

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072320\
 Data File : VX017509.D
 Acq On : 23 Jul 2020 22:49
 Operator : JC/SP
 Sample : VX0723WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBSD02

Manual Integrations
 APPROVED

MMDadoda
 7/24/2020 9:56:01 AM

Quant Time: Jul 24 06:57:41 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	5.63	168	649118	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1024498	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	980264	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	502623	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	391172	46.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.82%	
35) Dibromofluoromethane	5.46	113	297714	43.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.90%	
50) Toluene-d8	8.70	98	1100611	44.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.06%	
62) 4-Bromofluorobenzene	11.12	95	422710	42.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	107232	17.137	ug/l	97
3) Chloromethane	1.32	50	133921	16.935	ug/l	99
4) Vinyl Chloride	1.39	62	131755	16.130	ug/l	99
5) Bromomethane	1.63	94	90775	18.774	ug/l	94
6) Chloroethane	1.72	64	77845	16.775	ug/l	98
7) Trichlorofluoromethane	1.92	101	207615	16.159	ug/l	98
8) Diethyl Ether	2.17	74	73066	16.632	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	107502	15.247	ug/l	97
10) Methyl Iodide	2.50	142	116675	12.935	ug/l	97
11) Tert butyl alcohol	3.01	59	160077	91.090	ug/l	99
12) 1,1-Dichloroethene	2.36	96	107457	16.027	ug/l	92
13) Acrolein	2.28	56	87010	67.922	ug/l	99
14) Allyl chloride	2.71	41	186490	15.233	ug/l	99
15) Acrylonitrile	3.12	53	341654	90.012	ug/l	99
16) Acetone	2.42	43	301930	82.271	ug/l	98
17) Carbon Disulfide	2.55	76	299056	14.675	ug/l	99
18) Methyl Acetate	2.75	43	132904	15.377	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	392561	16.916	ug/l	97
20) Methylene Chloride	2.84	84	128622	17.781	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	124264	17.301	ug/l	96
22) Diisopropyl ether	3.83	45	403211	18.012	ug/l	97
23) Vinyl Acetate	3.79	43	1809445	90.658	ug/l	99
24) 1,1-Dichloroethane	3.67	63	225531	17.490	ug/l	98
25) 2-Butanone	4.64	43	496382	95.210	ug/l	100
26) 2,2-Dichloropropane	4.55	77	164730	14.271	ug/l	96
27) cis-1,2-Dichloroethene	4.57	96	138233	17.719	ug/l	98
28) Bromochloromethane	4.98	49	100281	17.161	ug/l	100
29) Tetrahydrofuran	5.09	42	315190	97.600	ug/l	98
30) Chloroform	5.18	83	236292	17.934	ug/l	97
31) Cyclohexane	5.55	56	184393	17.932	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	222734	17.927	ug/l	98
36) 1,1-Dichloropropene	5.77	75	170176	17.319	ug/l	99
37) Ethyl Acetate	4.80	43	193523	18.000	ug/l	99
38) Carbon Tetrachloride	5.76	117	199545	16.723	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	183705	16.015	ug/l	99
40) Benzene	6.12	78	493032	17.502	ug/l	98
41) Methacrylonitrile	5.01	41	103283	16.760	ug/l	96
42) 1,2-Dichloroethane	6.17	62	201420	17.477	ug/l	98
43) Isopropyl Acetate	6.42	43	307644	17.343	ug/l	99
44) Trichloroethene	7.19	130	145387	17.660	ug/l	98
45) 1,2-Dichloropropane	7.49	63	132153	16.923	ug/l	100
46) Dibromomethane	7.63	93	92464	16.754	ug/l	99
47) Bromodichloromethane	7.88	83	191102	17.209	ug/l	98
48) Methyl methacrylate	7.75	41	154384	17.558	ug/l	99
49) 1,4-Dioxane	7.71	88	68211	404.622	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	982627	92.842	ug/l	99
52) Toluene	8.77	92	316464	17.517	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	208529	16.775	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	215932	17.030	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	134901	17.925	ug/l	99
56) Ethyl methacrylate	9.16	69	196349	17.317	ug/l	100
57) 1,3-Dichloropropane	9.35	76	225682	18.211	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	476232	79.723	ug/l	99
59) 2-Hexanone	9.48	43	754375	94.670	ug/l	98
60) Dibromochloromethane	9.57	129	162860	17.026	ug/l	99
61) 1,2-Dibromoethane	9.65	107	145853	18.203	ug/l	98
64) Tetrachloroethene	9.32	164	146283	16.627	ug/l	96
65) Chlorobenzene	10.12	112	357426	16.845	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.21	131	145266	16.964	ug/l	99
67) Ethyl Benzene	10.24	91	611036	17.252	ug/l	99
68) m/p-Xylenes	10.34	106	473602	34.516	ug/l	100
69) o-Xylene	10.68	106	223590	16.943	ug/l	99
70) Styrene	10.70	104	389675	17.355	ug/l	99
71) Bromoform	10.84	173	118334	15.950	ug/l #	99
73) Isopropylbenzene	11.00	105	610773	17.713	ug/l	100
74) N-amyl acetate	10.88	43	275688	17.995	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	184443	17.137	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	183726m	17.770	ug/l	
77) Bromobenzene	11.24	156	167497	17.352	ug/l	98
78) n-propylbenzene	11.34	91	694583	17.861	ug/l	99
79) 2-Chlorotoluene	11.40	91	421420	17.493	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	520000	17.663	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	64051	15.610	ug/l	96
82) 4-Chlorotoluene	11.49	91	493257	17.358	ug/l	100
83) tert-Butylbenzene	11.76	119	493175	17.507	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	524335	17.907	ug/l	100
85) sec-Butylbenzene	11.93	105	582515	17.751	ug/l	98
86) p-Isopropyltoluene	12.05	119	546352	17.483	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	285232	17.207	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	286191	16.668	ug/l	98
89) n-Butylbenzene	12.37	91	456781	16.404	ug/l	98
90) Hexachloroethane	12.58	117	98485	15.985	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	274694	16.861	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	47391	17.344	ug/l	97

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ClientSampleId :
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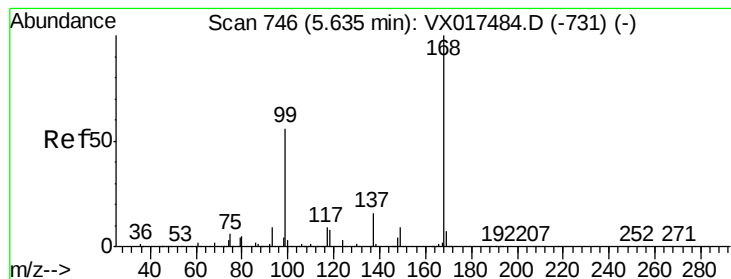
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	177812	15.992	ug/l	99
94) Hexachlorobutadiene	13.77	225	73779	14.415	ug/l	94
95) Naphthalene	13.82	128	545202	16.425	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	176635	16.089	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017509.D

Acq: 23 Jul 2020 22:49

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBSD02

Tot Ion:168 Resp: 649118

Ion Ratio Lower Upper

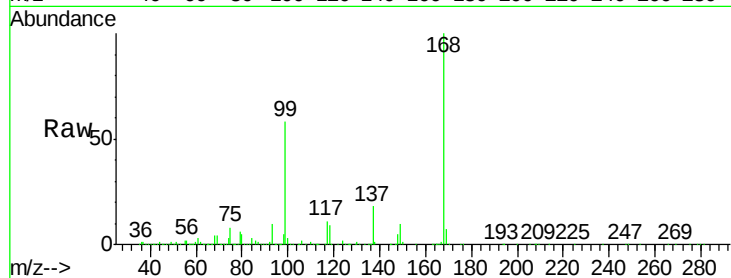
168 100

99 57.8 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

250000

200000

150000

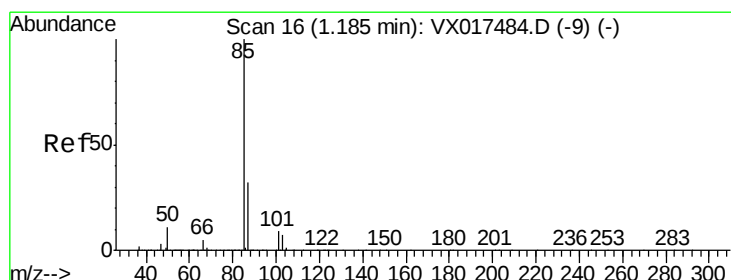
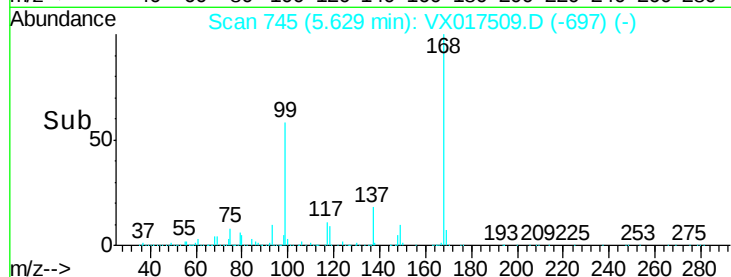
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 17.137 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017509.D

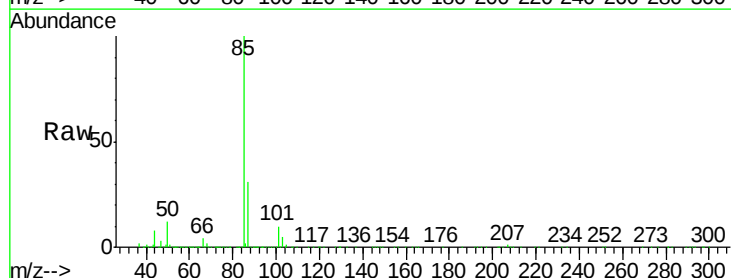
Acq: 23 Jul 2020 22:49

Tgt Ion: 85 Resp: 107232

Ion Ratio Lower Upper

85 100

87 30.5 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

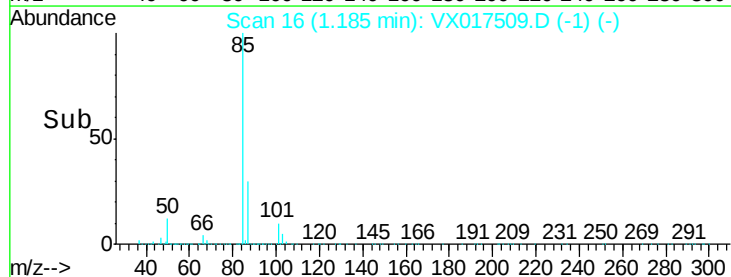
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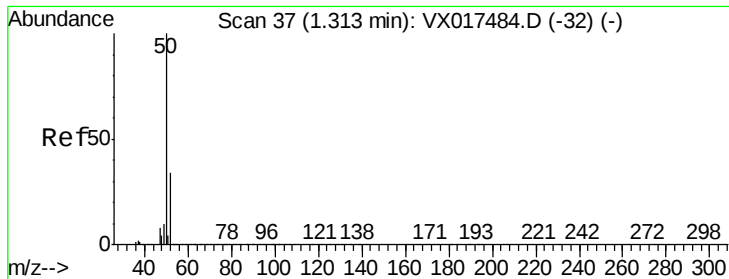
50000

0

1.10 1.20 1.30

Time-->





#3

Chloromethane

Concen: 16.935 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX017509.D

Acq: 23 Jul 2020 22:49

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBSD02

Tot Ion: 50 Resp: 133921

Ion Ratio Lower Upper

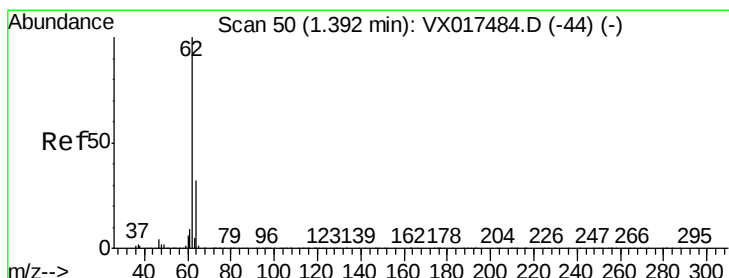
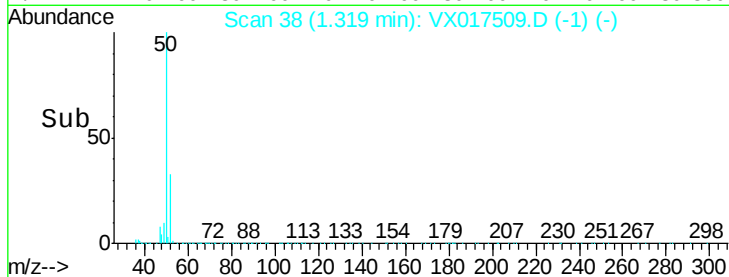
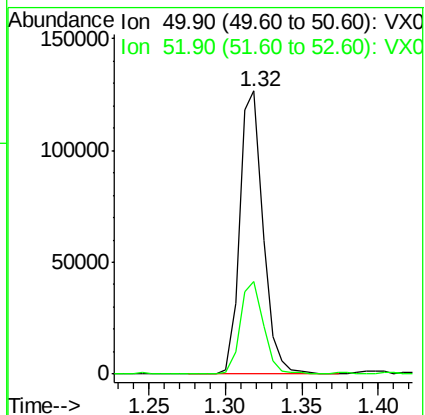
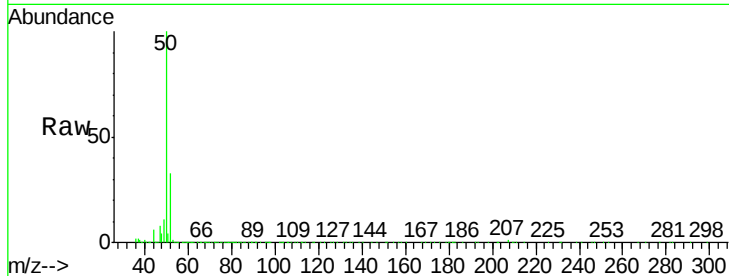
50 100

52 32.8 25.9 38.9

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#4

Vinyl Chloride

Concen: 16.130 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017509.D

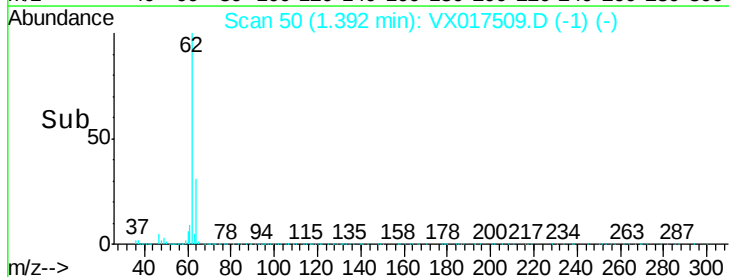
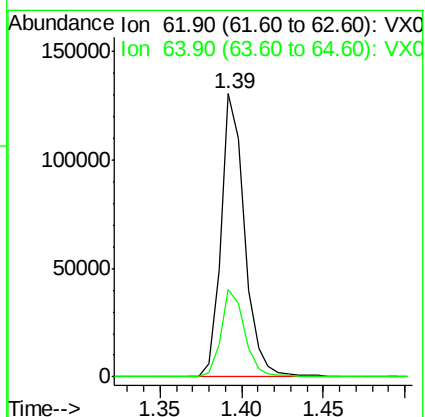
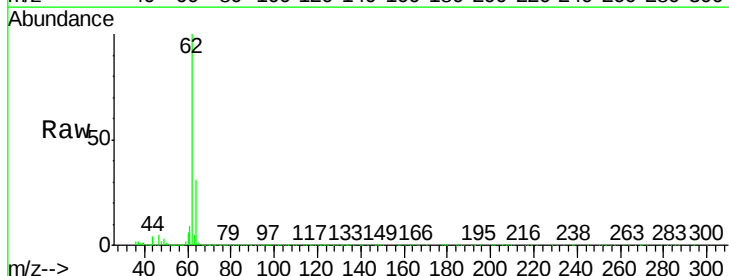
Acq: 23 Jul 2020 22:49

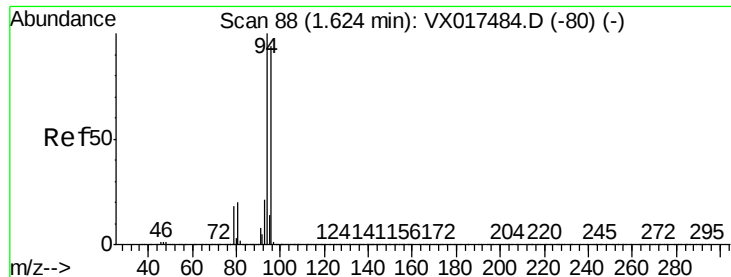
Tgt Ion: 62 Resp: 131755

Ion Ratio Lower Upper

62 100

64 30.9 25.2 37.8





#5

Bromomethane

Concen: 18.774 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017509.D

Acq: 23 Jul 2020 22:49

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBSD02

Tot Ion: 94 Resp: 90775

Ion Ratio Lower Upper

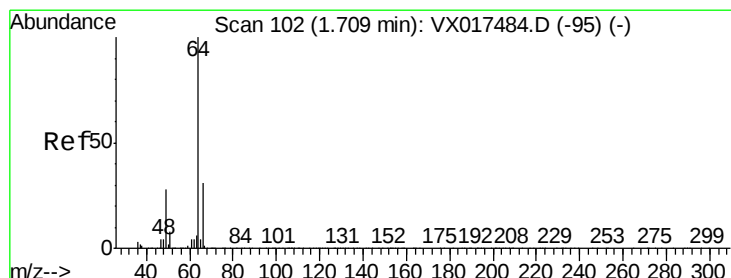
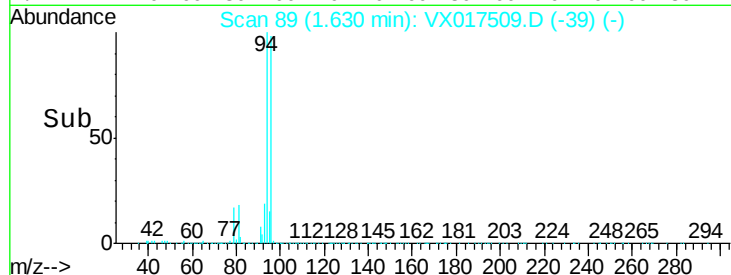
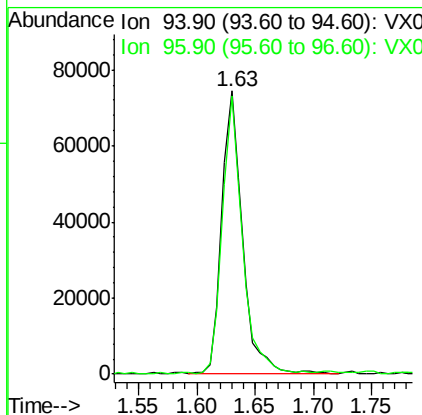
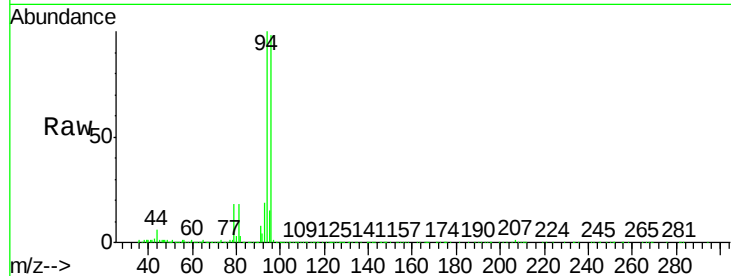
94 100

96 97.9 74.1 111.1

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#6

Chloroethane

Concen: 16.775 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017509.D

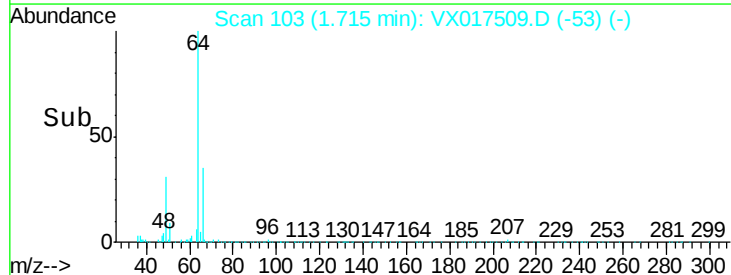
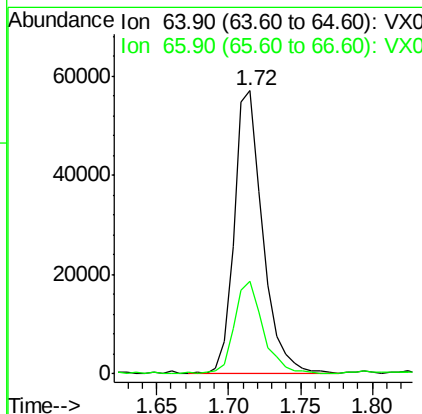
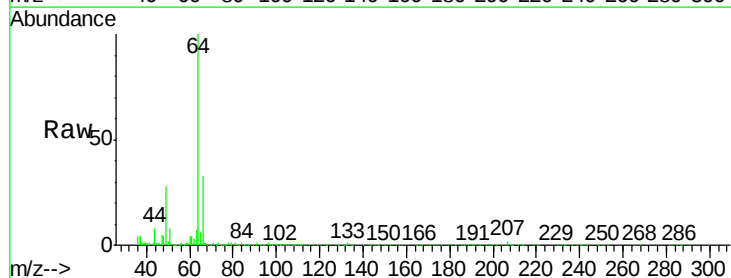
Acq: 23 Jul 2020 22:49

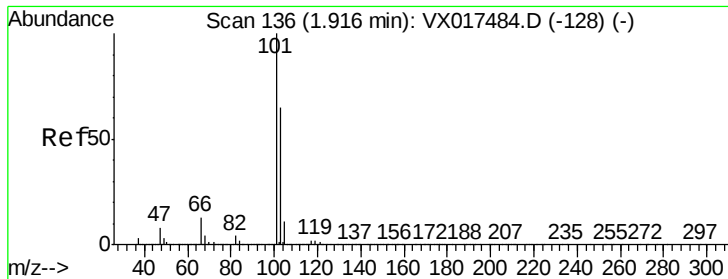
Tgt Ion: 64 Resp: 77845

Ion Ratio Lower Upper

64 100

66 32.4 24.9 37.3





#7

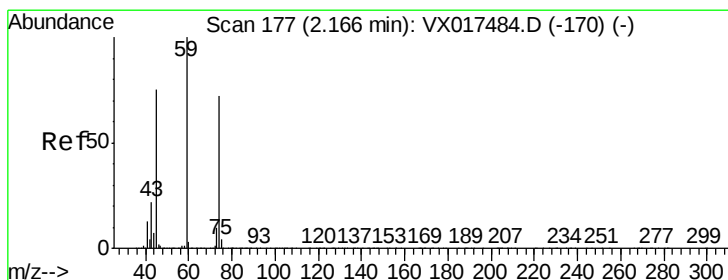
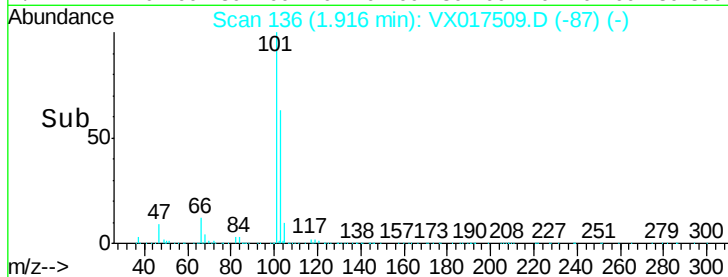
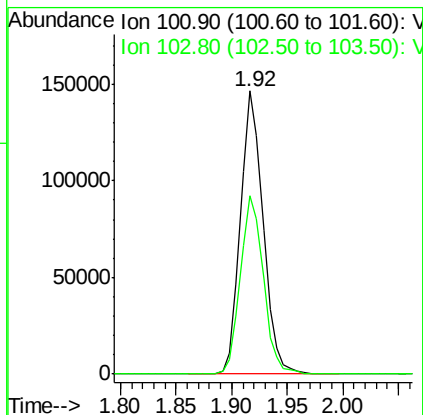
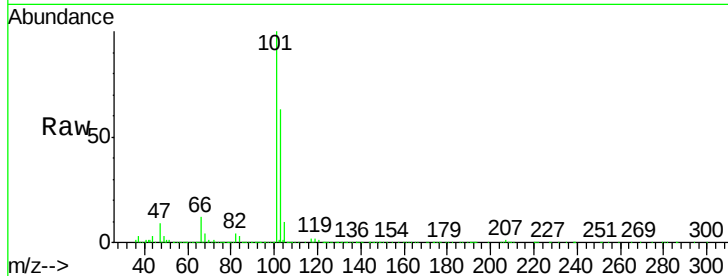
Trichlorofluoromethane
Concen: 16.159 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017509.D
Acq: 23 Jul 2020 22:49

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ClientSampleId :
VX0723WBSD02

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.9	51.8	77.8

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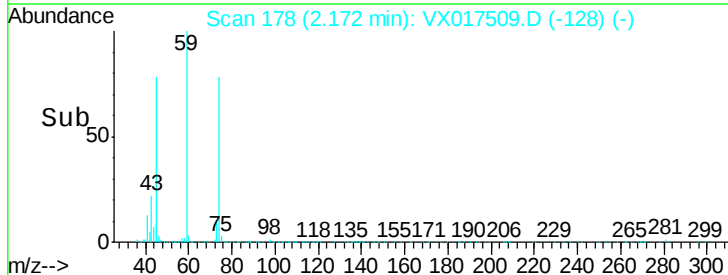
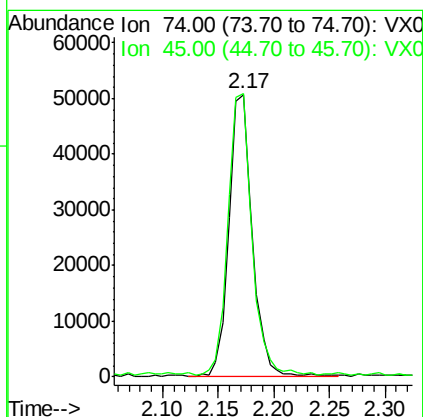
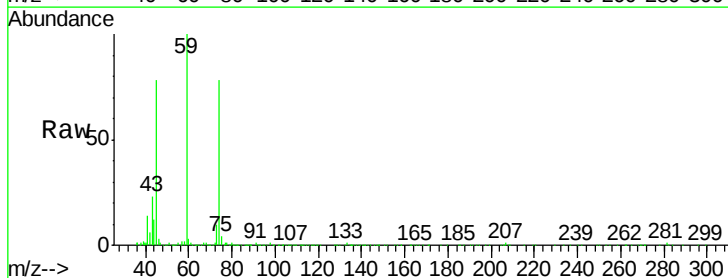
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7/24/2020 9:56:01 AM

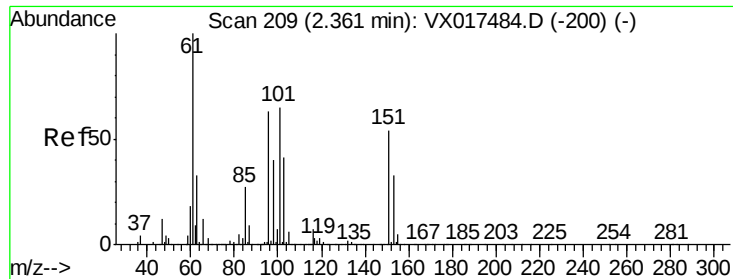


#8

Diethyl Ether
Concen: 16.632 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX017509.D
Acq: 23 Jul 2020 22:49

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.1	50.8	152.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 15.247 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX017509.D

Acq: 23 Jul 2020 22:49

Instrument :

MSVOA_X

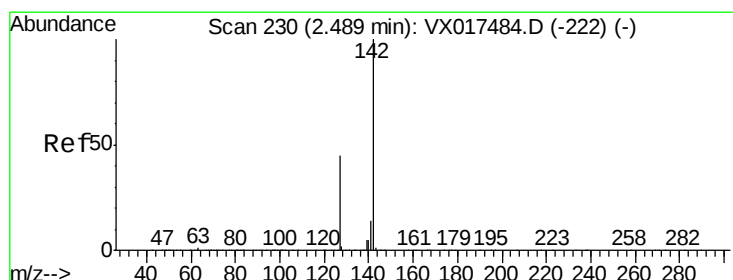
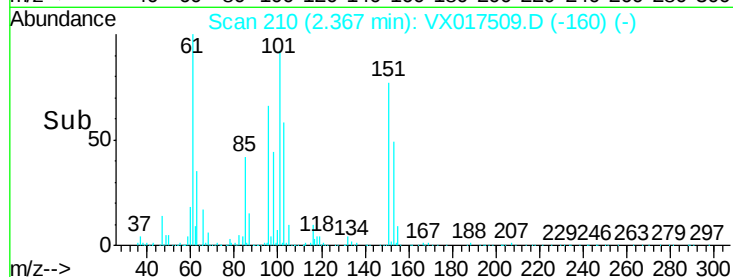
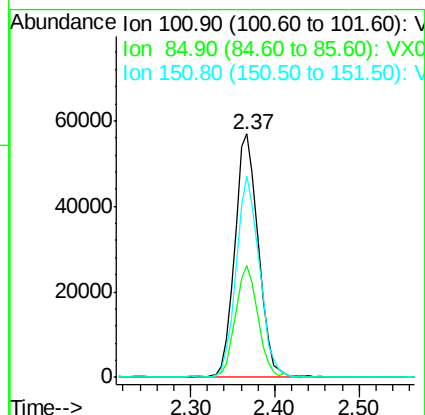
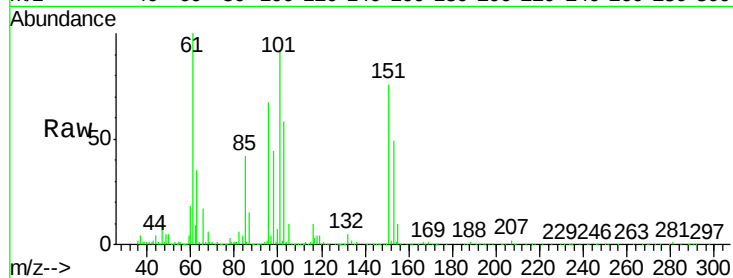
ClientSampleId :

VX0723WBSD02

Tot Ion:	101	Resp:	107502
Ion Ratio	Lower	Upper	
101	100		
85	44.1	34.8	52.2
151	81.7	68.0	102.0

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7/24/2020 9:56:01 AM



#10

Methyl Iodide

Concen: 12.935 ug/l

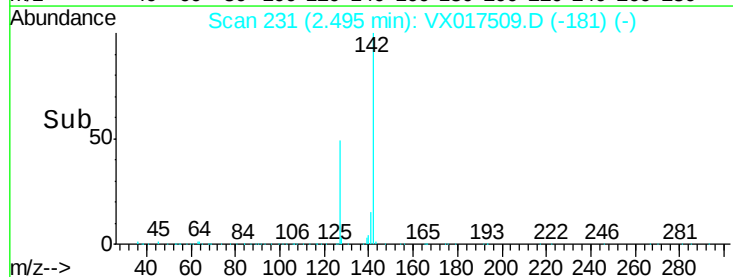
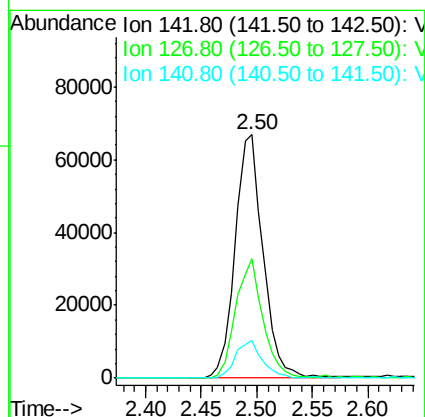
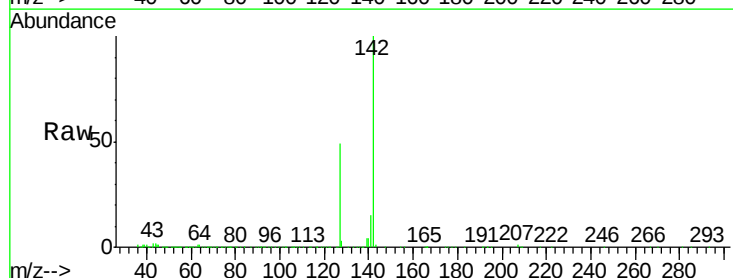
RT: 2.50 min Scan# 231

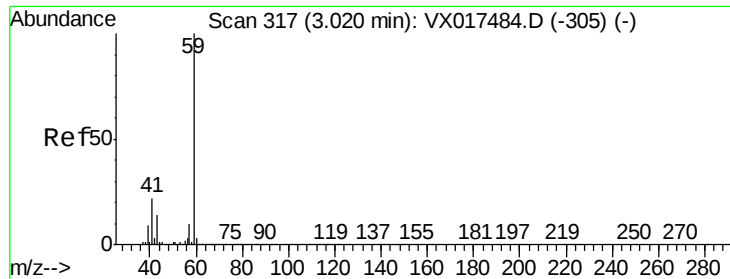
Delta R.T. 0.01 min

Lab File: VX017509.D

Acq: 23 Jul 2020 22:49

Tgt Ion:	142	Resp:	116675
Ion Ratio	Lower	Upper	
142	100		
127	47.6	35.9	53.9
141	14.5	11.4	17.0





