

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073120\
 Data File : VX017694.D
 Acq On : 31 Jul 2020 12:27
 Operator : JC/SP
 Sample : VX0731WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/3/2020 5:02:27 PM

Quant Time: Aug 01 03:22:41 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	533280	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	803380	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	759830	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	410861	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	355993	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	
35) Dibromofluoromethane	5.46	113	272667	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
50) Toluene-d8	8.70	98	971920	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
62) 4-Bromofluorobenzene	11.12	95	385593	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	91908	17.923	ug/l	99
3) Chloromethane	1.32	50	108366	16.686	ug/l	98
4) Vinyl Chloride	1.39	62	109657	16.341	ug/l	98
5) Bromomethane	1.63	94	80563	20.541	ug/l	100
6) Chloroethane	1.72	64	67365	17.712	ug/l	99
7) Trichlorofluoromethane	1.92	101	190760	18.073	ug/l	94
8) Diethyl Ether	2.17	74	66262	18.505	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	102438	17.685	ug/l	98
10) Methyl Iodide	2.50	142	116244	15.687	ug/l	97
11) Tert butyl alcohol	3.01	59	126339	87.508	ug/l	99
12) 1,1-Dichloroethene	2.36	96	94736	17.199	ug/l	96
13) Acrolein	2.27	56	90722	85.087	ug/l	97
14) Allyl chloride	2.71	41	184774	18.371	ug/l	97
15) Acrylonitrile	3.11	53	295359	94.718	ug/l	99
16) Acetone	2.42	43	266222	88.299	ug/l	100
17) Carbon Disulfide	2.55	76	259198	15.482	ug/l	99
18) Methyl Acetate	2.75	43	146155	20.583	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	356395	18.694	ug/l	98
20) Methylene Chloride	2.83	84	116720	19.779	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	106947	18.124	ug/l	98
22) Diisopropyl ether	3.82	45	357630	19.447	ug/l	91
23) Vinyl Acetate	3.78	43	1565975	95.502	ug/l	99
24) 1,1-Dichloroethane	3.67	63	200274	18.905	ug/l	100
25) 2-Butanone	4.63	43	411465	96.066	ug/l	99
26) 2,2-Dichloropropane	4.55	77	181347	19.123	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	120590	18.815	ug/l	98
28) Bromochloromethane	4.98	49	90257	18.801	ug/l	98
29) Tetrahydrofuran	5.09	42	257621	97.102	ug/l	99
30) Chloroform	5.18	83	215626	19.920	ug/l	99
31) Cyclohexane	5.55	56	159628	18.895	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	195788	19.181	ug/l	100
36) 1,1-Dichloropropene	5.77	75	149324	19.380	ug/l	97
37) Ethyl Acetate	4.79	43	160987	19.096	ug/l	99
38) Carbon Tetrachloride	5.75	117	180001	19.237	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	165560	18.406	ug/l	97
40) Benzene	6.11	78	429244	19.431	ug/l	98
41) Methacrylonitrile	5.00	41	89519	18.525	ug/l	97
42) 1,2-Dichloroethane	6.16	62	182159	20.156	ug/l	100
43) Isopropyl Acetate	6.41	43	267473	19.229	ug/l	99
44) Trichloroethene	7.18	130	128334	19.879	ug/l	99
45) 1,2-Dichloropropane	7.49	63	119777	19.559	ug/l	94
46) Dibromomethane	7.63	93	82041	18.957	ug/l	99
47) Bromodichloromethane	7.87	83	173555	19.931	ug/l	98
48) Methyl methacrylate	7.74	41	127374	18.473	ug/l	97
49) 1,4-Dioxane	7.71	88	52295	395.591	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	832331	100.286	ug/l	99
52) Toluene	8.76	92	272355	19.225	ug/l	96
53) t-1,3-Dichloropropene	9.02	75	188013	19.288	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	195237	19.636	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	119350	20.223	ug/l	98
56) Ethyl methacrylate	9.16	69	173590	19.524	ug/l	99
57) 1,3-Dichloropropane	9.35	76	192169	19.775	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	419246	89.500	ug/l	100
59) 2-Hexanone	9.47	43	614016	98.264	ug/l	98
60) Dibromochloromethane	9.57	129	145347	19.377	ug/l	99
61) 1,2-Dibromoethane	9.65	107	128261	20.414	ug/l	98
64) Tetrachloroethene	9.32	164	134466	19.717	ug/l	98
65) Chlorobenzene	10.12	112	314419	19.117	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	130380	19.642	ug/l	99
67) Ethyl Benzene	10.23	91	527811	19.225	ug/l	97
68) m/p-Xylenes	10.34	106	407917	38.354	ug/l	97
69) o-Xylene	10.68	106	190529	18.626	ug/l	98
70) Styrene	10.70	104	337950	19.418	ug/l	98
71) Bromoform	10.84	173	110808	19.268	ug/l	98
73) Isopropylbenzene	11.00	105	529845	18.798	ug/l	98
74) N-amyl acetate	10.88	43	227590	18.174	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	168829	19.190	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	165326m	19.562	ug/l	
77) Bromobenzene	11.24	156	148481	18.817	ug/l	98
78) n-propylbenzene	11.34	91	617625	19.429	ug/l	99
79) 2-Chlorotoluene	11.40	91	380008	19.297	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	468137	19.453	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	59280	17.674	ug/l	96
82) 4-Chlorotoluene	11.49	91	447747	19.275	ug/l	99
83) tert-Butylbenzene	11.76	119	440207	19.117	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	473059	19.764	ug/l	99
85) sec-Butylbenzene	11.93	105	522088	19.463	ug/l	99
86) p-Isopropyltoluene	12.05	119	494830	19.371	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	264315	19.506	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	262653	18.713	ug/l	98
89) n-Butylbenzene	12.37	91	435775	19.144	ug/l	99
90) Hexachloroethane	12.58	117	94382	18.740	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	253653	19.046	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	42256	18.685	ug/l	99

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Instrument :
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ClientSampleId :
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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	174133	19.158	ug/l	100
94) Hexachlorobutadiene	13.77	225	80331	19.200	ug/l	99
95) Naphthalene	13.82	128	527062	19.425	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	174799	19.477	ug/l	99

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

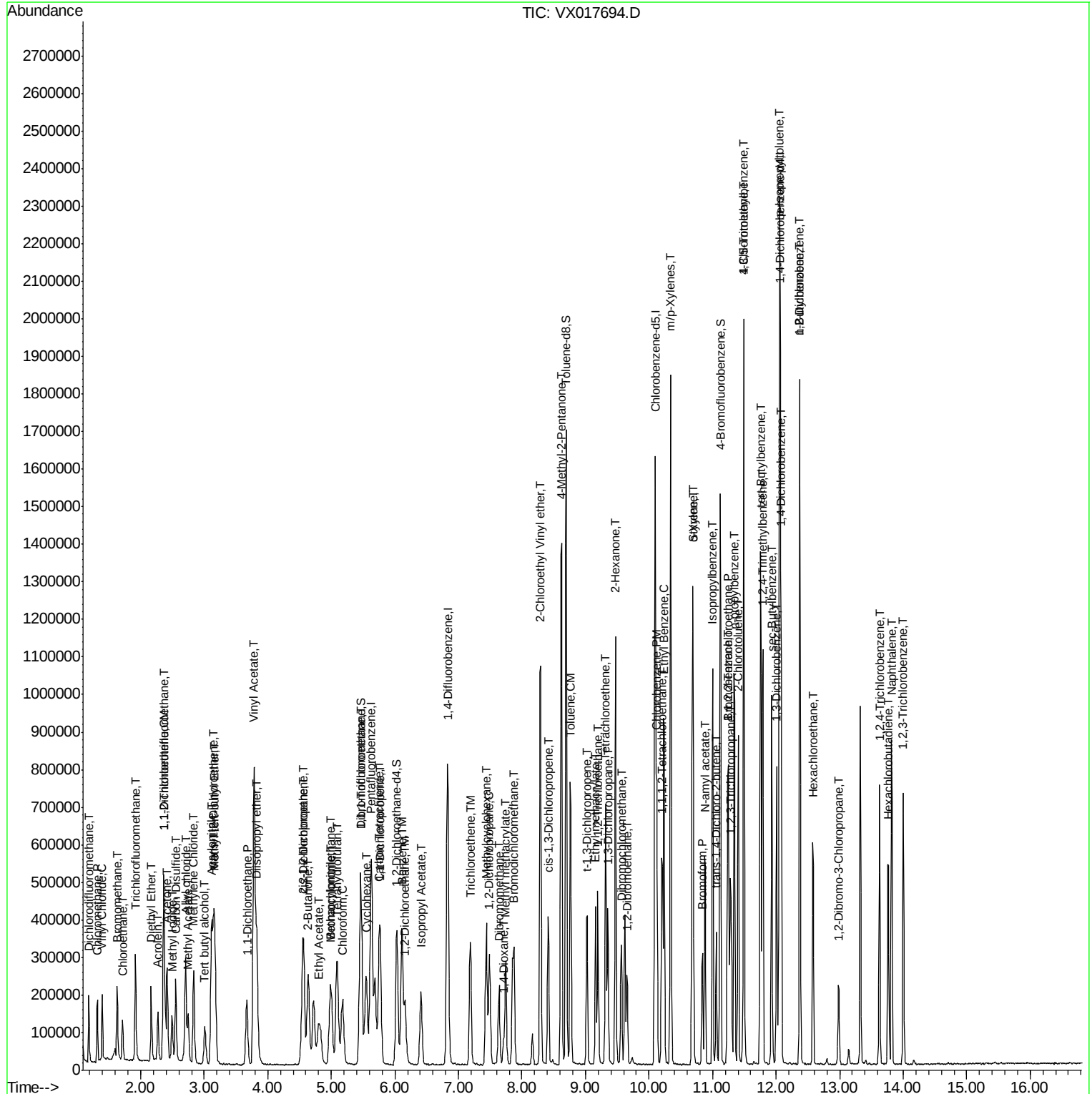
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Data File : VX017694.D
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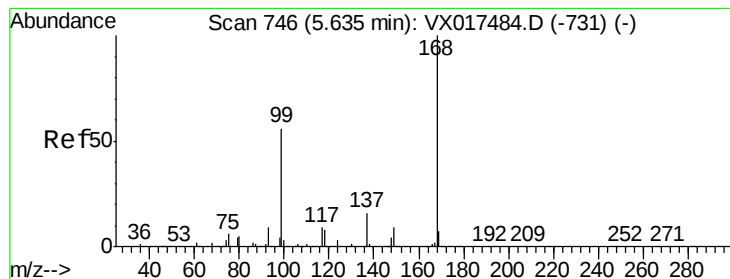
Instrument :
MSVOA_X
ClientSampleID :
VX0731WBSD01

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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: VX017694.D

Acq: 31 Jul 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBSD01

Tot Ion:168 Resp: 533280

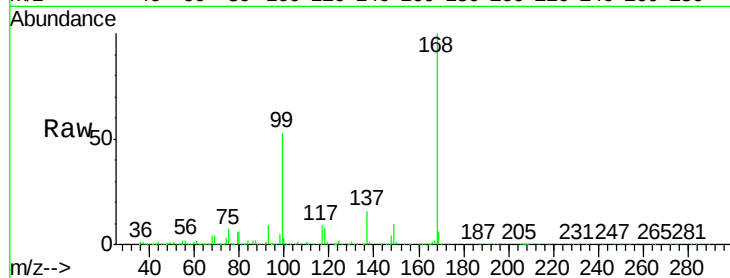
Ion Ratio Lower Upper

168 100

99 52.5 43.4 65.2

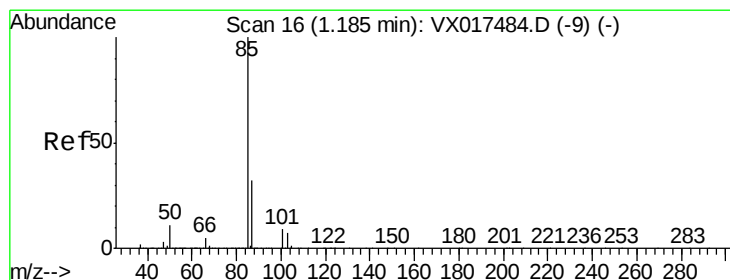
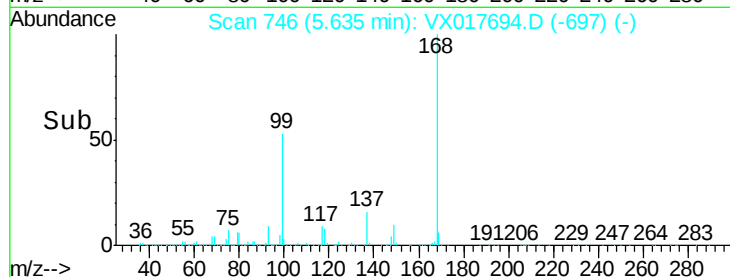
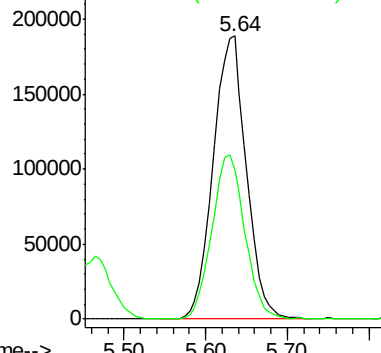
Manual Integrations
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 17.923 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017694.D

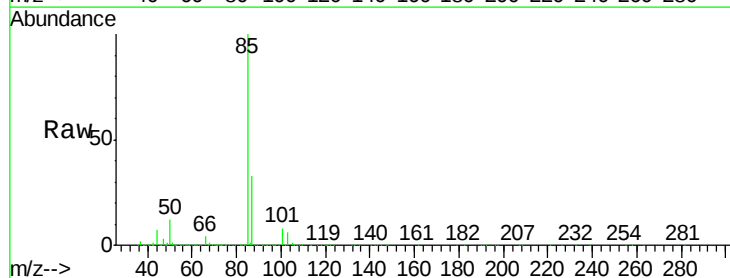
Acq: 31 Jul 2020 12:27

Tgt Ion: 85 Resp: 91908

Ion Ratio Lower Upper

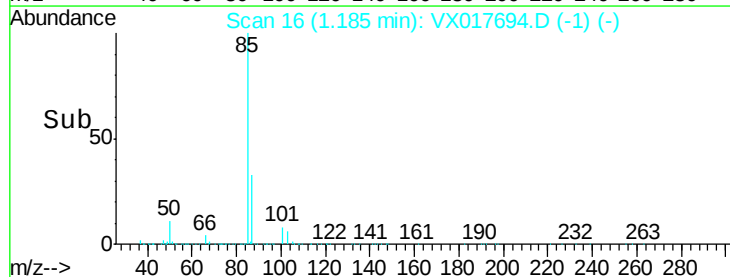
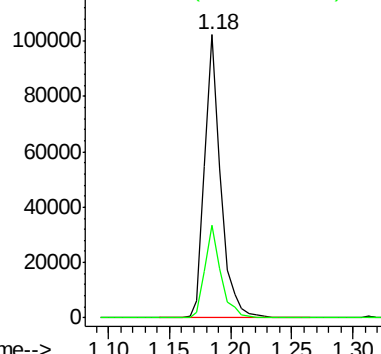
85 100

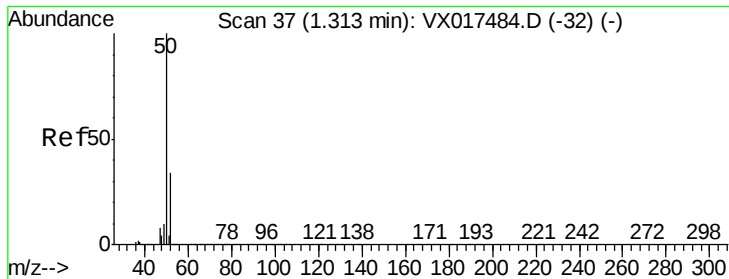
87 32.5 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 16.686 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX017694.D

Acq: 31 Jul 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBSD01

Tot Ion: 50 Resp: 108366

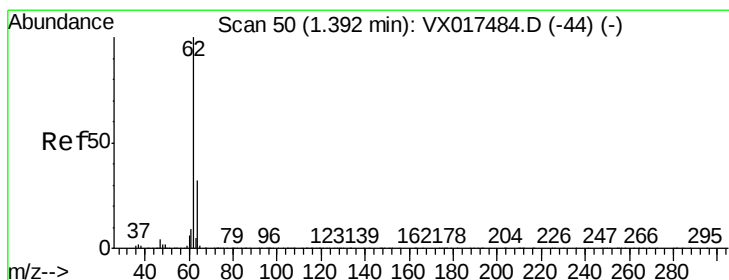
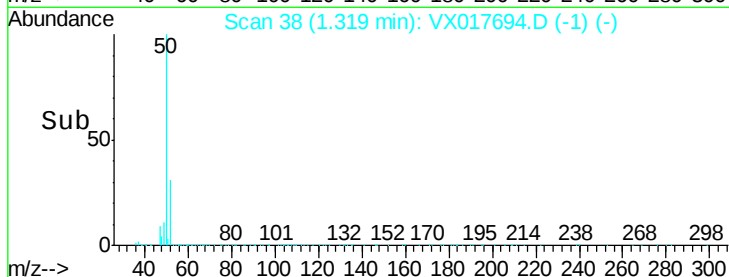
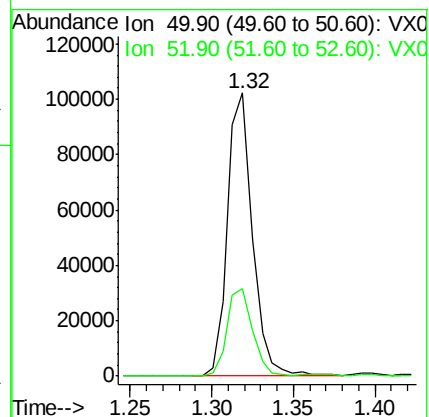
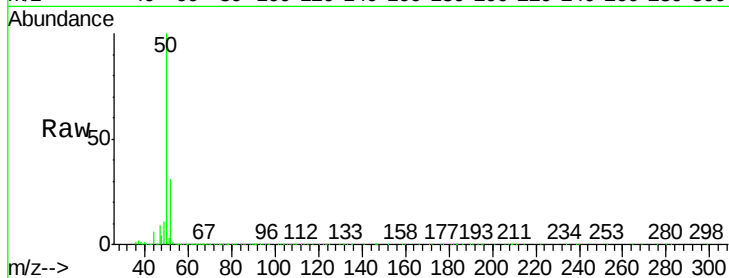
Ion Ratio Lower Upper

50 100

52 31.1 25.9 38.9

Manual Integrations
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#4

Vinyl Chloride

Concen: 16.341 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017694.D

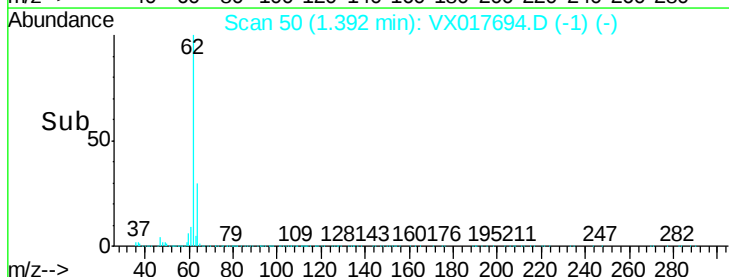
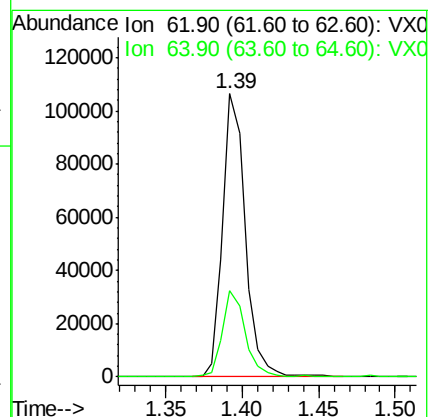
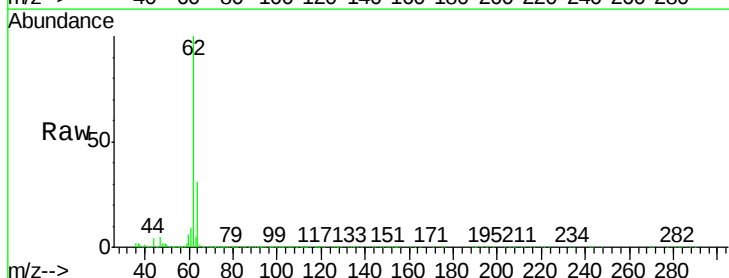
Acq: 31 Jul 2020 12:27

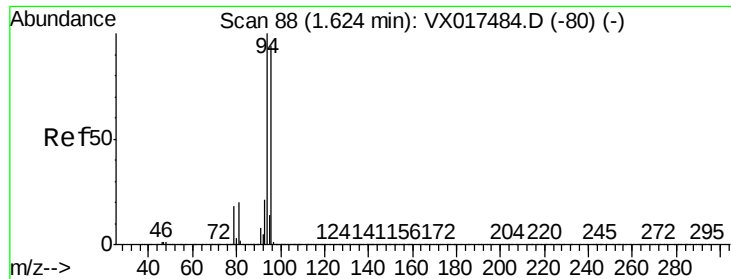
Tgt Ion: 62 Resp: 109657

Ion Ratio Lower Upper

62 100

64 30.5 25.2 37.8





#5

Bromomethane

Concen: 20.541 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017694.D

Acq: 31 Jul 2020 12:27

Tot Ion: 94 Resp: 80563

Ion Ratio Lower Upper

94 100

96 92.9 74.1 111.1

Instrument :

MSVOA_X

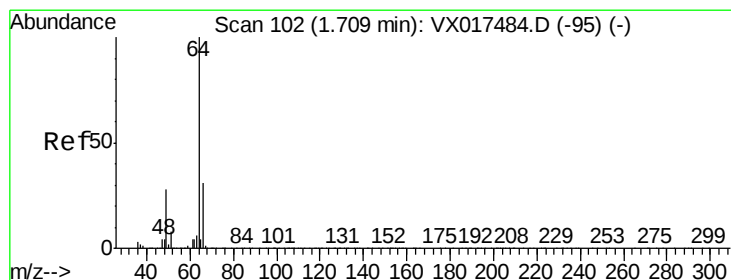
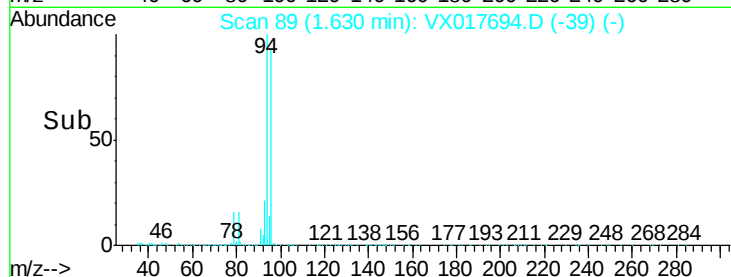
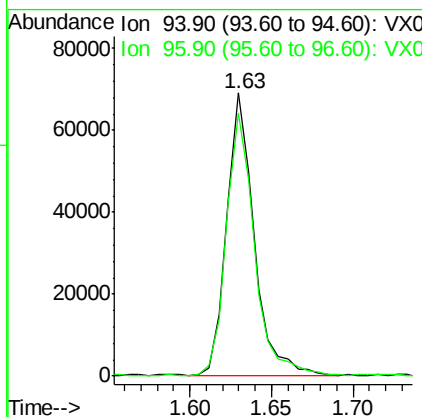
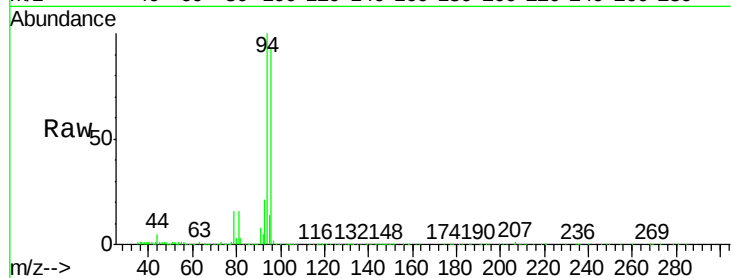
ClientSampleId :

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#6

Chloroethane

Concen: 17.712 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017694.D

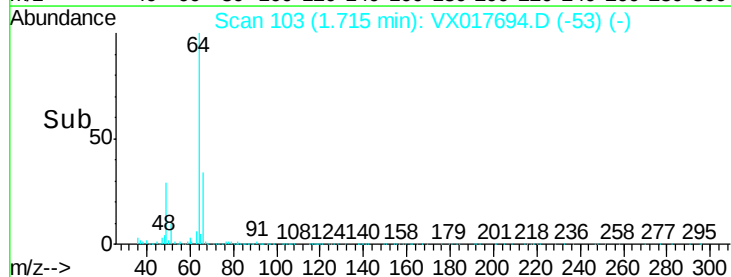
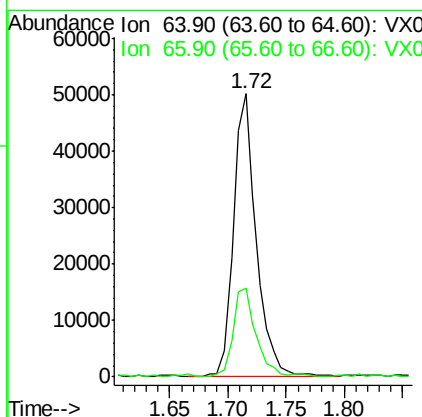
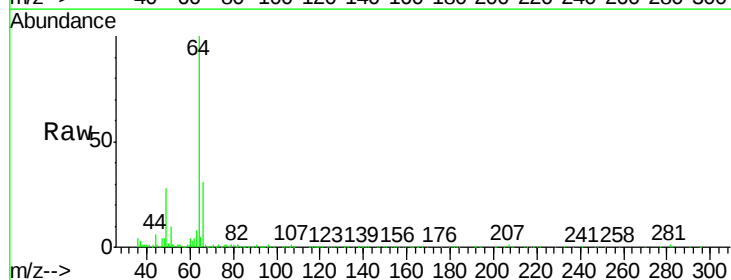
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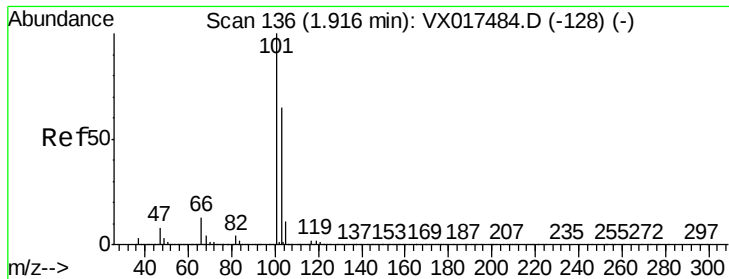
Tgt Ion: 64 Resp: 67365

Ion Ratio Lower Upper

64 100

66 30.7 24.9 37.3





#7

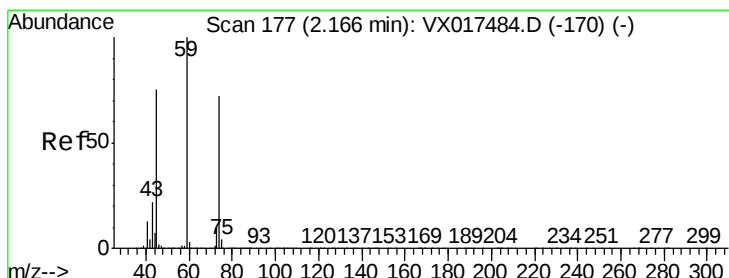
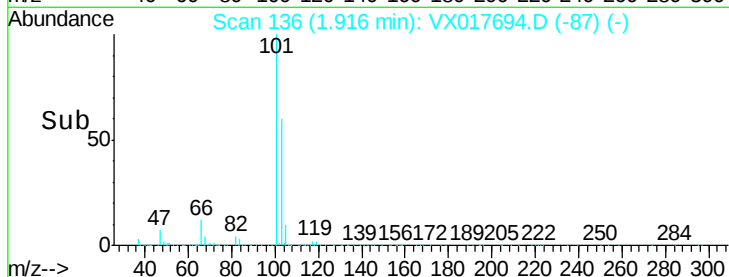
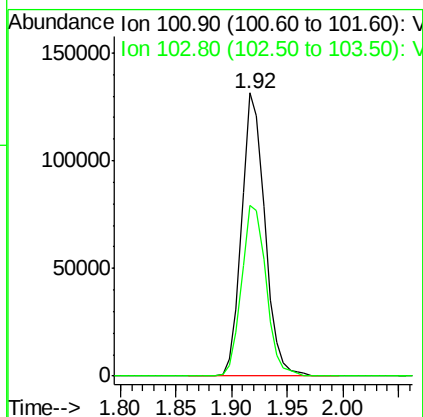
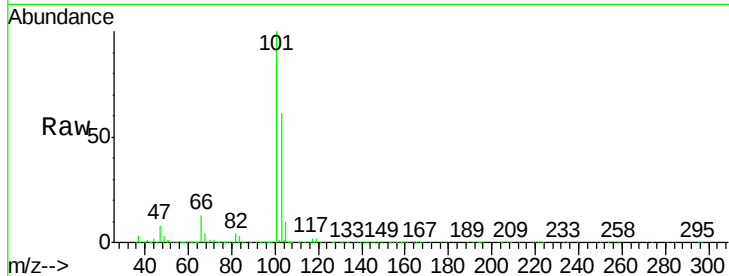
Trichlorofluoromethane
Concen: 18.073 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017694.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	60.4	51.8	77.8

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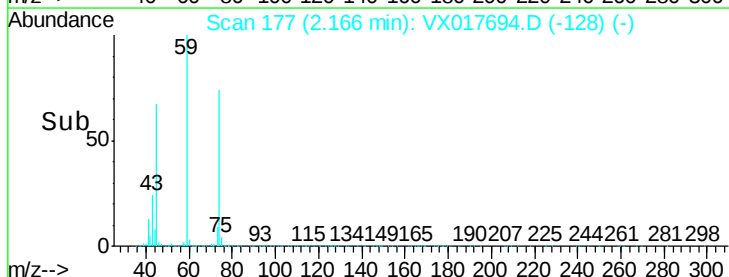
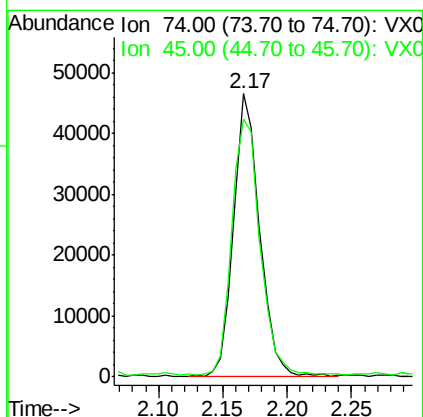
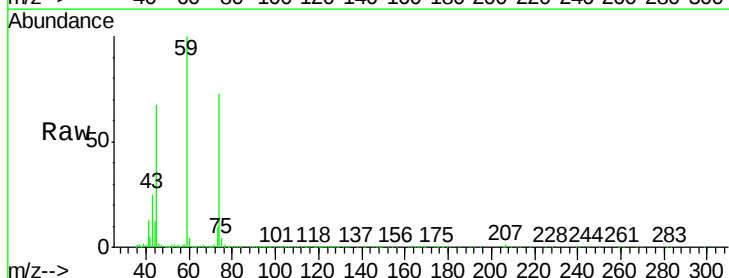
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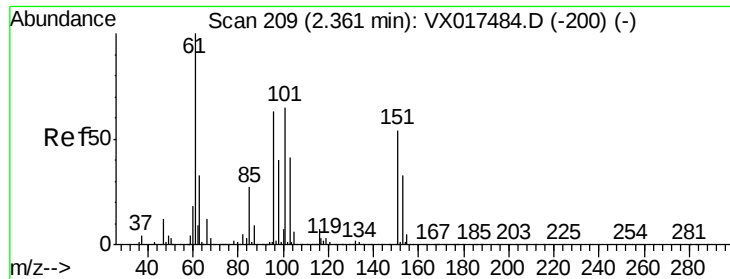


#8

Diethyl Ether
Concen: 18.505 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017694.D
Acq: 31 Jul 2020 12:27

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.5	50.8	152.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.685 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX017694.D

Acq: 31 Jul 2020 12:27

Instrument :

MSVOA_X

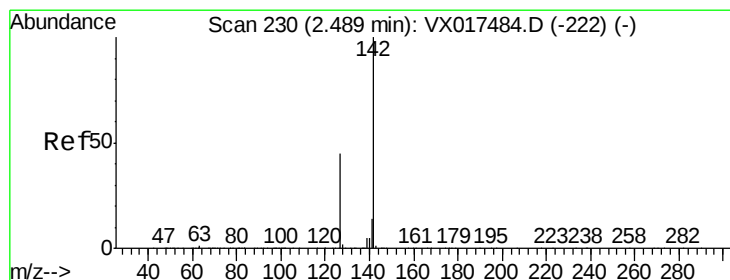
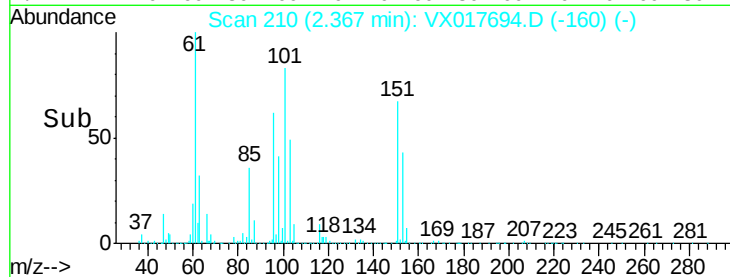
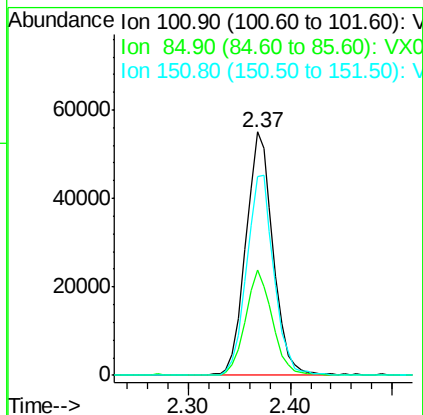
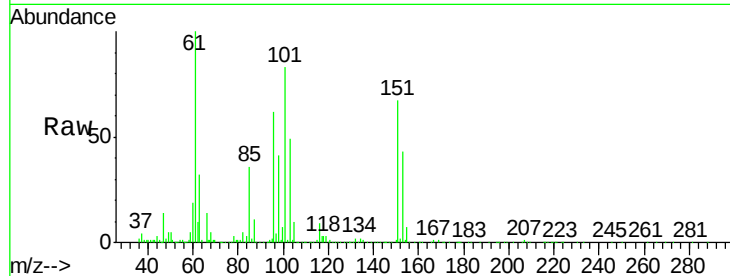
ClientSampled :

