

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111921\
 Data File : VV023632.D
 Acq On : 19 Nov 2021 10:30
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 22 01:36:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 19 03:51:44 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	118117	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	116177	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	64721	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	35888	4.850	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.000%
7) Chloroethane-d5	1.564	69	29117	4.828	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.600%
11) 1,1-Dichloroethene-d2	2.105	63	67577	4.878	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.600%
20) 2-Butanone-d5	3.896	46	46115	36.174	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.340%
24) Chloroform-d	4.343	84	67658	4.290	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
26) 1,2-Dichloroethane-d4	5.027	65	32643	4.603	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
32) Benzene-d6	5.047	84	130602	4.381	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	6.066	67	36995	4.216	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.400%
41) Toluene-d8	7.313	98	124008	4.439	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
43) trans-1,3-Dichloroprop...	7.622	79	14375	4.320	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.400%
46) 2-Hexanone-d5	8.088	63	55016	44.941	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.880%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	27954	4.430	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	46370	4.303	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	48683	4.227	ug/L	100
3) Chloromethane	1.237	50	41209	4.208	ug/L	98
5) Vinyl chloride	1.307	62	43703	4.469	ug/L	99
6) Bromomethane	1.516	94	32747	5.238	ug/L	99
8) Chloroethane	1.581	64	27606	4.891	ug/L	100
9) Trichlorofluoromethane	1.748	101	72585	4.939	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	38203	5.164	ug/L	97
12) 1,1-Dichloroethene	2.114	96	33892	4.812	ug/L	91
13) Acetone	2.185	43	27990	35.933	ug/L	86
14) Carbon disulfide	2.288	76	106264	3.998	ug/L	100
15) Methyl Acetate	2.436	43	11227	5.093	ug/L #	86
16) Methylene chloride	2.500	84	42573	4.142	ug/L	97
17) Methyl tert-butyl Ether	2.764	73	72733	4.691	ug/L	98
18) trans-1,2-Dichloroethene	2.754	96	38589	4.457	ug/L	96
19) 1,1-Dichloroethane	3.185	63	66842	4.572	ug/L	98
21) 2-Butanone	3.986	43	43771	34.756	ug/L	94
22) cis-1,2-Dichloroethene	3.902	96	39675	4.761	ug/L #	90
23) Bromochloromethane	4.243	128	18329	4.770	ug/L #	77
25) Chloroform	4.368	83	77090	4.947	ug/L	98

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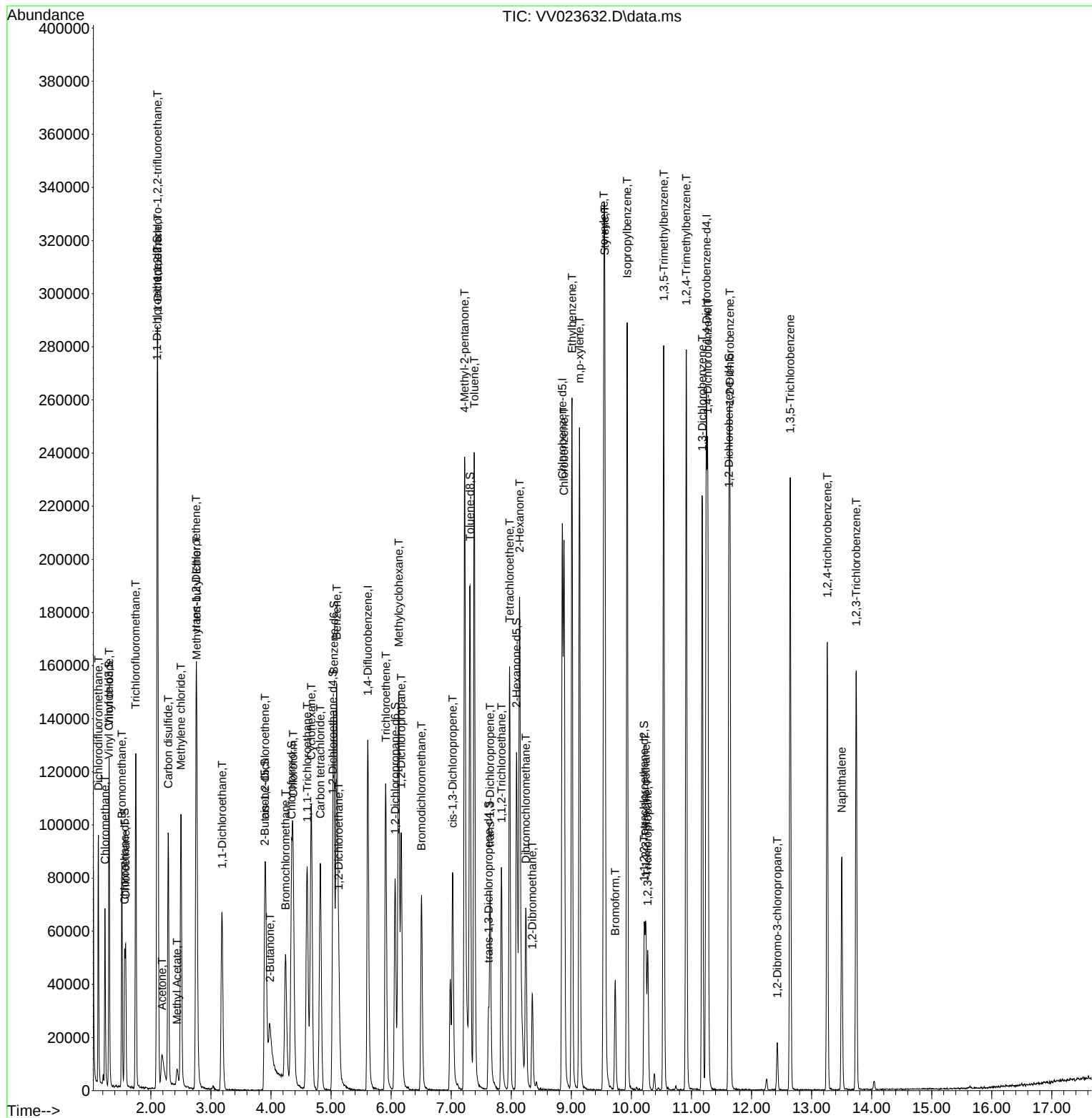
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	41720	5.033	ug/L	97
29) 1,1,1-Trichloroethane	4.603	97	68132	4.829	ug/L	100
30) Cyclohexane	4.670	56	53498	4.231	ug/L	96
31) Carbon tetrachloride	4.822	117	62528	4.934	ug/L	98
33) Benzene	5.095	78	151934	4.679	ug/L	100
34) Trichloroethene	5.912	95	40057	4.639	ug/L	98
35) Methylcyclohexane	6.127	83	59528	4.368	ug/L	96
37) 1,2-Dichloropropane	6.169	63	35212	4.645	ug/L	99
38) Bromodichloromethane	6.506	83	48350	4.759	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	51851	4.756	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	181751	51.695	ug/L	97
42) Toluene	7.384	91	172807	4.976	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	44493	4.918	ug/L	96
45) 1,1,2-Trichloroethane	7.838	97	27550	5.058	ug/L	94
47) Tetrachloroethene	7.973	164	35929	4.801	ug/L	97
48) 2-Hexanone	8.140	43	135193	54.876	ug/L	98
49) Dibromochloromethane	8.243	129	35483	5.141	ug/L	99
50) 1,2-Dibromoethane	8.349	107	24219	4.798	ug/L	97
51) Chlorobenzene	8.879	112	110501	4.787	ug/L	99
52) Ethylbenzene	9.011	91	176809	4.827	ug/L	99
53) m,p-xylene	9.137	106	69061	4.804	ug/L	95
54) o-xylene	9.542	106	67483	5.004	ug/L	95
55) Styrene	9.558	104	116199	5.029	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	28356	4.752	ug/L #	97
59) Bromoform	9.731	173	19550	5.057	ug/L #	99
60) Isopropylbenzene	9.931	105	178898	4.817	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	20319	4.726	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	148752	4.830	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	150544	4.912	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	91968	4.846	ug/L	96
65) 1,4-Dichlorobenzene	11.271	146	91334	4.713	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	83831	4.937	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	4287	4.680	ug/L	86
69) 1,3,5-Trichlorobenzene	12.644	180	71138	4.788	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	53053	4.459	ug/L	99
71) Naphthalene	13.503	128	67868	3.868	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	47886	4.600	ug/L	99