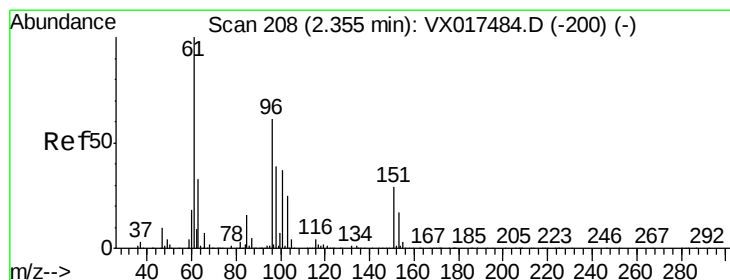
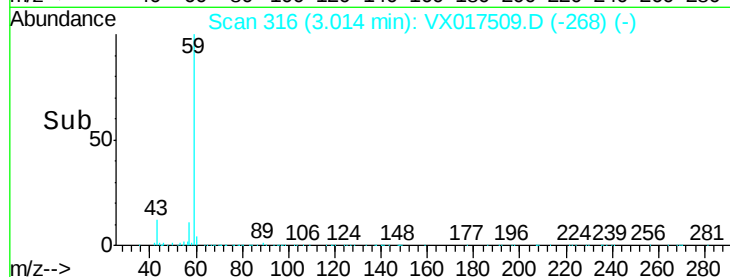
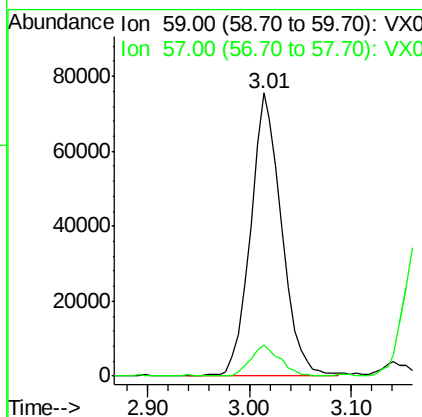
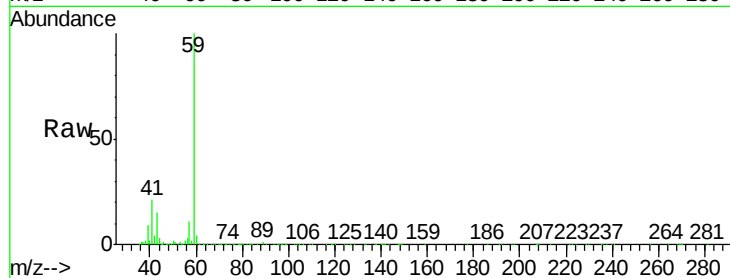
#11
Tert butyl alcohol
Concen: 91.090 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX017509.D
Acq: 23 Jul 2020 22:49

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBSD02

Tot Ion: 59 Resp: 160077
Ion Ratio Lower Upper
59 100
57 10.4 8.6 12.8

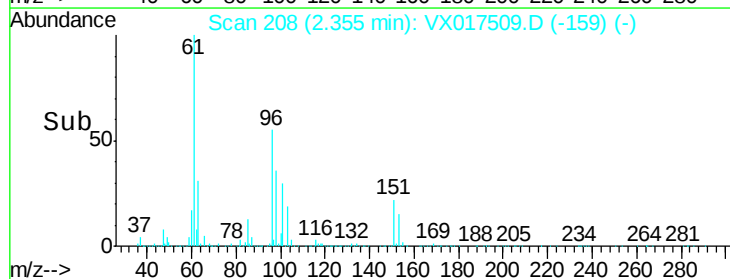
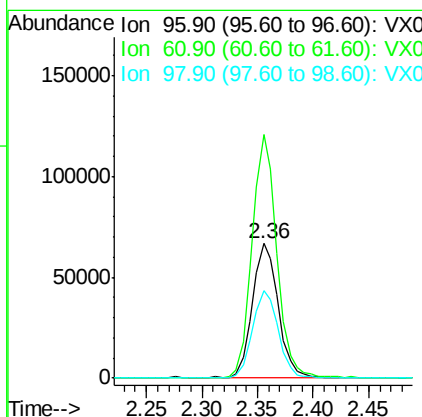
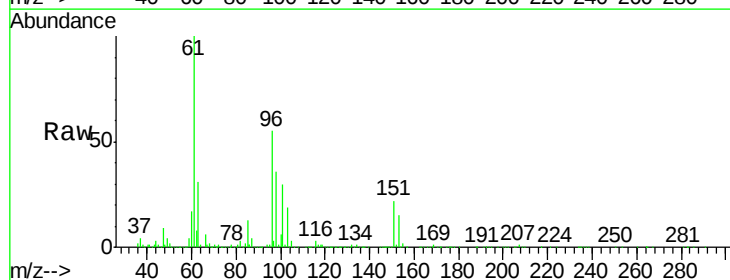
Manual Integrations
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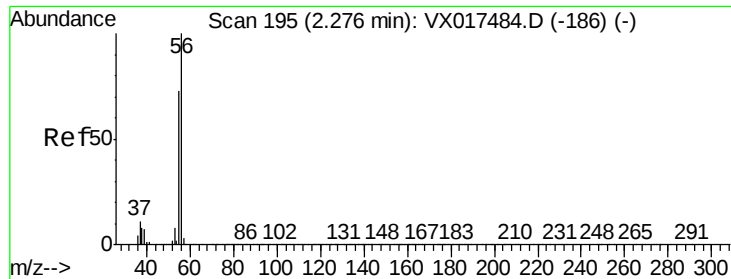
MMDadoda
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#12
1,1-Dichloroethene
Concen: 16.027 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017509.D
Acq: 23 Jul 2020 22:49

Tgt Ion: 96 Resp: 107457
Ion Ratio Lower Upper
96 100
61 181.6 134.0 201.0
98 65.6 51.0 76.4





#13

Acrolein

Concen: 67.922 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX017509.D

Acq: 23 Jul 2020 22:49

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBSD02

Tot Ion: 56 Resp: 87010

Ion Ratio Lower Upper

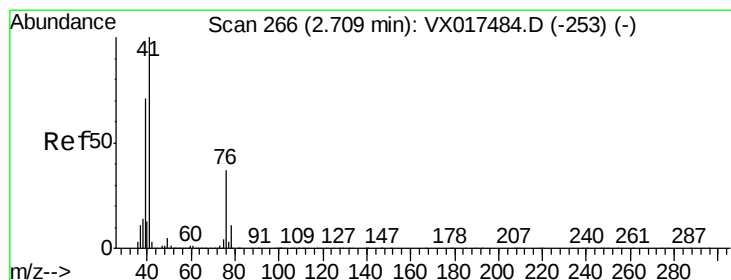
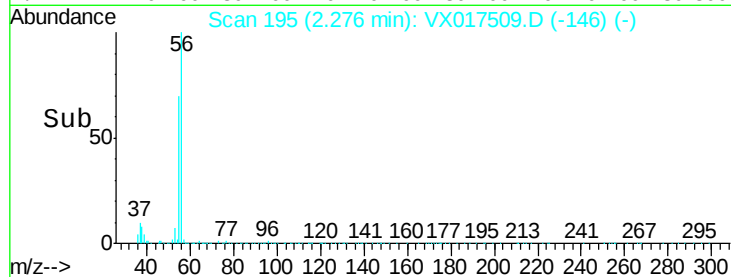
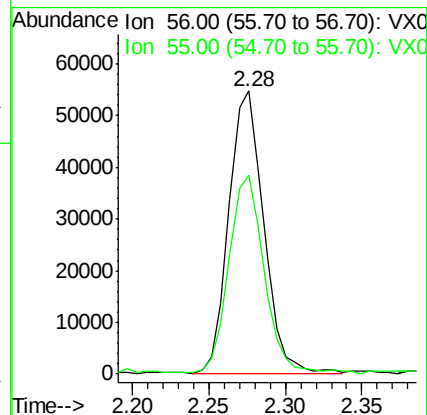
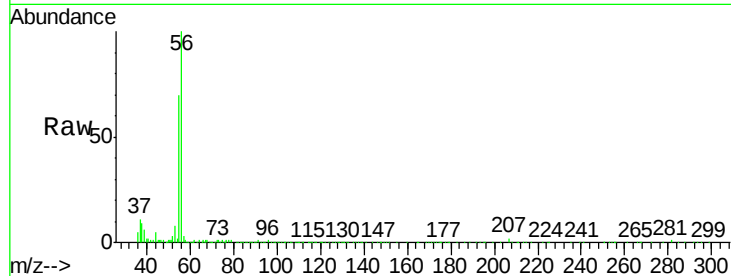
56 100

55 70.6 57.4 86.2

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#14

Allyl chloride

Concen: 15.233 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017509.D

Acq: 23 Jul 2020 22:49

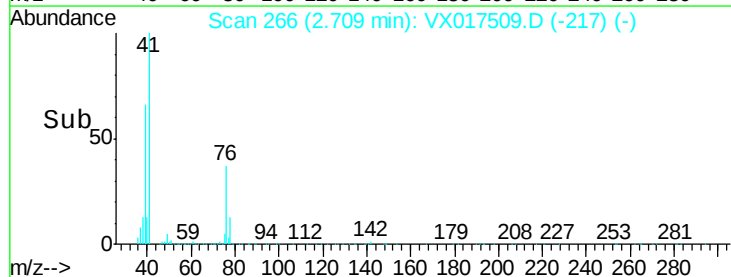
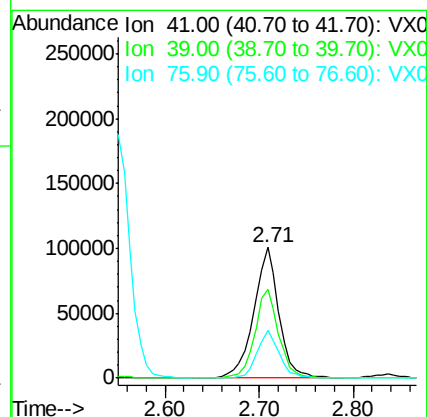
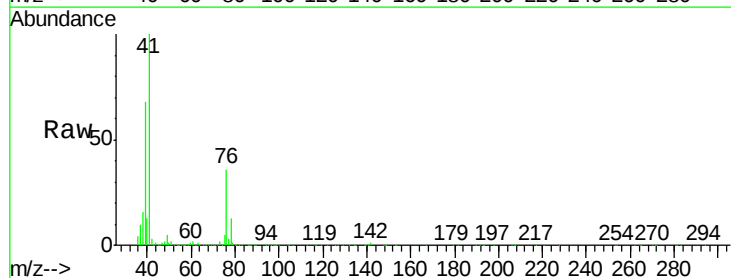
Tgt Ion: 41 Resp: 186490

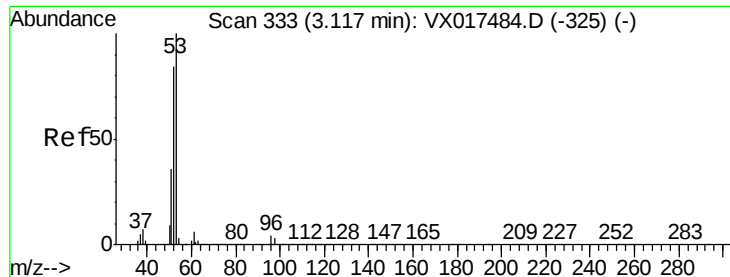
Ion Ratio Lower Upper

41 100

39 64.3 51.9 77.9

76 32.1 25.5 38.3





#15

Acrylonitrile

Concen: 90.012 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017509.D

Acq: 23 Jul 2020 22:49

Instrument :

MSVOA_X

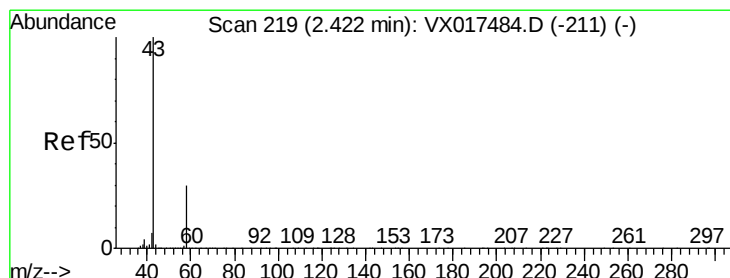
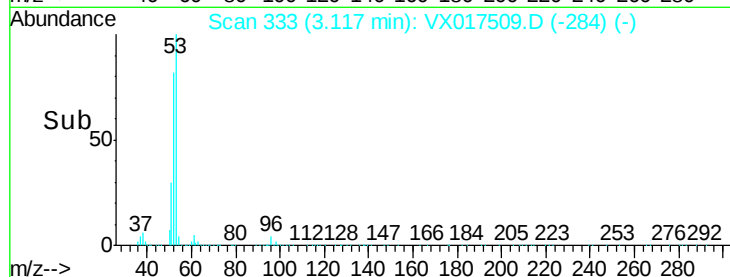
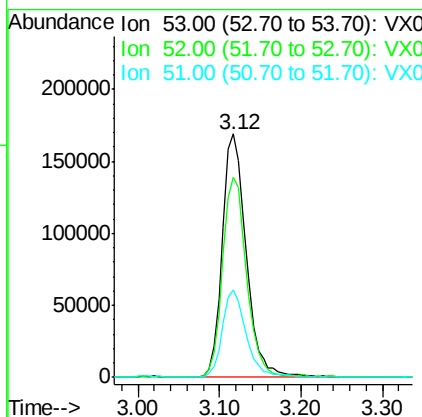
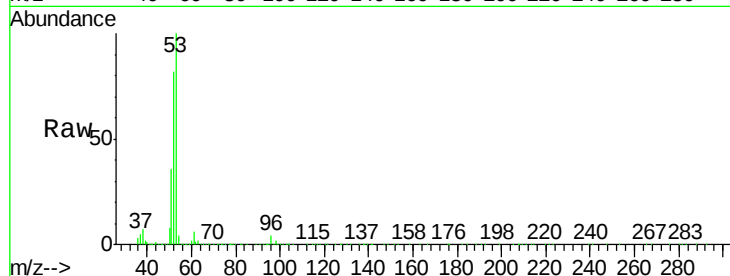
ClientSampleId :

VX0723WBSD02

Tot Ion:	53	Resp:	341654
Ion Ratio	Lower	Upper	
53	100		
52	82.8	66.6	99.8
51	36.4	29.4	44.2

Manual Integrations
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#16

Acetone

Concen: 82.271 ug/l

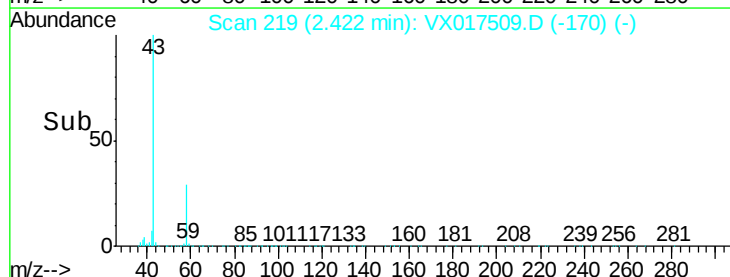
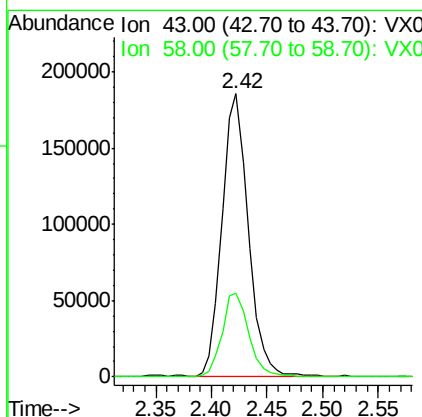
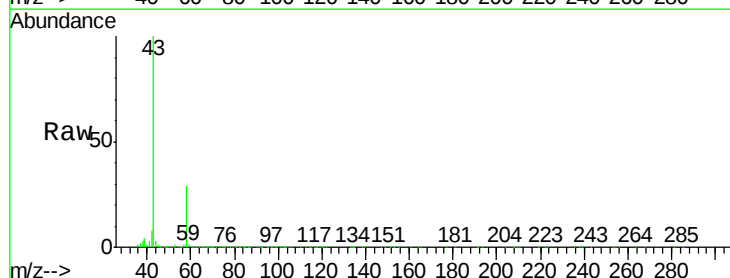
RT: 2.42 min Scan# 219

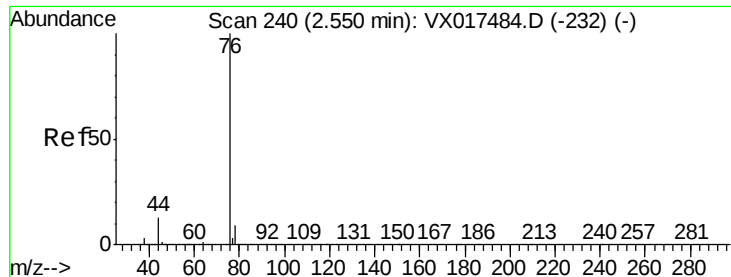
Delta R.T. -0.00 min

Lab File: VX017509.D

Acq: 23 Jul 2020 22:49

Tgt Ion:	43	Resp:	301930
Ion Ratio	Lower	Upper	
43	100		
58	29.3	24.2	36.4





#17

Carbon Disulfide

Concen: 14.675 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017509.D

Acq: 23 Jul 2020 22:49

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBSD02

Tot Ion: 76 Resp: 299056

Ion Ratio Lower Upper

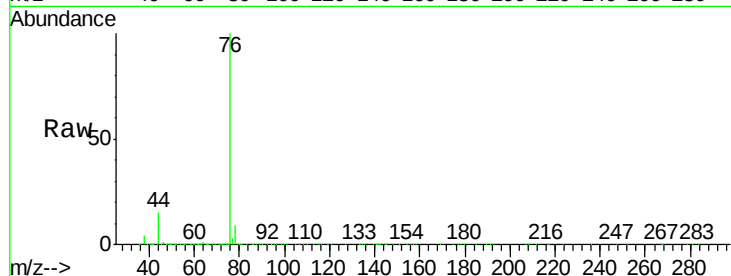
76 100

78 9.1 7.5 11.3

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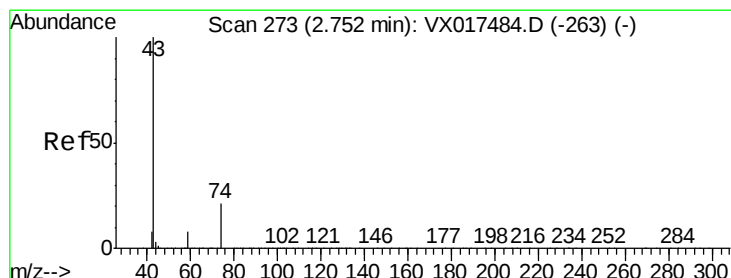
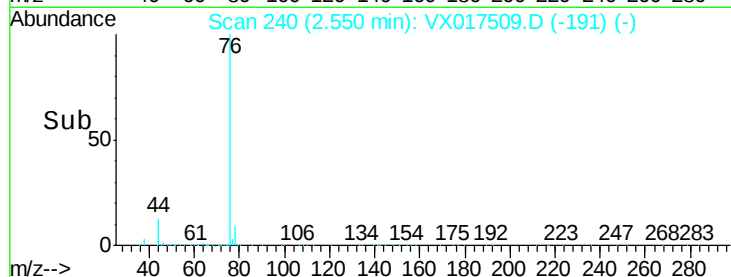
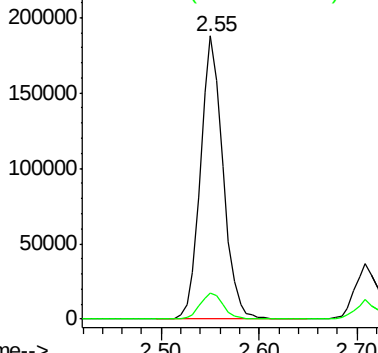
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 15.377 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX017509.D

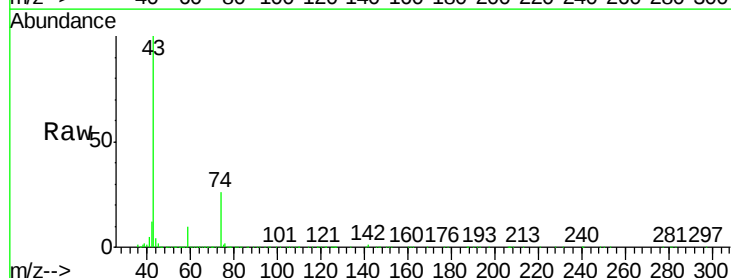
Acq: 23 Jul 2020 22:49

Tgt Ion: 43 Resp: 132904

Ion Ratio Lower Upper

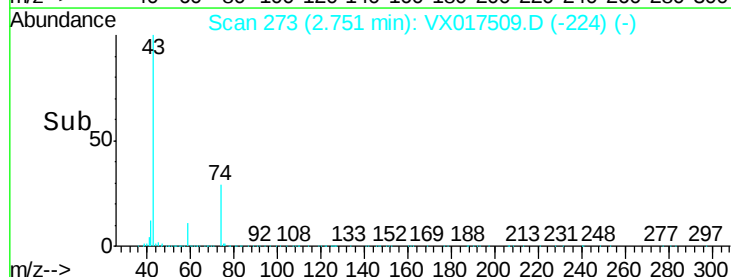
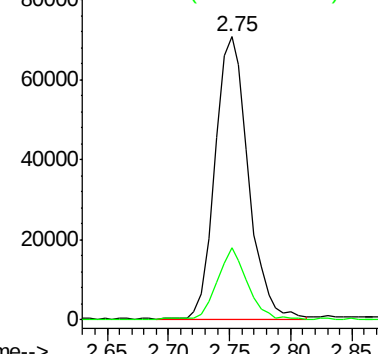
43 100

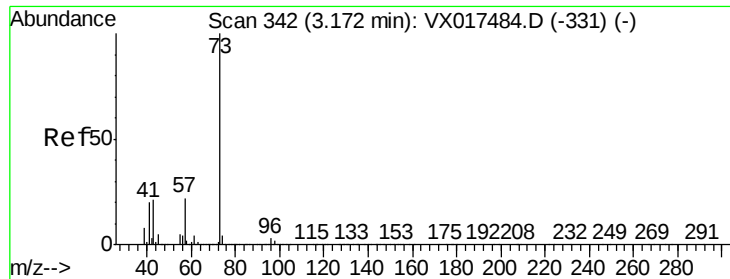
74 22.8 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





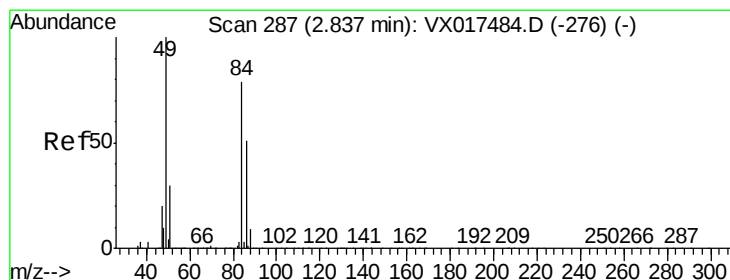
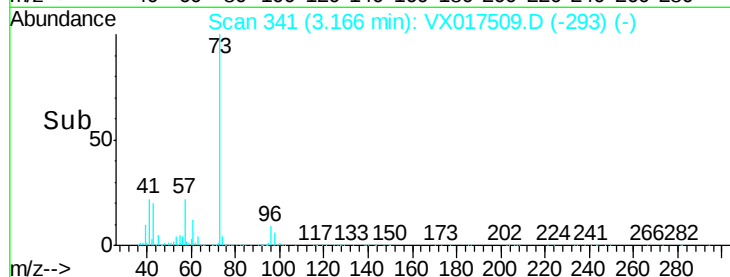
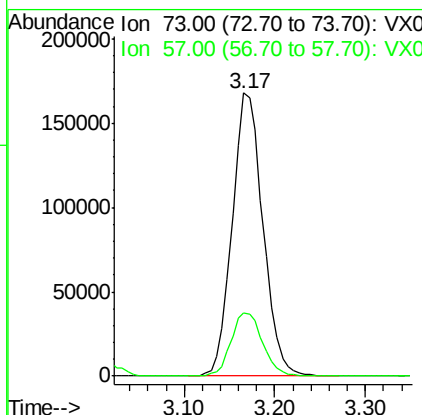
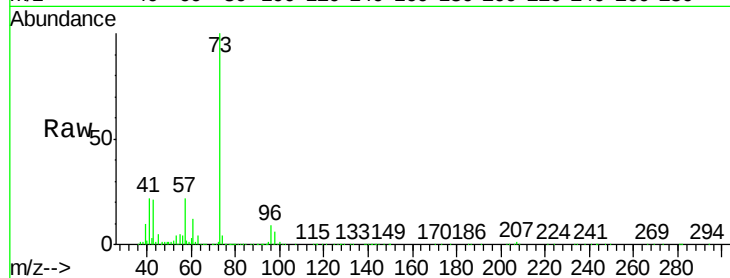
#19
Methvl tert-butvl Ether
Concen: 16.916 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX017509.D
Acq: 23 Jul 2020 22:49

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBSD02

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.4	17.0	25.4

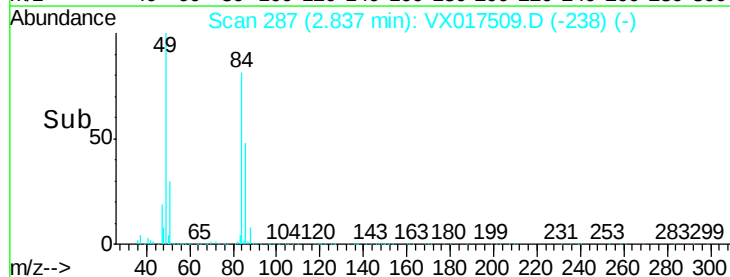
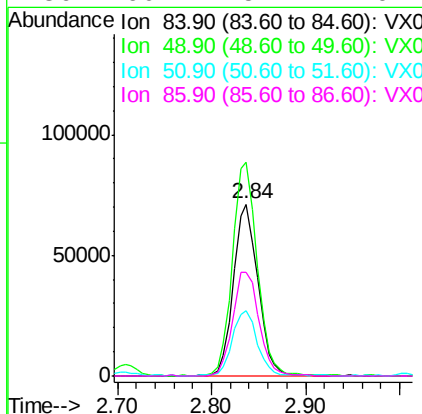
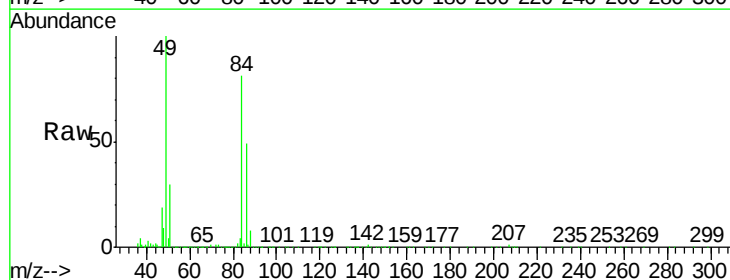
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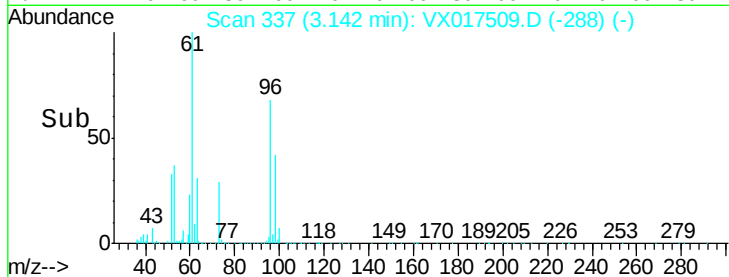
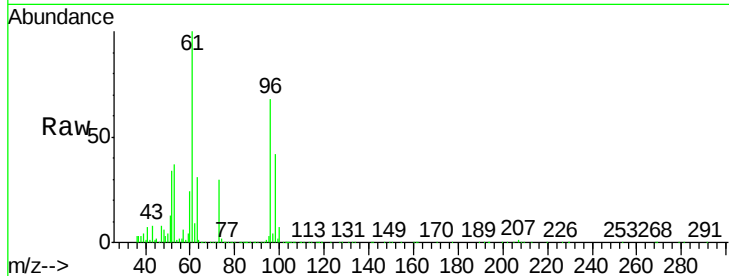
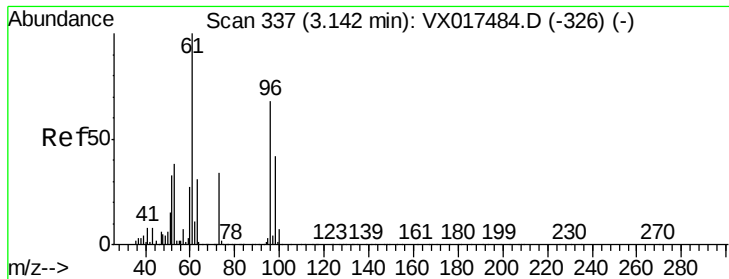
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#20
Methylene Chloride
Concen: 17.781 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017509.D
Acq: 23 Jul 2020 22:49

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.0	100.3	150.5
51	37.4	30.5	45.7
86	60.2	51.1	76.7





#21

trans-1,2-Dichloroethene

Concen: 17.301 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017509.D

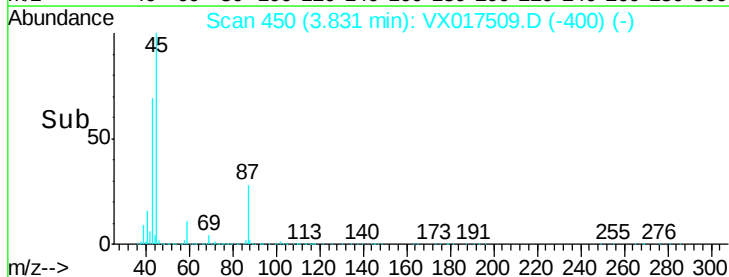
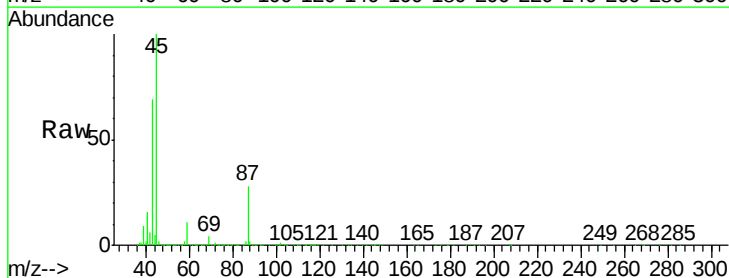
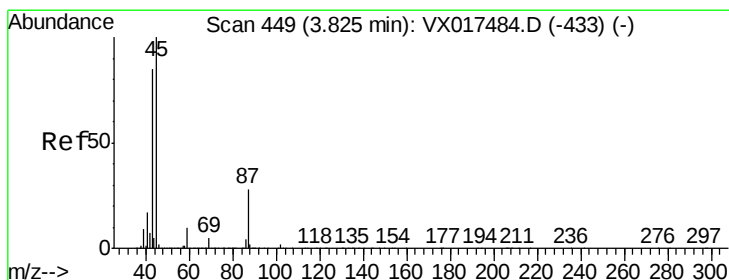
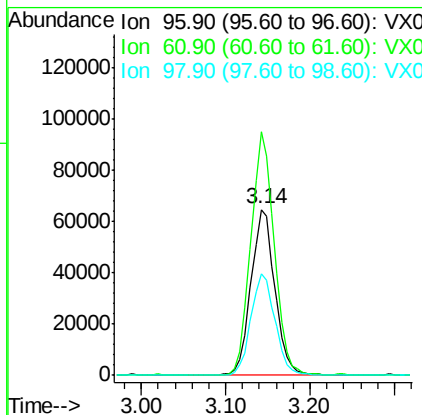
Acq: 23 Jul 2020 22:49

Tot Ion:	96	Resp:	124264
Ion	Ratio	Lower	Upper
96	100		
61	146.5	113.0	169.4
98	61.1	51.8	77.8

