

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073120\
 Data File : VX017718.D
 Acq On : 31 Jul 2020 22:42
 Operator : JC/SP
 Sample : VX0731WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBSD02

Manual Integrations
 APPROVED

MMDadoda
 8/3/2020 5:02:37 PM

Quant Time: Aug 01 04:51:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	601316	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	889581	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	787306	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	452686	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	354915	45.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.90%	
35) Dibromofluoromethane	5.47	113	285088	47.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.84%	
50) Toluene-d8	8.70	98	927429	43.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.42%	
62) 4-Bromofluorobenzene	11.12	95	367087	42.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	87939	15.051	ug/l	97
3) Chloromethane	1.31	50	105584	14.468	ug/l	99
4) Vinyl Chloride	1.39	62	112438	14.859	ug/l	99
5) Bromomethane	1.63	94	81368	18.061	ug/l	97
6) Chloroethane	1.71	64	72618	16.898	ug/l	97
7) Trichlorofluoromethane	1.92	101	190945	16.043	ug/l	100
8) Diethyl Ether	2.17	74	65980	16.178	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	95718	14.655	ug/l	97
10) Methyl Iodide	2.50	142	113664	13.603	ug/l	96
11) Tert butyl alcohol	3.01	59	123655	75.958	ug/l	97
12) 1,1-Dichloroethene	2.36	96	94714	15.250	ug/l	98
13) Acrolein	2.28	56	73087	61.976	ug/l	99
14) Allyl chloride	2.71	41	173452	15.294	ug/l	98
15) Acrylonitrile	3.12	53	272316	77.447	ug/l	99
16) Acetone	2.42	43	280509	82.510	ug/l	94
17) Carbon Disulfide	2.55	76	271918	14.404	ug/l	99
18) Methyl Acetate	2.75	43	136155	17.005	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	323760	15.060	ug/l	99
20) Methylene Chloride	2.84	84	111248	16.515	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	100243	15.066	ug/l	95
22) Diisopropyl ether	3.83	45	332603	16.039	ug/l	98
23) Vinyl Acetate	3.79	43	1467897	79.392	ug/l	100
24) 1,1-Dichloroethane	3.67	63	195511	16.367	ug/l	97
25) 2-Butanone	4.64	43	394062	81.593	ug/l	97
26) 2,2-Dichloropropane	4.55	77	151795	14.196	ug/l	97
27) cis-1,2-Dichloroethene	4.57	96	117784	16.298	ug/l	96
28) Bromochloromethane	4.99	49	97153	17.947	ug/l	98
29) Tetrahydrofuran	5.09	42	249645	83.449	ug/l	99
30) Chloroform	5.18	83	205420	16.830	ug/l	92
31) Cyclohexane	5.56	56	155136	16.286	ug/l	98
32) 1,1,1-Trichloroethane	5.47	97	199255	17.312	ug/l	99
36) 1,1-Dichloropropene	5.78	75	144977	16.992	ug/l	97
37) Ethyl Acetate	4.80	43	151534	16.233	ug/l	98
38) Carbon Tetrachloride	5.76	117	181153	17.484	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	152183	15.280	ug/l	96
40) Benzene	6.12	78	408881	16.716	ug/l	100
41) Methacrylonitrile	5.01	41	88609	16.560	ug/l	97
42) 1,2-Dichloroethane	6.17	62	171904	17.178	ug/l	97
43) Isopropyl Acetate	6.42	43	259137	16.824	ug/l	99
44) Trichloroethene	7.19	130	129869	18.168	ug/l	98
45) 1,2-Dichloropropane	7.49	63	113024	16.668	ug/l	99
46) Dibromomethane	7.64	93	76066	15.873	ug/l	98
47) Bromodichloromethane	7.88	83	169024	17.529	ug/l	99
48) Methyl methacrylate	7.74	41	130633	17.110	ug/l	99
49) 1,4-Dioxane	7.71	88	54318	371.078	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	715642	77.871	ug/l	99
52) Toluene	8.77	92	281514	17.946	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	179541	16.634	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	167091	15.177	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	119741	18.324	ug/l	99
56) Ethyl methacrylate	9.16	69	169775	17.244	ug/l	100
57) 1,3-Dichloropropane	9.35	76	194132	18.041	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	357608	68.944	ug/l	98
59) 2-Hexanone	9.47	43	639095	92.367	ug/l	98
60) Dibromochloromethane	9.57	129	145528	17.521	ug/l	99
61) 1,2-Dibromoethane	9.65	107	121206	17.421	ug/l	99
64) Tetrachloroethene	9.32	164	128904	18.242	ug/l	98
65) Chlorobenzene	10.12	112	277601	16.290	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	118641	17.250	ug/l	100
67) Ethyl Benzene	10.24	91	481211	16.916	ug/l	98
68) m/p-Xylenes	10.34	106	387064	35.123	ug/l	99
69) o-Xylene	10.68	106	195884	18.481	ug/l	99
70) Styrene	10.70	104	338305	18.760	ug/l	100
71) Bromoform	10.84	173	108774	18.255	ug/l #	98
73) Isopropylbenzene	11.00	105	507624	16.346	ug/l	99
74) N-amyl acetate	10.88	43	216260	15.673	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	155698	16.062	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	155373m	16.685	ug/l	
77) Bromobenzene	11.24	156	144509	16.622	ug/l	99
78) n-propylbenzene	11.34	91	549152	15.679	ug/l	99
79) 2-Chlorotoluene	11.40	91	363292	16.744	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	457063	17.238	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	53060	14.358	ug/l	96
82) 4-Chlorotoluene	11.49	91	447432	17.482	ug/l	100
83) tert-Butylbenzene	11.76	119	418173	16.482	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	432545	16.401	ug/l	98
85) sec-Butylbenzene	11.93	105	481287	16.284	ug/l	98
86) p-Isopropyltoluene	12.05	119	468199	16.635	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	255907	17.141	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	248943	16.098	ug/l	99
89) n-Butylbenzene	12.37	91	389321	15.523	ug/l	98
90) Hexachloroethane	12.58	117	90106	16.238	ug/l	93
91) 1,2-Dichlorobenzene	12.37	146	234120	15.955	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	43180	17.517	ug/l	95

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ClientSampleId :
VX0731WBSD02

Manual Integrations
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Quant Title : SW846 8260
QLast Update : Fri Jul 24 05:48:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	163708	16.347	ug/l	100
94) Hexachlorobutadiene	13.77	225	74125	16.080	ug/l	98
95) Naphthalene	13.82	128	504956	16.891	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	158114	15.990	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

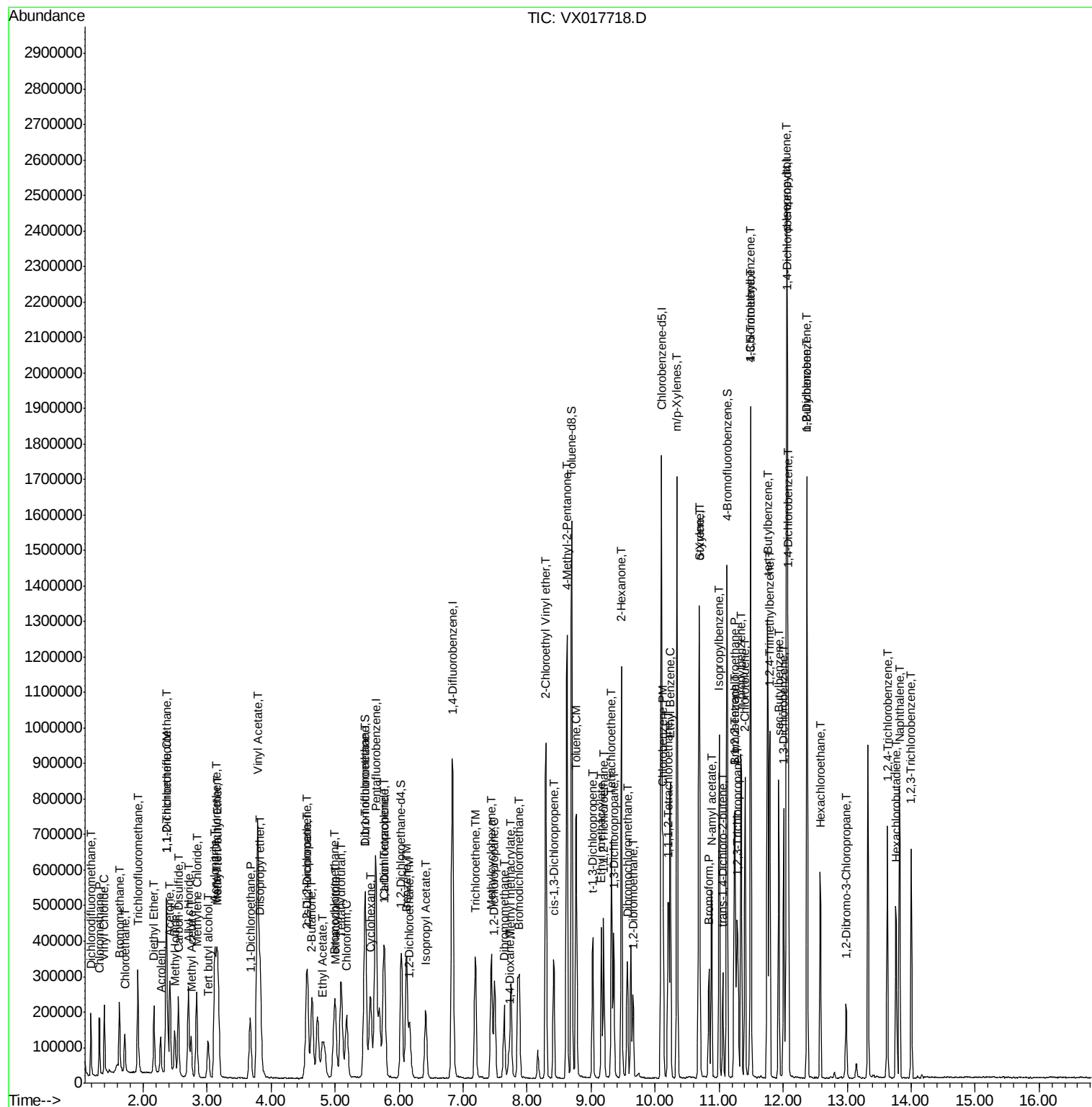
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Data File : VX017718.D
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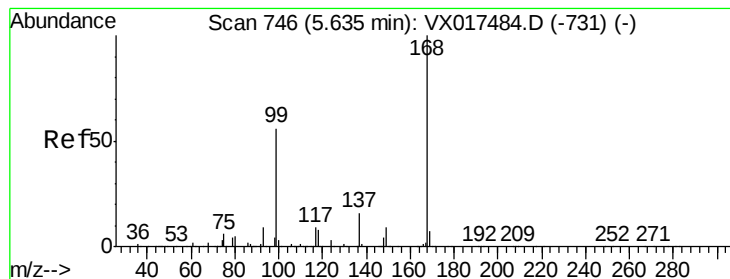
Instrument :
MSVOA_X
ClientSampleID :
VX0731WBSD02

Manual Integrations
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017718.D

Acq: 31 Jul 2020 22:42

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBSD02

Tot Ion:168 Resp: 601316

Ion Ratio Lower Upper

168 100

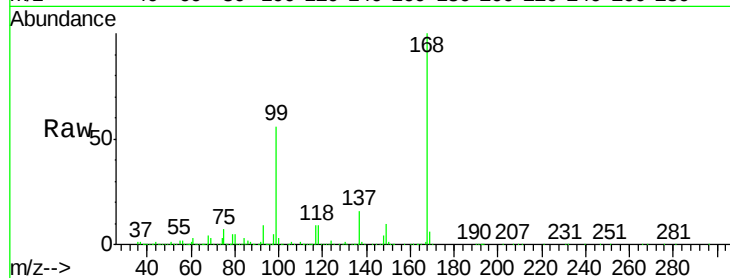
99 55.5 43.4 65.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

250000

200000

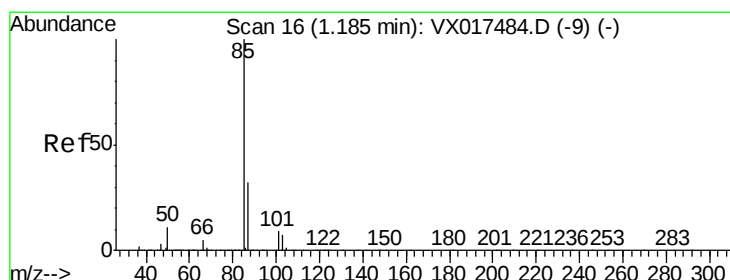
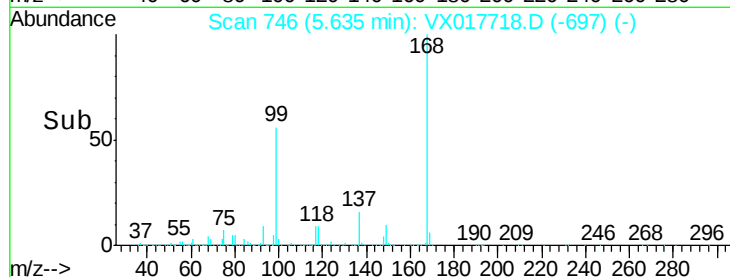
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 15.051 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017718.D

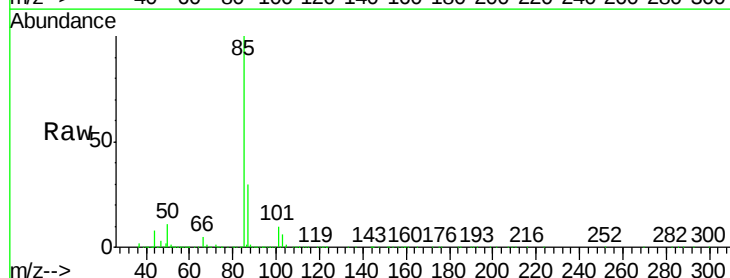
Acq: 31 Jul 2020 22:42

Tgt Ion: 85 Resp: 87939

Ion Ratio Lower Upper

85 100

87 30.5 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

120000

100000

80000

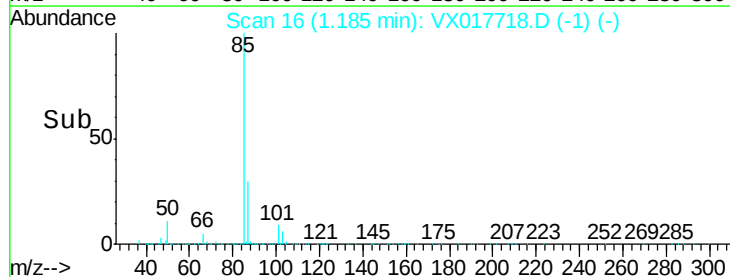
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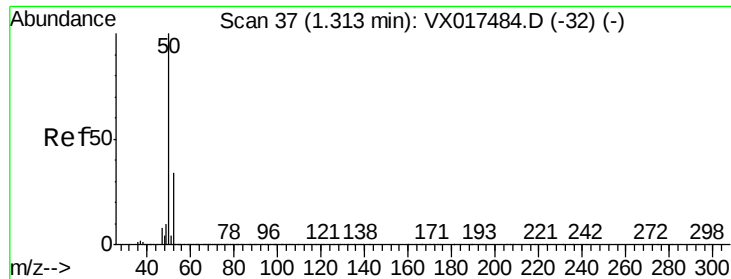
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Time-->





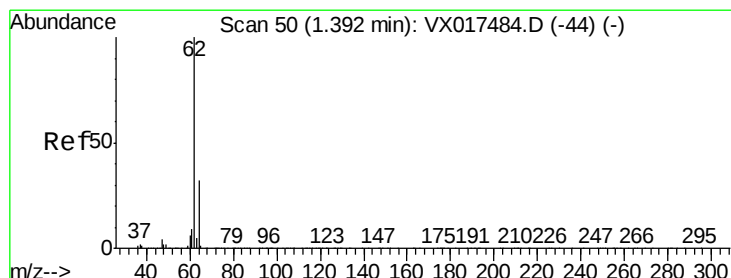
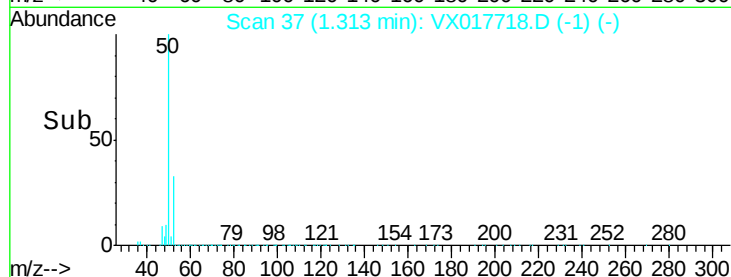
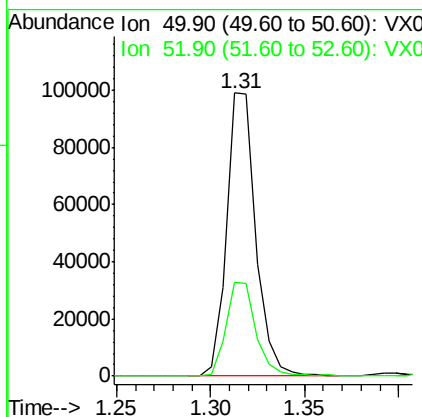
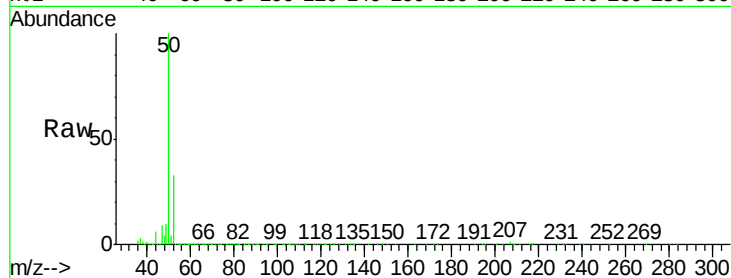
#3
Chloromethane
Concen: 14.468 ug/l
RT: 1.31 min Scan# 37
Delta R.T. 0.00 min
Lab File: VX017718.D
Acq: 31 Jul 2020 22:42

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD02

Tot Ion	Ratio	Lower	Upper
50	100		
52	32.8	25.9	38.9

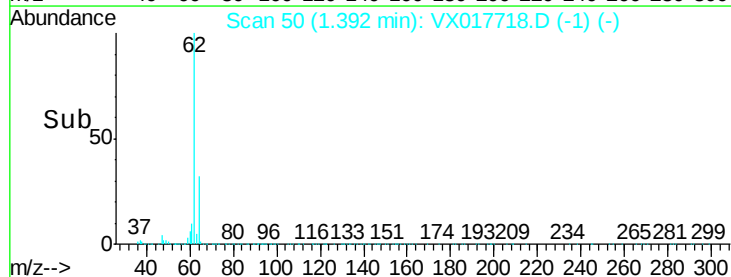
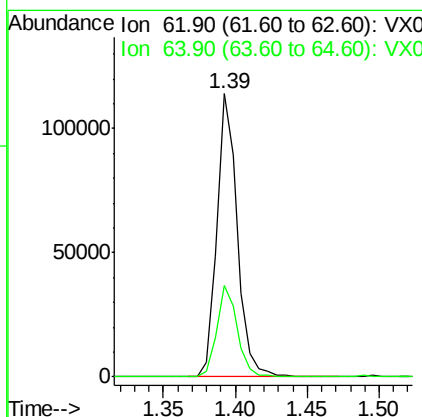
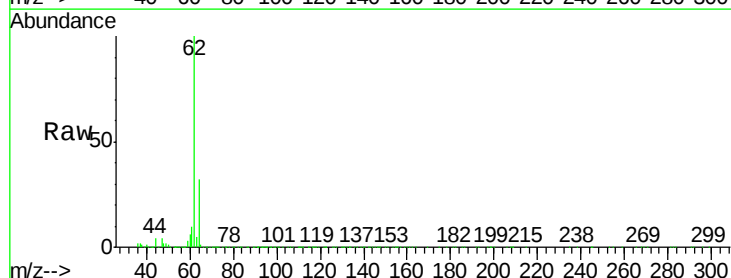
Manual Integrations
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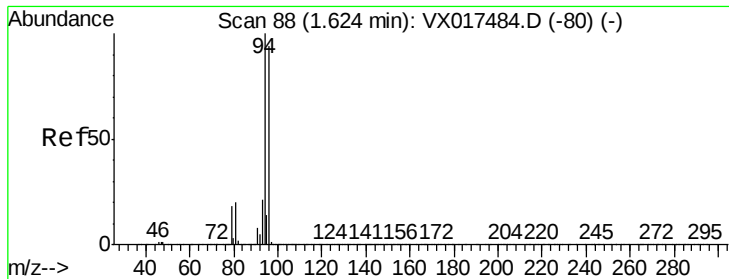
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#4
Vinyl Chloride
Concen: 14.859 ug/l
RT: 1.39 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX017718.D
Acq: 31 Jul 2020 22:42

Tgt Ion	Ratio	Lower	Upper
62	100		
64	32.1	25.2	37.8





#5

Bromomethane

Concen: 18.061 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017718.D

Acq: 31 Jul 2020 22:42

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBSD02

Tot Ion: 94 Resp: 81368

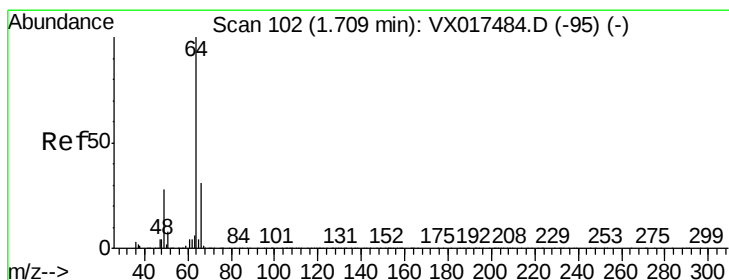
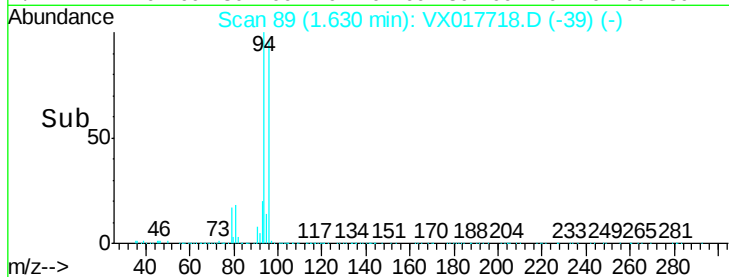
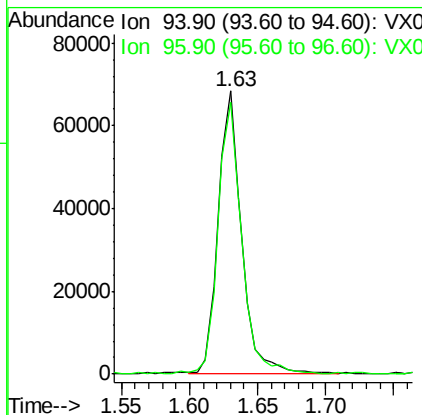
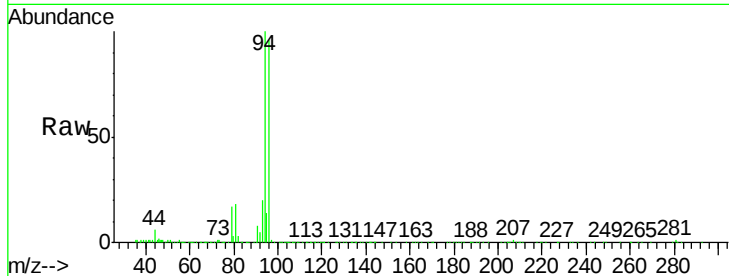
Ion Ratio Lower Upper

94 100

96 95.9 74.1 111.1

Manual Integrations
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#6

Chloroethane

Concen: 16.898 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX017718.D

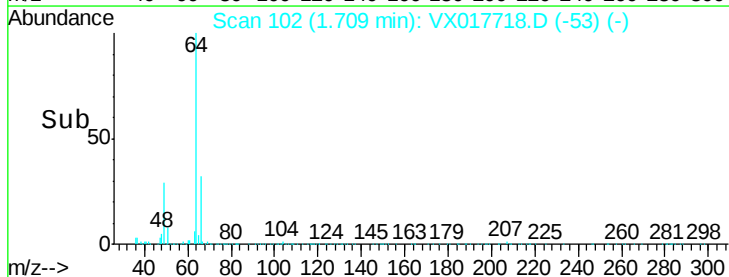
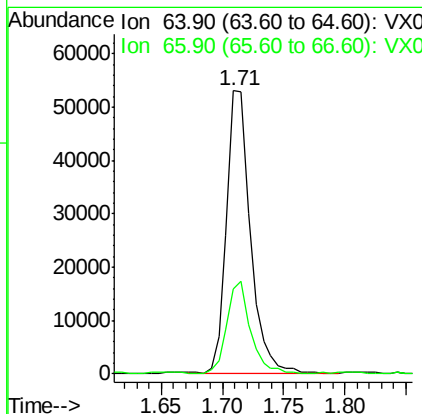
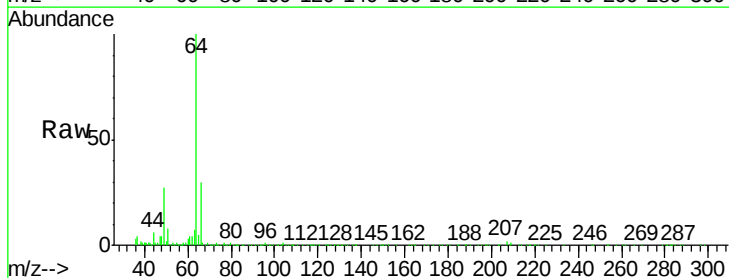
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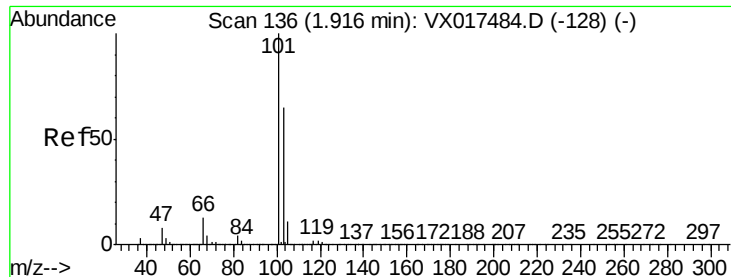
Tgt Ion: 64 Resp: 72618

Ion Ratio Lower Upper

64 100

66 29.5 24.9 37.3





#7

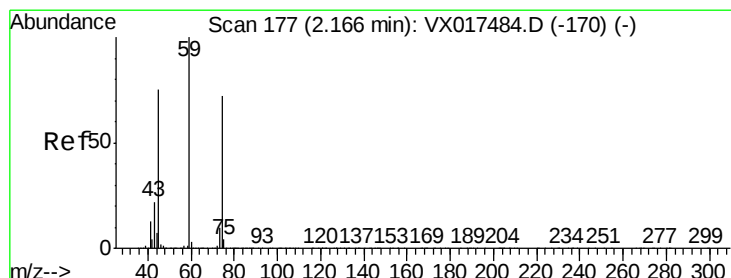
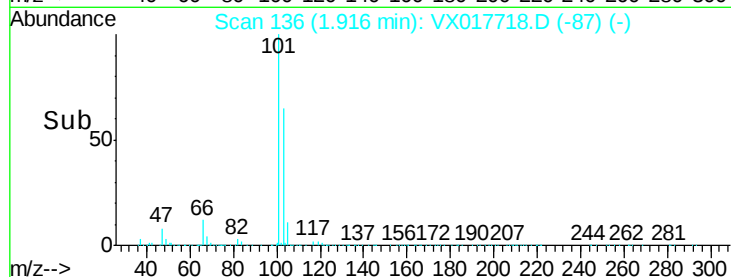
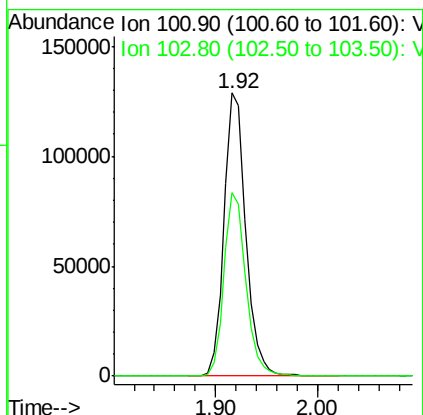
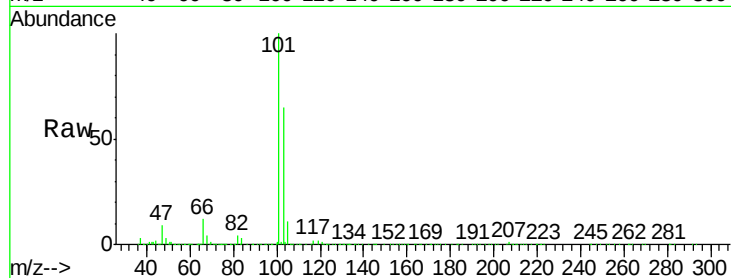
Trichlorofluoromethane
Concen: 16.043 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX017718.D
Acq: 31 Jul 2020 22:42

Instrument :
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ClientSampleId :
VX0731WBSD02

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	51.8	77.8

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APPROVED

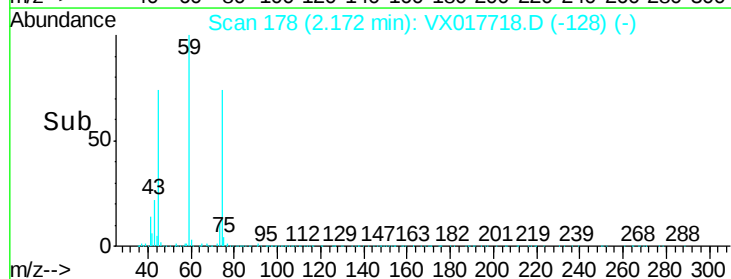
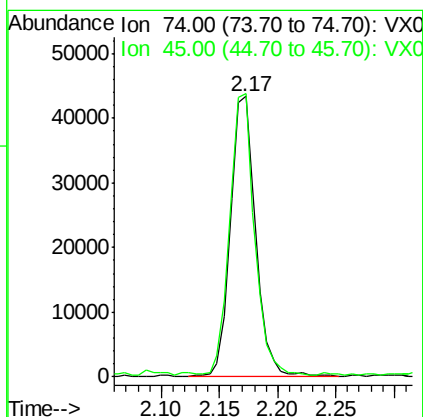
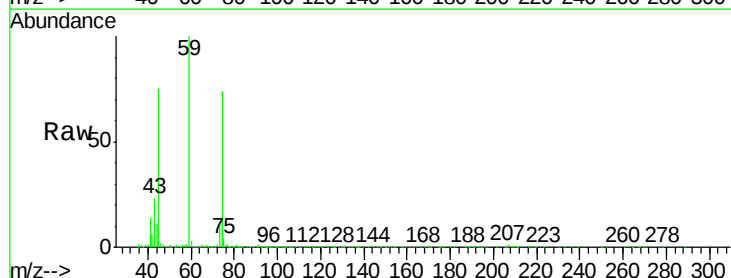
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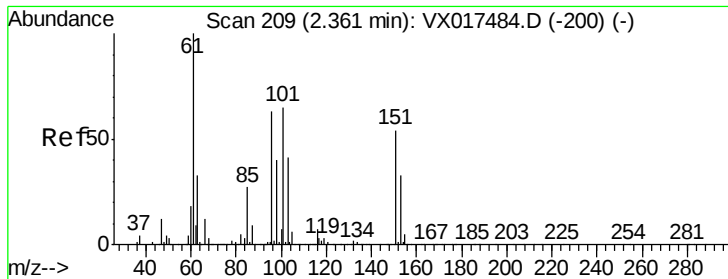


#8

Diethyl Ether
Concen: 16.178 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX017718.D
Acq: 31 Jul 2020 22:42

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.0	50.8	152.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 14.655 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX017718.D

Acq: 31 Jul 2020 22:42

Instrument :

MSVOA_X

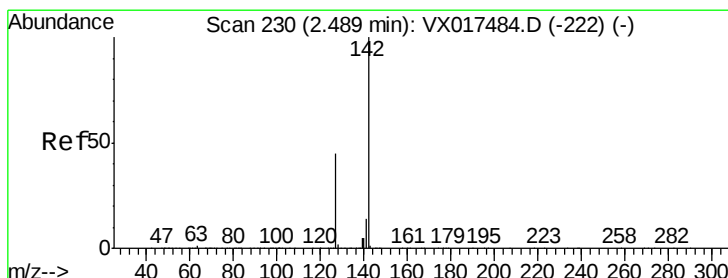
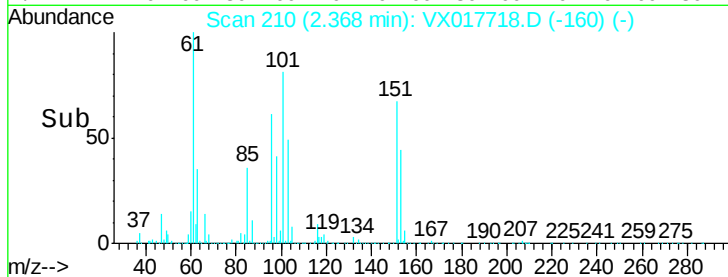
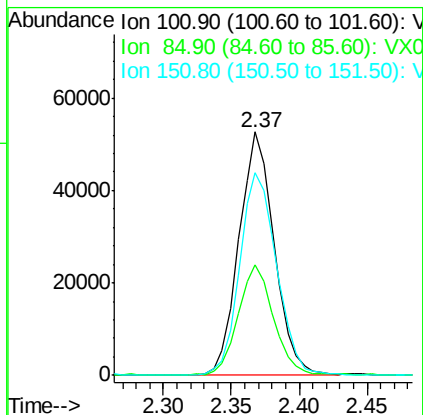
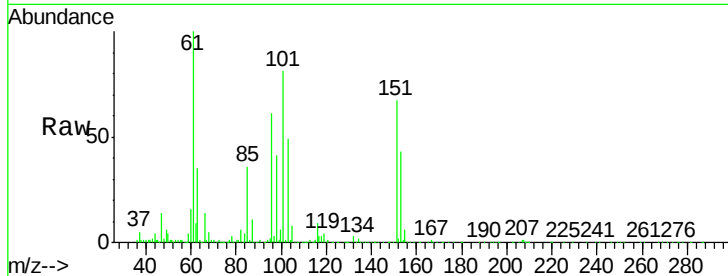
ClientSampled :