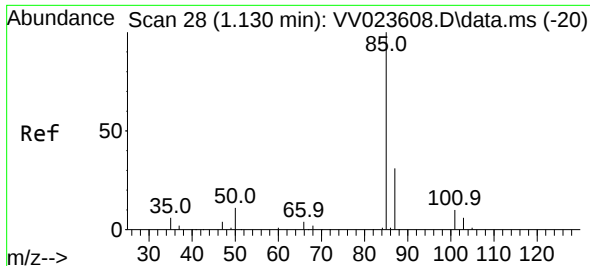
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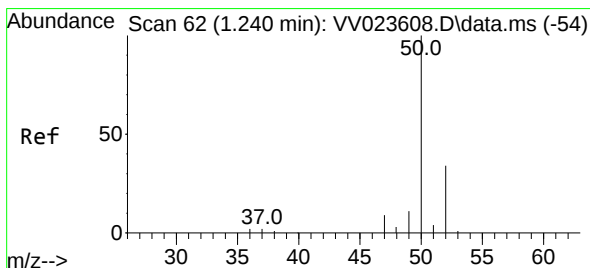
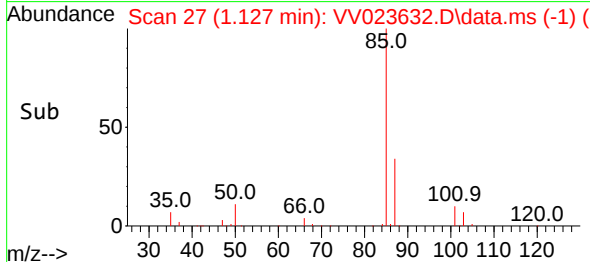
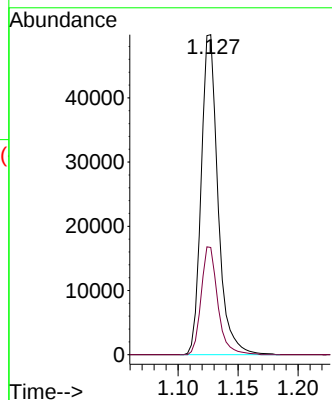
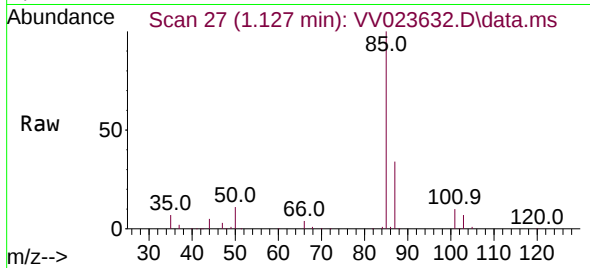




#2
 Dichlorodifluoromethane
 Concen: 4.227 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VV023632.D
 Acq: 19 Nov 2021 10:30

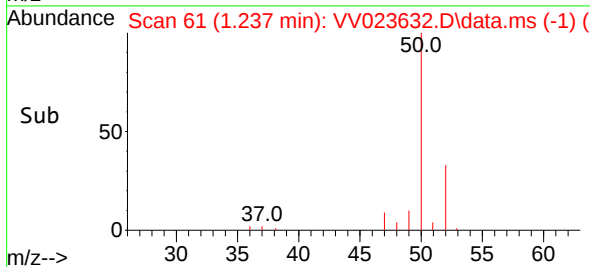
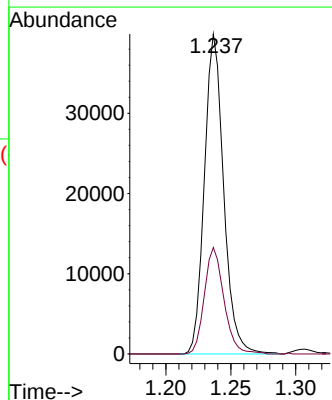
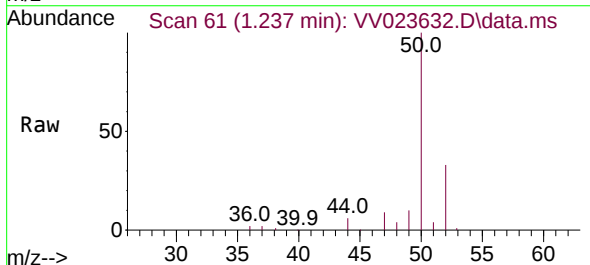
Instrument :
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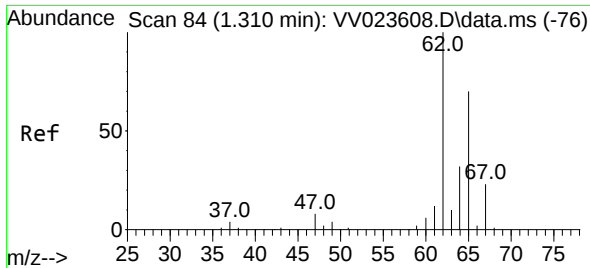
Tgt Ion: 85 Resp: 48683
 Ion Ratio Lower Upper
 85 100
 87 33.2 26.6 39.8



#3
 Chloromethane
 Concen: 4.208 ug/L
 RT: 1.237 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VV023632.D
 Acq: 19 Nov 2021 10:30