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBSD02

Manual Integrations
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#22

Diisopropyl ether

Concen: 18.012 ug/l

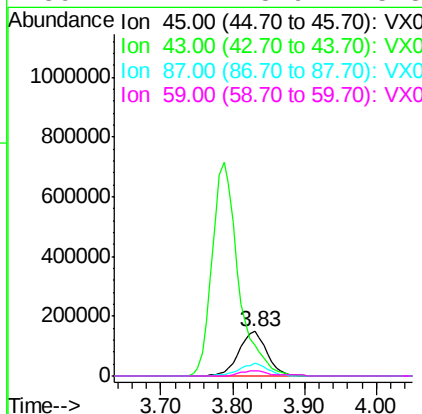
RT: 3.83 min Scan# 450

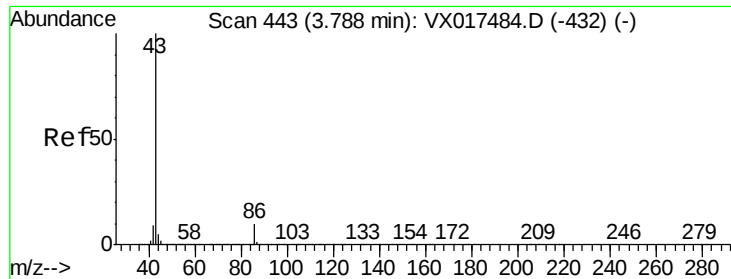
Delta R.T. 0.01 min

Lab File: VX017509.D

Acq: 23 Jul 2020 22:49

Tgt Ion:	45	Resp:	403211
Ion	Ratio	Lower	Upper
45	100		
43	68.0	52.0	78.0
87	28.3	22.2	33.4
59	11.1	8.9	13.3





#23

Vinyl Acetate

Concen: 90.658 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017509.D

Acq: 23 Jul 2020 22:49

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBSD02

Tot Ion: 43 Resp: 1809445

Ion Ratio Lower Upper

43 100

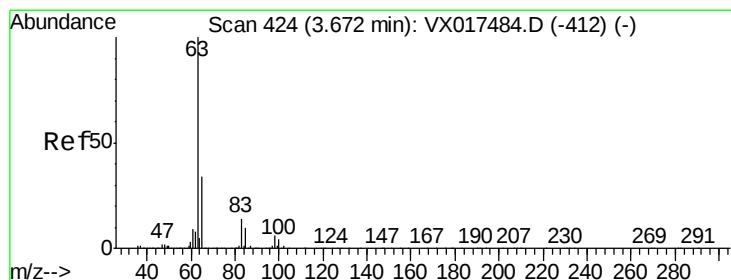
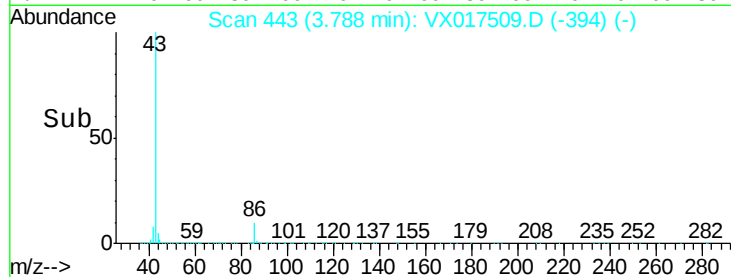
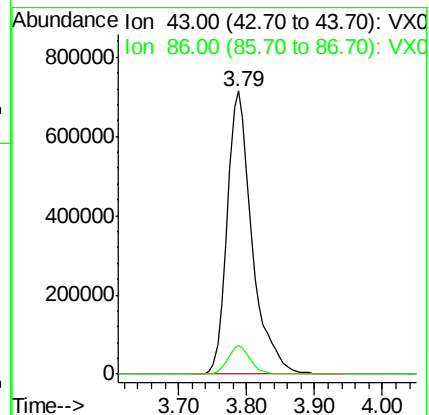
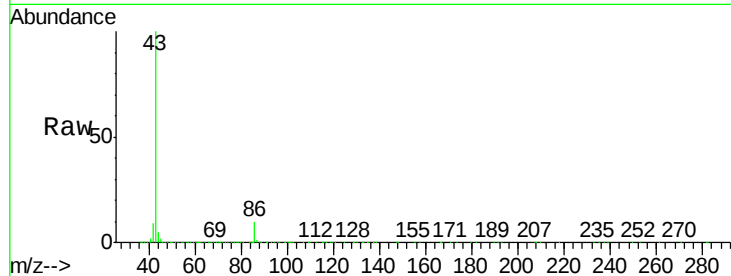
86 10.1 8.2 12.4

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 17.490 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017509.D

Acq: 23 Jul 2020 22:49

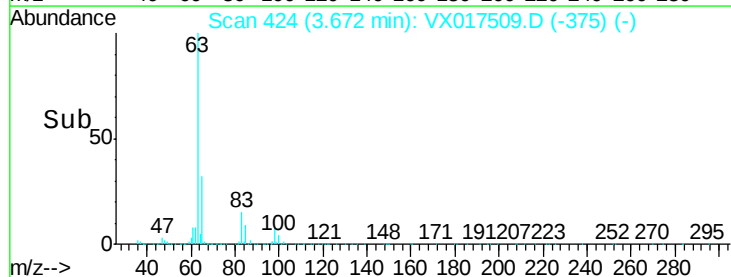
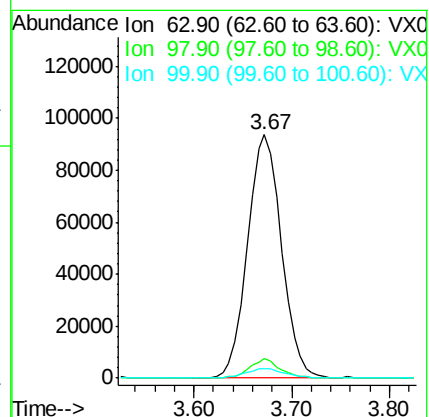
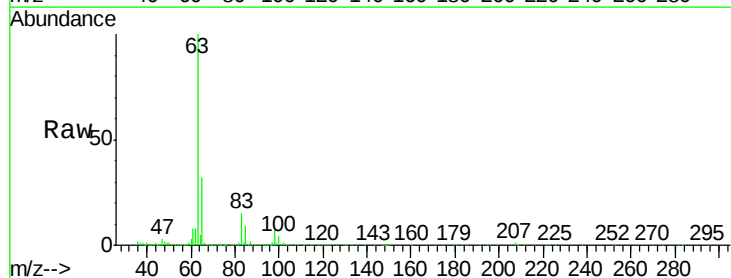
Tgt Ion: 63 Resp: 225531

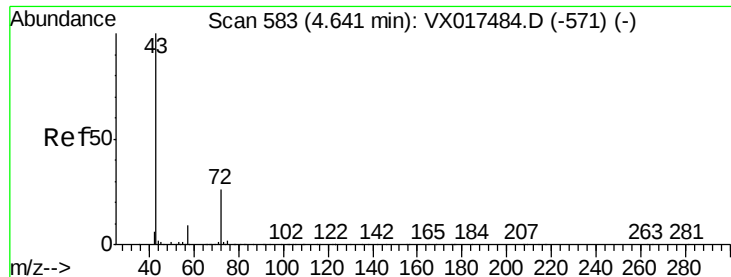
Ion Ratio Lower Upper

63 100

98 7.8 3.4 10.1

100 3.8 1.9 5.7





#25

2-Butanone

Concen: 95.210 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX017509.D

Acq: 23 Jul 2020 22:49

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBSD02

Tot Ion: 43 Resp: 496382

Ion Ratio Lower Upper

43 100

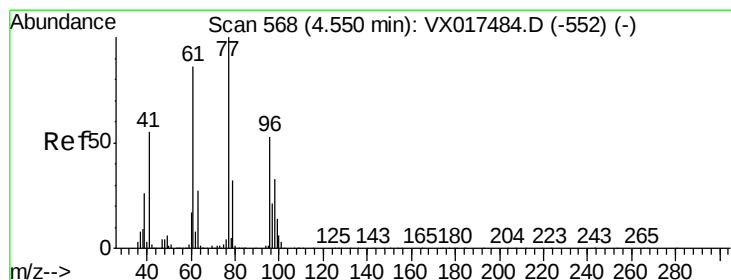
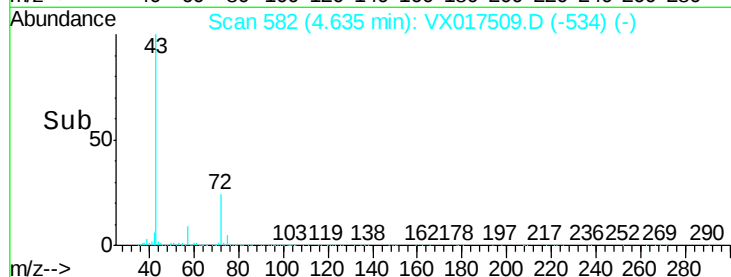
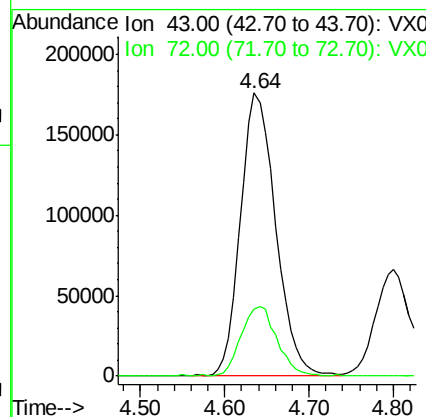
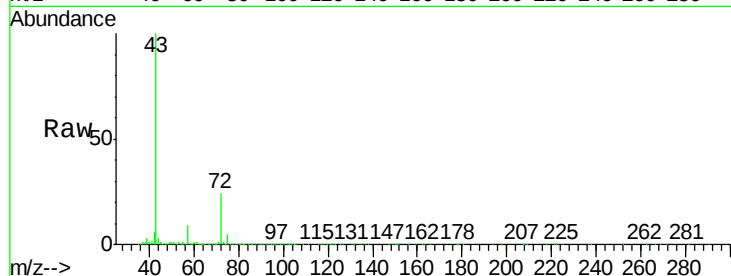
72 23.6 19.0 28.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 14.271 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX017509.D

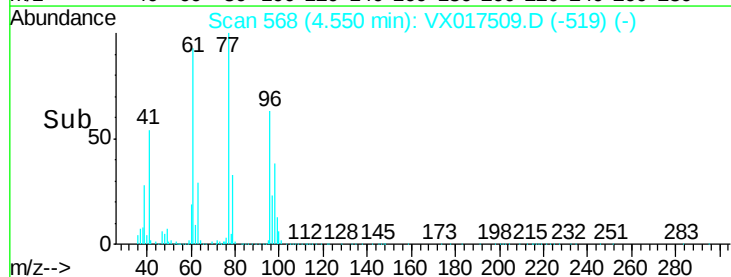
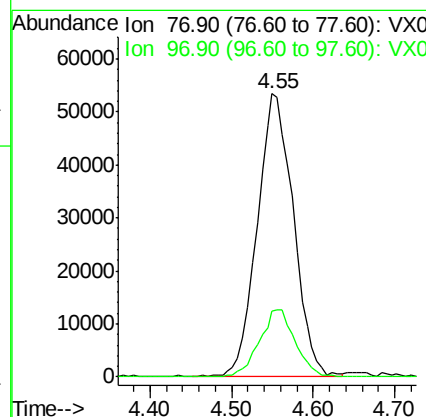
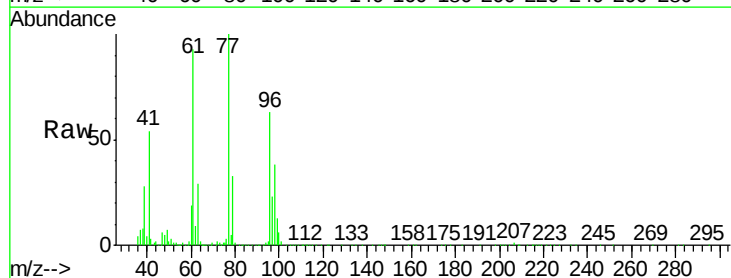
Acq: 23 Jul 2020 22:49

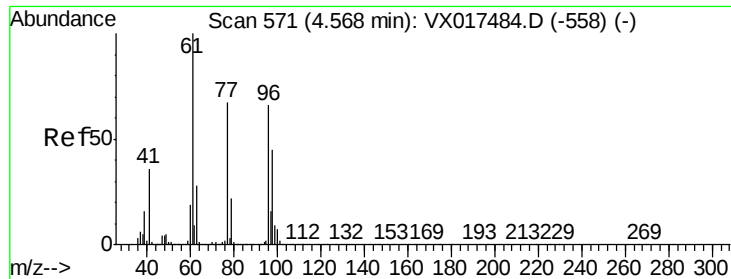
Tgt Ion: 77 Resp: 164730

Ion Ratio Lower Upper

77 100

97 23.6 10.9 32.9





#27

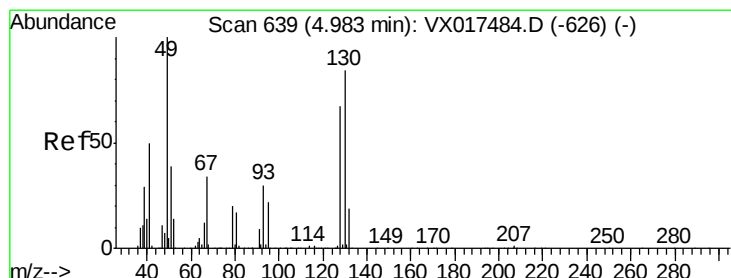
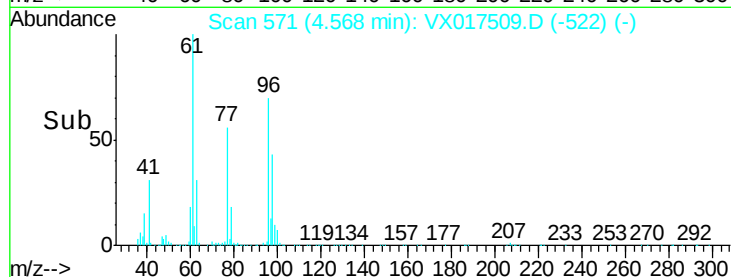
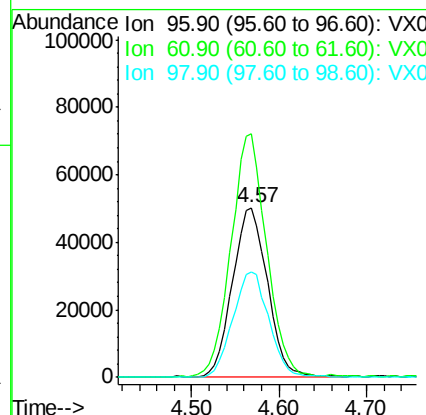
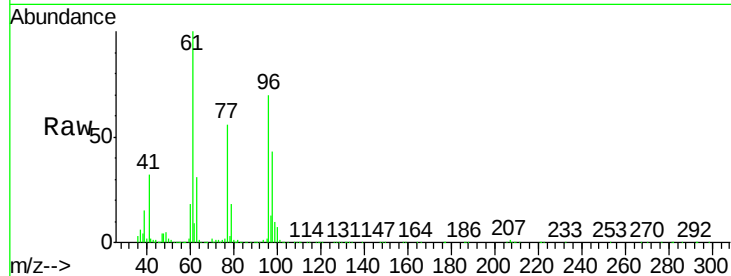
cis-1,2-Dichloroethene
Concen: 17.719 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX017509.D
Acq: 23 Jul 2020 22:49

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	138233		
61	147.5	0.0	301.2	
98	64.7	0.0	130.0	

Manual Integrations
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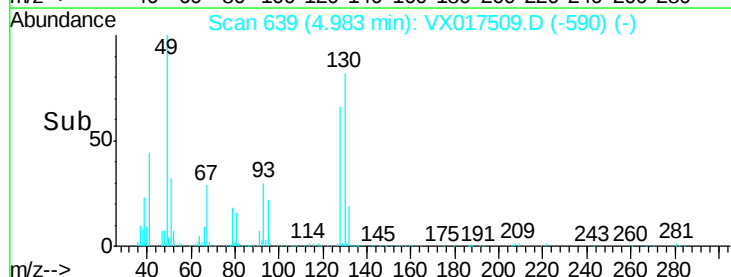
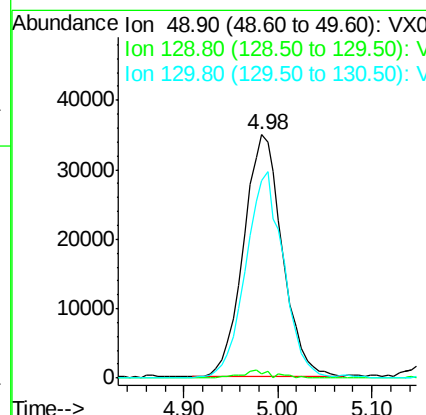
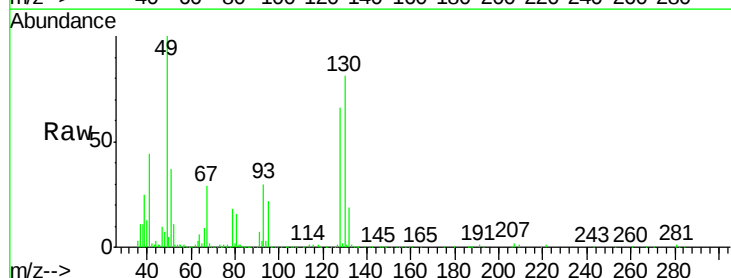
MMDadoda
7/24/2020 9:56:01 AM

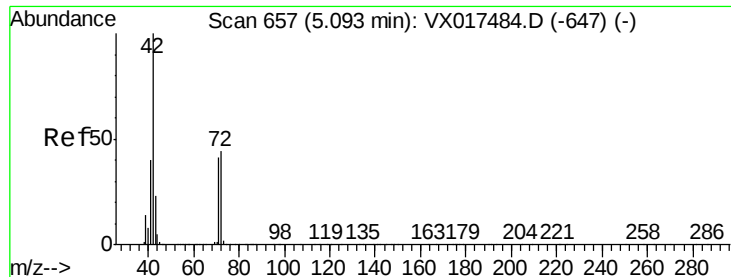


#28

Bromochloromethane
Concen: 17.161 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017509.D
Acq: 23 Jul 2020 22:49

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	100281		
129	2.0	0.0	4.6	
130	83.5	66.7	100.1	





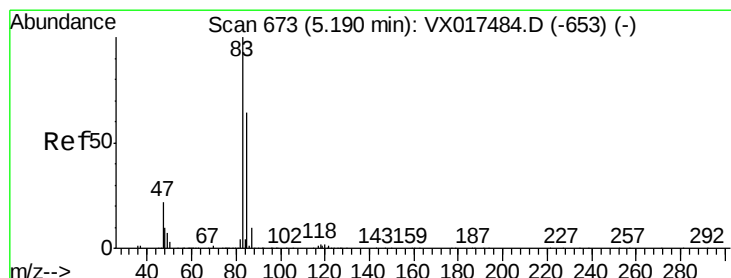
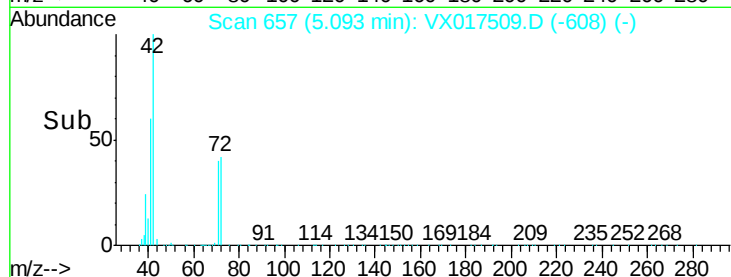
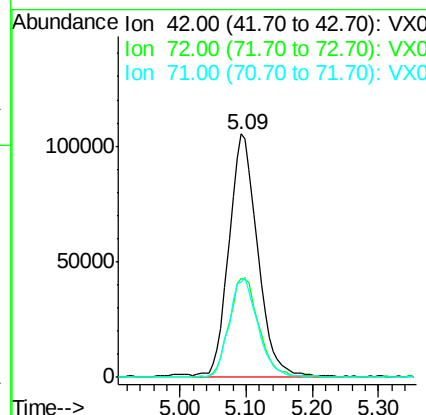
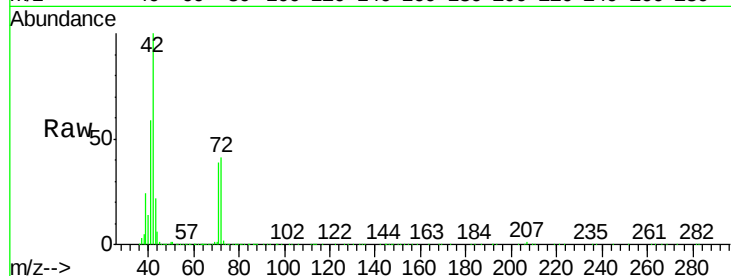
#29
Tetrahydrofuran
Concen: 97.600 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX017509.D
Acq: 23 Jul 2020 22:49

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.7	35.5	53.3
71	41.3	33.0	49.4

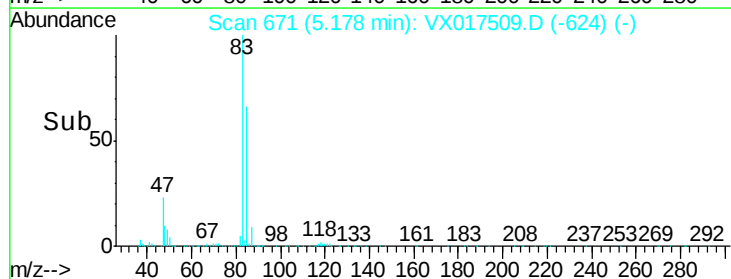
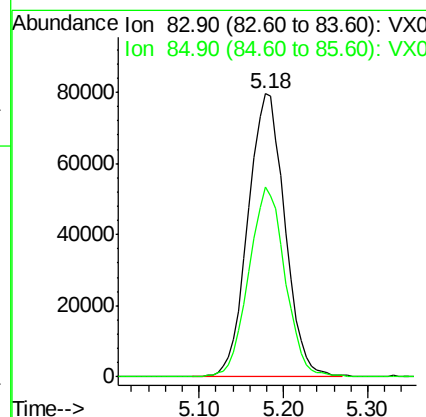
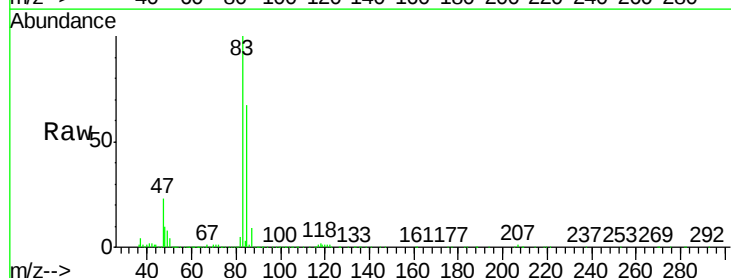
Manual Integrations
APPROVED

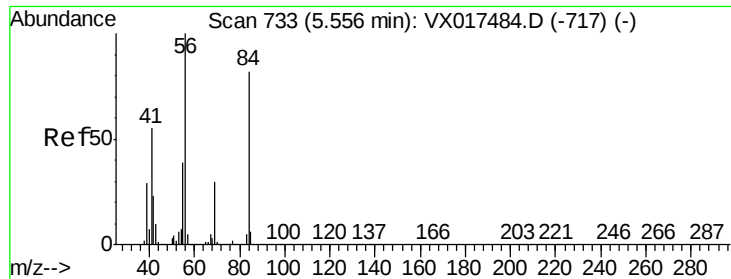
MMDadoda
7/24/2020 9:56:01 AM



#30
Chloroform
Concen: 17.934 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX017509.D
Acq: 23 Jul 2020 22:49

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.9	51.4	77.2





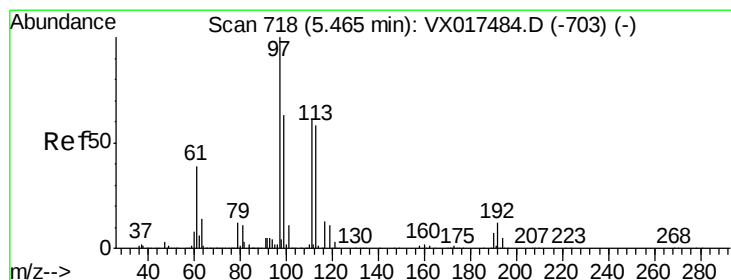
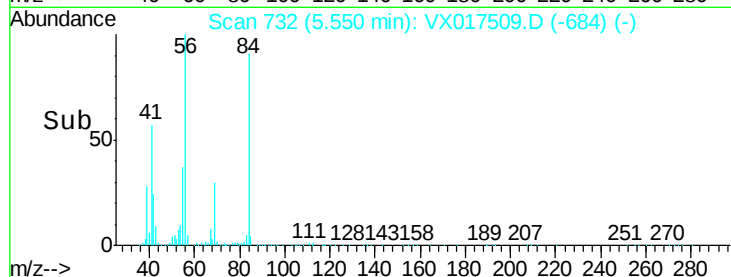
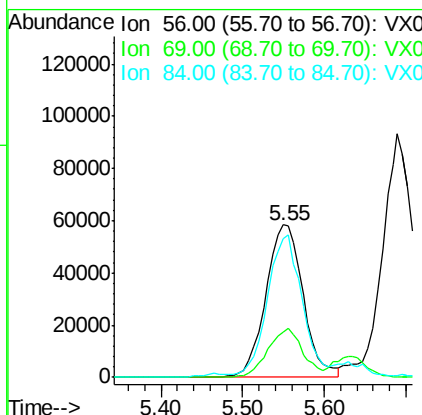
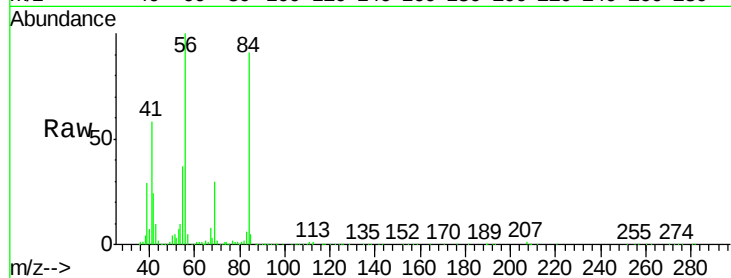
#31
Cyclohexane
Concen: 17.932 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX017509.D
Acq: 23 Jul 2020 22:49

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBSD02

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.6	24.2	36.4
84	90.8	69.0	103.6

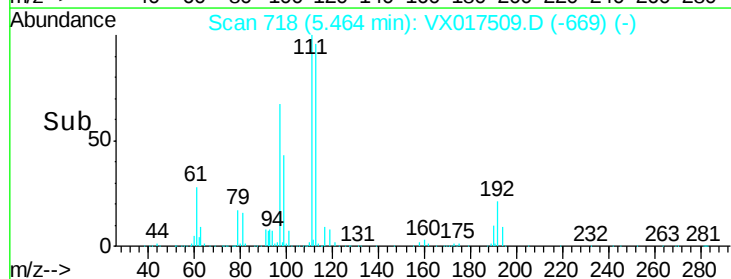
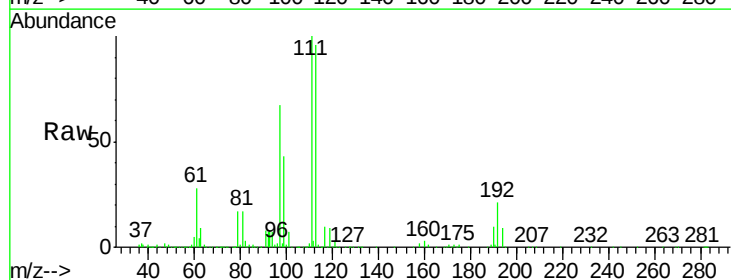
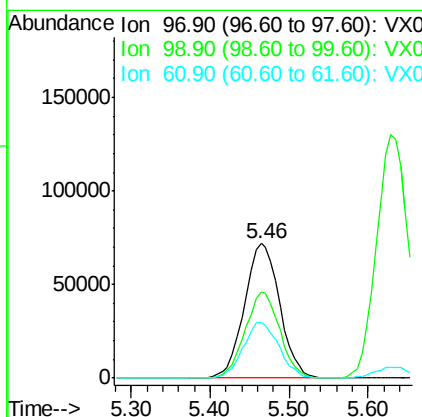
Manual Integrations
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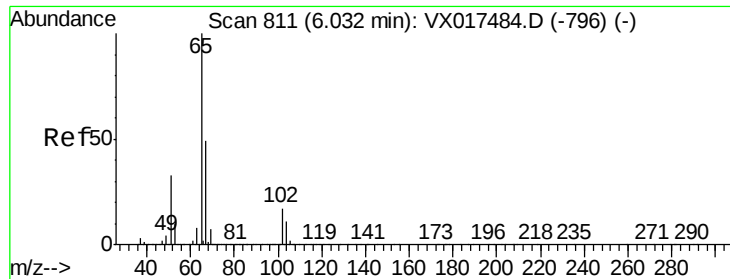
MMDadoda
7/24/2020 9:56:01 AM



#32
1,1,1-Trichloroethane
Concen: 17.927 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX017509.D
Acq: 23 Jul 2020 22:49

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.9	77.9
61	42.1	34.1	51.1





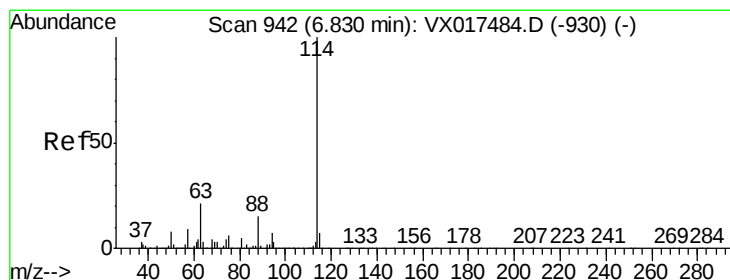
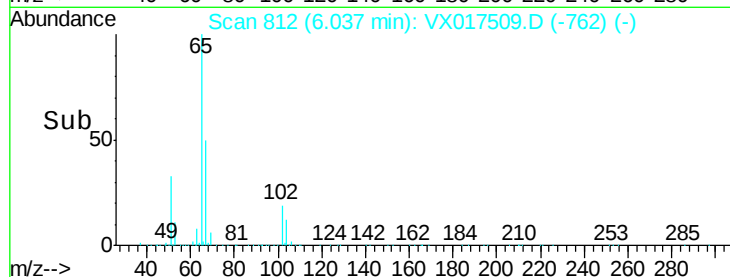
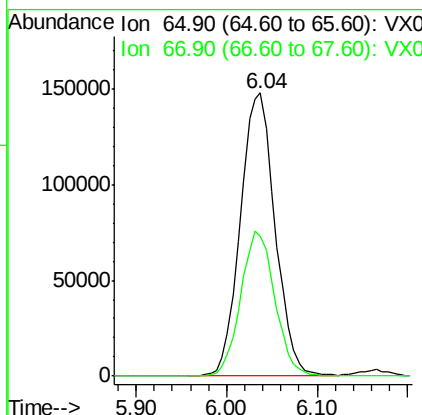
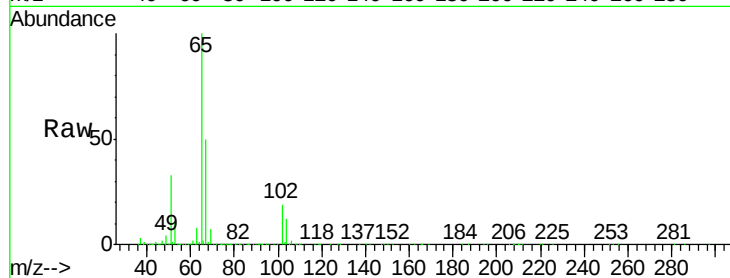
#33
 1,2-Dichloroethane-d4
 Concen: 46.913 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: VX017509.D
 Acq: 23 Jul 2020 22:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	391172		
67	50.2	0.0	102.8	

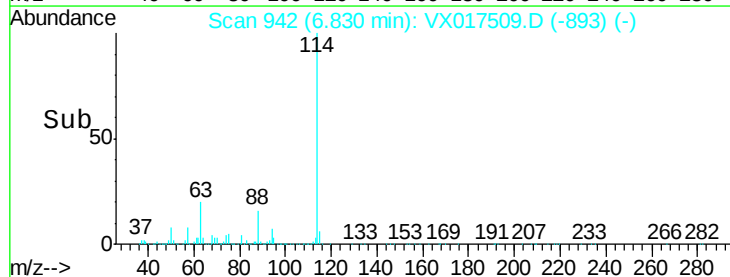
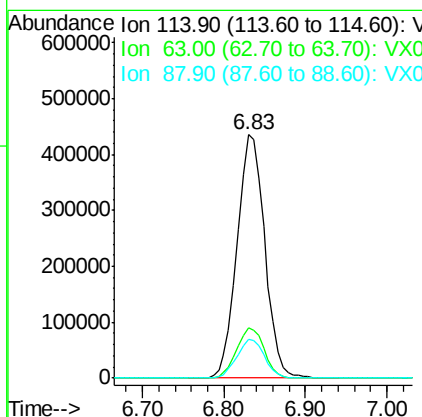
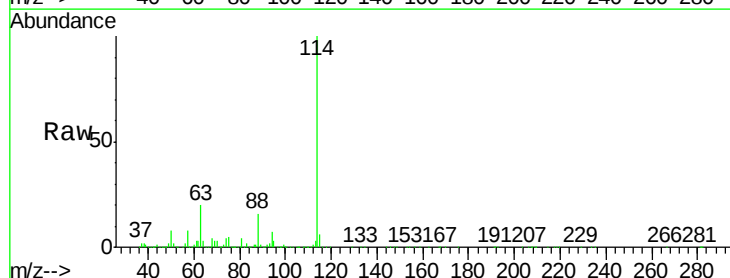
Manual Integrations
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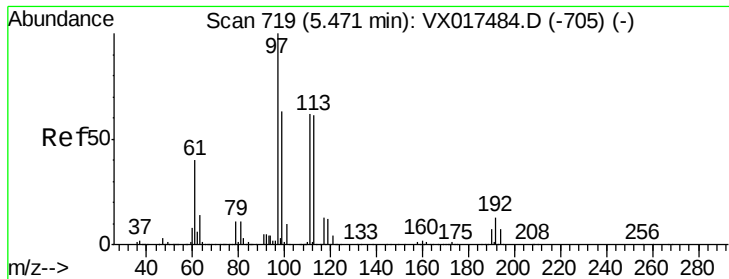
MMDadoda
 7/24/2020 9:56:01 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017509.D
 Acq: 23 Jul 2020 22:49