VX0731WBSD02

Tot Ion:	101	Resp:	95718
Ion Ratio	Lower	Upper	
101	100		
85	46.1	34.8	52.2
151	87.2	68.0	102.0

Manual Integrations
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#10

Methyl Iodide

Concen: 13.603 ug/l

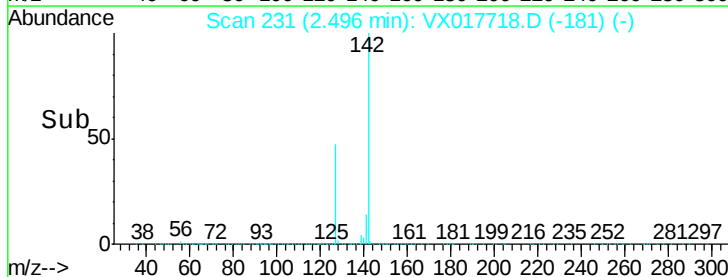
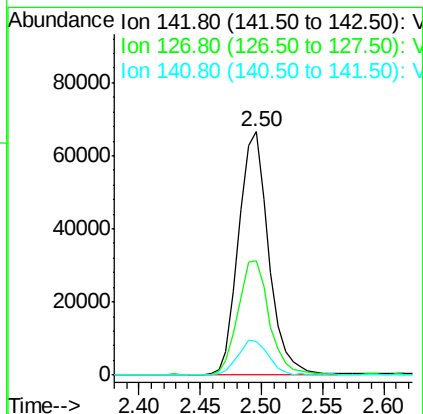
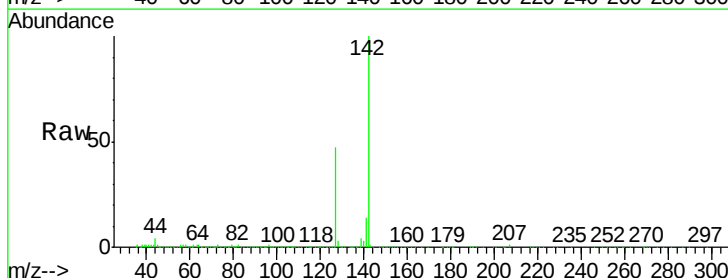
RT: 2.50 min Scan# 231

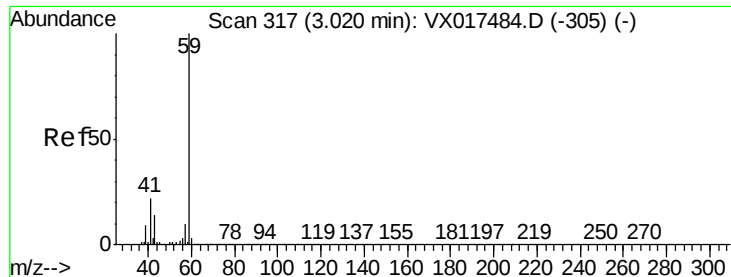
Delta R.T. 0.01 min

Lab File: VX017718.D

Acq: 31 Jul 2020 22:42

Tgt Ion:	142	Resp:	113664
Ion Ratio	Lower	Upper	
142	100		
127	48.4	35.9	53.9
141	14.8	11.4	17.0





#11

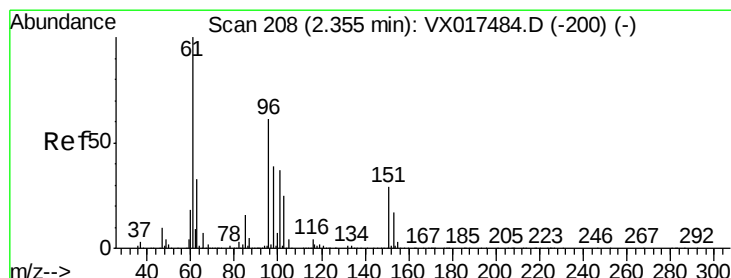
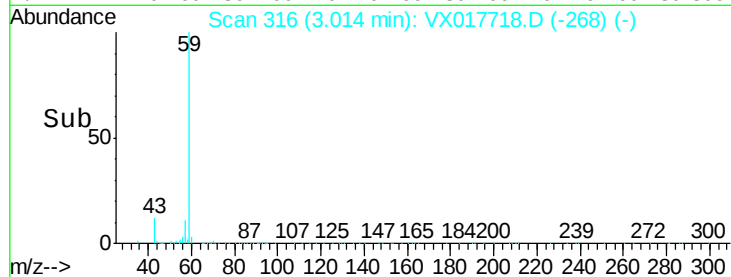
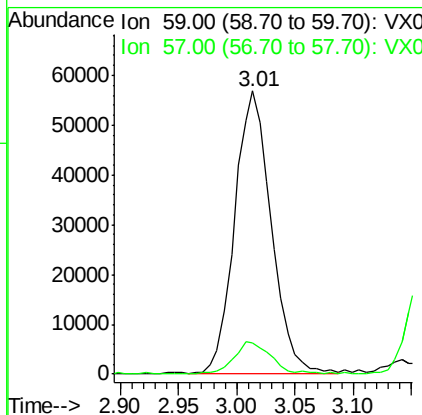
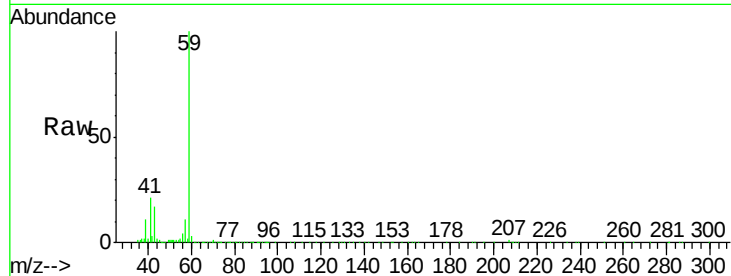
Tert butyl alcohol
Concen: 75.958 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX017718.D
Acq: 31 Jul 2020 22:42

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD02

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.8	8.6	12.8

Manual Integrations
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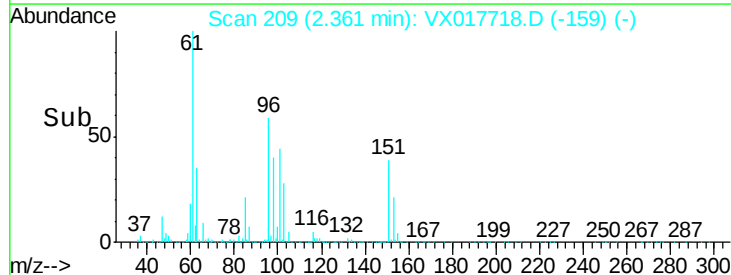
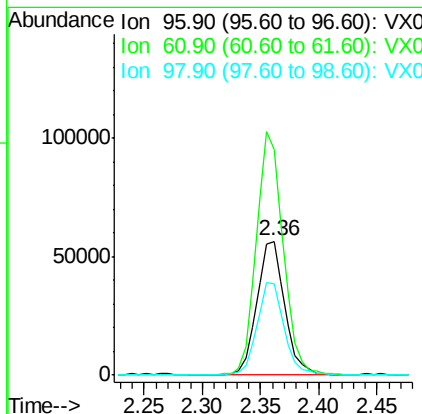
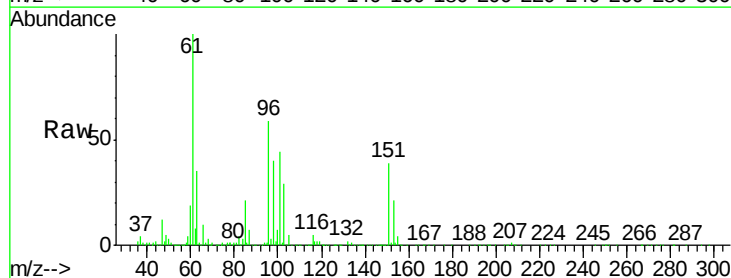
MMDadoda
8/3/2020 5:02:37 PM

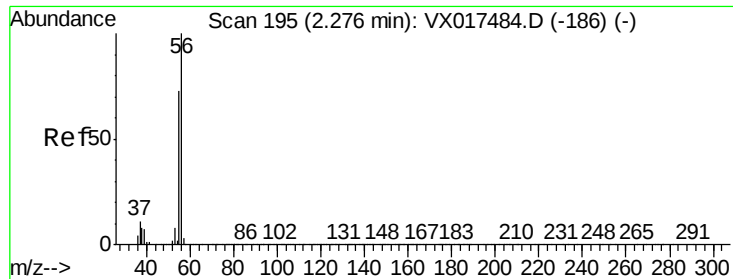


#12

1,1-Dichloroethene
Concen: 15.250 ug/l
RT: 2.36 min Scan# 209
Delta R.T. 0.01 min
Lab File: VX017718.D
Acq: 31 Jul 2020 22:42

Tgt Ion	Ratio	Lower	Upper
96	100		
61	169.0	134.0	201.0
98	67.5	51.0	76.4





#13

Acrolein

Concen: 61.976 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX017718.D

Acq: 31 Jul 2020 22:42

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBSD02

Tot Ion: 56 Resp: 73087

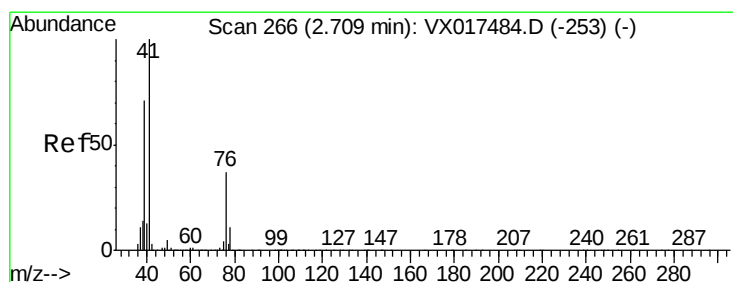
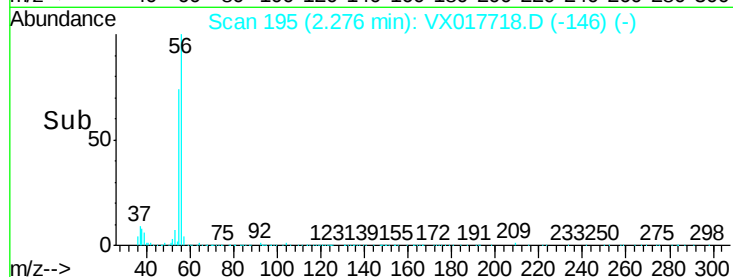
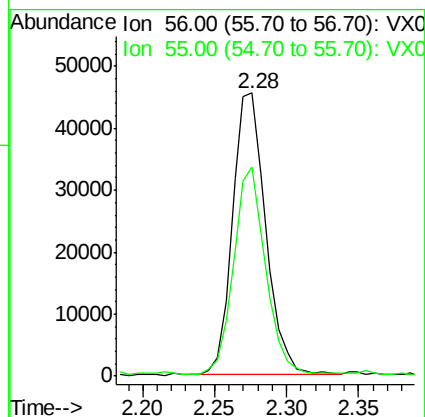
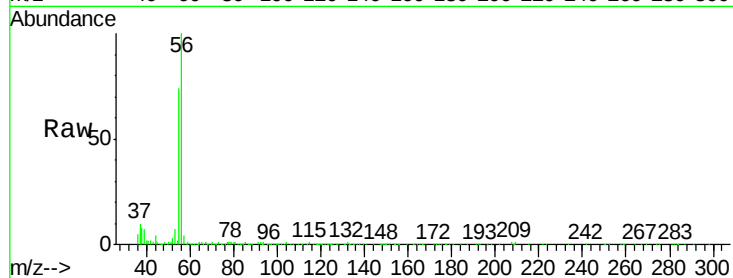
Ion Ratio Lower Upper

56 100

55 70.6 57.4 86.2

Manual Integrations
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#14

Allyl chloride

Concen: 15.294 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017718.D

Acq: 31 Jul 2020 22:42

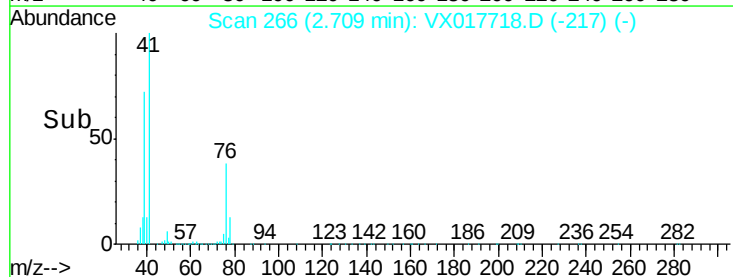
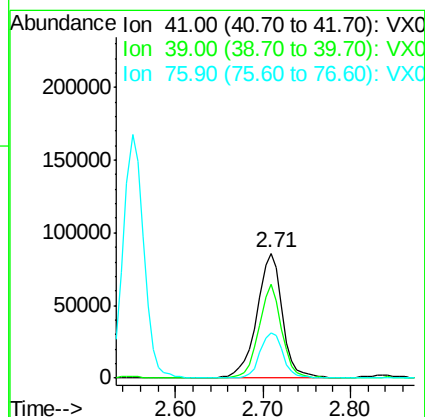
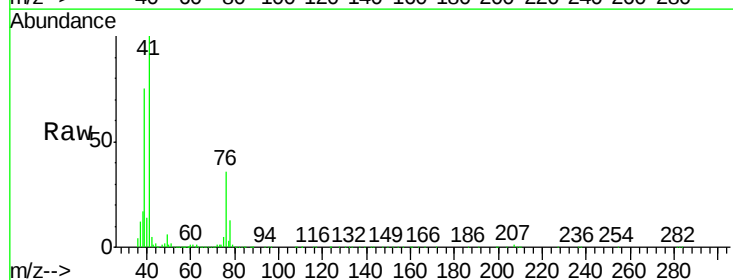
Tgt Ion: 41 Resp: 173452

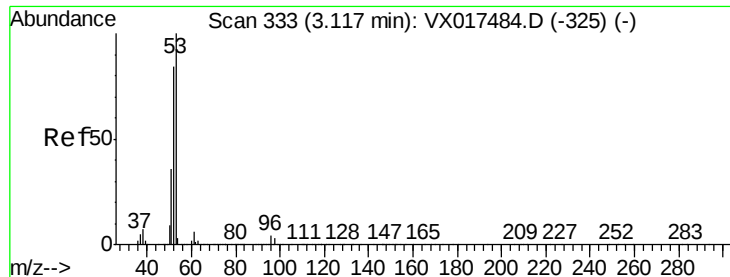
Ion Ratio Lower Upper

41 100

39 67.0 51.9 77.9

76 32.9 25.5 38.3





#15

Acrylonitrile

Concen: 77.447 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX017718.D

Acq: 31 Jul 2020 22:42

Instrument :

MSVOA_X

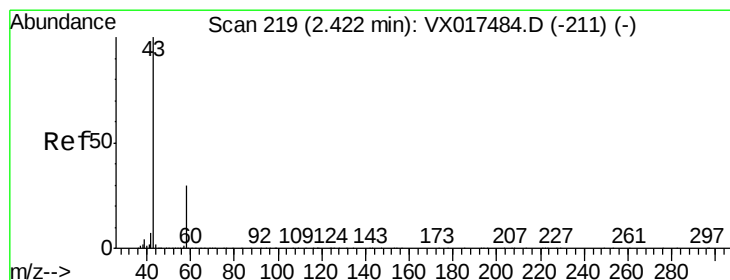
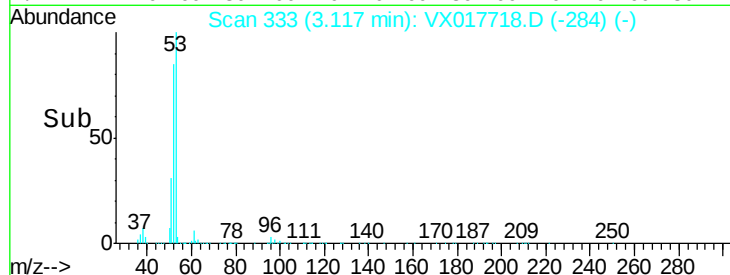
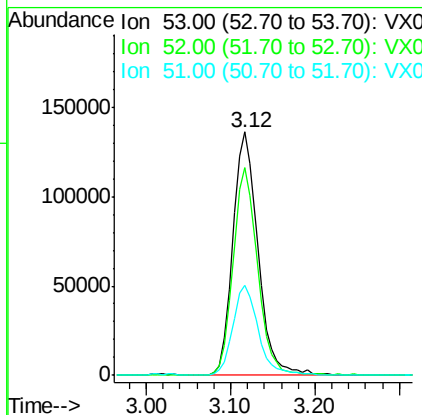
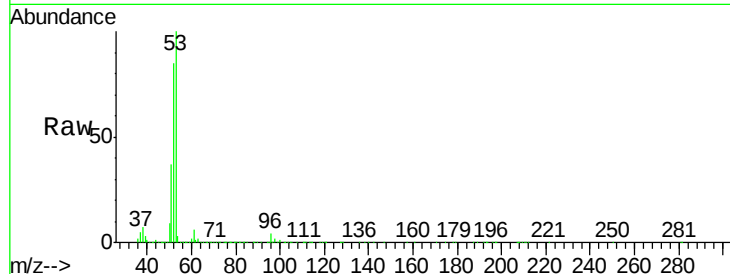
ClientSampleId :

VX0731WBSD02

Tot Ion:	53	Resp:	272316
Ion	Ratio	Lower	Upper
53	100		
52	83.2	66.6	99.8
51	38.1	29.4	44.2

Manual Integrations
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#16

Acetone

Concen: 82.510 ug/l

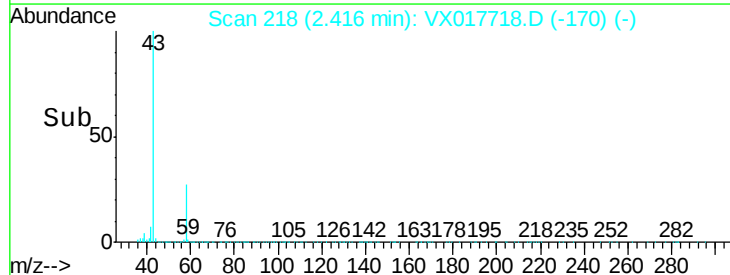
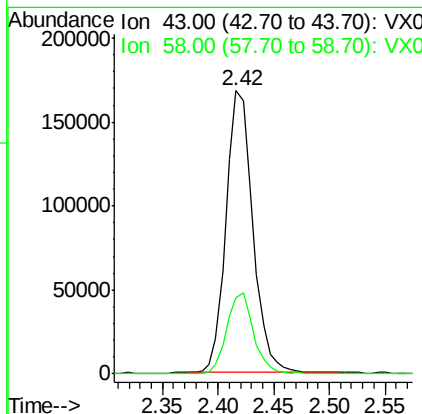
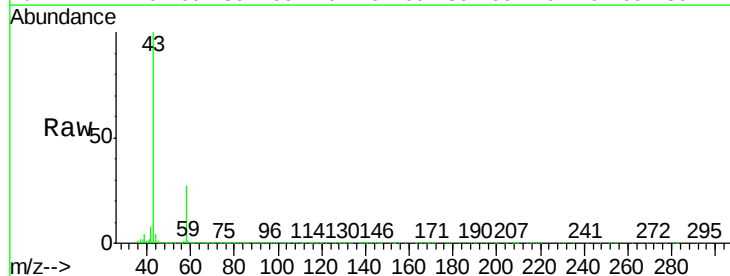
RT: 2.42 min Scan# 218

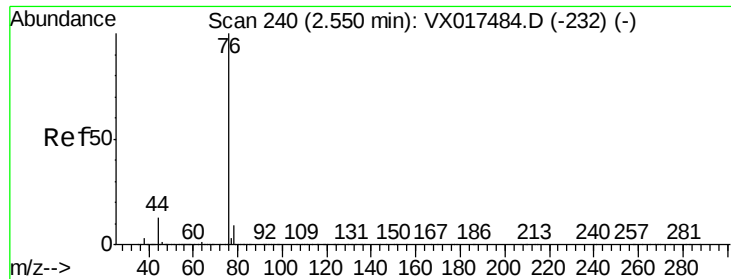
Delta R.T. -0.01 min

Lab File: VX017718.D

Acq: 31 Jul 2020 22:42

Tgt Ion:	43	Resp:	280509
Ion	Ratio	Lower	Upper
43	100		
58	27.1	24.2	36.4





#17

Carbon Disulfide

Concen: 14.404 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017718.D

Acq: 31 Jul 2020 22:42

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBSD02

Tot Ion: 76 Resp: 271918

Ion Ratio Lower Upper

76 100

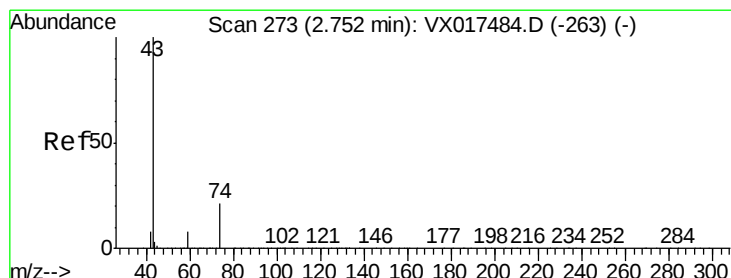
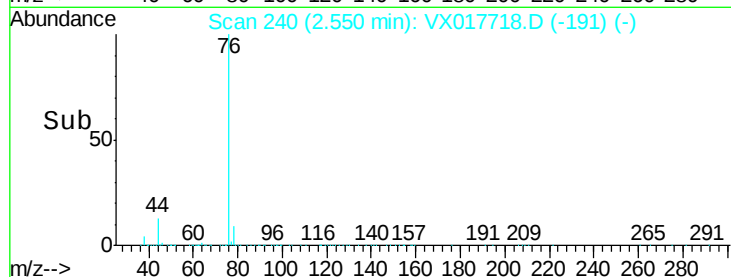
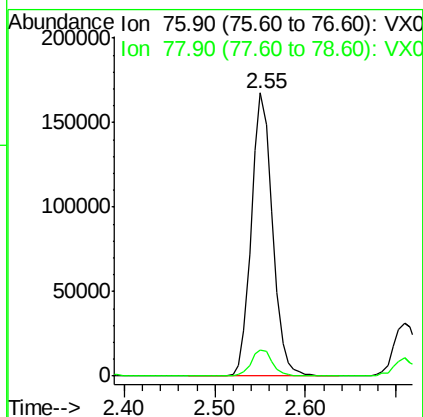
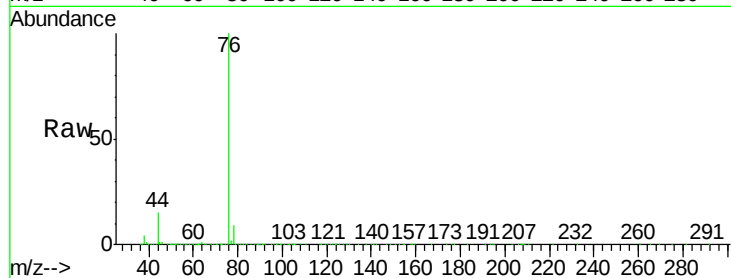
78 9.1 7.5 11.3

Manual Integrations

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#18

Methyl Acetate

Concen: 17.005 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX017718.D

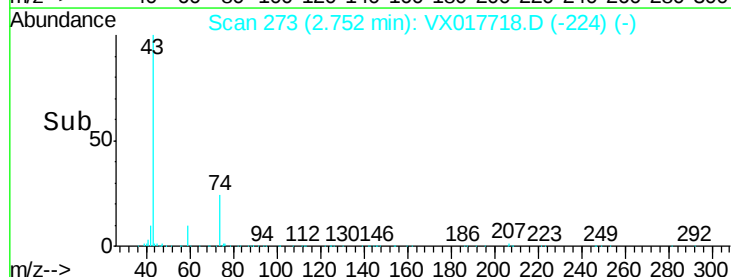
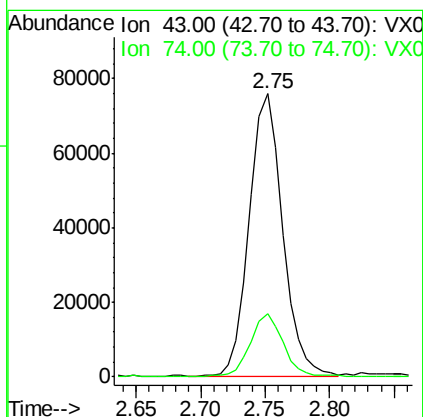
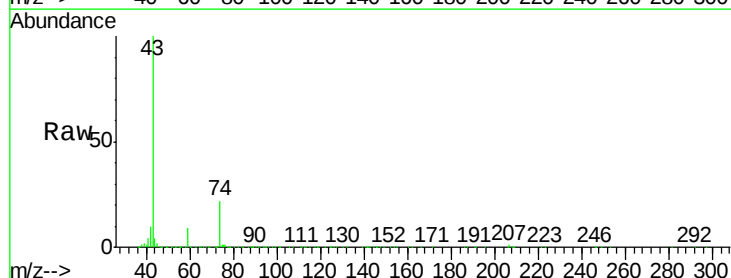
Acq: 31 Jul 2020 22:42

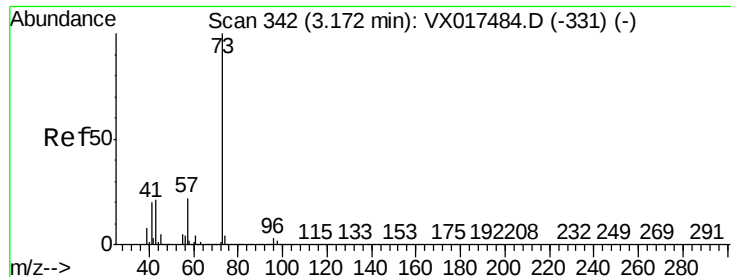
Tgt Ion: 43 Resp: 136155

Ion Ratio Lower Upper

43 100

74 21.8 17.5 26.3





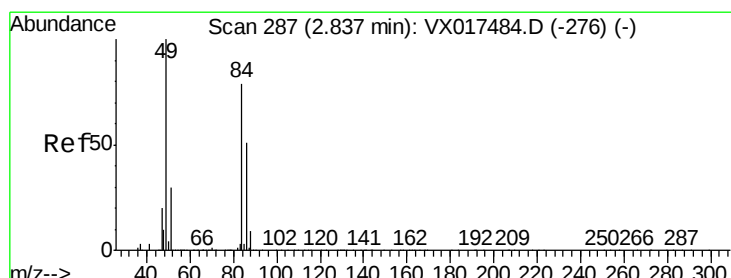
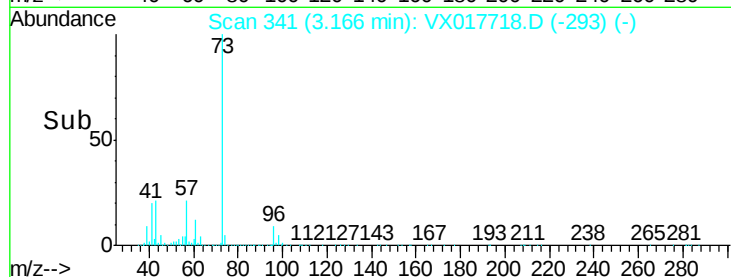
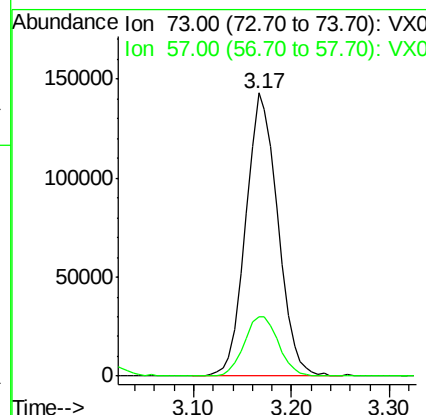
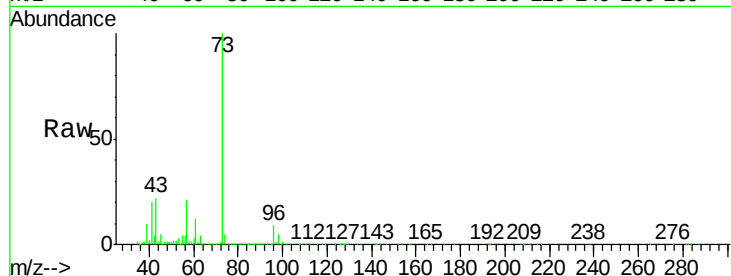
#19
Methyl tert-butyl Ether
Concen: 15.060 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX017718.D
Acq: 31 Jul 2020 22:42

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD02

Tot Ion	Ion	Ratio	Lower	Upper
73	73	100		
57	57	20.7	17.0	25.4

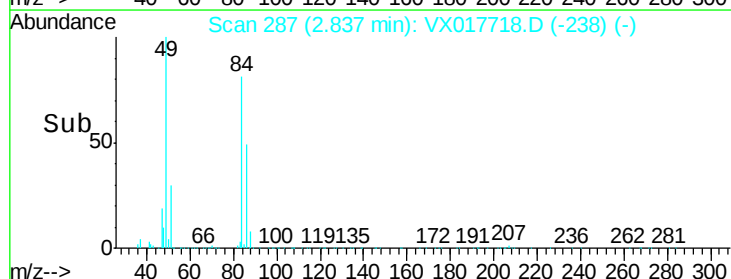
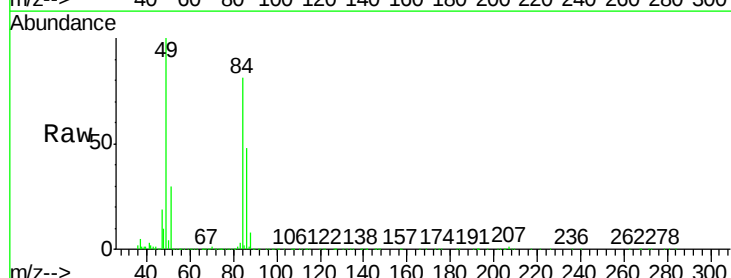
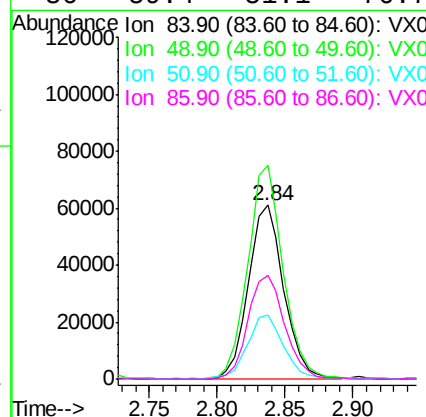
Manual Integrations
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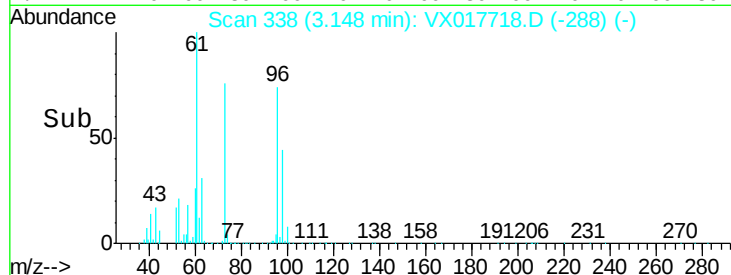
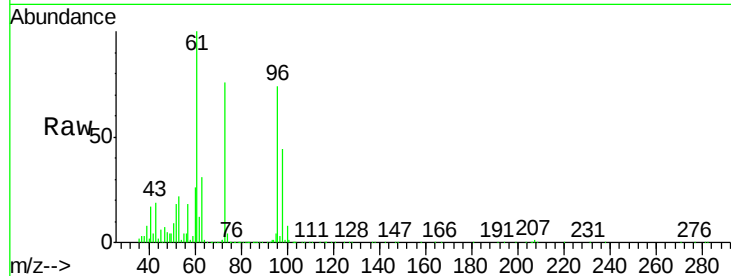
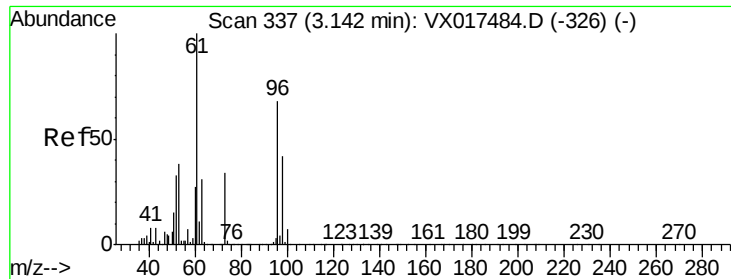
MMDadoda
8/3/2020 5:02:37 PM



#20
Methylene Chloride
Concen: 16.515 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017718.D
Acq: 31 Jul 2020 22:42

Tgt Ion	Ion	Ratio	Lower	Upper
84	84	100		
49	49	122.8	100.3	150.5
51	51	36.6	30.5	45.7
86	86	59.4	51.1	76.7