Tgt Ion: 50 Resp: 41209
 Ion Ratio Lower Upper
 50 100
 52 33.3 24.3 45.1

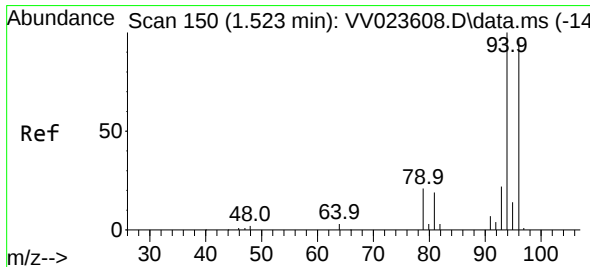
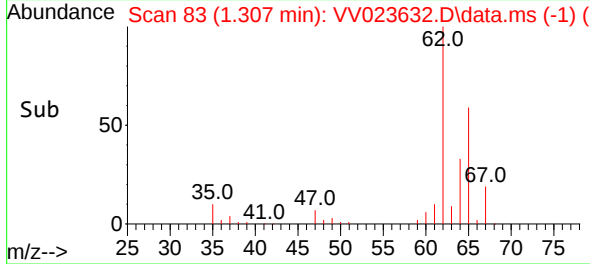
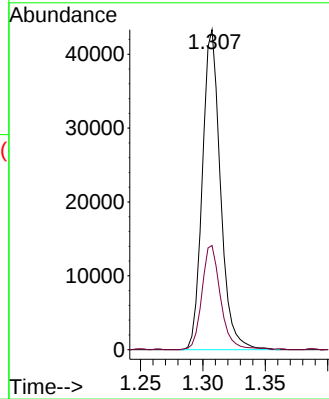
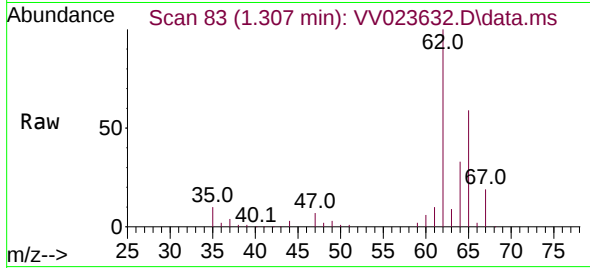




#5
 Vinyl chloride
 Concen: 4.469 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VV023632.D
 Acq: 19 Nov 2021 10:30

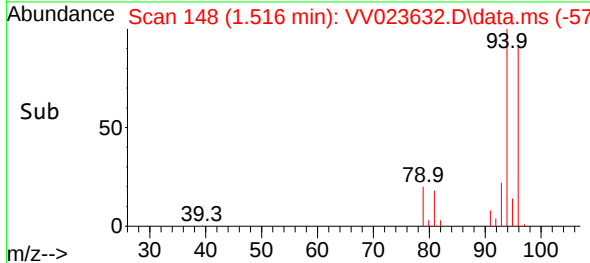
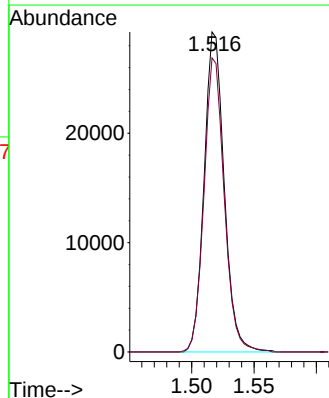
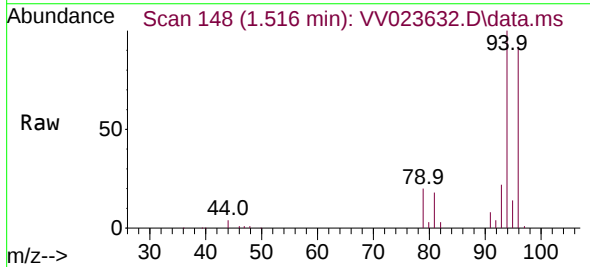
Instrument :
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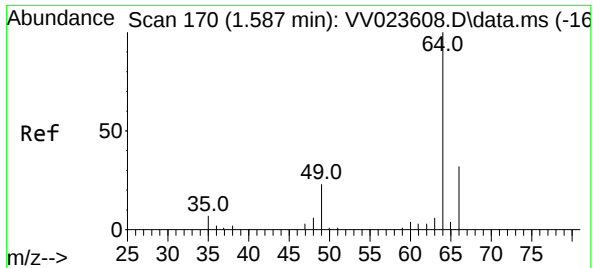
Tgt Ion: 62 Resp: 43703
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.1 42.9



#6
 Bromomethane
 Concen: 5.238 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VV023632.D
 Acq: 19 Nov 2021 10:30

Tgt Ion: 94 Resp: 32747
 Ion Ratio Lower Upper
 94 100
 96 91.9 65.0 120.8

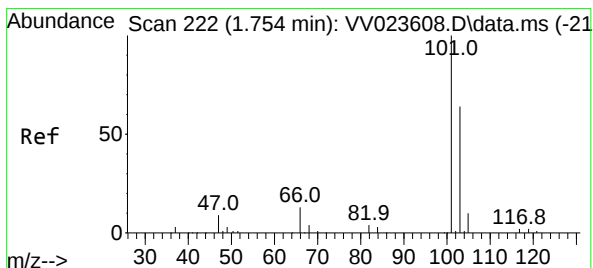
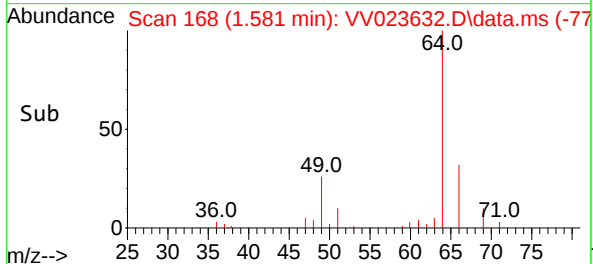
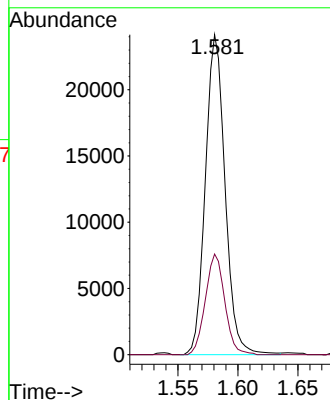
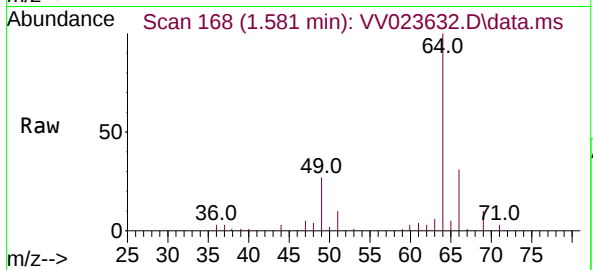




#8
Chloroethane
Concen: 4.891 ug/L
RT: 1.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VV023632.D
Acq: 19 Nov 2021 10:30