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	1024498		
63	20.5	0.0	40.6	
88	15.8	0.0	33.4	





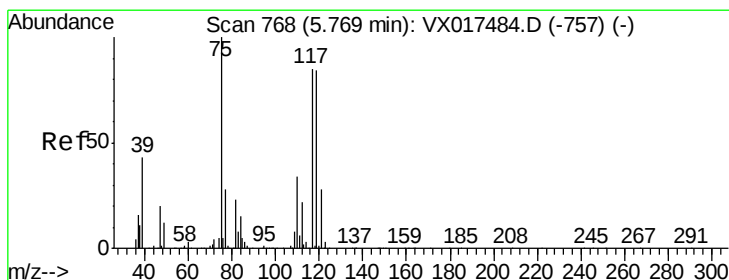
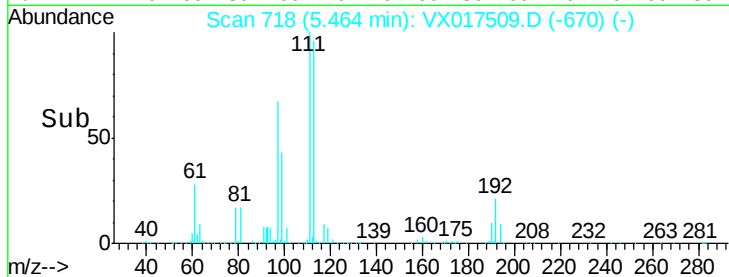
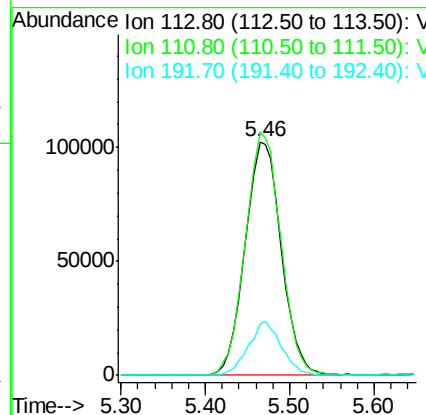
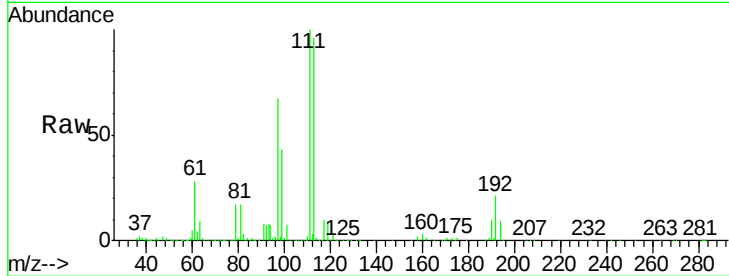
#35
 Dibromofluoromethane
 Concen: 43.450 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX017509.D
 Acq: 23 Jul 2020 22:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	297714		
111	102.3	80.7	121.1	
192	21.2	16.9	25.3	

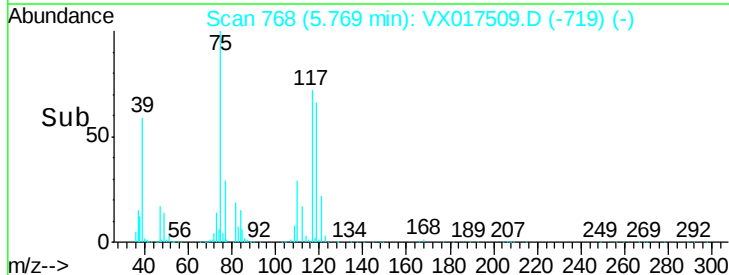
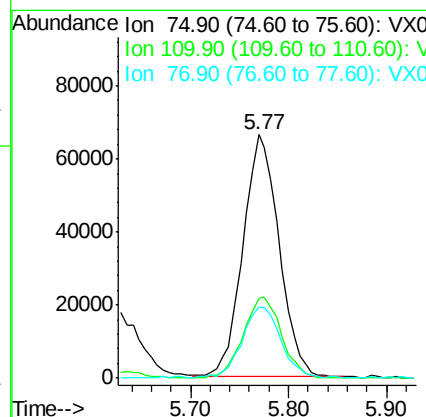
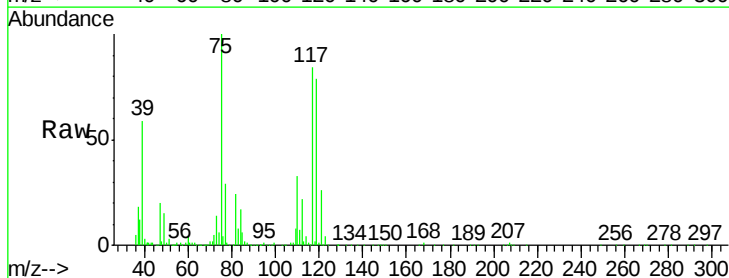
Manual Integrations
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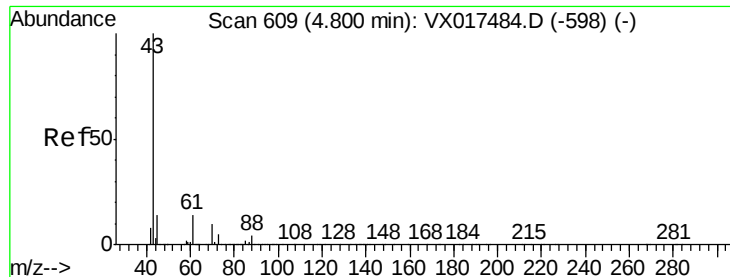
MMDadoda
 7/24/2020 9:56:01 AM



#36
 1,1-Dichloropropene
 Concen: 17.319 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX017509.D
 Acq: 23 Jul 2020 22:49

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	170176		
110	35.0	18.1	54.3	
77	30.9	24.6	37.0	





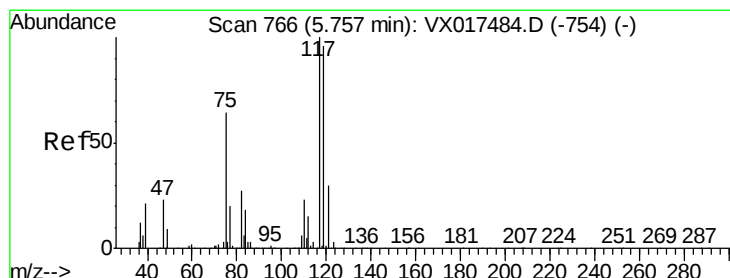
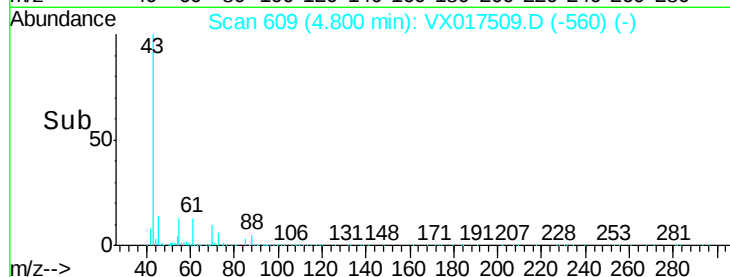
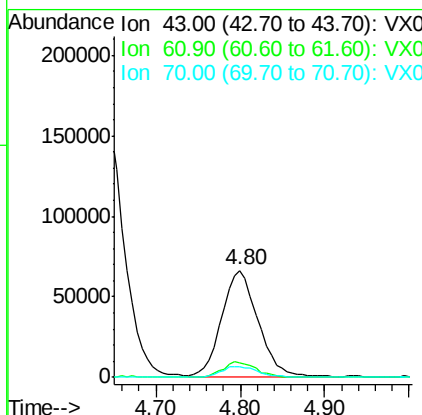
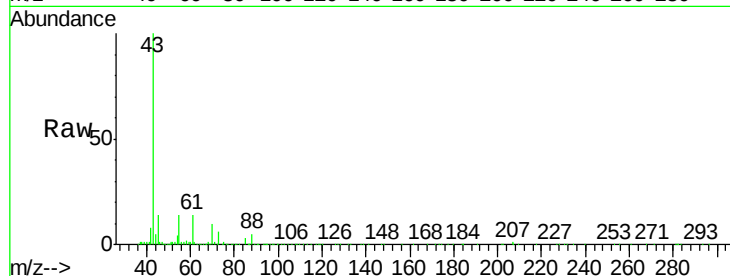
#37
Ethyl Acetate
Concen: 18.000 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX017509.D
Acq: 23 Jul 2020 22:49

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.7	16.1
70	10.4	8.5	12.7

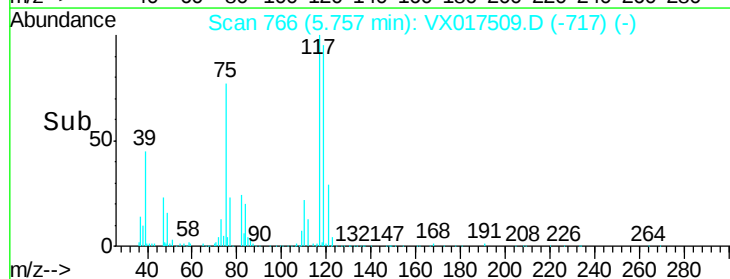
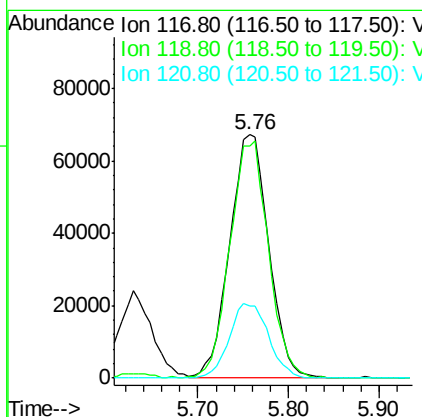
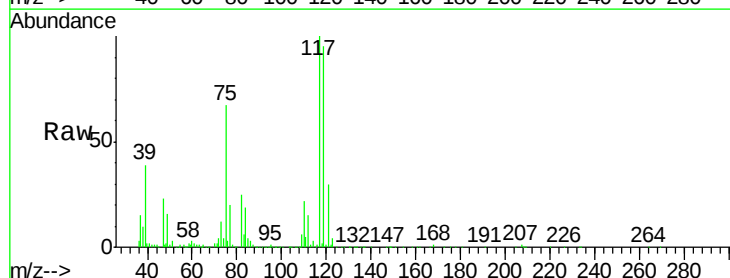
Manual Integrations
APPROVED

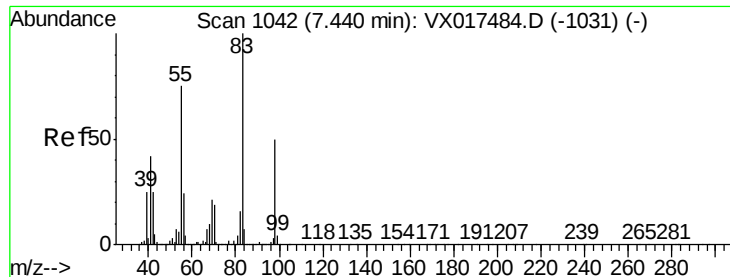
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#38
Carbon Tetrachloride
Concen: 16.723 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX017509.D
Acq: 23 Jul 2020 22:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	75.4	113.0
121	29.7	24.3	36.5





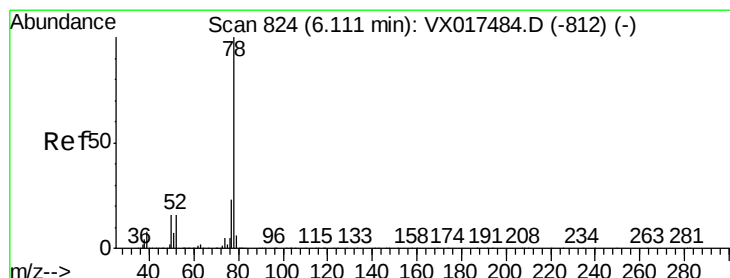
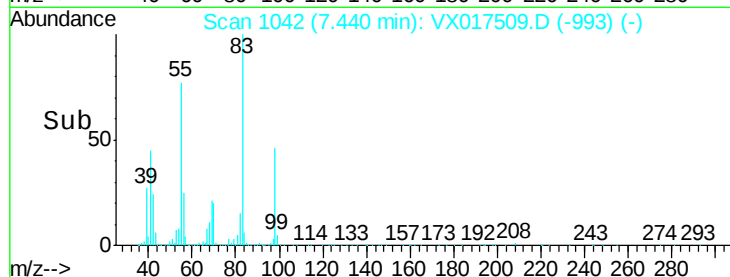
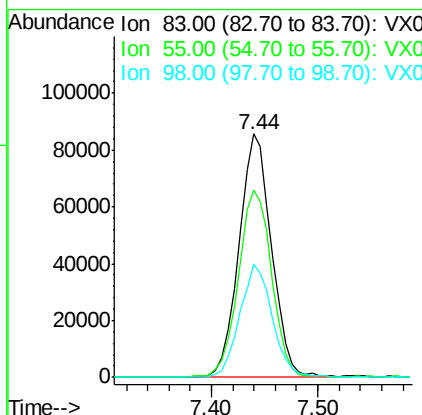
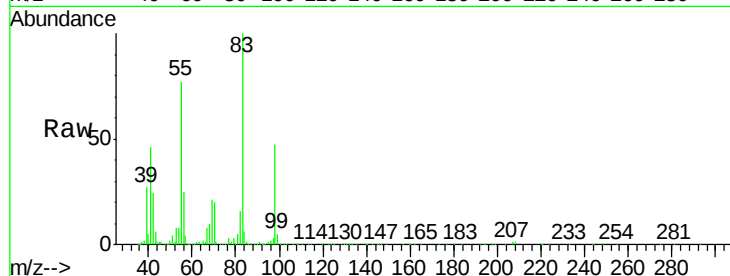
#39
Methvlcvclohexane
Concen: 16.015 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017509.D
Acq: 23 Jul 2020 22:49

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBSD02

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.6	61.8	92.8
98	46.5	36.9	55.3

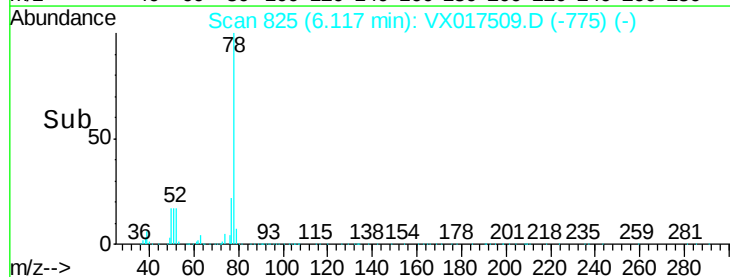
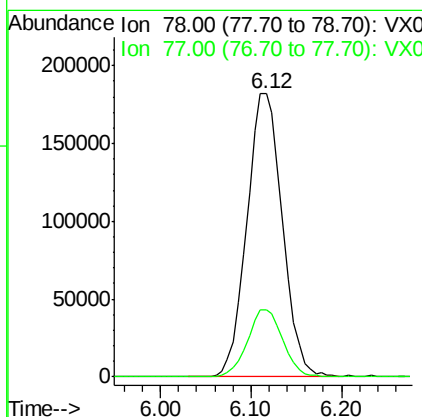
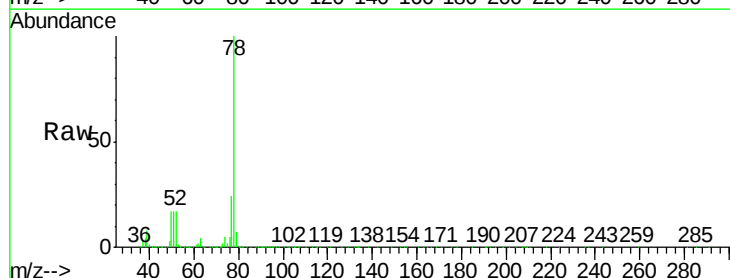
Manual Integrations
APPROVED

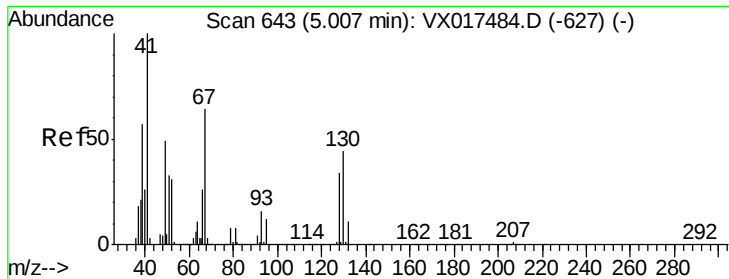
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#40
Benzene
Concen: 17.502 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX017509.D
Acq: 23 Jul 2020 22:49

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.4	29.2





#41

Methacrylonitrile

Concen: 16.760 ug/l

RT: 5.01 min Scan# 643

Delta R.T. -0.00 min

Lab File: VX017509.D

Acq: 23 Jul 2020 22:49

Instrument :

MSVOA_X

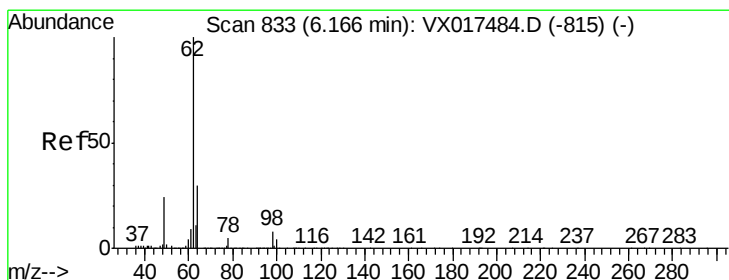
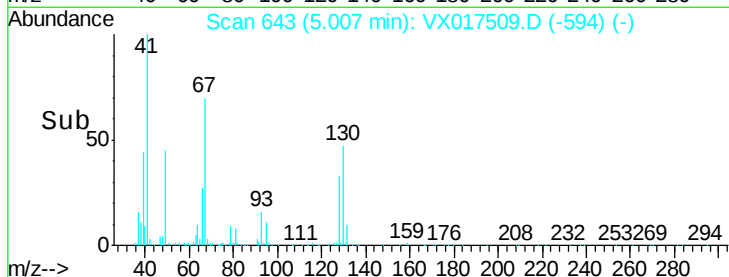
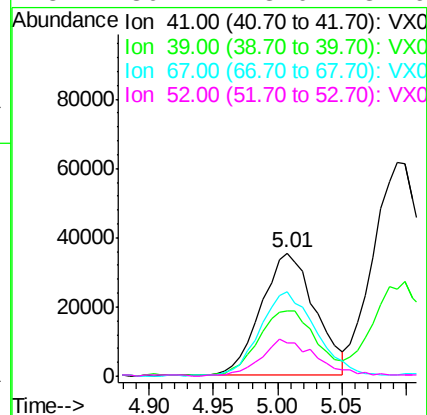
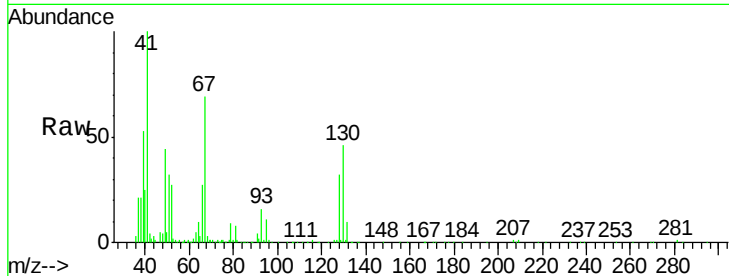
ClientSampleId :

VX0723WBSD02

Tot Ion	Ratio	Lower	Upper
41	100		
39	57.7	43.9	65.9
67	71.1	54.0	81.0
52	30.2	23.0	34.6

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 17.477 ug/l

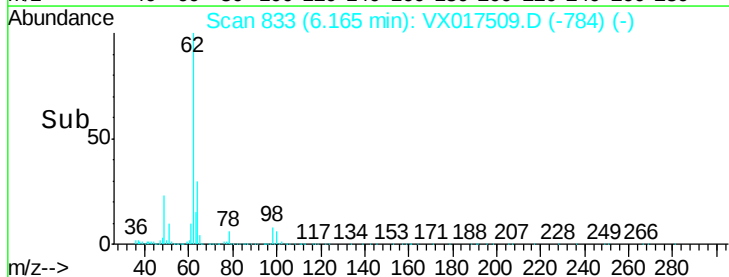
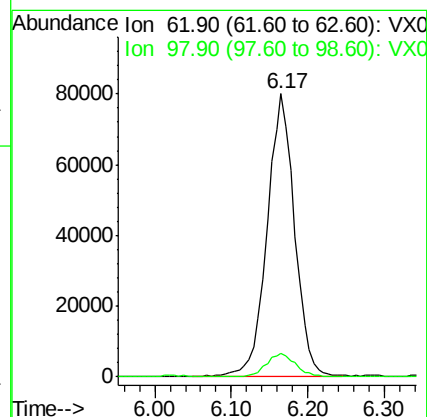
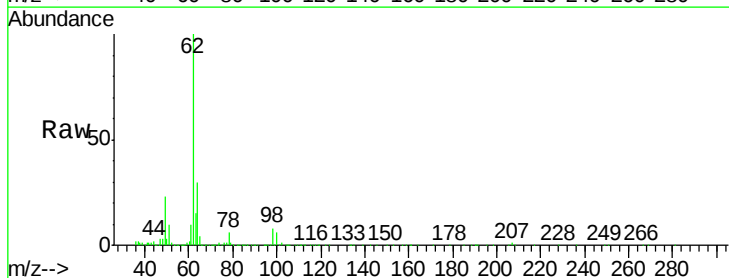
RT: 6.17 min Scan# 833

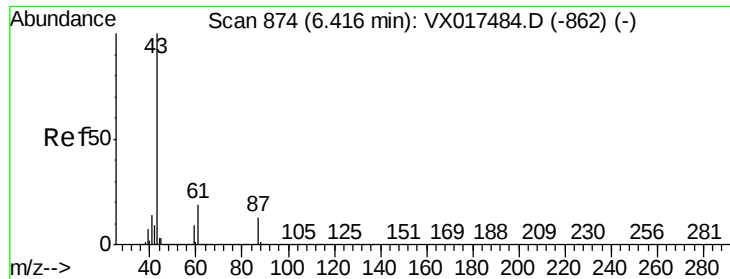
Delta R.T. -0.00 min

Lab File: VX017509.D

Acq: 23 Jul 2020 22:49

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	16.0





#43

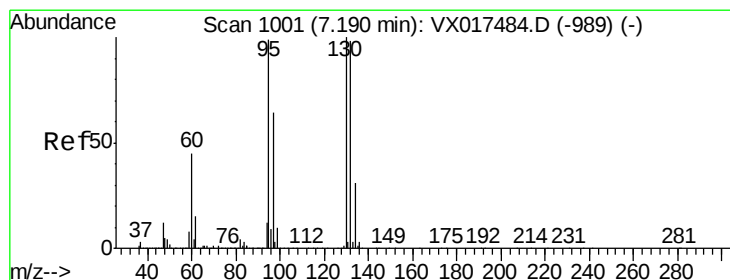
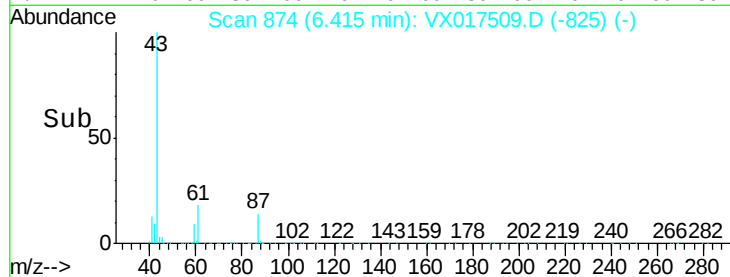
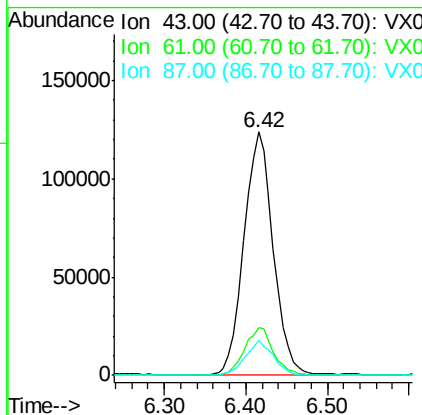
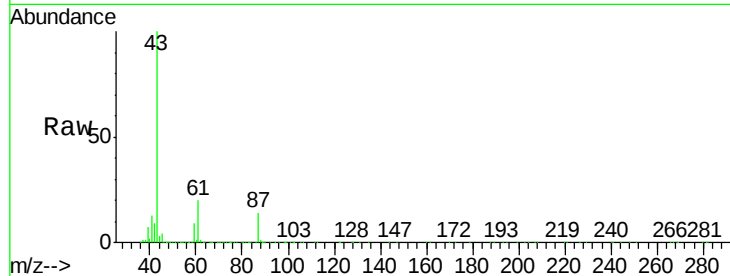
Isopropyl Acetate
 Concen: 17.343 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX017509.D
 Acq: 23 Jul 2020 22:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.7	15.5	23.3
87	13.8	10.5	15.7

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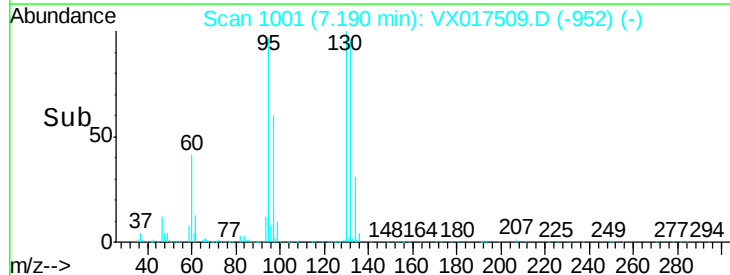
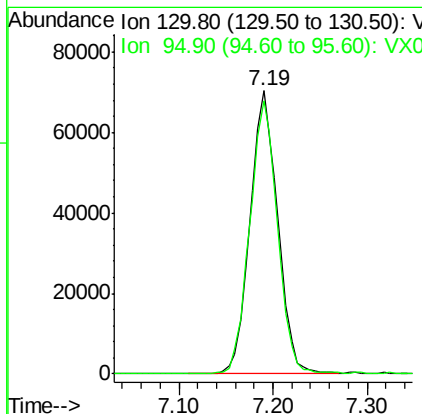
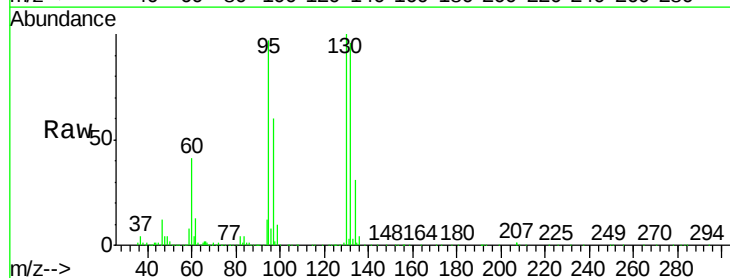
MMDadoda
 7/24/2020 9:56:01 AM

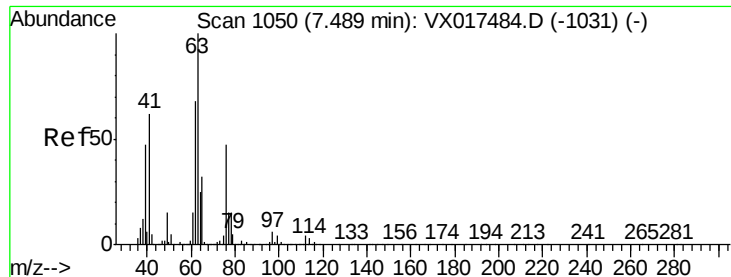


#44

Trichloroethene
 Concen: 17.660 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX017509.D
 Acq: 23 Jul 2020 22:49

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.5	0.0	189.0





#45

1,2-Dichloropropane

Concen: 16.923 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VX017509.D

Acq: 23 Jul 2020 22:49

Instrument :

MSVOA_X

ClientSampled :

VX0723WBSD02

Tot Ion: 63 Resp: 132153

Ion Ratio Lower Upper

63 100

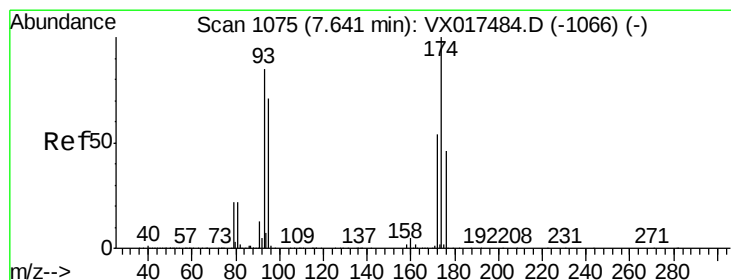
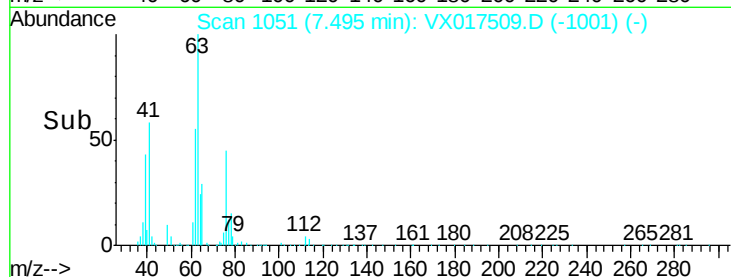
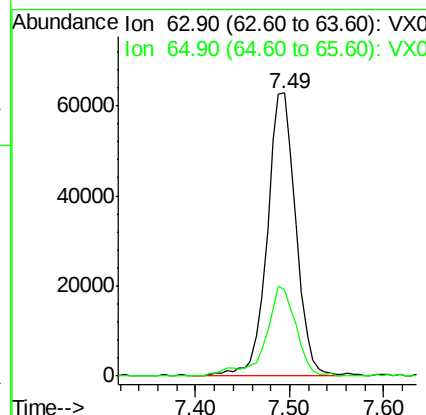
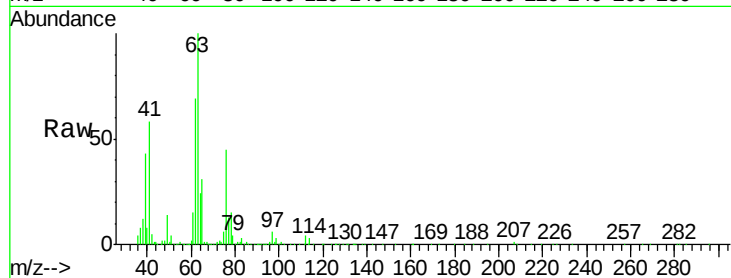
65 30.5 24.5 36.7

Manual Integrations

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#46

Dibromomethane

Concen: 16.754 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX017509.D

Acq: 23 Jul 2020 22:49

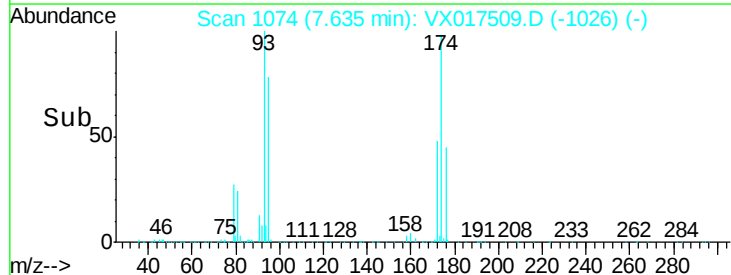
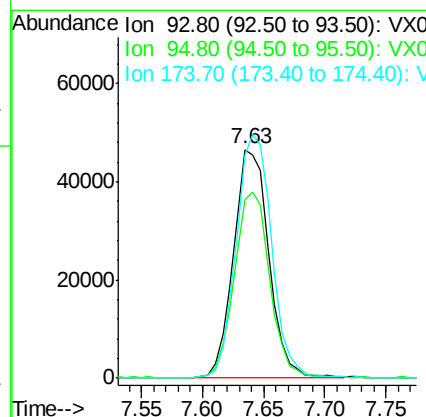
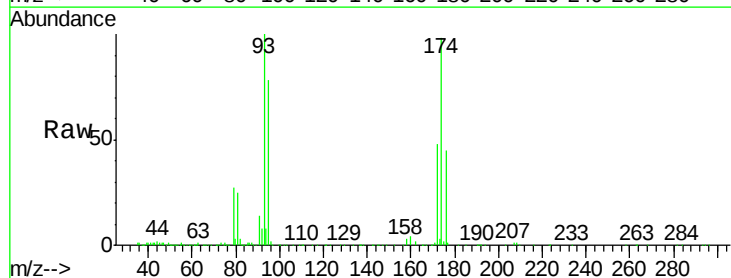
Tgt Ion: 93 Resp: 92464