#21

trans-1,2-Dichloroethene

Concen: 15.066 ug/l

RT: 3.15 min Scan# 338

Delta R.T. 0.01 min

Lab File: VX017718.D

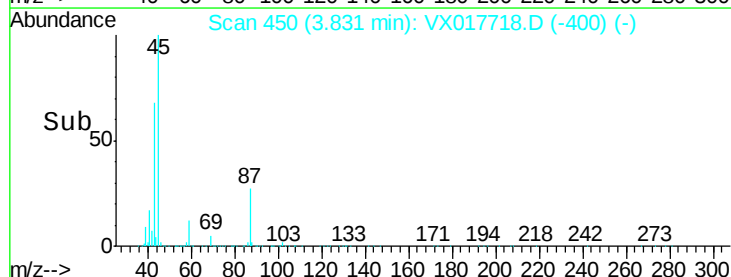
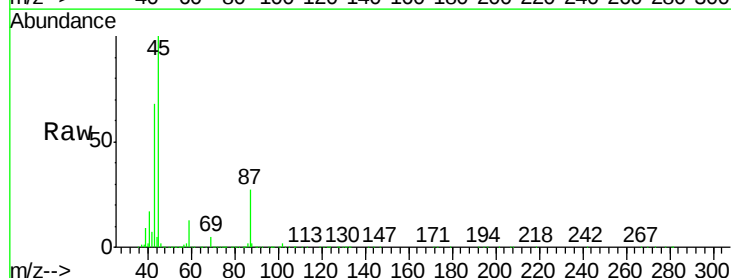
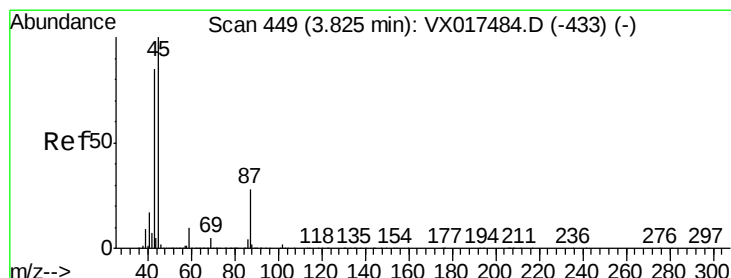
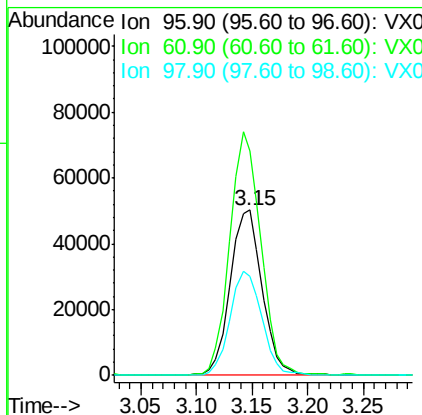
Acq: 31 Jul 2020 22:42

Tot Ion:	96	Resp:	100243
Ion Ratio	Lower	Upper	
96	100		
61	135.6	113.0	169.4
98	59.8	51.8	77.8

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD02

Manual Integrations
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#22

Diisopropyl ether

Concen: 16.039 ug/l

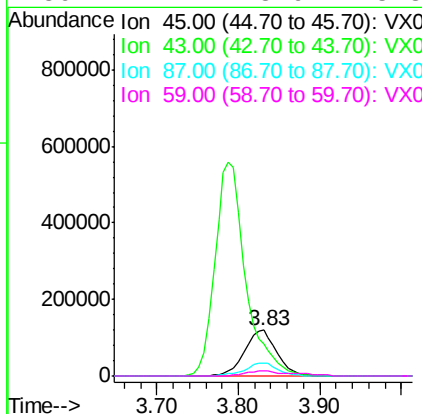
RT: 3.83 min Scan# 450

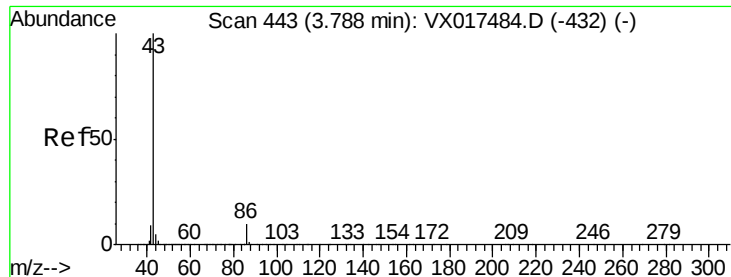
Delta R.T. 0.01 min

Lab File: VX017718.D

Acq: 31 Jul 2020 22:42

Tgt Ion:	45	Resp:	332603
Ion Ratio	Lower	Upper	
45	100		
43	67.3	52.0	78.0
87	27.3	22.2	33.4
59	12.4	8.9	13.3





#23

Vinyl Acetate

Concen: 79.392 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017718.D

Acq: 31 Jul 2020 22:42

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBSD02

Tot Ion: 43 Resp: 1467897

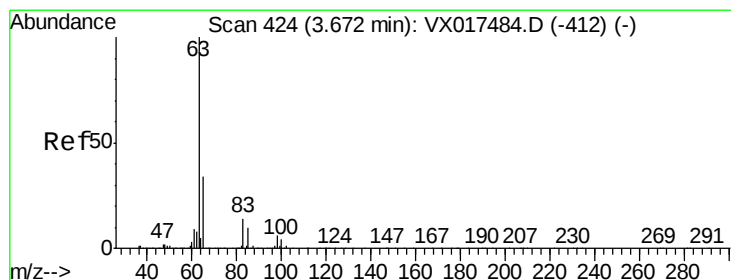
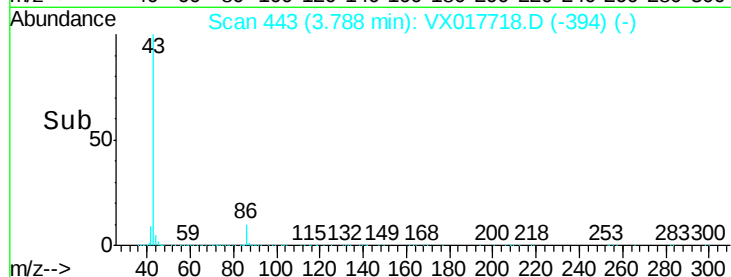
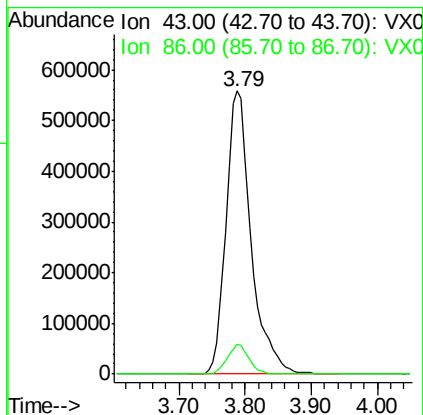
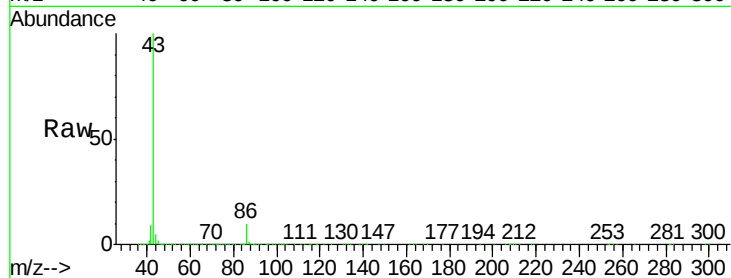
Ion Ratio Lower Upper

43 100

86 10.4 8.2 12.4

Manual Integrations
APPROVED

MMDadoda
8/3/2020 5:02:37 PM



#24

1,1-Dichloroethane

Concen: 16.367 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX017718.D

Acq: 31 Jul 2020 22:42

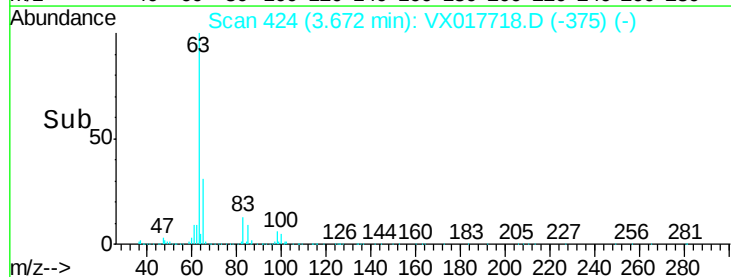
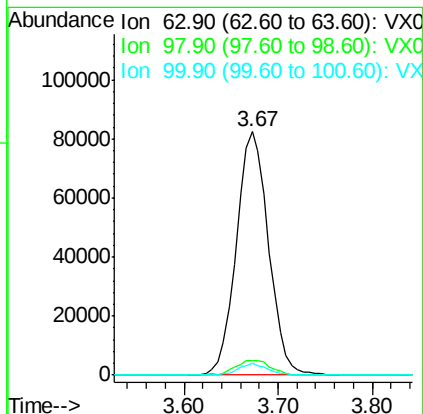
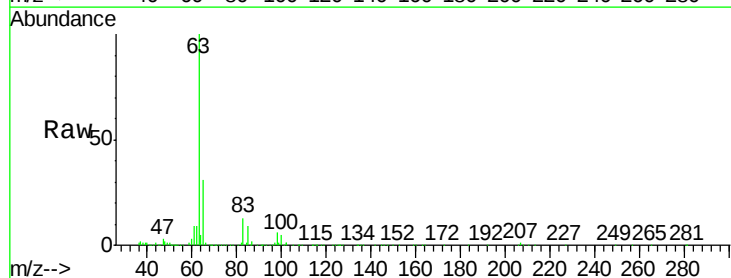
Tgt Ion: 63 Resp: 195511

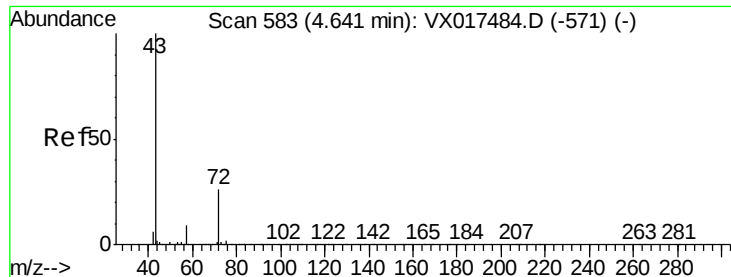
Ion Ratio Lower Upper

63 100

98 5.8 3.4 10.1

100 5.0 1.9 5.7





#25

2-Butanone

Concen: 81.593 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX017718.D

Acq: 31 Jul 2020 22:42

Tot Ion: 43 Resp: 394062

Ion Ratio Lower Upper

43 100

72 25.3 19.0 28.4

Instrument :

MSVOA_X

ClientSampleId :

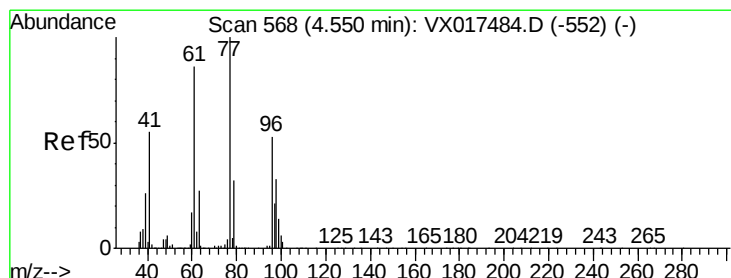
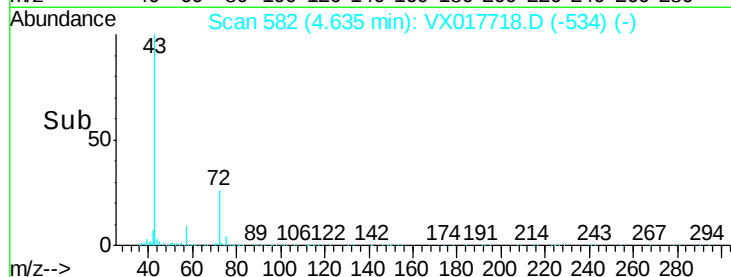
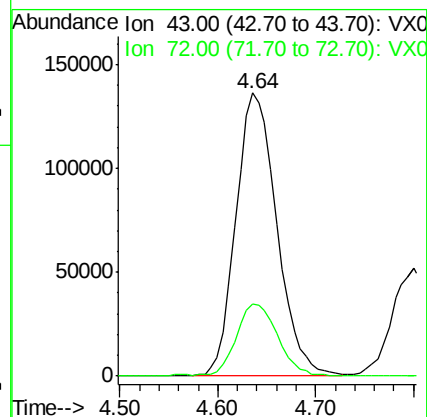
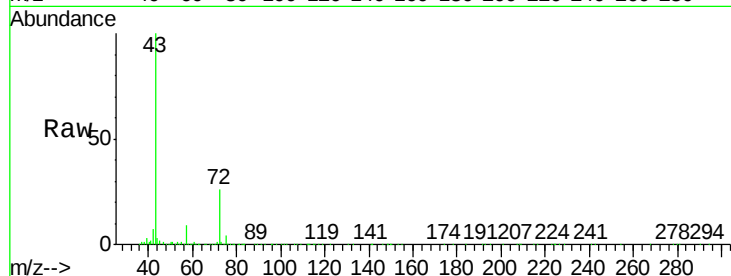
VX0731WBSD02

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#26

2,2-Dichloropropane

Concen: 14.196 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX017718.D

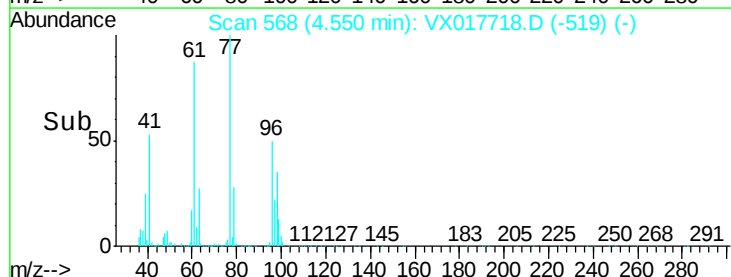
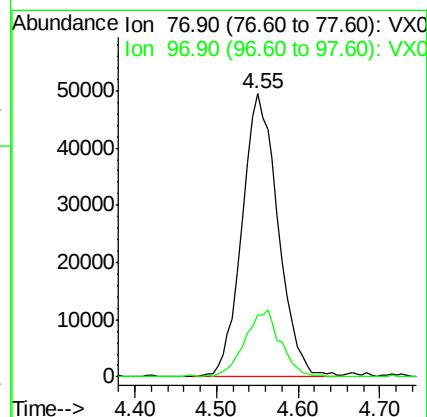
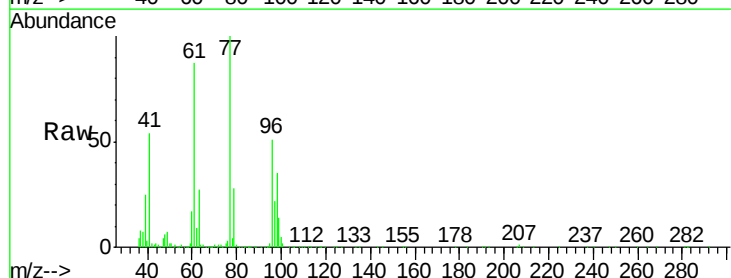
Acq: 31 Jul 2020 22:42

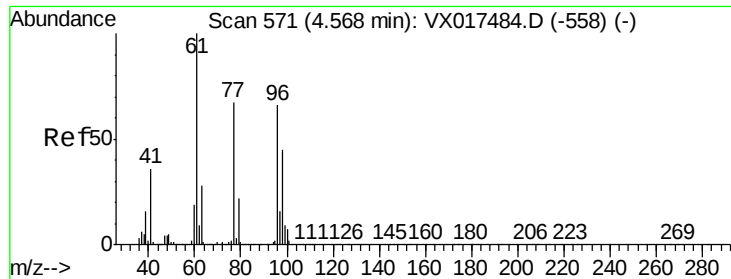
Tgt Ion: 77 Resp: 151795

Ion Ratio Lower Upper

77 100

97 23.4 10.9 32.9





#27

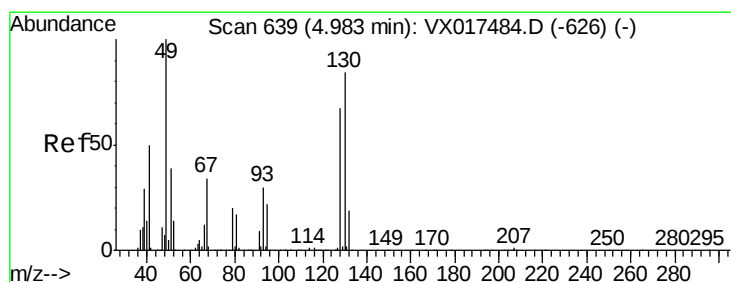
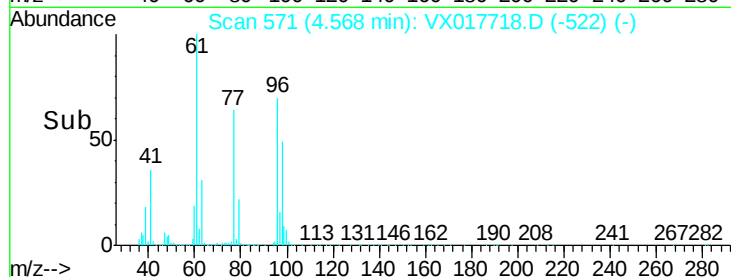
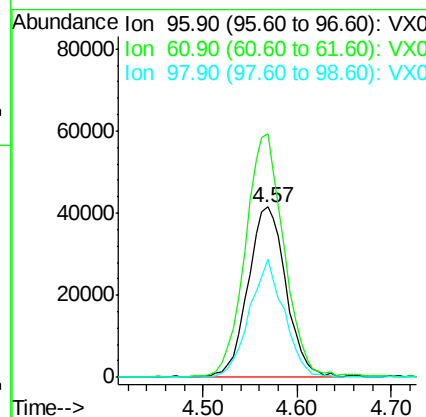
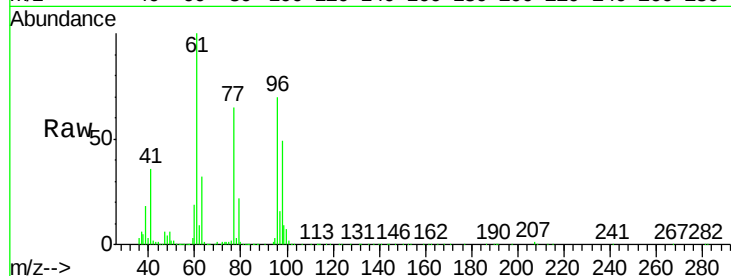
cis-1,2-Dichloroethene
Concen: 16.298 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX017718.D
Acq: 31 Jul 2020 22:42

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	117784		
61	144.4	0.0	301.2	
98	63.6	0.0	130.0	

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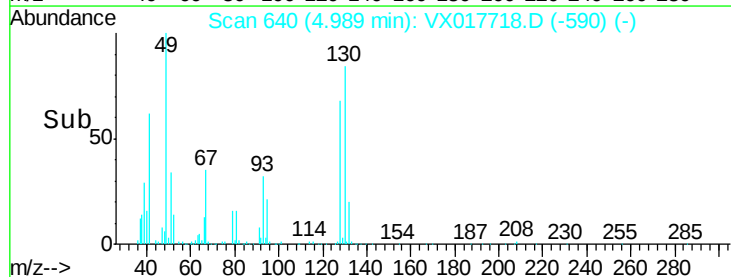
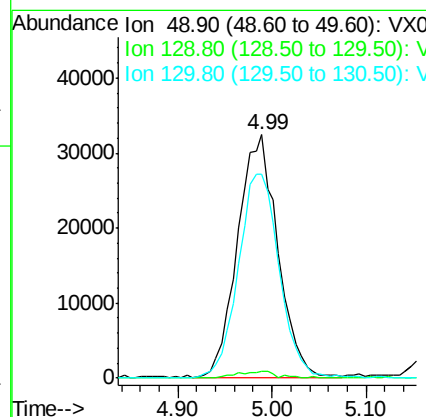
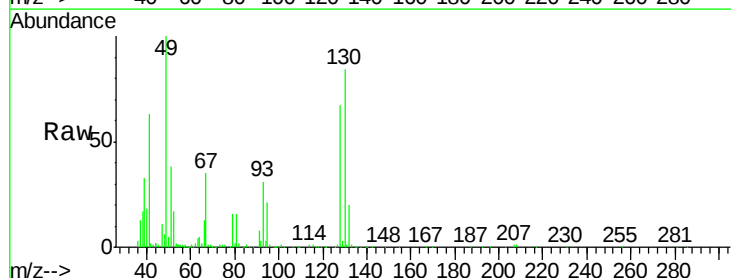
MMDadoda
8/3/2020 5:02:37 PM

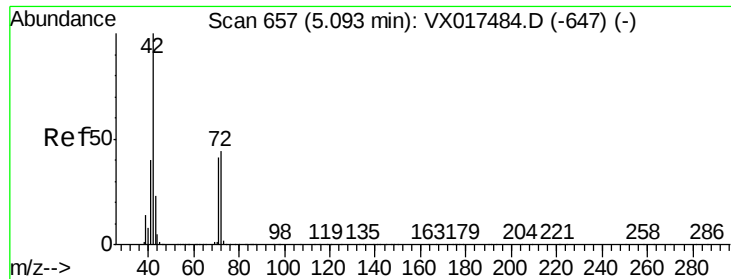


#28

Bromochloromethane
Concen: 17.947 ug/l
RT: 4.99 min Scan# 640
Delta R.T. 0.01 min
Lab File: VX017718.D
Acq: 31 Jul 2020 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	97153		
129	2.3	0.0	4.6	
130	85.6	66.7	100.1	





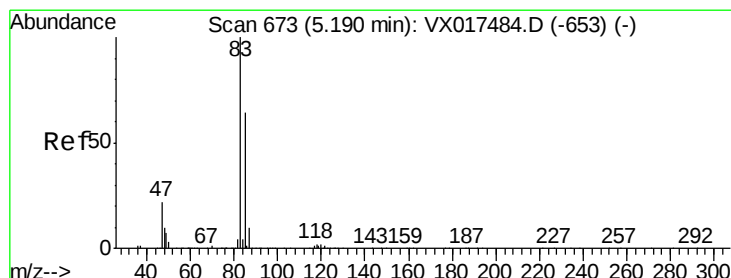
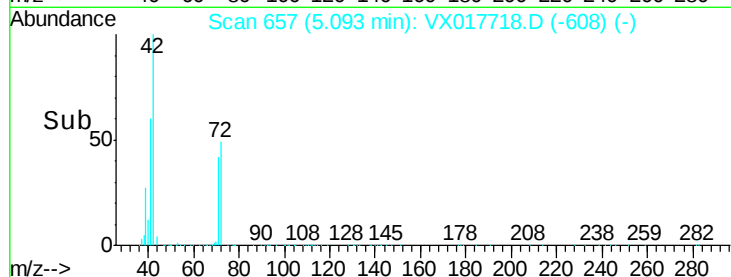
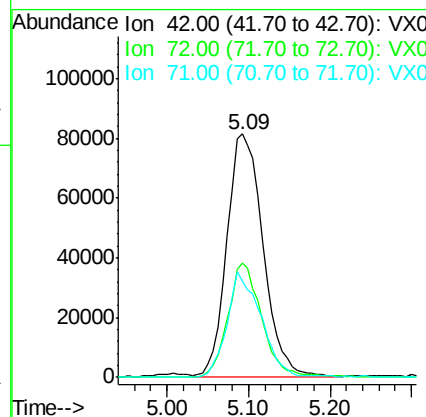
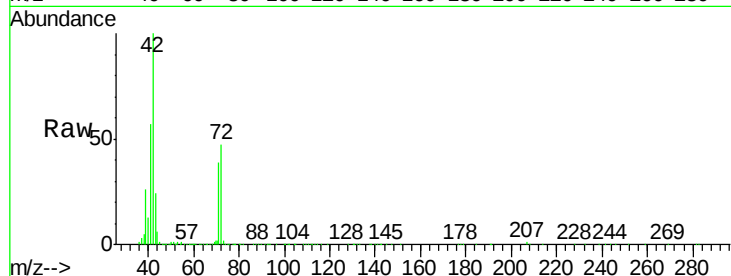
#29
Tetrahydrofuran
Concen: 83.449 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX017718.D
Acq: 31 Jul 2020 22:42

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.6	35.5	53.3
71	40.7	33.0	49.4

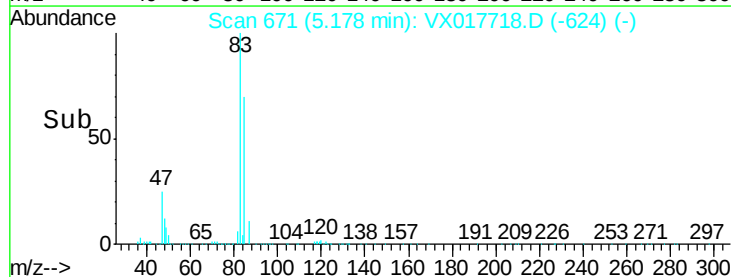
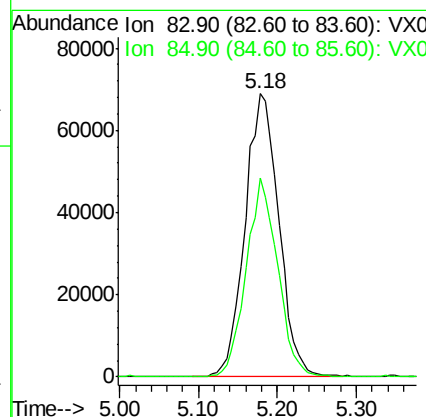
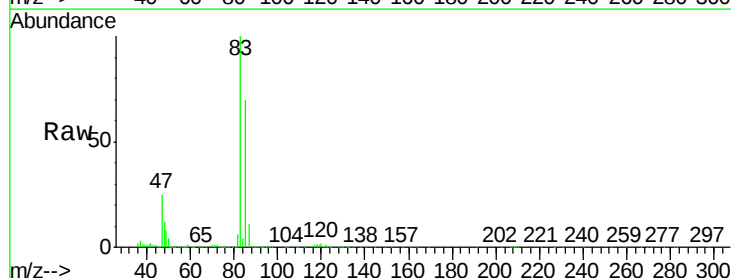
Manual Integrations
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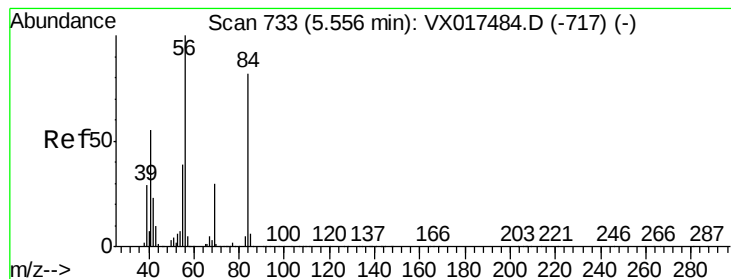
MMDadoda
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#30
Chloroform
Concen: 16.830 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX017718.D
Acq: 31 Jul 2020 22:42

Tgt Ion	Ratio	Lower	Upper
83	100		
85	70.2	51.4	77.2





#31

Cyclohexane

Concen: 16.286 ug/l

RT: 5.56 min Scan# 733

Delta R.T. -0.00 min

Lab File: VX017718.D

Acq: 31 Jul 2020 22:42

Instrument :

MSVOA_X

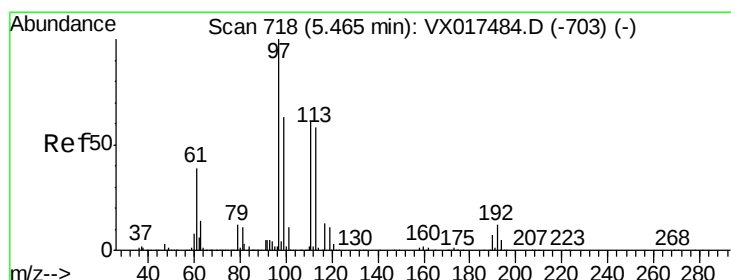
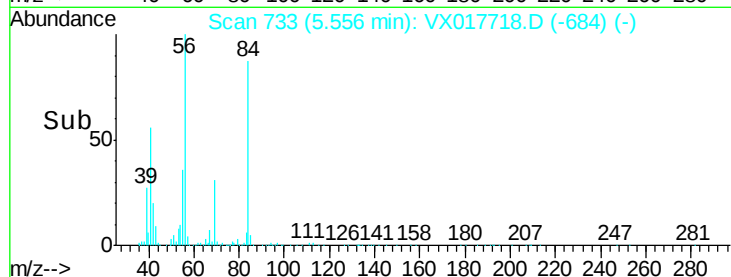
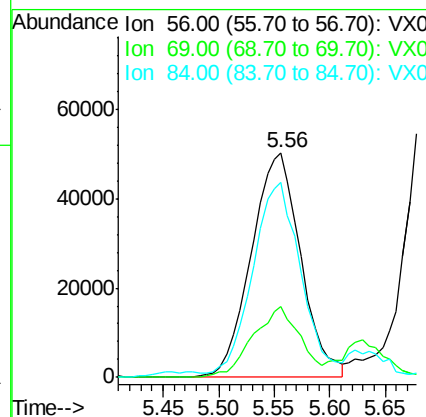
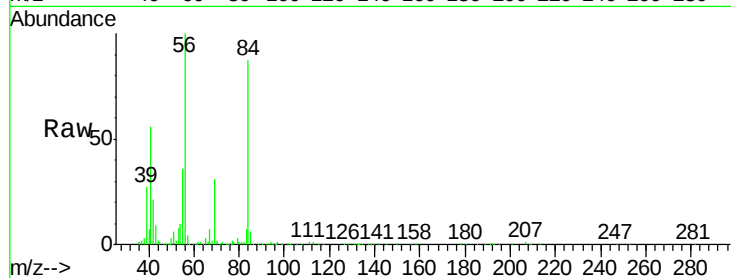
ClientSampleId :

VX0731WBSD02

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.1	24.2	36.4
84	84.3	69.0	103.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 17.312 ug/l

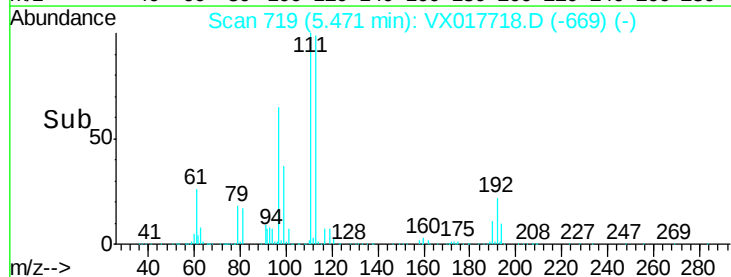
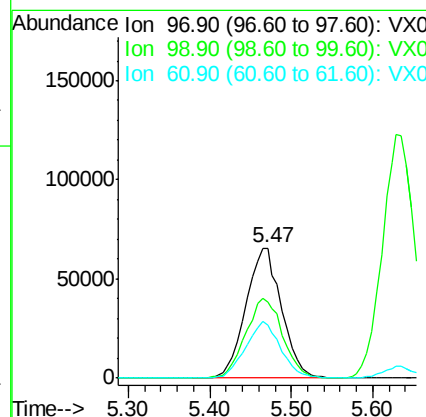
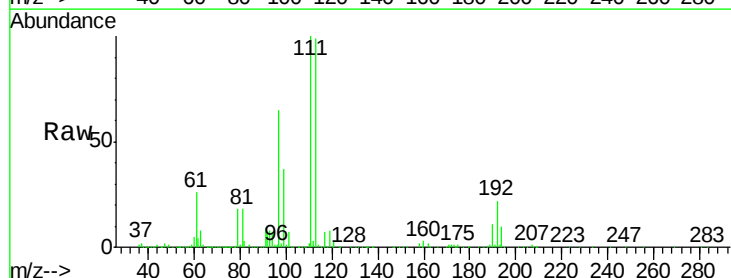
RT: 5.47 min Scan# 719

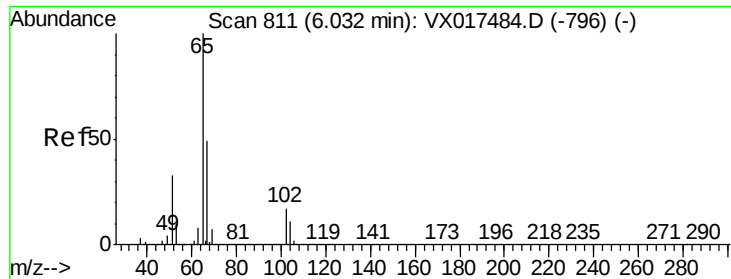
Delta R.T. 0.01 min

Lab File: VX017718.D

Acq: 31 Jul 2020 22:42

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.9	77.9
61	42.8	34.1	51.1





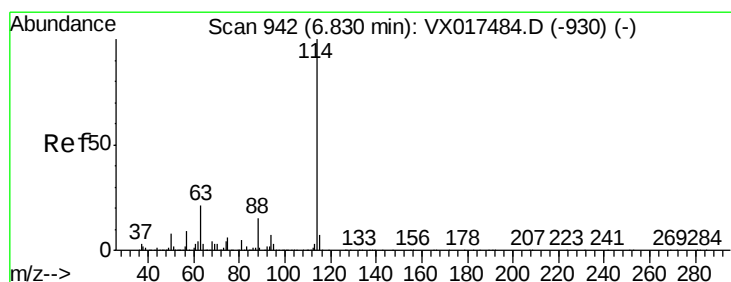
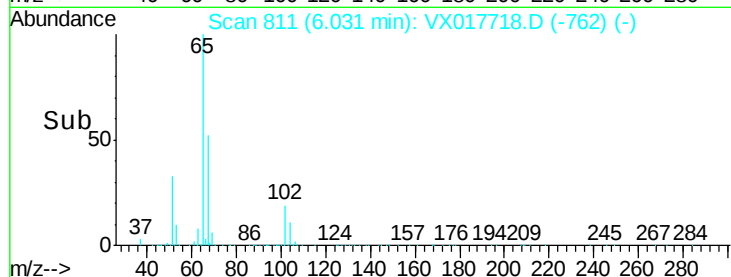
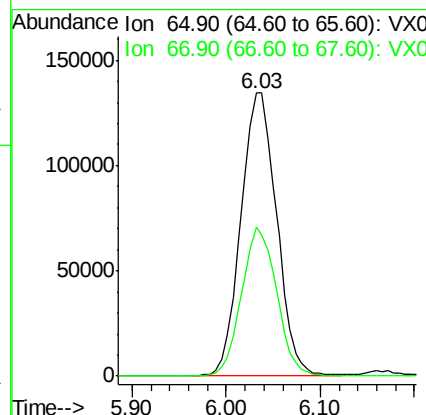
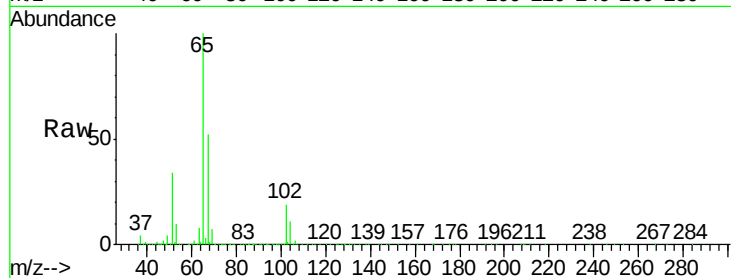
#33
 1,2-Dichloroethane-d4
 Concen: 45.949 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017718.D
 Acq: 31 Jul 2020 22:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	51.8	0.0	102.8	