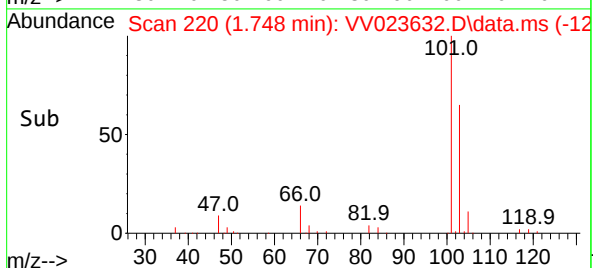
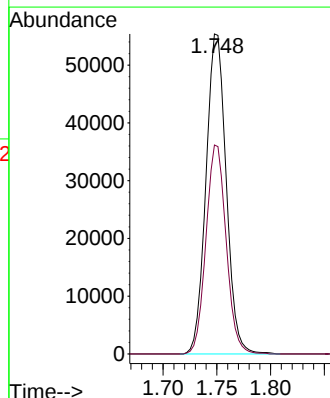
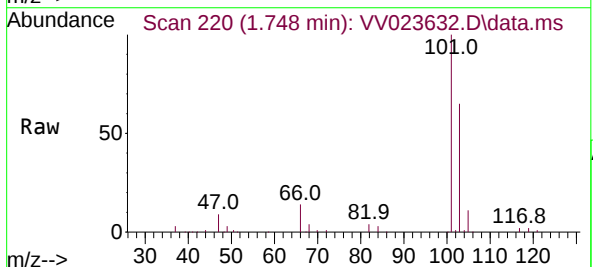
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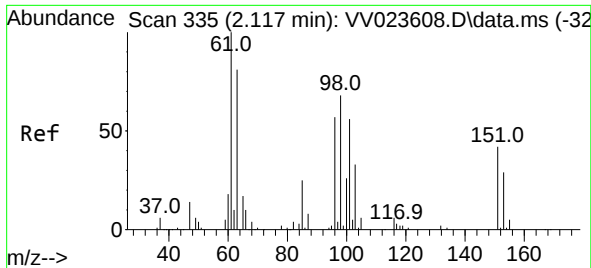
Tgt Ion: 64 Resp: 27606
Ion Ratio Lower Upper
64 100
66 31.4 22.1 41.1



#9
Trichlorofluoromethane
Concen: 4.939 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.006 min
Lab File: VV023632.D
Acq: 19 Nov 2021 10:30

Tgt Ion:101 Resp: 72585
Ion Ratio Lower Upper
101 100
103 65.1 52.6 79.0

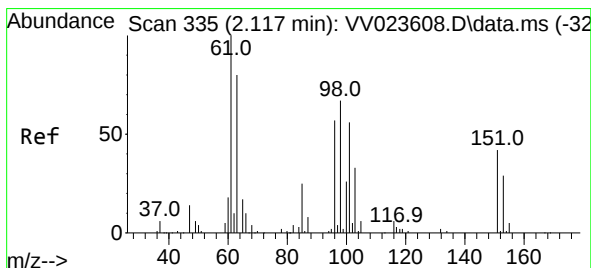
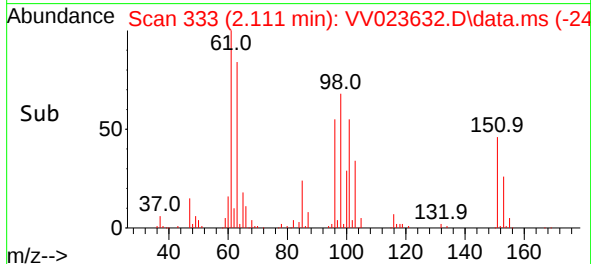
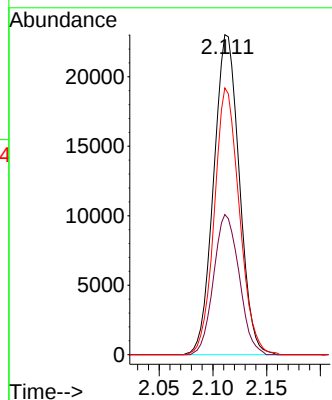
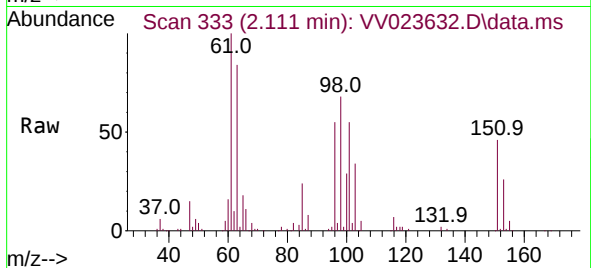




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.164 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.006 min
 Lab File: VV023632.D
 Acq: 19 Nov 2021 10:30

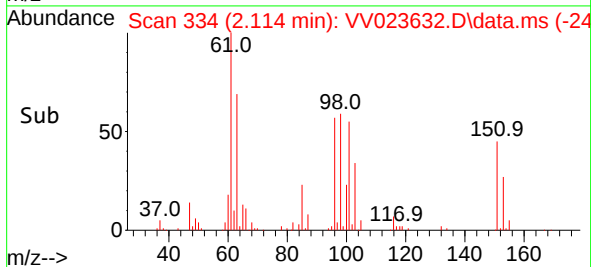
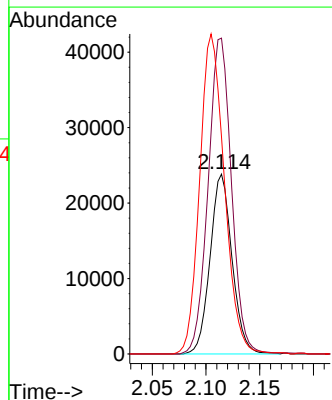
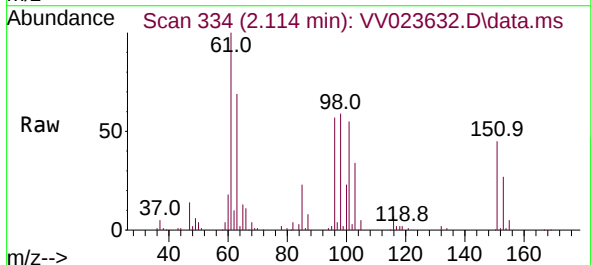
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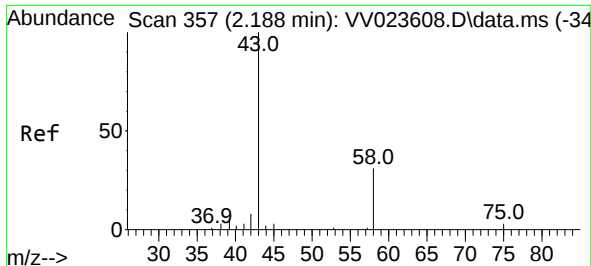
Tgt Ion:101 Resp: 38203
 Ion Ratio Lower Upper
 101 100
 85 43.5 35.3 52.9
 151 81.5 62.2 93.2