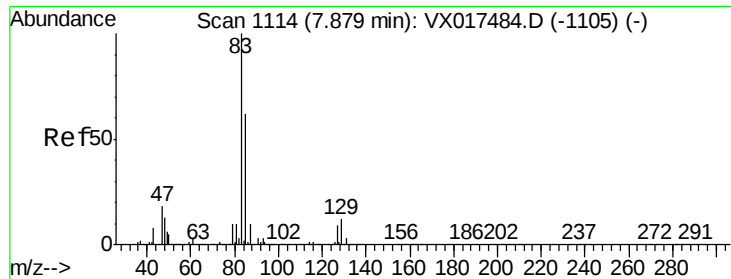
Ion Ratio Lower Upper

93 100

95 82.7 66.6 99.8

174 108.2 87.0 130.6





#47

Bromodichloromethane

Concen: 17.209 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017509.D

Acq: 23 Jul 2020 22:49

Instrument :

MSVOA_X

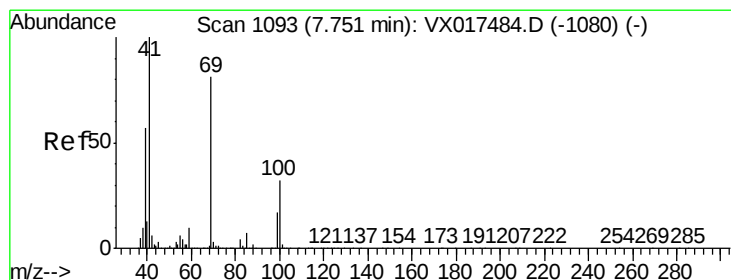
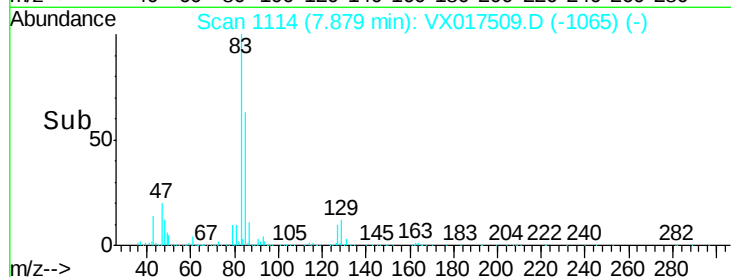
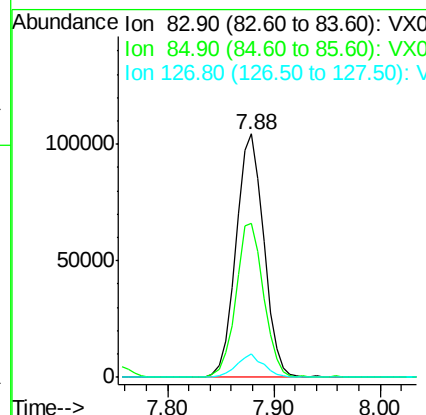
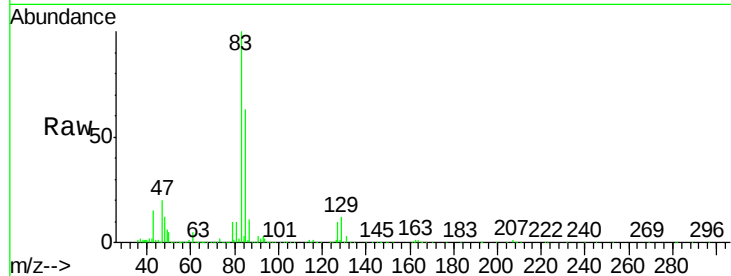
ClientSampleId :

VX0723WBSD02

Tot Ion	83	Resp	191102
Ion Ratio	Lower	Upper	
83	100		
85	63.2	51.8	77.8
127	9.6	7.4	11.2

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#48

Methyl methacrylate

Concen: 17.558 ug/l

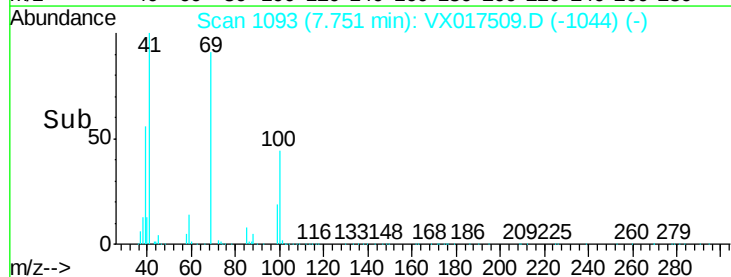
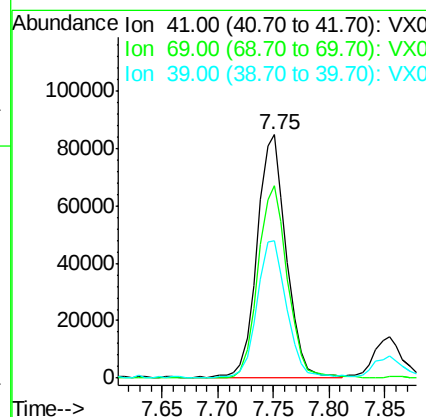
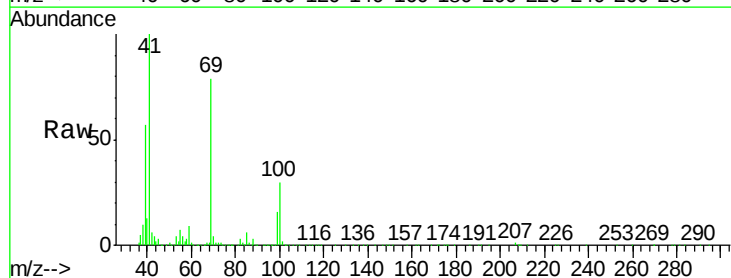
RT: 7.75 min Scan# 1093

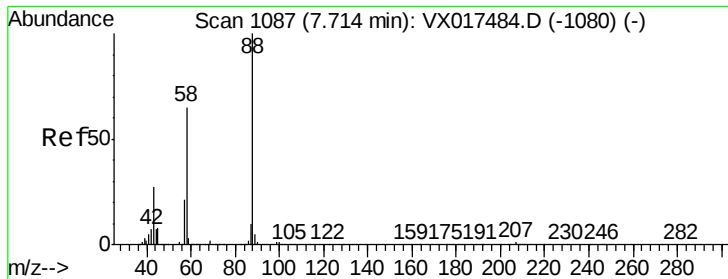
Delta R.T. -0.00 min

Lab File: VX017509.D

Acq: 23 Jul 2020 22:49

Tgt Ion	41	Resp	154384
Ion Ratio	Lower	Upper	
41	100		
69	80.4	63.1	94.7
39	57.2	45.1	67.7





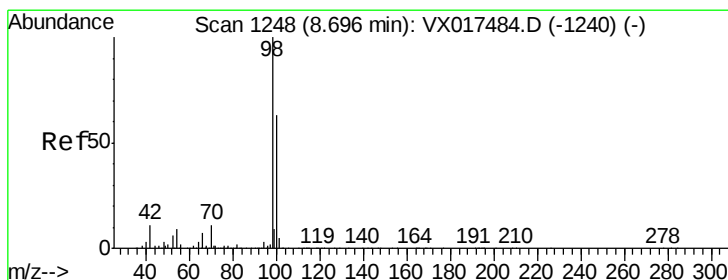
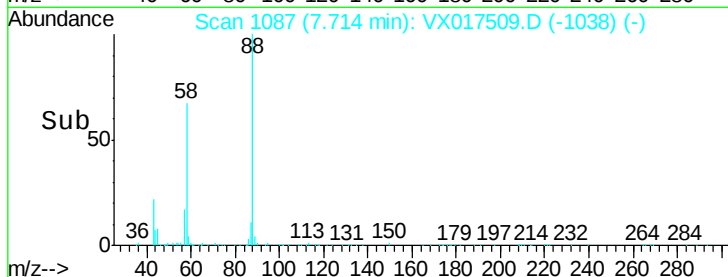
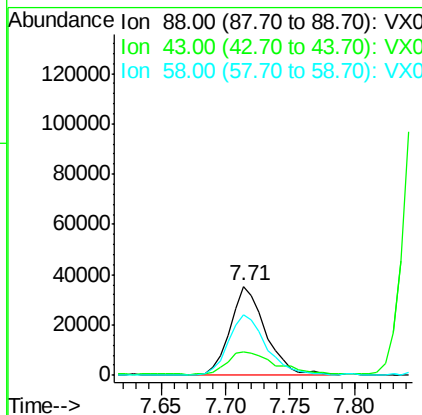
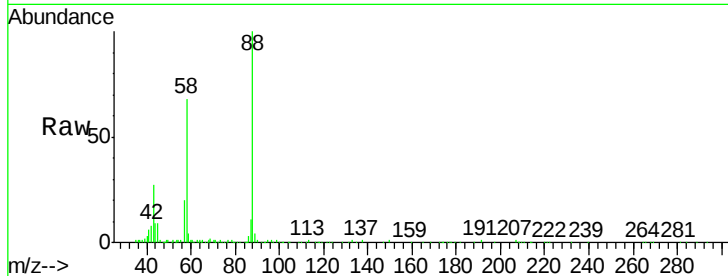
#49
1,4-Dioxane
Concen: 404.622 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017509.D
Acq: 23 Jul 2020 22:49

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBSD02

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.3	27.8	41.6
58	73.4	58.3	87.5

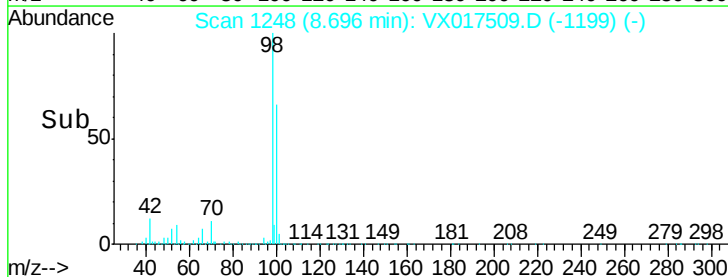
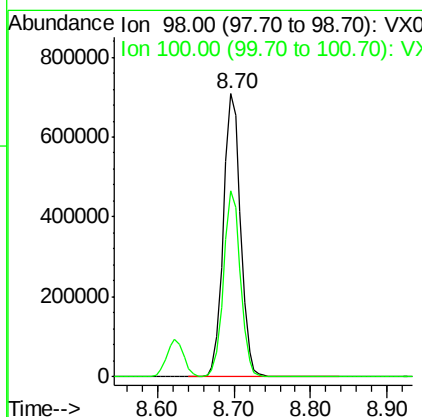
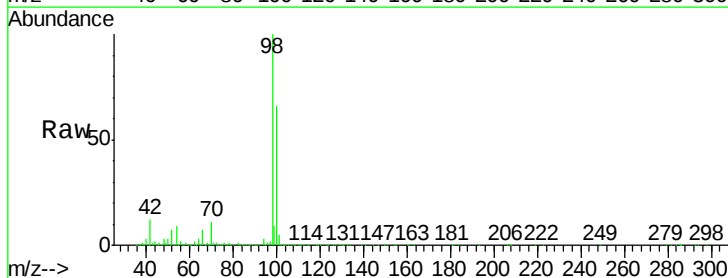
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#50
Toluene-d8
Concen: 44.527 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017509.D
Acq: 23 Jul 2020 22:49

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.3	78.5





#51

4-Methyl-2-Pentanone

Concen: 92.842 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017509.D

Acq: 23 Jul 2020 22:49

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBSD02

Tot Ion: 43 Resp: 982627

Ion Ratio Lower Upper

43 100

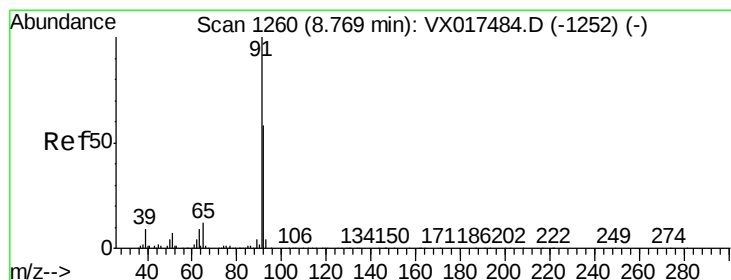
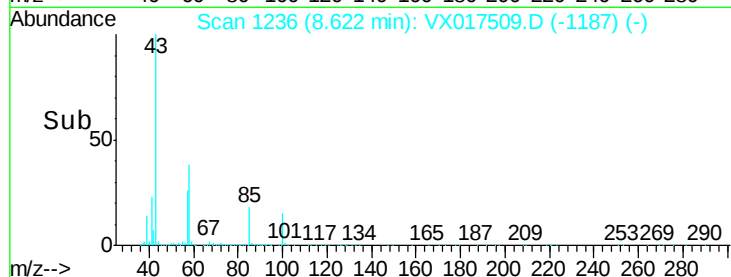
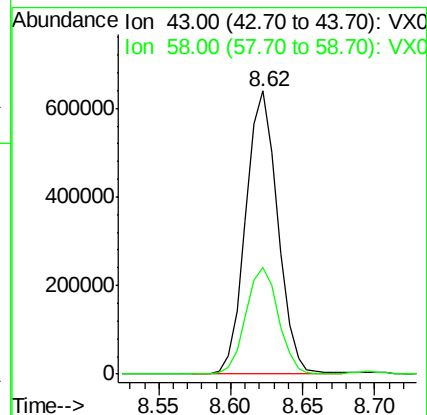
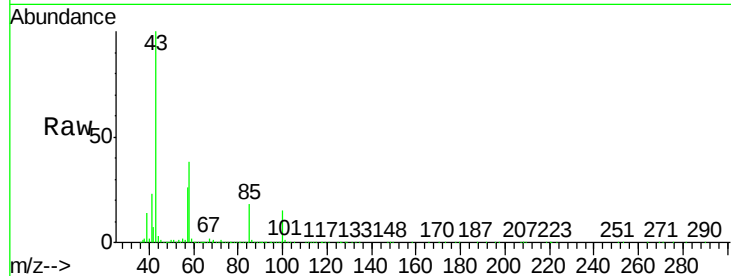
58 38.2 31.0 46.4

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#52

Toluene

Concen: 17.517 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX017509.D

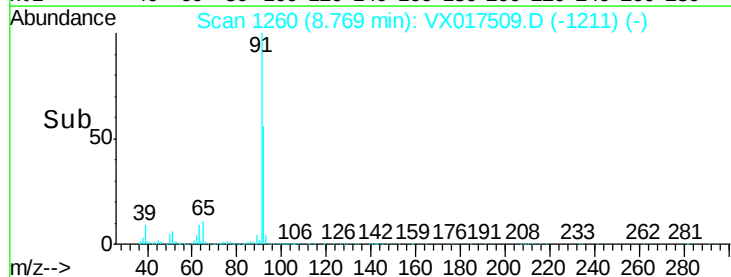
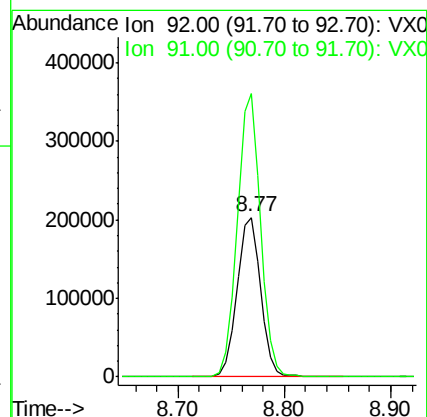
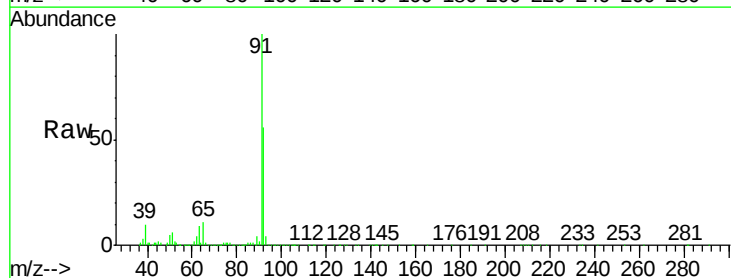
Acq: 23 Jul 2020 22:49

Tgt Ion: 92 Resp: 316464

Ion Ratio Lower Upper

92 100

91 174.7 137.6 206.4





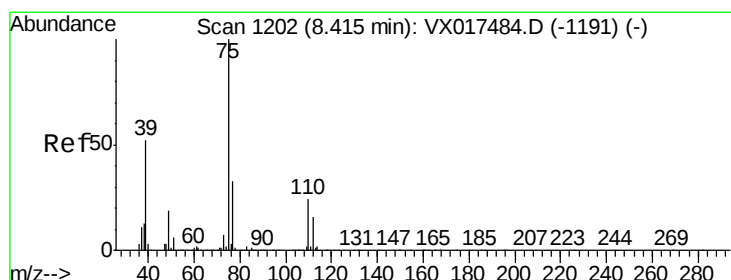
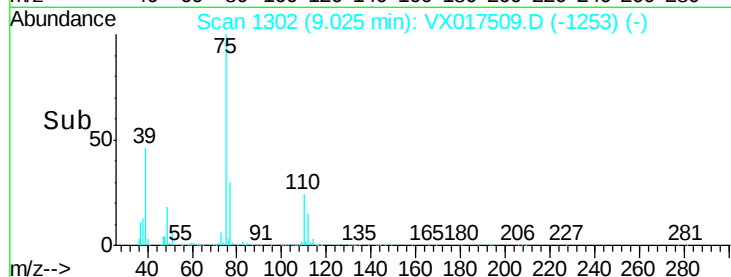
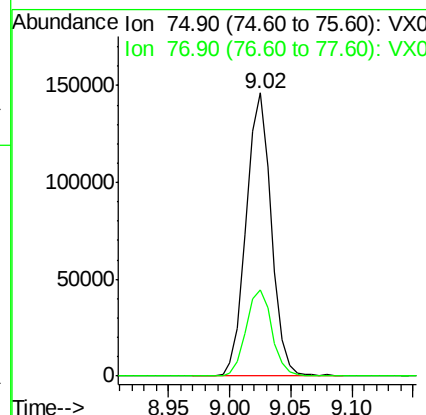
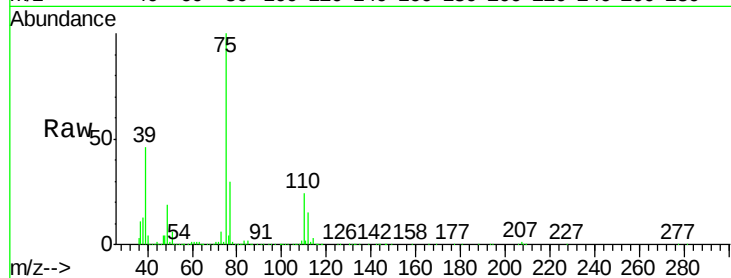
#53
t-1,3-Dichloropropene
Concen: 16.775 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX017509.D
Acq: 23 Jul 2020 22:49

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.2	25.5	38.3

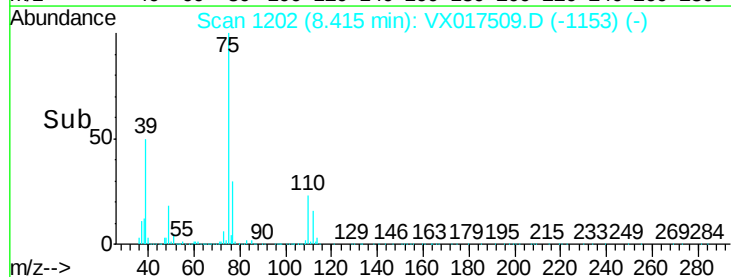
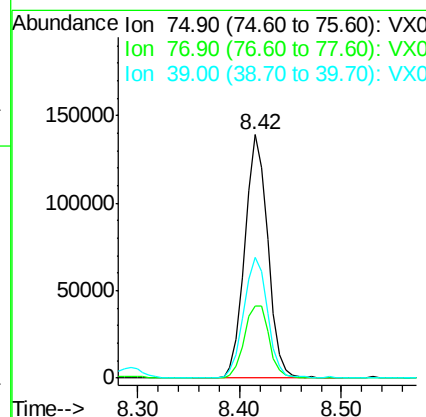
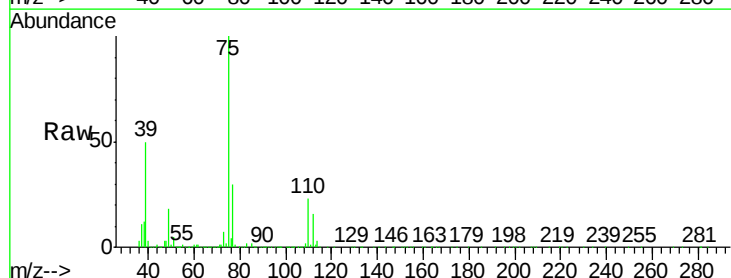
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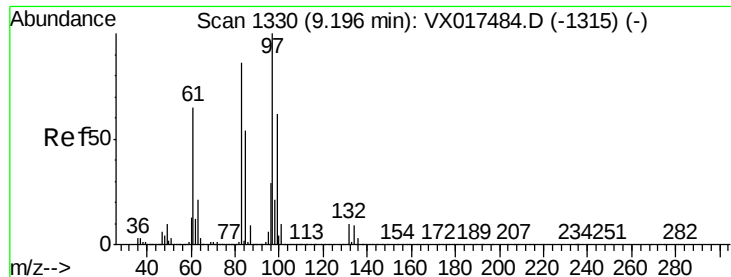
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#54
cis-1,3-Dichloropropene
Concen: 17.030 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX017509.D
Acq: 23 Jul 2020 22:49

Tgt Ion	Ratio	Lower	Upper
75	100		
77	29.6	25.5	38.3
39	49.3	41.8	62.8





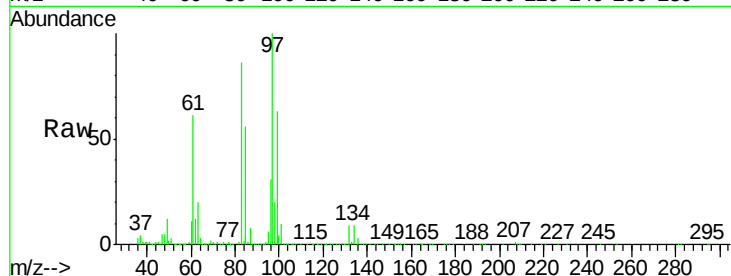
#55
 1,1,2-Trichloroethane
 Concen: 17.925 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017509.D
 Acq: 23 Jul 2020 22:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBSD02

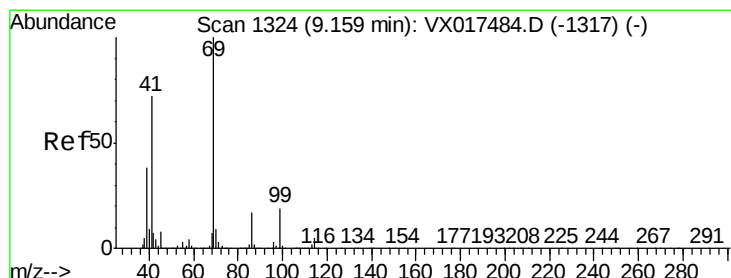
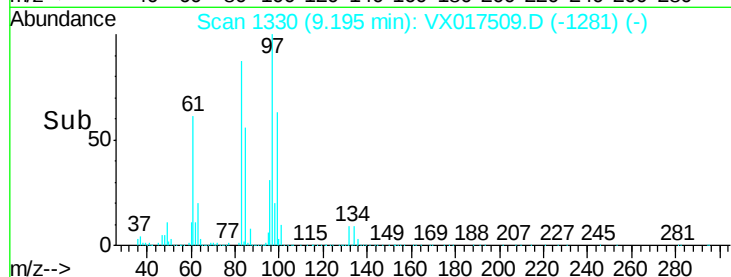
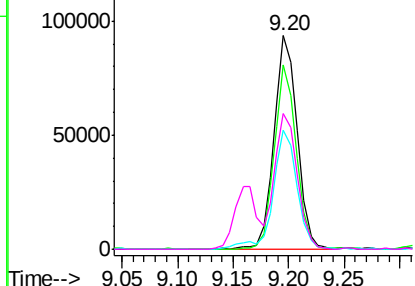
Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		134901		
83	86.2	67.6	101.4		
85	55.7	44.6	67.0		
99	63.2	50.2	75.4		

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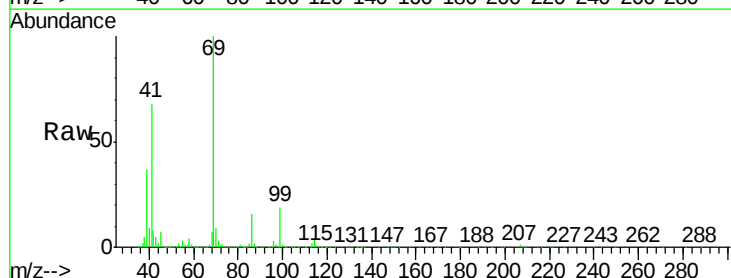


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

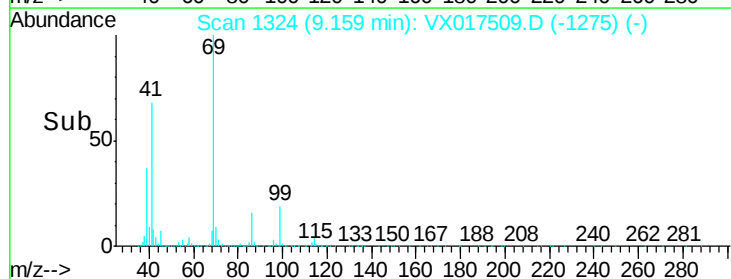
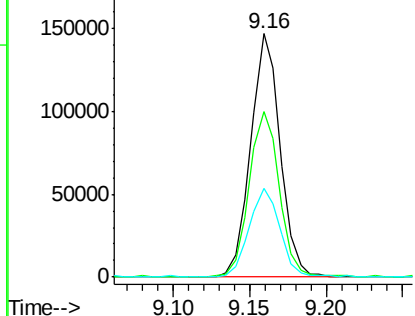


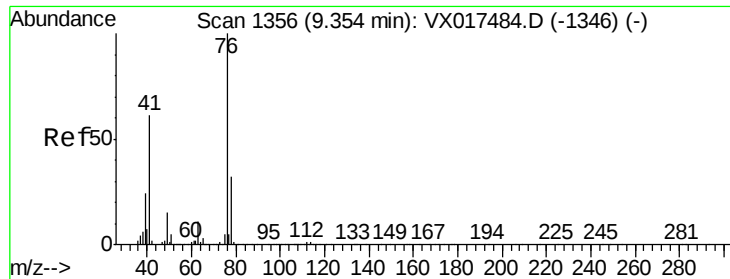
#56
 Ethyl methacrylate
 Concen: 17.317 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017509.D
 Acq: 23 Jul 2020 22:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		196349		
41	69.4	55.0	82.6		
39	37.5	30.0	45.0		



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 18.211 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017509.D

Acq: 23 Jul 2020 22:49

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBSD02

Tot Ion: 76 Resp: 225682

Ion Ratio Lower Upper

76 100

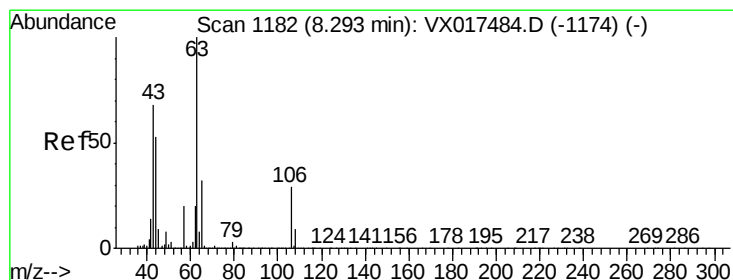
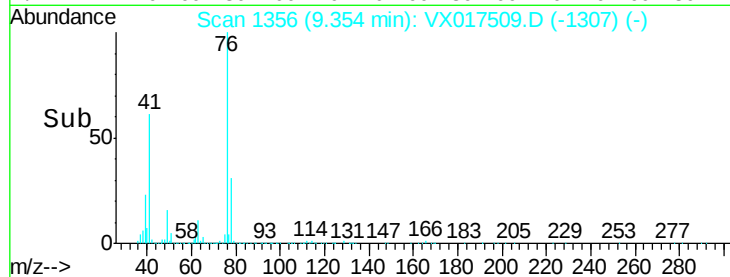
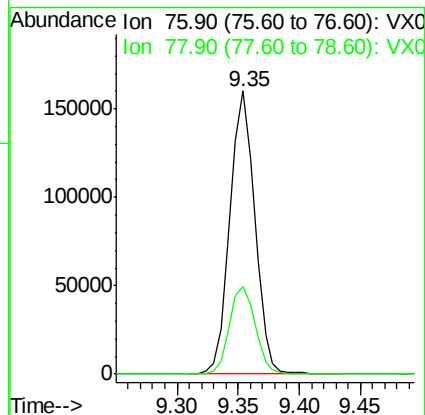
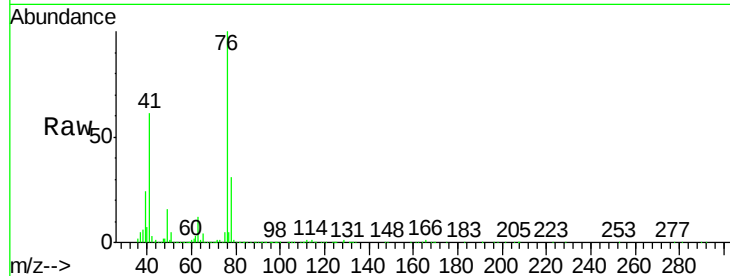
78 31.8 25.8 38.8

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#58

2-Chloroethyl Vinyl ether

Concen: 79.723 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017509.D

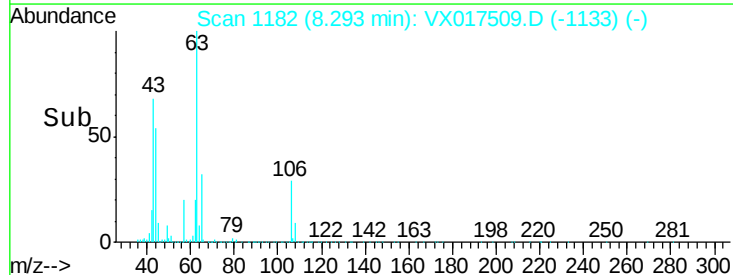
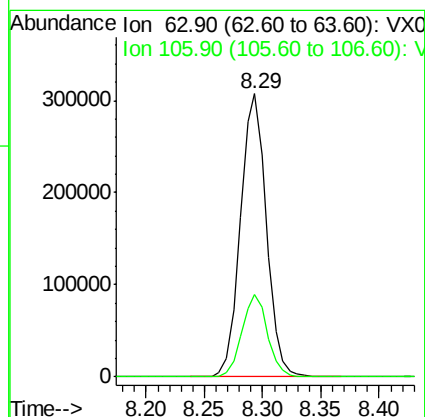
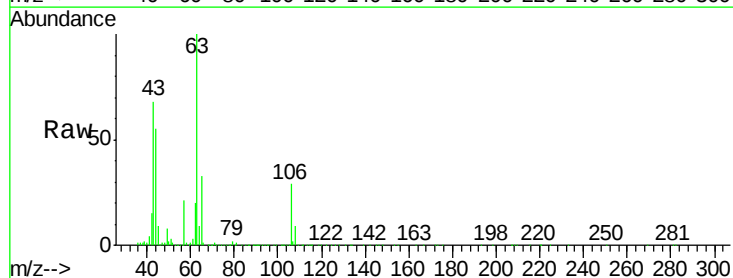
Acq: 23 Jul 2020 22:49