VX0731WBSD01

Tot Ion:	101	Resp:	102438
Ion Ratio	Lower	Upper	
101	100		
85	43.0	34.8	52.2
151	83.0	68.0	102.0

Manual Integrations
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#10

Methyl Iodide

Concen: 15.687 ug/l

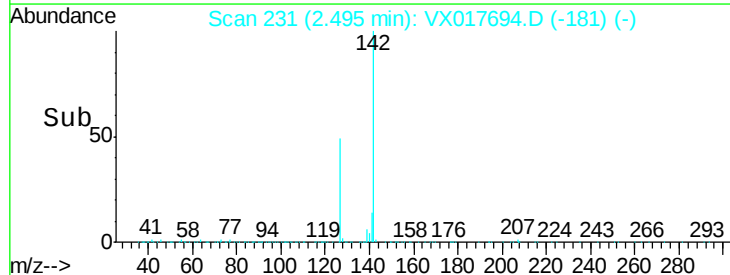
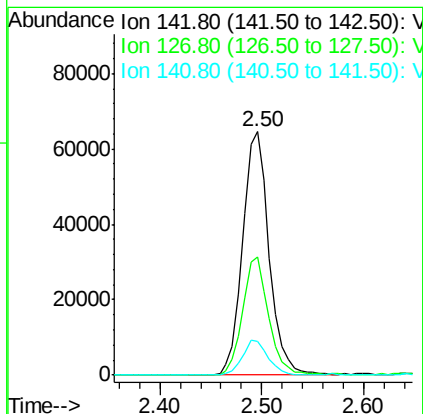
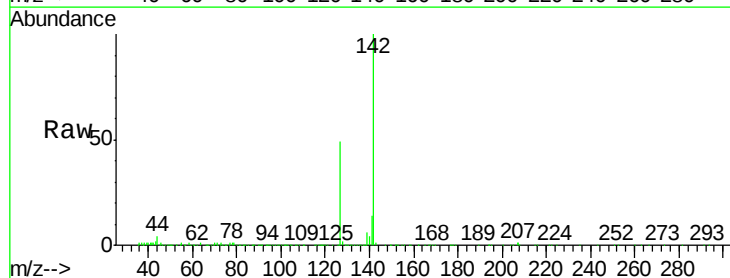
RT: 2.50 min Scan# 231

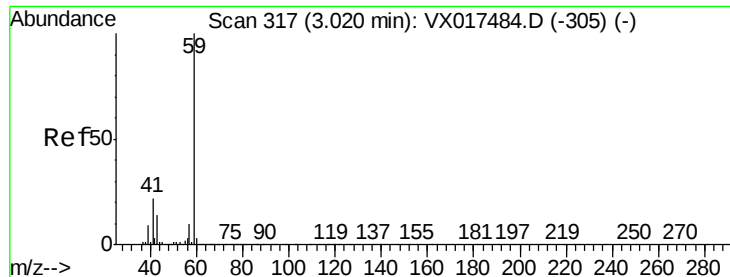
Delta R.T. 0.01 min

Lab File: VX017694.D

Acq: 31 Jul 2020 12:27

Tgt Ion:	142	Resp:	116244
Ion Ratio	Lower	Upper	
142	100		
127	47.6	35.9	53.9
141	13.9	11.4	17.0





#11

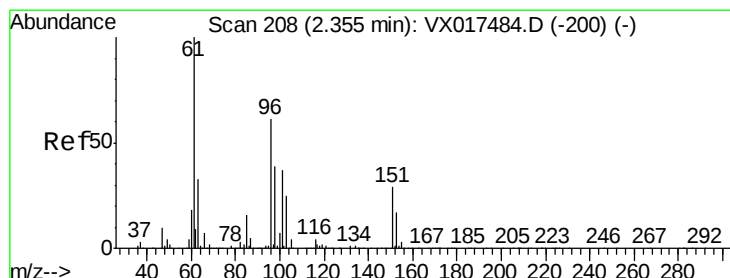
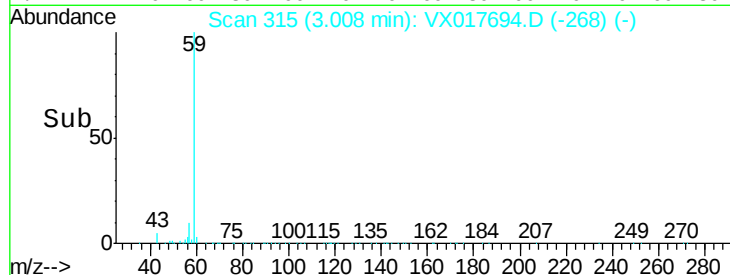
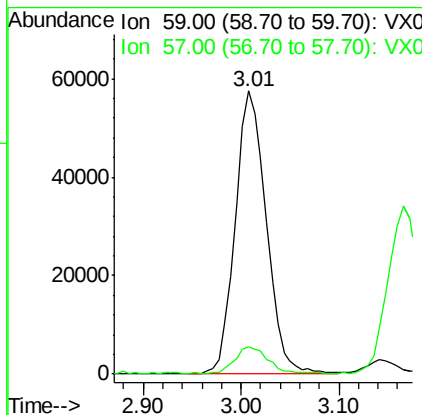
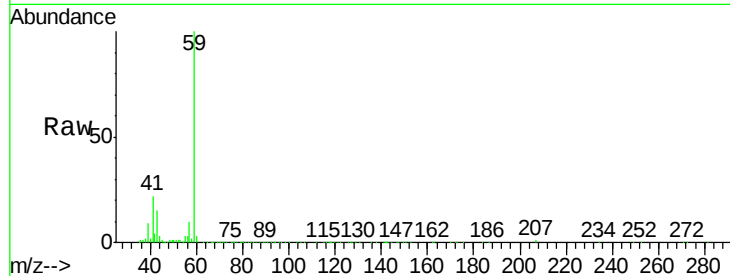
Tert butyl alcohol
Concen: 87.508 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX017694.D
Acq: 31 Jul 2020 12:27

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01

Tot Ion: 59 Resp: 126339
Ion Ratio Lower Upper
59 100
57 10.3 8.6 12.8

Manual Integrations
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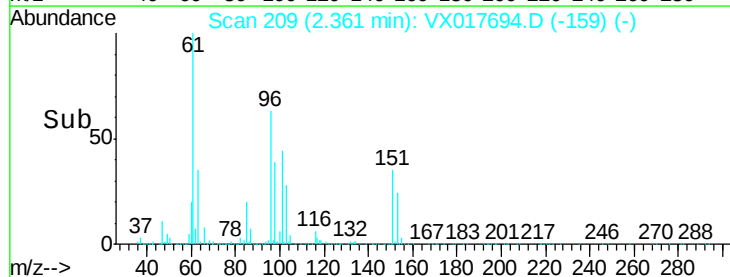
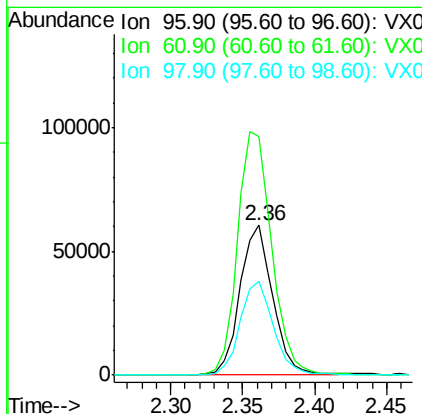
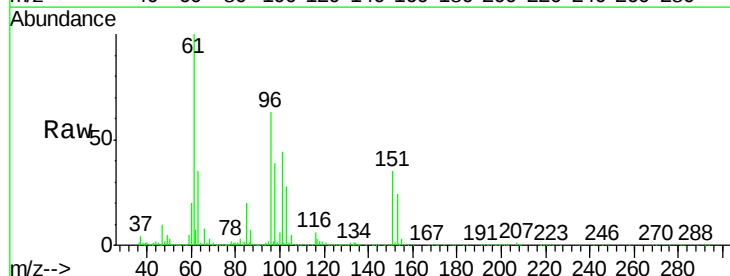
MMDadoda
8/3/2020 5:02:27 PM

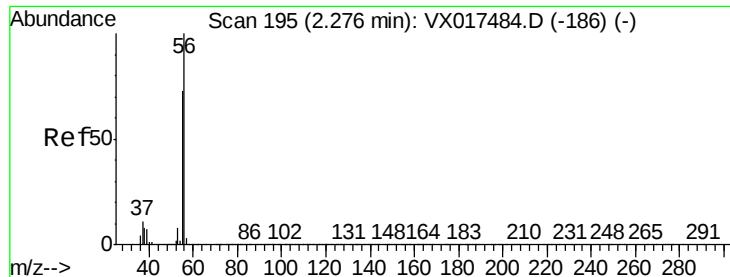


#12

1,1-Dichloroethene
Concen: 17.199 ug/l
RT: 2.36 min Scan# 209
Delta R.T. 0.01 min
Lab File: VX017694.D
Acq: 31 Jul 2020 12:27

Tgt Ion: 96 Resp: 94736
Ion Ratio Lower Upper
96 100
61 160.0 134.0 201.0
98 62.8 51.0 76.4





#13

Acrolein

Concen: 85.087 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017694.D

Acq: 31 Jul 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBSD01

Tot Ion: 56 Resp: 90722

Ion Ratio Lower Upper

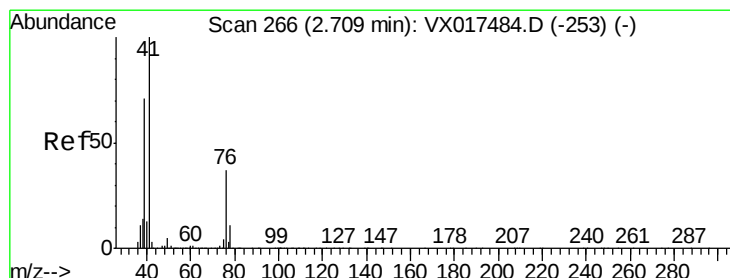
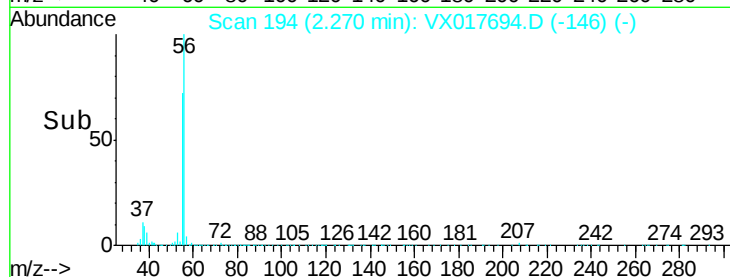
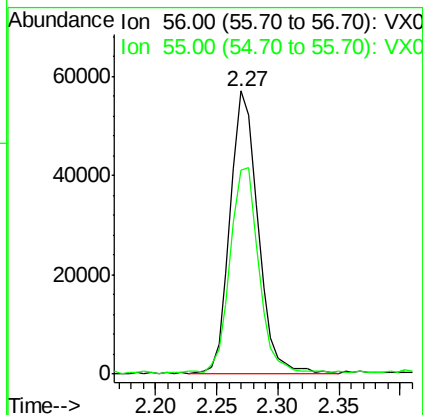
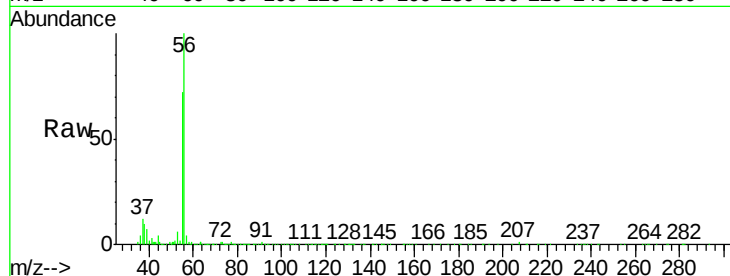
56 100

55 74.3 57.4 86.2

Manual Integrations
APPROVED

MMDadoda

8/3/2020 5:02:27 PM



#14

Allyl chloride

Concen: 18.371 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017694.D

Acq: 31 Jul 2020 12:27

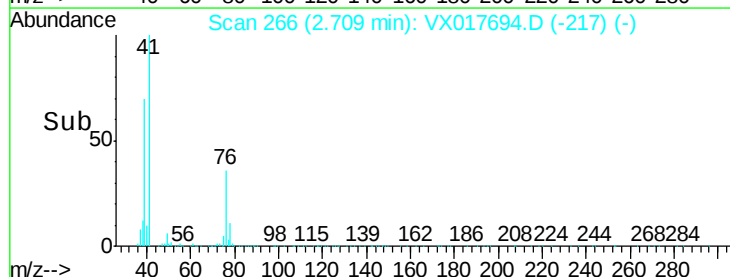
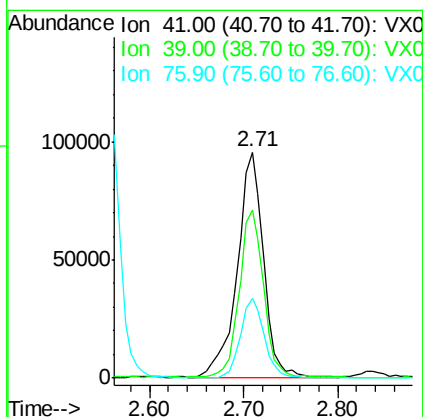
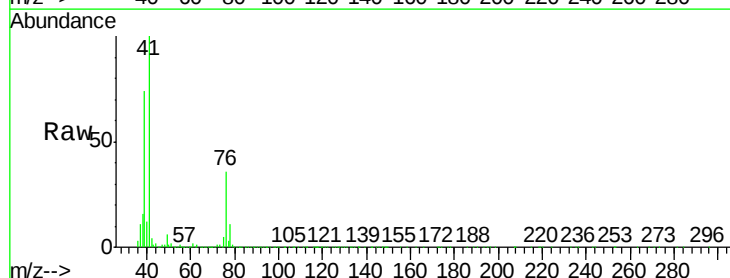
Tgt Ion: 41 Resp: 184774

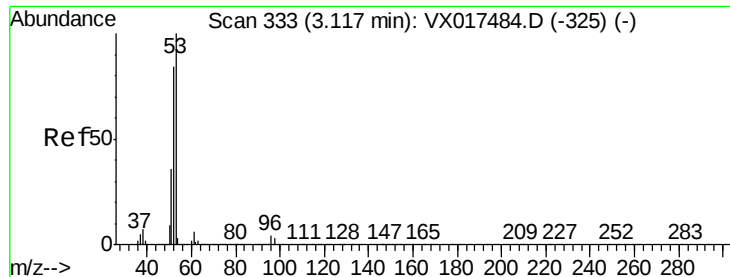
Ion Ratio Lower Upper

41 100

39 68.0 51.9 77.9

76 31.9 25.5 38.3





#15

Acrylonitrile

Concen: 94.718 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX017694.D

Acq: 31 Jul 2020 12:27

Instrument :

MSVOA_X

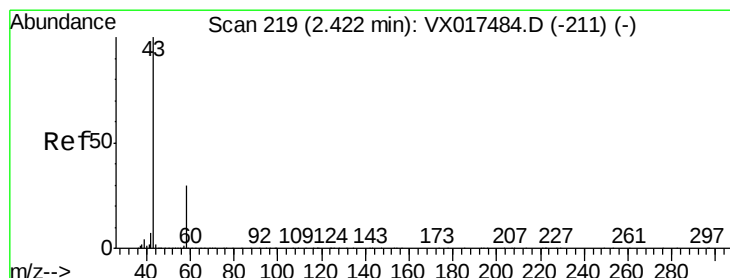
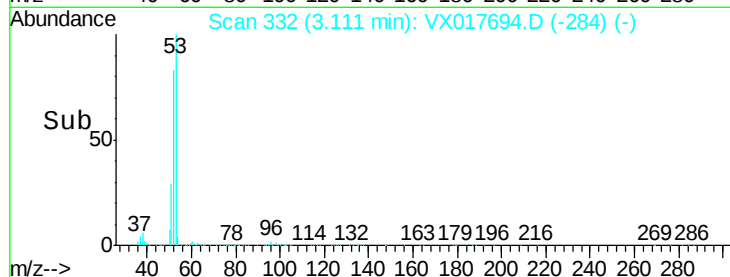
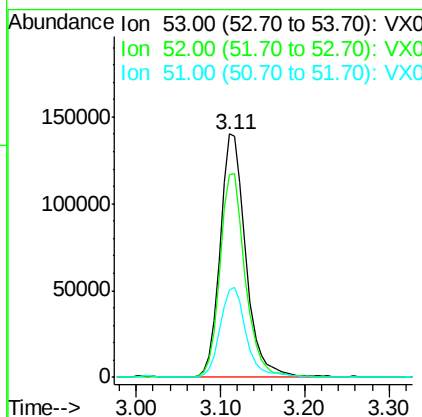
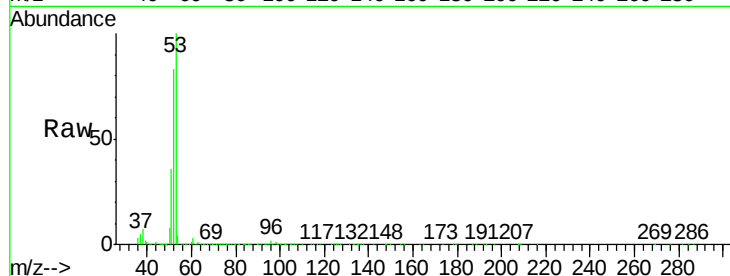
ClientSampled :

VX0731WBSD01

Tot Ion:	53	Resp:	295359
Ion Ratio		Lower	Upper
53	100		
52	81.7	66.6	99.8
51	37.2	29.4	44.2

Manual Integrations
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#16

Acetone

Concen: 88.299 ug/l

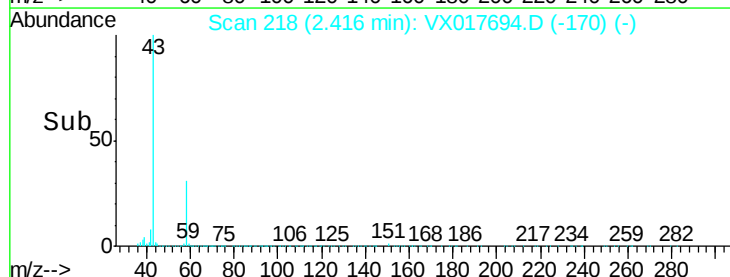
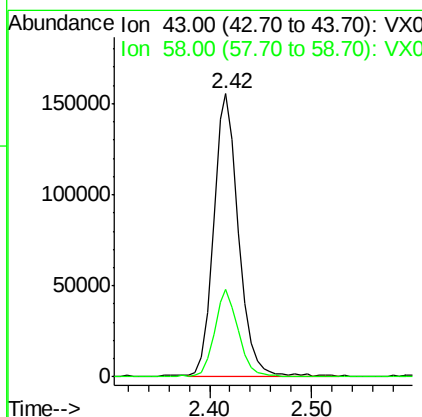
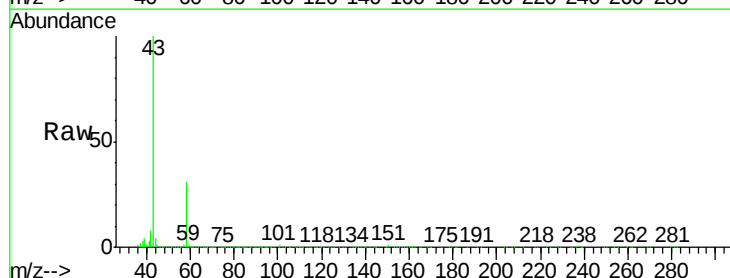
RT: 2.42 min Scan# 218

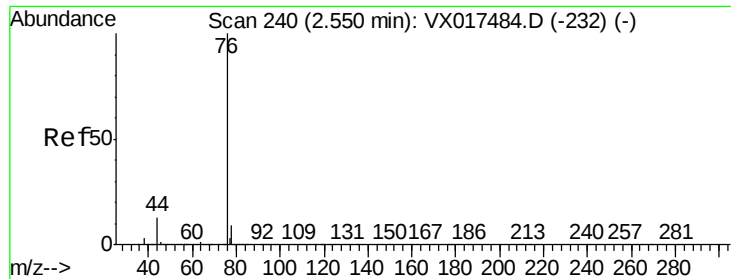
Delta R.T. -0.01 min

Lab File: VX017694.D

Acq: 31 Jul 2020 12:27

Tgt Ion:	43	Resp:	266222
Ion Ratio		Lower	Upper
43	100		
58	30.5	24.2	36.4





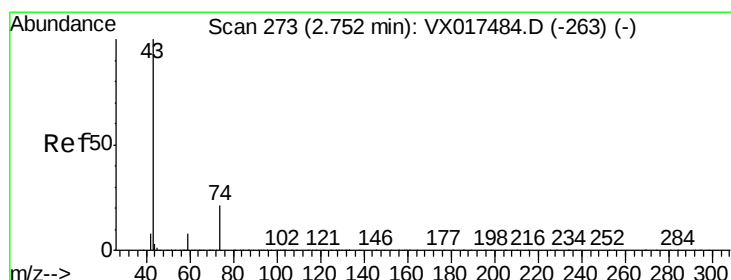
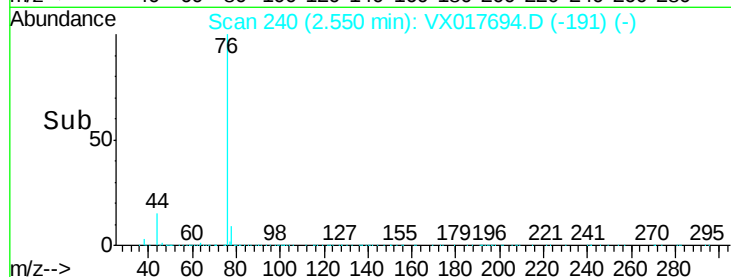
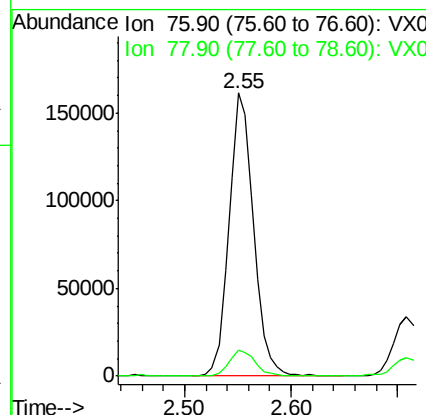
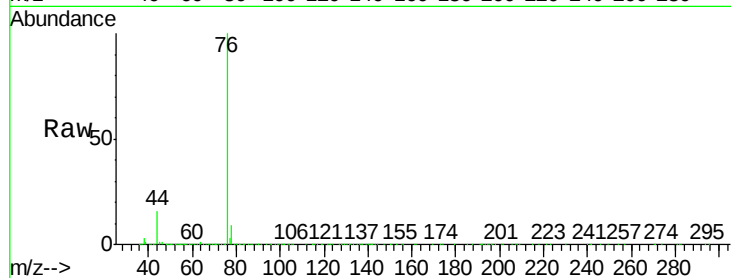
#17
Carbon Disulfide
Concen: 15.482 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX017694.D
Acq: 31 Jul 2020 12:27

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.5	11.3

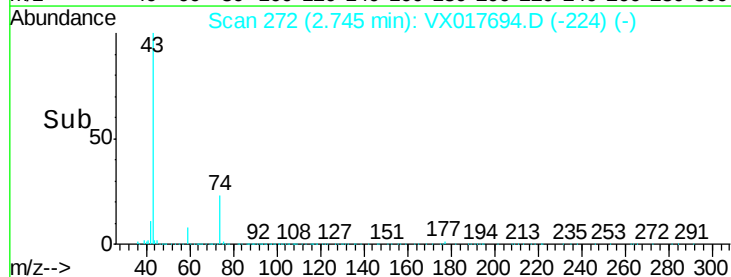
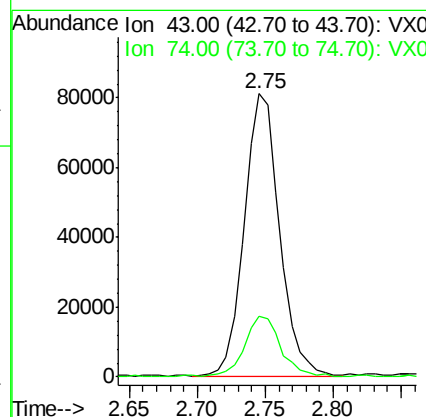
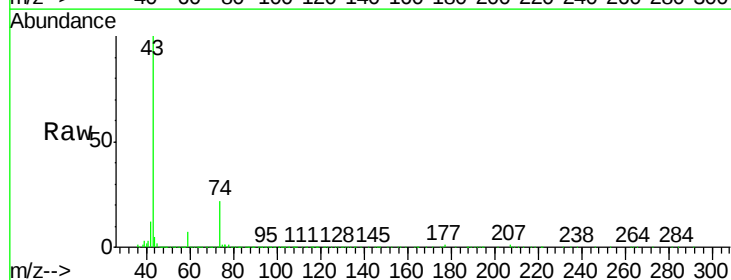
Manual Integrations
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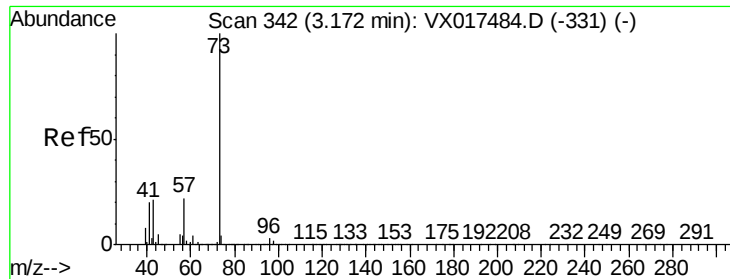
MMDadoda
8/3/2020 5:02:27 PM



#18
Methyl Acetate
Concen: 20.583 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX017694.D
Acq: 31 Jul 2020 12:27

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.9	17.5	26.3





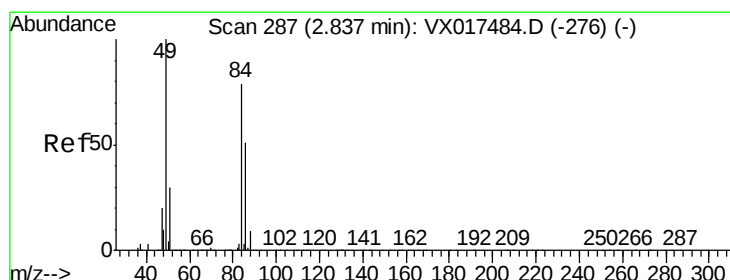
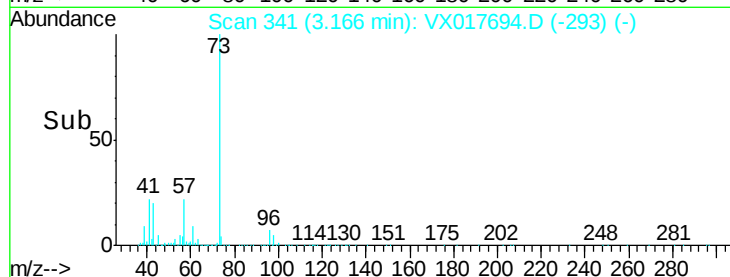
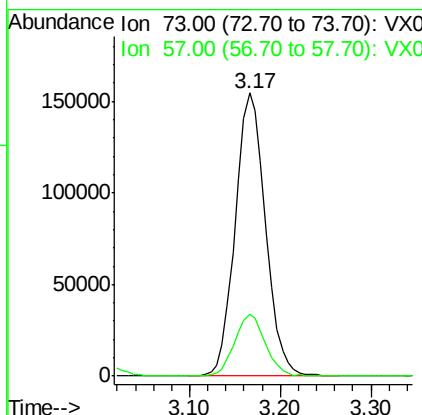
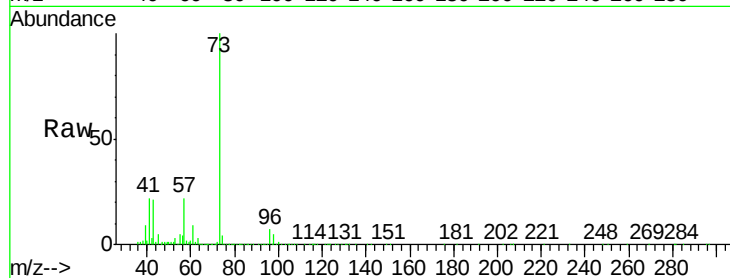
#19
Methvl tert-butvl Ether
Concen: 18.694 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX017694.D
Acq: 31 Jul 2020 12:27

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.0	17.0	25.4

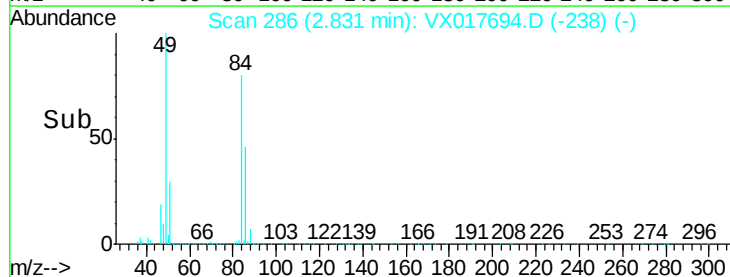
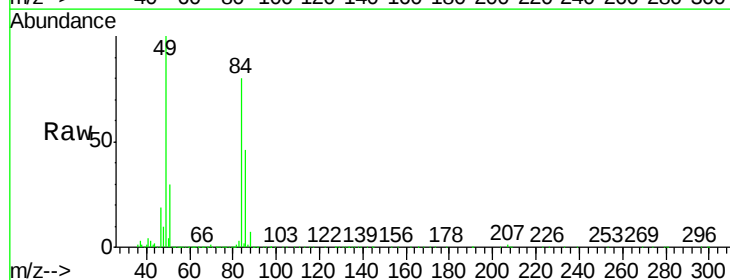
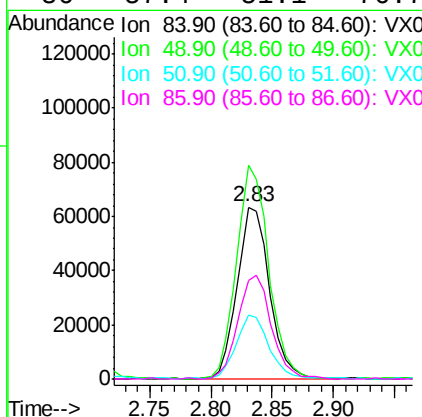
Manual Integrations
APPROVED

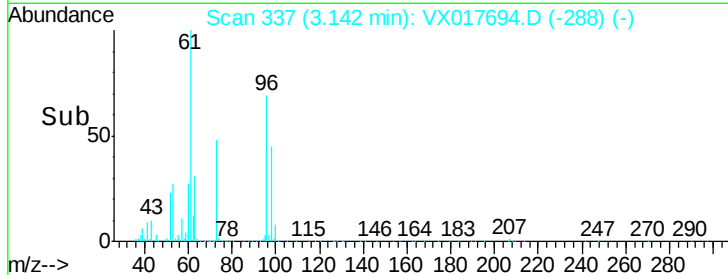
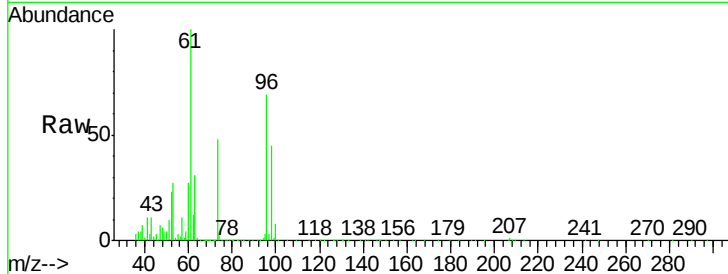
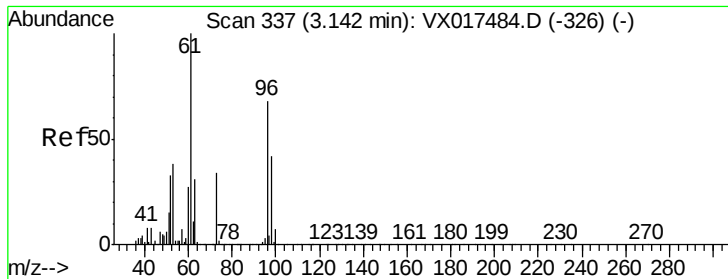
MMDadoda
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#20
Methylene Chloride
Concen: 19.779 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX017694.D
Acq: 31 Jul 2020 12:27

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.1	100.3	150.5
51	36.9	30.5	45.7
86	57.4	51.1	76.7