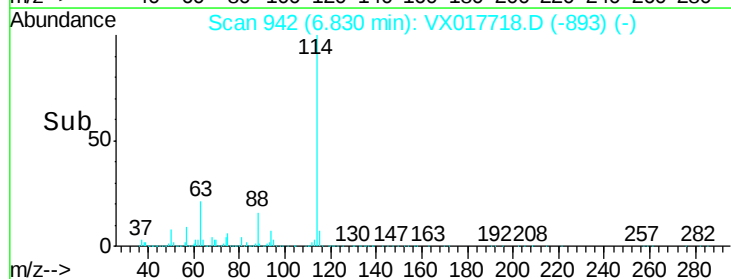
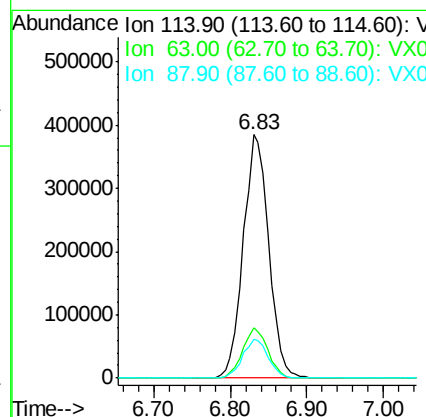
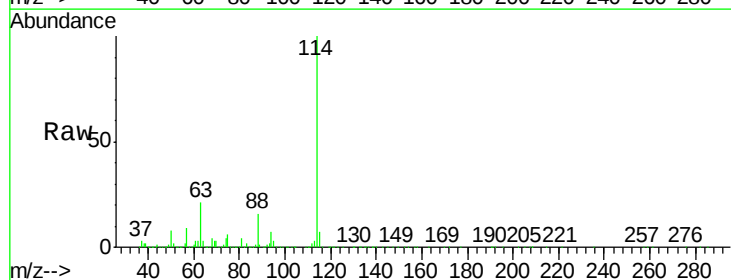
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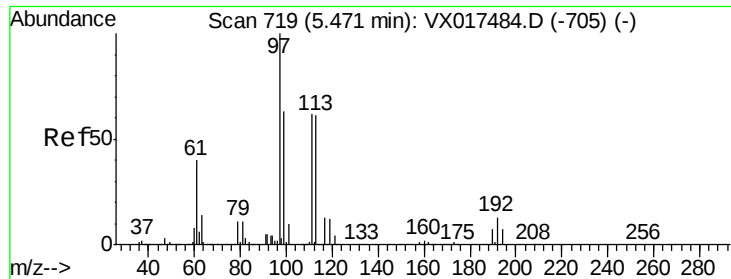
MMDadoda
 8/3/2020 5:02:37 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX017718.D
 Acq: 31 Jul 2020 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.9	0.0	40.6	
88	16.1	0.0	33.4	





#35

Dibromofluoromethane

Concen: 47.917 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX017718.D

Acq: 31 Jul 2020 22:42

Instrument :

MSVOA_X

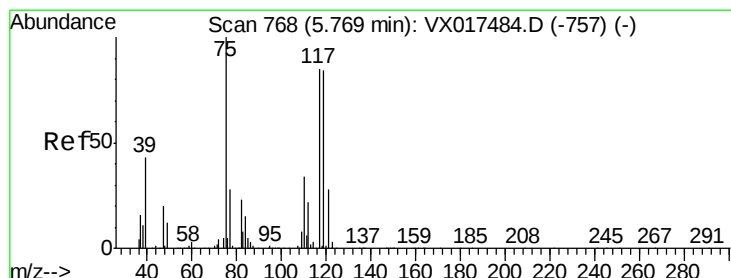
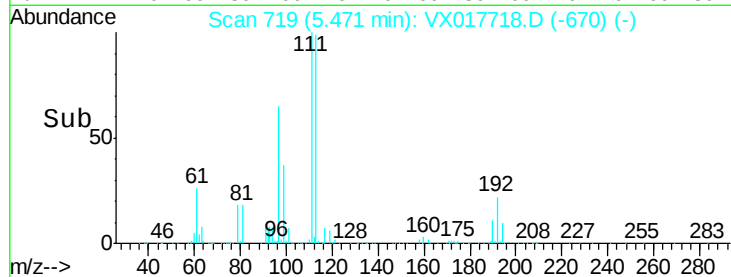
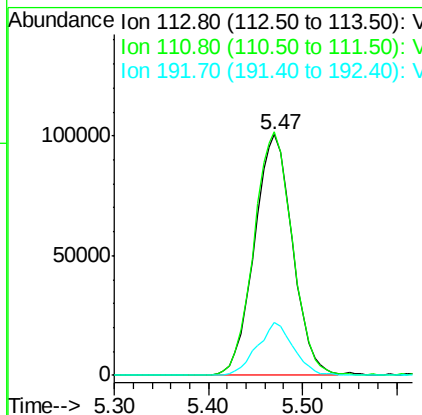
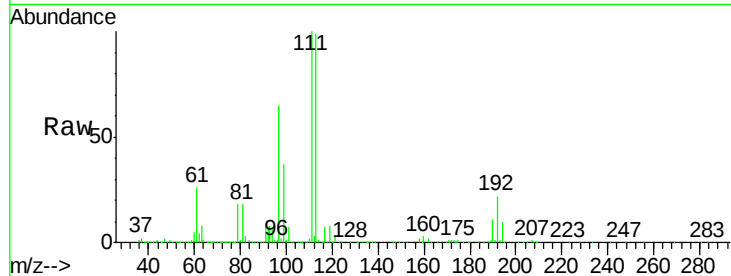
ClientSampleId :

VX0731WBSD02

Tot Ion:	113	Resp:	285088
Ion Ratio	Lower	Upper	
113	100		
111	102.1	80.7	121.1
192	21.0	16.9	25.3

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8/3/2020 5:02:37 PM



#36

1,1-Dichloropropene

Concen: 16.992 ug/l

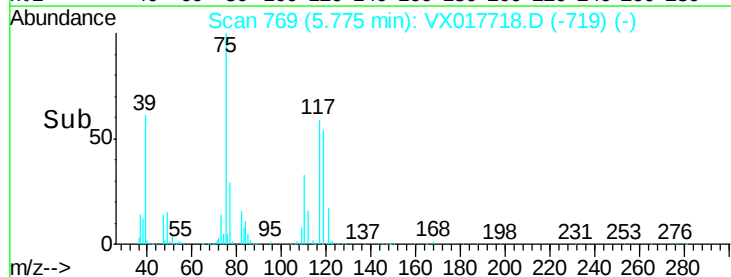
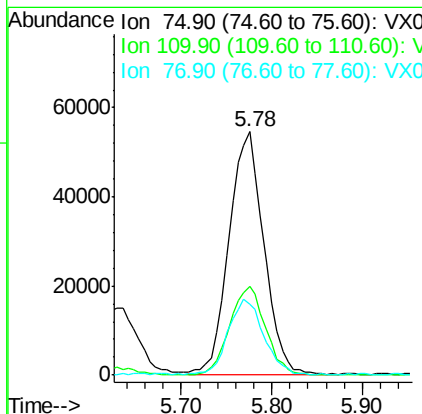
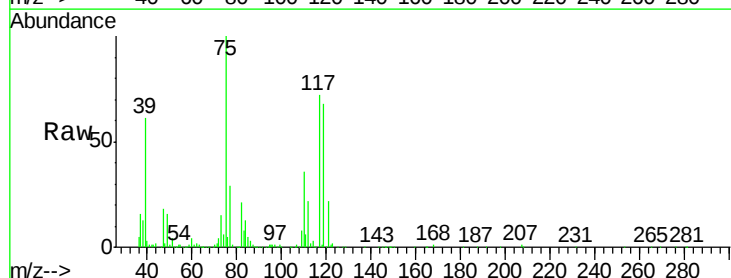
RT: 5.78 min Scan# 769

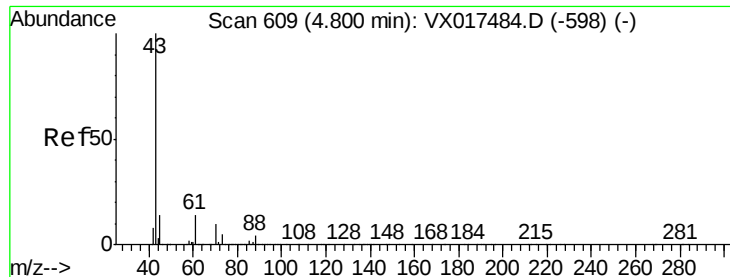
Delta R.T. 0.01 min

Lab File: VX017718.D

Acq: 31 Jul 2020 22:42

Tgt Ion:	75	Resp:	144977
Ion Ratio	Lower	Upper	
75	100		
110	37.7	18.1	54.3
77	32.2	24.6	37.0





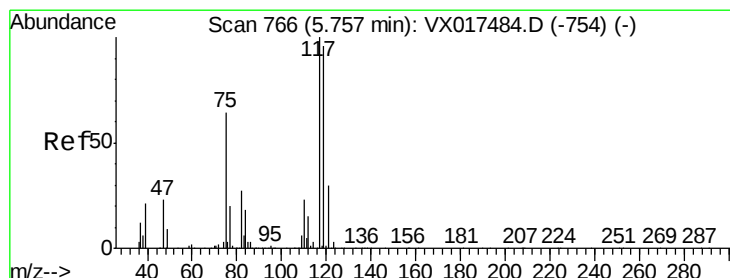
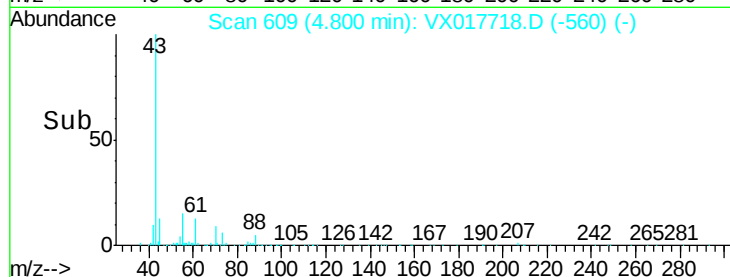
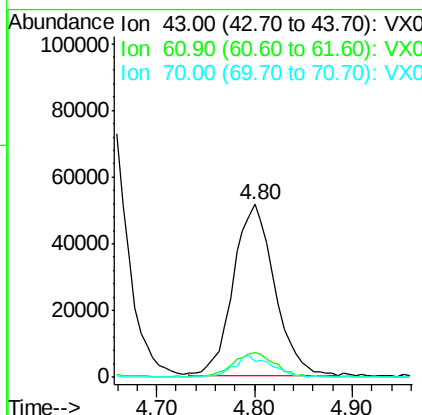
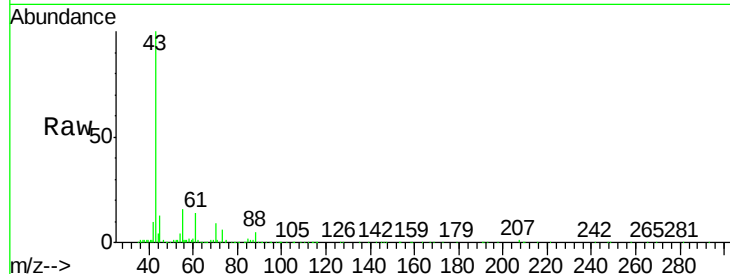
#37
Ethyl Acetate
Concen: 16.233 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX017718.D
Acq: 31 Jul 2020 22:42

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	10.7	16.1
70	11.5	8.5	12.7

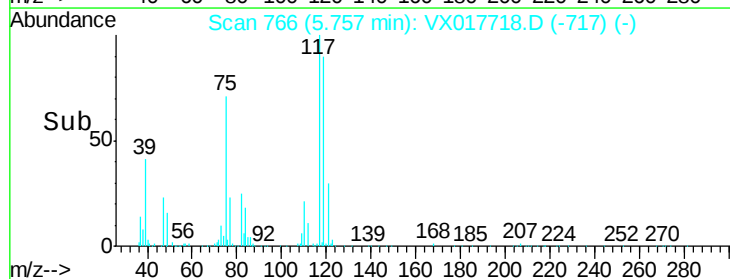
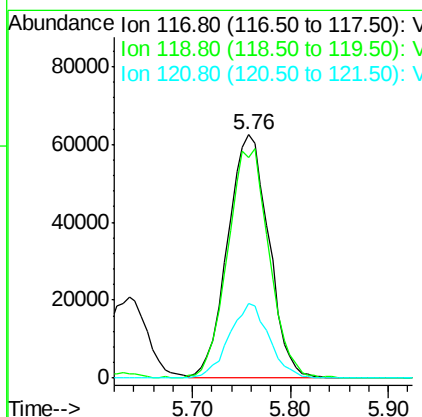
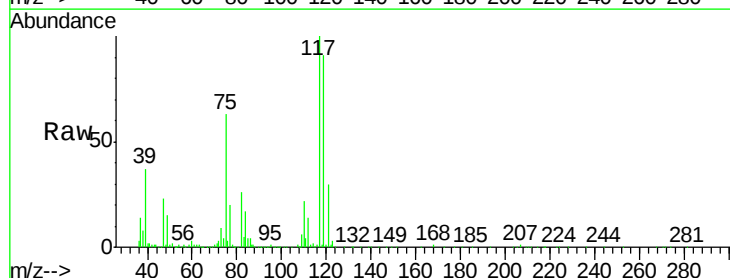
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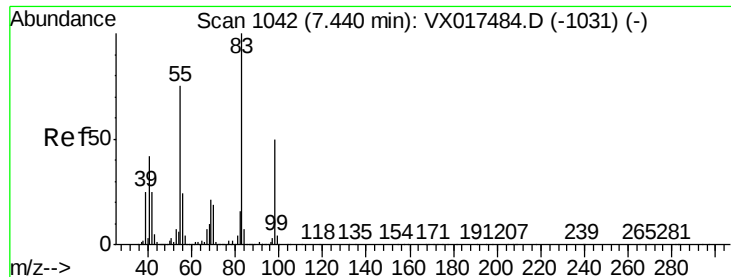
MMDadoda
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#38
Carbon Tetrachloride
Concen: 17.484 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX017718.D
Acq: 31 Jul 2020 22:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.8	75.4	113.0
121	30.5	24.3	36.5





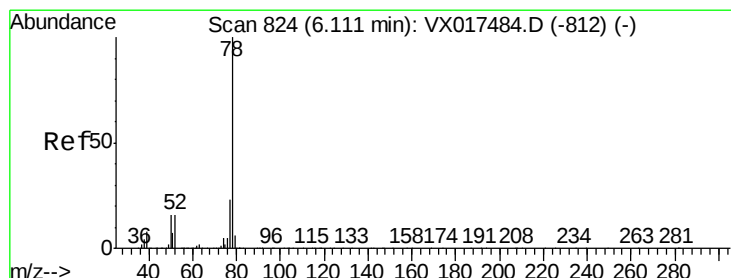
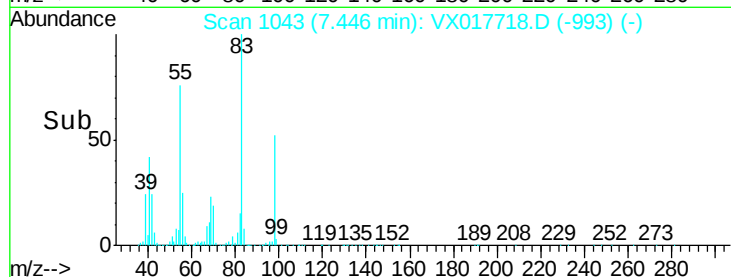
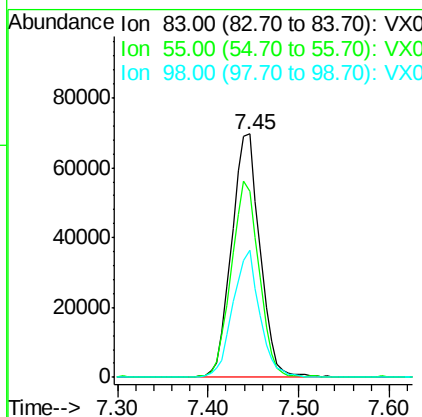
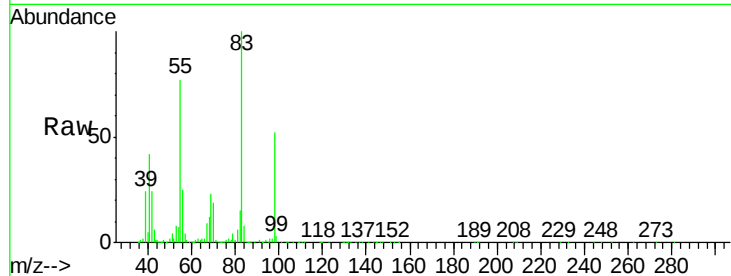
#39
Methvlcvclohexane
Concen: 15.280 ug/l
RT: 7.45 min Scan# 1043
Delta R.T. 0.01 min
Lab File: VX017718.D
Acq: 31 Jul 2020 22:42

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
83	100	152183		
55	76.4		61.8	92.8
98	52.2		36.9	55.3

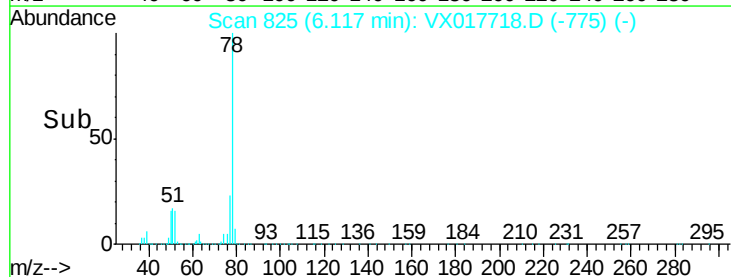
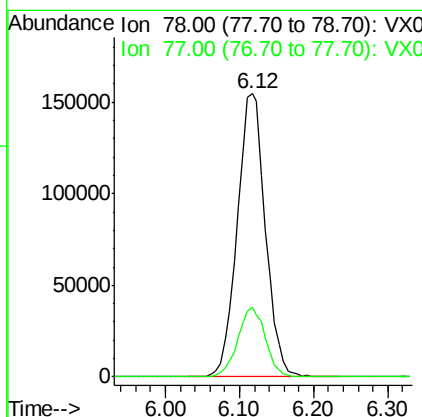
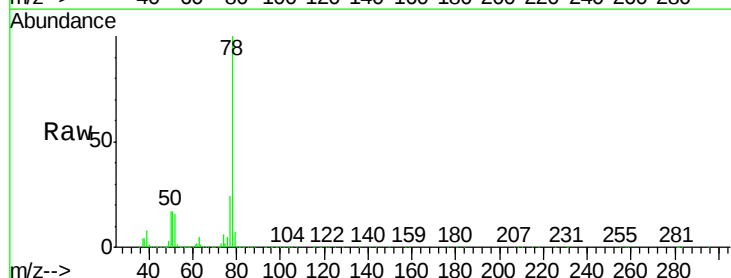
Manual Integrations
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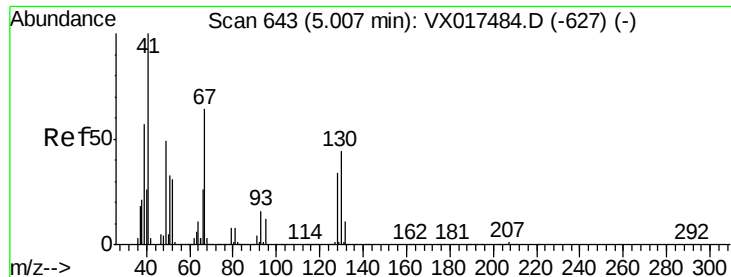
MMDadoda
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#40
Benzene
Concen: 16.716 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX017718.D
Acq: 31 Jul 2020 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	408881		
77	24.4		19.4	29.2





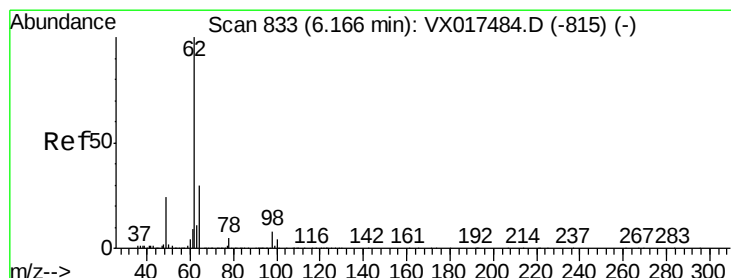
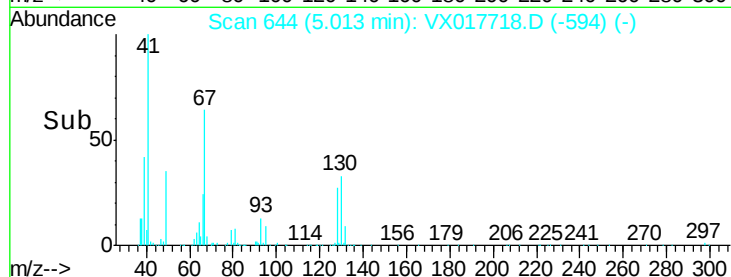
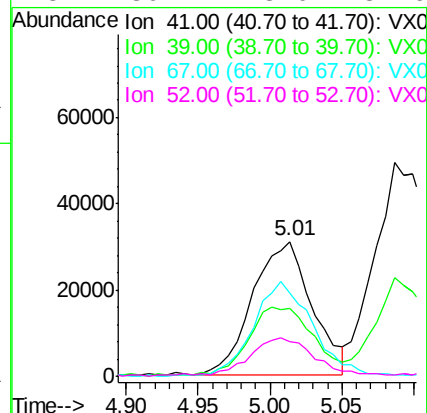
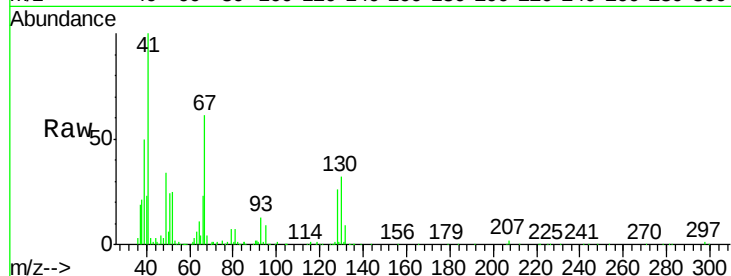
#41
Methacrylonitrile
Concen: 16.560 ug/l
RT: 5.01 min Scan# 644
Delta R.T. 0.01 min
Lab File: VX017718.D
Acq: 31 Jul 2020 22:42

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD02

Tot Ion	Ratio	Lower	Upper
41	100		
39	54.4	43.9	65.9
67	71.1	54.0	81.0
52	30.2	23.0	34.6

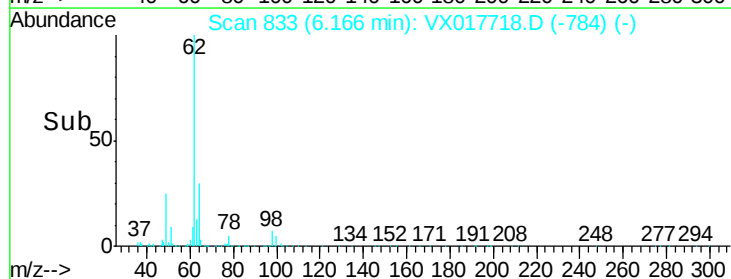
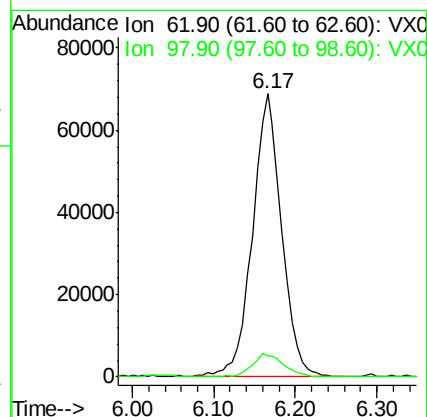
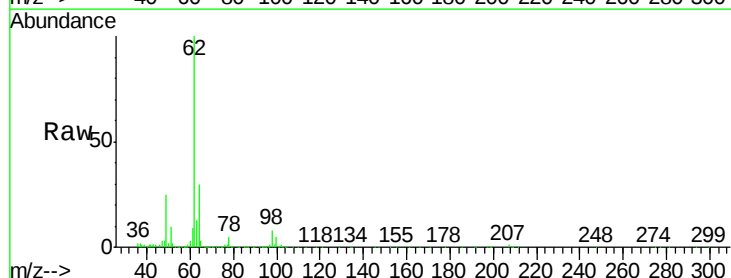
Manual Integrations
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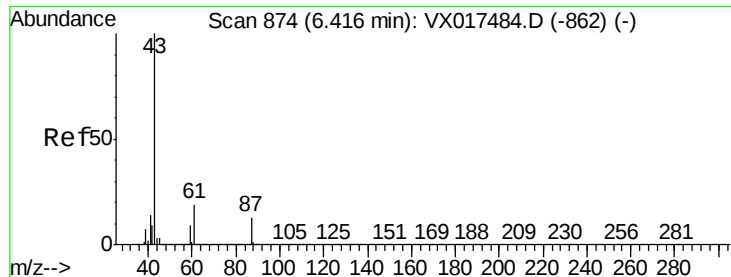
MMDadoda
8/3/2020 5:02:37 PM



#42
1,2-Dichloroethane
Concen: 17.178 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX017718.D
Acq: 31 Jul 2020 22:42

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	16.0





#43

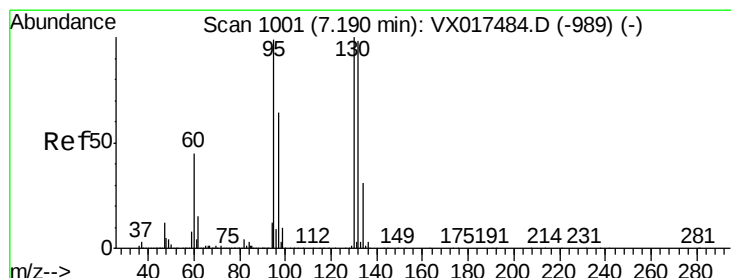
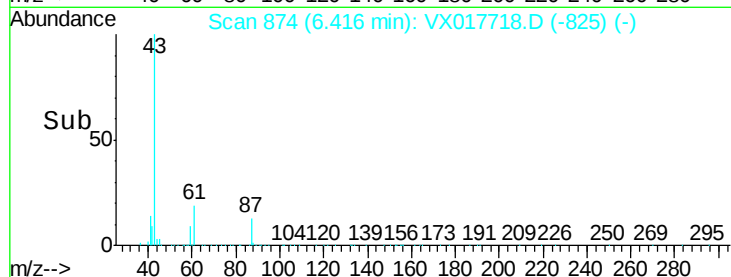
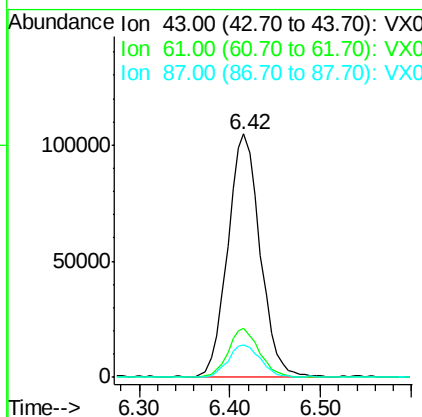
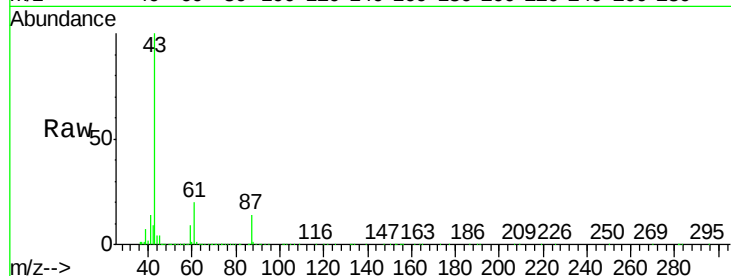
Isopropyl Acetate
 Concen: 16.824 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX017718.D
 Acq: 31 Jul 2020 22:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.2	15.5	23.3
87	13.8	10.5	15.7

Manual Integrations
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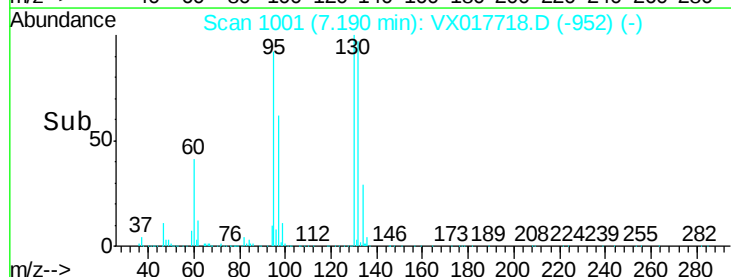
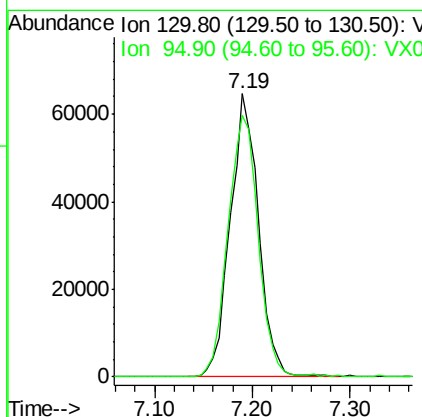
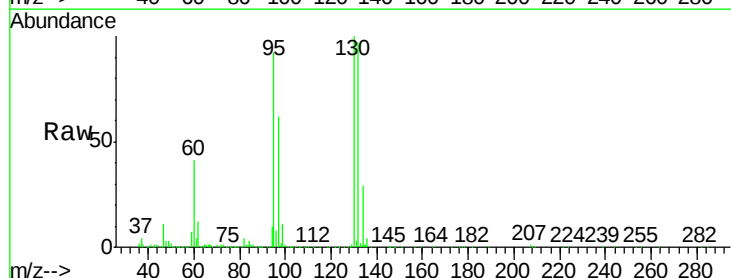
MMDadoda
 8/3/2020 5:02:37 PM

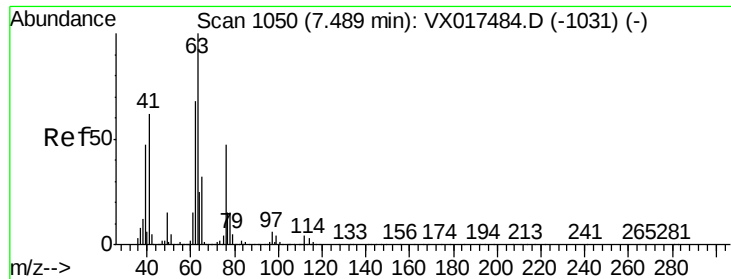


#44

Trichloroethene
 Concen: 18.168 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX017718.D
 Acq: 31 Jul 2020 22:42

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.2	0.0	189.0





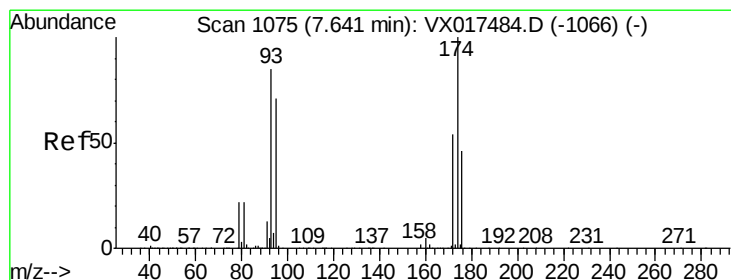
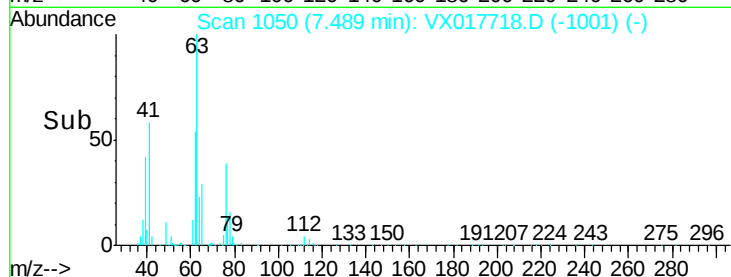
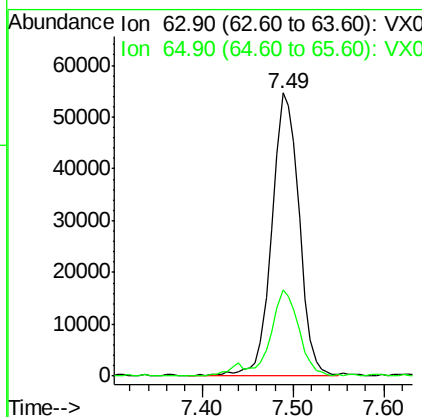
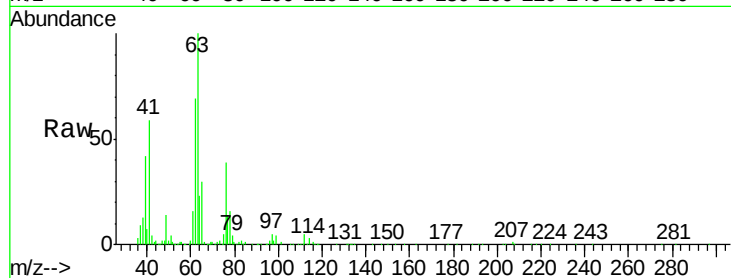
#45
 1,2-Dichloropropane
 Concen: 16.668 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX017718.D
 Acq: 31 Jul 2020 22:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBSD02