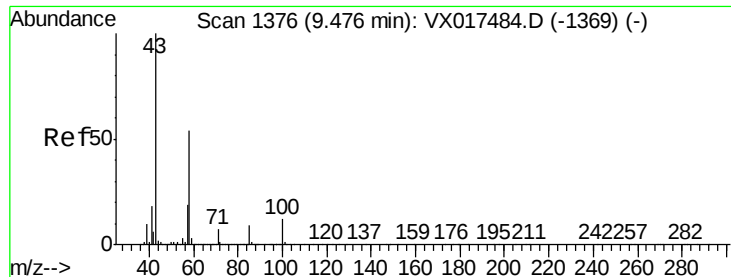
Tgt Ion: 63 Resp: 476232

Ion Ratio Lower Upper

63 100

106 29.0 22.6 34.0





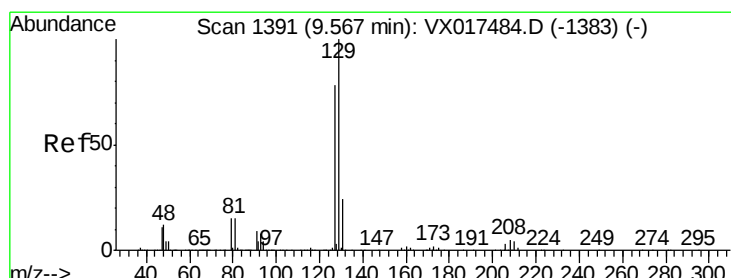
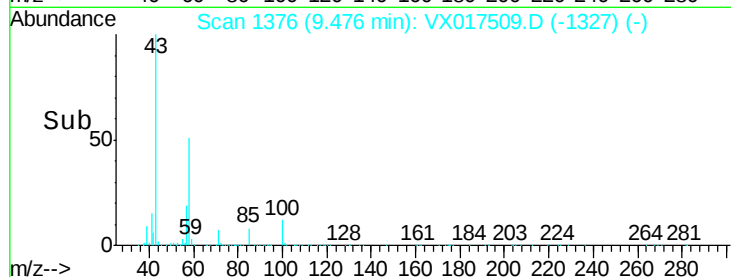
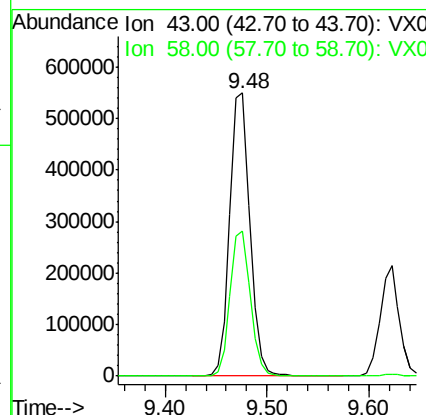
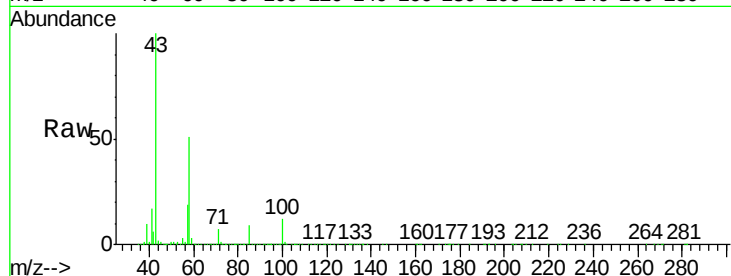
#59
2-Hexanone
Concen: 94.670 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX017509.D
Acq: 23 Jul 2020 22:49

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBSD02

Tot Ion: 43 Resp: 754375
Ion Ratio Lower Upper
43 100
58 51.5 26.6 79.8

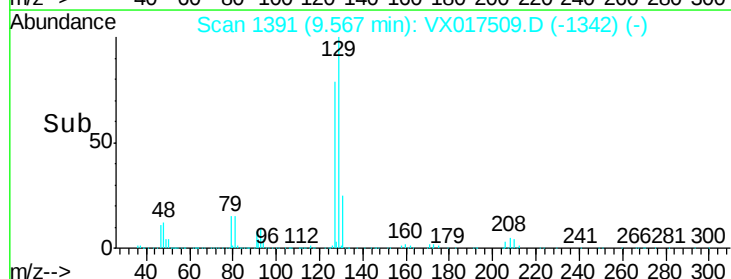
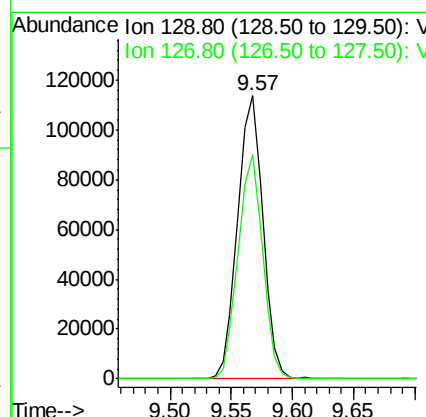
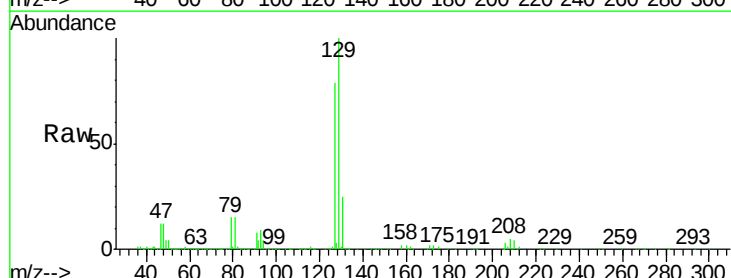
Manual Integrations
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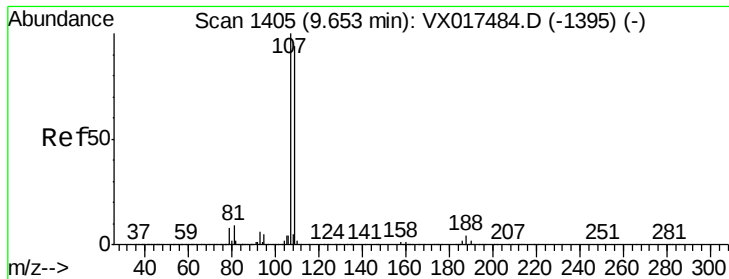
MMDadoda
7/24/2020 9:56:01 AM



#60
Dibromochloromethane
Concen: 17.026 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017509.D
Acq: 23 Jul 2020 22:49

Tgt Ion: 129 Resp: 162860
Ion Ratio Lower Upper
129 100
127 77.5 38.4 115.1





#61

1,2-Dibromoethane

Concen: 18.203 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017509.D

Acq: 23 Jul 2020 22:49

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBSD02

Tot Ion: 107 Resp: 145853

Ion Ratio Lower Upper

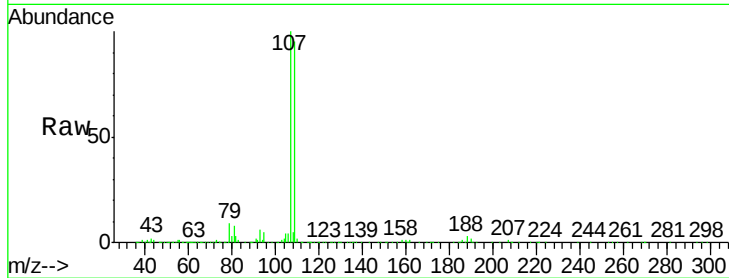
107 100

109 95.8 74.9 112.3

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

Ion 108.80 (108.50 to 109.50): V

9.65

120000

100000

80000

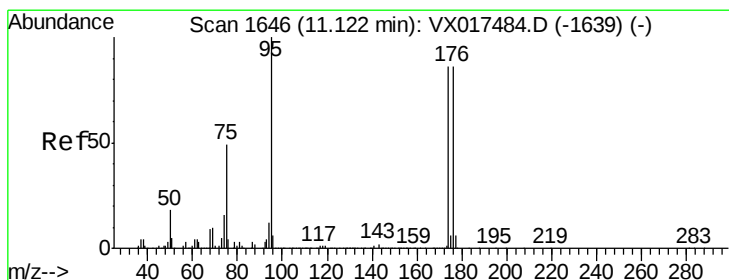
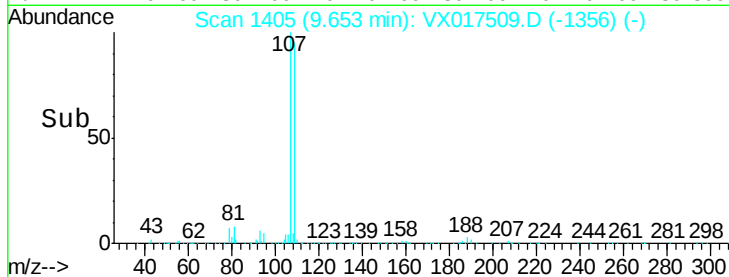
60000

40000

20000

0

Time--> 9.60 9.65 9.70



#62

4-Bromofluorobenzene

Concen: 42.732 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017509.D

Acq: 23 Jul 2020 22:49

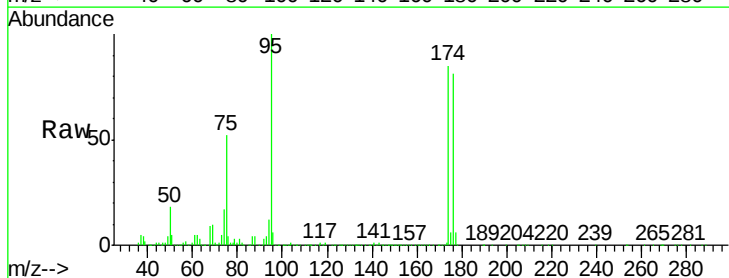
Tgt Ion: 95 Resp: 422710

Ion Ratio Lower Upper

95 100

174 83.2 0.0 169.0

176 81.6 0.0 161.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

400000

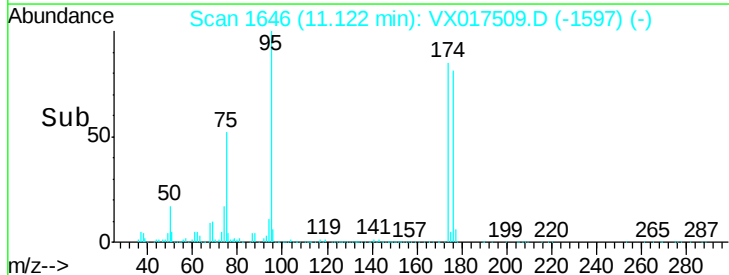
300000

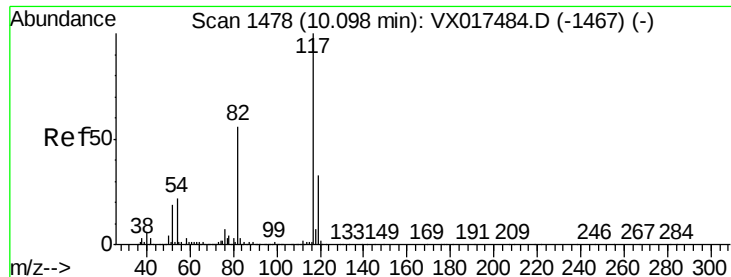
200000

100000

0

Time--> 11.00 11.10 11.20





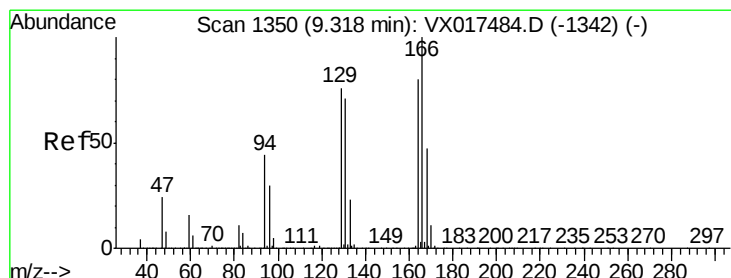
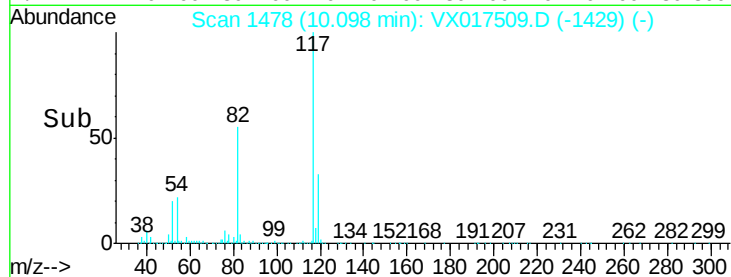
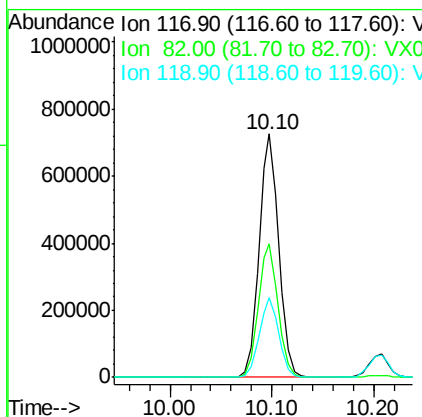
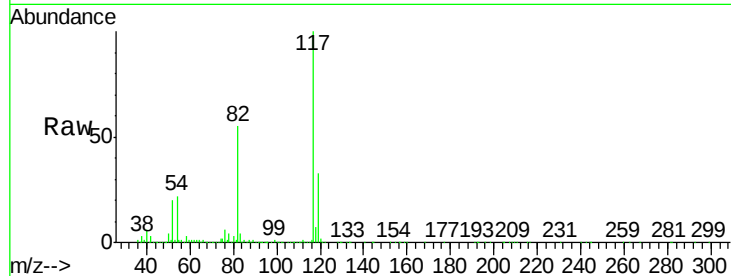
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017509.D
Acq: 23 Jul 2020 22:49

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBSD02

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.7	44.0	66.0
119	32.7	25.4	38.0

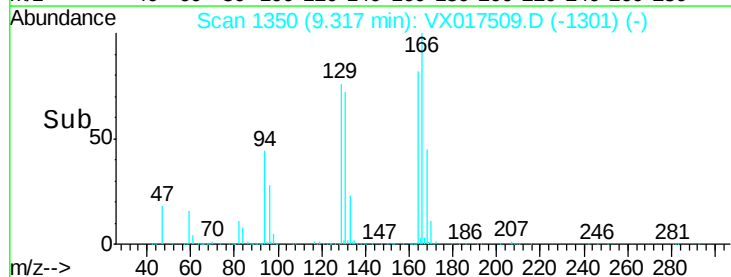
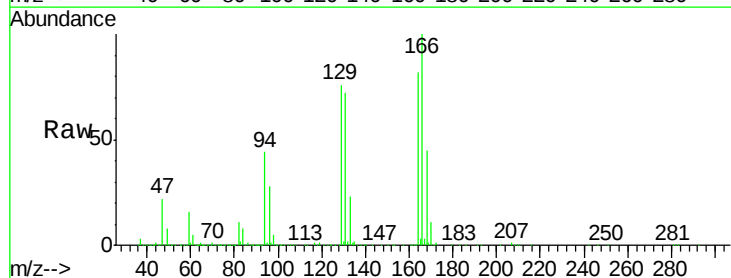
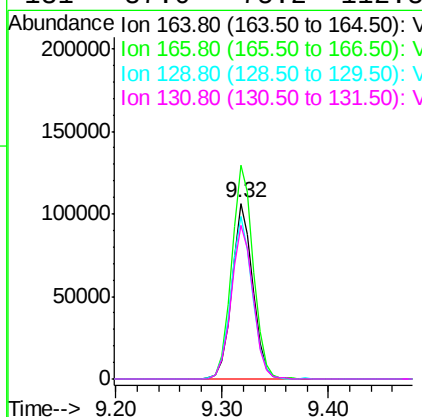
Manual Integrations
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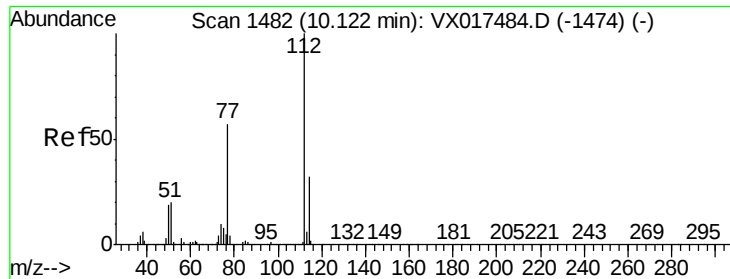
MMDadoda
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#64
Tetrachloroethene
Concen: 16.627 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017509.D
Acq: 23 Jul 2020 22:49

Tgt Ion	Ratio	Lower	Upper
164	100		
166	121.6	100.6	150.8
129	92.8	75.0	112.6
131	87.0	75.2	112.8





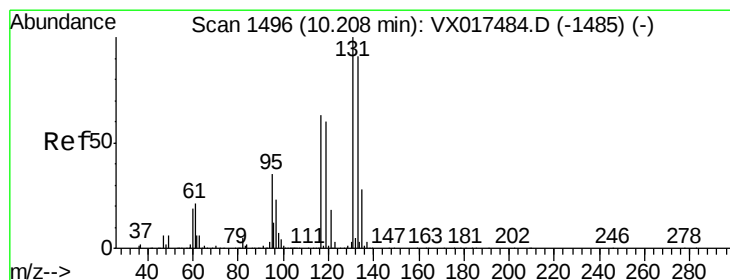
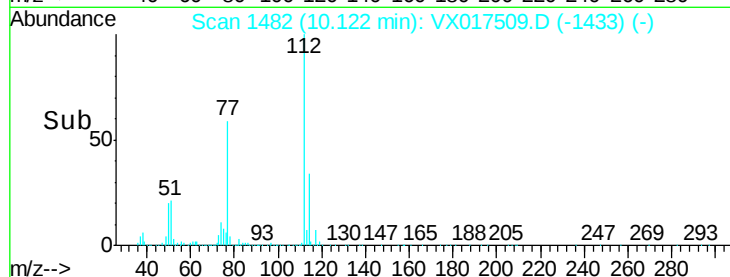
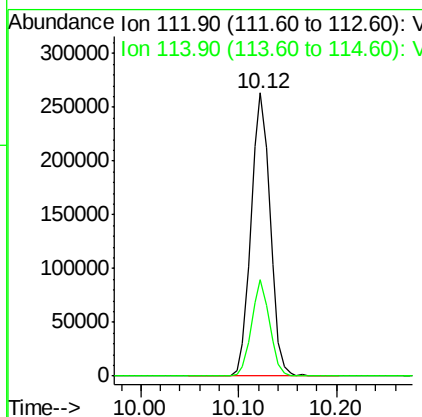
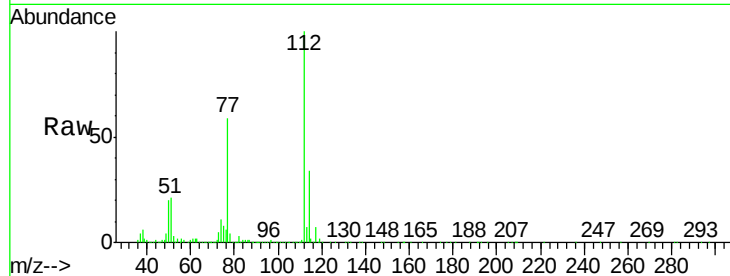
#65
Chlorobenzene
Concen: 16.845 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017509.D
Acq: 23 Jul 2020 22:49

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBSD02

Tot Ion	Ratio	Lower	Upper
112	100		
114	34.1	25.7	38.5

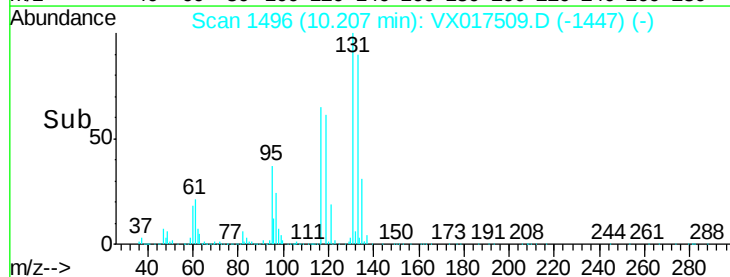
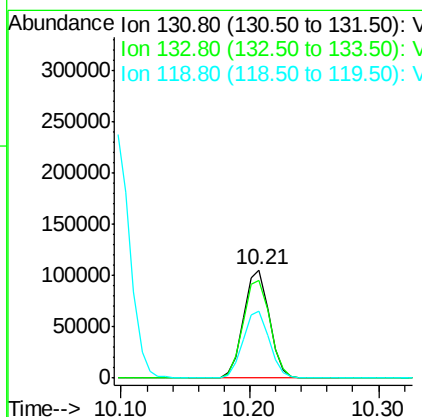
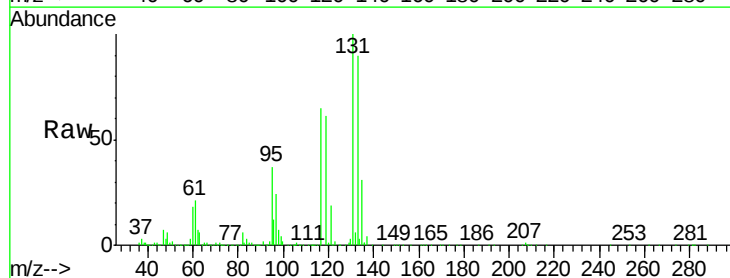
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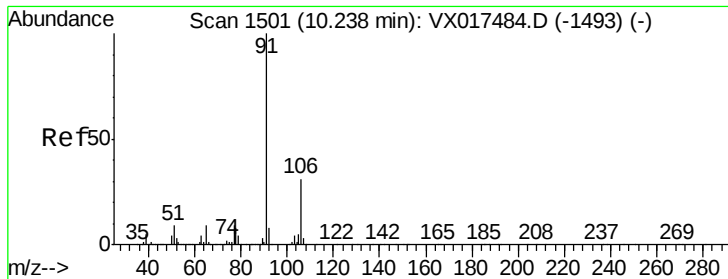
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#66
1,1,1,2-Tetrachloroethane
Concen: 16.964 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX017509.D
Acq: 23 Jul 2020 22:49

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.1	47.9	143.6
119	63.0	31.1	93.3





#67

Ethyl Benzene

Concen: 17.252 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX017509.D

Acq: 23 Jul 2020 22:49

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBSD02

Tot Ion: 91 Resp: 611036

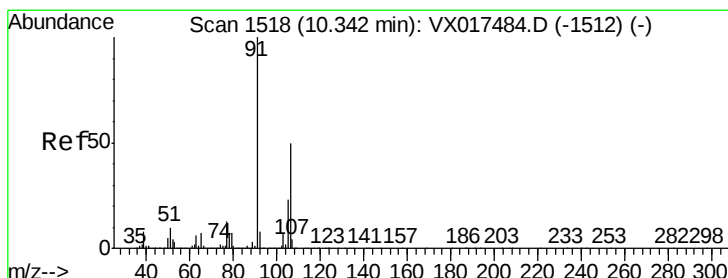
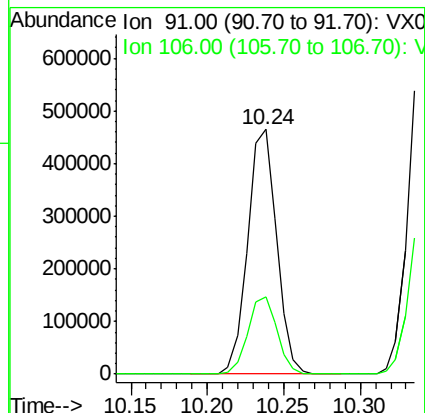
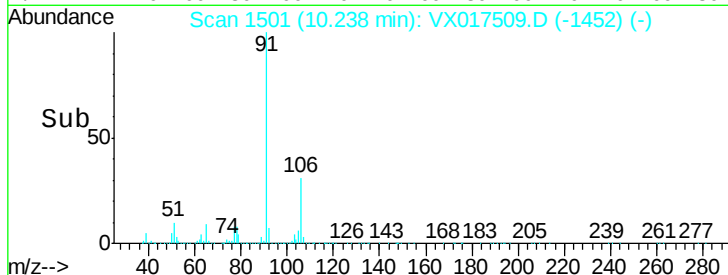
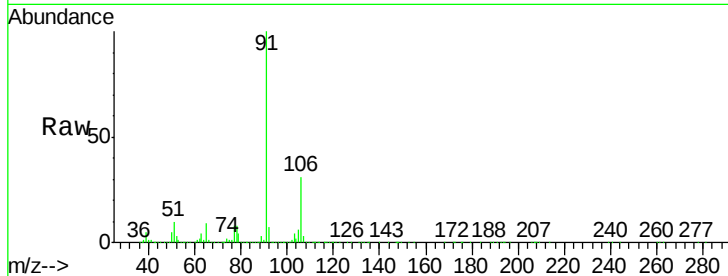
Ion Ratio Lower Upper

91 100

106 31.4 25.8 38.6

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#68

m/p-Xylenes

Concen: 34.516 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017509.D

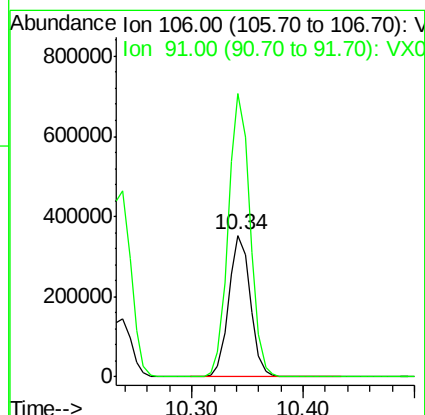
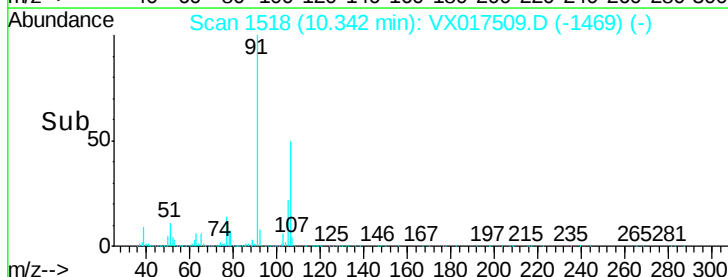
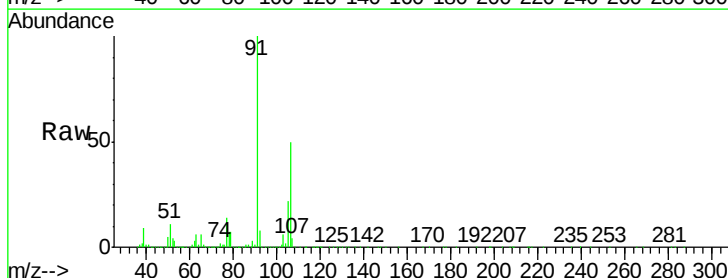
Acq: 23 Jul 2020 22:49

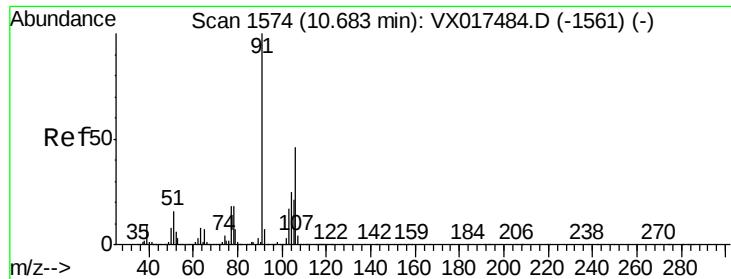
Tgt Ion: 106 Resp: 473602

Ion Ratio Lower Upper

106 100

91 201.0 160.9 241.3





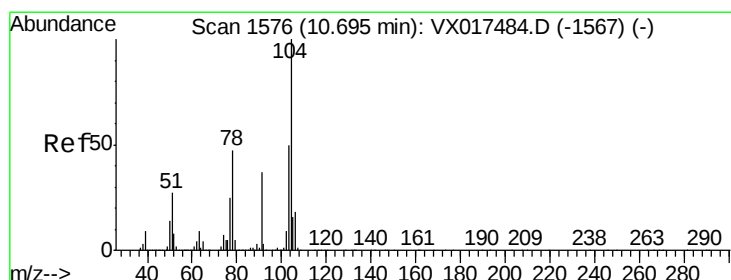
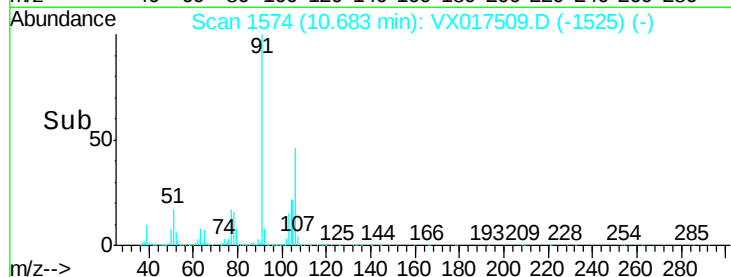
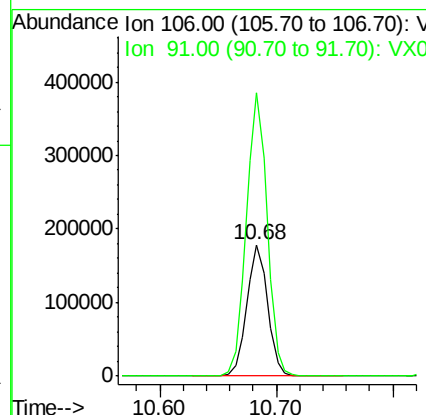
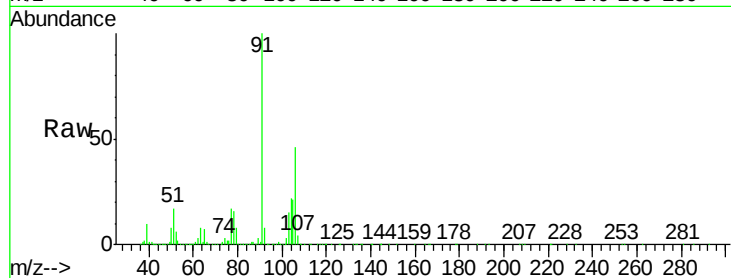
#69
o-Xylene
Concen: 16.943 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017509.D
Acq: 23 Jul 2020 22:49

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBSD02

Tot Ion	Ratio	Lower	Upper
106	100		
91	215.3	108.2	324.6

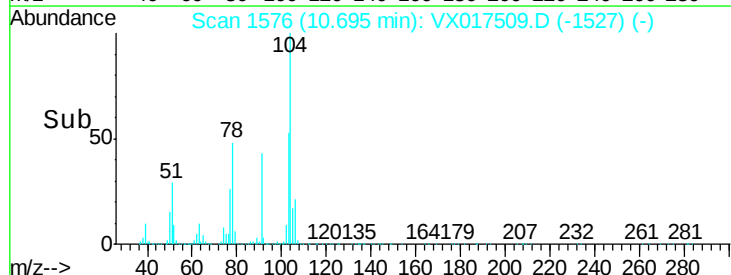
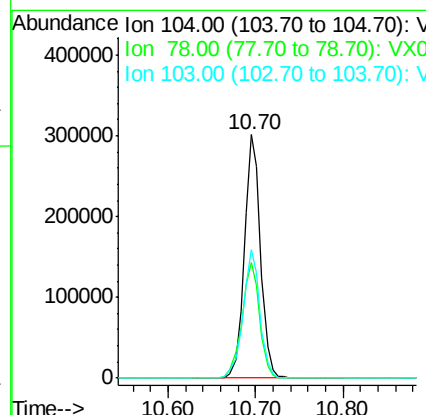
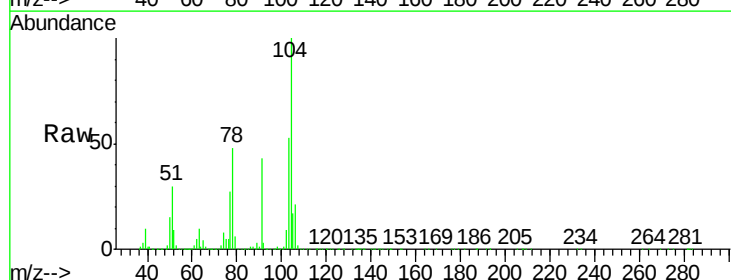
Manual Integrations
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#70
Styrene
Concen: 17.355 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017509.D
Acq: 23 Jul 2020 22:49

Tgt Ion	Ratio	Lower	Upper
104	100		
78	52.1	42.5	63.7
103	55.5	44.3	66.5





#71

Bromoform

Concen: 15.950 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017509.D

Acq: 23 Jul 2020 22:49

Instrument :

MSVOA_X

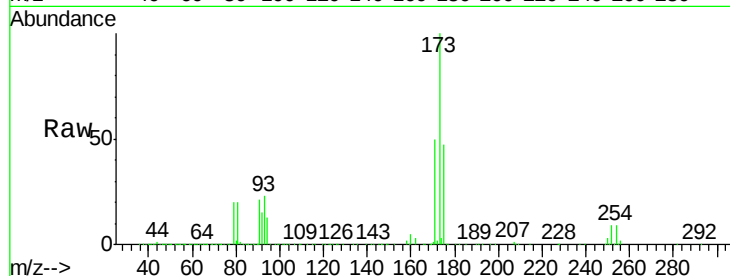
ClientSampleId :