#21

trans-1,2-Dichloroethene

Concen: 18.124 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017694.D

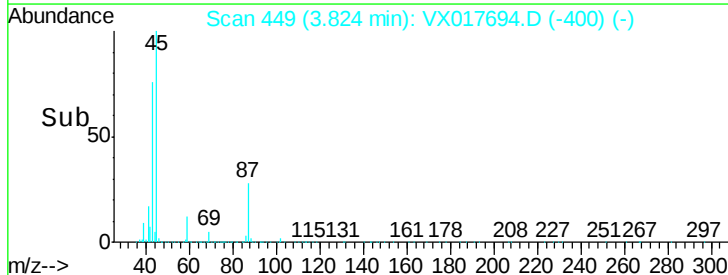
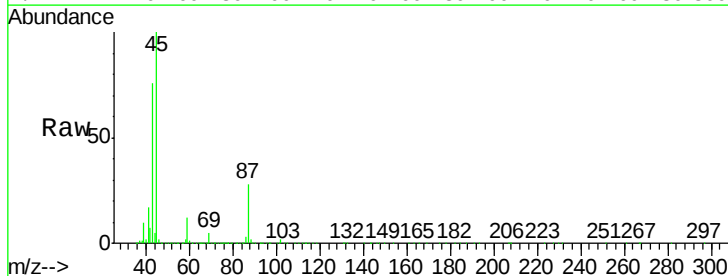
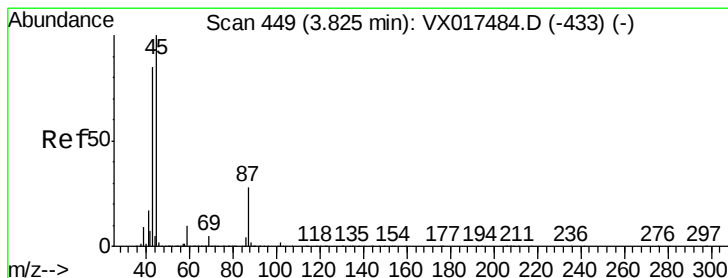
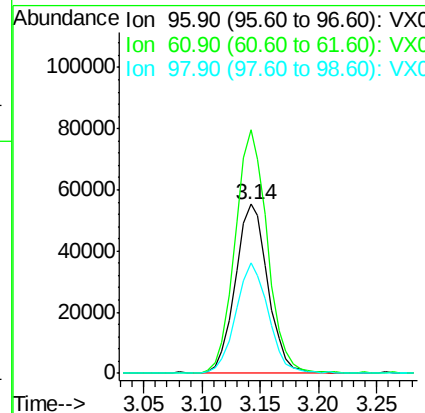
Acq: 31 Jul 2020 12:27

Tot Ion:	96	Resp:	106947
Ion	Ratio	Lower	Upper
96	100		
61	144.1	113.0	169.4
98	64.9	51.8	77.8

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.447 ug/l

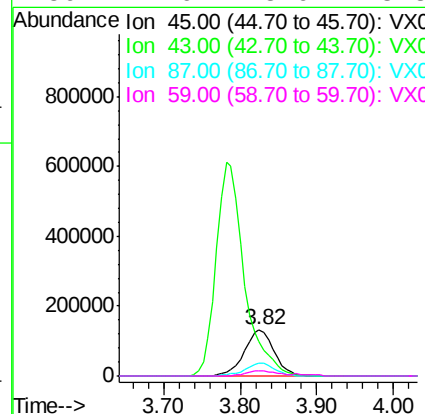
RT: 3.82 min Scan# 449

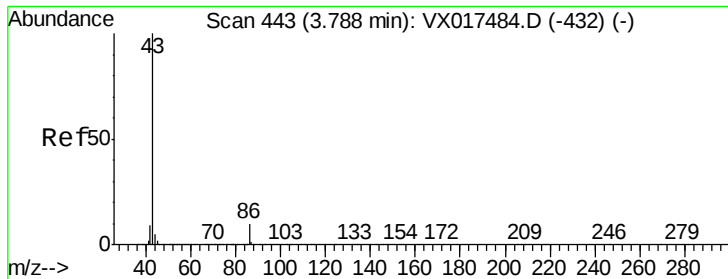
Delta R.T. -0.00 min

Lab File: VX017694.D

Acq: 31 Jul 2020 12:27

Tgt Ion:	45	Resp:	357630
Ion	Ratio	Lower	Upper
45	100		
43	75.8	52.0	78.0
87	28.4	22.2	33.4
59	11.9	8.9	13.3





#23

Vinyl Acetate

Concen: 95.502 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX017694.D

Acq: 31 Jul 2020 12:27

Instrument :

MSVOA_X

ClientSampled :

VX0731WBSD01

Tot Ion: 43 Resp: 1565975

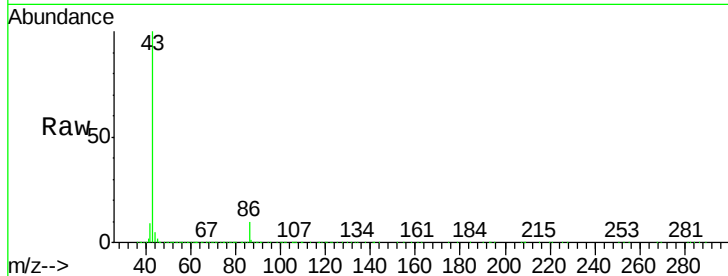
Ion Ratio Lower Upper

43 100

86 10.0 8.2 12.4

Manual Integrations
APPROVED

MMDadoda
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

600000

400000

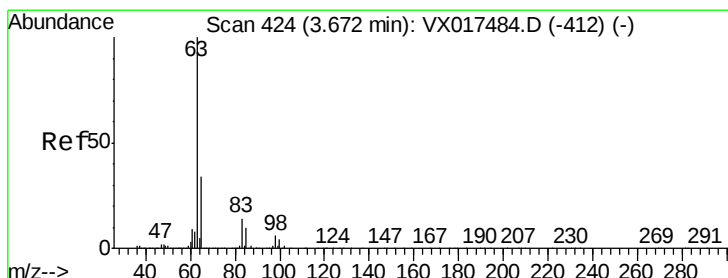
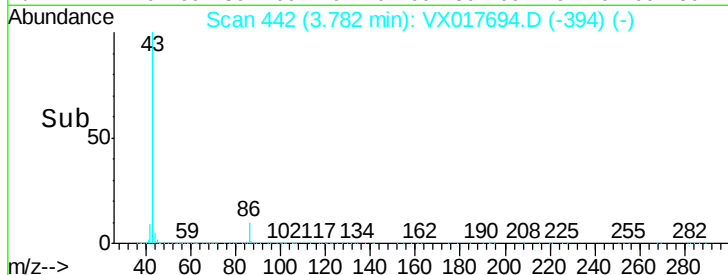
200000

0

3.78

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 18.905 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017694.D

Acq: 31 Jul 2020 12:27

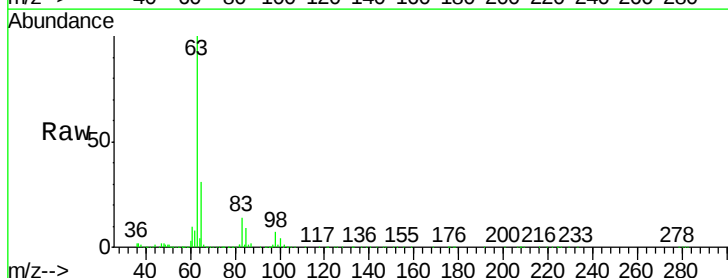
Tgt Ion: 63 Resp: 200274

Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.1

100 3.9 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

100000

80000

60000

40000

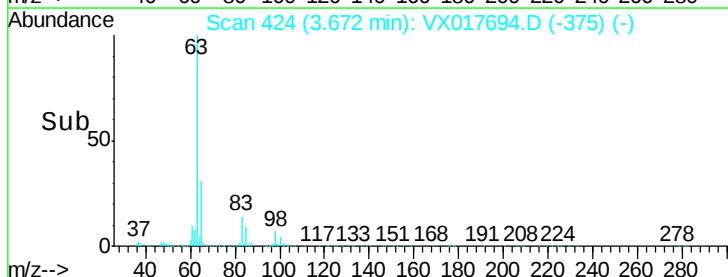
20000

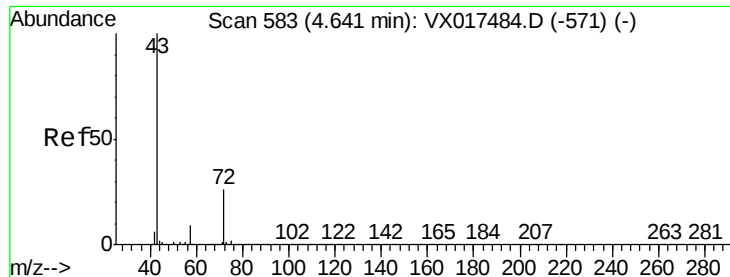
0

3.67

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 96.066 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX017694.D

Acq: 31 Jul 2020 12:27

Tot Ion: 43 Resp: 411465

Ion Ratio Lower Upper

43 100

72 24.3 19.0 28.4

Instrument :

MSVOA_X

ClientSampleId :

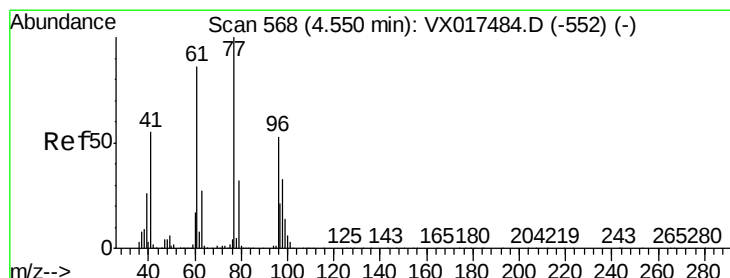
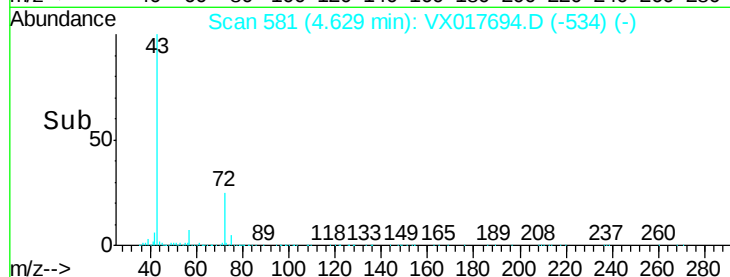
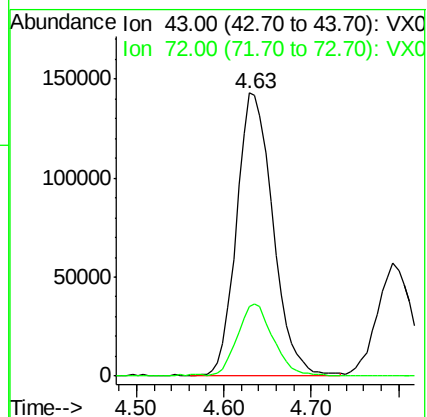
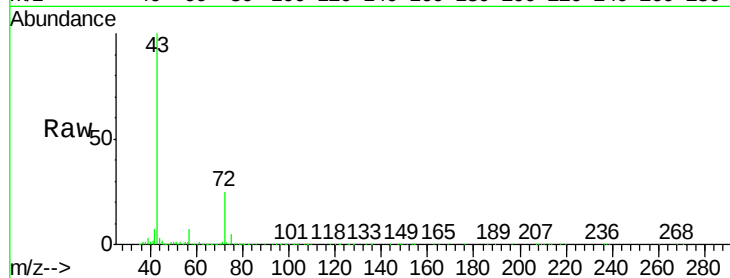
VX0731WBSD01

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#26

2,2-Dichloropropane

Concen: 19.123 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX017694.D

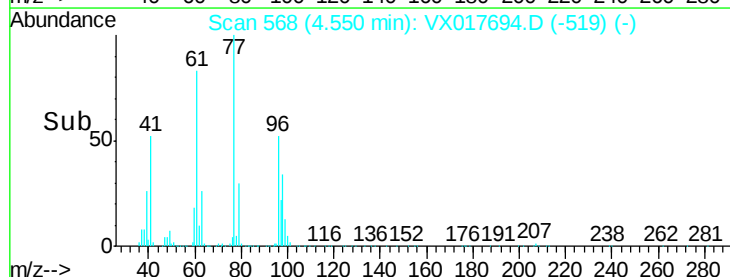
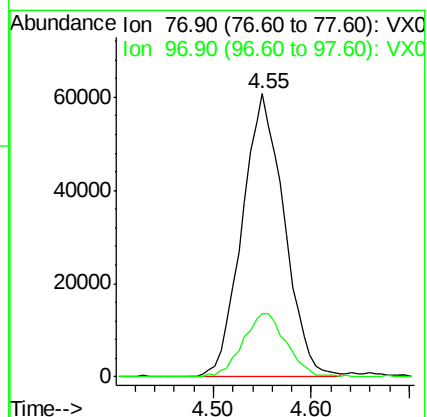
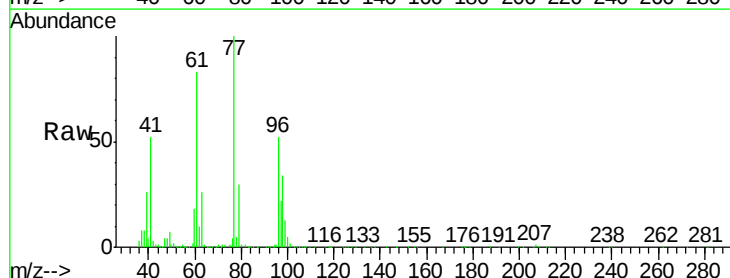
Acq: 31 Jul 2020 12:27

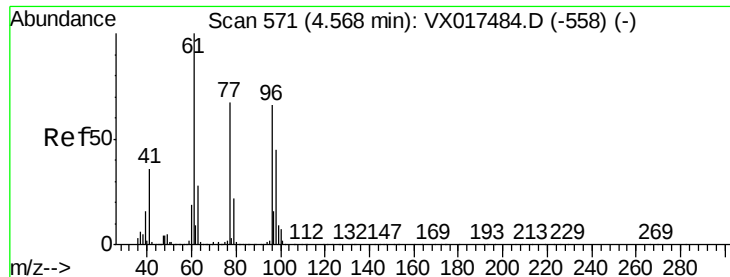
Tgt Ion: 77 Resp: 181347

Ion Ratio Lower Upper

77 100

97 23.3 10.9 32.9





#27

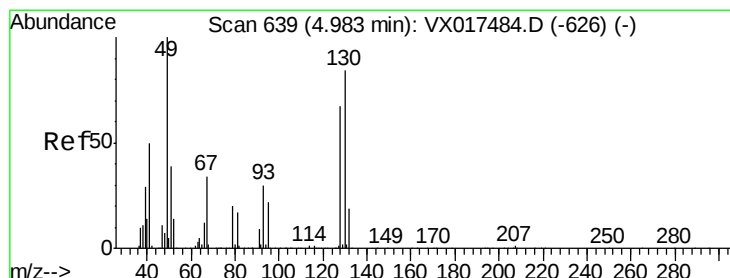
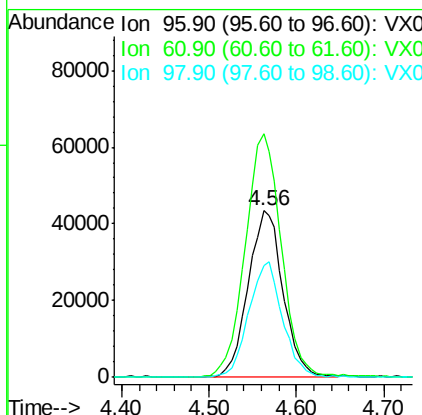
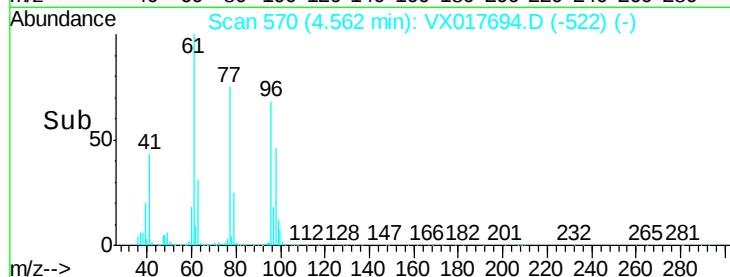
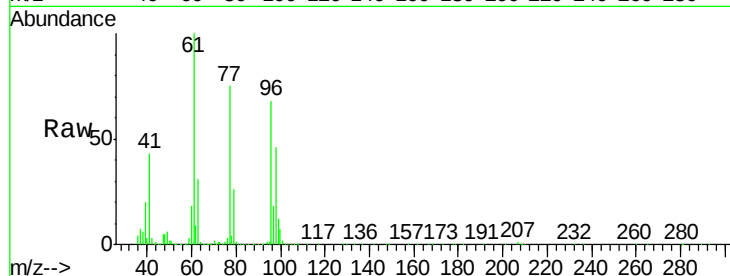
cis-1,2-Dichloroethene
Concen: 18.815 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX017694.D
Acq: 31 Jul 2020 12:27

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	120590		
61	152.0	0.0	301.2	
98	67.3	0.0	130.0	

Manual Integrations
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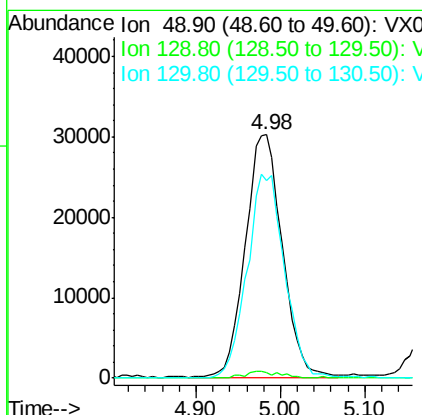
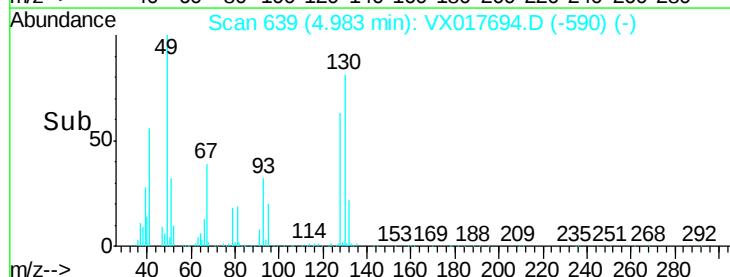
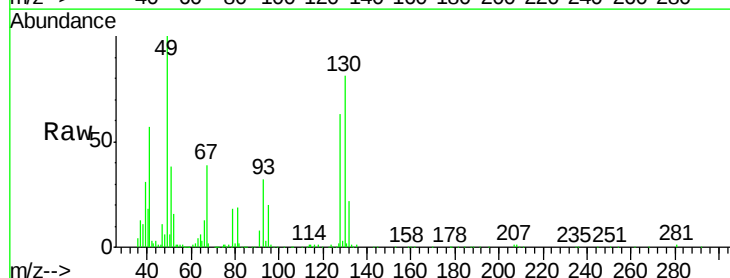
MMDadoda
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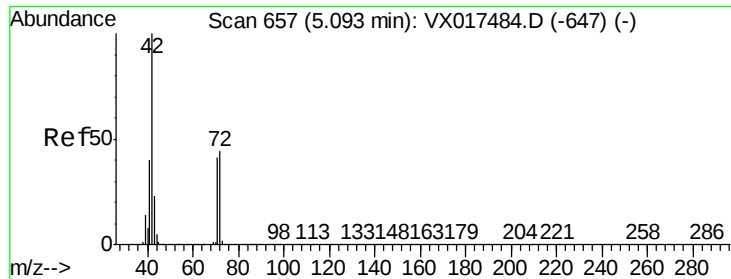


#28

Bromochloromethane
Concen: 18.801 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017694.D
Acq: 31 Jul 2020 12:27

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	90257		
129	1.8	0.0	4.6	
130	85.4	66.7	100.1	





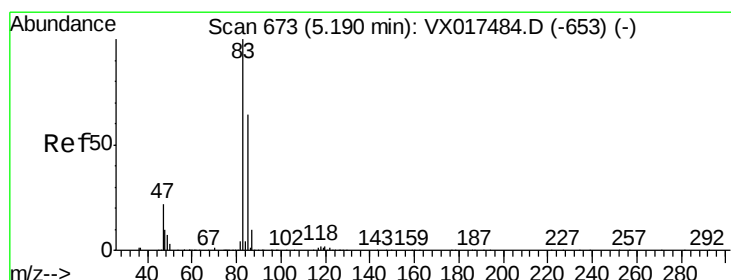
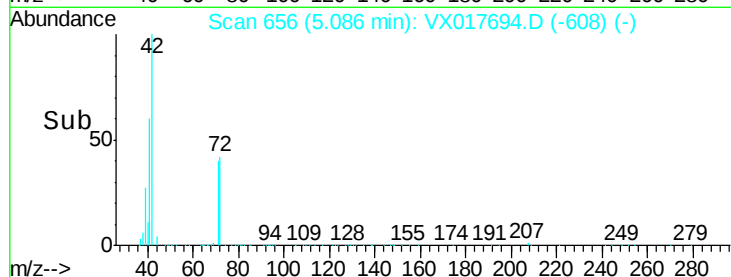
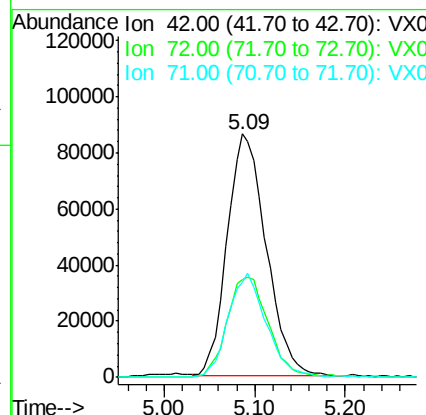
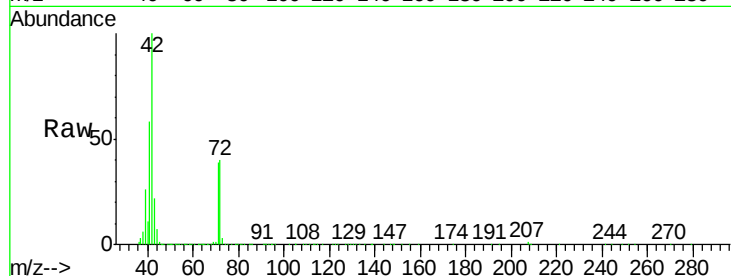
#29
Tetrahydrofuran
Concen: 97.102 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX017694.D
Acq: 31 Jul 2020 12:27

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.4	35.5	53.3
71	42.0	33.0	49.4

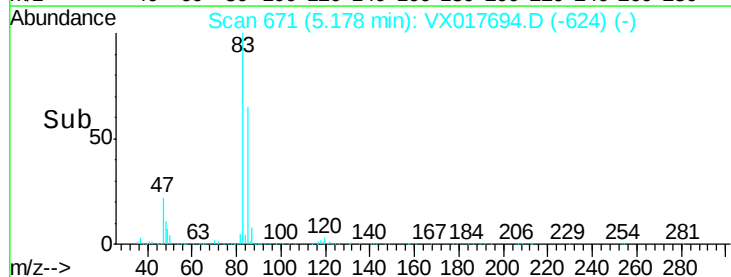
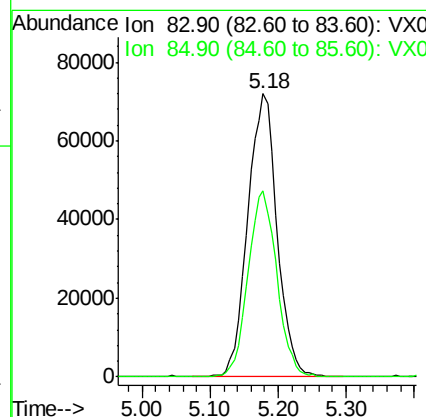
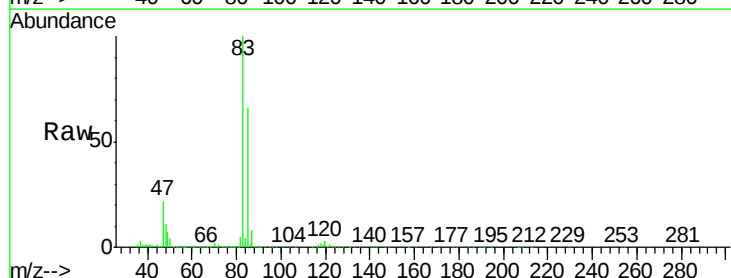
Manual Integrations
APPROVED

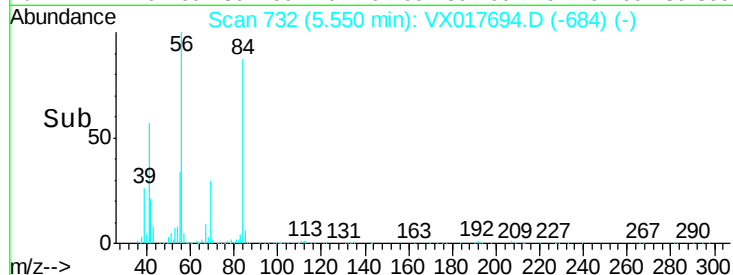
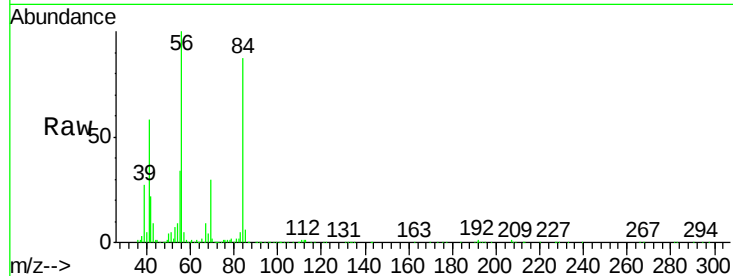
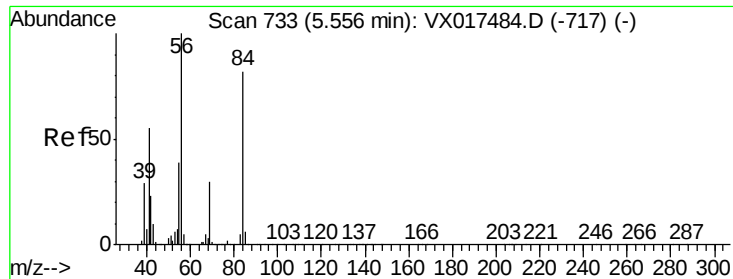
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#30
Chloroform
Concen: 19.920 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX017694.D
Acq: 31 Jul 2020 12:27

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.5	51.4	77.2





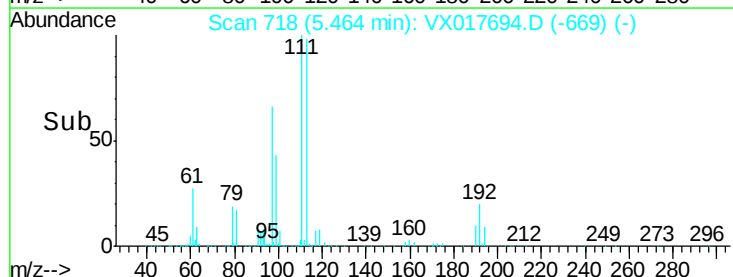
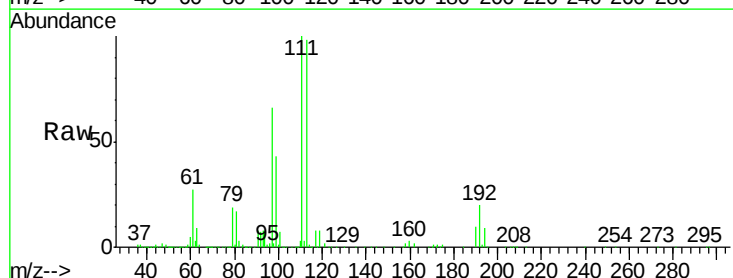
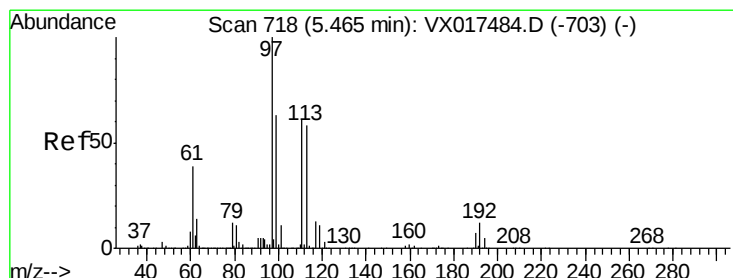
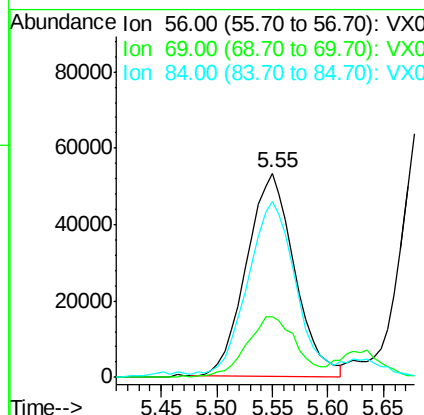
#31
Cyclohexane
Concen: 18.895 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX017694.D
Acq: 31 Jul 2020 12:27

Tot Ion	56	69	84
Ion	100	29.7	85.3
Ratio			
Lower		24.2	69.0
Upper		36.4	103.6

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01

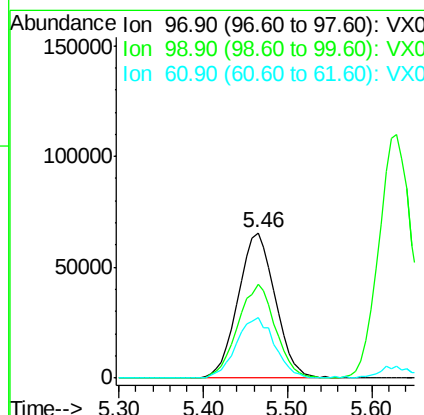
Manual Integrations
APPROVED

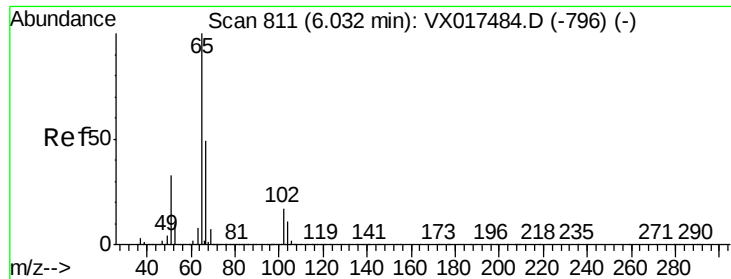
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 19.181 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX017694.D
Acq: 31 Jul 2020 12:27

Tgt Ion	97	99	61
Ion	100	65.2	42.9
Ratio			
Lower		51.9	34.1
Upper		77.9	51.1





#33

1,2-Dichloroethane-d4

Concen: 51.968 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017694.D

Acq: 31 Jul 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBSD01

Tot Ion: 65 Resp: 355993

Ion Ratio Lower Upper

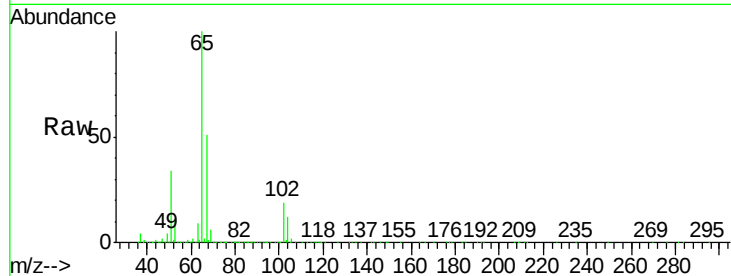
65 100

67 51.0 0.0 102.8

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

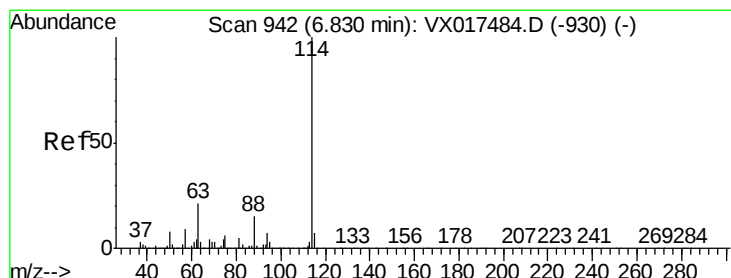
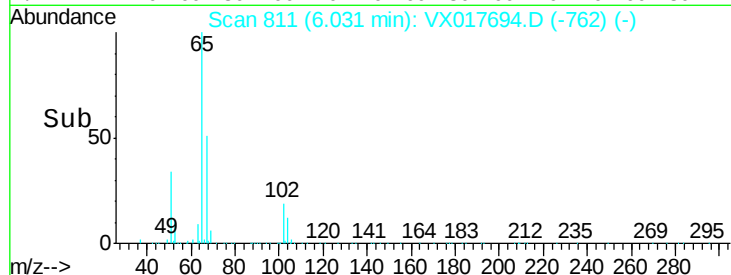
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017694.D