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.2	24.5	36.7

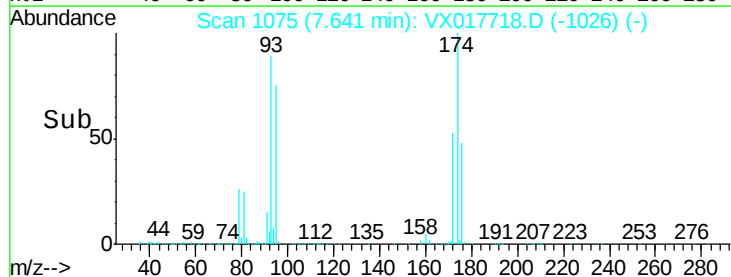
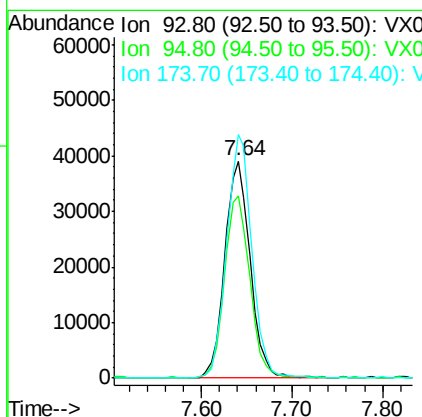
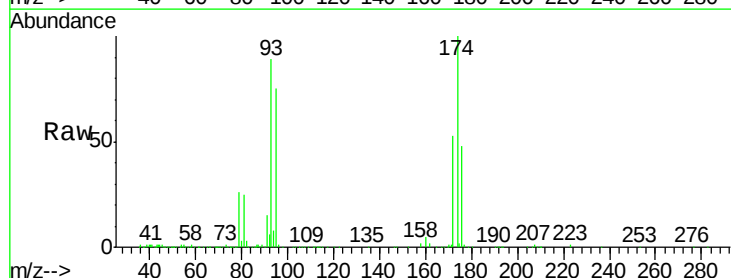
Manual Integrations
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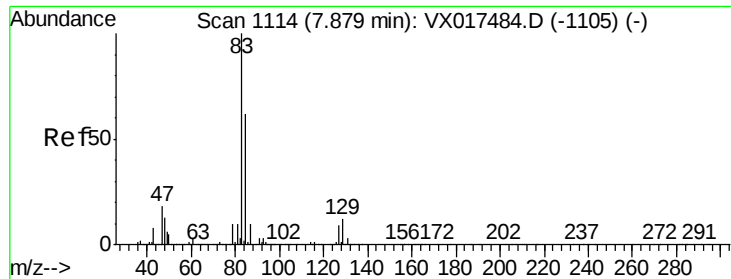
MMDadoda
 8/3/2020 5:02:37 PM



#46
 Dibromomethane
 Concen: 15.873 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX017718.D
 Acq: 31 Jul 2020 22:42

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.3	66.6	99.8
174	111.1	87.0	130.6





#47

Bromodichloromethane

Concen: 17.529 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017718.D

Acq: 31 Jul 2020 22:42

Instrument :

MSVOA_X

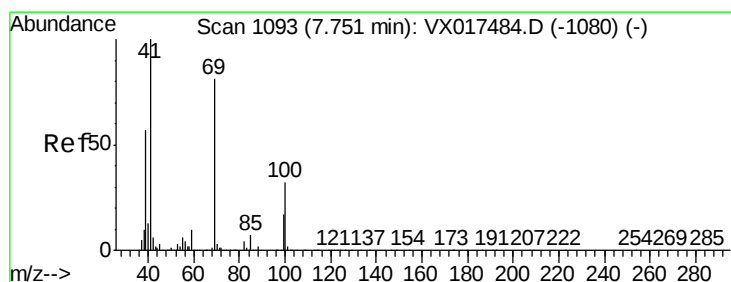
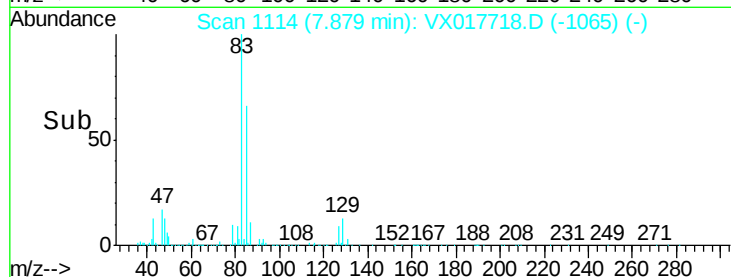
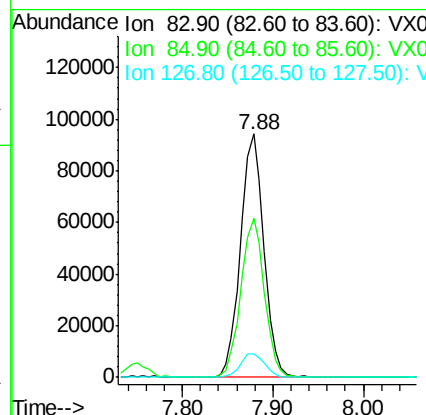
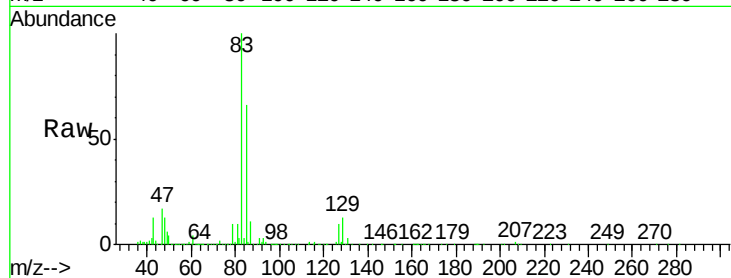
ClientSampleId :

VX0731WBSD02

Tot Ion:	83	Resp:	169024
Ion	Ratio	Lower	Upper
83	100		
85	65.5	51.8	77.8
127	9.4	7.4	11.2

Manual Integrations
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8/3/2020 5:02:37 PM



#48

Methyl methacrylate

Concen: 17.110 ug/l

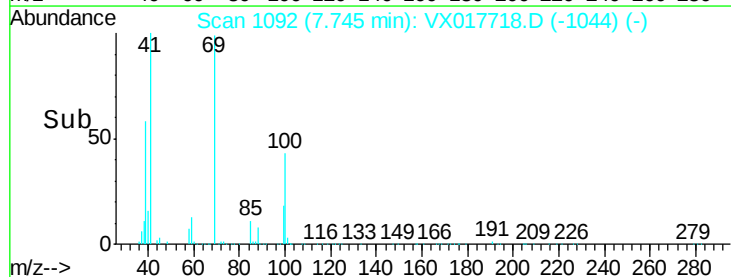
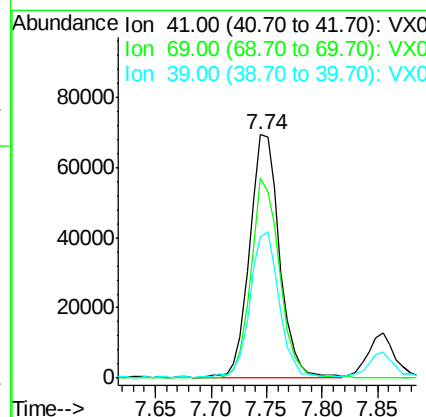
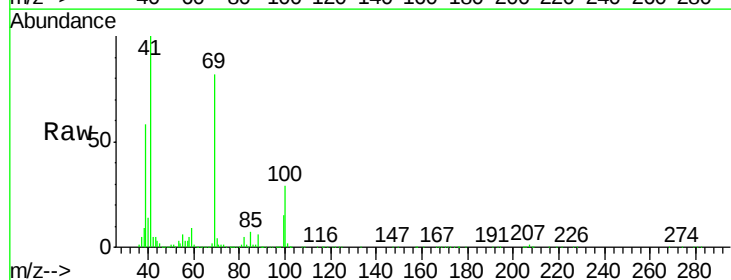
RT: 7.74 min Scan# 1092

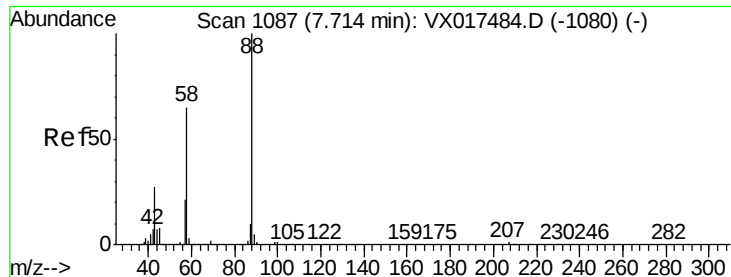
Delta R.T. -0.01 min

Lab File: VX017718.D

Acq: 31 Jul 2020 22:42

Tgt Ion:	41	Resp:	130633
Ion	Ratio	Lower	Upper
41	100		
69	78.0	63.1	94.7
39	57.2	45.1	67.7





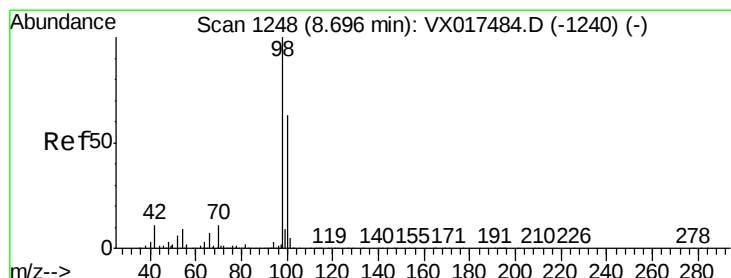
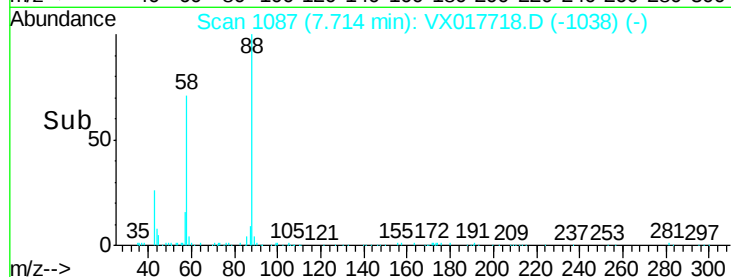
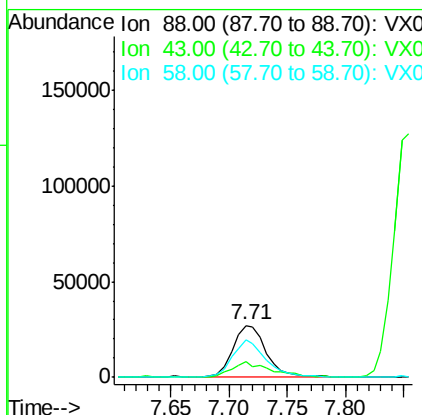
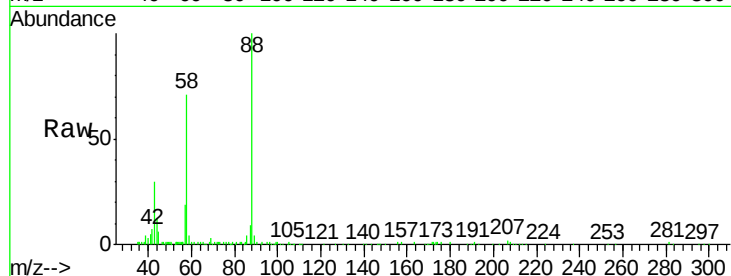
#49
1,4-Dioxane
Concen: 371.078 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017718.D
Acq: 31 Jul 2020 22:42

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD02

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.1	27.8	41.6
58	72.2	58.3	87.5

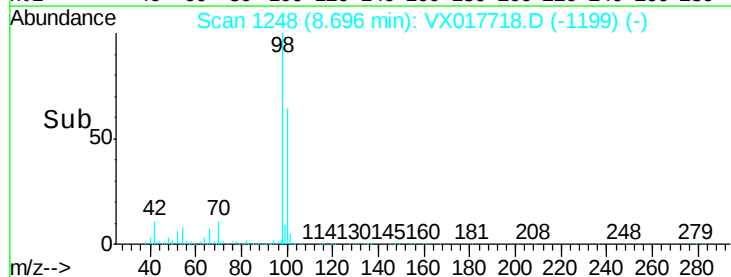
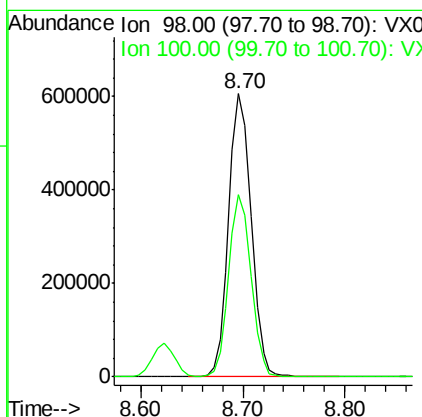
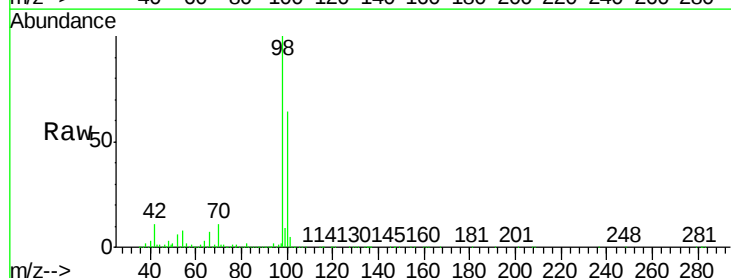
Manual Integrations
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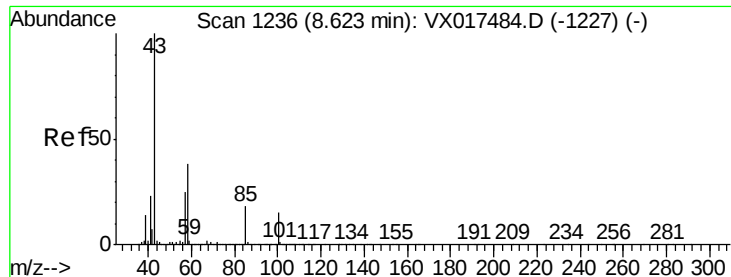
MMDadoda
8/3/2020 5:02:37 PM



#50
Toluene-d8
Concen: 43.211 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX017718.D
Acq: 31 Jul 2020 22:42

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	52.3	78.5





#51

4-Methyl-2-Pentanone

Concen: 77.871 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017718.D

Acq: 31 Jul 2020 22:42

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBSD02

Tot Ion: 43 Resp: 715642

Ion Ratio Lower Upper

43 100

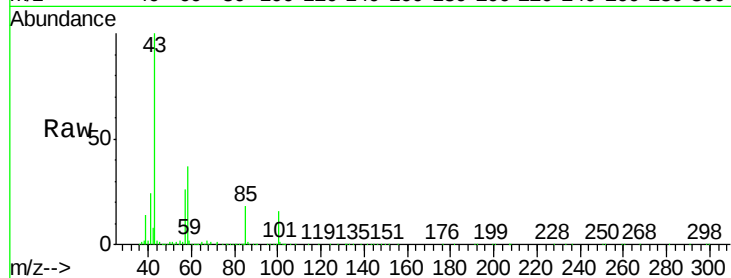
58 37.9 31.0 46.4

Manual Integrations

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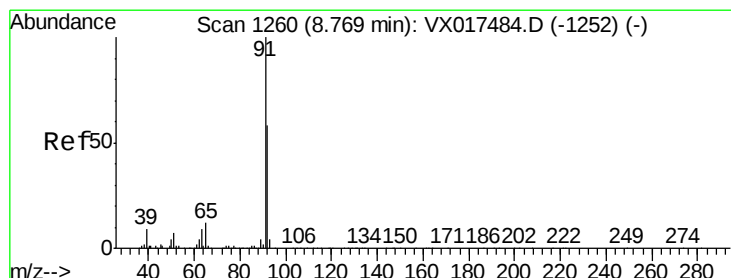
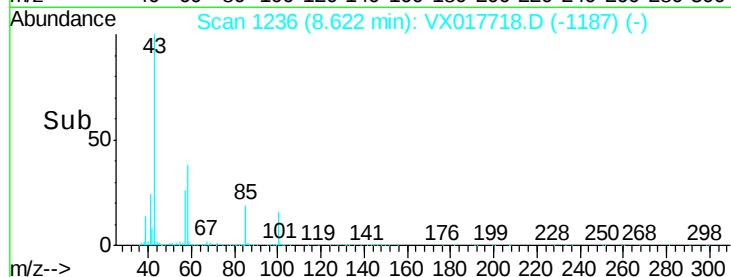
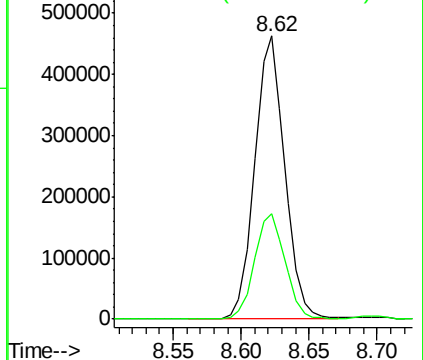
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 17.946 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX017718.D

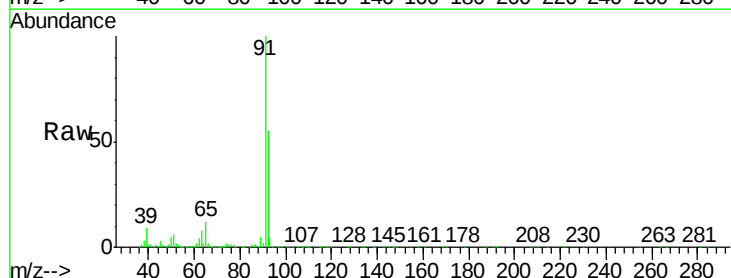
Acq: 31 Jul 2020 22:42

Tgt Ion: 92 Resp: 281514

Ion Ratio Lower Upper

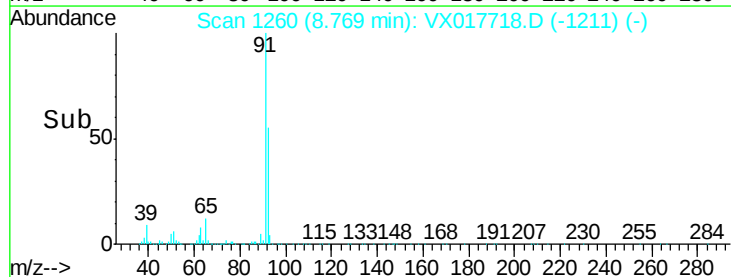
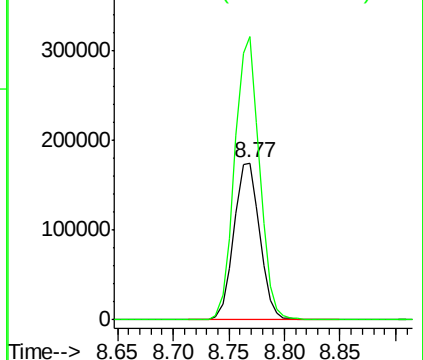
92 100

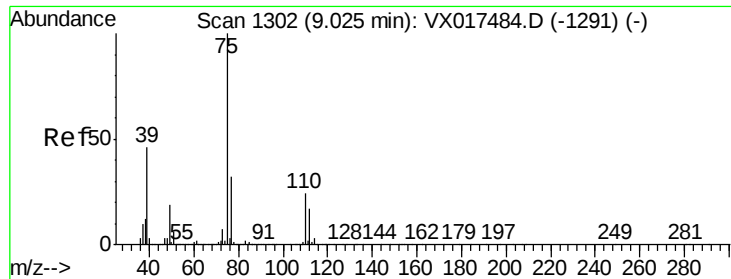
91 172.7 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 16.634 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017718.D

Acq: 31 Jul 2020 22:42

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBSD02

Tot Ion: 75 Resp: 179541

Ion Ratio Lower Upper

75 100

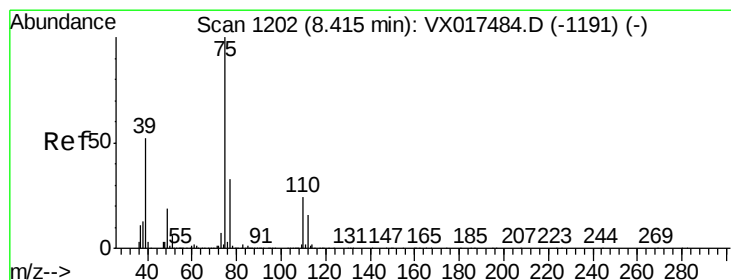
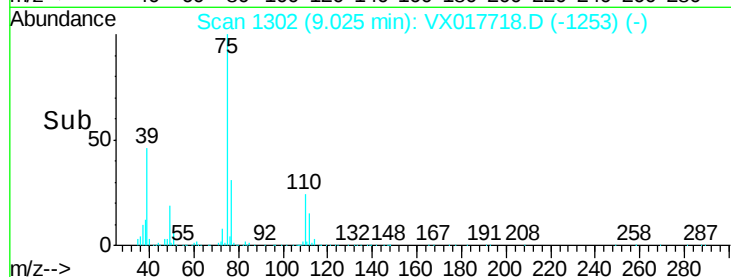
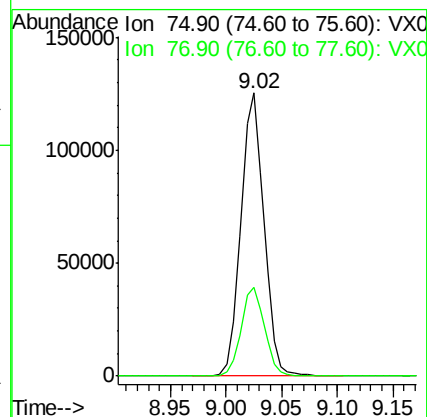
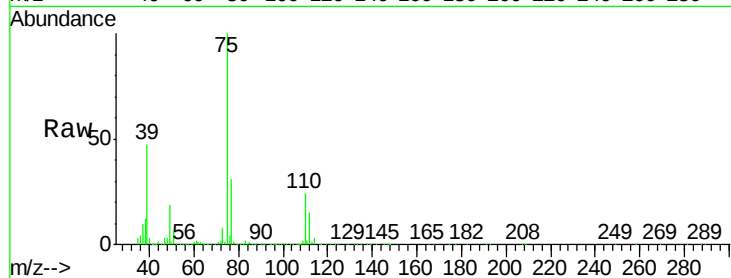
77 31.3 25.5 38.3

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 15.177 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX017718.D

Acq: 31 Jul 2020 22:42

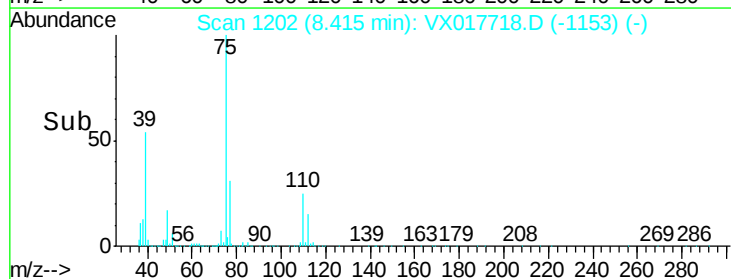
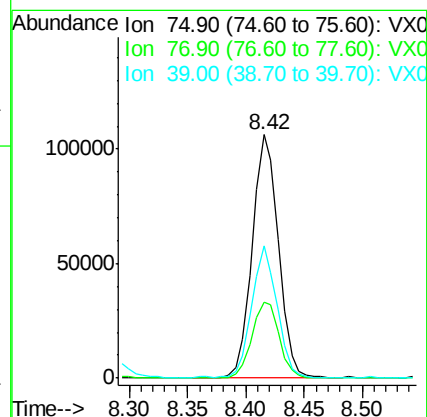
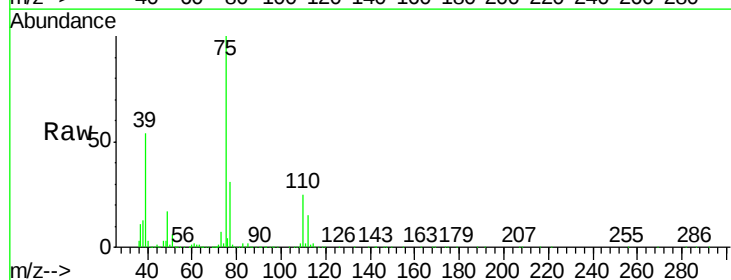
Tgt Ion: 75 Resp: 167091

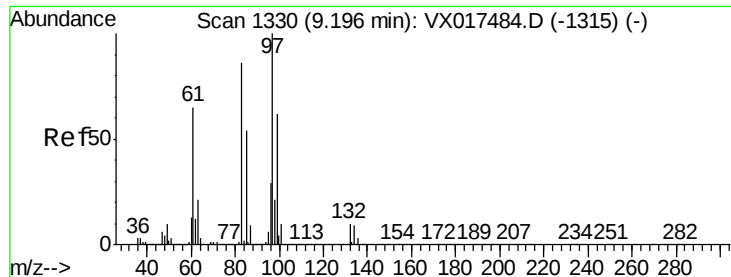
Ion Ratio Lower Upper

75 100

77 31.0 25.5 38.3

39 53.9 41.8 62.8





#55

1,1,2-Trichloroethane

Concen: 18.324 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX017718.D

Acq: 31 Jul 2020 22:42

Instrument :

MSVOA_X

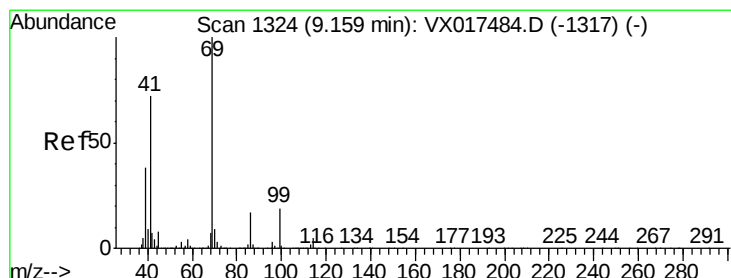
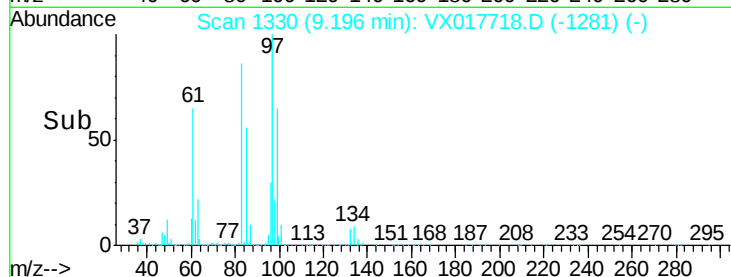
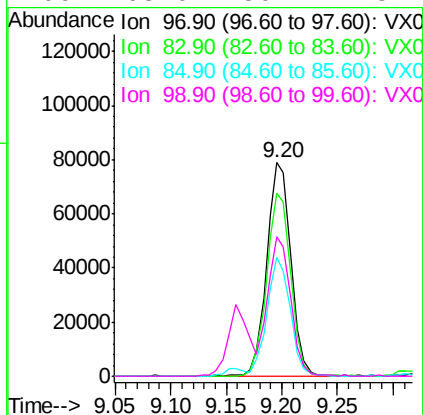
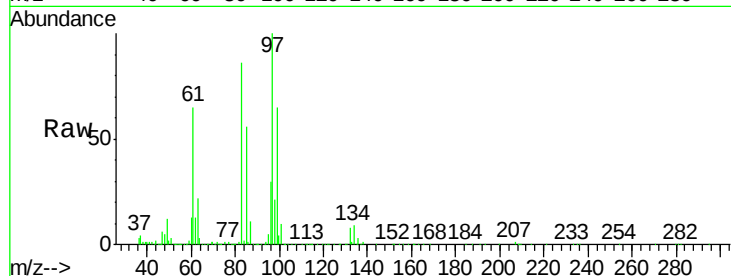
ClientSampleId :

VX0731WBSD02

Tot Ion:	97	Resp:	119741
Ion	Ratio	Lower	Upper
97	100		
83	85.8	67.6	101.4
85	55.8	44.6	67.0
99	65.0	50.2	75.4

Manual Integrations
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#56

Ethyl methacrylate

Concen: 17.244 ug/l

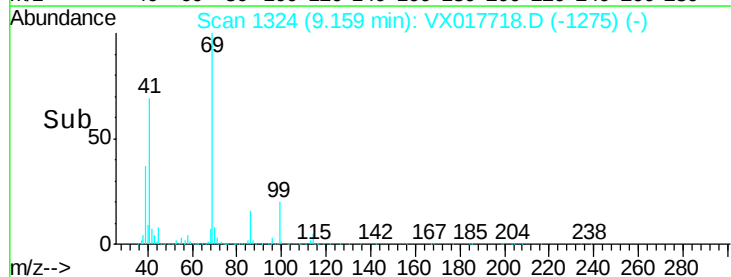
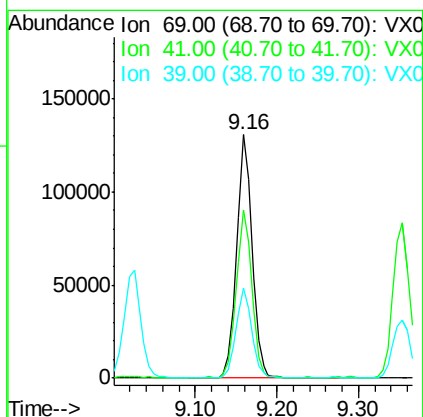
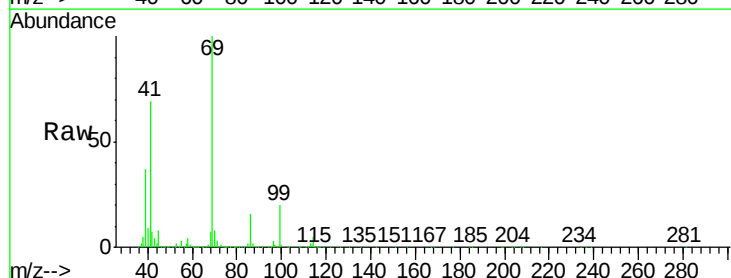
RT: 9.16 min Scan# 1324

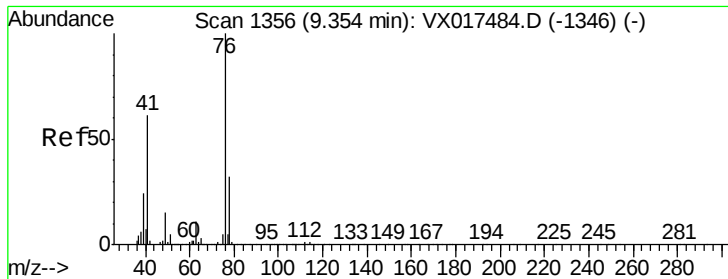
Delta R.T. 0.00 min

Lab File: VX017718.D

Acq: 31 Jul 2020 22:42

Tgt Ion:	69	Resp:	169775
Ion	Ratio	Lower	Upper
69	100		
41	68.6	55.0	82.6
39	37.5	30.0	45.0





#57

1,3-Dichloropropane

Concen: 18.041 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017718.D

Acq: 31 Jul 2020 22:42

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBSD02

Tot Ion: 76 Resp: 194132

Ion Ratio Lower Upper

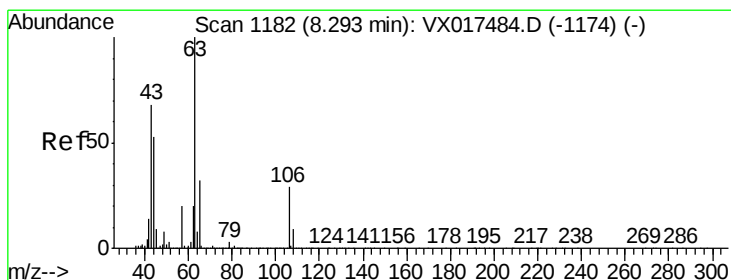
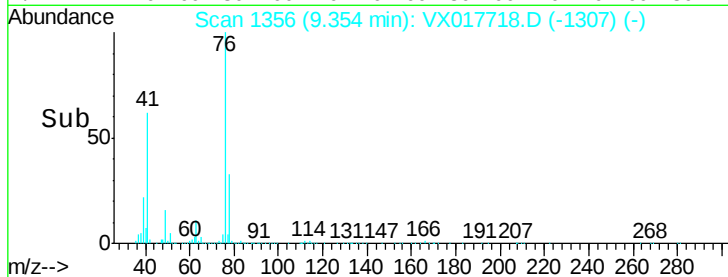
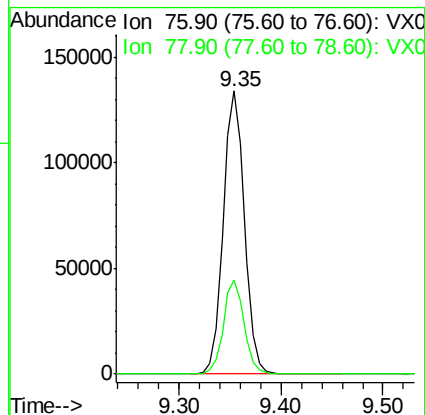
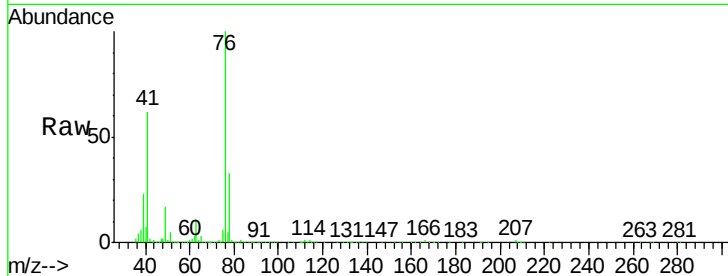
76 100

78 32.5 25.8 38.8

Manual Integrations
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#58

2-Chloroethyl Vinyl ether

Concen: 68.944 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX017718.D

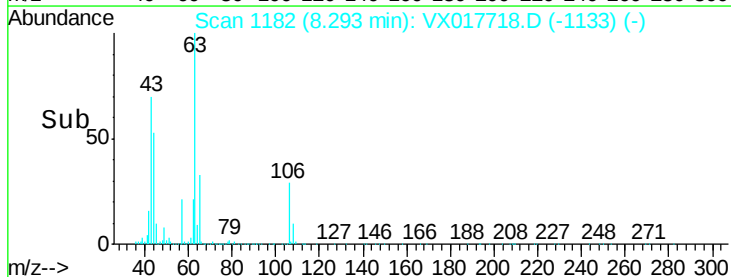
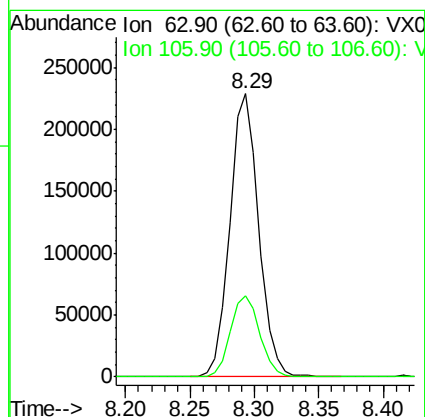
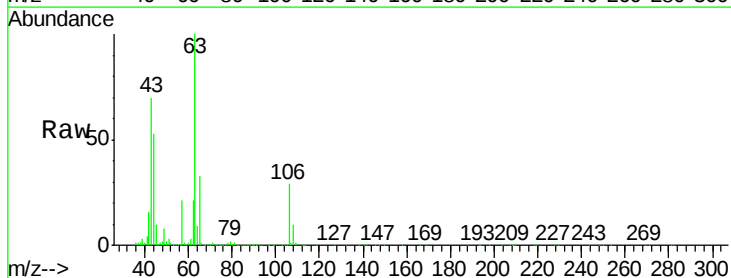
Acq: 31 Jul 2020 22:42