VX0723WBSD02

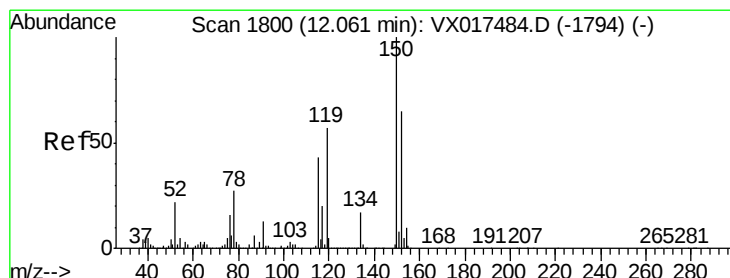
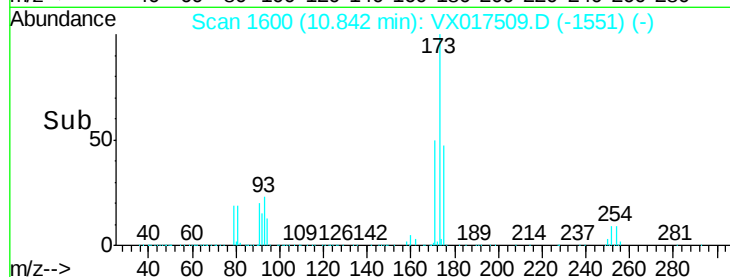
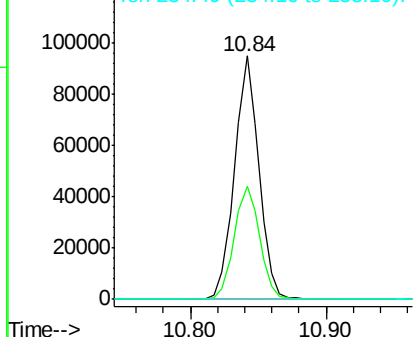
Tot Ion:	173	Resp:	118334
Ion Ratio	Lower	Upper	
173	100		
175	48.6	23.8	71.5
254	0.2	0.1	0.1#

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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

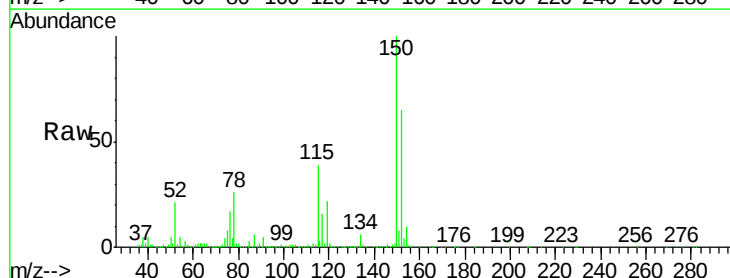
RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

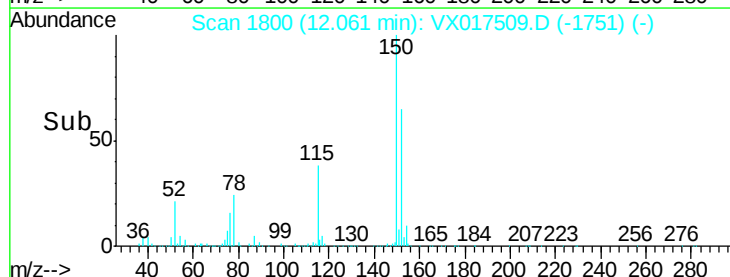
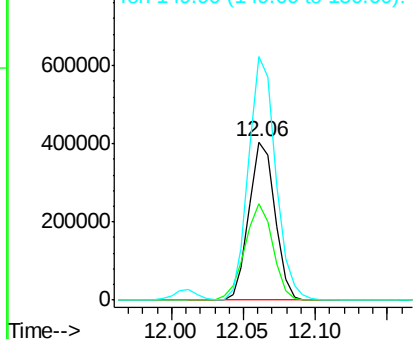
Lab File: VX017509.D

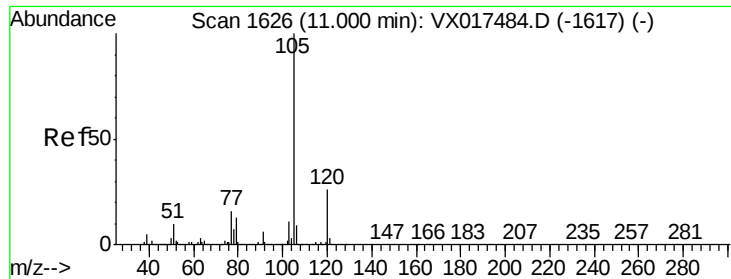
Acq: 23 Jul 2020 22:49

Tgt Ion:	152	Resp:	502623
Ion Ratio	Lower	Upper	
152	100		
115	65.6	65.5	196.6
150	160.2	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: 17.713 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017509.D

Acq: 23 Jul 2020 22:49

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBSD02

Tot Ion: 105 Resp: 610773

Ion Ratio Lower Upper

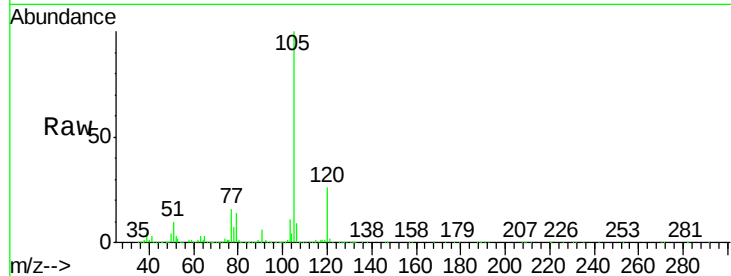
105 100

120 26.6 13.3 39.8

Manual Integrations
APPROVED

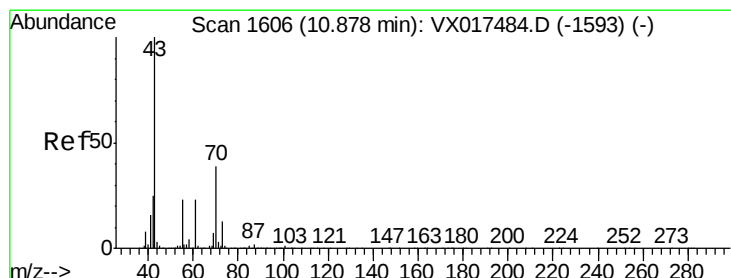
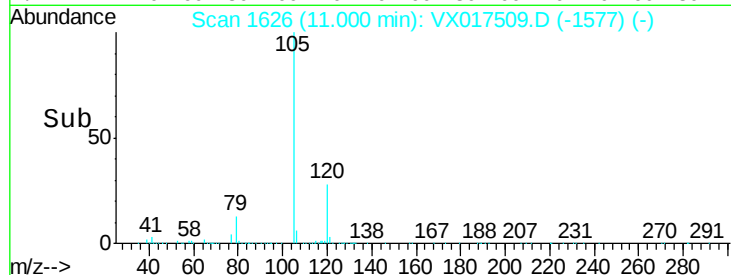
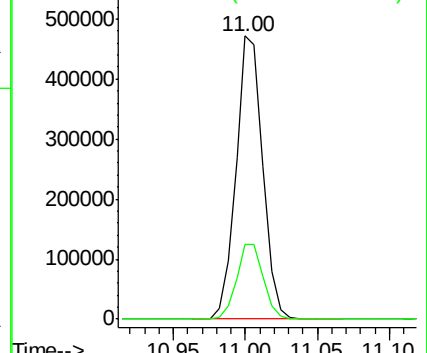
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.995 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017509.D

Acq: 23 Jul 2020 22:49

Tgt Ion: 43 Resp: 275688

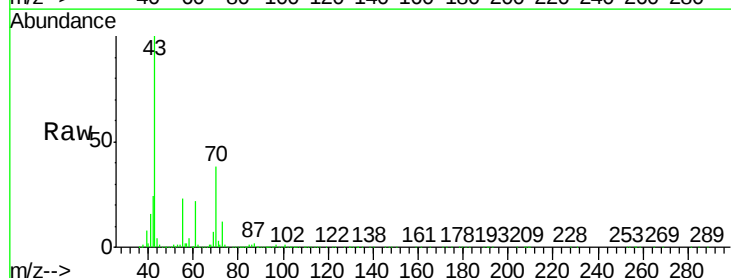
Ion Ratio Lower Upper

43 100

70 39.5 32.3 48.5

55 24.4 18.4 27.6

61 23.8 18.6 28.0

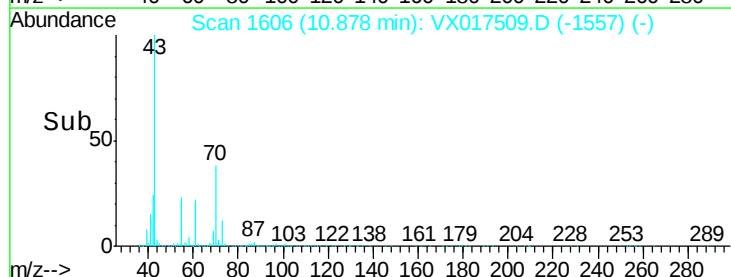
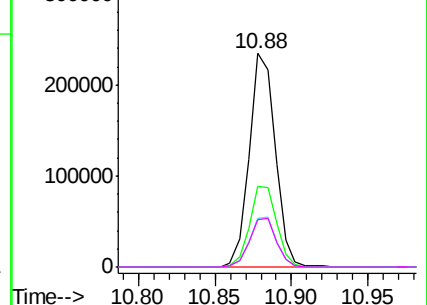


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 17.137 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017509.D

Acq: 23 Jul 2020 22:49

Instrument :

MSVOA_X

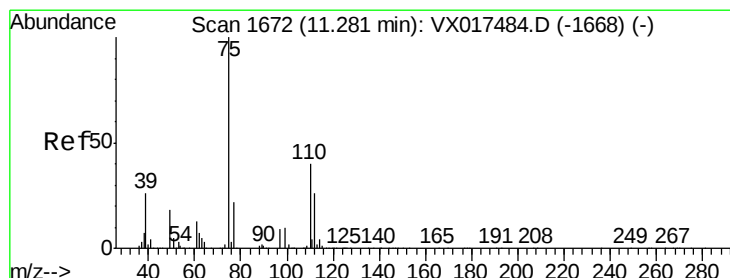
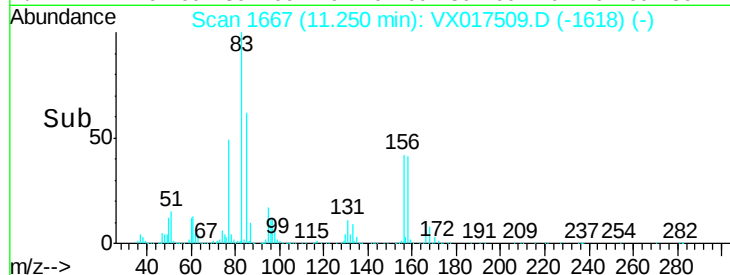
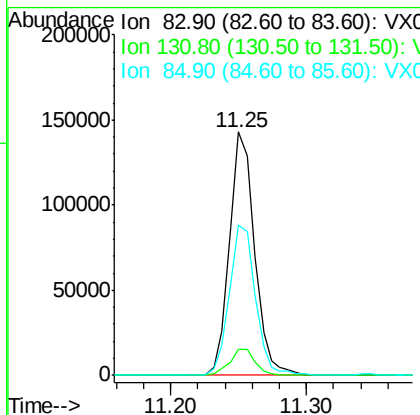
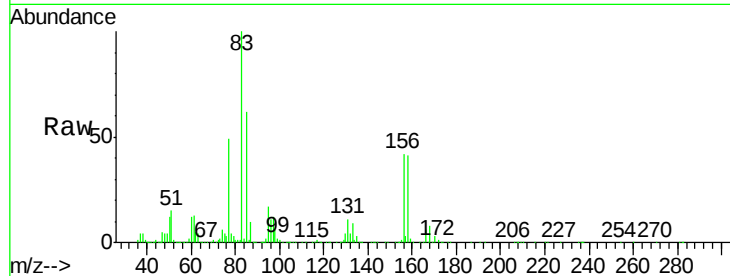
ClientSampleId :

VX0723WBSD02

Tot Ion:	83	Resp:	184443
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.5	16.5
85	64.6	32.1	96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 17.770 ug/l m

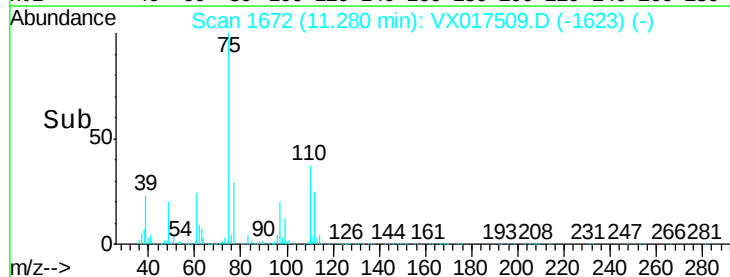
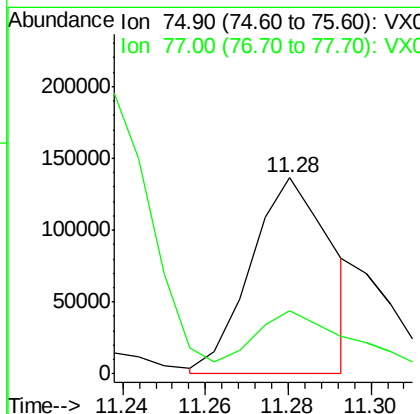
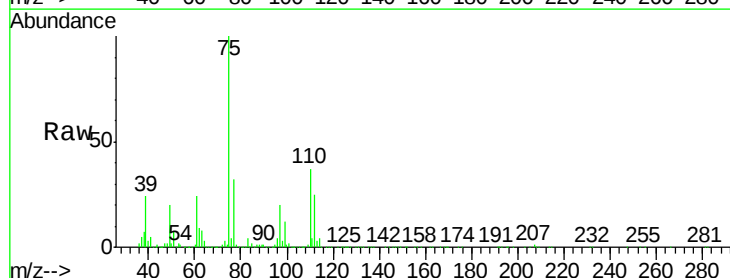
RT: 11.28 min Scan# 1672

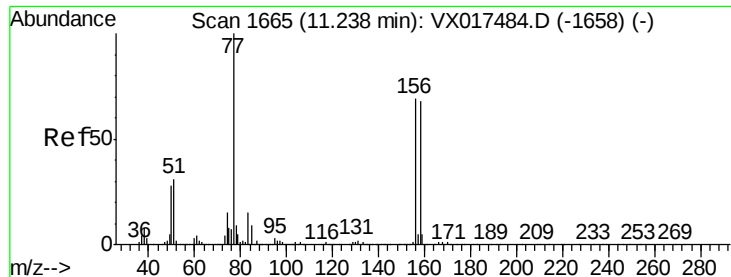
Delta R.T. -0.00 min

Lab File: VX017509.D

Acq: 23 Jul 2020 22:49

Tgt Ion:	75	Resp:	183726
Ion Ratio	Lower	Upper	
75	100		
77	40.5	21.8	65.3





#77

Bromobenzene

Concen: 17.352 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017509.D

Acq: 23 Jul 2020 22:49

Instrument :

MSVOA_X

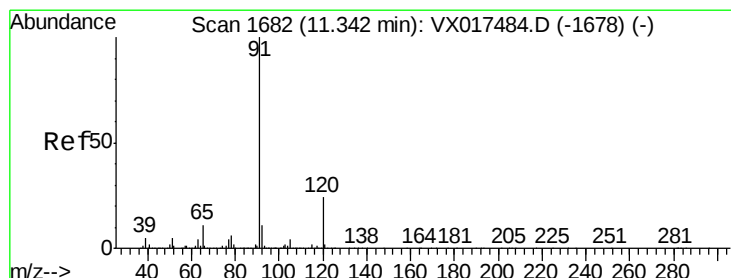
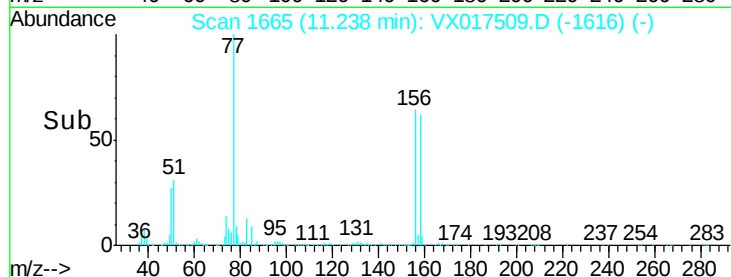
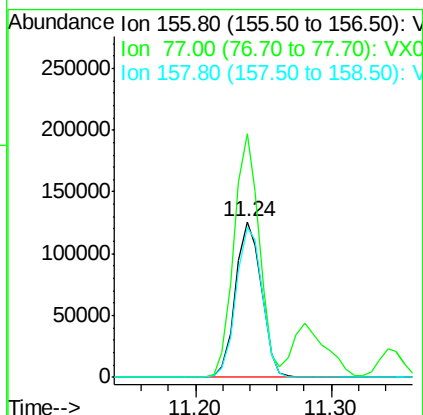
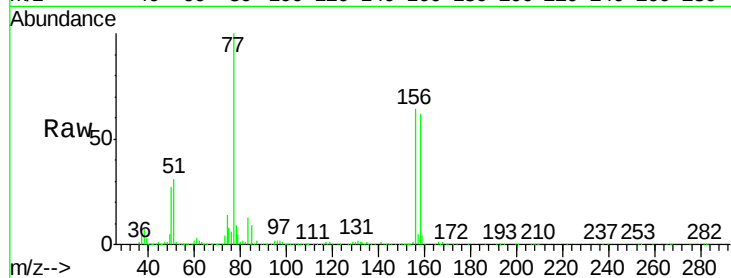
ClientSampleId :

VX0723WBSD02

Tot Ion:	156	Resp:	167497
Ion Ratio	Lower	Upper	
156	100		
77	152.9	75.0	225.0
158	97.1	49.1	147.3

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#78

n-propylbenzene

Concen: 17.861 ug/l

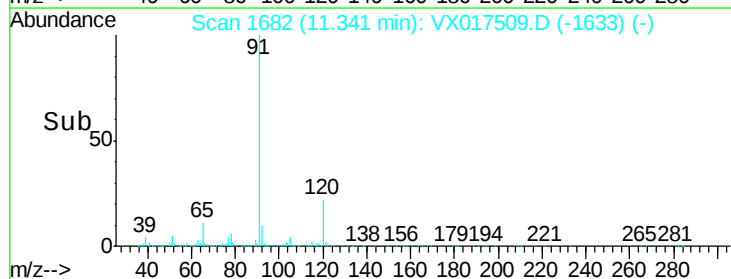
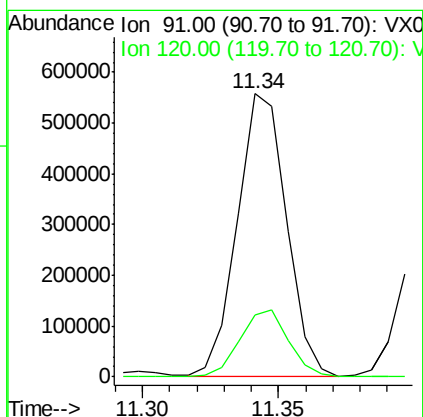
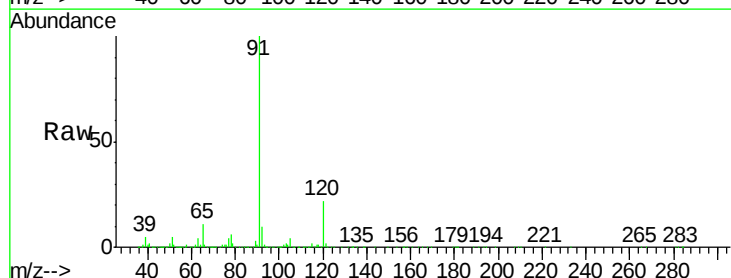
RT: 11.34 min Scan# 1682

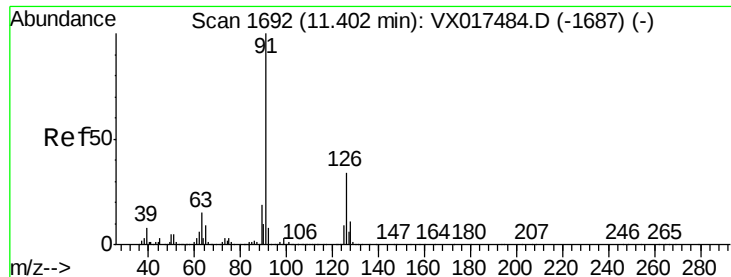
Delta R.T. -0.00 min

Lab File: VX017509.D

Acq: 23 Jul 2020 22:49

Tgt Ion:	91	Resp:	694583
Ion Ratio	Lower	Upper	
91	100		
120	23.6	12.2	36.4





#79

2-Chlorotoluene

Concen: 17.493 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017509.D

Acq: 23 Jul 2020 22:49

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBSD02

Tot Ion: 91 Resp: 421420

Ion Ratio Lower Upper

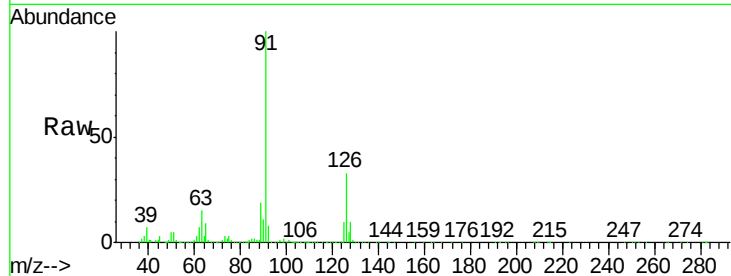
91 100

126 34.1 17.5 52.5

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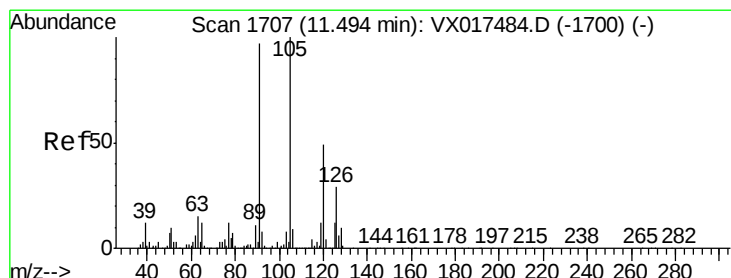
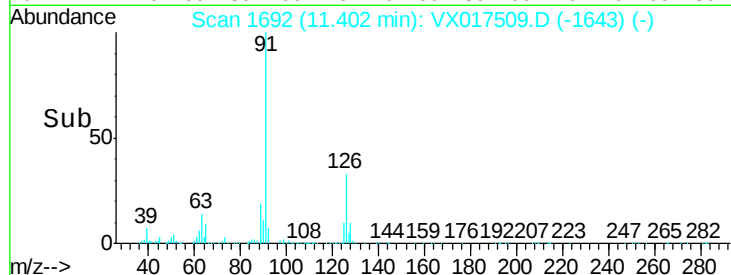
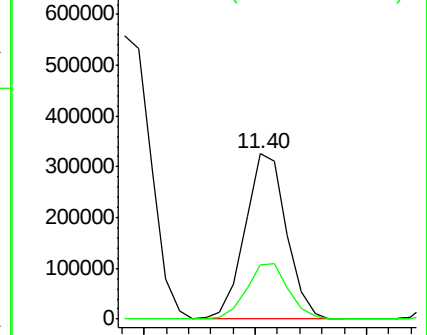
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 17.663 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017509.D

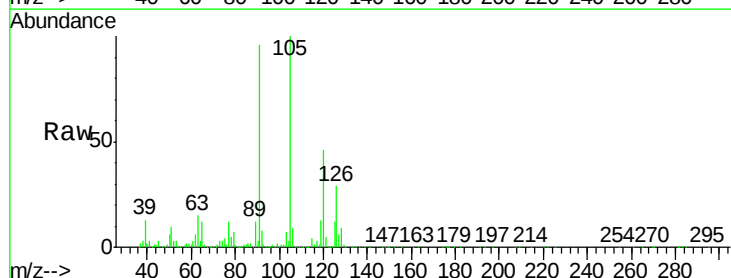
Acq: 23 Jul 2020 22:49

Tgt Ion: 105 Resp: 520000

Ion Ratio Lower Upper

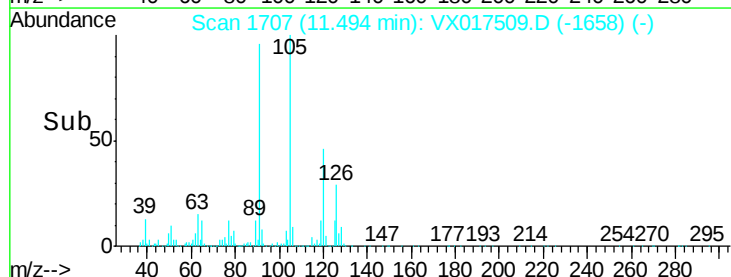
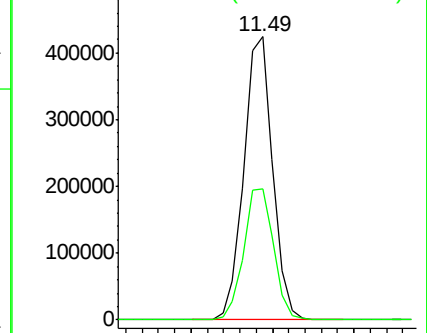
105 100

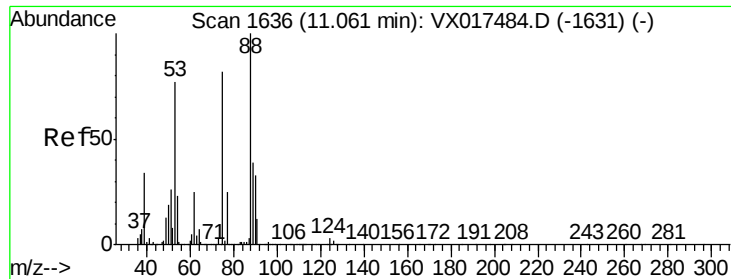
120 48.3 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





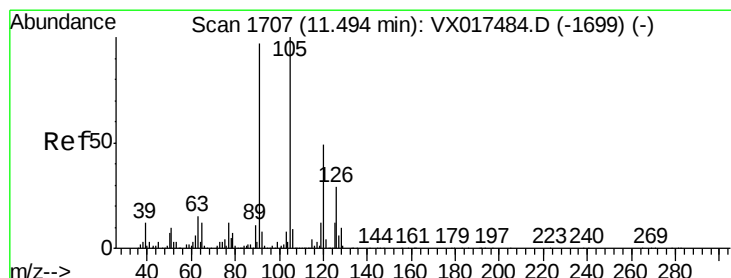
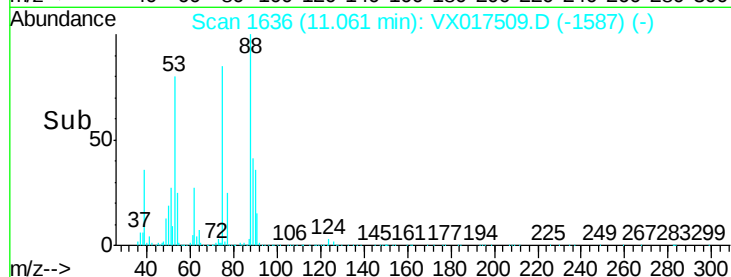
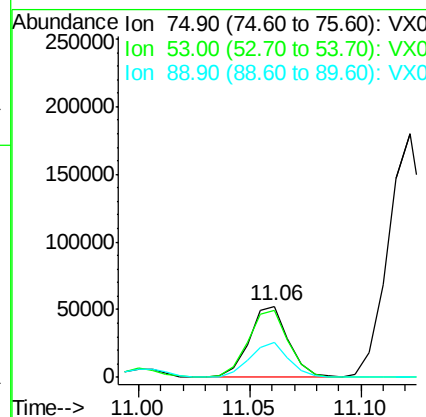
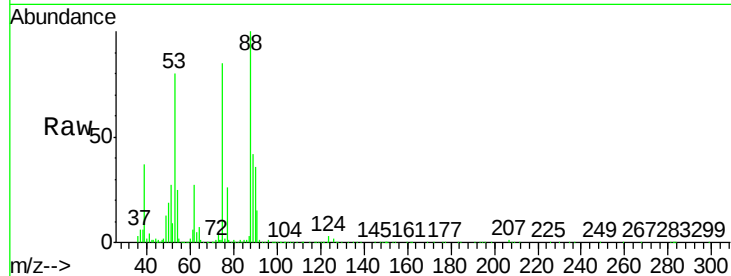
#81
trans-1,4-Dichloro-2-butene
Concen: 15.610 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX017509.D
Acq: 23 Jul 2020 22:49

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.8	75.9	113.9
89	50.1	37.8	56.6

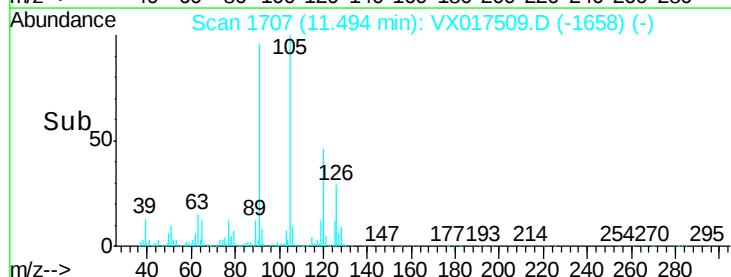
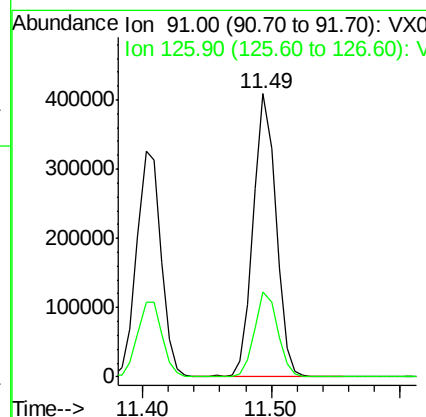
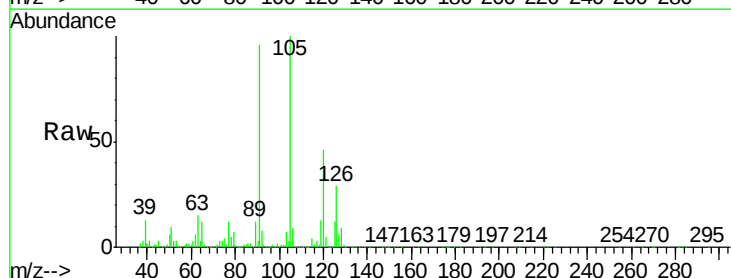
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#82
4-Chlorotoluene
Concen: 17.358 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017509.D
Acq: 23 Jul 2020 22:49

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.6	15.2	45.6





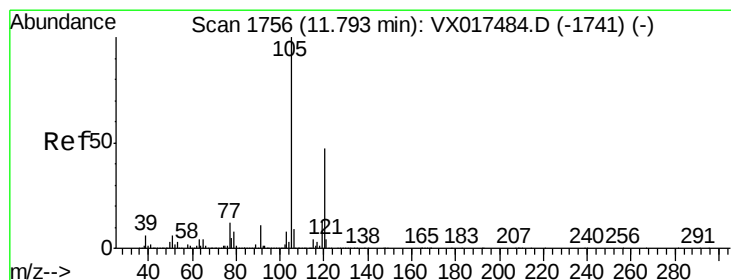
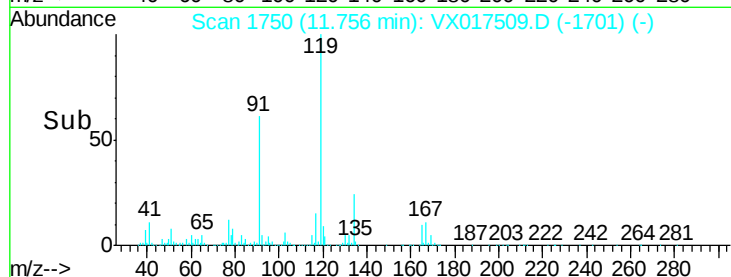
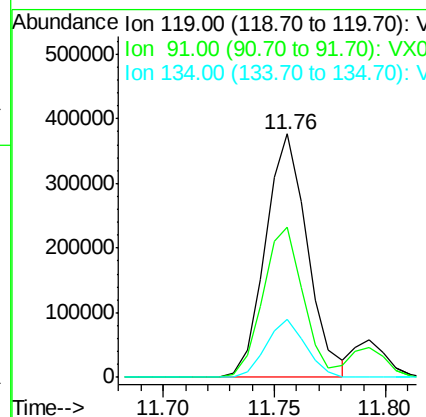
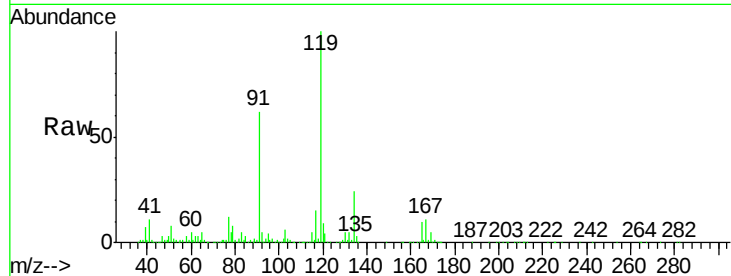
#83
 tert-Butylbenzene
 Concen: 17.507 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX017509.D
 Acq: 23 Jul 2020 22:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	493175		
91	58.8	29.3	88.0	
134	22.7	11.2	33.6	