Acq: 31 Jul 2020 12:27

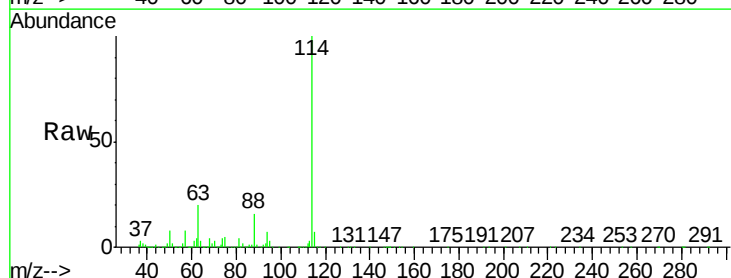
Tgt Ion: 114 Resp: 803380

Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.6

88 16.4 0.0 33.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.83

400000

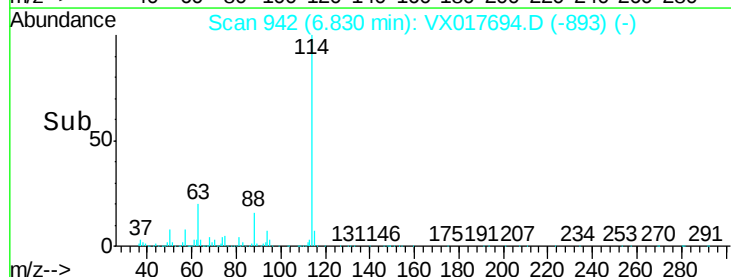
300000

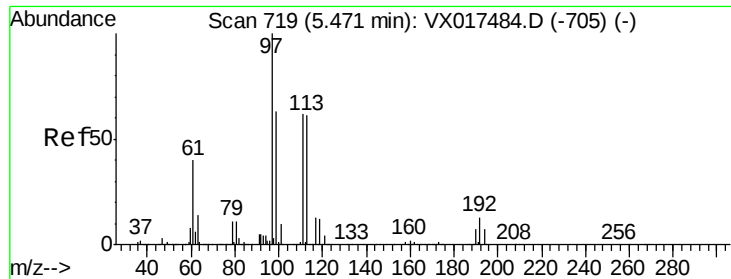
200000

100000

0

Time-->





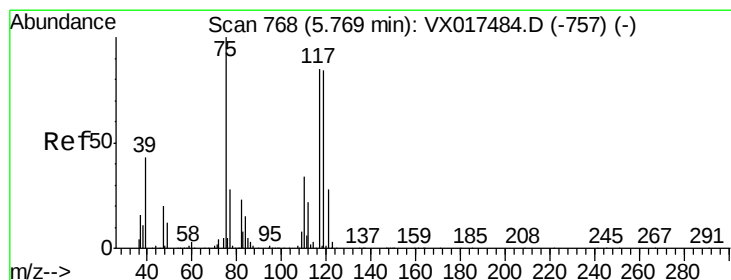
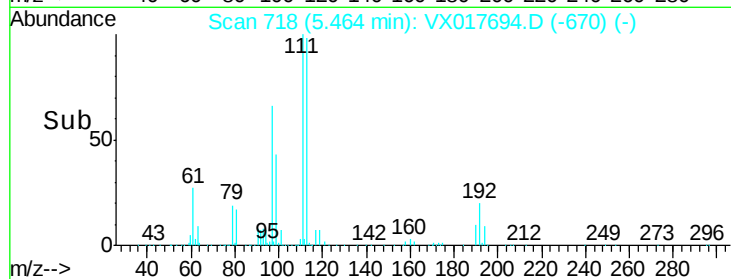
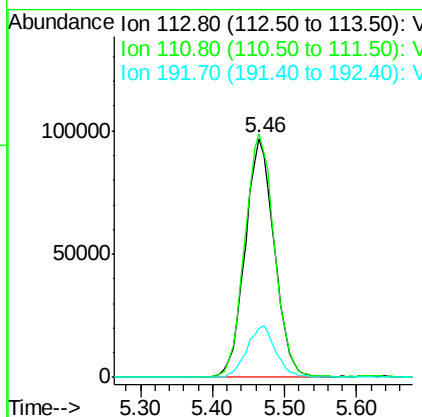
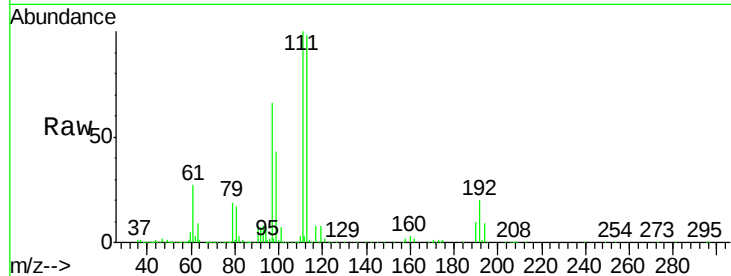
#35
Dibromofluoromethane
Concen: 50.747 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX017694.D
Acq: 31 Jul 2020 12:27

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	272667		
111	103.5	80.7	121.1	
192	21.4	16.9	25.3	

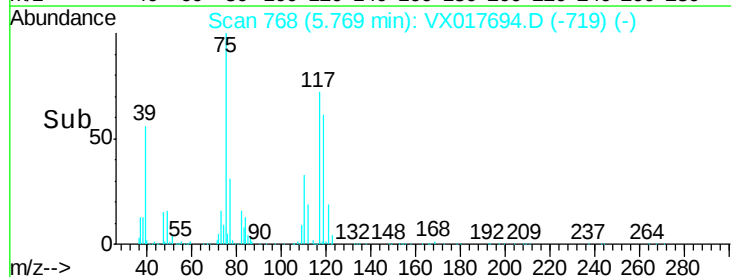
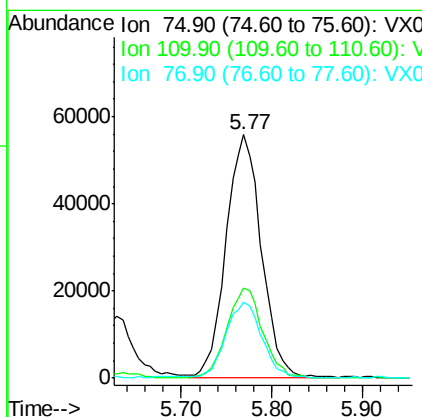
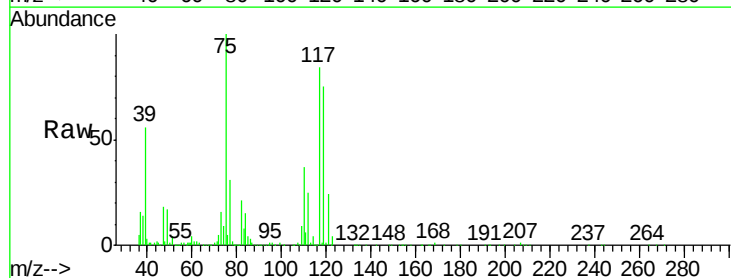
Manual Integrations
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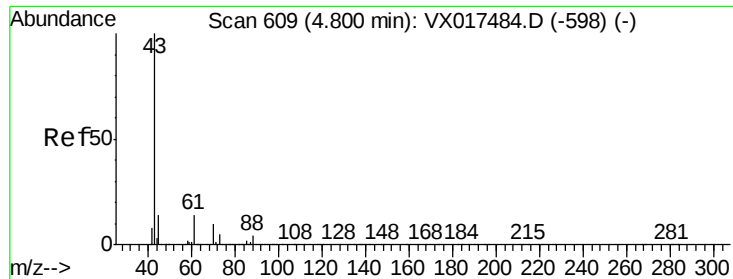
MMDadoda
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#36
1,1-Dichloropropene
Concen: 19.380 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX017694.D
Acq: 31 Jul 2020 12:27

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	149324		
110	38.2	18.1	54.3	
77	31.7	24.6	37.0	





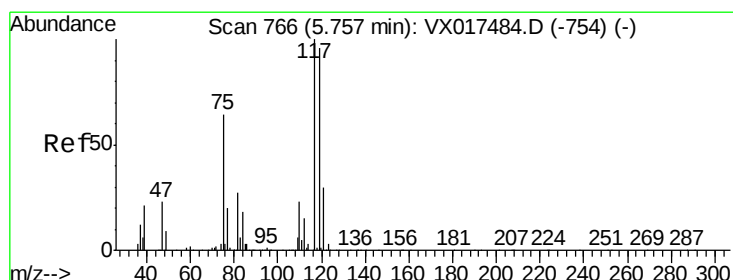
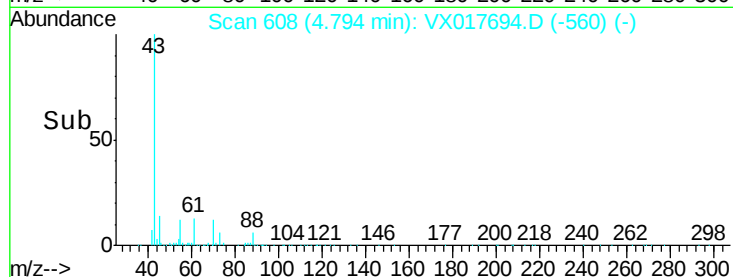
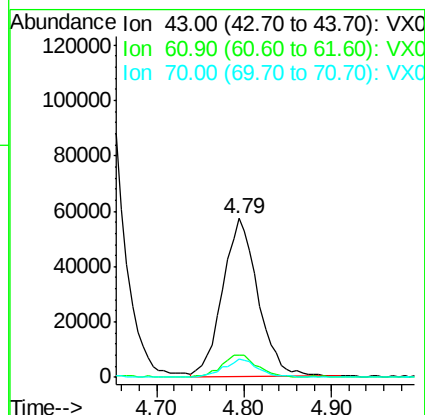
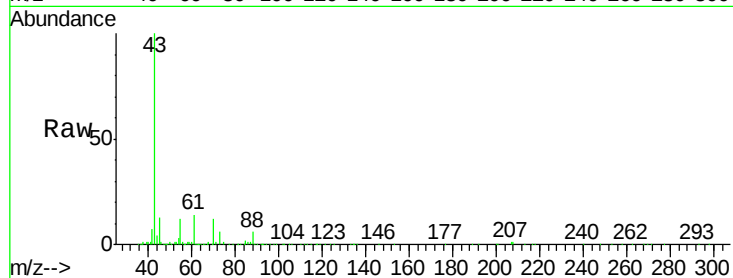
#37
Ethyl Acetate
Concen: 19.096 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX017694.D
Acq: 31 Jul 2020 12:27

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.7	16.1
70	11.2	8.5	12.7

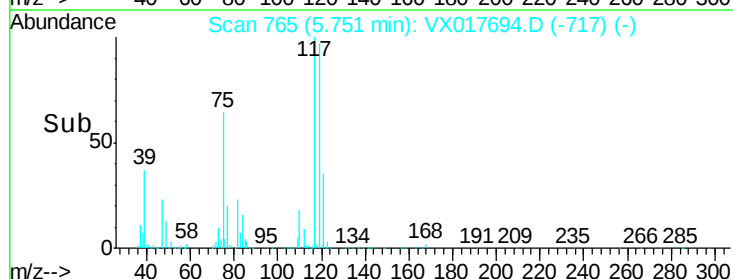
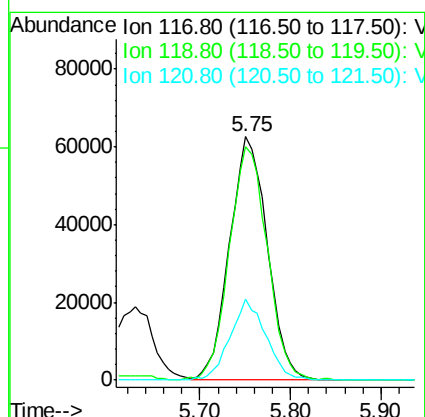
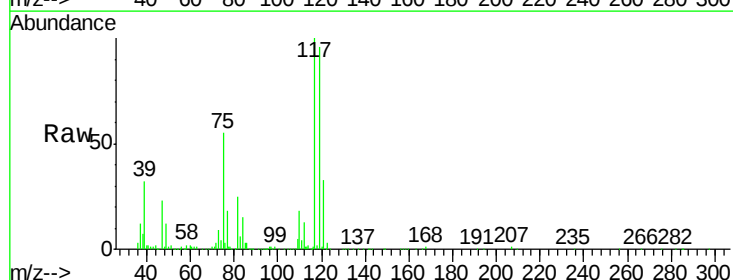
Manual Integrations
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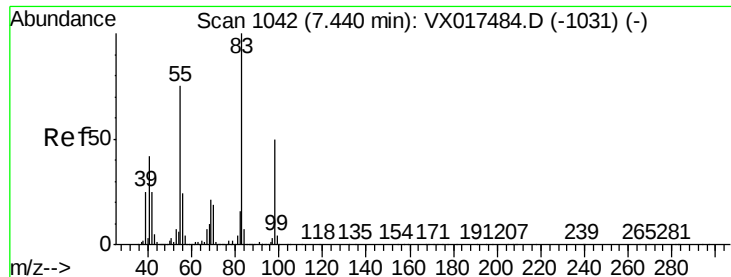
MMDadoda
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#38
Carbon Tetrachloride
Concen: 19.237 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX017694.D
Acq: 31 Jul 2020 12:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	75.4	113.0
121	33.3	24.3	36.5





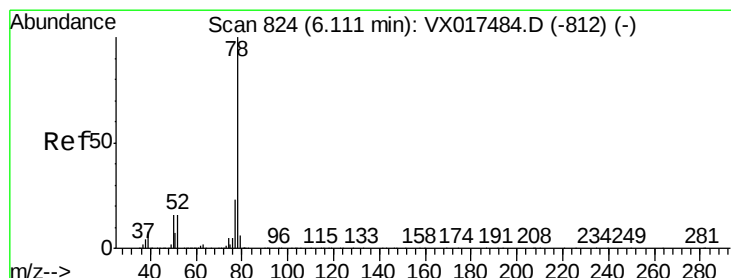
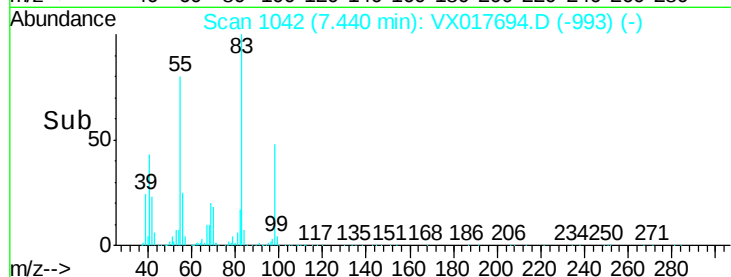
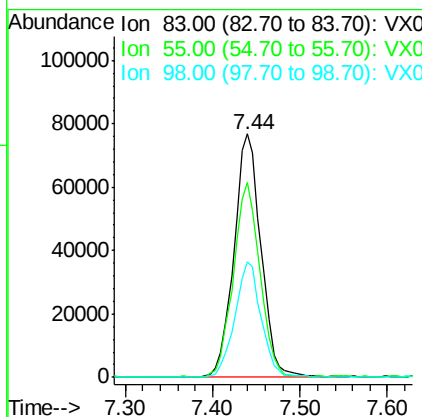
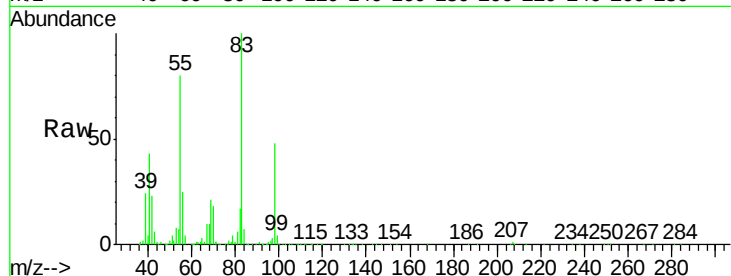
#39
Methvlcvclohexane
Concen: 18.406 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017694.D
Acq: 31 Jul 2020 12:27

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.2	61.8	92.8
98	47.6	36.9	55.3

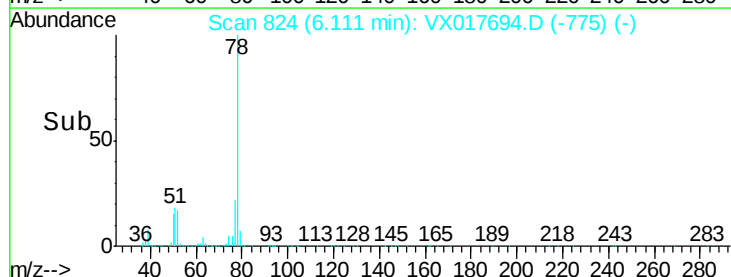
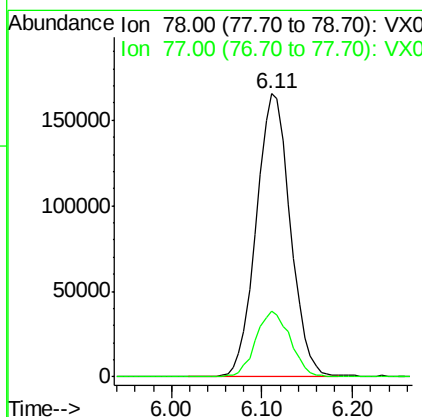
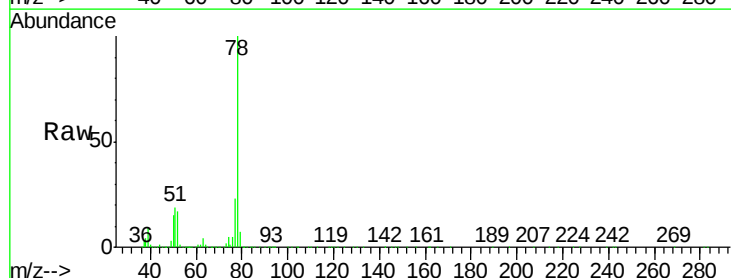
Manual Integrations
APPROVED

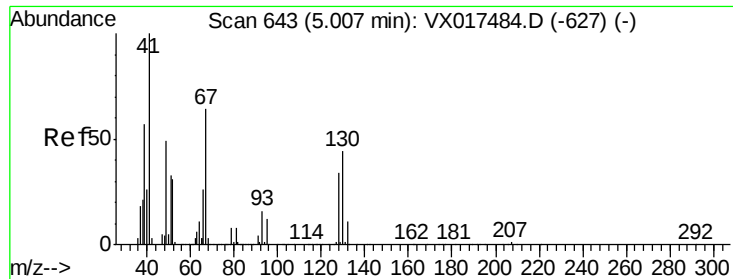
MMDadoda
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#40
Benzene
Concen: 19.431 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX017694.D
Acq: 31 Jul 2020 12:27

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.4	29.2





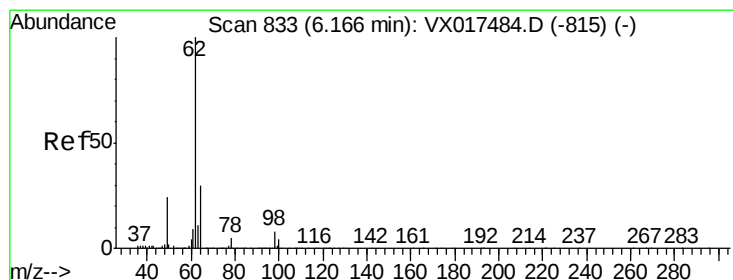
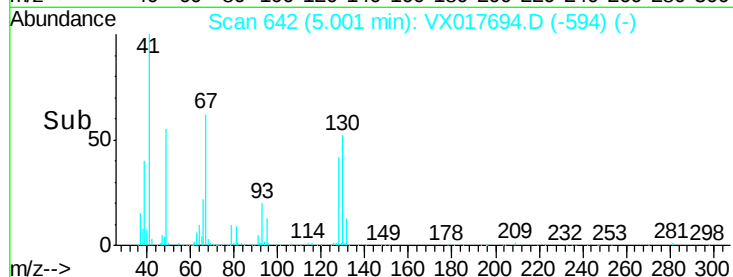
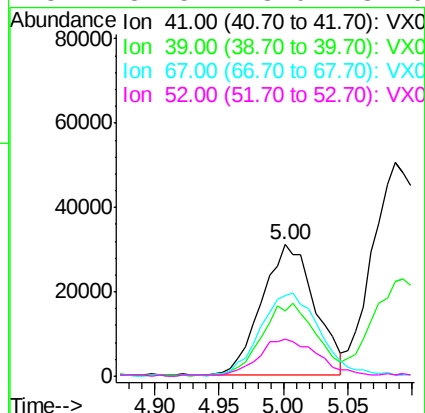
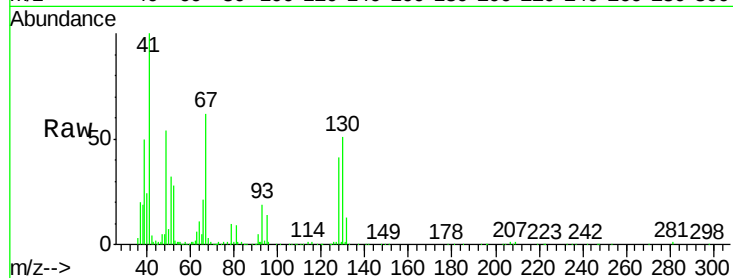
#41
Methacrylonitrile
Concen: 18.525 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX017694.D
Acq: 31 Jul 2020 12:27

Instrument :
MSVOA_X
ClientSampled :
VX0731WBSD01

Tot Ion	Ratio	Lower	Upper
41	100		
39	55.8	43.9	65.9
67	70.3	54.0	81.0
52	31.5	23.0	34.6

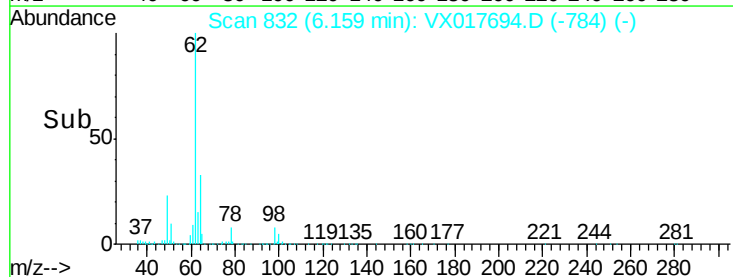
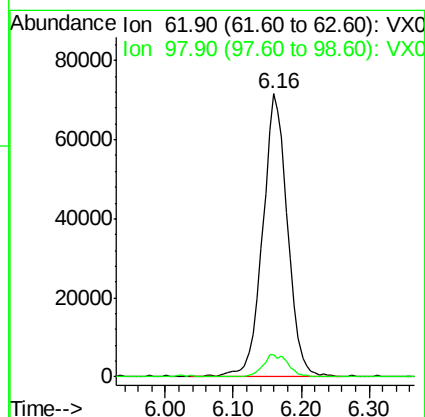
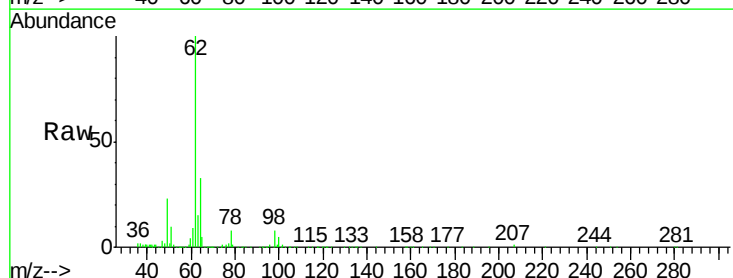
Manual Integrations
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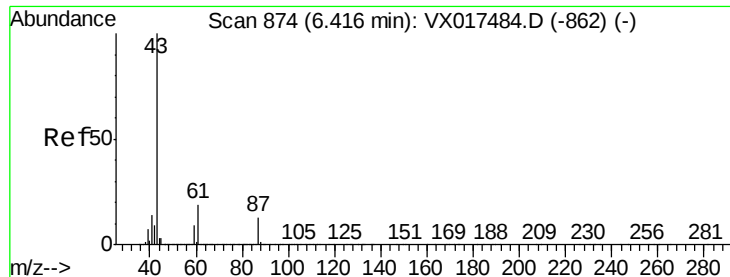
MMDadoda
8/3/2020 5:02:27 PM



#42
1,2-Dichloroethane
Concen: 20.156 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX017694.D
Acq: 31 Jul 2020 12:27

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	16.0





#43

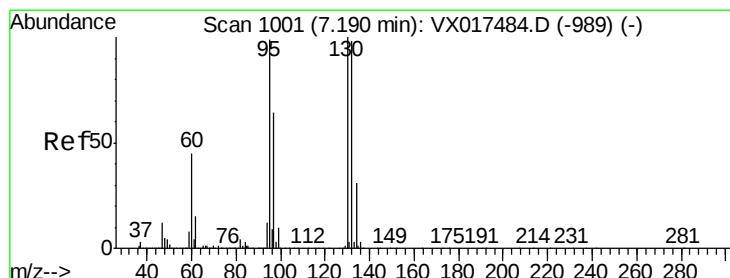
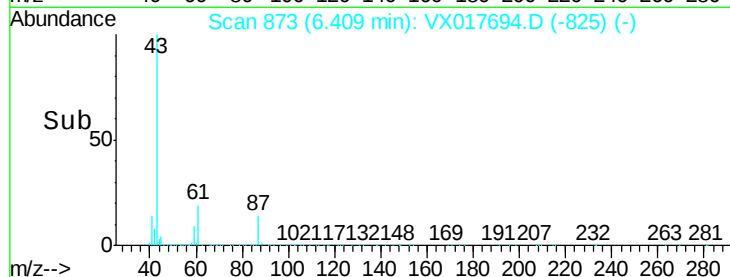
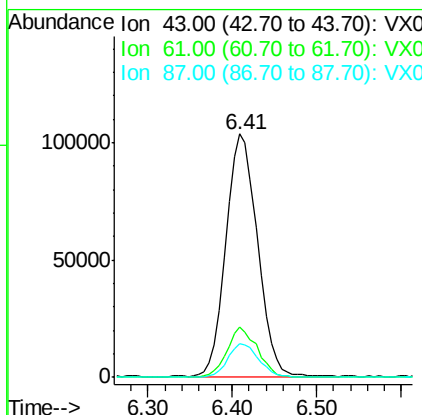
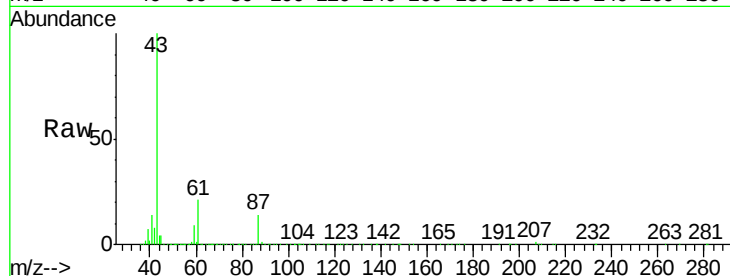
Isopropyl Acetate
 Concen: 19.229 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX017694.D
 Acq: 31 Jul 2020 12:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.8	15.5	23.3
87	13.5	10.5	15.7

Manual Integrations
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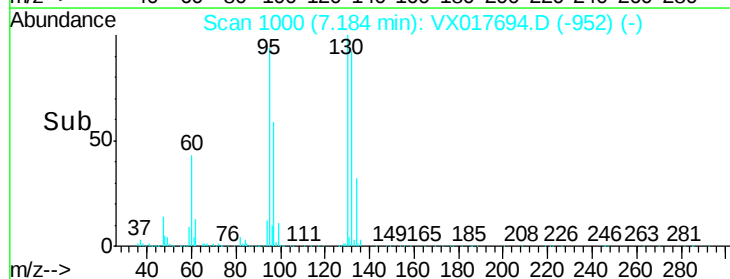
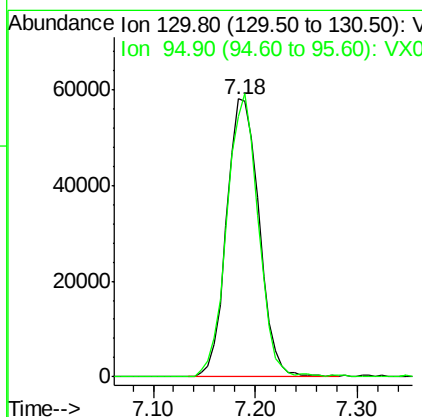
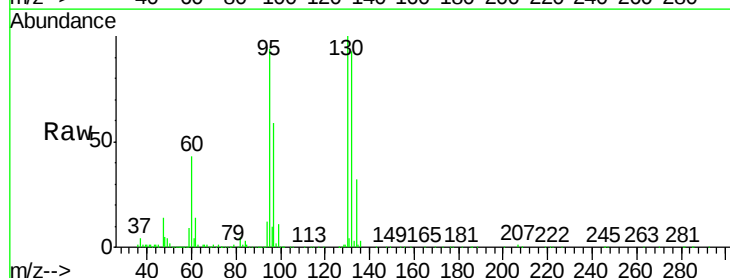
MMDadoda
 8/3/2020 5:02:27 PM

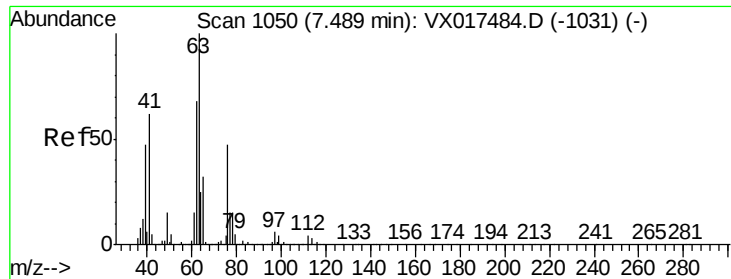


#44

Trichloroethene
 Concen: 19.879 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX017694.D
 Acq: 31 Jul 2020 12:27

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.1	0.0	189.0





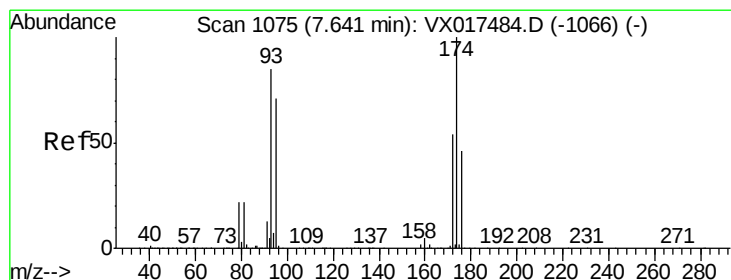
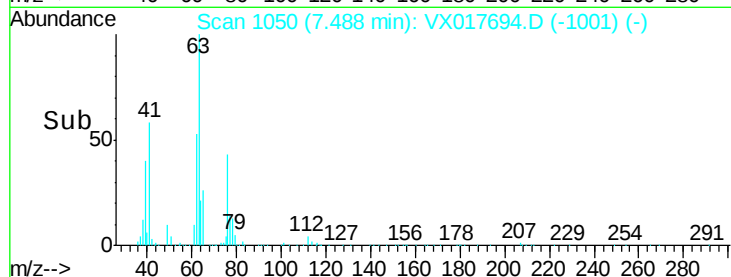
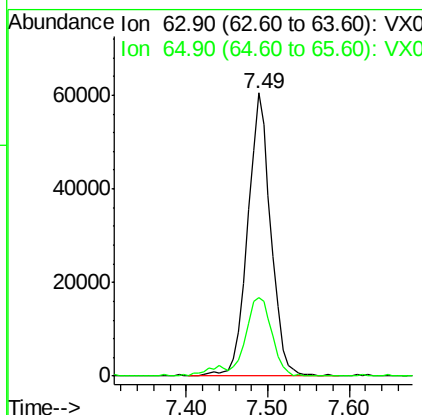
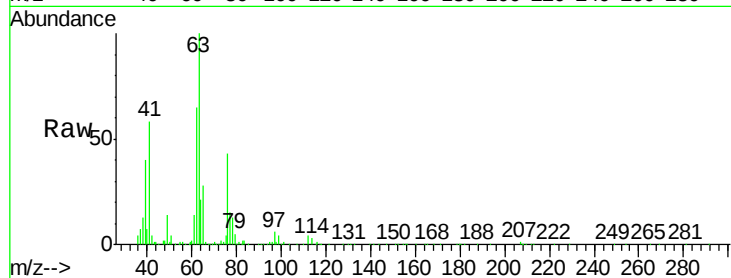
#45
 1,2-Dichloropropane
 Concen: 19.559 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX017694.D
 Acq: 31 Jul 2020 12:27

Instrument :
 MSVOA_X
 ClientSampled :
 VX0731WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	27.3	24.5	36.7

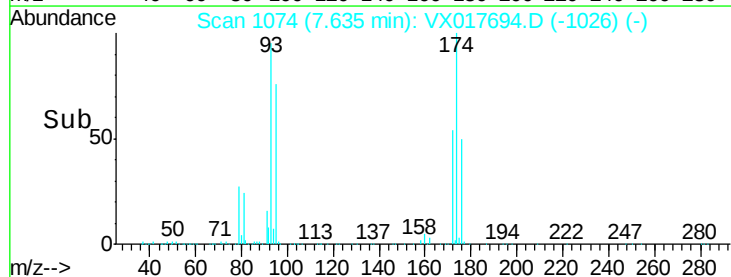
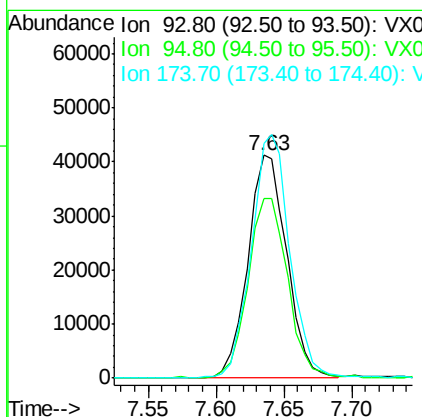
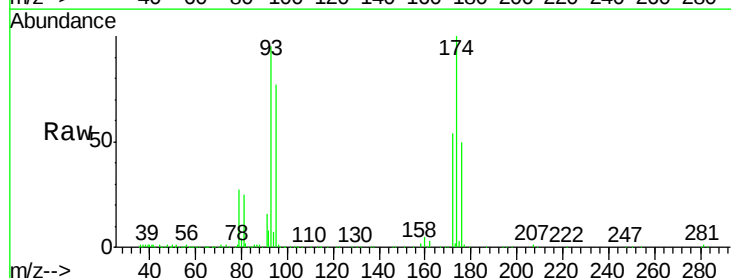
Manual Integrations
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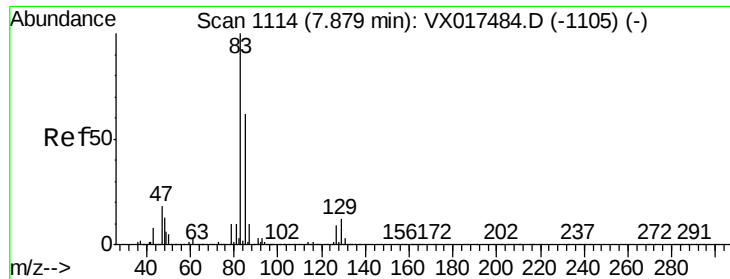
MMDadoda
 8/3/2020 5:02:27 PM



#46
 Dibromomethane
 Concen: 18.957 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX017694.D
 Acq: 31 Jul 2020 12:27

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.7	66.6	99.8
174	109.4	87.0	130.6





#47

Bromodichloromethane

Concen: 19.931 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017694.D

Acq: 31 Jul 2020 12:27

Instrument :