#12
 1,1-Dichloroethene
 Concen: 4.812 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.003 min
 Lab File: VV023632.D
 Acq: 19 Nov 2021 10:30

Tgt Ion: 96 Resp: 33892
 Ion Ratio Lower Upper
 96 100
 61 175.5 121.5 225.7
 63 120.8 99.6 185.0





#13

Acetone

Concen: 35.933 ug/L

RT: 2.185 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV023632.D

Acq: 19 Nov 2021 10:30

Instrument :

MSVOA_V

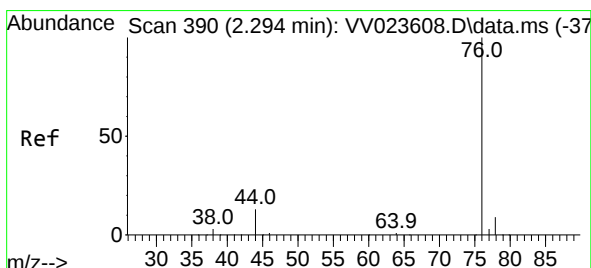
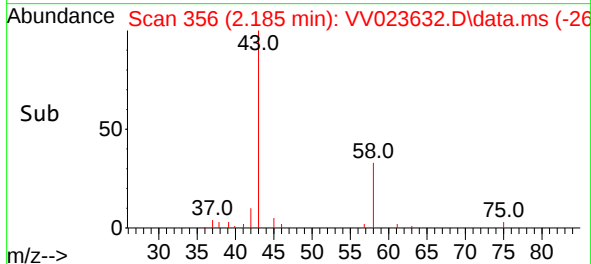
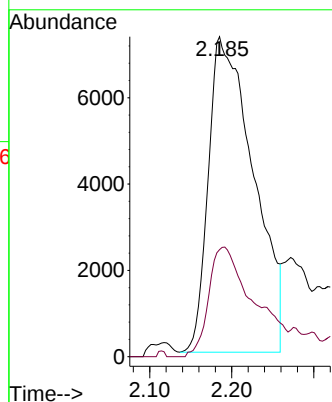
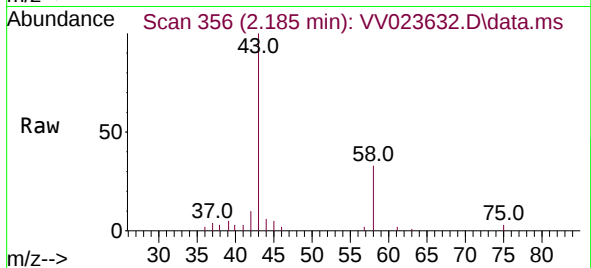
ClientSampleId :

Tgt Ion: 43 Resp: 27990

Ion Ratio Lower Upper

43 100

58 34.9 0.0 55.4



#14

Carbon disulfide

Concen: 3.998 ug/L

RT: 2.288 min Scan# 388

Delta R.T. -0.006 min

Lab File: VV023632.D

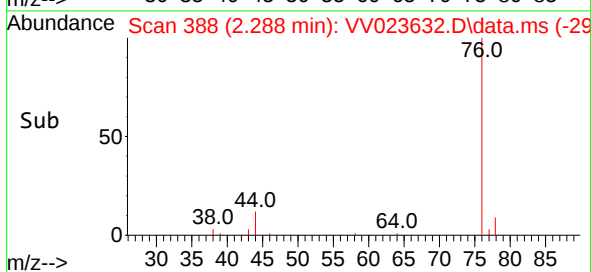
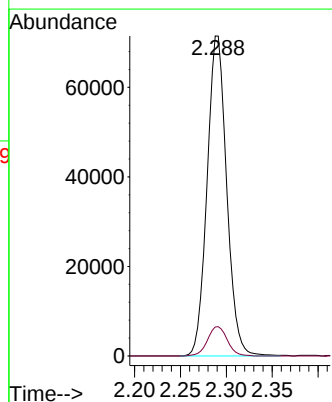
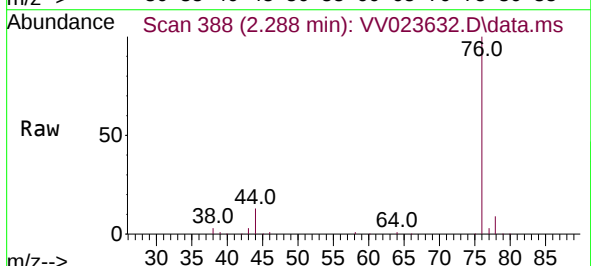
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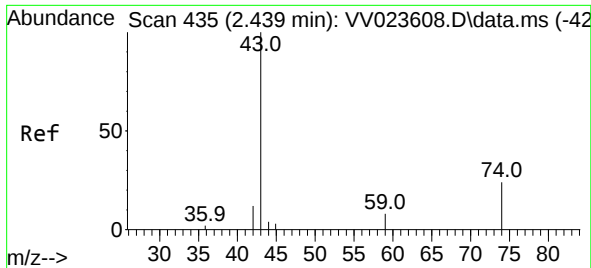
Tgt Ion: 76 Resp: 106264

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8

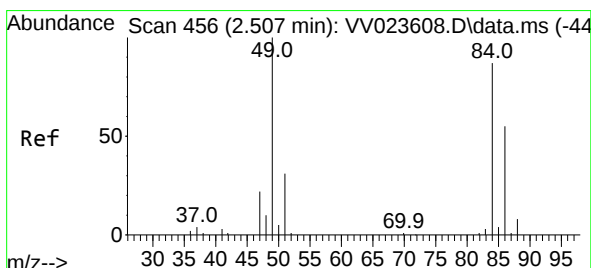
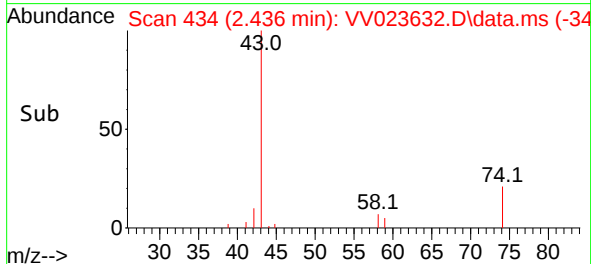
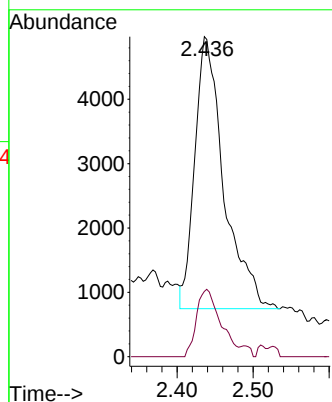
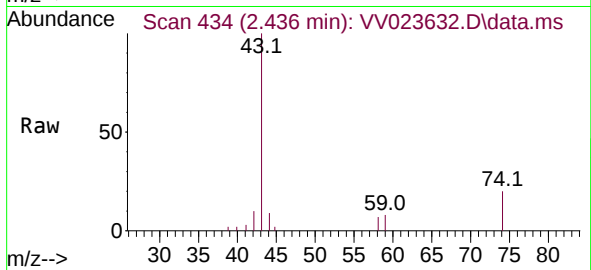