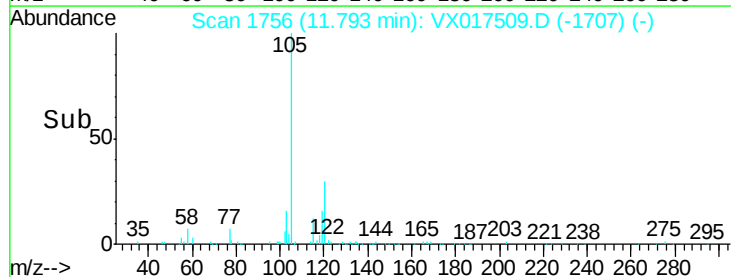
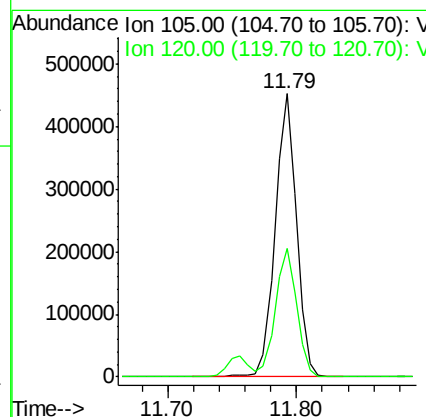
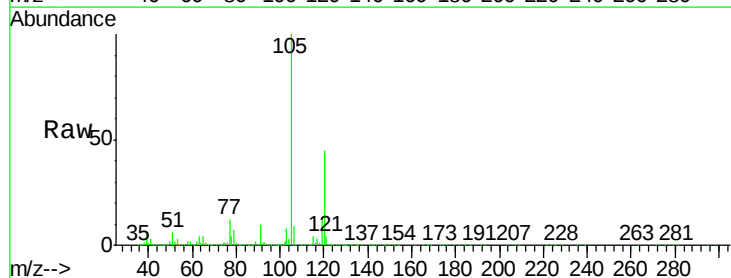
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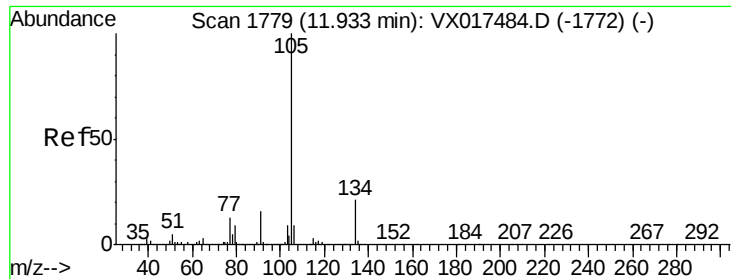
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#84
 1,2,4-Trimethylbenzene
 Concen: 17.907 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017509.D
 Acq: 23 Jul 2020 22:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	524335		
120	45.4	22.7	68.0	





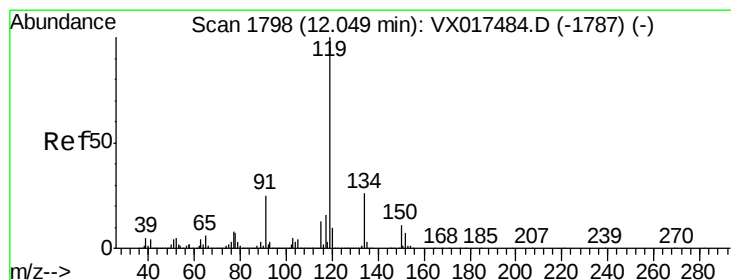
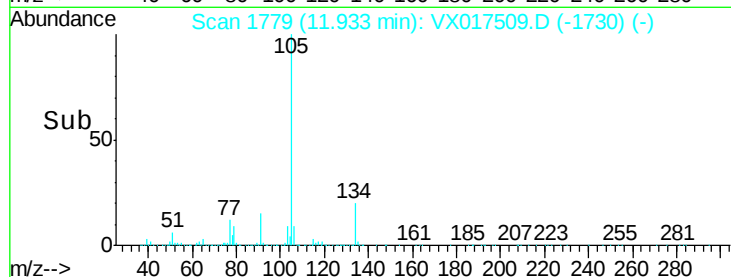
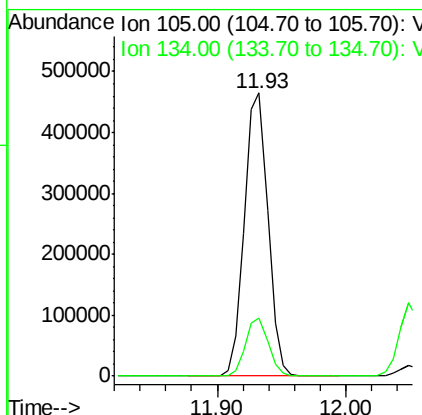
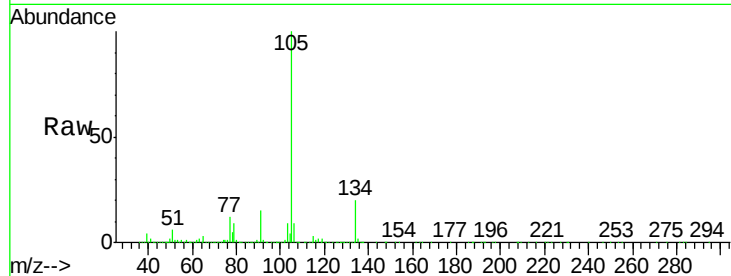
#85
 sec-Butylbenzene
 Concen: 17.751 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017509.D
 Acq: 23 Jul 2020 22:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBSD02

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.0	10.4	31.2

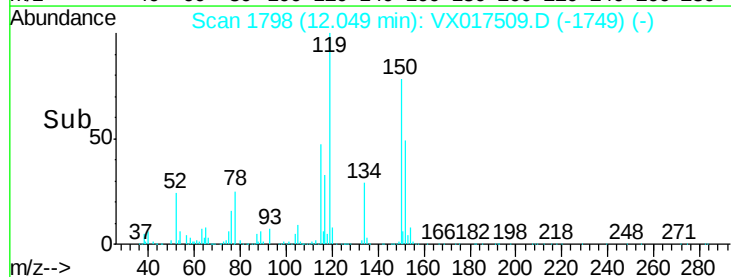
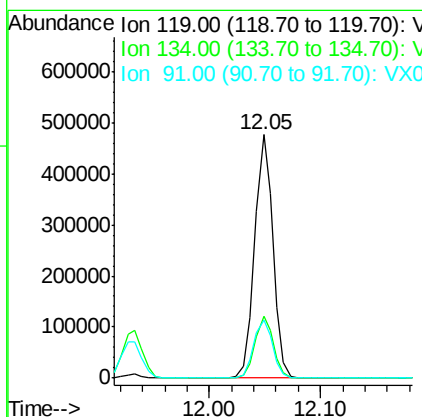
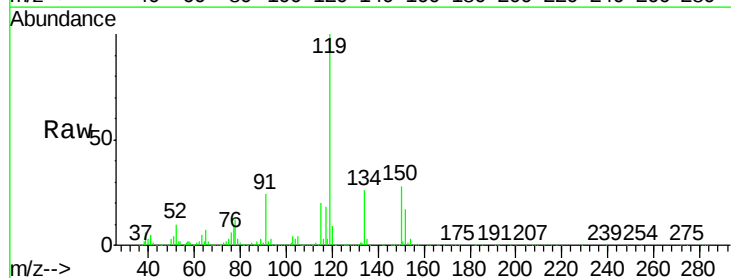
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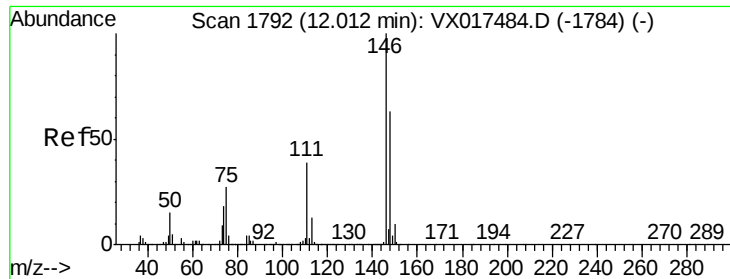
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#86
 p-Isopropyltoluene
 Concen: 17.483 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017509.D
 Acq: 23 Jul 2020 22:49

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.6	13.1	39.3
91	24.5	12.1	36.3





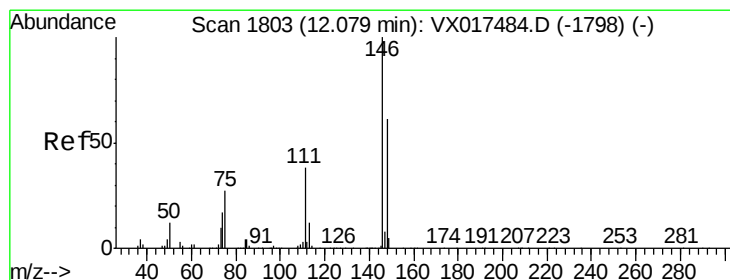
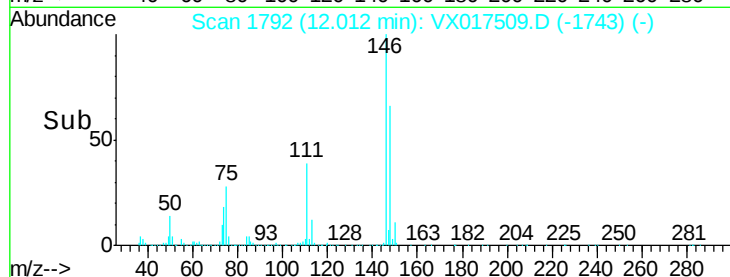
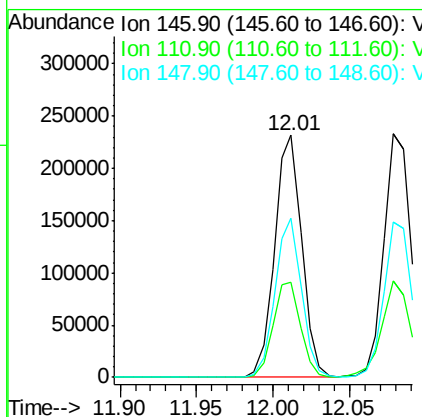
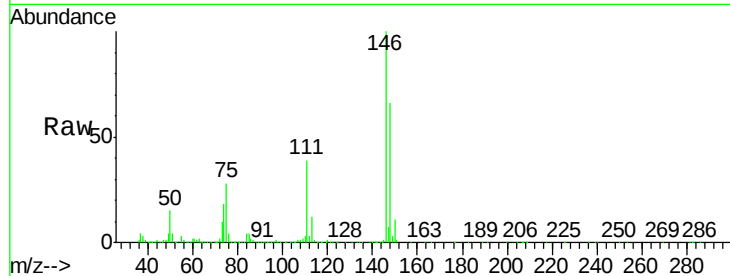
#87
 1,3-Dichlorobenzene
 Concen: 17.207 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017509.D
 Acq: 23 Jul 2020 22:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.9	59.7
148	64.0	31.6	95.0

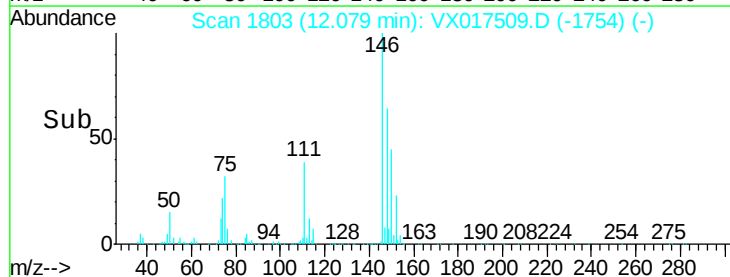
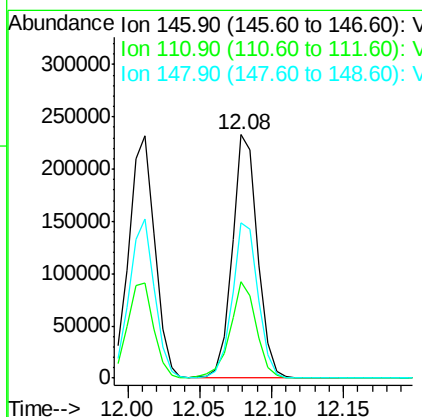
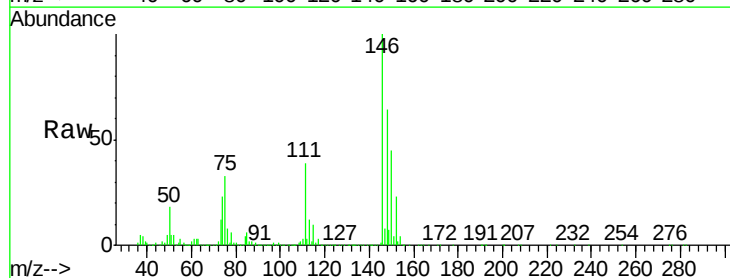
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#88
 1,4-Dichlorobenzene
 Concen: 16.668 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017509.D
 Acq: 23 Jul 2020 22:49

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.9	19.3	57.8
148	65.6	32.2	96.6





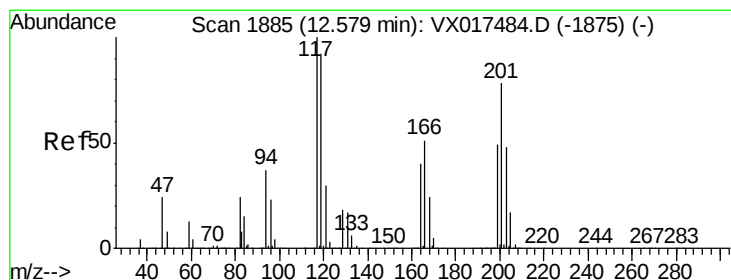
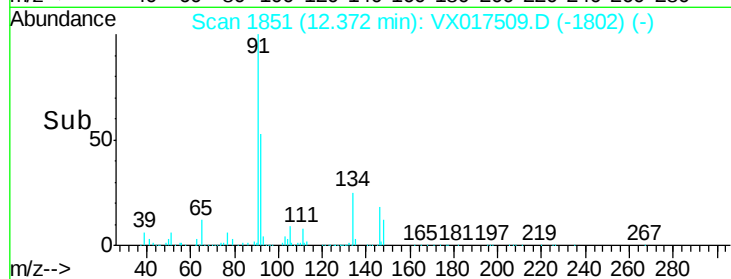
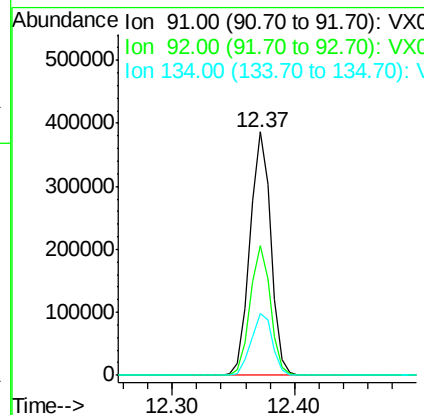
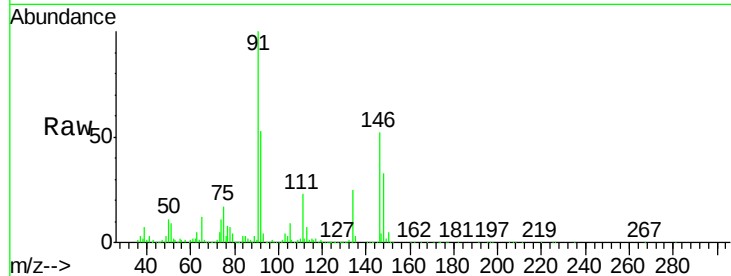
#89
n-Butylbenzene
Concen: 16.404 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017509.D
Acq: 23 Jul 2020 22:49

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBSD02

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.8	26.7	80.1
134	26.1	13.6	40.7

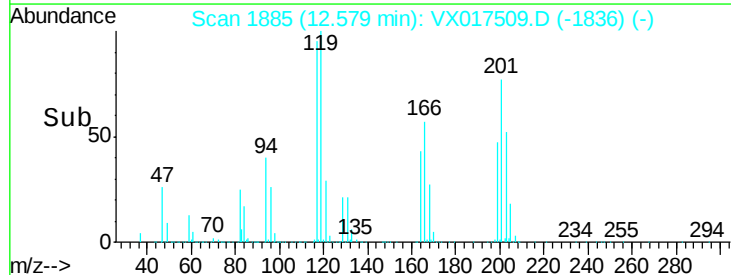
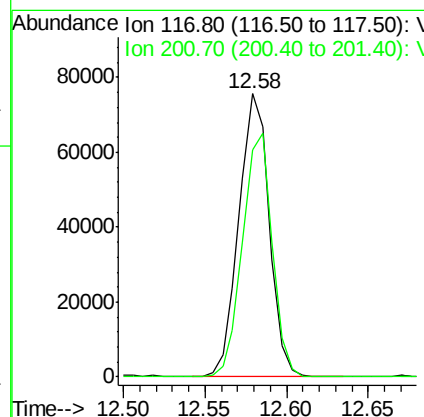
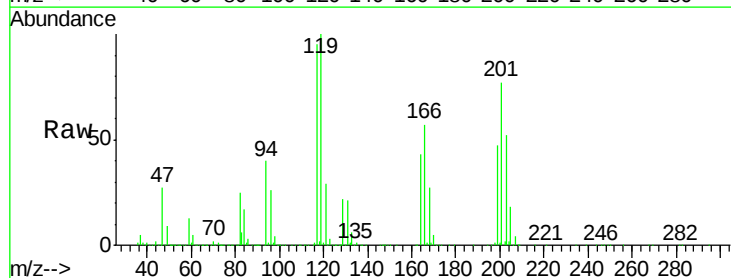
Manual Integrations
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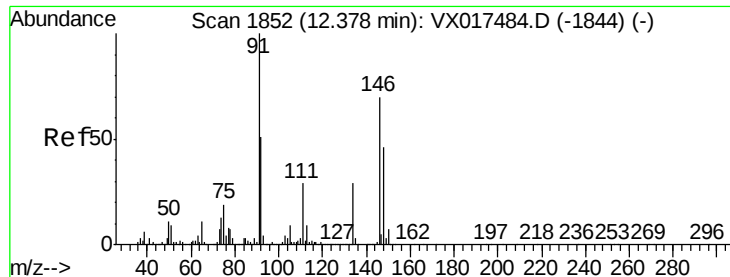
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#90
Hexachloroethane
Concen: 15.985 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017509.D
Acq: 23 Jul 2020 22:49

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.2	42.2	126.6





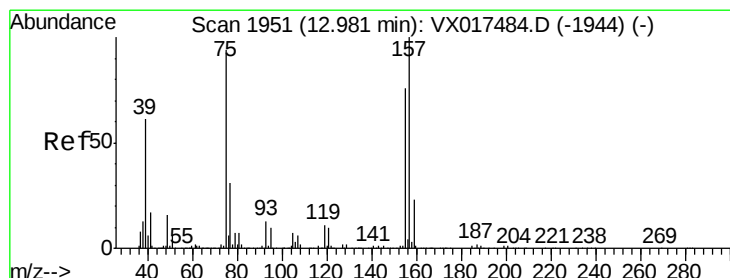
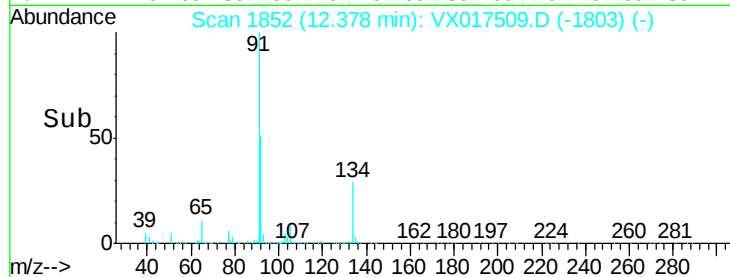
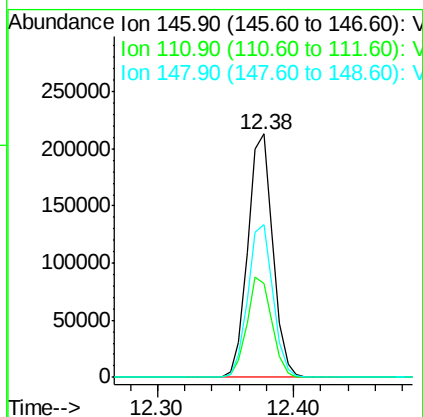
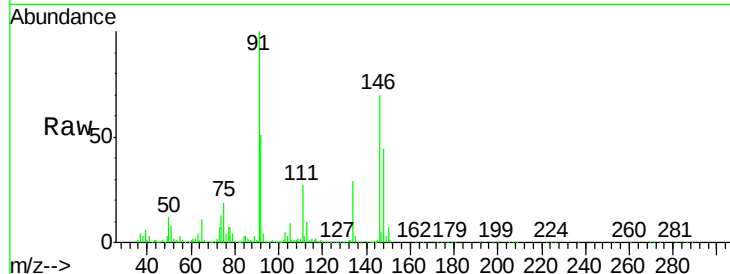
#91
 1,2-Dichlorobenzene
 Concen: 16.861 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX017509.D
 Acq: 23 Jul 2020 22:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.9	62.8
148	63.0	32.8	98.4

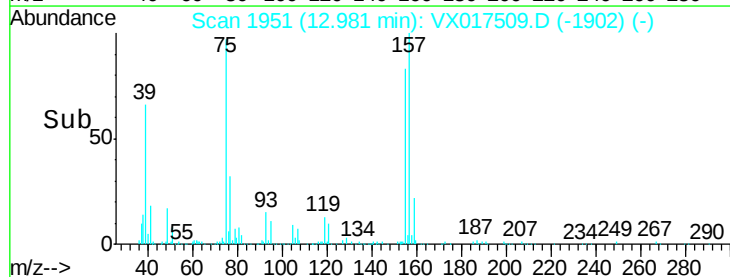
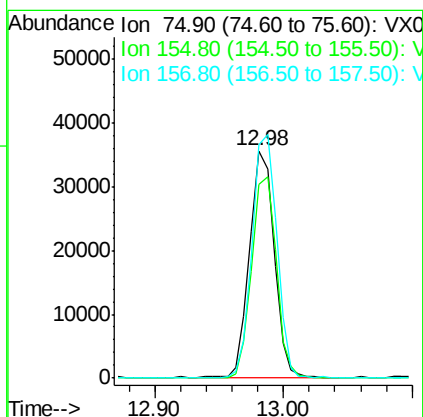
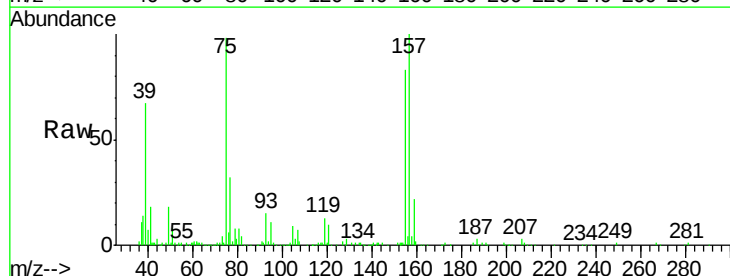
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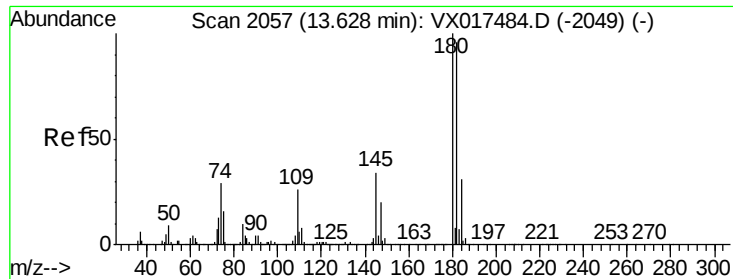
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.344 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX017509.D
 Acq: 23 Jul 2020 22:49

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.6	42.3	126.8
157	106.3	54.3	162.9





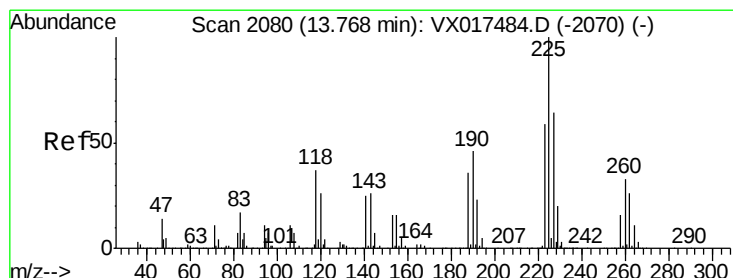
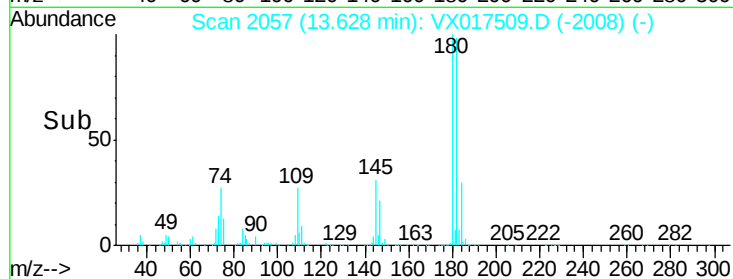
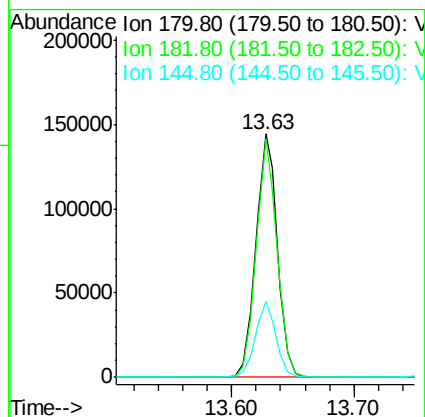
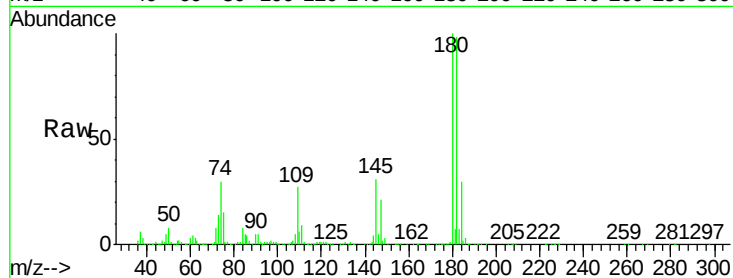
#93
1,2,4-Trichlorobenzene
Concen: 15.992 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX017509.D
Acq: 23 Jul 2020 22:49

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	177812		
182	95.1	47.5	142.6	
145	29.8	15.4	46.4	

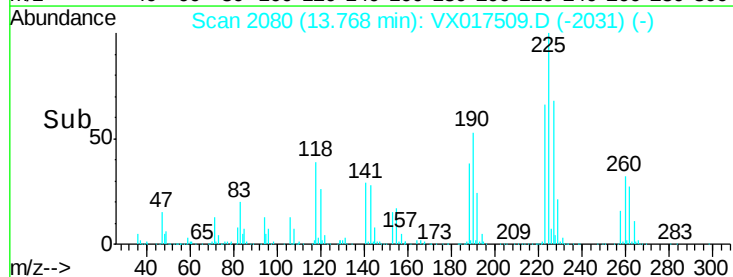
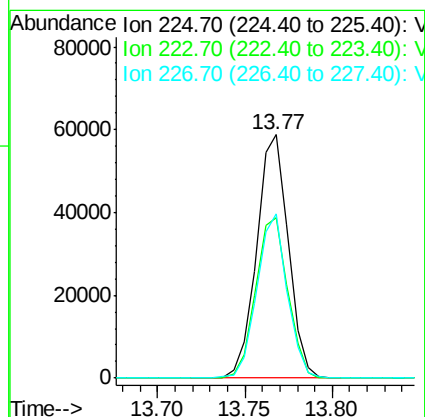
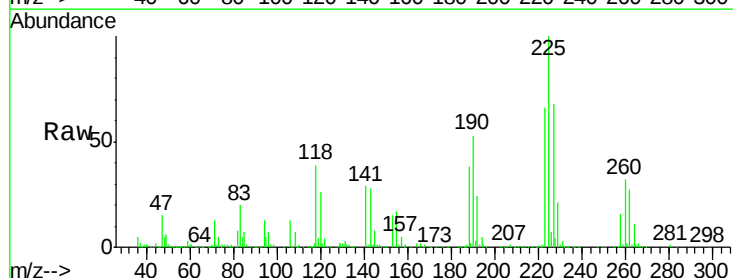
Manual Integrations
APPROVED

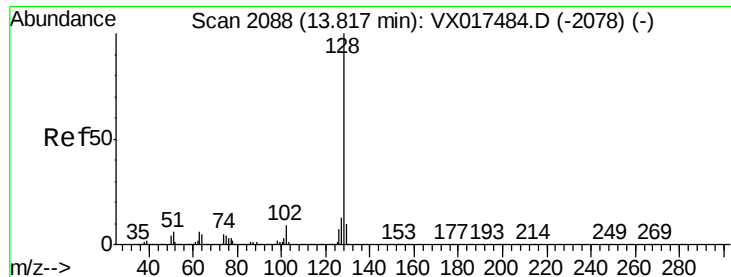
MMDadoda
7/24/2020 9:56:01 AM



#94
Hexachlorobutadiene
Concen: 14.415 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX017509.D
Acq: 23 Jul 2020 22:49

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	73779		
223	67.0	30.3	90.9	
227	64.4	31.1	93.2	





#95

Naphthalene

Concen: 16.425 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017509.D

Acq: 23 Jul 2020 22:49

Instrument :

MSVOA_X

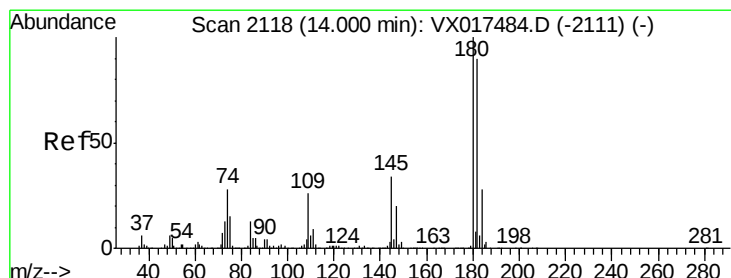
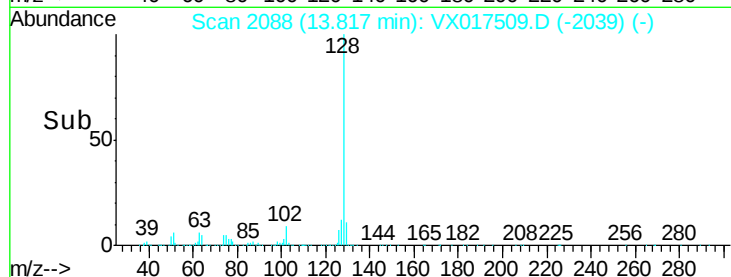
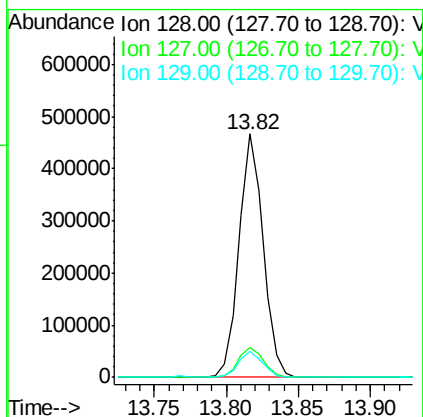
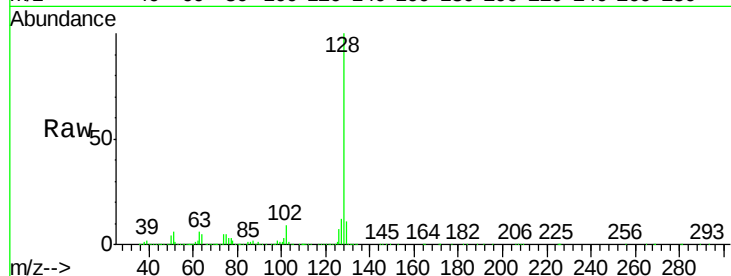
ClientSampleId :

VX0723WBSD02

Tot Ion:	128	Resp:	545202
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.4	15.6
129	10.8	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
7/24/2020 9:56:01 AM



#96

1,2,3-Trichlorobenzene

Concen: 16.089 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX017509.D

Acq: 23 Jul 2020 22:49

Tgt Ion:	180	Resp:	176635
Ion Ratio	Lower	Upper	
180	100		
182	96.0	47.4	142.3
145	33.1	16.3	48.9