MSVOA_X

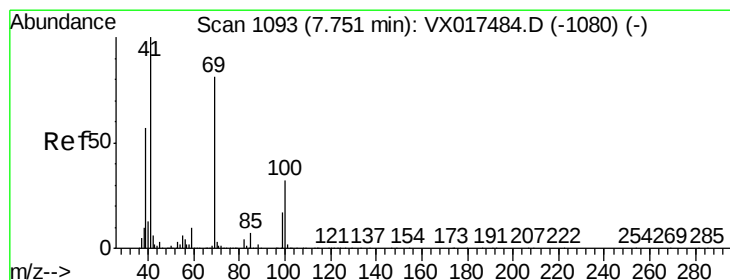
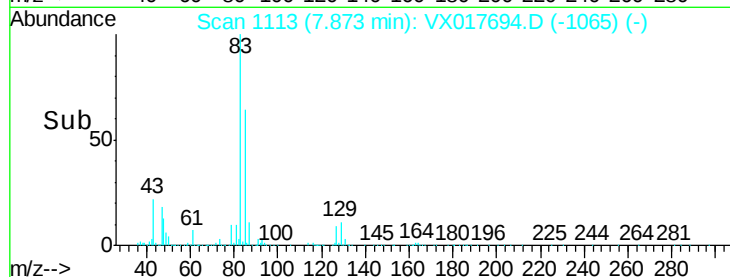
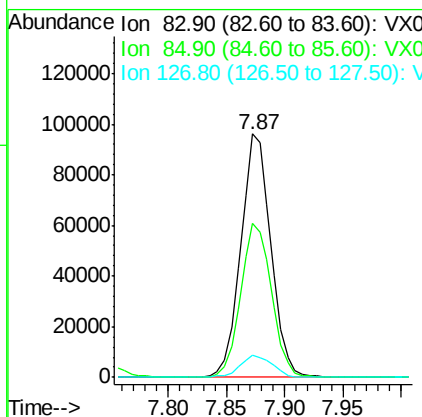
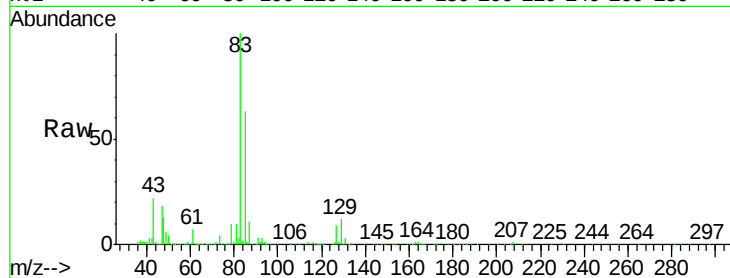
ClientSampleId :

VX0731WBSD01

Tot Ion:	83	Resp:	173555
Ion	Ratio	Lower	Upper
83	100		
85	63.4	51.8	77.8
127	9.0	7.4	11.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.473 ug/l

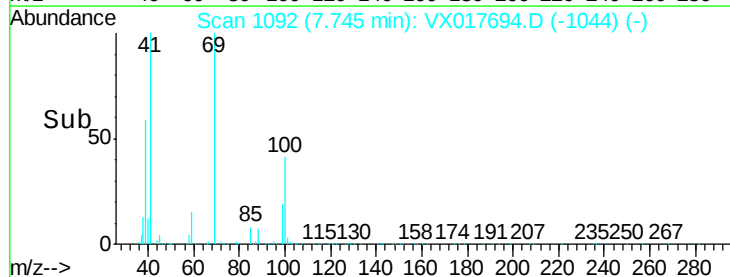
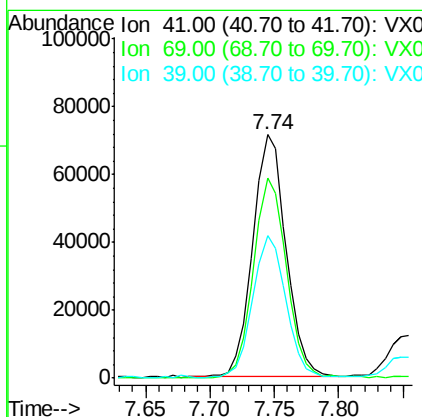
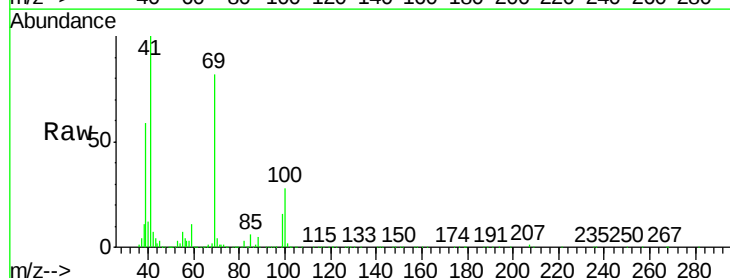
RT: 7.74 min Scan# 1092

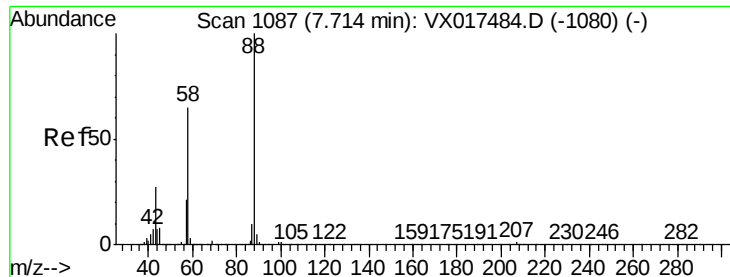
Delta R.T. -0.01 min

Lab File: VX017694.D

Acq: 31 Jul 2020 12:27

Tgt Ion:	41	Resp:	127374
Ion	Ratio	Lower	Upper
41	100		
69	82.0	63.1	94.7
39	58.2	45.1	67.7





#49

1,4-Dioxane

Concen: 395.591 ug/l

RT: 7.71 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX017694.D

Acq: 31 Jul 2020 12:27

Instrument :

MSVOA_X

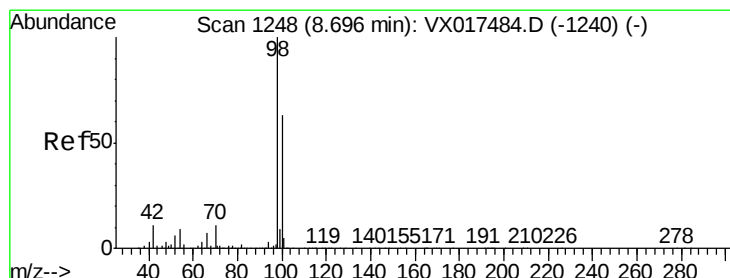
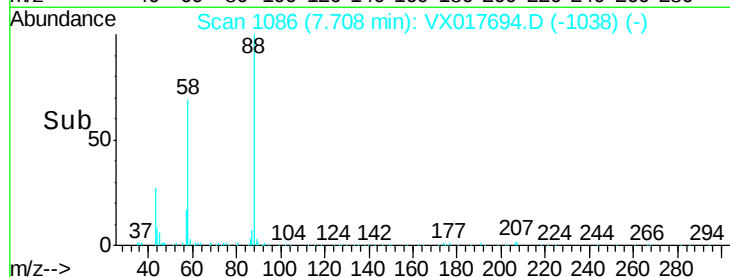
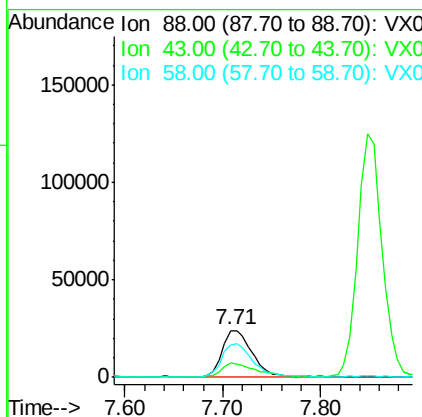
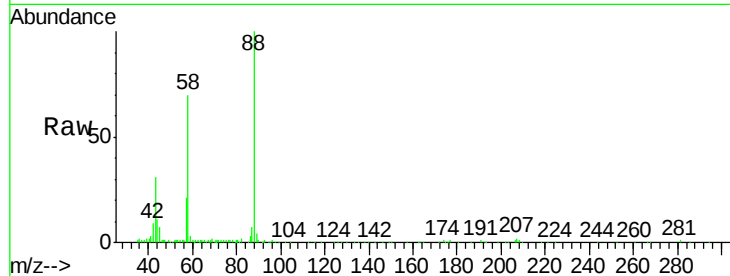
ClientSampleId :

VX0731WBSD01

Tot Ion:	88	Resp:	52295
Ion	Ratio	Lower	Upper
88	100		
43	32.9	27.8	41.6
58	72.1	58.3	87.5

Manual Integrations
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#50

Toluene-d8

Concen: 50.143 ug/l

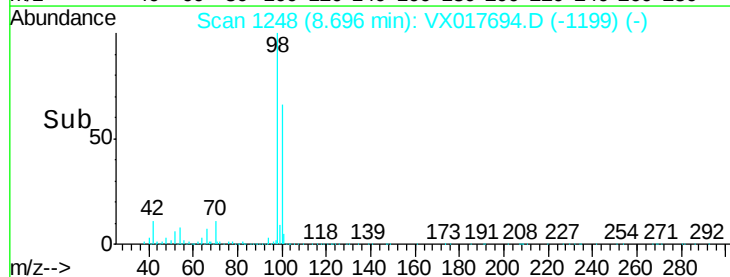
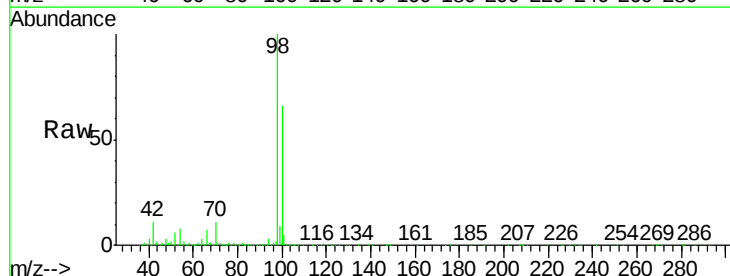
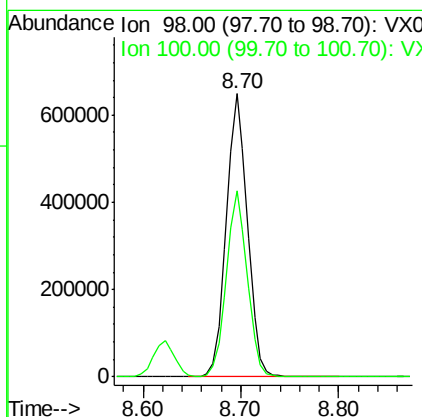
RT: 8.70 min Scan# 1248

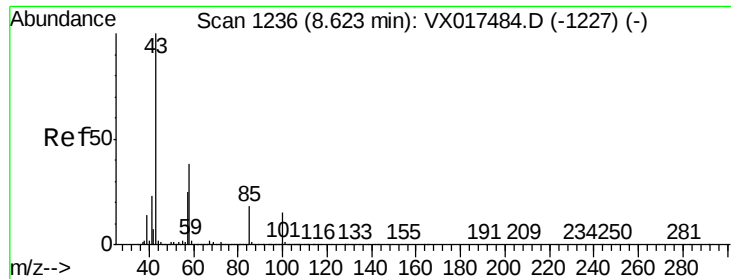
Delta R.T. -0.00 min

Lab File: VX017694.D

Acq: 31 Jul 2020 12:27

Tgt Ion:	98	Resp:	971920
Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.3	78.5





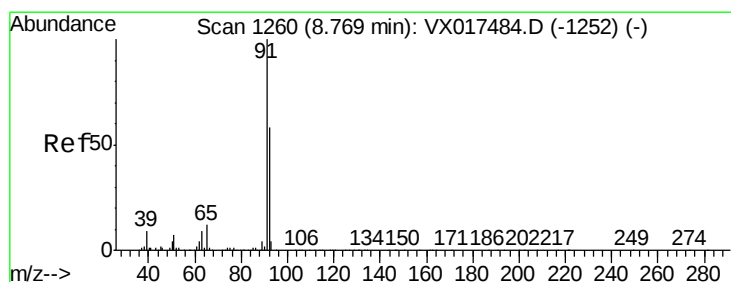
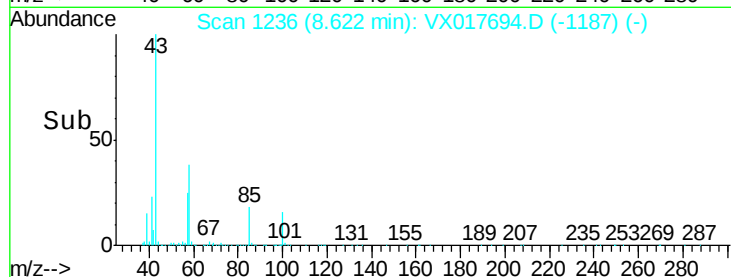
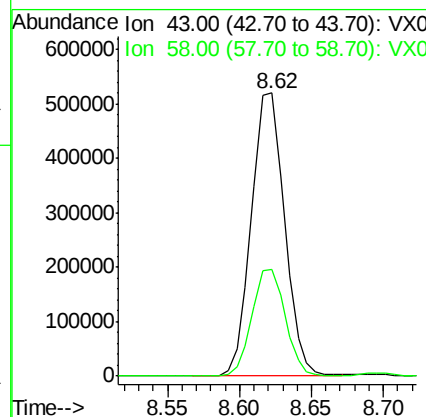
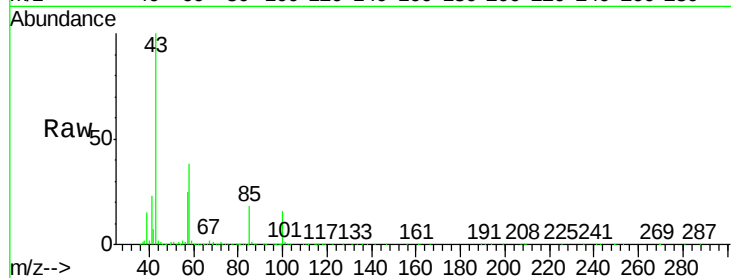
#51
4-Methyl-2-Pentanone
Concen: 100.286 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX017694.D
Acq: 31 Jul 2020 12:27

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.0	31.0	46.4

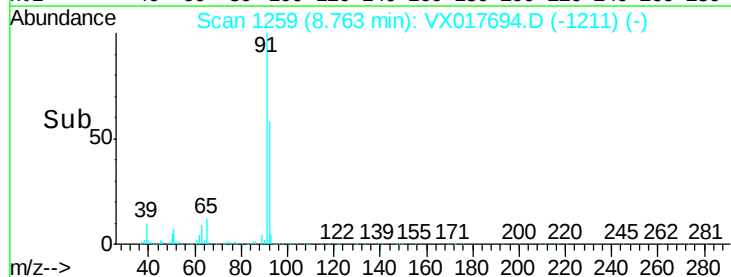
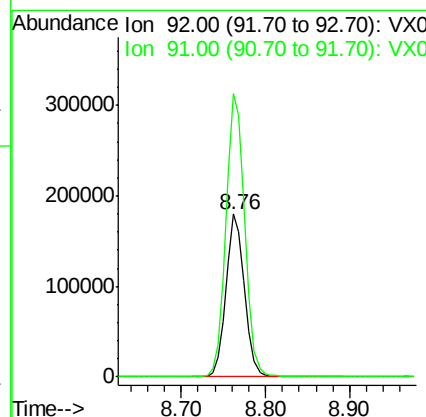
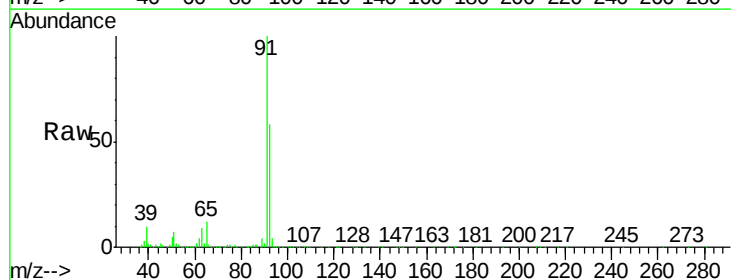
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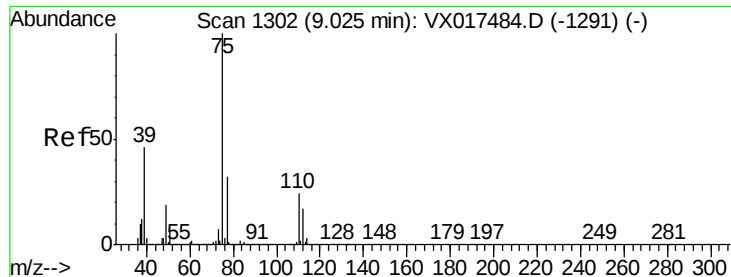
MMDadoda
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#52
Toluene
Concen: 19.225 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX017694.D
Acq: 31 Jul 2020 12:27

Tgt Ion	Ratio	Lower	Upper
92	100		
91	177.1	137.6	206.4





#53

t-1,3-Dichloropropene

Concen: 19.288 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX017694.D

Acq: 31 Jul 2020 12:27

Instrument :

MSVOA_X

ClientSampled :

VX0731WBSD01

Tot Ion: 75 Resp: 188013

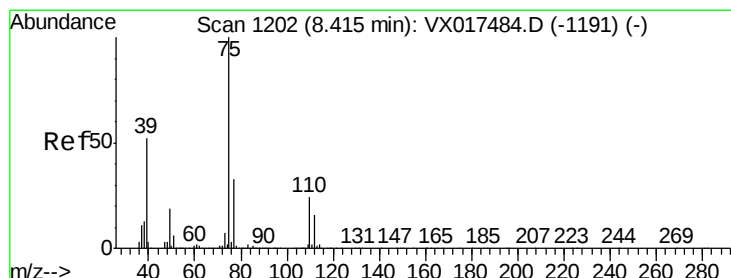
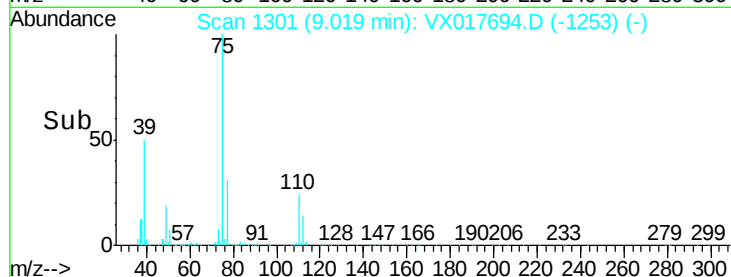
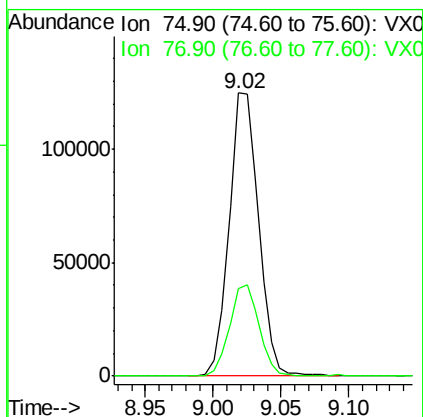
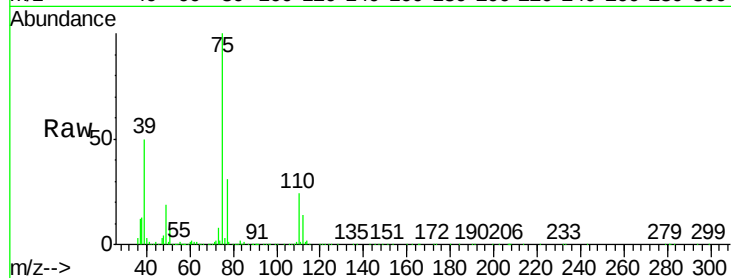
Ion Ratio Lower Upper

75 100

77 30.6 25.5 38.3

Manual Integrations
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#54

cis-1,3-Dichloropropene

Concen: 19.636 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017694.D

Acq: 31 Jul 2020 12:27

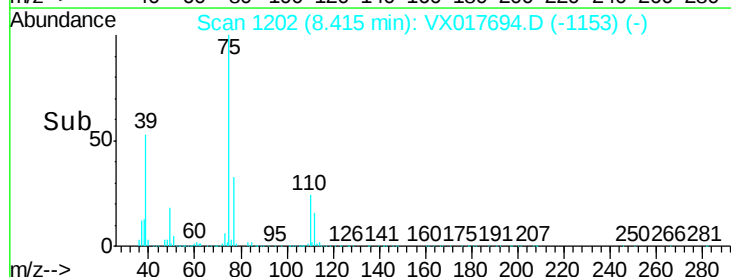
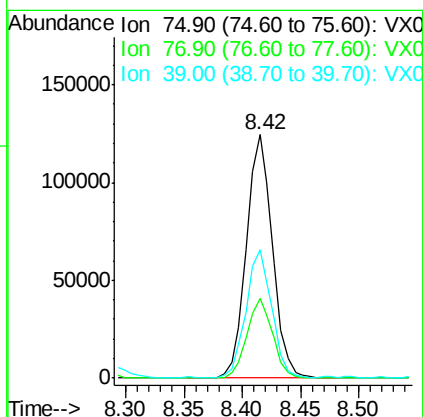
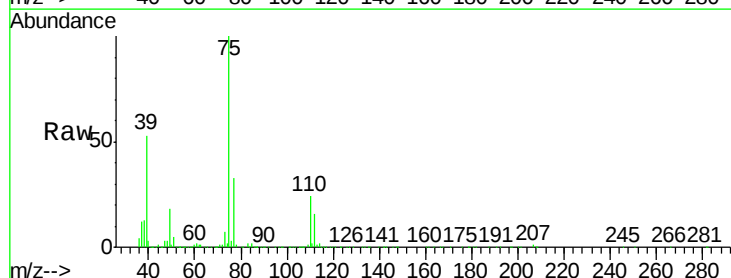
Tgt Ion: 75 Resp: 195237

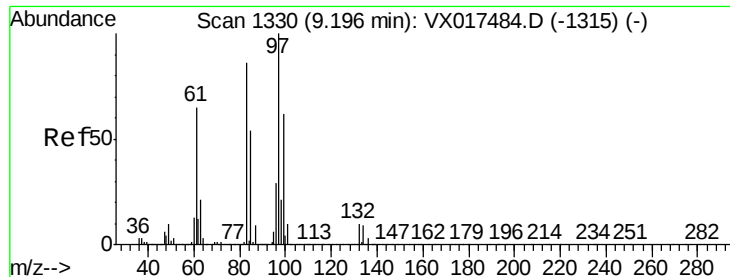
Ion Ratio Lower Upper

75 100

77 33.0 25.5 38.3

39 52.6 41.8 62.8





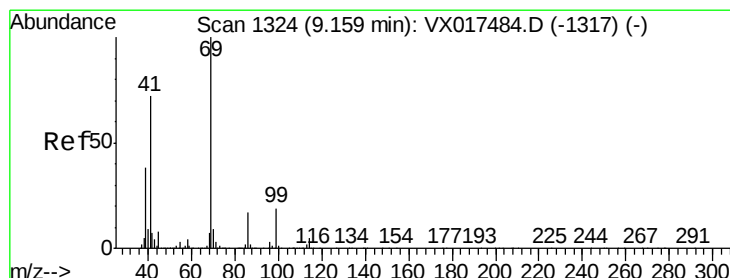
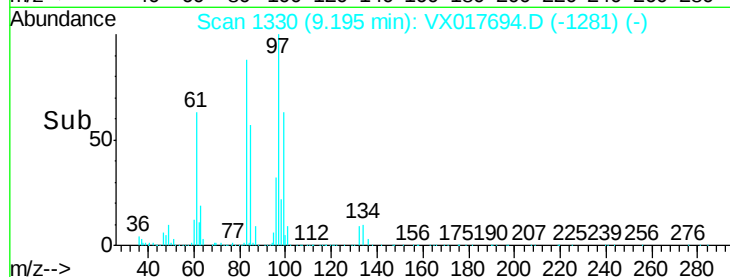
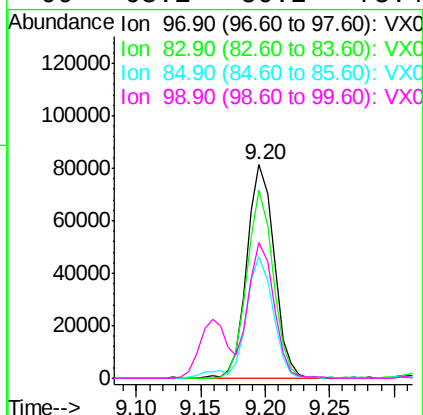
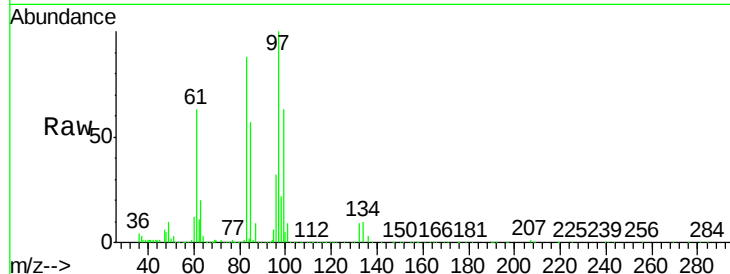
#55
 1,1,2-Trichloroethane
 Concen: 20.223 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017694.D
 Acq: 31 Jul 2020 12:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		119350		
83	88.0	67.6	101.4		
85	57.0	44.6	67.0		
99	63.1	50.2	75.4		

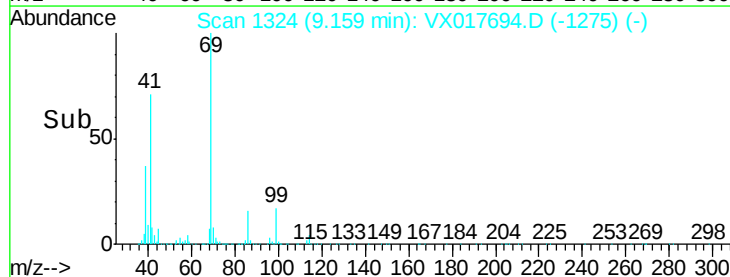
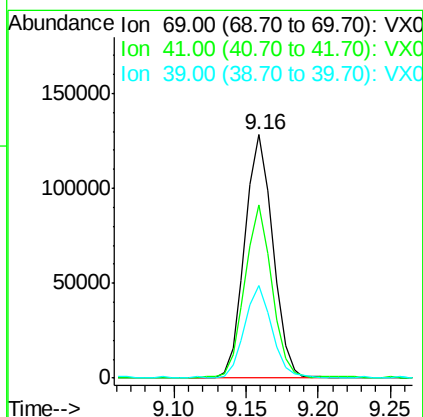
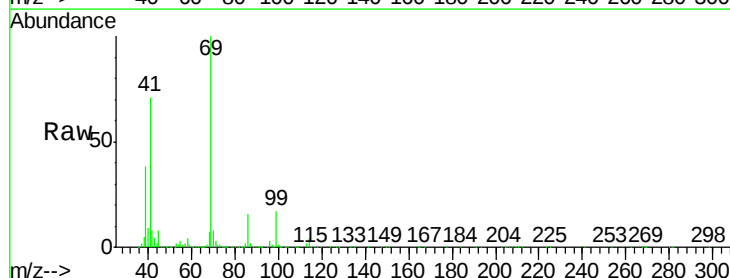
Manual Integrations
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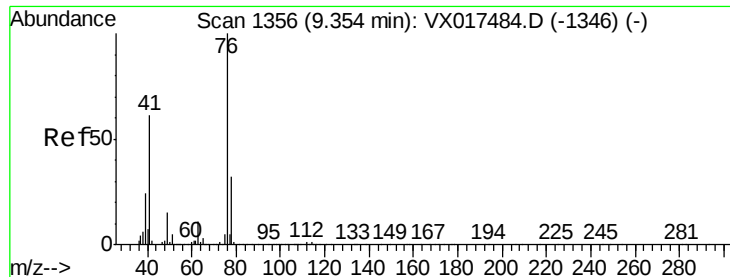
MMDadoda
 8/3/2020 5:02:27 PM



#56
 Ethyl methacrylate
 Concen: 19.524 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017694.D
 Acq: 31 Jul 2020 12:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		173590		
41	68.9	55.0	82.6		
39	36.6	30.0	45.0		





#57

1,3-Dichloropropane

Concen: 19.775 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017694.D

Acq: 31 Jul 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBSD01

Tot Ion: 76 Resp: 192169

Ion Ratio Lower Upper

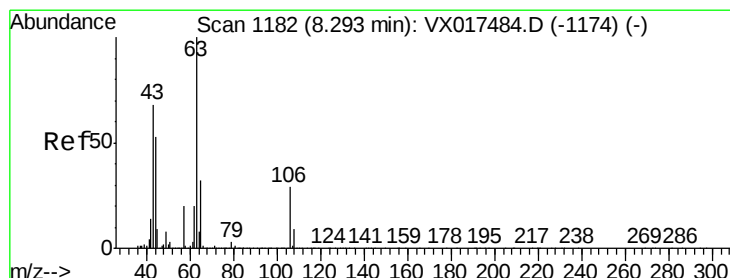
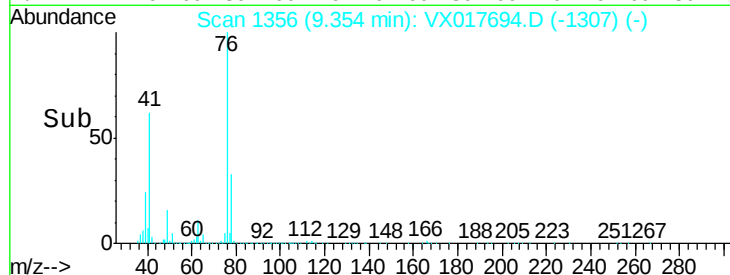
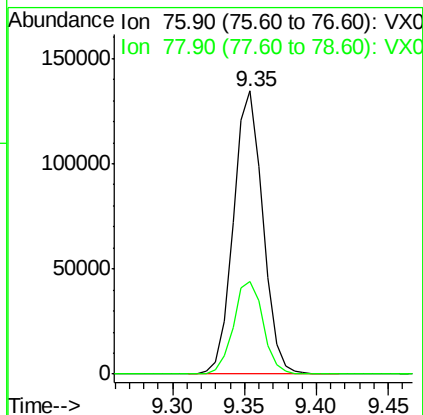
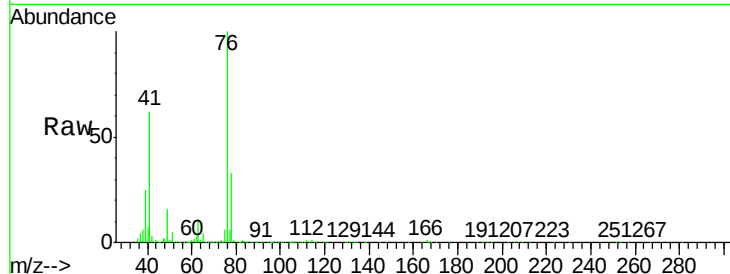
76 100

78 33.3 25.8 38.8

Manual Integrations
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#58

2-Chloroethyl Vinyl ether

Concen: 89.500 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017694.D

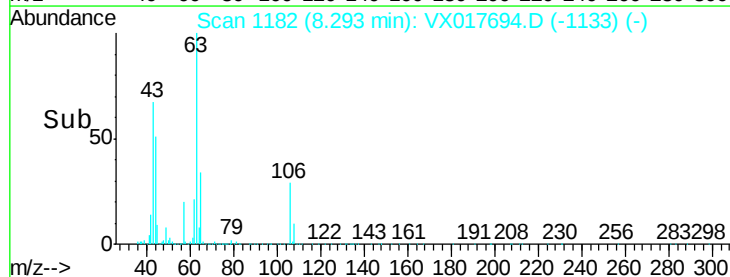
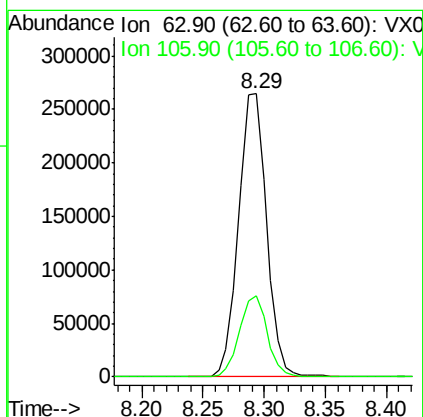
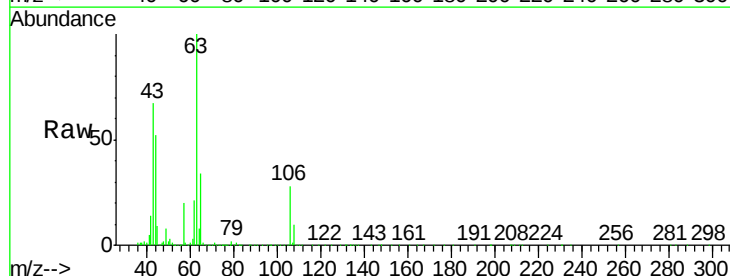
Acq: 31 Jul 2020 12:27