#15
Methyl Acetate
Concen: 5.093 ug/L
RT: 2.436 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV023632.D
Acq: 19 Nov 2021 10:30

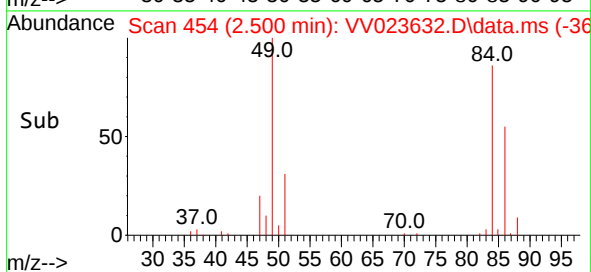
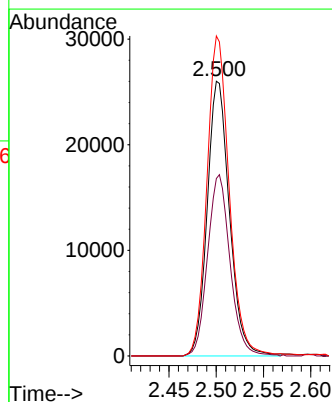
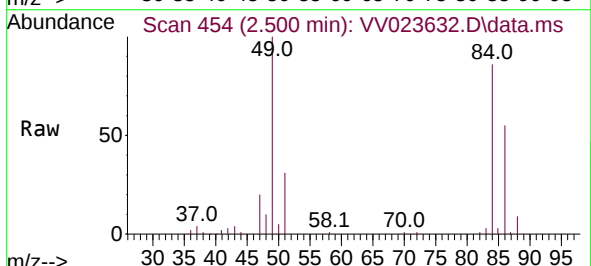
Instrument :
MSVOA_V
ClientSampleId :

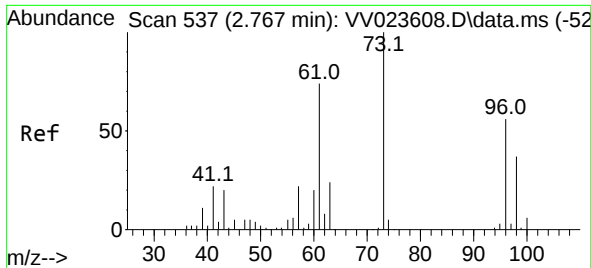
Tgt Ion: 43 Resp: 11227
Ion Ratio Lower Upper
43 100
74 20.5 22.2 33.2#



#16
Methylene chloride
Concen: 4.142 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.006 min
Lab File: VV023632.D
Acq: 19 Nov 2021 10:30

Tgt Ion: 84 Resp: 42573
Ion Ratio Lower Upper
84 100
86 64.6 42.3 78.5
49 116.5 79.7 148.1

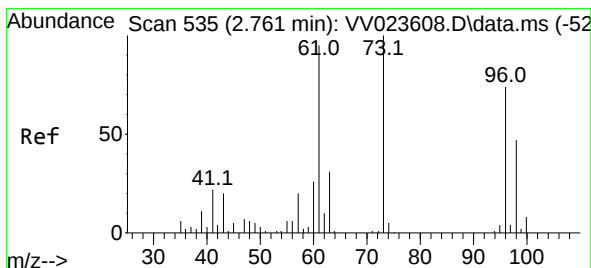
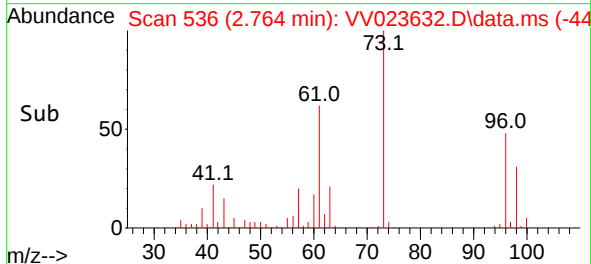
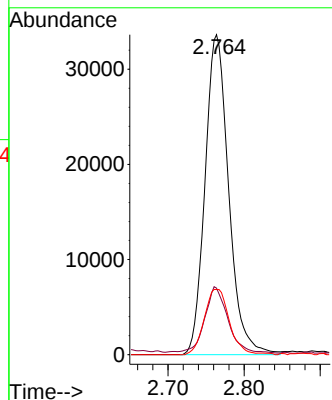
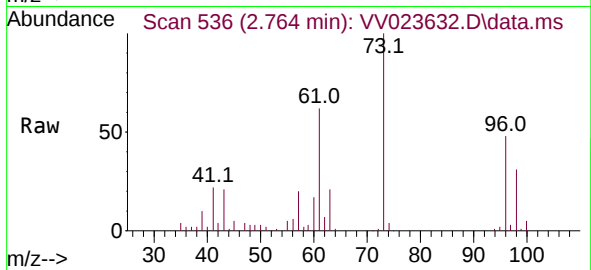




#17
Methyl tert-butyl Ether
Concen: 4.691 ug/L
RT: 2.764 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV023632.D
Acq: 19 Nov 2021 10:30

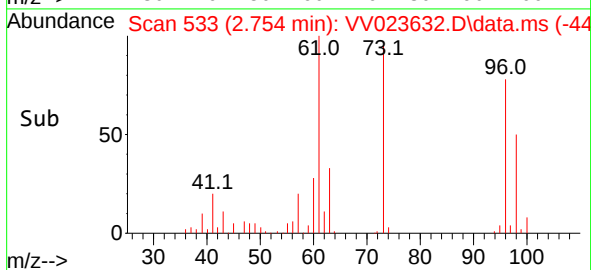
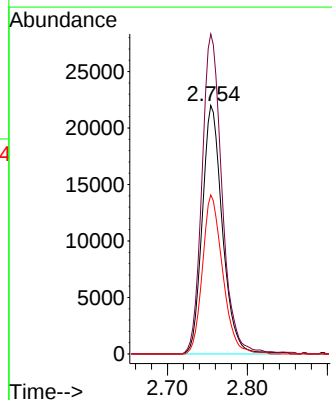
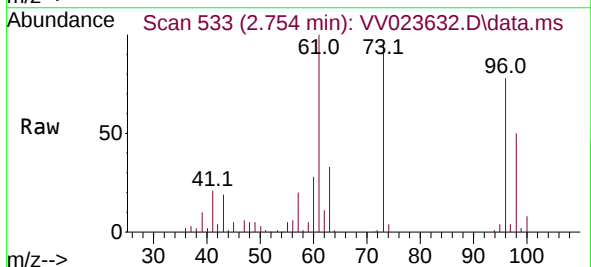
Instrument :
MSVOA_V
ClientSampleId :