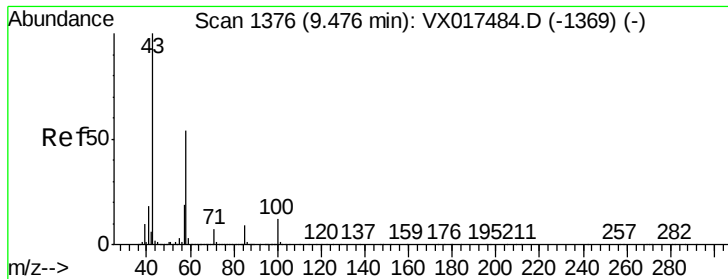
Tgt Ion: 63 Resp: 357608

Ion Ratio Lower Upper

63 100

106 29.3 22.6 34.0





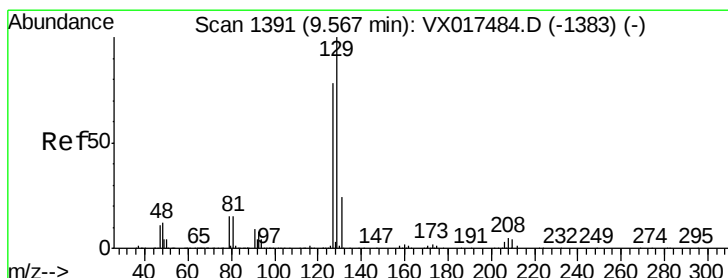
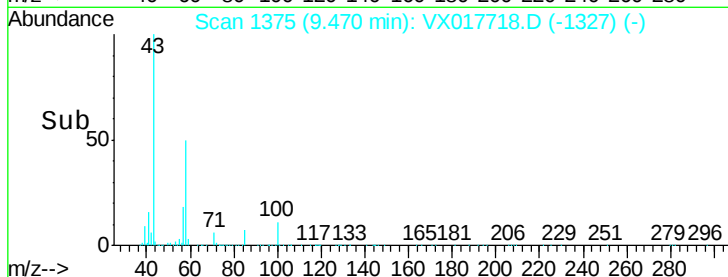
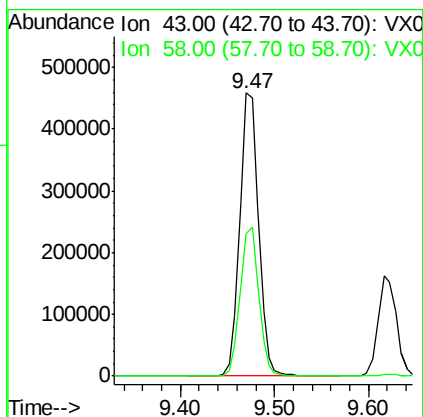
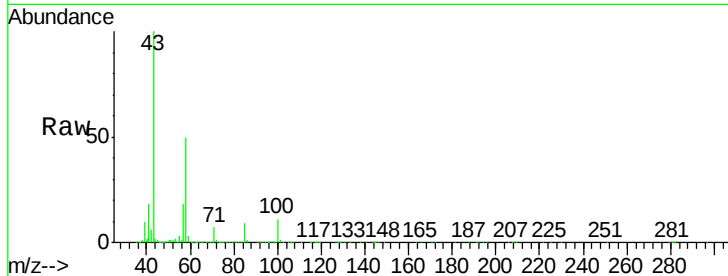
#59
2-Hexanone
Concen: 92.367 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX017718.D
Acq: 31 Jul 2020 22:42

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
58	52.1	26.6	79.8

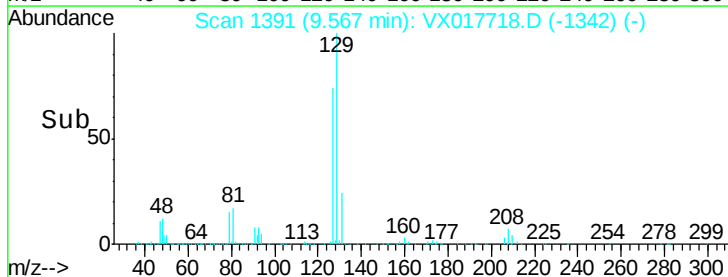
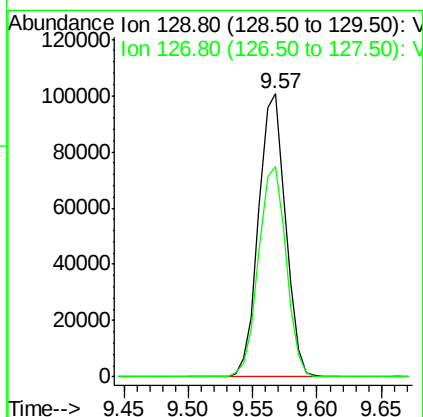
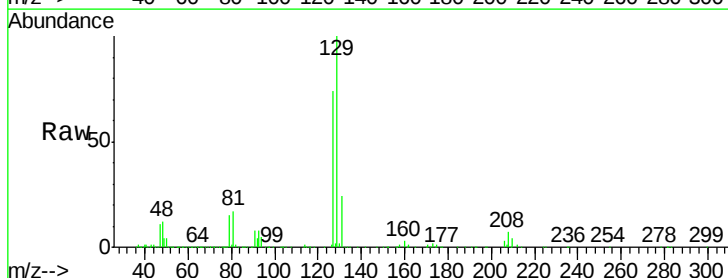
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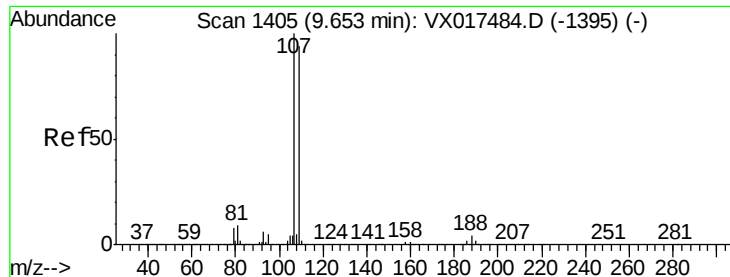
MMDadoda
8/3/2020 5:02:37 PM



#60
Dibromochloromethane
Concen: 17.521 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017718.D
Acq: 31 Jul 2020 22:42

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.2	38.4	115.1





#61

1,2-Dibromoethane

Concen: 17.421 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017718.D

Acq: 31 Jul 2020 22:42

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBSD02

Tot Ion: 107 Resp: 121206

Ion Ratio Lower Upper

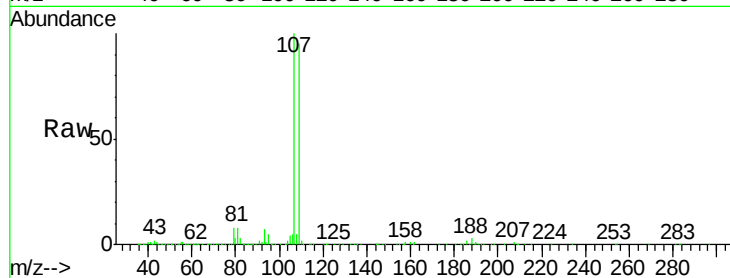
107 100

109 94.1 74.9 112.3

Manual Integrations
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

100000

80000

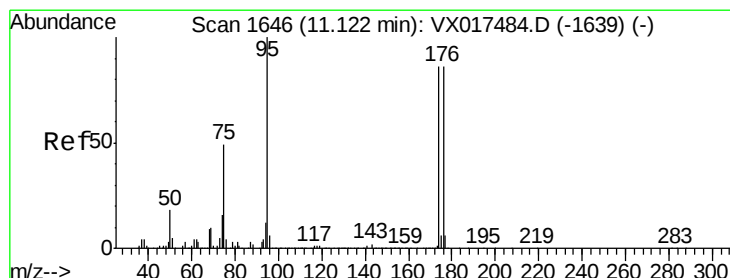
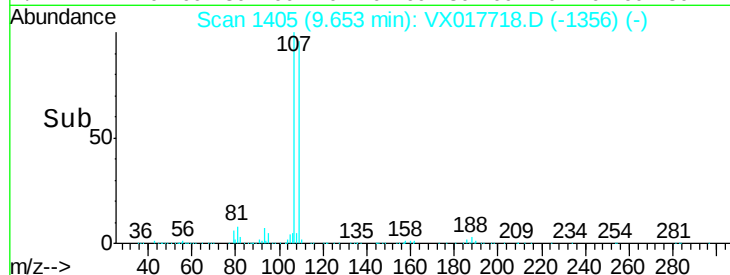
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 42.737 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017718.D

Acq: 31 Jul 2020 22:42

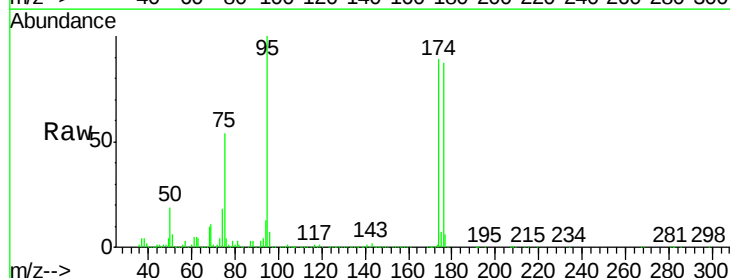
Tgt Ion: 95 Resp: 367087

Ion Ratio Lower Upper

95 100

174 85.0 0.0 169.0

176 83.3 0.0 161.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

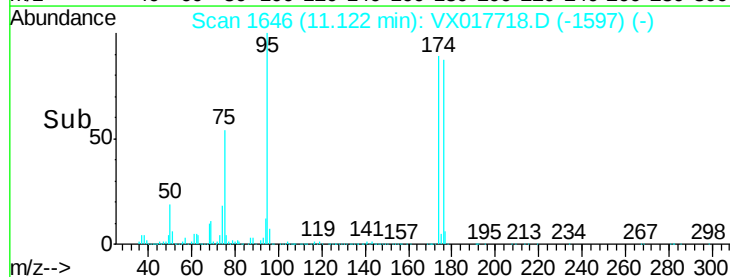
300000

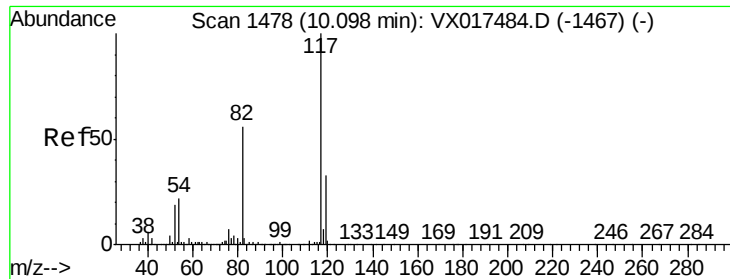
200000

100000

0

Time-->





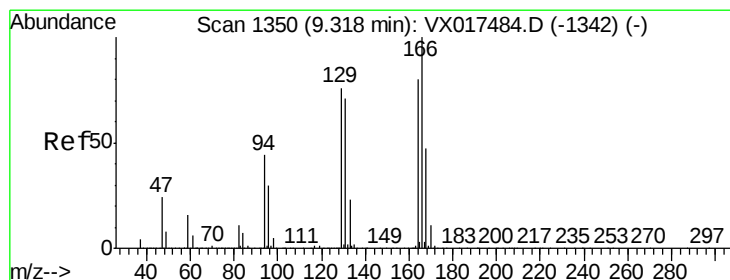
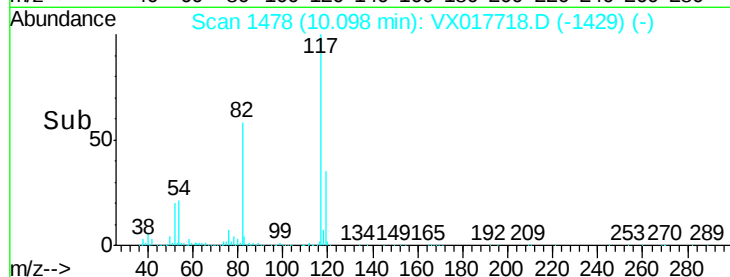
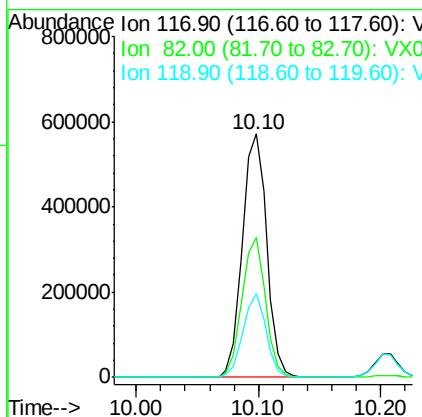
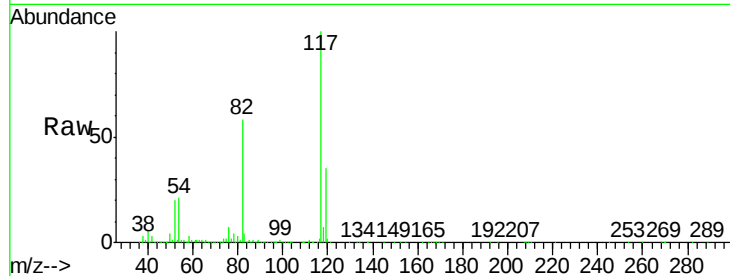
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017718.D
Acq: 31 Jul 2020 22:42

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD02

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	57.6	44.0	66.0
119	34.5	25.4	38.0

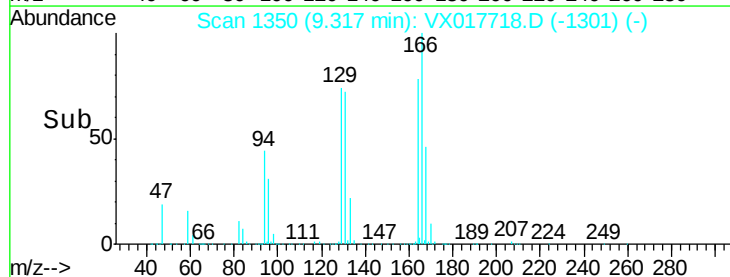
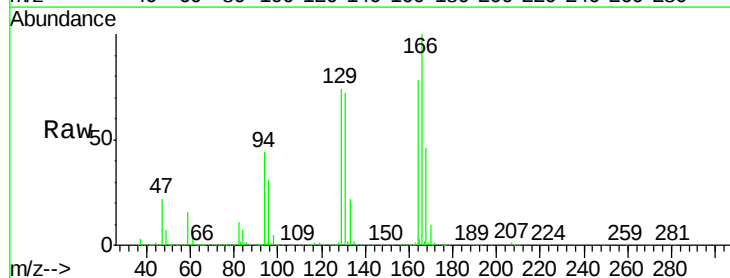
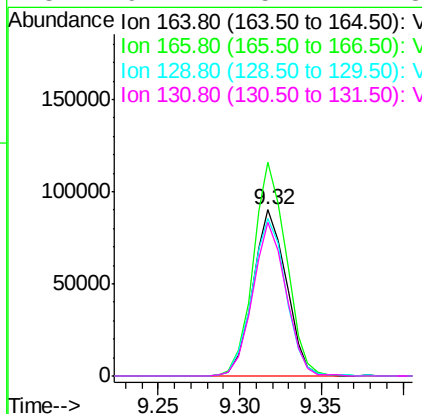
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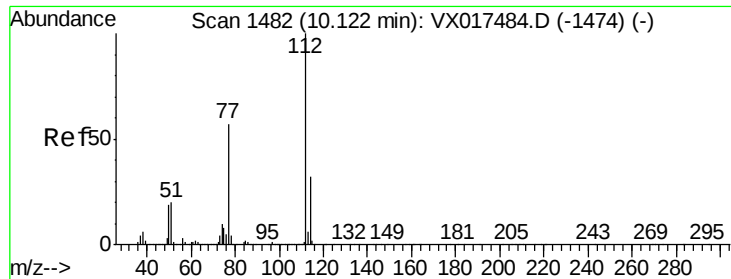
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#64
Tetrachloroethene
Concen: 18.242 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017718.D
Acq: 31 Jul 2020 22:42

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
166	128.5	100.6	150.8
129	94.9	75.0	112.6
131	92.4	75.2	112.8





#65

Chlorobenzene

Concen: 16.290 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017718.D

Acq: 31 Jul 2020 22:42

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBSD02

Tot Ion:112 Resp: 277601

Ion Ratio Lower Upper

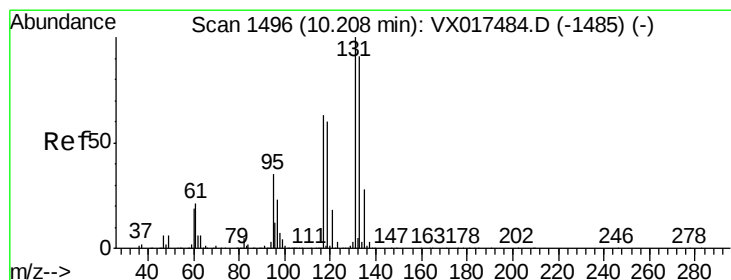
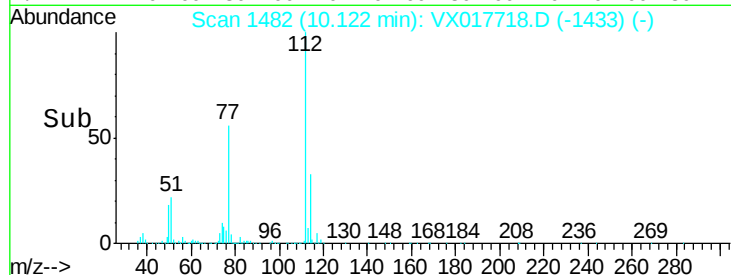
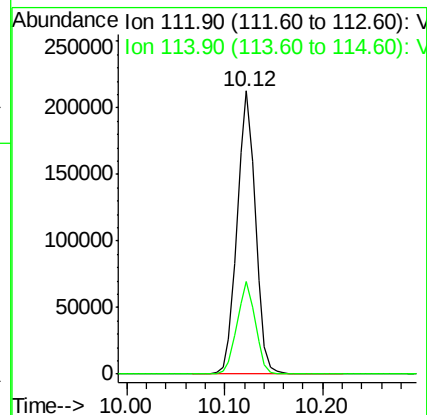
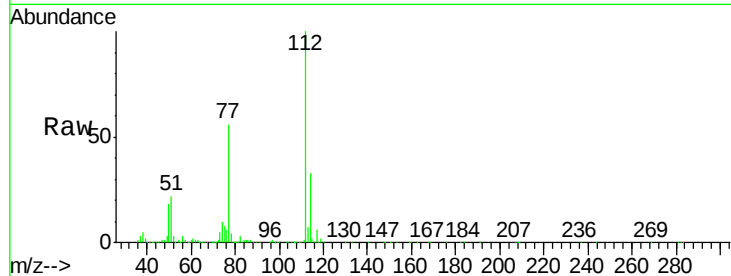
112 100

114 32.8 25.7 38.5

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#66

1,1,1,2-Tetrachloroethane

Concen: 17.250 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX017718.D

Acq: 31 Jul 2020 22:42

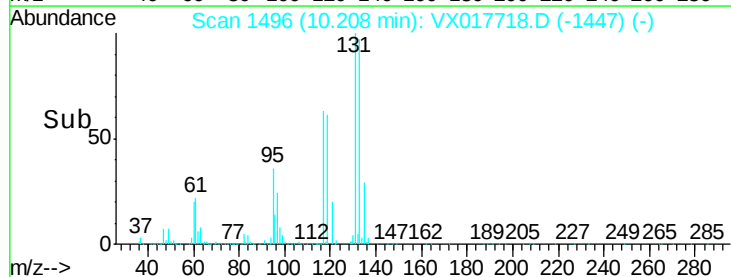
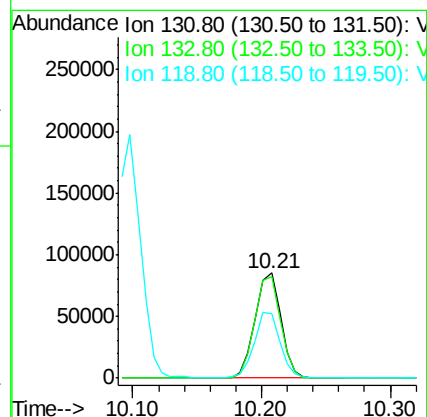
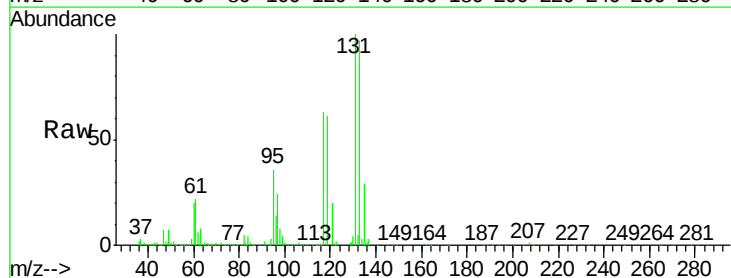
Tgt Ion:131 Resp: 118641

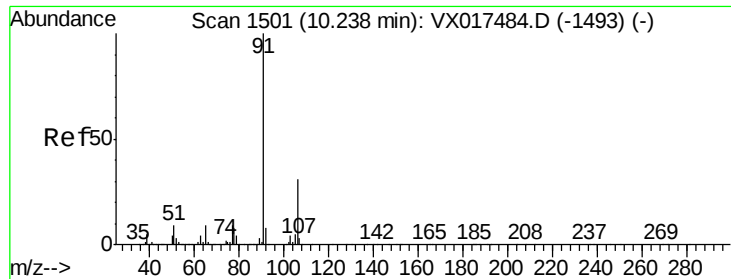
Ion Ratio Lower Upper

131 100

133 96.1 47.9 143.6

119 61.8 31.1 93.3





#67

Ethyl Benzene

Concen: 16.916 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX017718.D

Acq: 31 Jul 2020 22:42

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBSD02

Tot Ion: 91 Resp: 481211

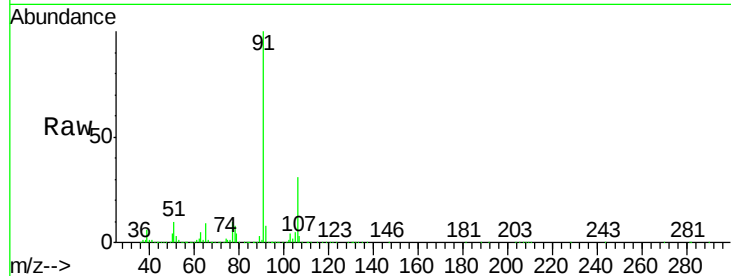
Ion Ratio Lower Upper

91 100

106 31.2 25.8 38.6

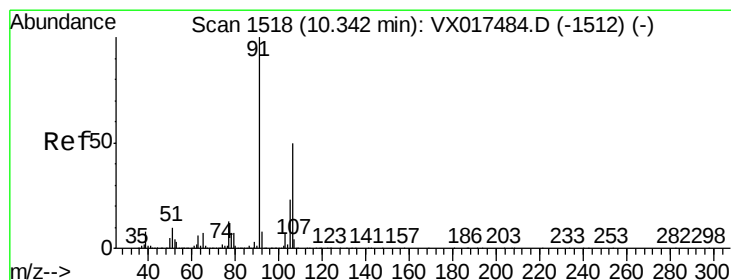
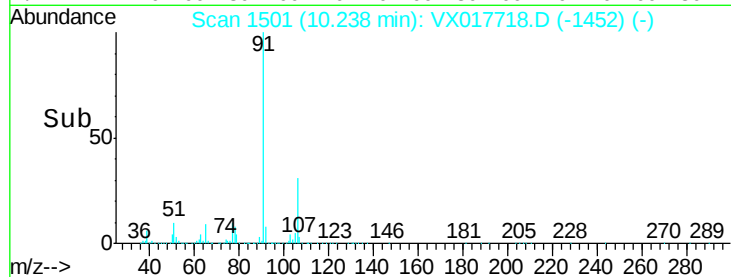
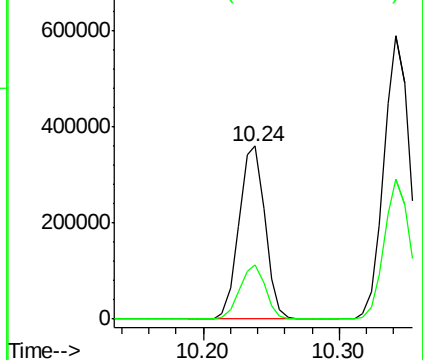
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 35.123 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX017718.D

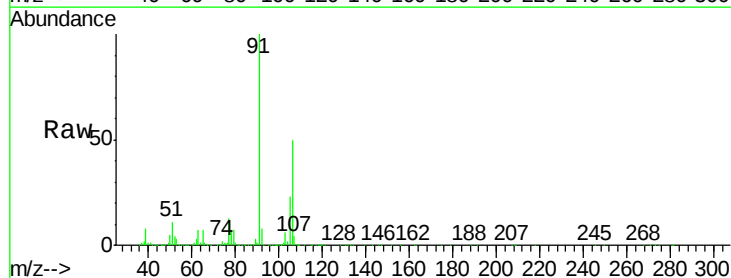
Acq: 31 Jul 2020 22:42

Tgt Ion: 106 Resp: 387064

Ion Ratio Lower Upper

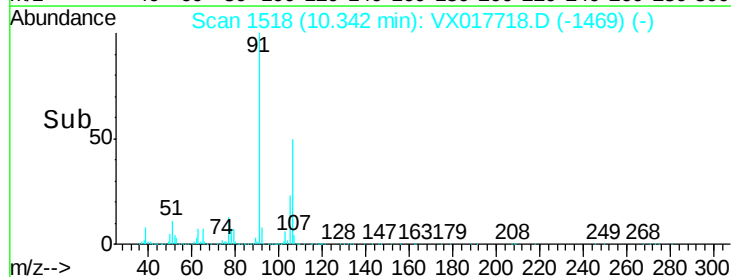
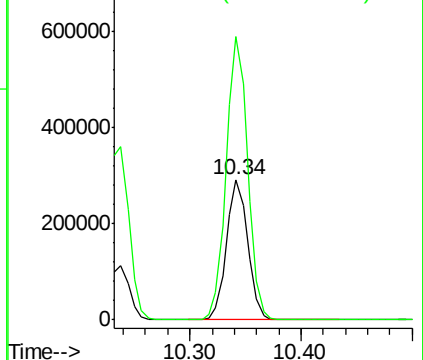
106 100

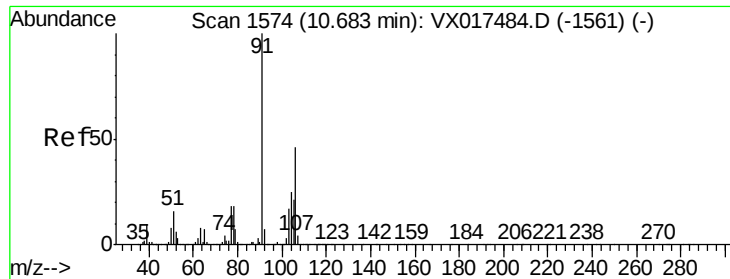
91 203.0 160.9 241.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





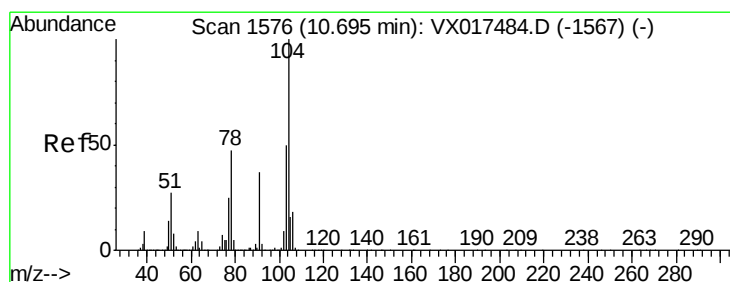
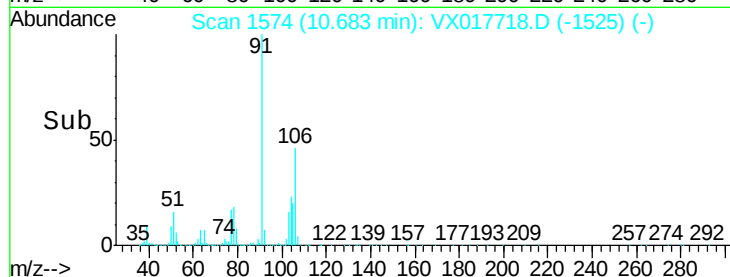
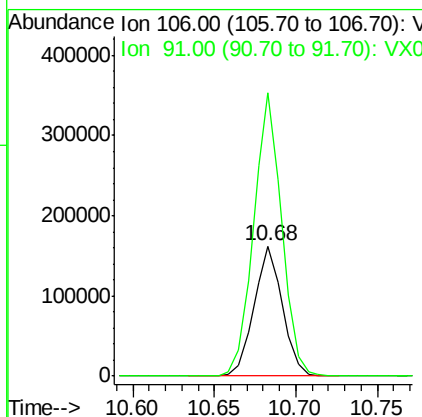
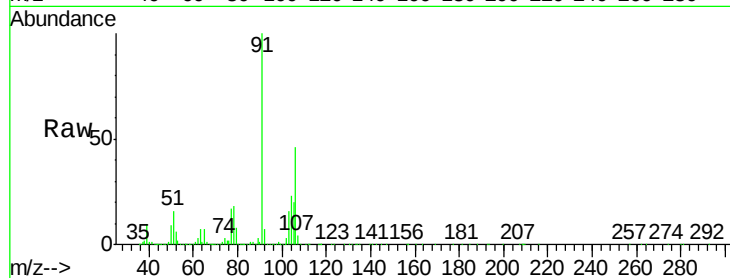
#69
o-Xylene
Concen: 18.481 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX017718.D
Acq: 31 Jul 2020 22:42

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD02

Tot Ion	Ratio	Lower	Upper
106	100		
91	215.5	108.2	324.6

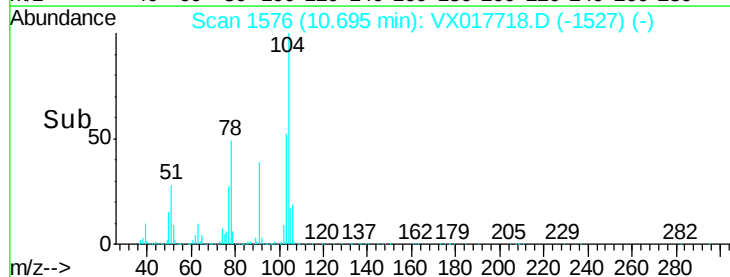
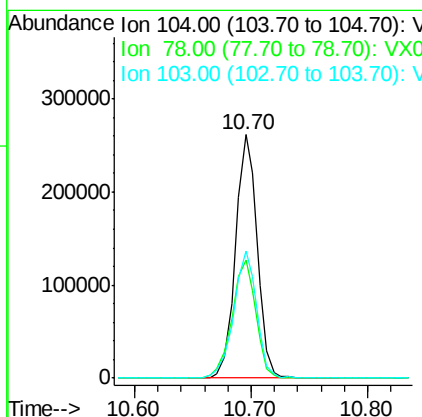
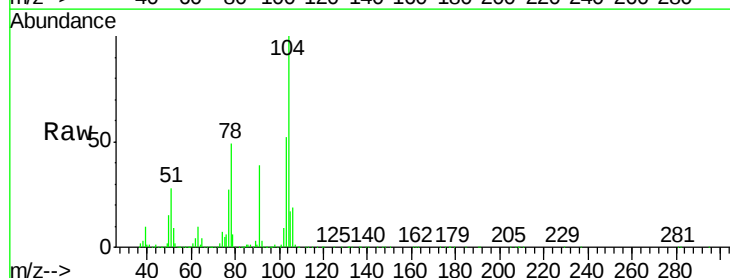
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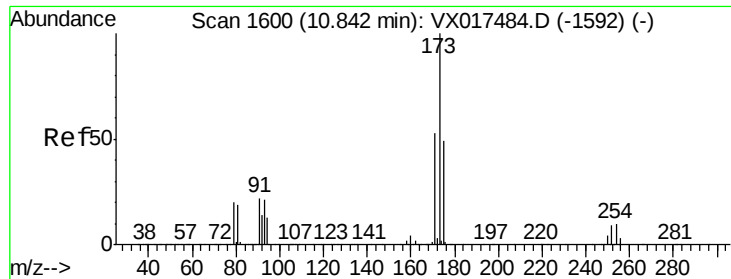
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#70
Styrene
Concen: 18.760 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017718.D
Acq: 31 Jul 2020 22:42

Tgt Ion	Ratio	Lower	Upper
104	100		
78	53.3	42.5	63.7
103	55.7	44.3	66.5





#71

Bromoform

Concen: 18.255 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017718.D

Acq: 31 Jul 2020 22:42

Instrument :

MSVOA_X

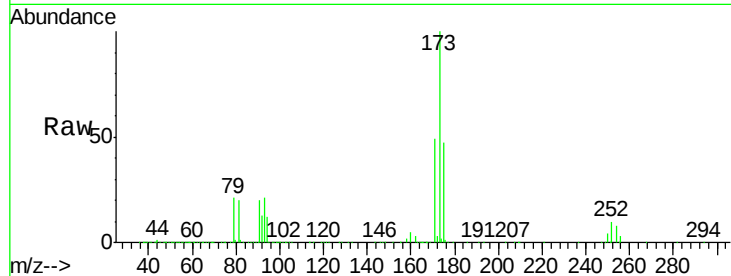
ClientSampleId :