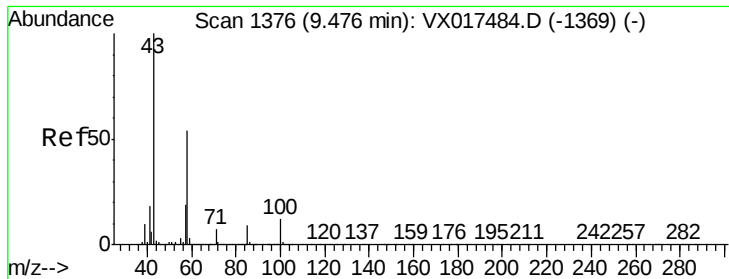
Tgt Ion: 63 Resp: 419246

Ion Ratio Lower Upper

63 100

106 28.5 22.6 34.0





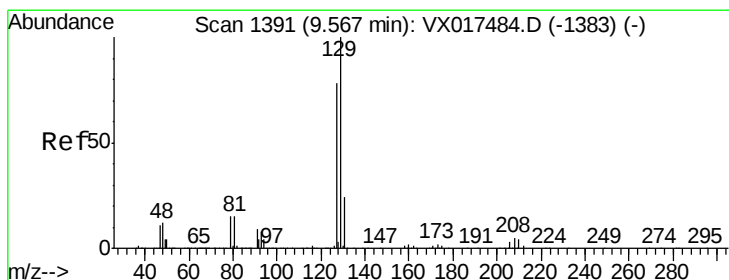
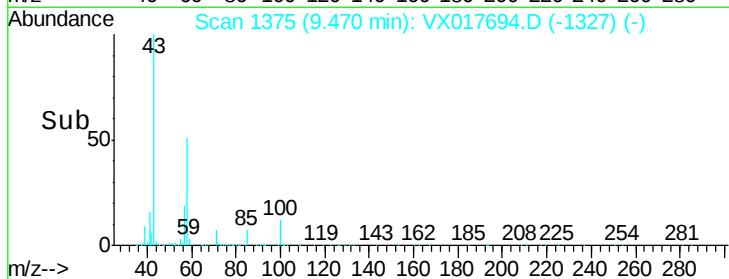
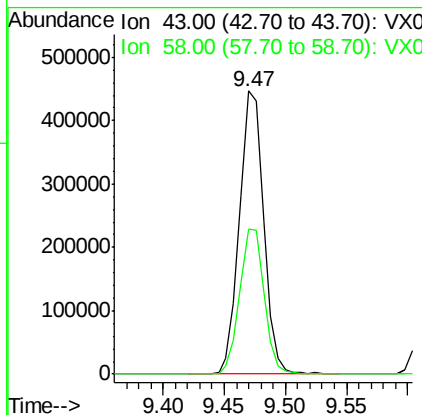
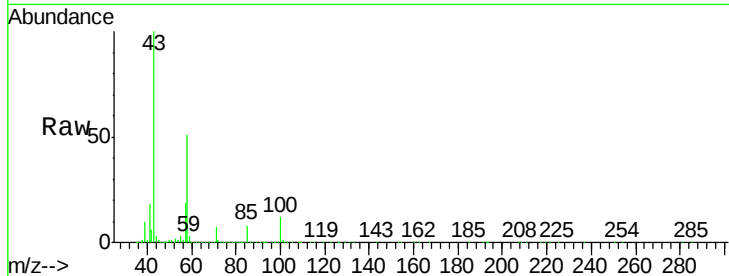
#59
2-Hexanone
Concen: 98.264 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX017694.D
Acq: 31 Jul 2020 12:27

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	51.9	26.6	79.8

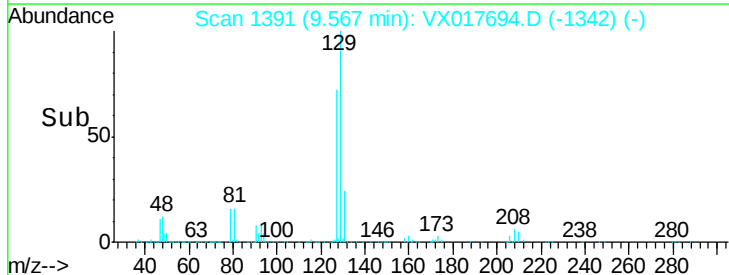
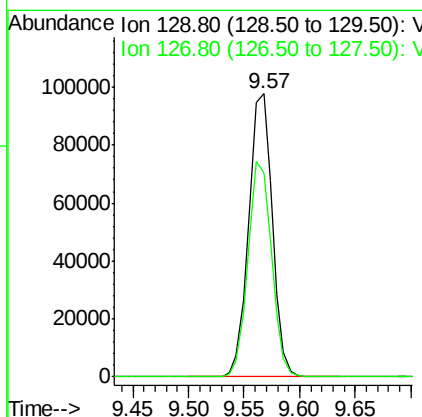
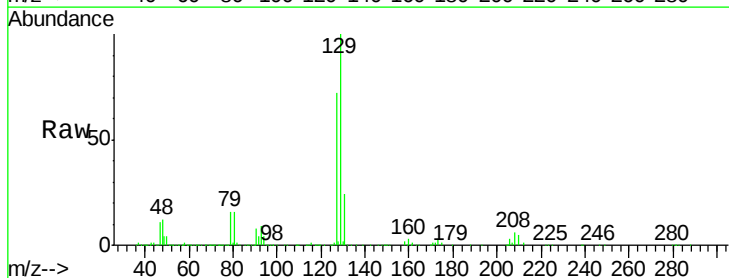
Manual Integrations
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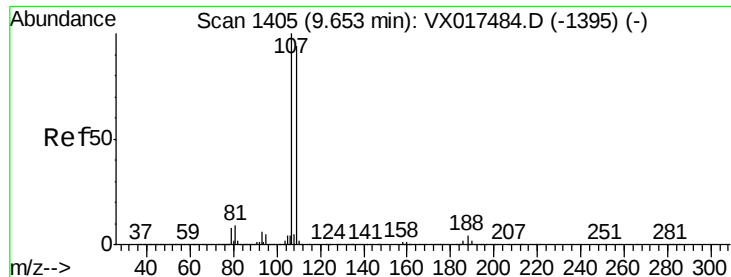
MMDadoda
8/3/2020 5:02:27 PM



#60
Dibromochloromethane
Concen: 19.377 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017694.D
Acq: 31 Jul 2020 12:27

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.1	38.4	115.1





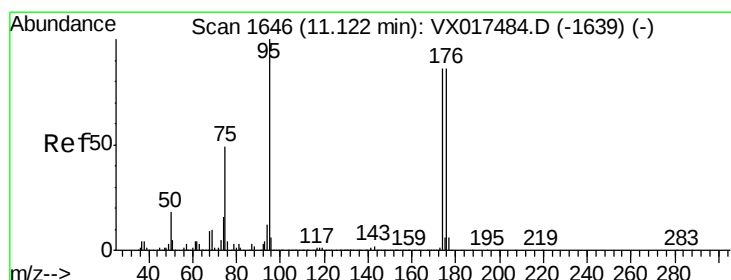
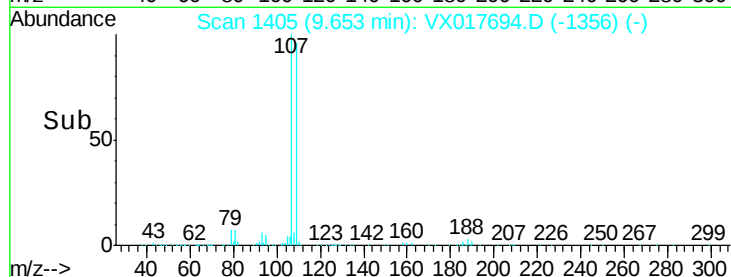
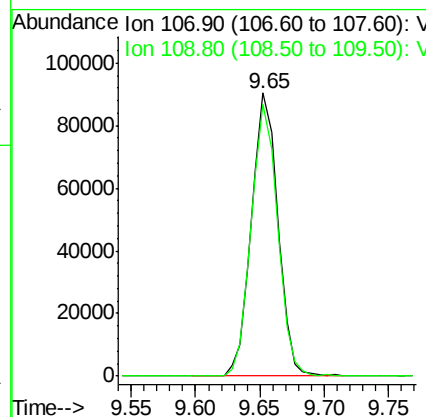
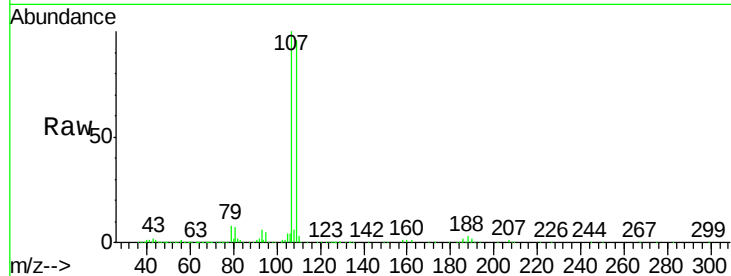
#61
 1,2-Dibromoethane
 Concen: 20.414 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX017694.D
 Acq: 31 Jul 2020 12:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.9	74.9	112.3

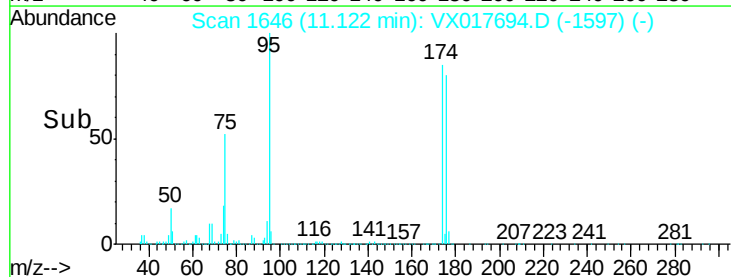
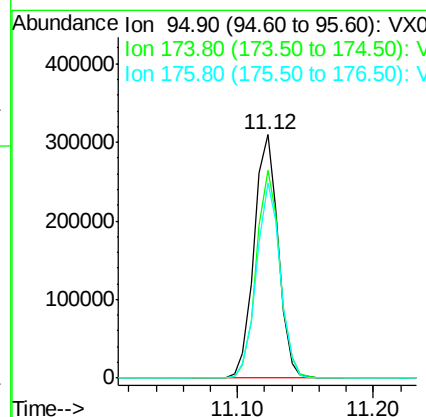
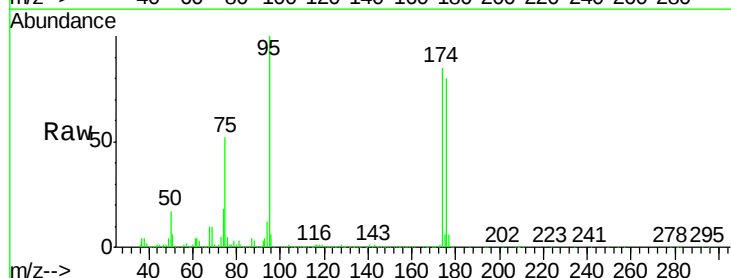
Manual Integrations
 APPROVED

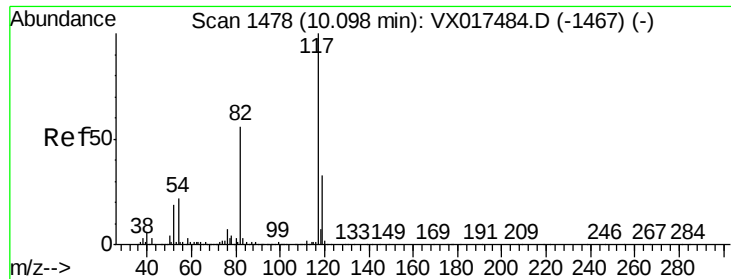
MMDadoda
 8/3/2020 5:02:27 PM



#62
 4-Bromofluorobenzene
 Concen: 49.708 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX017694.D
 Acq: 31 Jul 2020 12:27

Tgt Ion	Ratio	Lower	Upper
95	100		
174	83.7	0.0	169.0
176	79.4	0.0	161.0





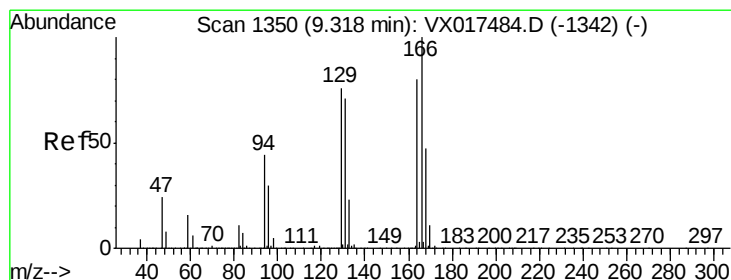
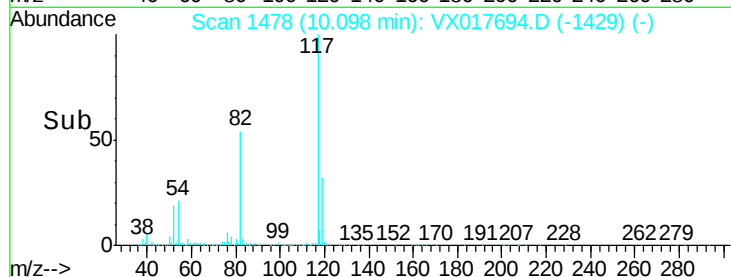
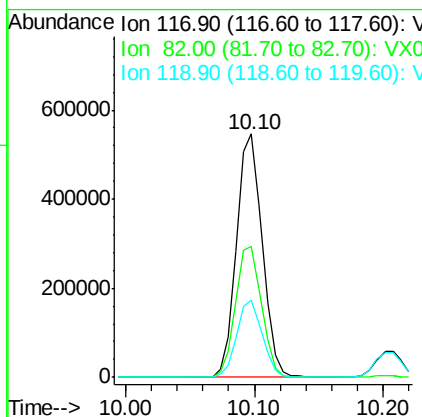
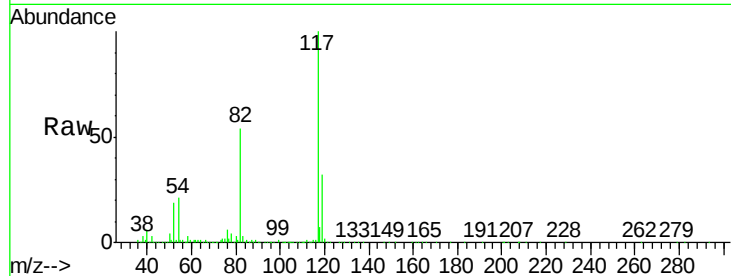
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017694.D
Acq: 31 Jul 2020 12:27

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	759830		
82	54.0		44.0	66.0
119	31.9		25.4	38.0

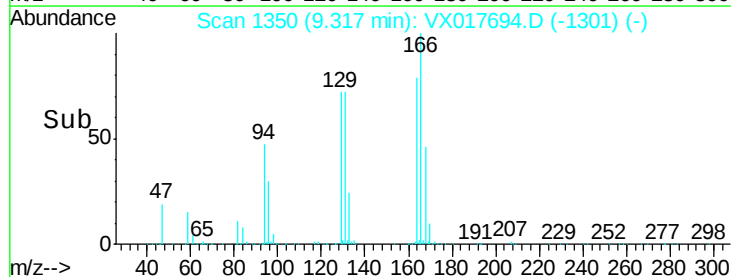
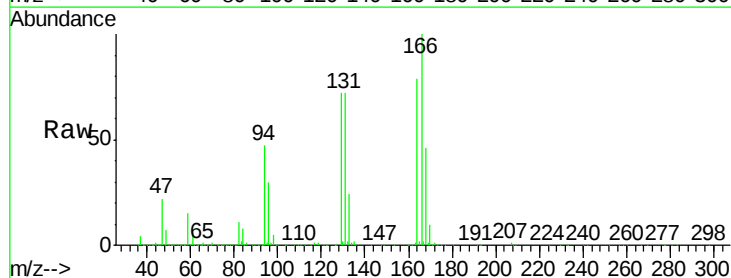
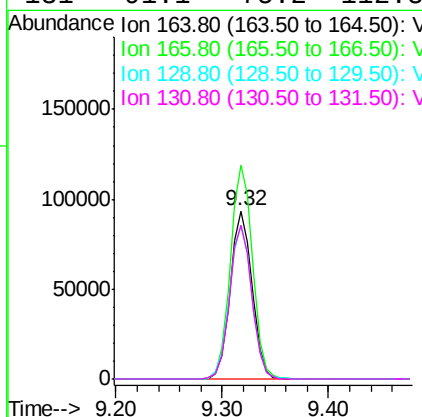
Manual Integrations
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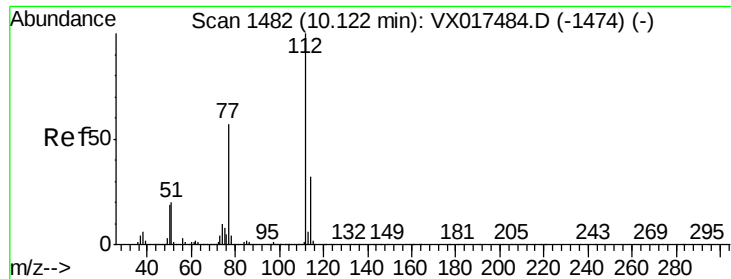
MMDadoda
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#64
Tetrachloroethene
Concen: 19.717 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017694.D
Acq: 31 Jul 2020 12:27

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	134466		
166	127.1		100.6	150.8
129	91.1		75.0	112.6
131	91.1		75.2	112.8





#65

Chlorobenzene

Concen: 19.117 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017694.D

Acq: 31 Jul 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBSD01

Tot Ion:112 Resp: 314419

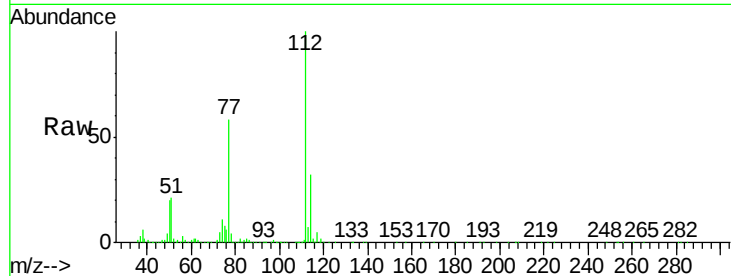
Ion Ratio Lower Upper

112 100

114 31.8 25.7 38.5

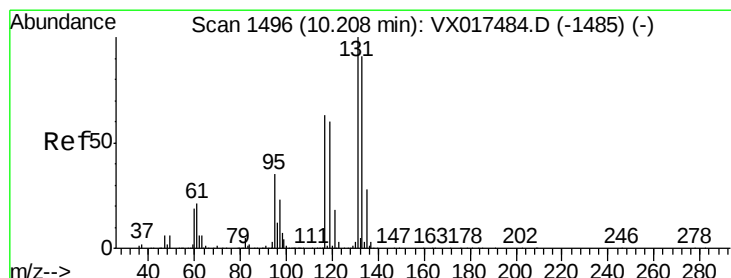
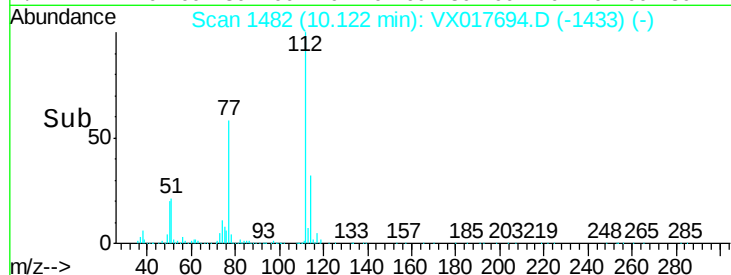
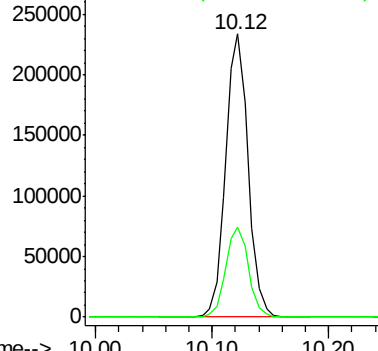
Manual Integrations
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.642 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX017694.D

Acq: 31 Jul 2020 12:27

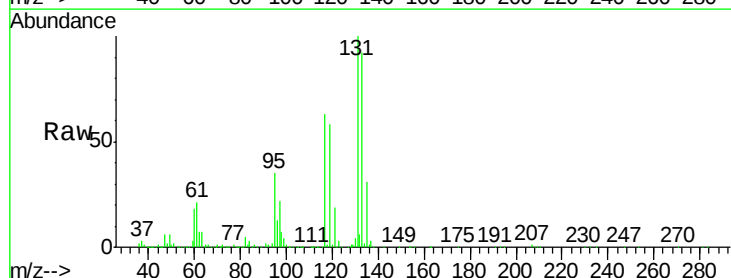
Tgt Ion:131 Resp: 130380

Ion Ratio Lower Upper

131 100

133 95.3 47.9 143.6

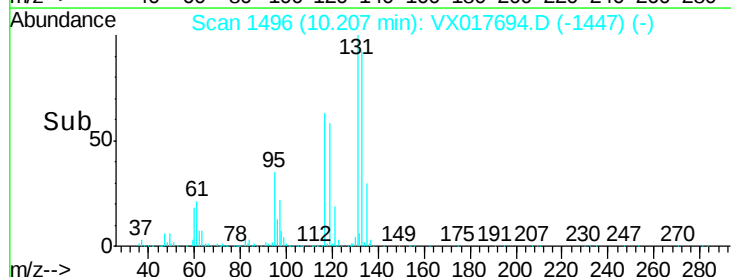
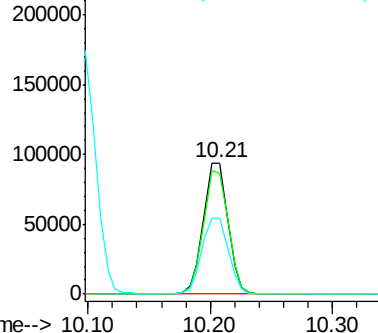
119 61.7 31.1 93.3

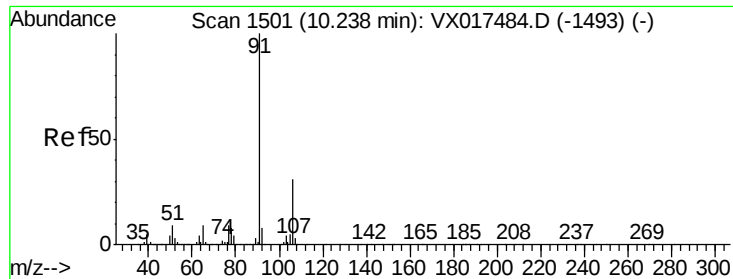


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





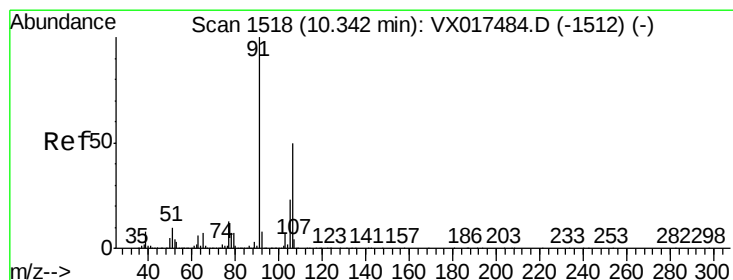
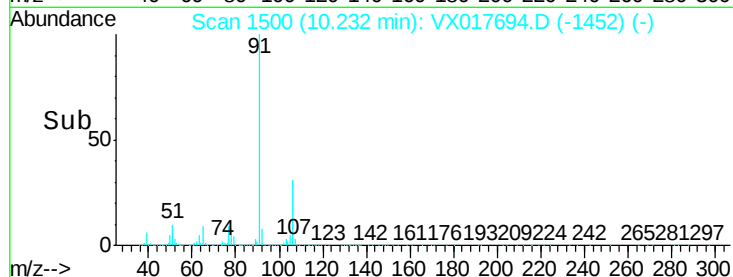
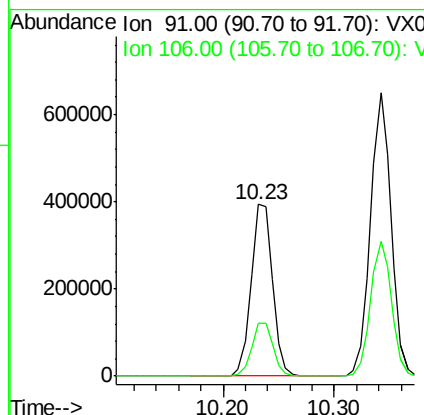
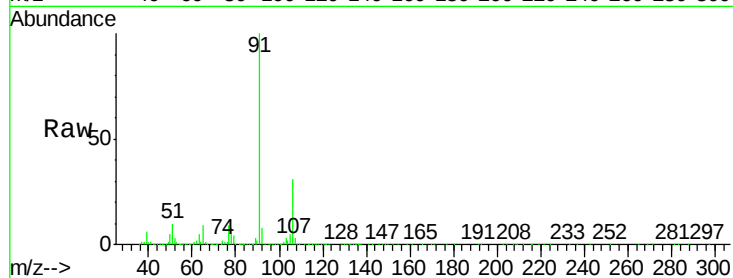
#67
Ethyl Benzene
Concen: 19.225 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX017694.D
Acq: 31 Jul 2020 12:27

Instrument :
MSVOA_X
ClientSampled :
VX0731WBSD01

Tot Ion: 91 Resp: 527811
Ion Ratio Lower Upper
91 100
106 30.6 25.8 38.6

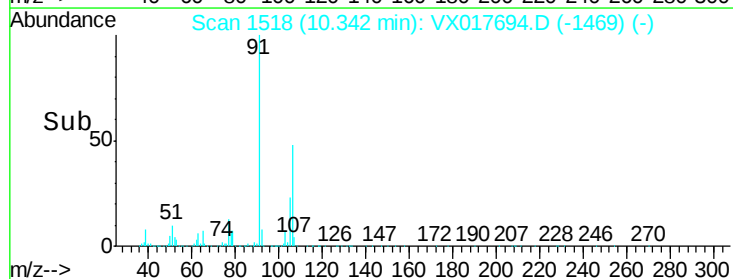
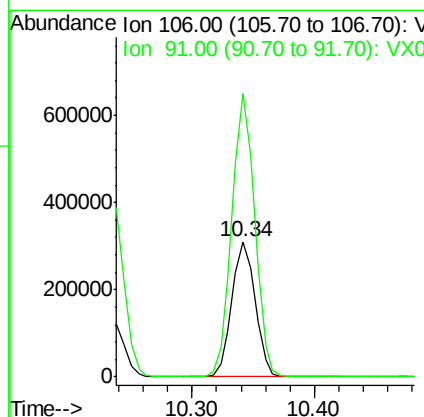
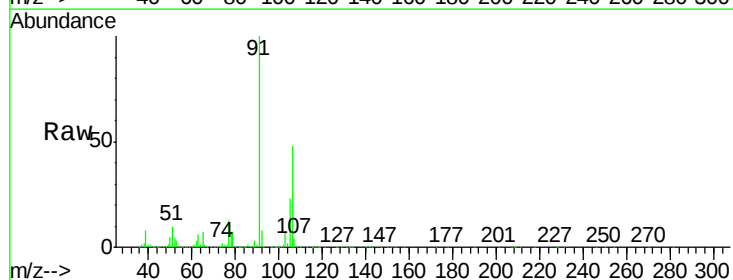
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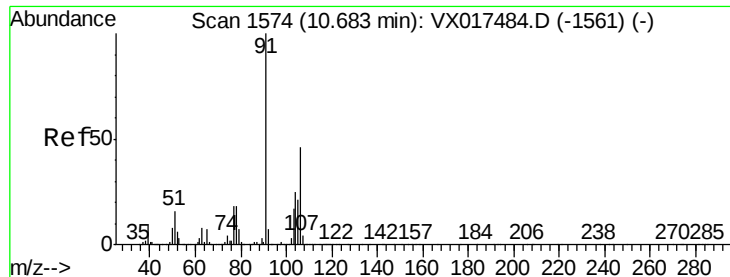
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#68
m/p-Xylenes
Concen: 38.354 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017694.D
Acq: 31 Jul 2020 12:27

Tgt Ion: 106 Resp: 407917
Ion Ratio Lower Upper
106 100
91 205.7 160.9 241.3





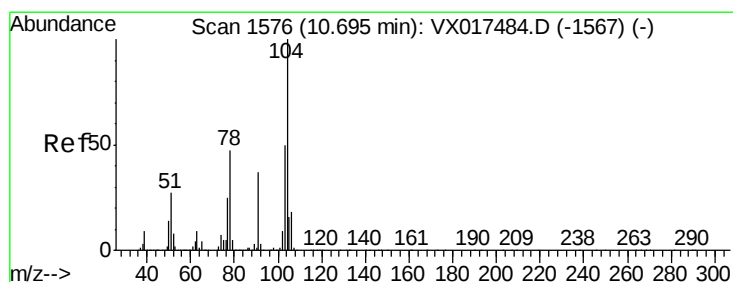
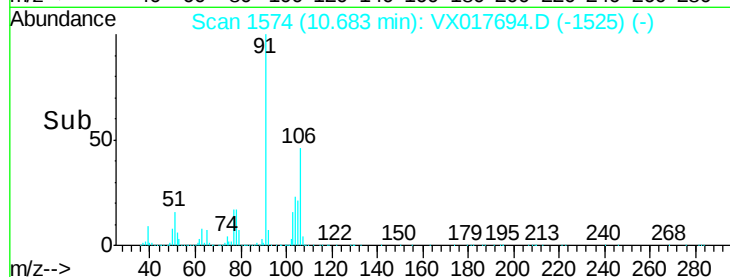
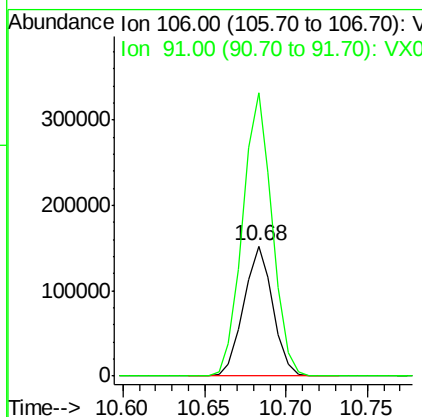
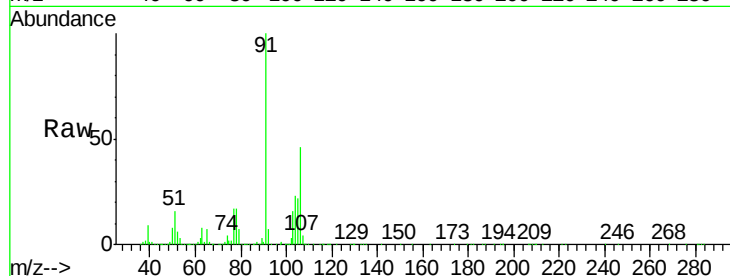
#69
o-Xylene
Concen: 18.626 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017694.D
Acq: 31 Jul 2020 12:27

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01

Tot Ion	Ratio	Lower	Upper
106	100		
91	220.2	108.2	324.6

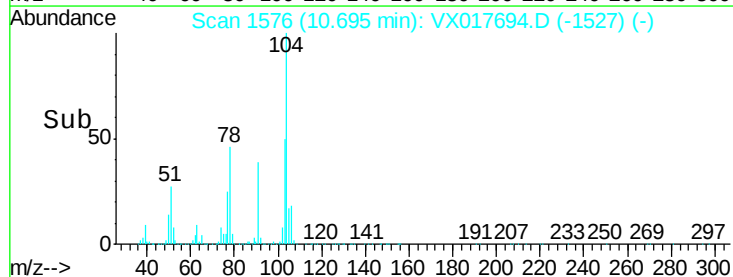
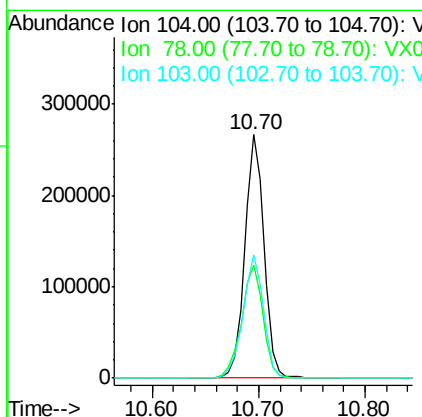
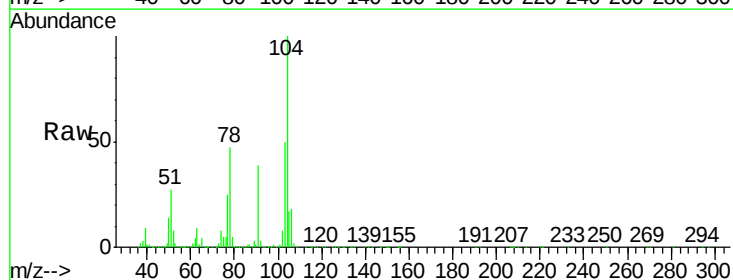
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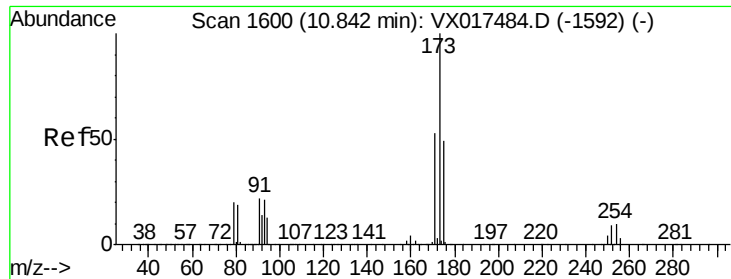
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#70
Styrene
Concen: 19.418 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017694.D
Acq: 31 Jul 2020 12:27

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.9	42.5	63.7
103	54.1	44.3	66.5





#71

Bromoform

Concen: 19.268 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017694.D

Acq: 31 Jul 2020 12:27

Instrument :

MSVOA_X

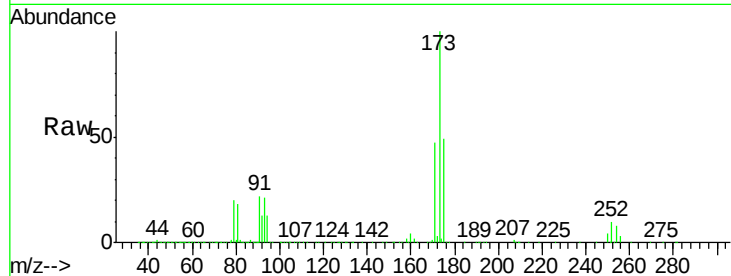
ClientSampleId :