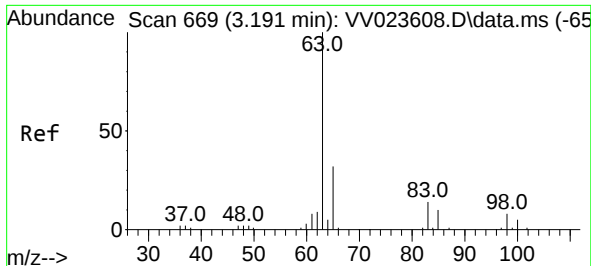
Tgt Ion: 73 Resp: 72733
Ion Ratio Lower Upper
73 100
43 20.3 17.4 26.0
57 21.4 16.5 24.7



#18
trans-1,2-Dichloroethene
Concen: 4.457 ug/L
RT: 2.754 min Scan# 533
Delta R.T. -0.006 min
Lab File: VV023632.D
Acq: 19 Nov 2021 10:30

Tgt Ion: 96 Resp: 38589
Ion Ratio Lower Upper
96 100
61 128.8 93.2 173.2
98 64.0 47.0 87.2





#19

1,1-Dichloroethane

Concen: 4.572 ug/L

RT: 3.185 min Scan# 667

Delta R.T. -0.006 min

Lab File: VV023632.D

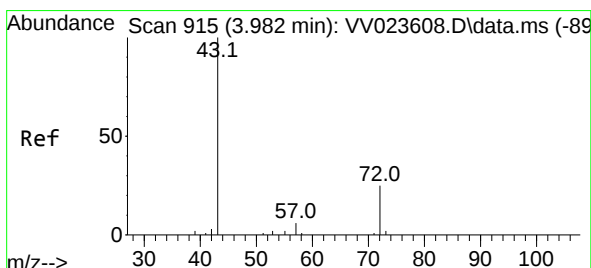
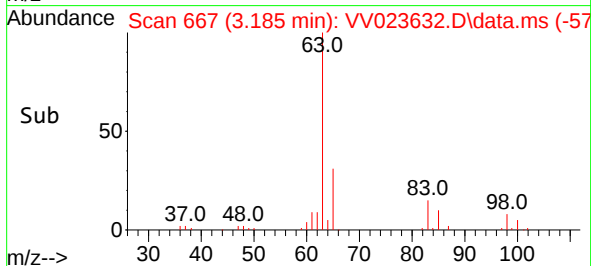
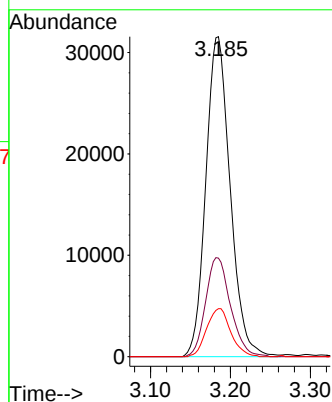
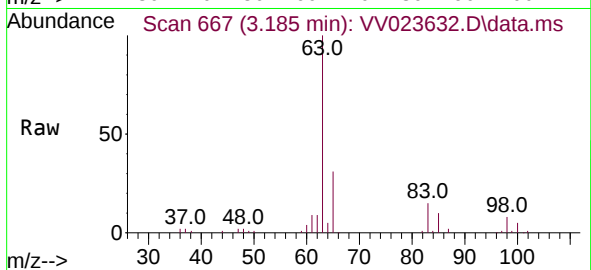
Acq: 19 Nov 2021 10:30

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	63	Resp:	66842
Ion	Ratio	Lower	Upper
63	100		
65	30.8	22.6	42.0
83	15.0	11.1	20.7



#21

2-Butanone

Concen: 34.756 ug/L

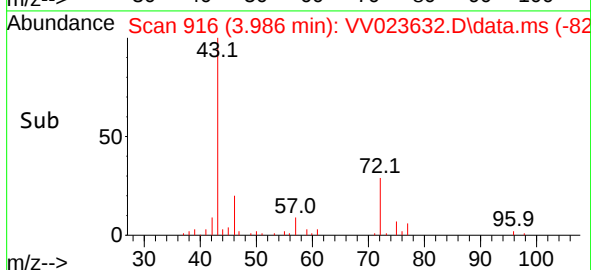
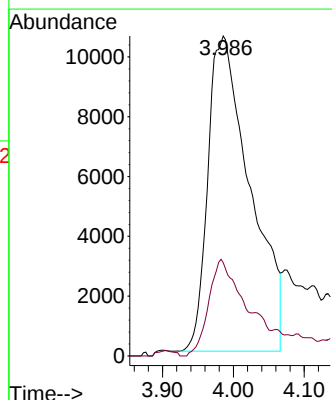
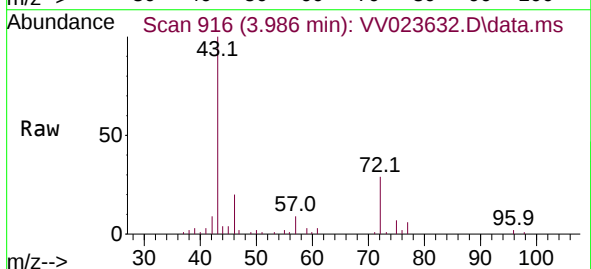
RT: 3.986 min Scan# 916