VX0731WBSD02

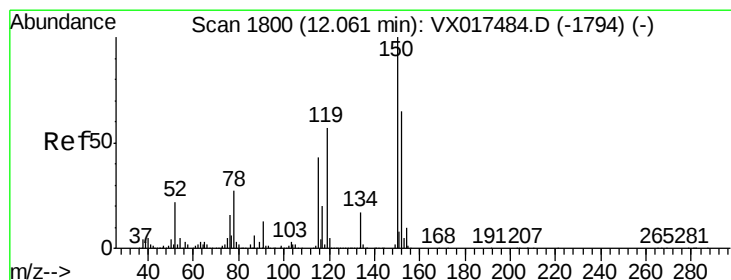
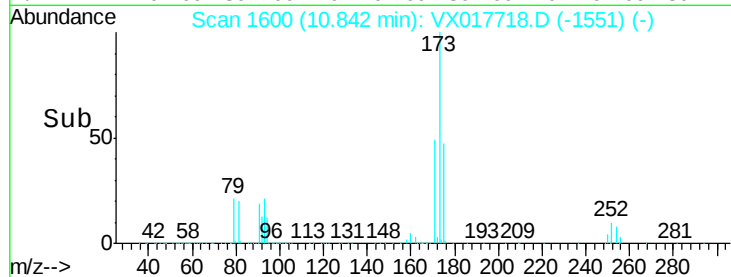
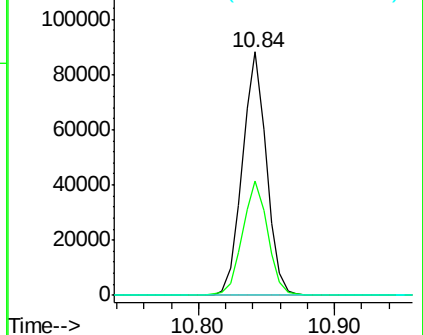
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.2	23.8	71.5
254	0.3	0.1	0.1

Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

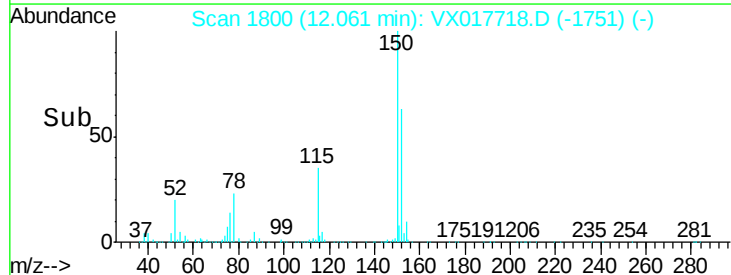
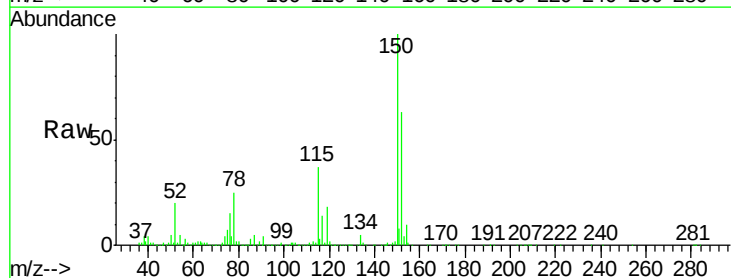
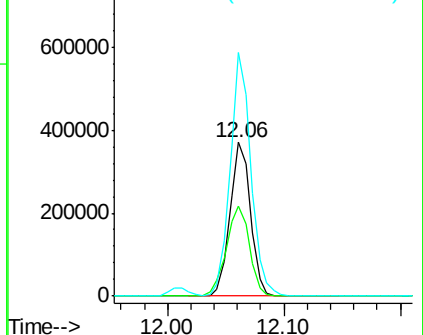
Delta R.T. 0.00 min

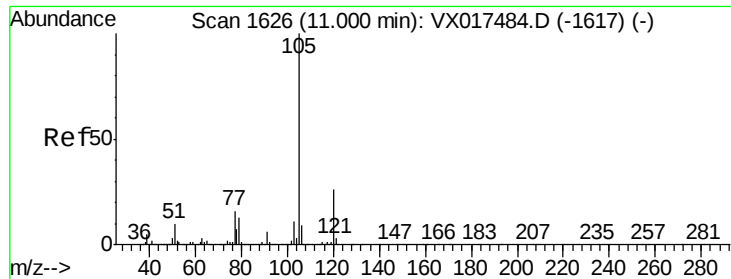
Lab File: VX017718.D

Acq: 31 Jul 2020 22:42

Tgt Ion	Ratio	Lower	Upper
152	100		
115	66.0	65.5	196.6
150	160.4	0.0	412.6

Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 16.346 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX017718.D

Acq: 31 Jul 2020 22:42

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBSD02

Tot Ion: 105 Resp: 507624

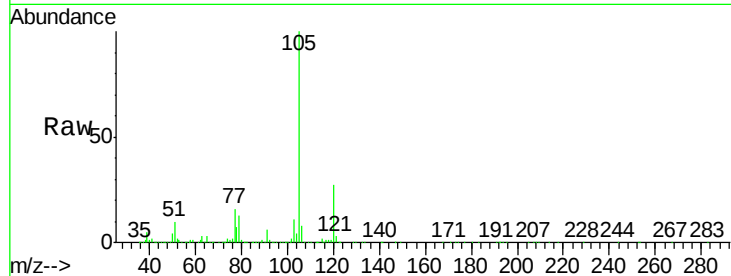
Ion Ratio Lower Upper

105 100

120 26.8 13.3 39.8

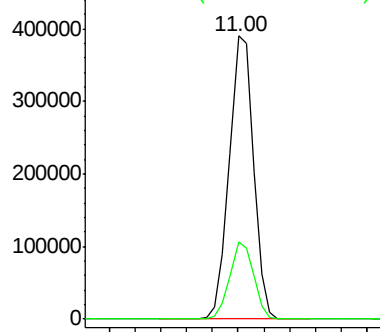
Manual Integrations
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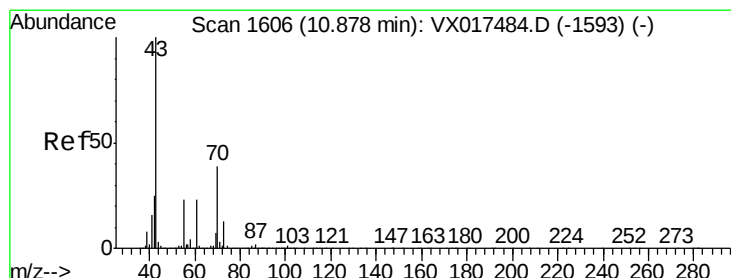
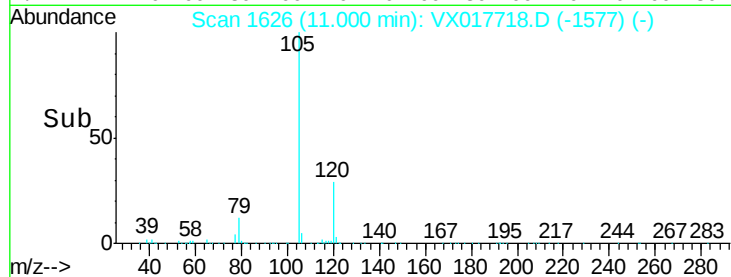


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#74

N-ethyl acetate

Concen: 15.673 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017718.D

Acq: 31 Jul 2020 22:42

Tgt Ion: 43 Resp: 216260

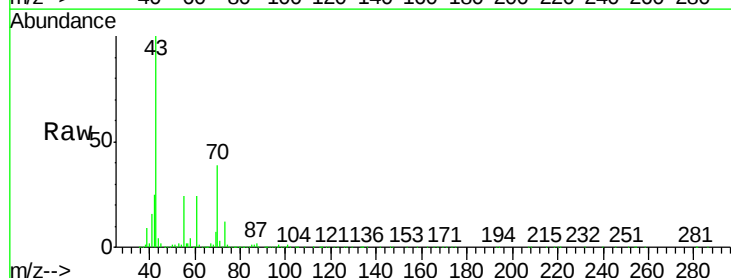
Ion Ratio Lower Upper

43 100

70 40.9 32.3 48.5

55 24.6 18.4 27.6

61 23.6 18.6 28.0

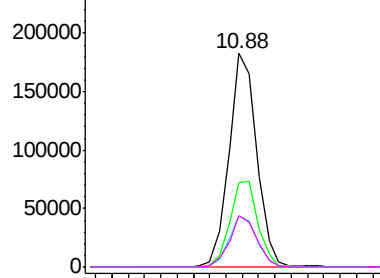


Abundance Ion 43.00 (42.70 to 43.70): VX0

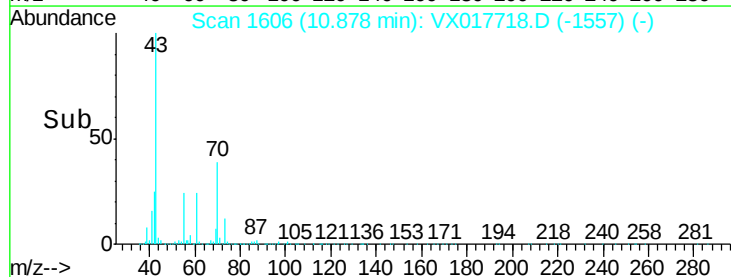
Ion 70.00 (69.70 to 70.70): VX0

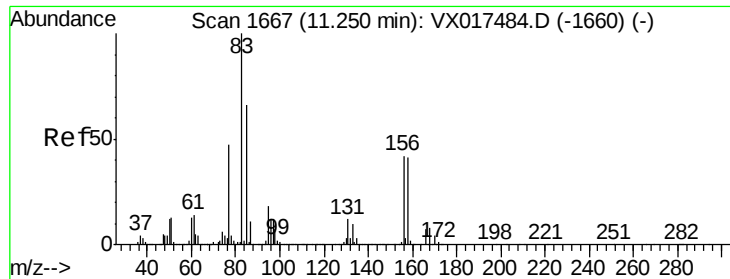
Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 16.062 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017718.D

Acq: 31 Jul 2020 22:42

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBSD02

Tot Ion: 83 Resp: 155698

Ion Ratio Lower Upper

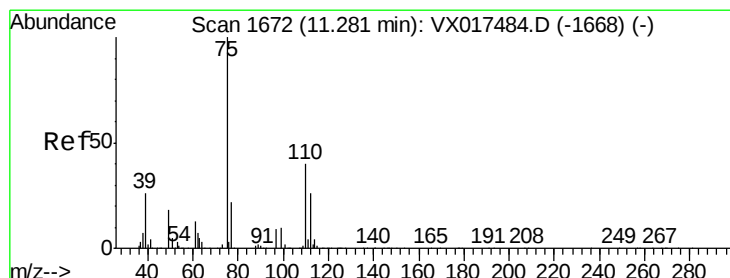
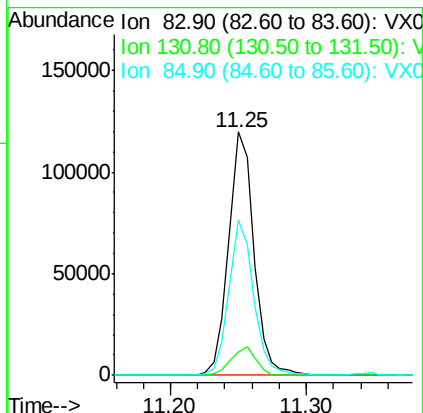
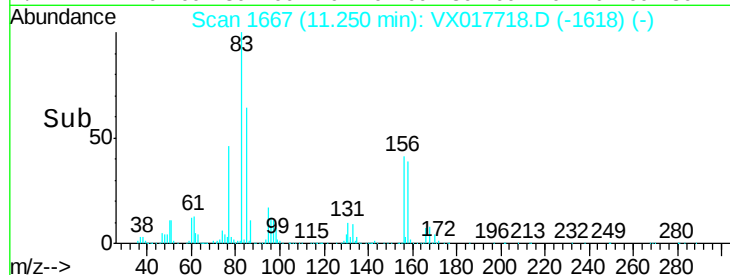
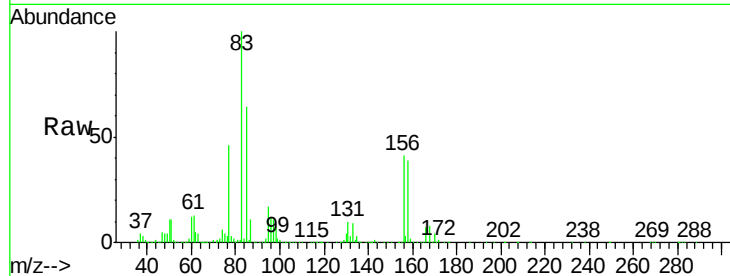
83 100

131 11.7 5.5 16.5

85 62.6 32.1 96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 16.685 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017718.D

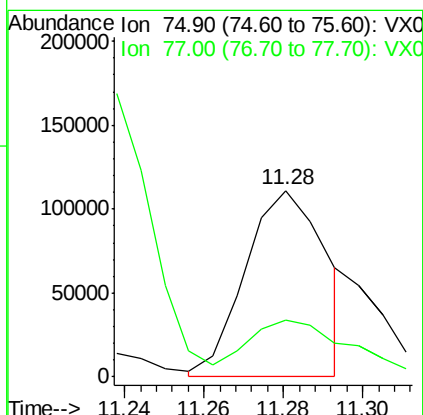
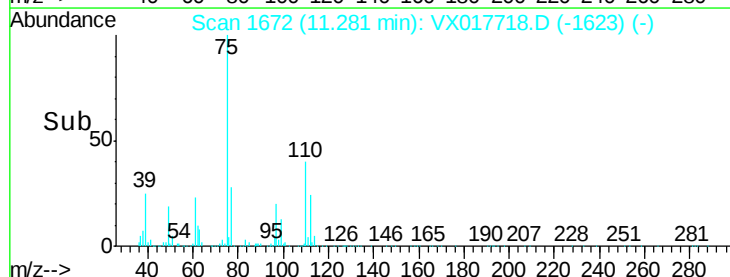
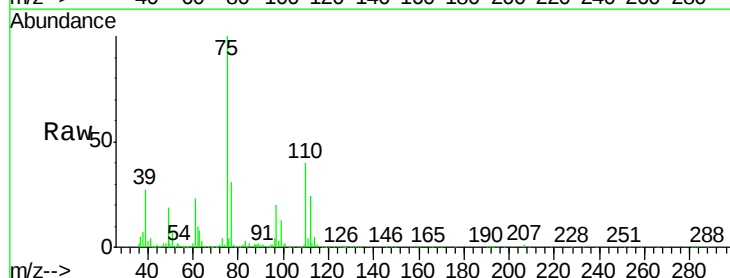
Acq: 31 Jul 2020 22:42

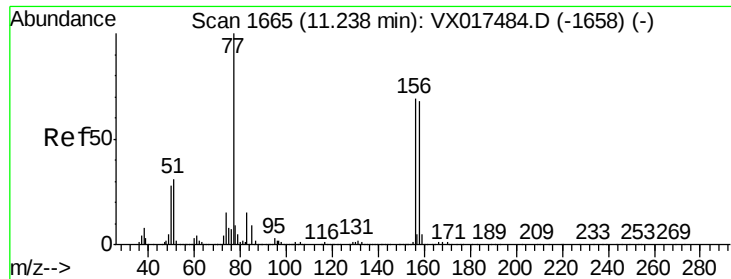
Tgt Ion: 75 Resp: 155373

Ion Ratio Lower Upper

75 100

77 38.9 21.8 65.3





#77

Bromobenzene

Concen: 16.622 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017718.D

Acq: 31 Jul 2020 22:42

Instrument :

MSVOA_X

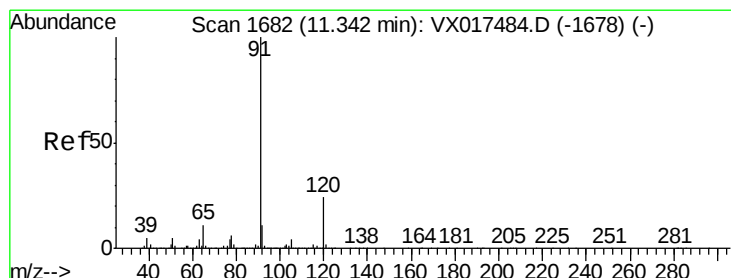
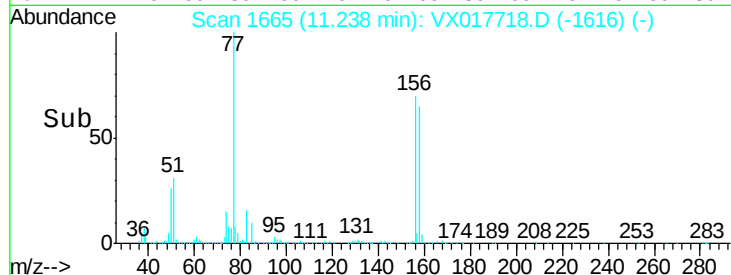
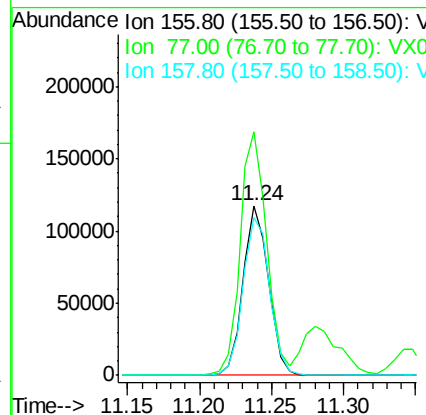
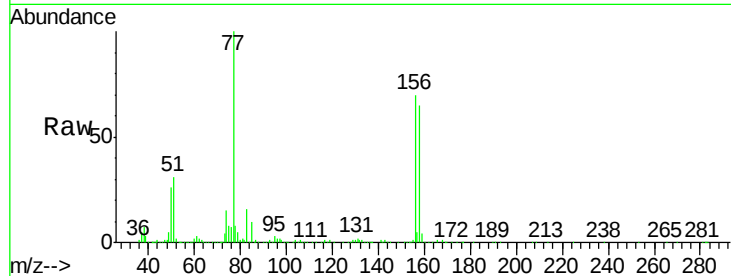
ClientSampleId :

VX0731WBSD02

Tot Ion:	156	Resp:	144509
Ion Ratio	Lower	Upper	
156	100		
77	149.1	75.0	225.0
158	97.3	49.1	147.3

Manual Integrations
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#78

n-propylbenzene

Concen: 15.679 ug/l

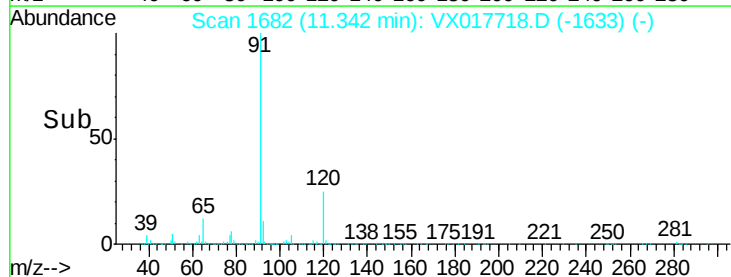
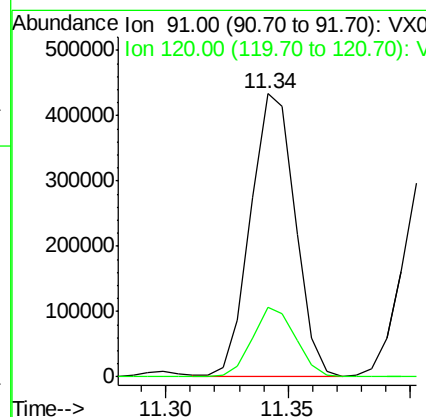
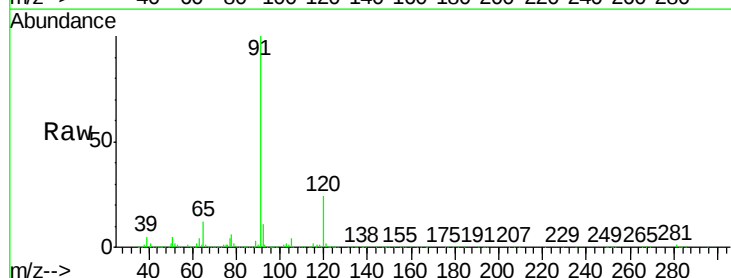
RT: 11.34 min Scan# 1682

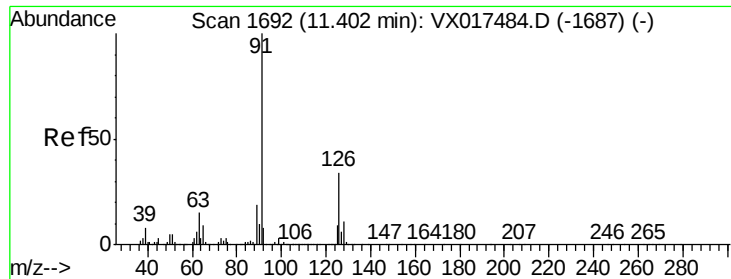
Delta R.T. 0.00 min

Lab File: VX017718.D

Acq: 31 Jul 2020 22:42

Tgt Ion:	91	Resp:	549152
Ion Ratio	Lower	Upper	
91	100		
120	24.0	12.2	36.4





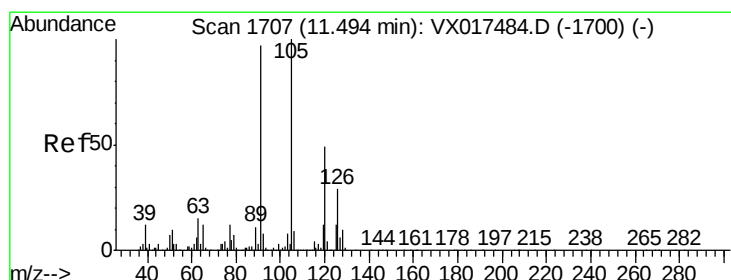
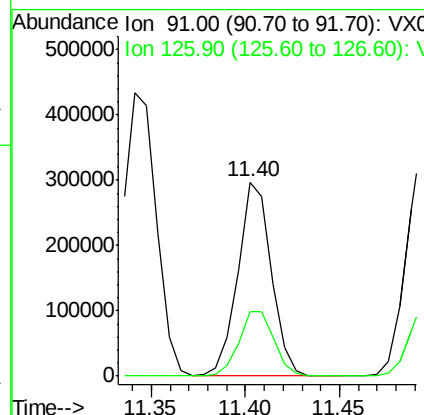
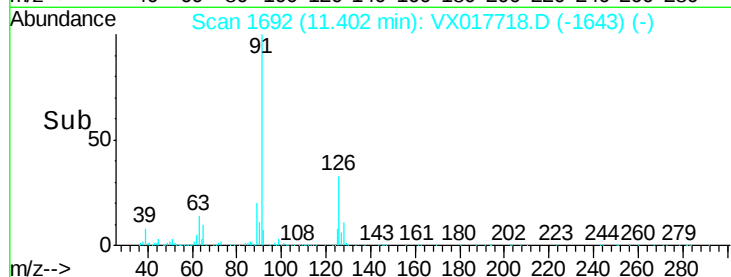
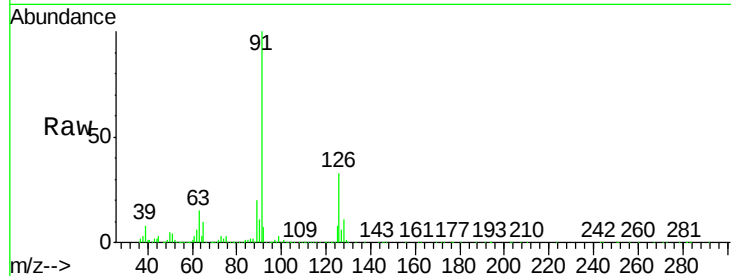
#79
2-Chlorotoluene
Concen: 16.744 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VX017718.D
Acq: 31 Jul 2020 22:42

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD02

Tot Ion: 91 Resp: 363292
Ion Ratio Lower Upper
91 100
126 35.5 17.5 52.5

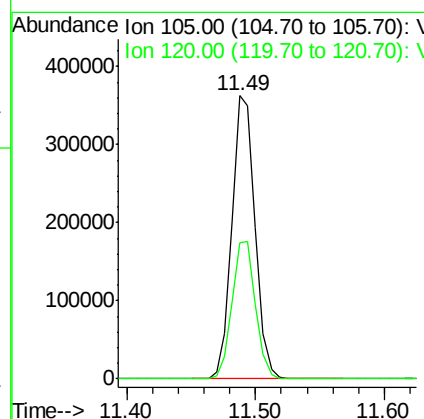
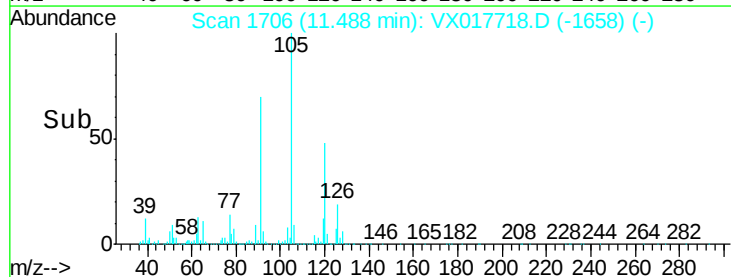
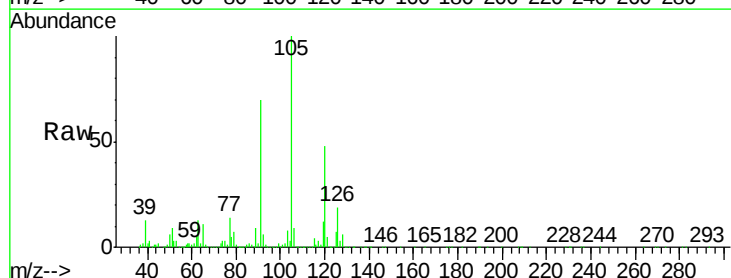
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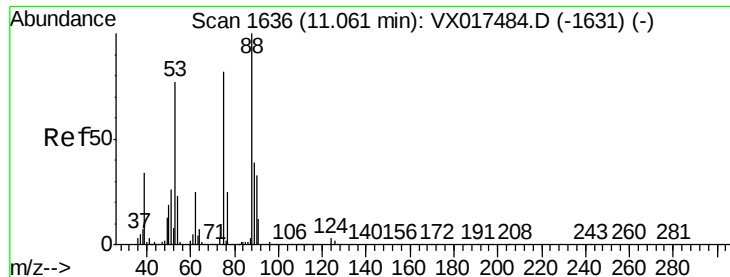
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 17.238 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VX017718.D
Acq: 31 Jul 2020 22:42

Tgt Ion: 105 Resp: 457063
Ion Ratio Lower Upper
105 100
120 49.4 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 14.358 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX017718.D

Acq: 31 Jul 2020 22:42

Instrument :

MSVOA_X

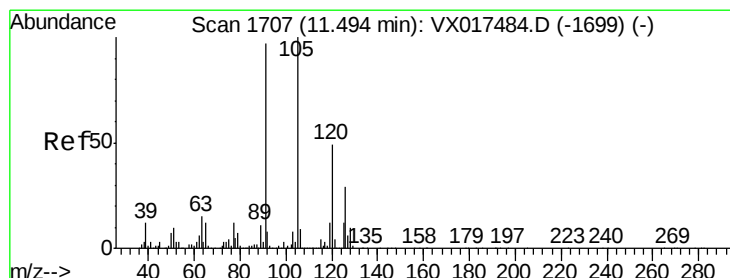
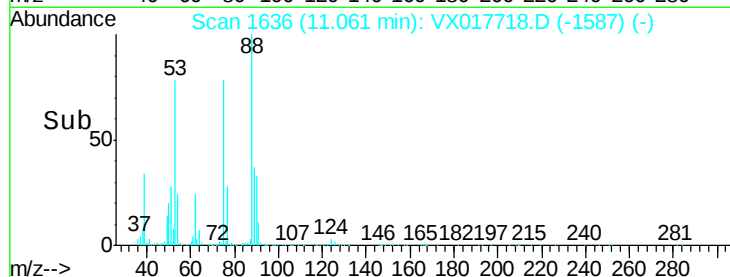
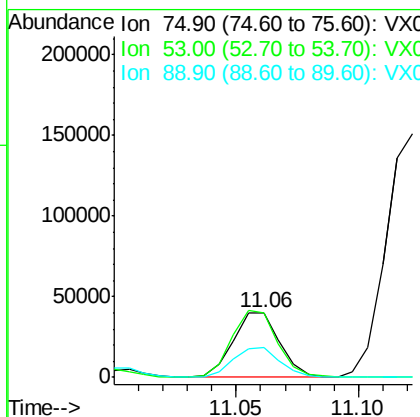
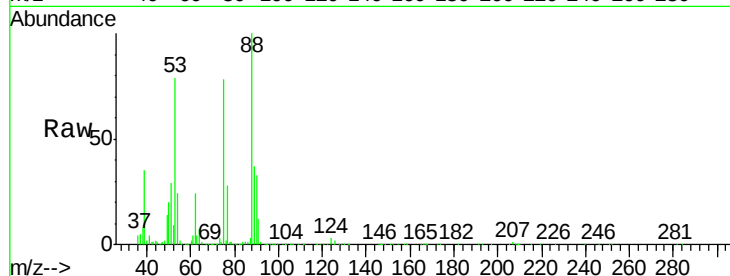
ClientSampleId :

VX0731WBSD02

Tot Ion:	75	Resp:	53060
Ion	Ratio	Lower	Upper
75	100		
53	101.2	75.9	113.9
89	47.1	37.8	56.6

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#82

4-Chlorotoluene

Concen: 17.482 ug/l

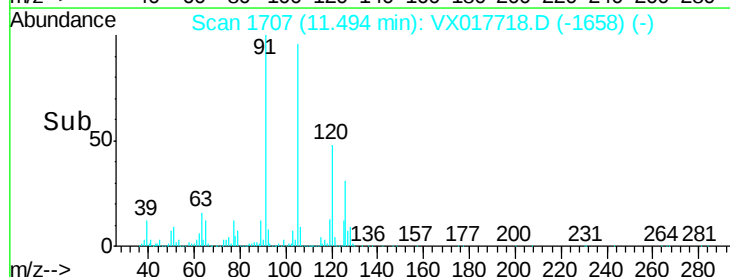
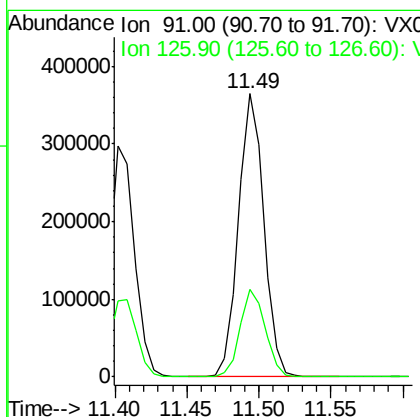
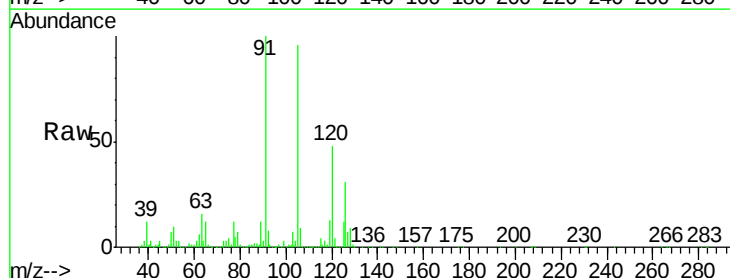
RT: 11.49 min Scan# 1707

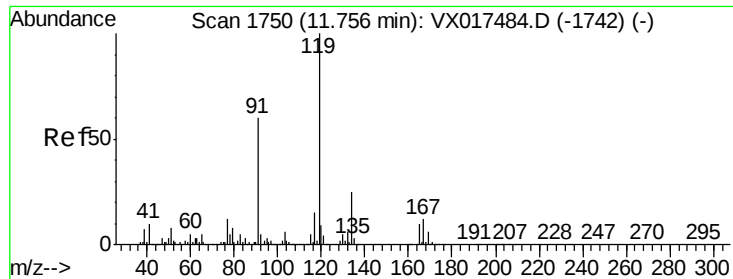
Delta R.T. -0.00 min

Lab File: VX017718.D

Acq: 31 Jul 2020 22:42

Tgt Ion:	91	Resp:	447432
Ion	Ratio	Lower	Upper
91	100		
126	30.7	15.2	45.6





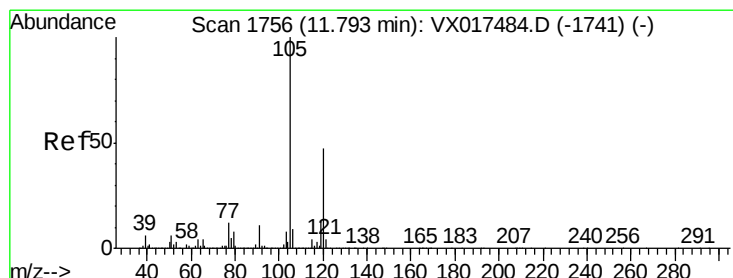
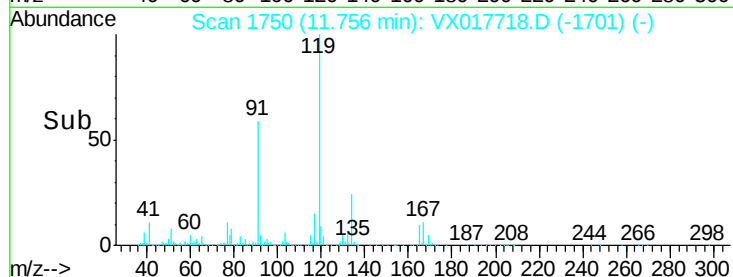
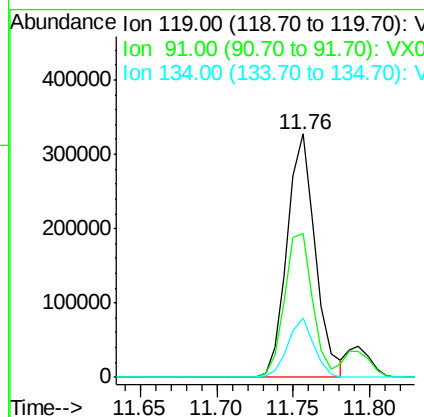
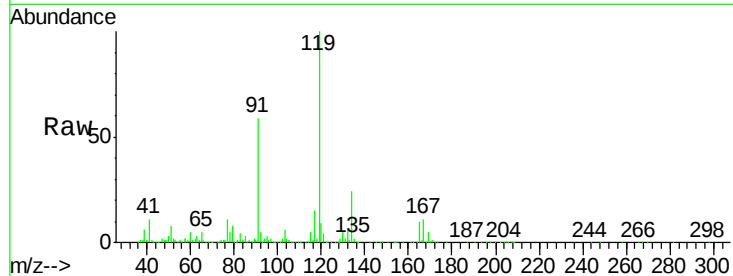
#83
tert-Butylbenzene
Concen: 16.482 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017718.D
Acq: 31 Jul 2020 22:42