VX0731WBSD01

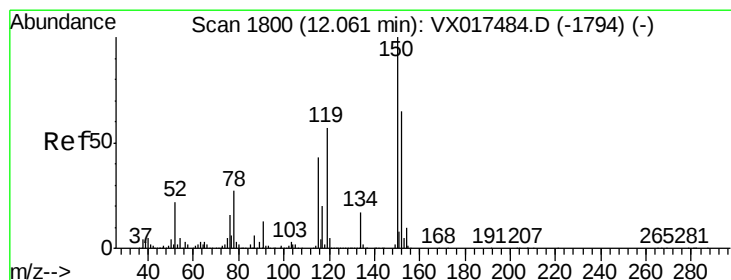
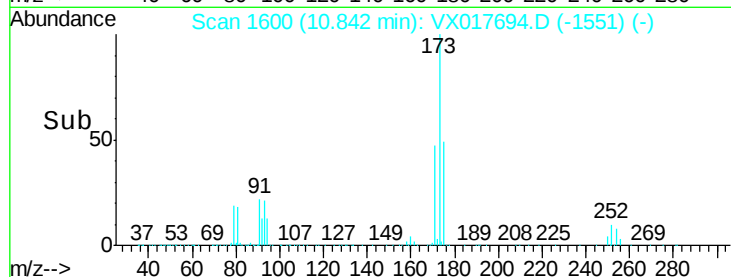
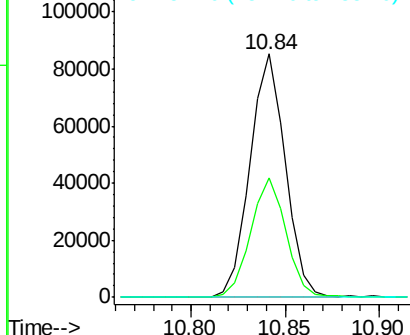
Tot Ion:	173	Resp:	110808
Ion Ratio	Lower	Upper	
173	100		
175	48.9	23.8	71.5
254	0.1	0.1	0.1

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

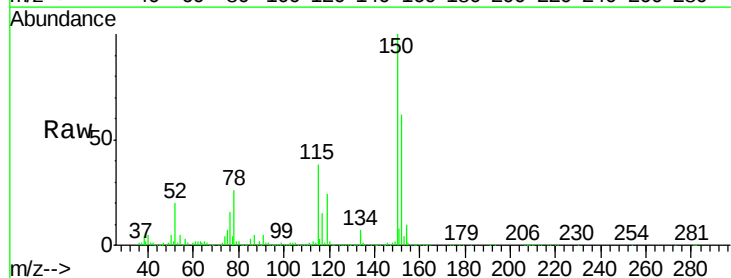
RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

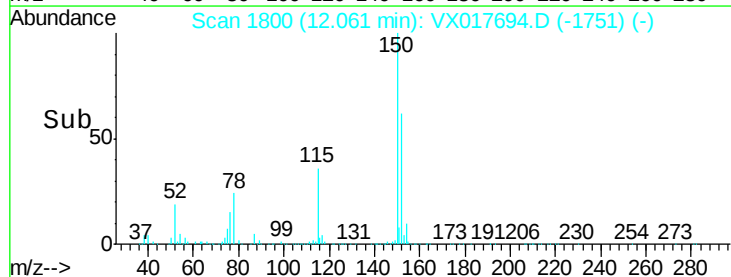
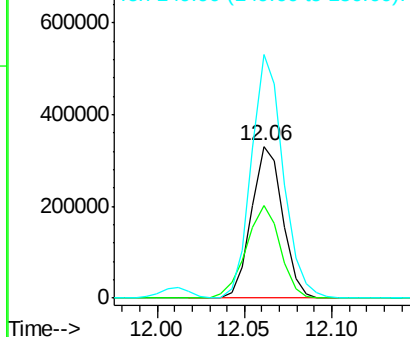
Lab File: VX017694.D

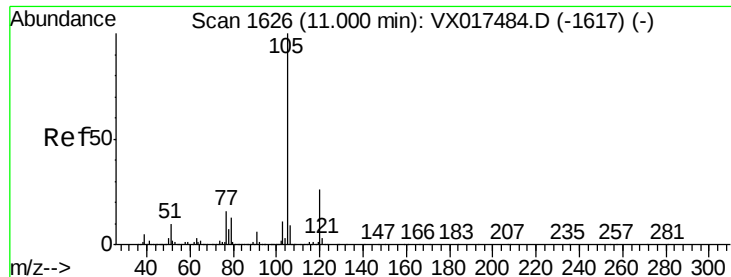
Acq: 31 Jul 2020 12:27

Tgt Ion:	152	Resp:	410861
Ion Ratio	Lower	Upper	
152	100		
115	67.1	65.5	196.6
150	163.6	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: 18.798 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017694.D

Acq: 31 Jul 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBSD01

Tot Ion: 105 Resp: 529845

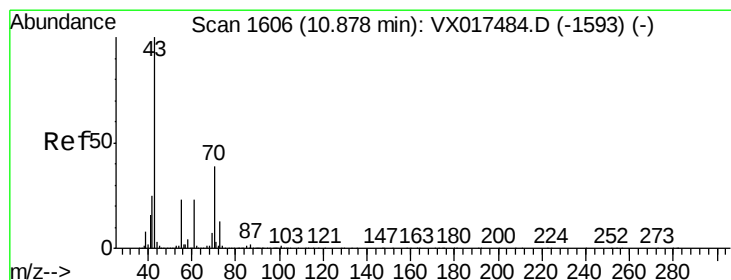
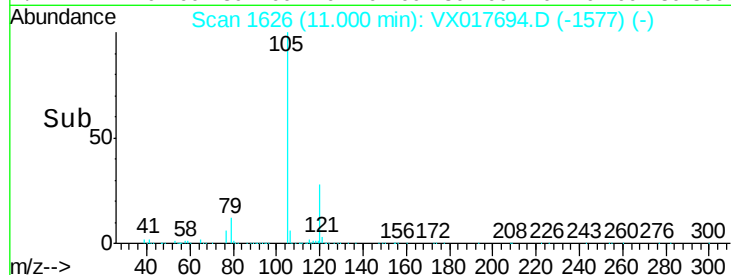
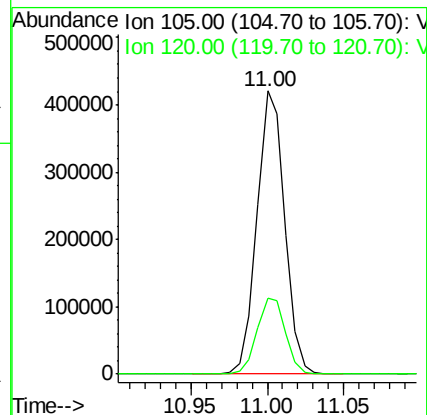
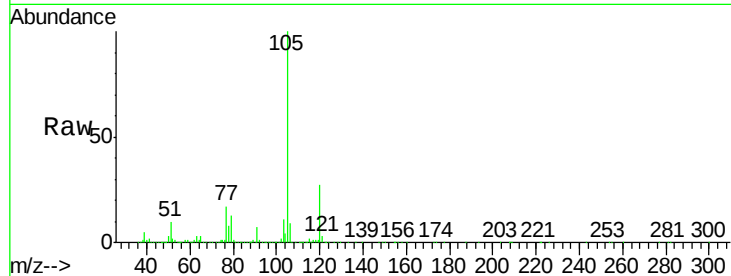
Ion Ratio Lower Upper

105 100

120 27.7 13.3 39.8

Manual Integrations
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#74

N-ethyl acetate

Concen: 18.174 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017694.D

Acq: 31 Jul 2020 12:27

Tgt Ion: 43 Resp: 227590

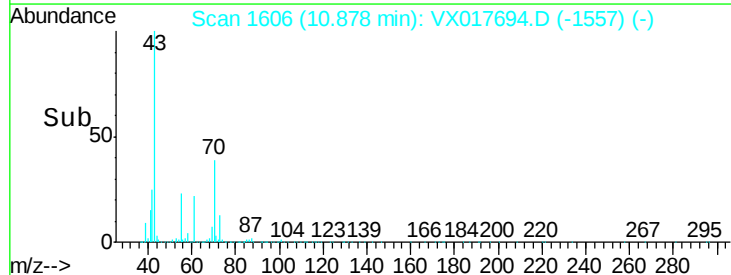
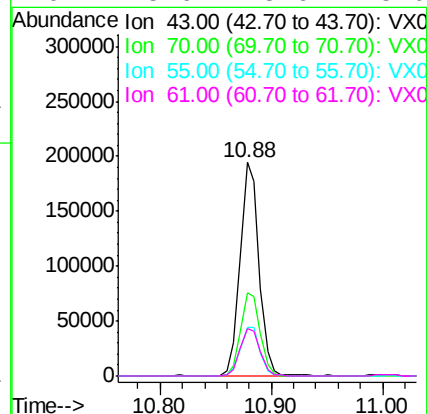
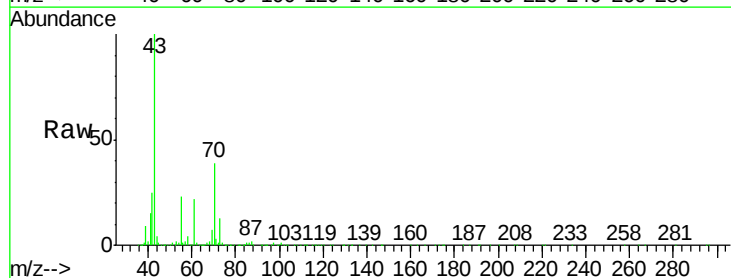
Ion Ratio Lower Upper

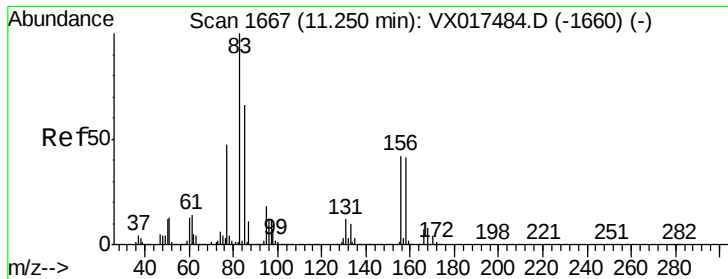
43 100

70 40.5 32.3 48.5

55 24.0 18.4 27.6

61 23.6 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.190 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017694.D

Acq: 31 Jul 2020 12:27

Instrument :

MSVOA_X

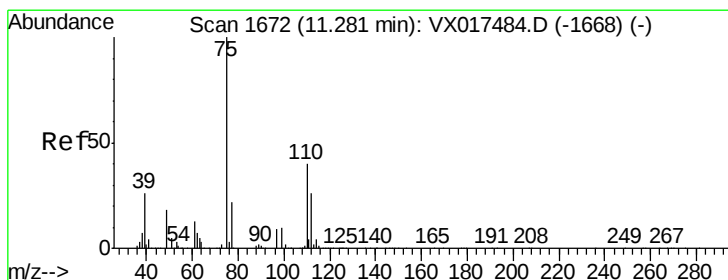
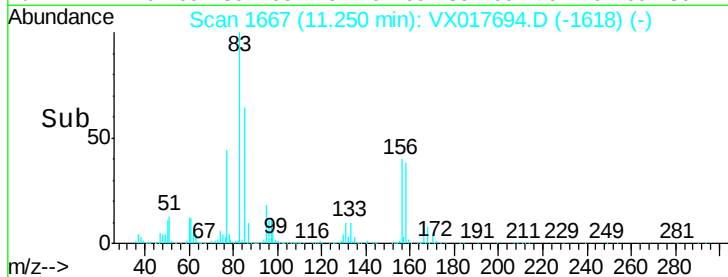
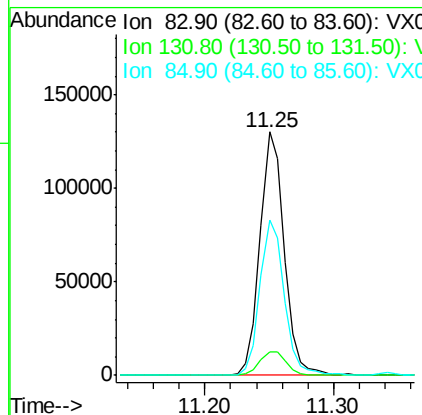
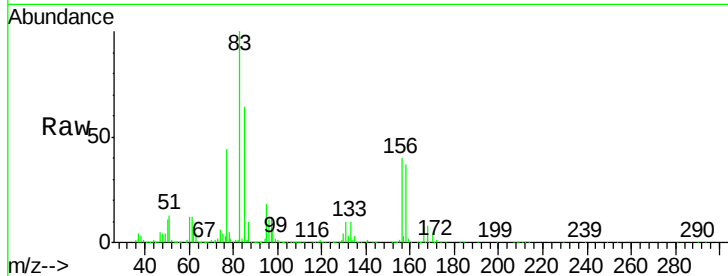
ClientSampled :

VX0731WBSD01

Tot Ion:	83	Resp:	168829
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.5	16.5
85	63.7	32.1	96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.562 ug/l m

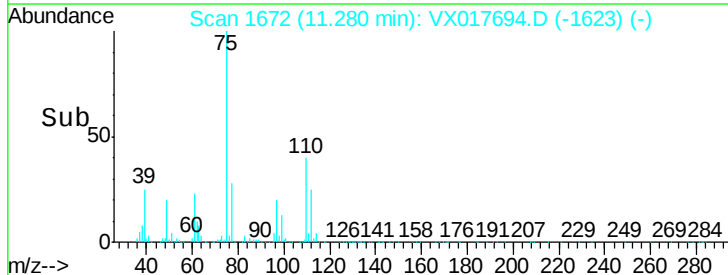
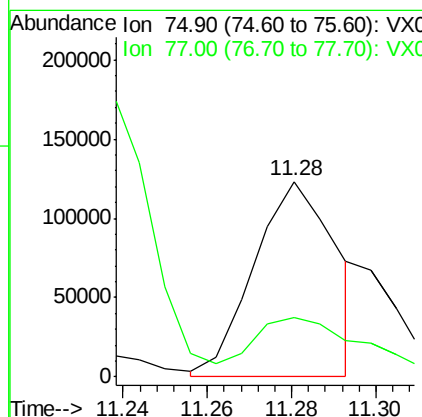
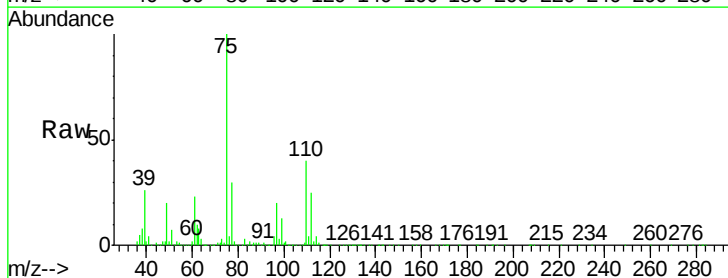
RT: 11.28 min Scan# 1672

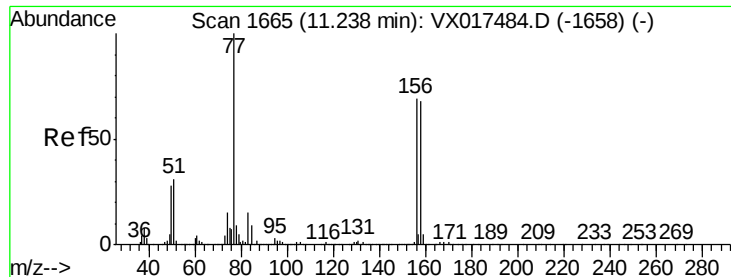
Delta R.T. -0.00 min

Lab File: VX017694.D

Acq: 31 Jul 2020 12:27

Tgt Ion:	75	Resp:	165326
Ion Ratio	Lower	Upper	
75	100		
77	41.3	21.8	65.3





#77

Bromobenzene

Concen: 18.817 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017694.D

Acq: 31 Jul 2020 12:27

Instrument :

MSVOA_X

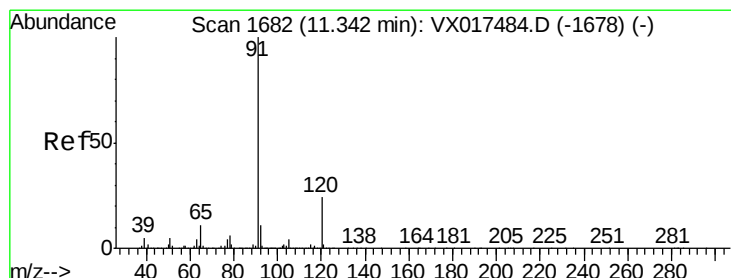
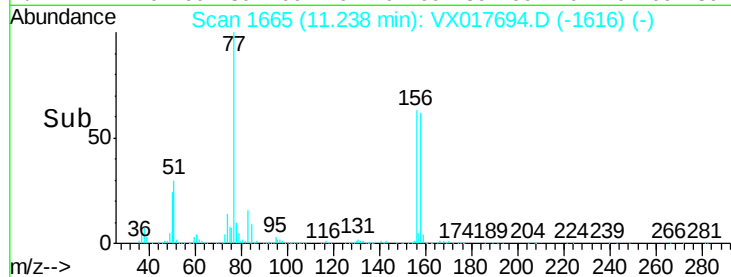
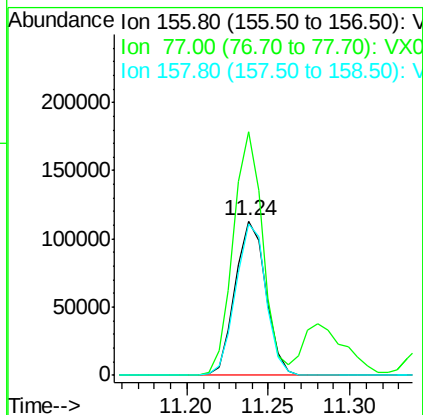
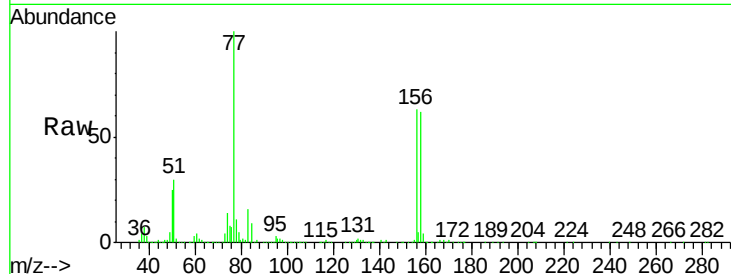
ClientSampleId :

VX0731WBSD01

Tot Ion:	156	Resp:	148481
Ion Ratio	Lower	Upper	
156	100		
77	152.4	75.0	225.0
158	97.1	49.1	147.3

Manual Integrations
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#78

n-propylbenzene

Concen: 19.429 ug/l

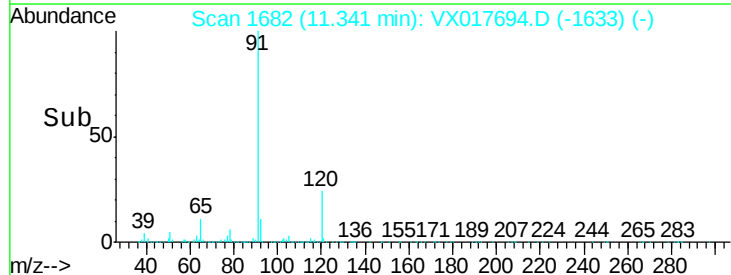
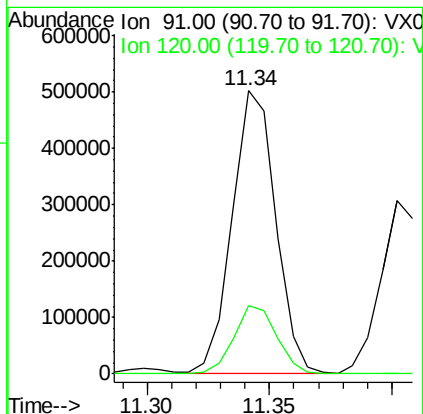
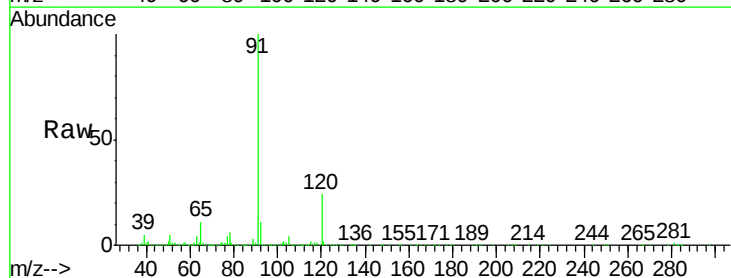
RT: 11.34 min Scan# 1682

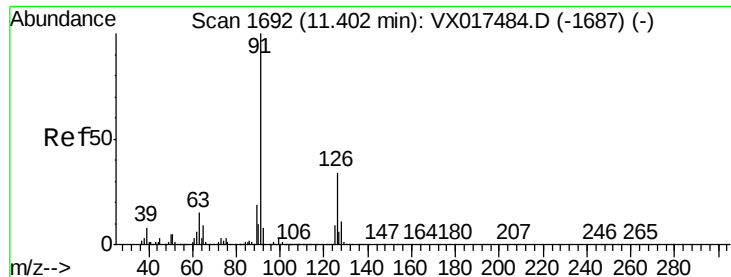
Delta R.T. -0.00 min

Lab File: VX017694.D

Acq: 31 Jul 2020 12:27

Tgt Ion:	91	Resp:	617625
Ion Ratio	Lower	Upper	
91	100		
120	24.0	12.2	36.4





#79

2-Chlorotoluene

Concen: 19.297 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017694.D

Acq: 31 Jul 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBSD01

Tot Ion: 91 Resp: 380008

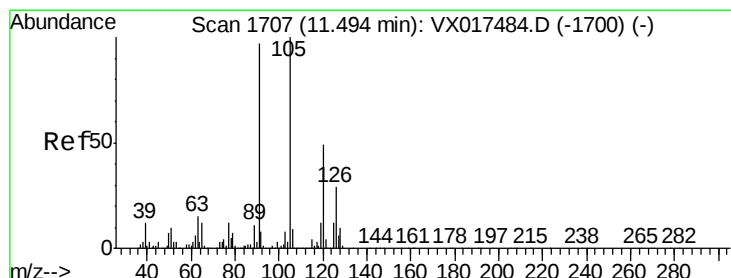
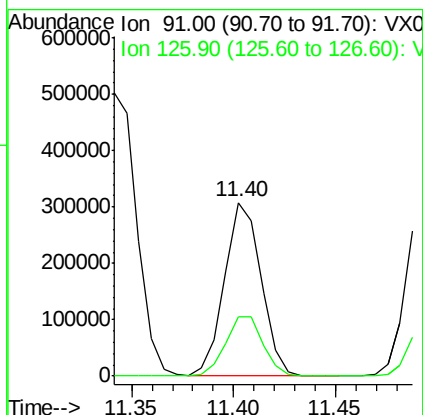
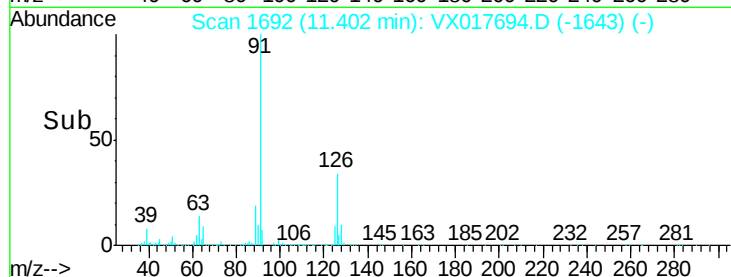
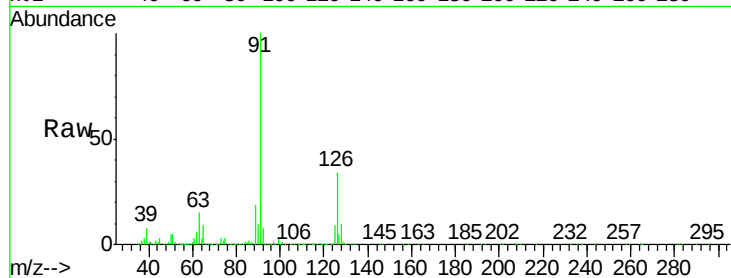
Ion Ratio Lower Upper

91 100

126 35.4 17.5 52.5

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 19.453 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX017694.D

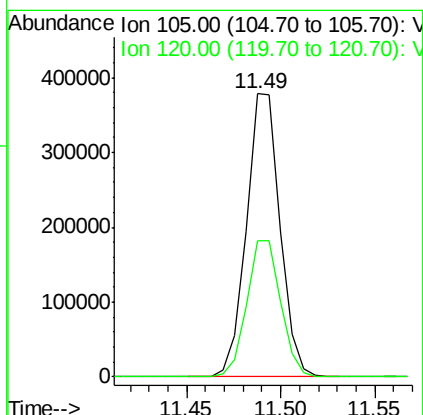
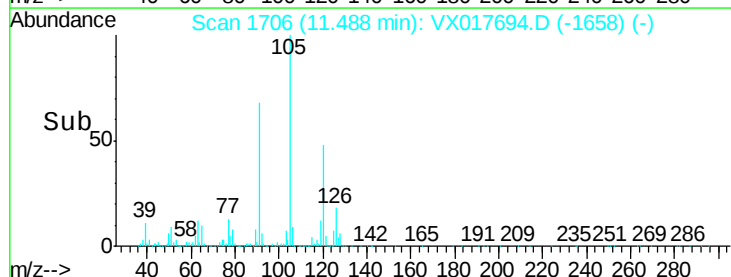
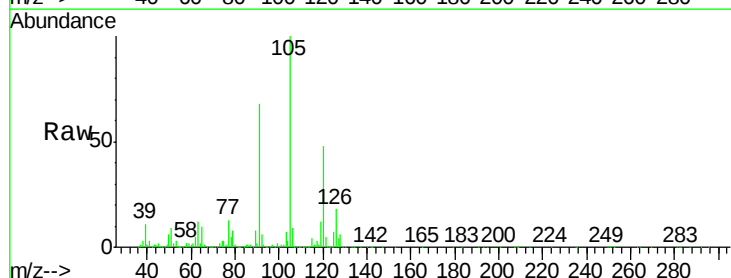
Acq: 31 Jul 2020 12:27

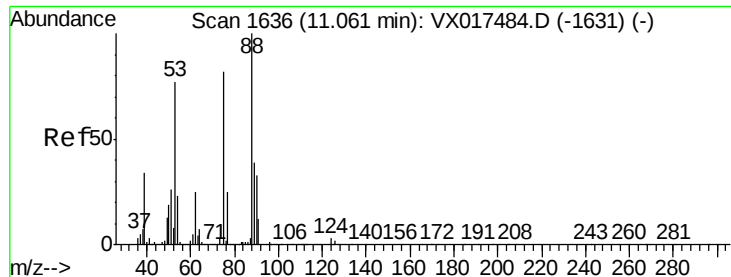
Tgt Ion: 105 Resp: 468137

Ion Ratio Lower Upper

105 100

120 48.7 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 17.674 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX017694.D

Acq: 31 Jul 2020 12:27

Instrument :

MSVOA_X

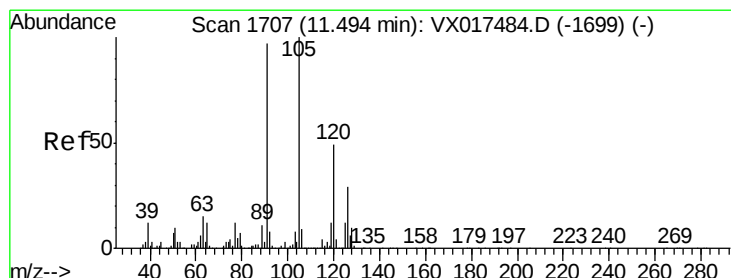
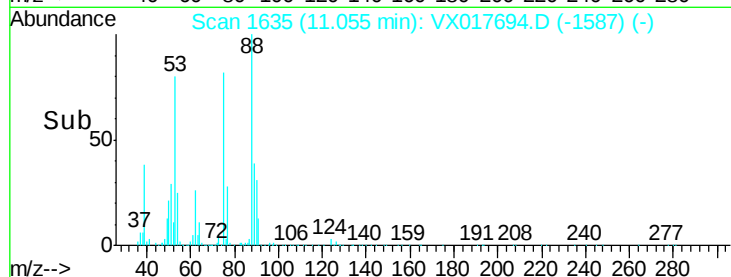
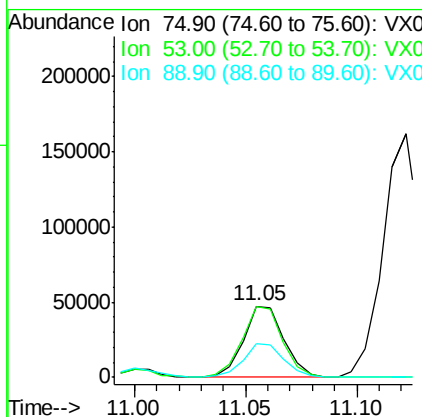
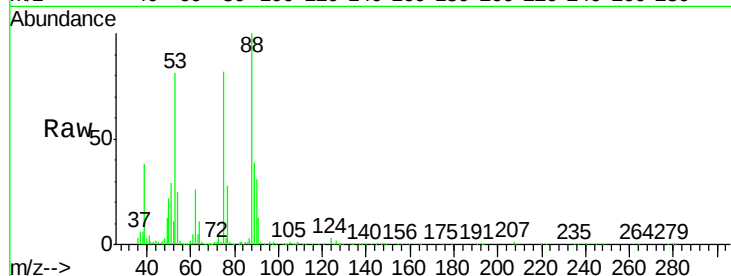
ClientSampleId :

VX0731WBSD01

Tot Ion:	75	Resp:	59280
Ion	Ratio	Lower	Upper
75	100		
53	99.5	75.9	113.9
89	48.5	37.8	56.6

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#82

4-Chlorotoluene

Concen: 19.275 ug/l

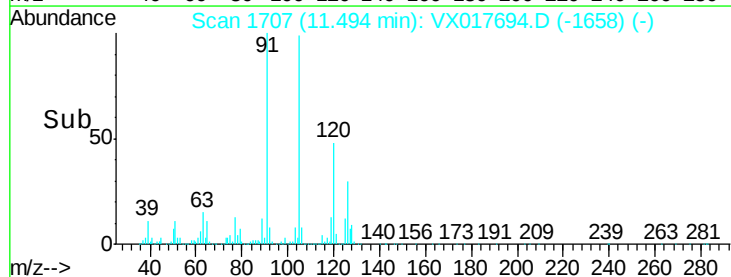
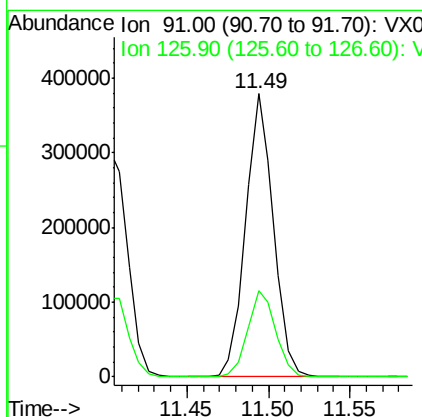
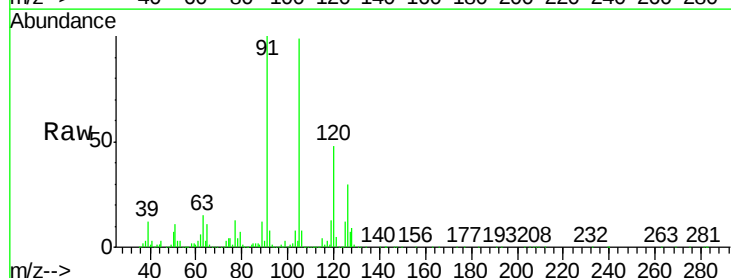
RT: 11.49 min Scan# 1707

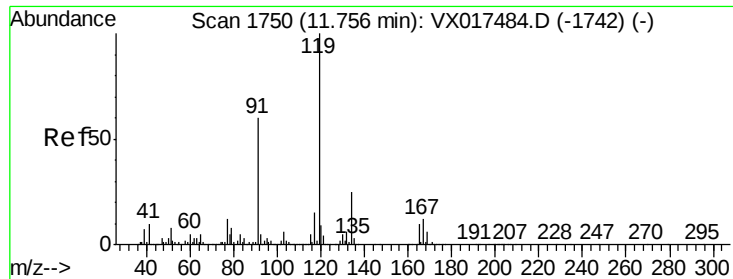
Delta R.T. -0.00 min

Lab File: VX017694.D

Acq: 31 Jul 2020 12:27

Tgt Ion:	91	Resp:	447747
Ion	Ratio	Lower	Upper
91	100		
126	30.8	15.2	45.6





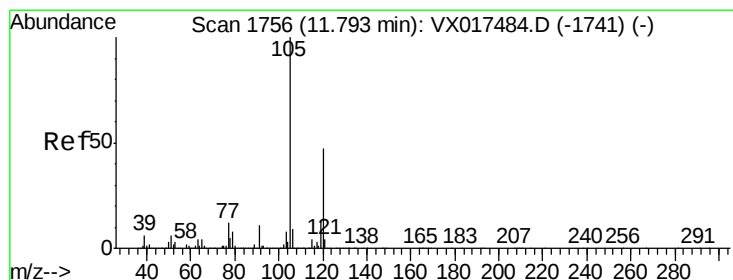
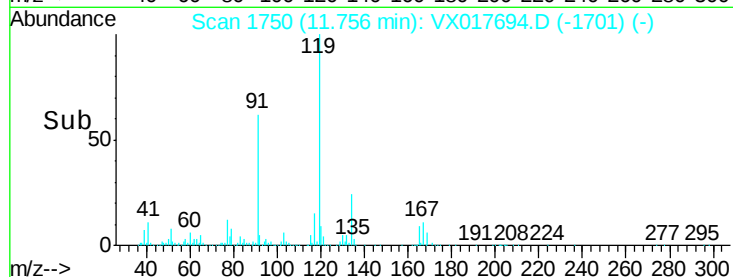
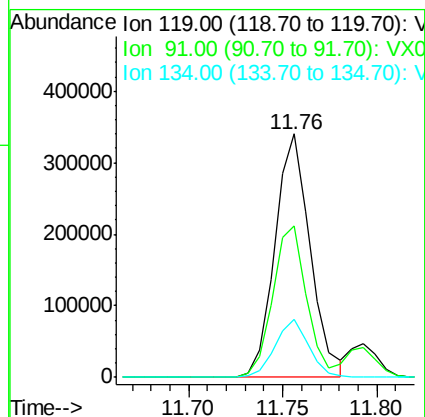
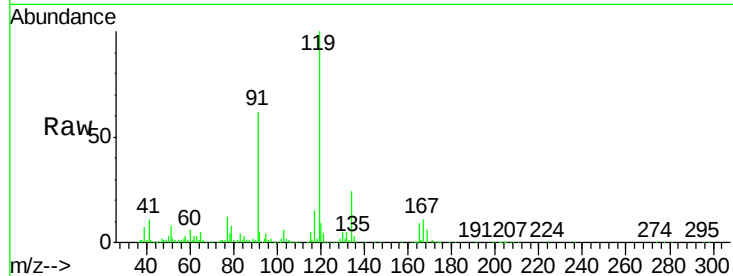
#83
tert-Butylbenzene
Concen: 19.117 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017694.D
Acq: 31 Jul 2020 12:27