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	418173		
91	58.7	29.3	88.0	
134	22.7	11.2	33.6	

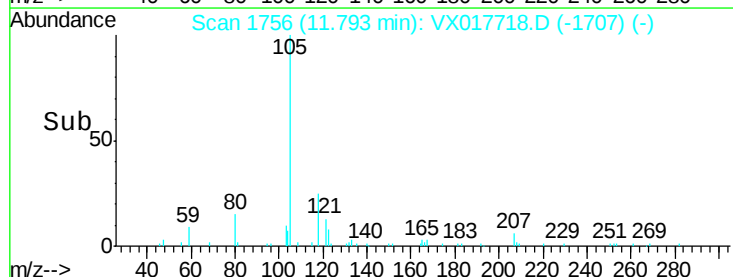
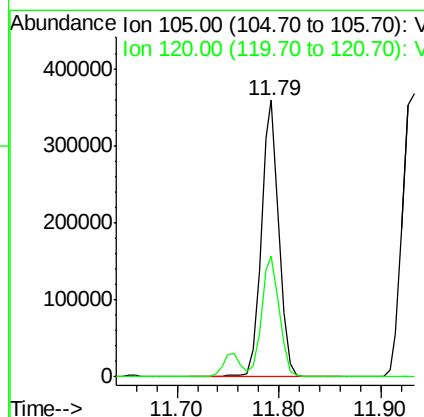
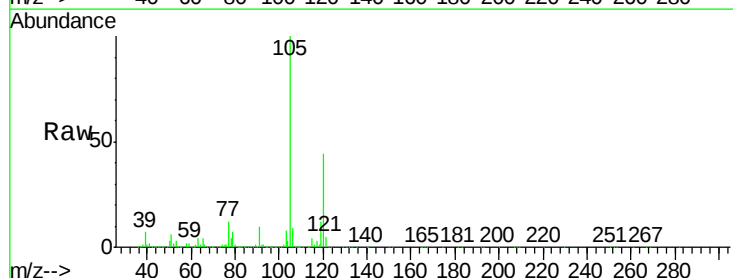
Manual Integrations
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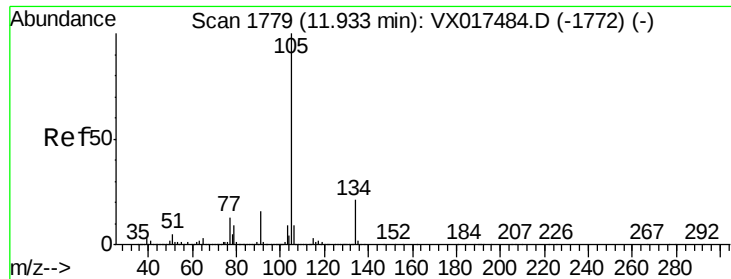
MMDadoda
8/3/2020 5:02:37 PM



#84
1,2,4-Trimethylbenzene
Concen: 16.401 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017718.D
Acq: 31 Jul 2020 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	432545		
120	44.3	22.7	68.0	





#85

sec-Butylbenzene

Concen: 16.284 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX017718.D

Acq: 31 Jul 2020 22:42

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBSD02

Tot Ion:105 Resp: 481287

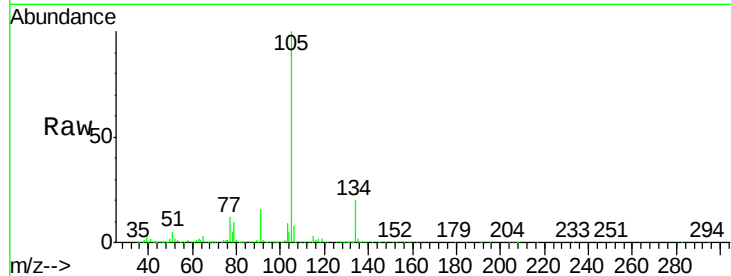
Ion Ratio Lower Upper

105 100

134 20.0 10.4 31.2

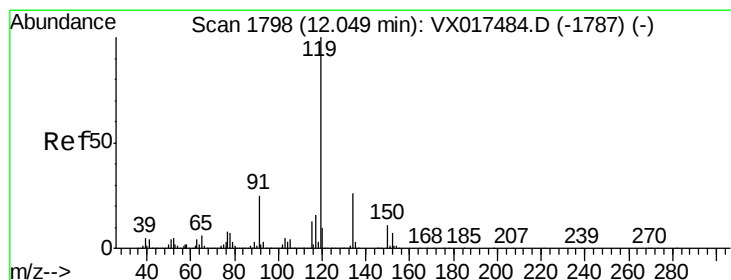
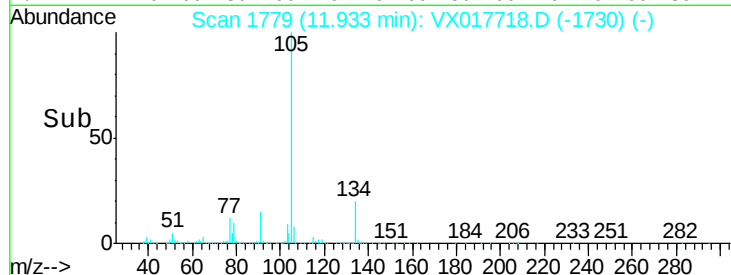
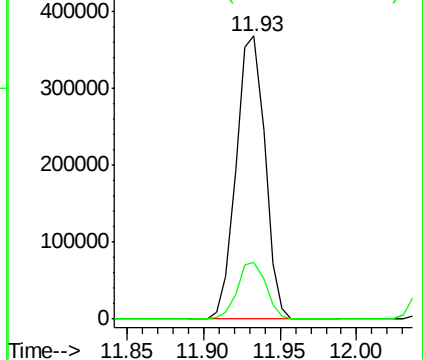
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 16.635 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017718.D

Acq: 31 Jul 2020 22:42

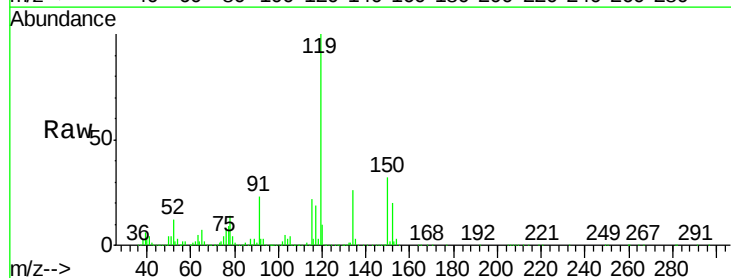
Tgt Ion:119 Resp: 468199

Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.3

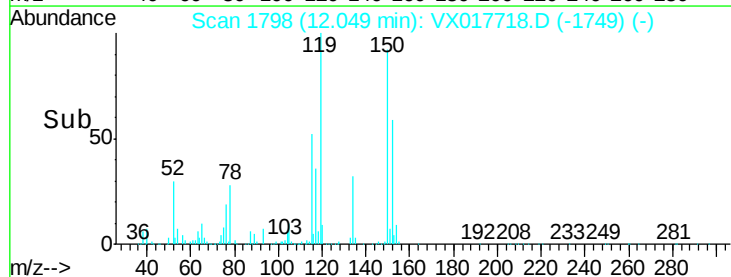
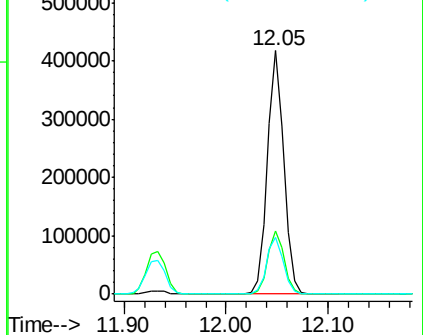
91 23.8 12.1 36.3

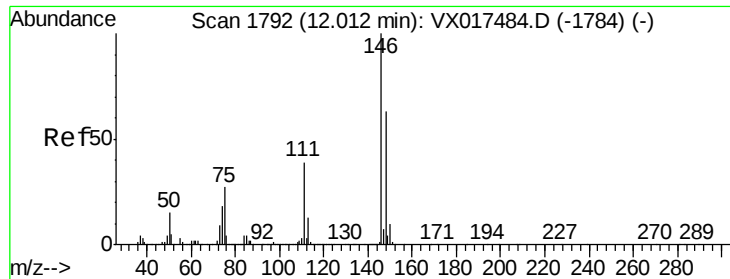


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 17.141 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX017718.D

Acq: 31 Jul 2020 22:42

Instrument :

MSVOA_X

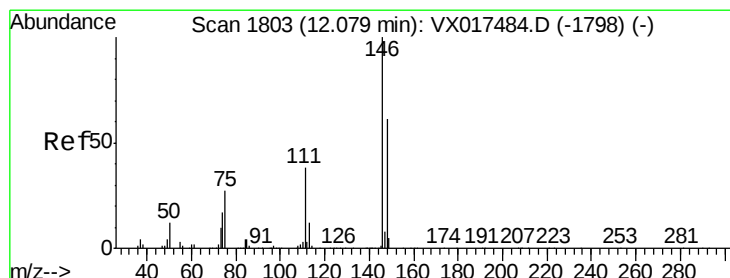
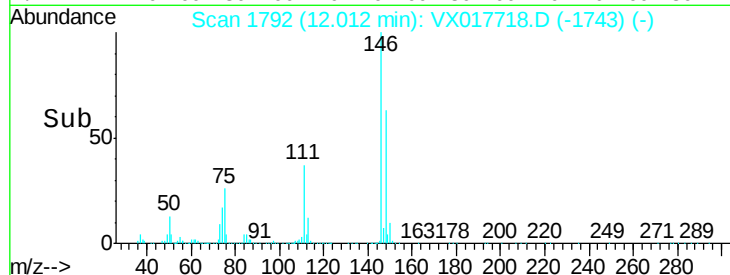
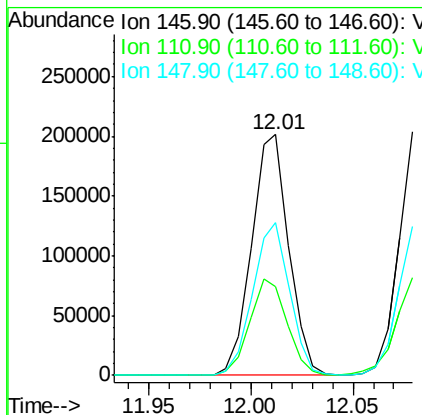
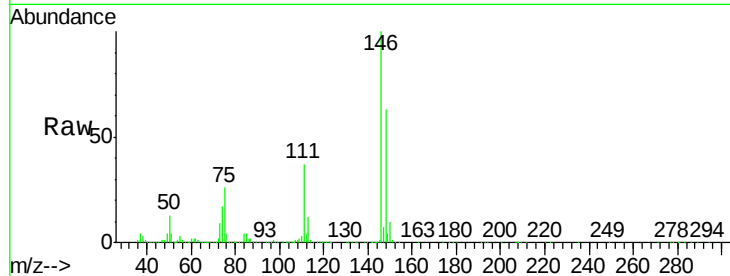
ClientSampleId :

VX0731WBSD02

Tot Ion:	146	Resp:	255907
Ion Ratio	Lower	Upper	
146	100		
111	40.0	19.9	59.7
148	63.1	31.6	95.0

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 16.098 ug/l

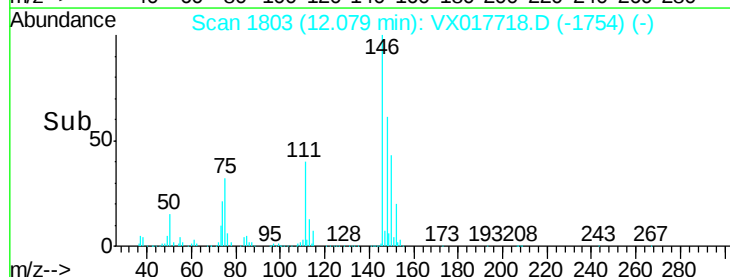
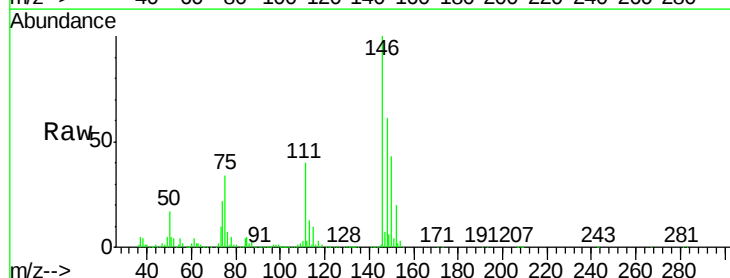
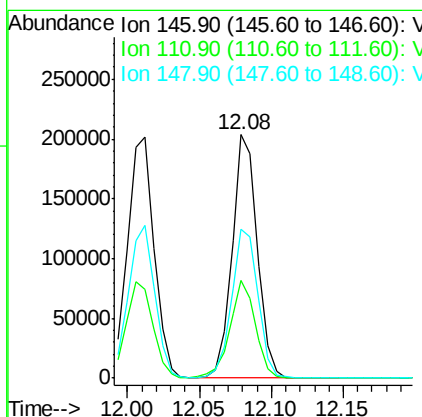
RT: 12.08 min Scan# 1803

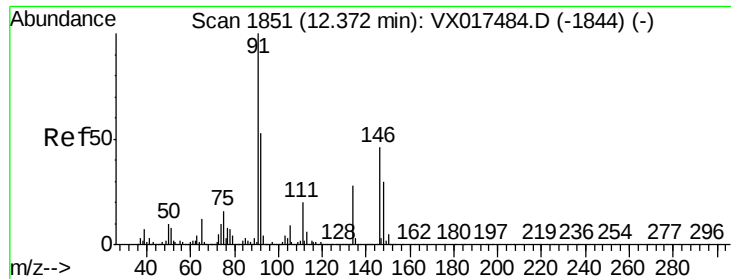
Delta R.T. -0.00 min

Lab File: VX017718.D

Acq: 31 Jul 2020 22:42

Tgt Ion:	146	Resp:	248943
Ion Ratio	Lower	Upper	
146	100		
111	40.6	19.3	57.8
148	64.3	32.2	96.6





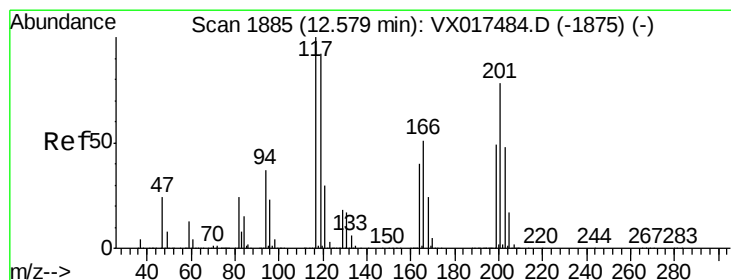
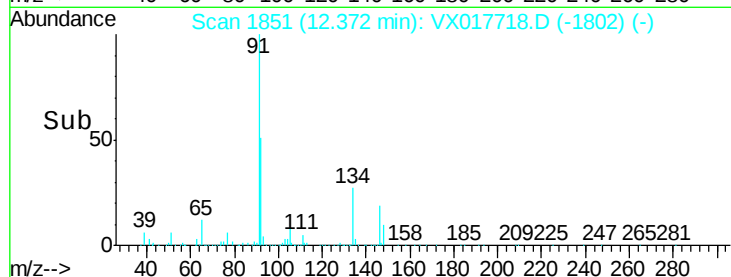
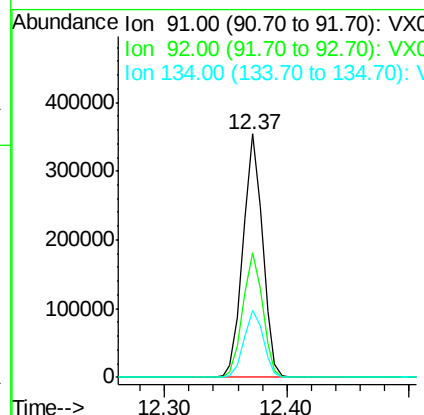
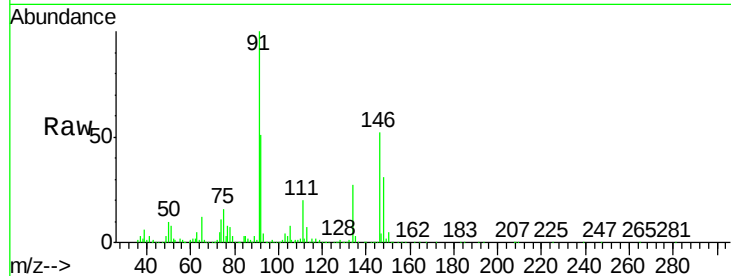
#89
n-Butylbenzene
Concen: 15.523 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017718.D
Acq: 31 Jul 2020 22:42

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
91	100	389321		
92	51.7	26.7	80.1	
134	27.2	13.6	40.7	

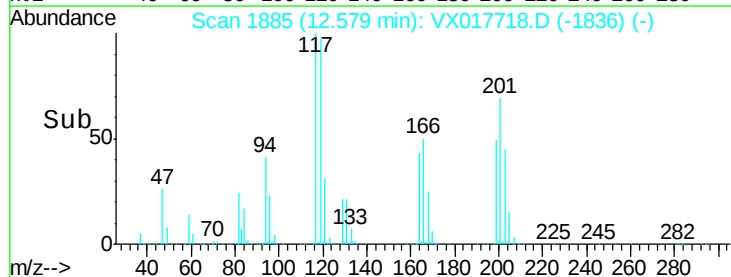
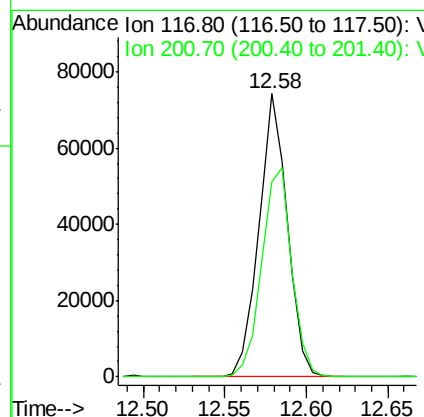
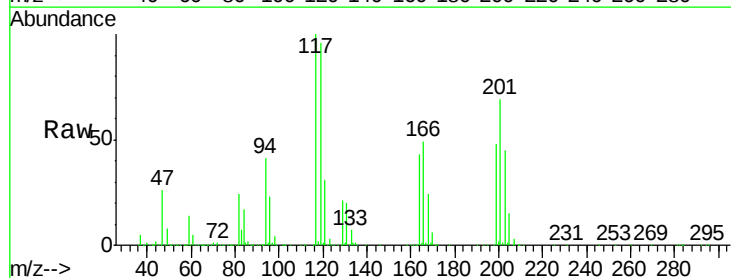
Manual Integrations
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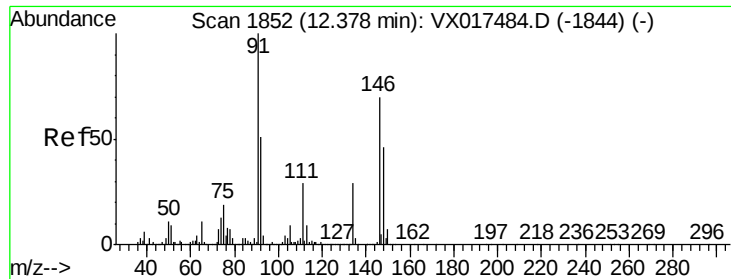
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#90
Hexachloroethane
Concen: 16.238 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX017718.D
Acq: 31 Jul 2020 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	90106		
201	77.8	42.2	126.6	





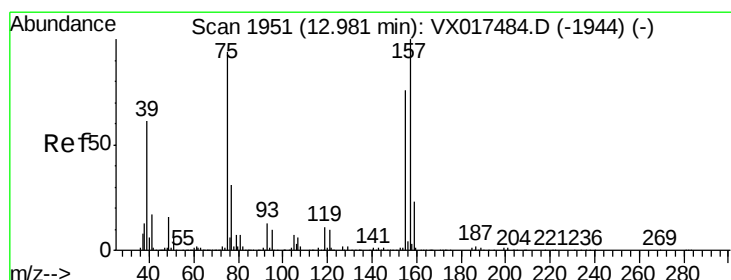
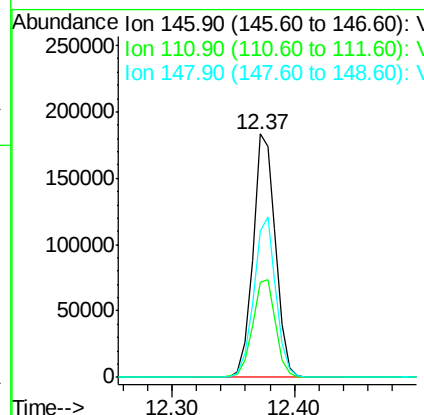
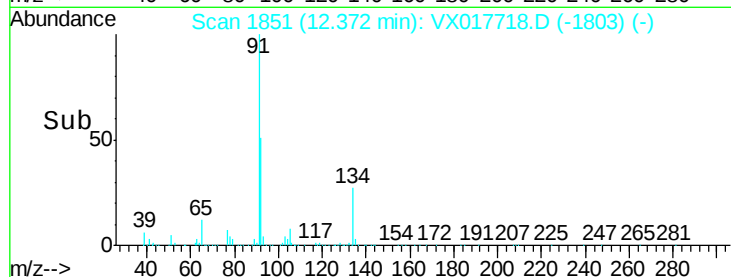
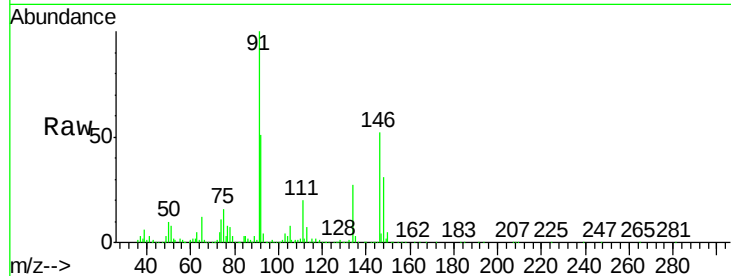
#91
 1,2-Dichlorobenzene
 Concen: 15.955 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX017718.D
 Acq: 31 Jul 2020 22:42

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0731WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	234120		
111	41.4	20.9	62.8	
148	64.7	32.8	98.4	

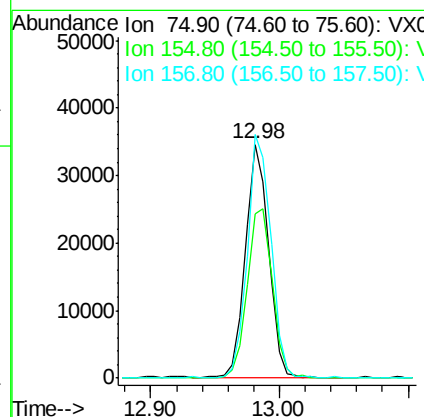
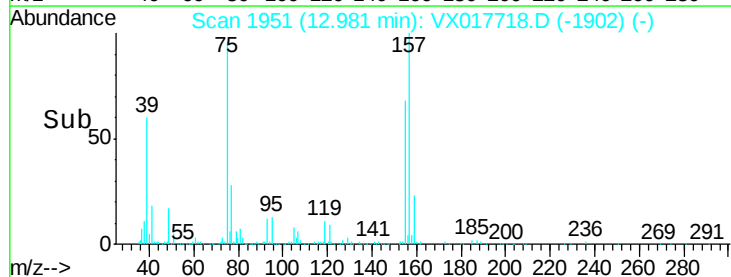
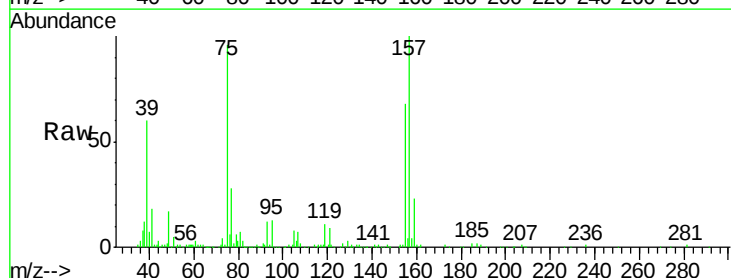
Manual Integrations
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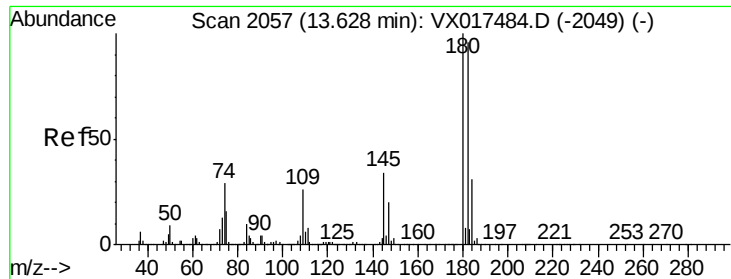
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.517 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX017718.D
 Acq: 31 Jul 2020 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	43180		
155	78.2	42.3	126.8	
157	104.6	54.3	162.9	





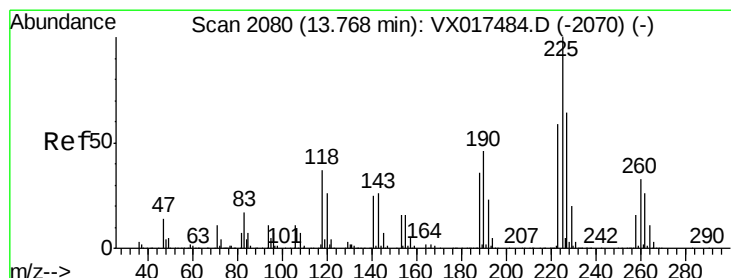
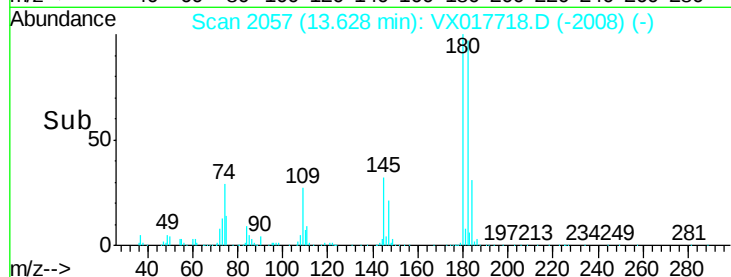
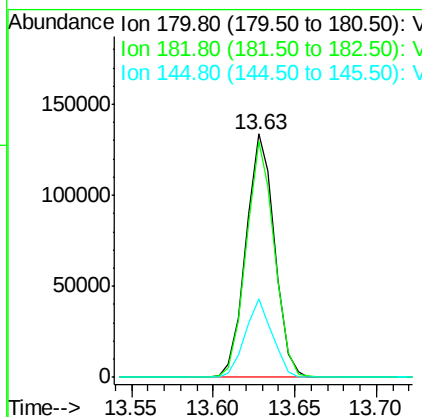
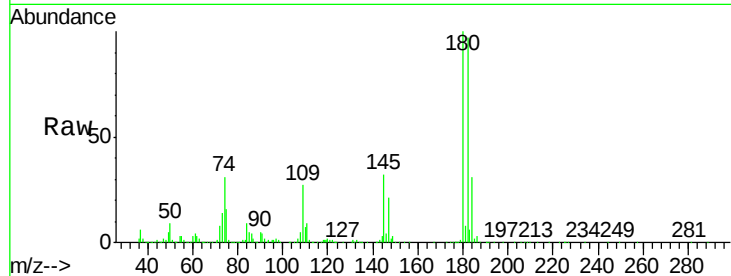
#93
 1,2,4-Trichlorobenzene
 Concen: 16.347 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017718.D
 Acq: 31 Jul 2020 22:42

Instrument :
 MSVOA_X
 ClientSampled :
 VX0731WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	163708		
182	95.3	47.5	142.6	
145	30.8	15.4	46.4	

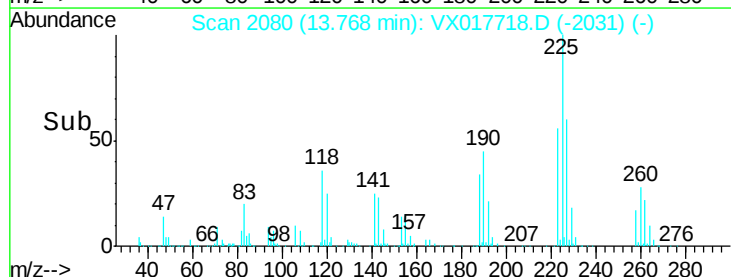
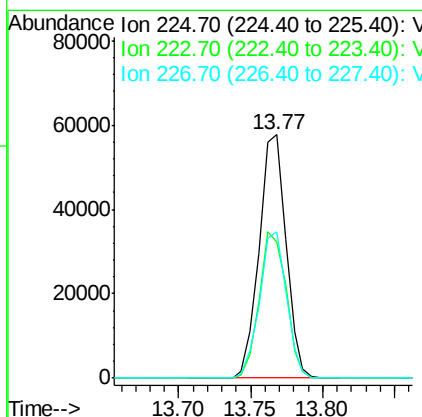
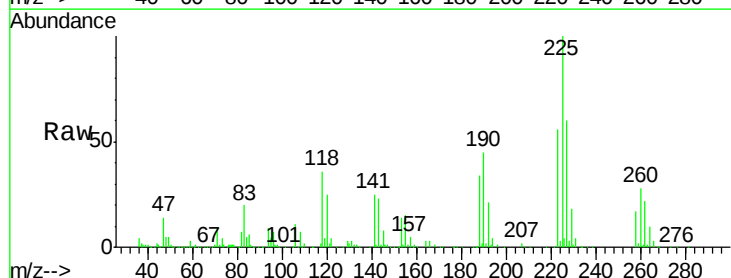
Manual Integrations
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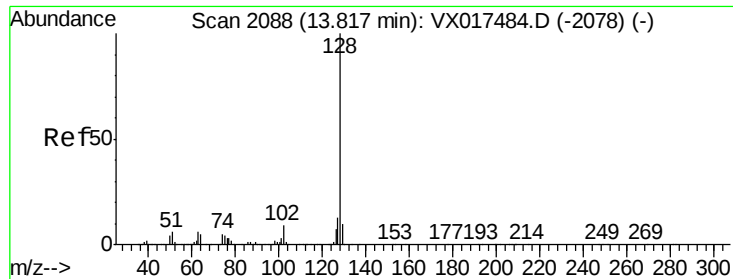
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#94
 Hexachlorobutadiene
 Concen: 16.080 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX017718.D
 Acq: 31 Jul 2020 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	74125		
223	60.2	30.3	90.9	
227	60.1	31.1	93.2	





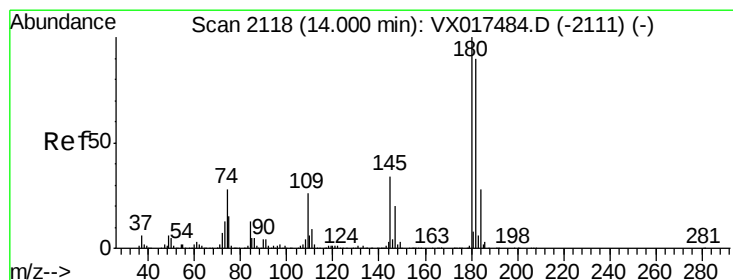
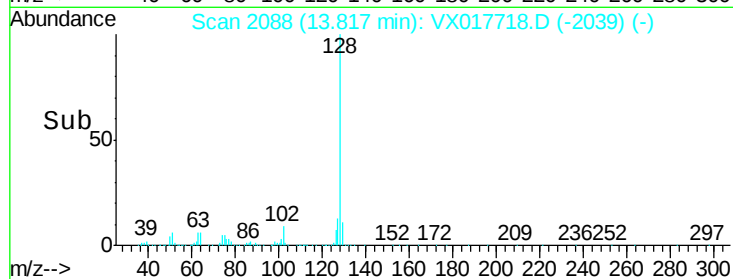
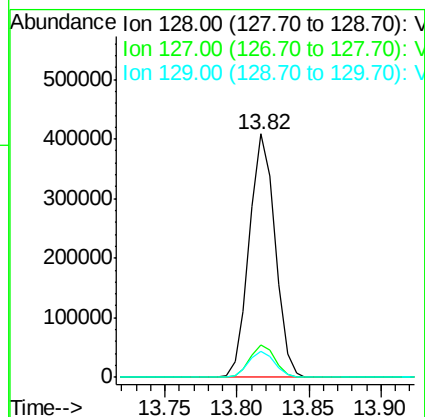
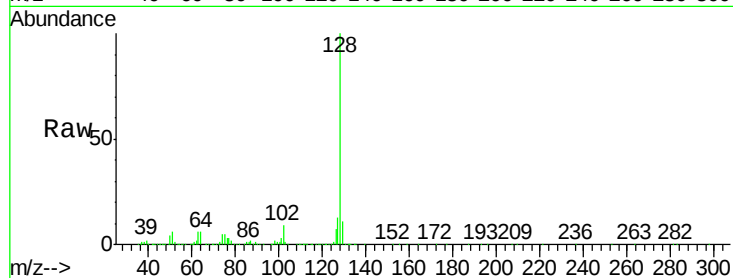
#95
Naphthalene
Concen: 16.891 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX017718.D
Acq: 31 Jul 2020 22:42

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD02

Tot Ion:	128	Resp:	504956
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.4	15.6
129	10.7	8.9	13.3

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 15.990 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX017718.D
Acq: 31 Jul 2020 22:42

Tgt Ion:	180	Resp:	158114
Ion Ratio	Lower	Upper	
180	100		
182	94.2	47.4	142.3
145	32.1	16.3	48.9