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	440207		
91	59.6	29.3	88.0	
134	22.6	11.2	33.6	

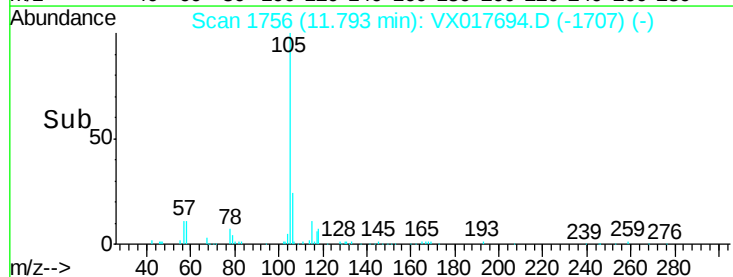
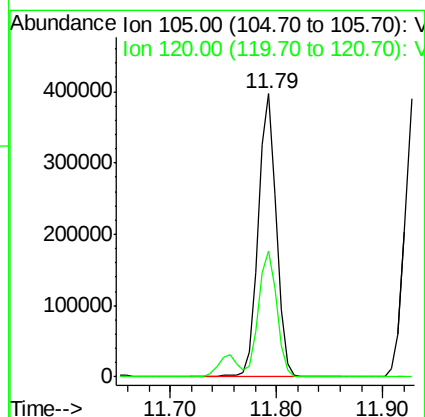
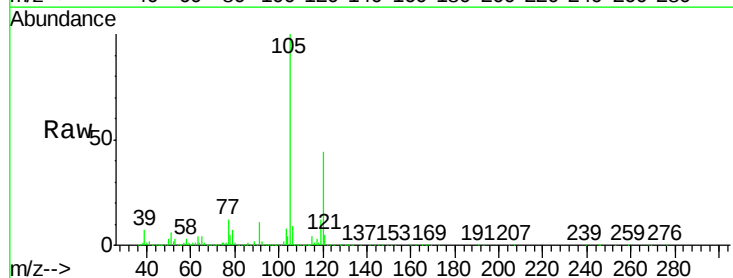
Manual Integrations
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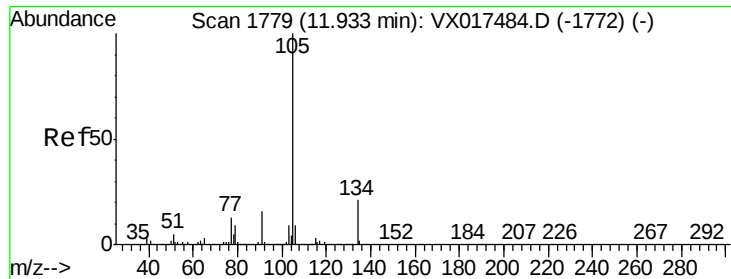
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#84
1,2,4-Trimethylbenzene
Concen: 19.764 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017694.D
Acq: 31 Jul 2020 12:27

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	473059		
120	45.0	22.7	68.0	





#85

sec-Butylbenzene

Concen: 19.463 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX017694.D

Acq: 31 Jul 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBSD01

Tot Ion:105 Resp: 522088

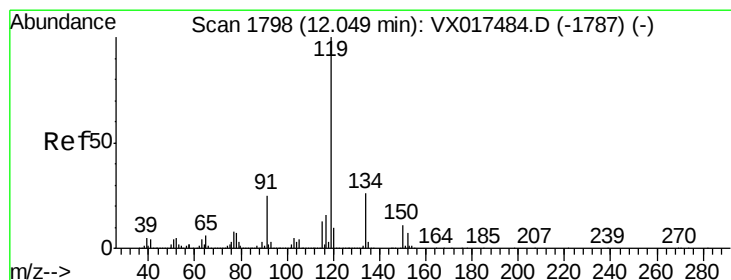
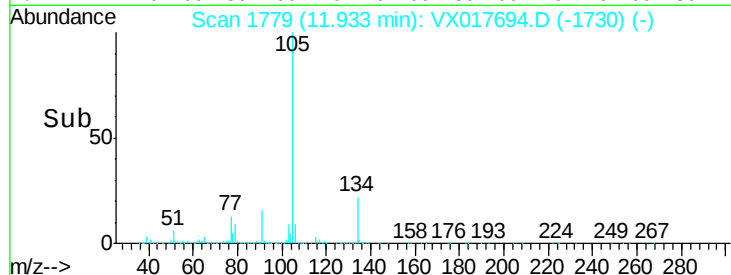
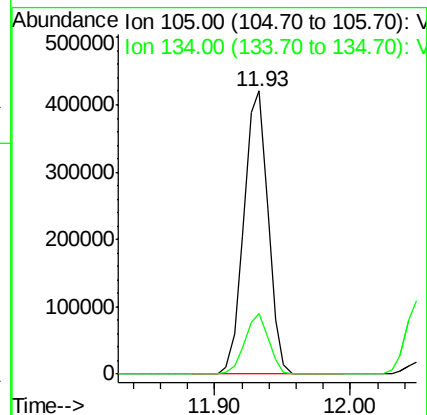
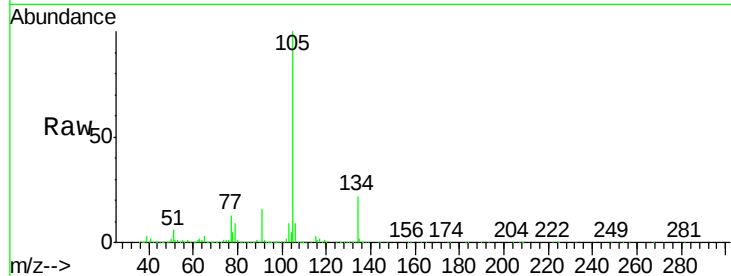
Ion Ratio Lower Upper

105 100

134 21.0 10.4 31.2

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#86

p-Isopropyltoluene

Concen: 19.371 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017694.D

Acq: 31 Jul 2020 12:27

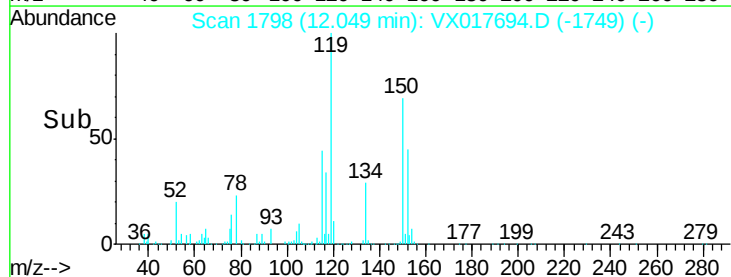
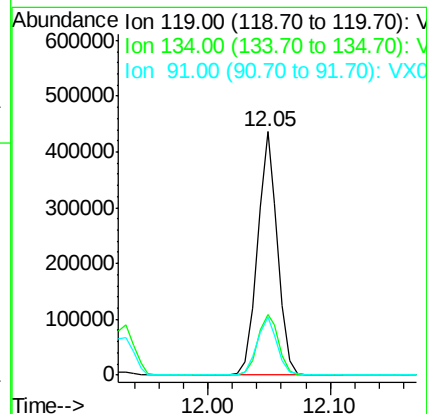
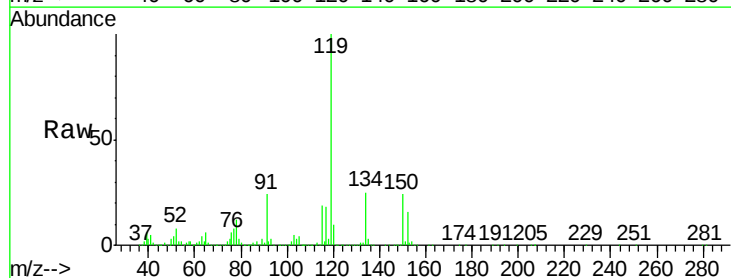
Tgt Ion:119 Resp: 494830

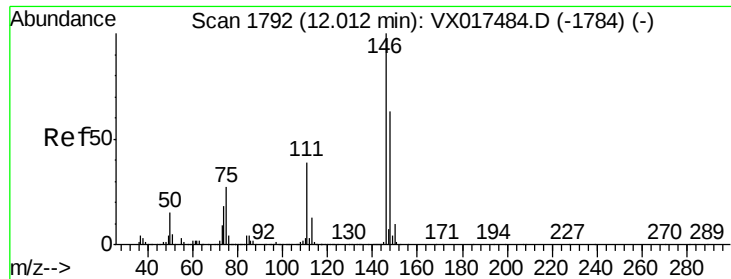
Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.3

91 24.3 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 19.506 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX017694.D

Acq: 31 Jul 2020 12:27

Instrument :

MSVOA_X

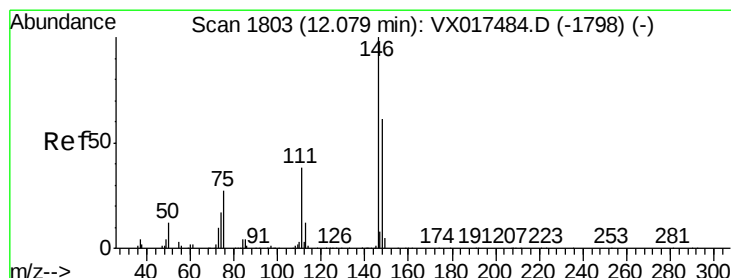
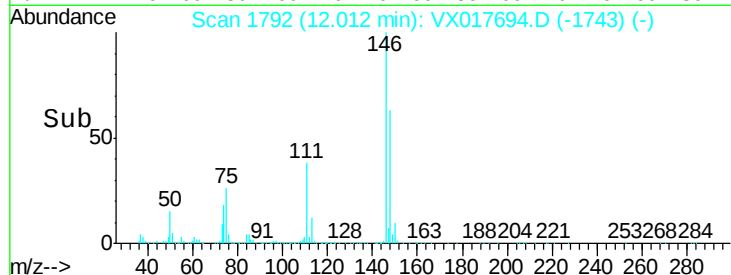
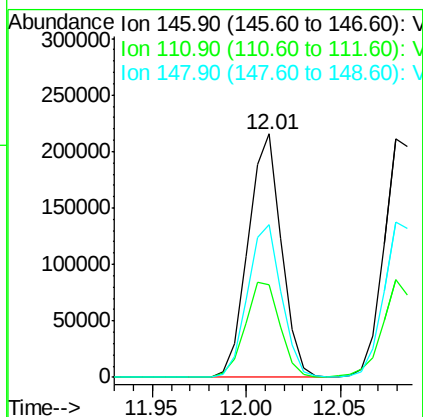
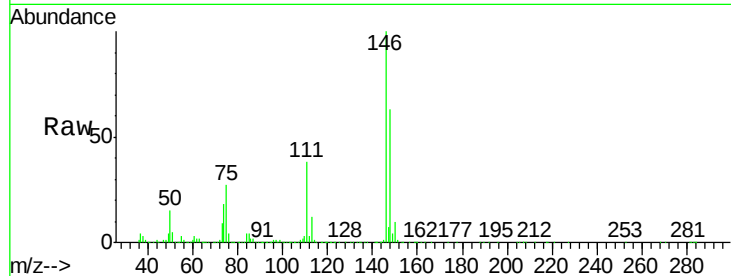
ClientSampleId :

VX0731WBSD01

Tot Ion:	146	Resp:	264315
Ion Ratio		Lower	Upper
146	100		
111	41.1	19.9	59.7
148	64.1	31.6	95.0

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 18.713 ug/l

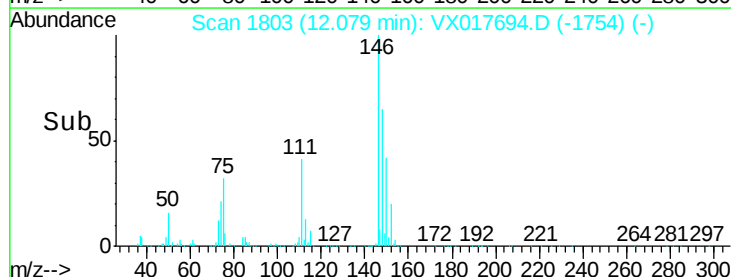
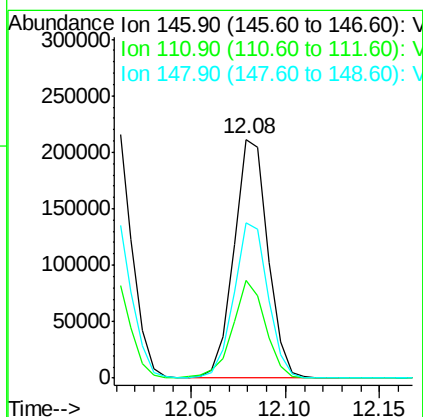
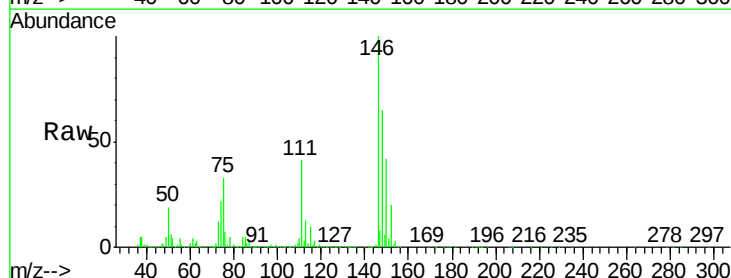
RT: 12.08 min Scan# 1803

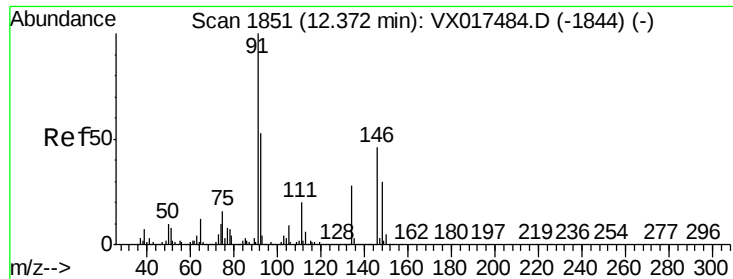
Delta R.T. -0.00 min

Lab File: VX017694.D

Acq: 31 Jul 2020 12:27

Tgt Ion:	146	Resp:	262653
Ion Ratio		Lower	Upper
146	100		
111	40.0	19.3	57.8
148	65.9	32.2	96.6





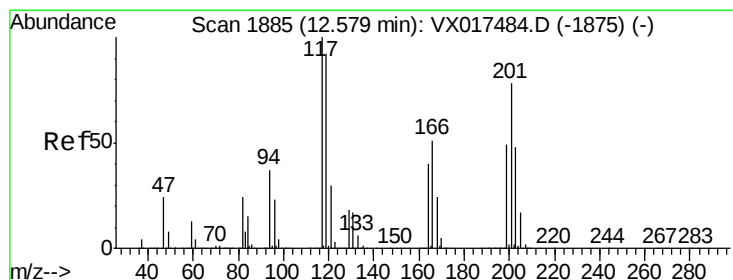
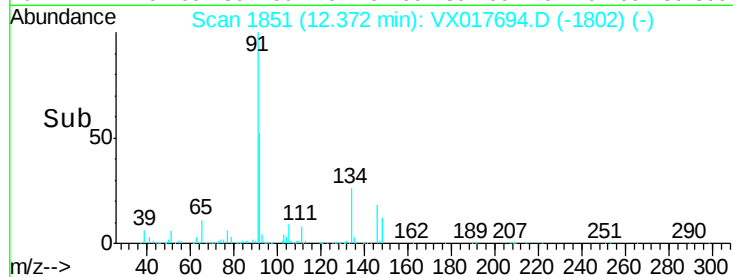
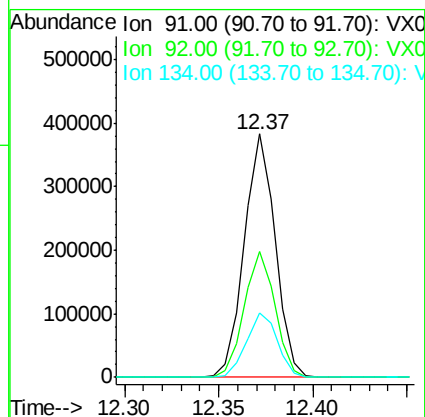
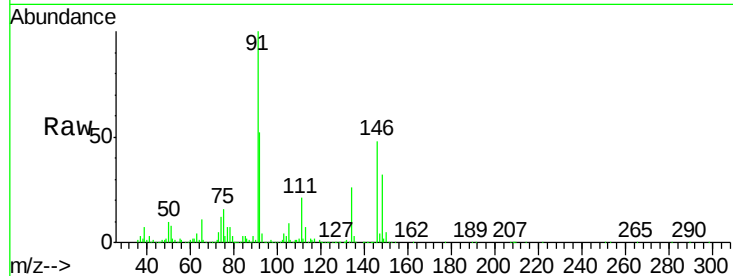
#89
n-Butylbenzene
Concen: 19.144 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017694.D
Acq: 31 Jul 2020 12:27

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.7	80.1
134	26.9	13.6	40.7

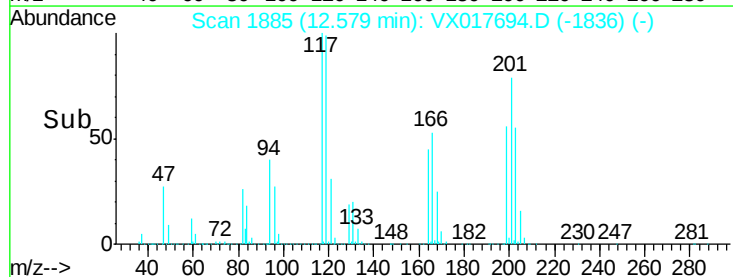
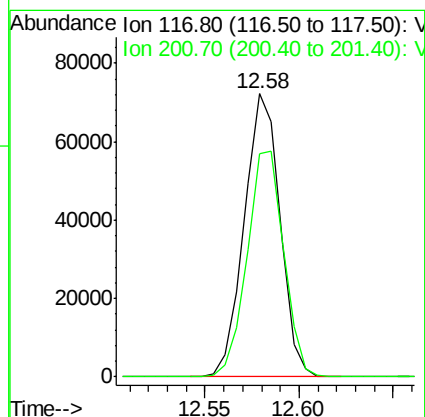
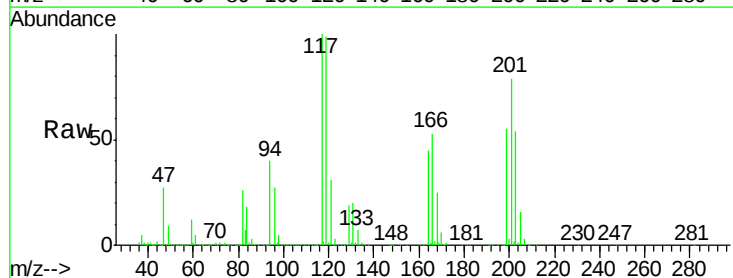
Manual Integrations
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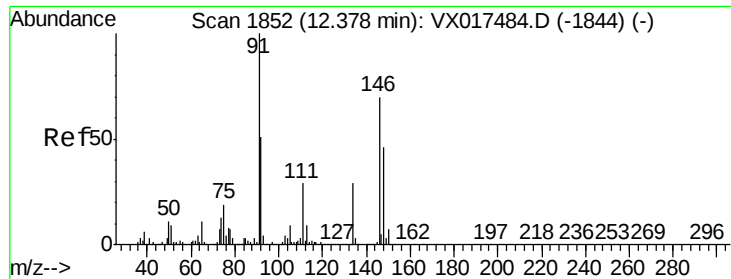
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#90
Hexachloroethane
Concen: 18.740 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017694.D
Acq: 31 Jul 2020 12:27

Tgt Ion	Ratio	Lower	Upper
117	100		
201	82.6	42.2	126.6





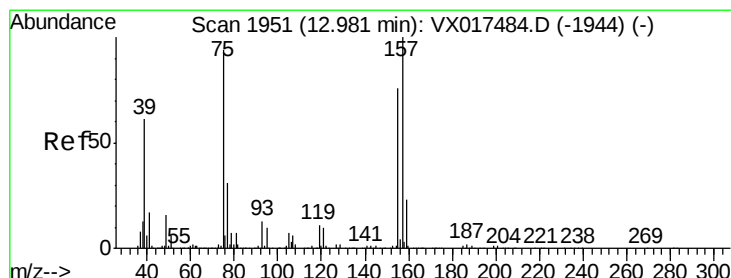
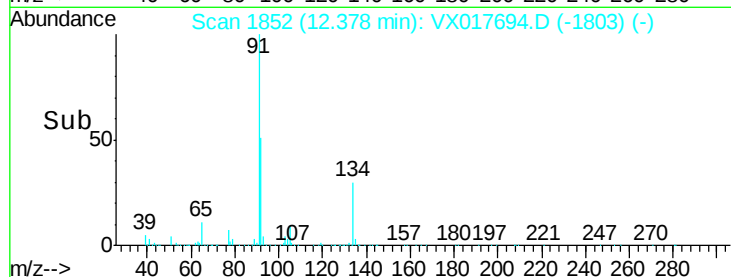
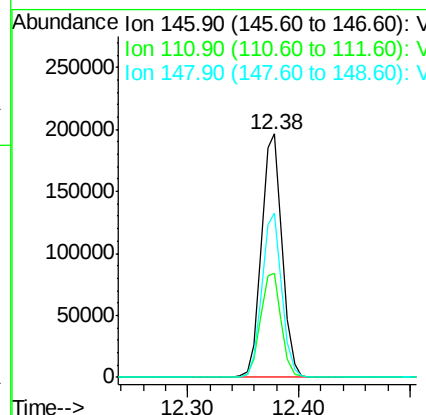
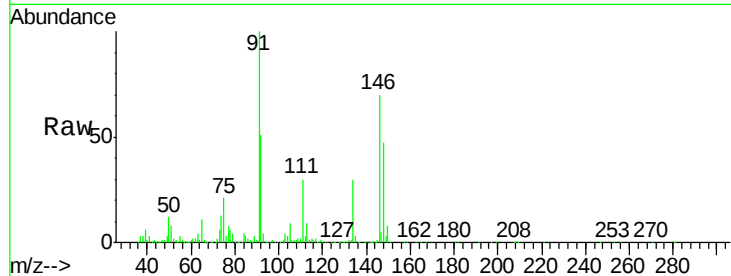
#91
 1,2-Dichlorobenzene
 Concen: 19.046 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX017694.D
 Acq: 31 Jul 2020 12:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.8	20.9	62.8
148	65.0	32.8	98.4

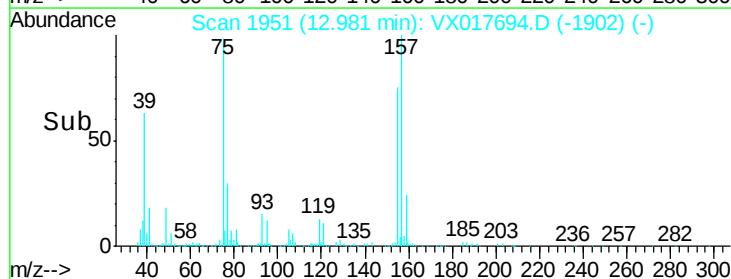
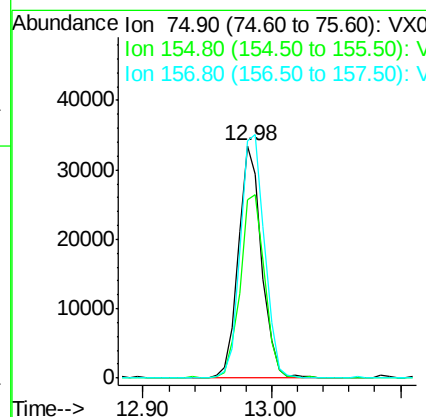
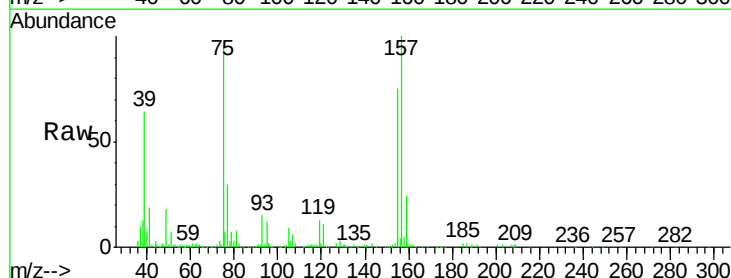
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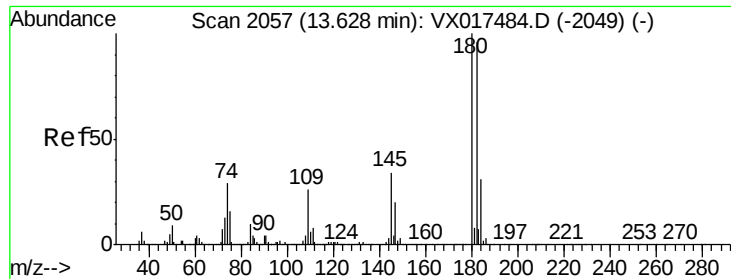
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.685 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX017694.D
 Acq: 31 Jul 2020 12:27

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.2	42.3	126.8
157	108.2	54.3	162.9





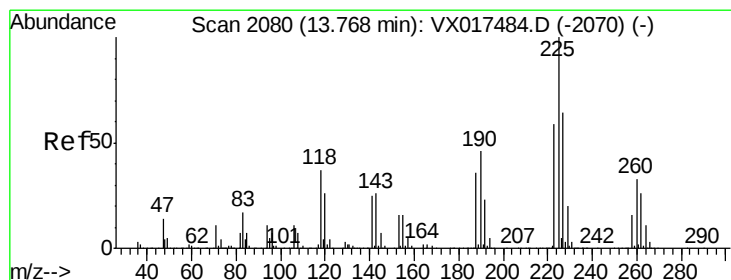
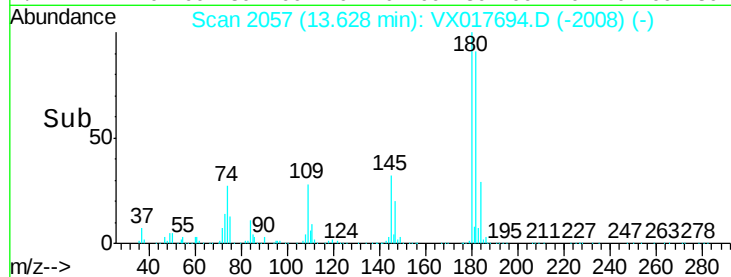
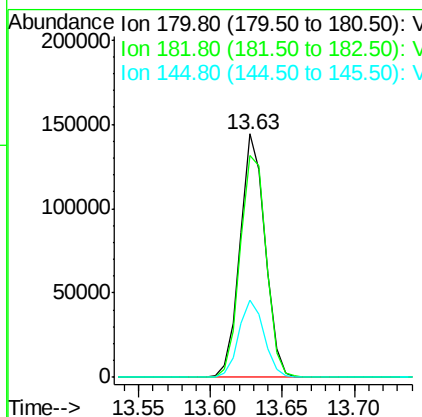
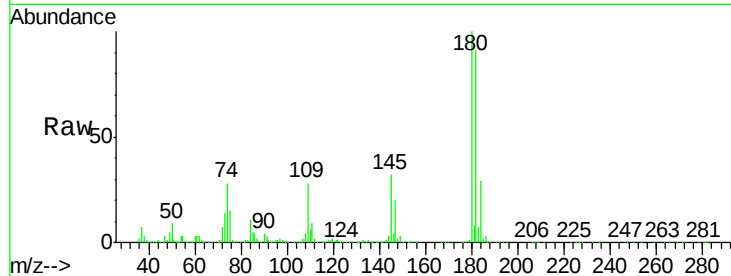
#93
 1,2,4-Trichlorobenzene
 Concen: 19.158 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017694.D
 Acq: 31 Jul 2020 12:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	174133		
182	95.1	47.5	142.6	
145	31.8	15.4	46.4	

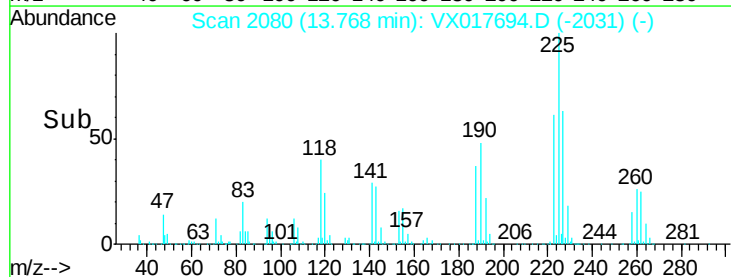
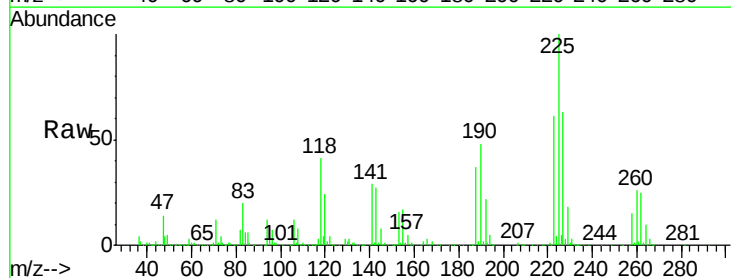
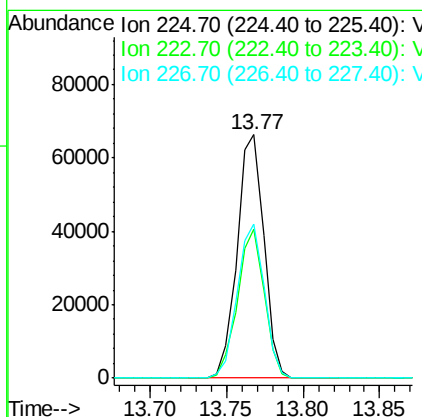
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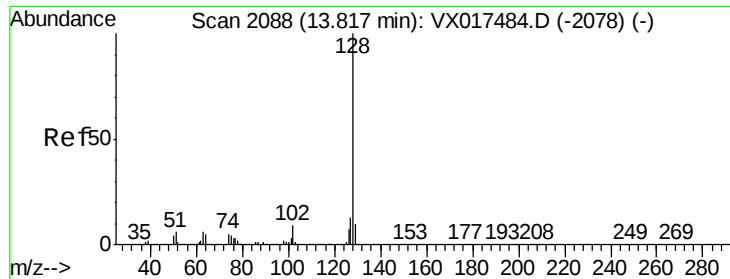
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#94
 Hexachlorobutadiene
 Concen: 19.200 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX017694.D
 Acq: 31 Jul 2020 12:27

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	80331		
223	61.1	30.3	90.9	
227	63.8	31.1	93.2	





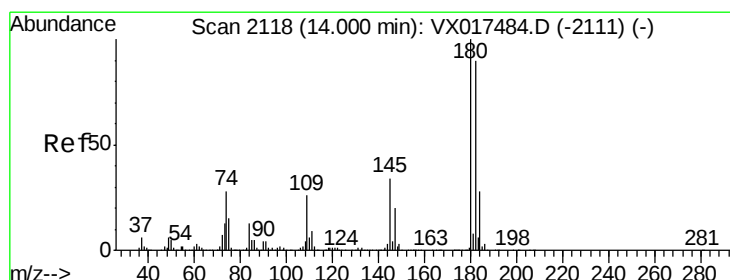
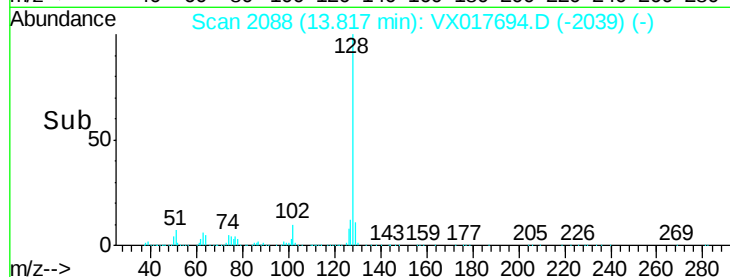
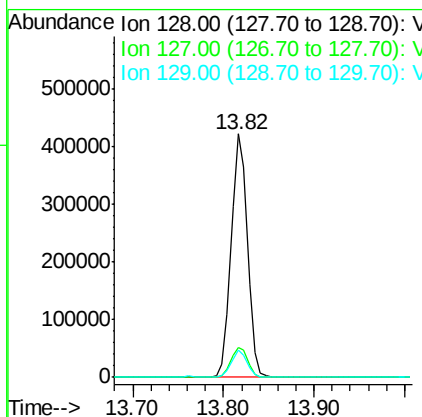
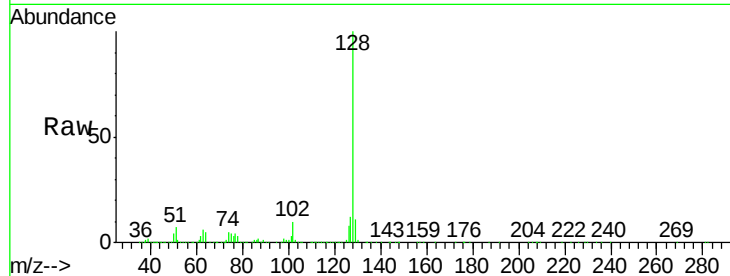
#95
Naphthalene
Concen: 19.425 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017694.D
Acq: 31 Jul 2020 12:27

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	527062		
127	12.6		10.4	15.6
129	10.9		8.9	13.3

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.477 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX017694.D
Acq: 31 Jul 2020 12:27

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	174799		
182	96.1		47.4	142.3
145	33.4		16.3	48.9