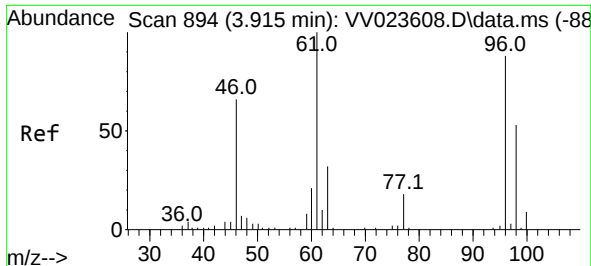
Delta R.T. 0.003 min

Lab File: VV023632.D

Acq: 19 Nov 2021 10:30

Tgt Ion:	43	Resp:	43771
Ion	Ratio	Lower	Upper
43	100		
72	27.1	11.9	35.9

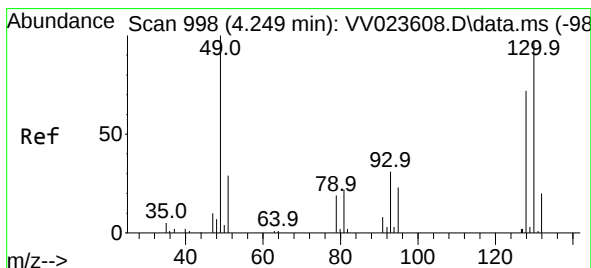
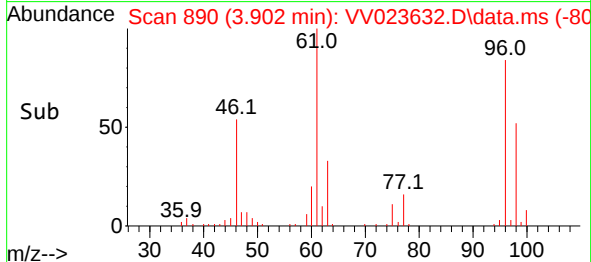
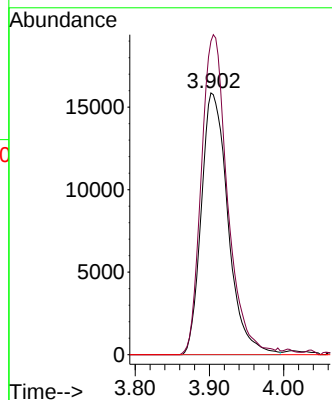
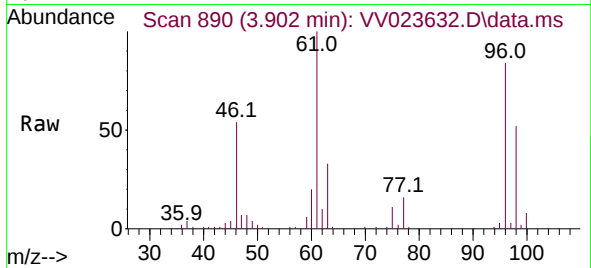




#22
 cis-1,2-Dichloroethene
 Concen: 4.761 ug/L
 RT: 3.902 min Scan# 894
 Delta R.T. -0.013 min
 Lab File: VV023632.D
 Acq: 19 Nov 2021 10:30

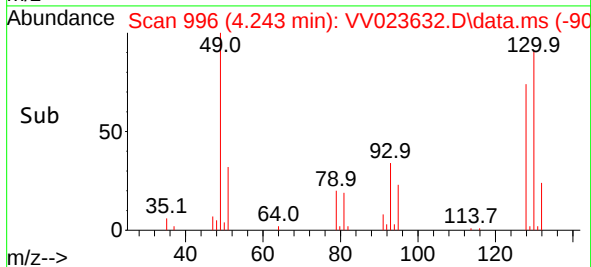
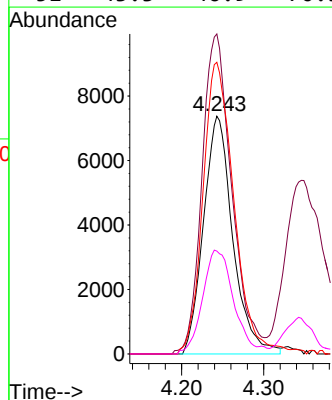
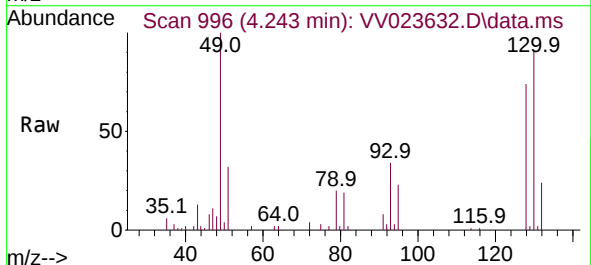
Instrument :
 MSVOA_V
 ClientSampleId :

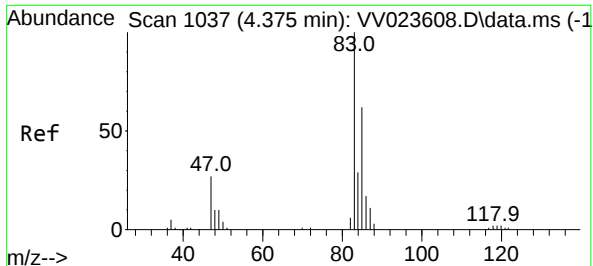
Tgt Ion: 96 Resp: 39675
 Ion Ratio Lower Upper
 96 100
 61 119.7 92.3 171.3
 68 0.0 0.4 0.8#



#23
 Bromochloromethane
 Concen: 4.770 ug/L
 RT: 4.243 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VV023632.D
 Acq: 19 Nov 2021 10:30

Tgt Ion: 128 Resp: 18329
 Ion Ratio Lower Upper
 128 100
 49 134.6 126.1 234.3
 130 122.7 95.2 176.8
 51 43.3 46.9 70.3#





#25

Chloroform

Concen: 4.947 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. -0.006 min

Lab File: VV023632.D

Acq: 19 Nov 2021 10:30

Instrument :

MSVOA_V

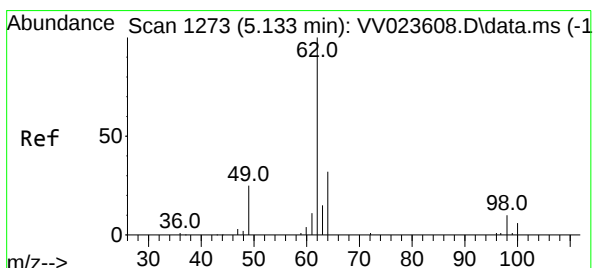
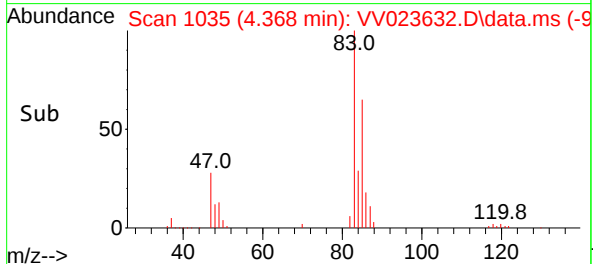
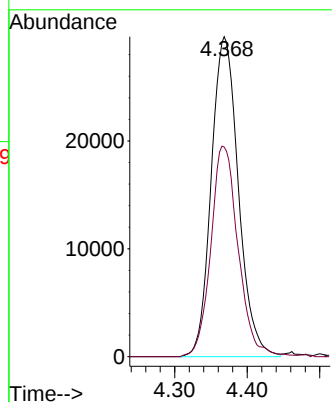
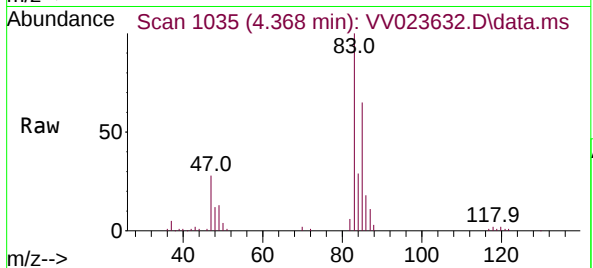
ClientSampleId :

Tgt Ion: 83 Resp: 77090

Ion Ratio Lower Upper

83 100

85 65.5 46.8 86.8



#27

1,2-Dichloroethane

Concen: 5.033 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. -0.006 min

Lab File: VV023632.D

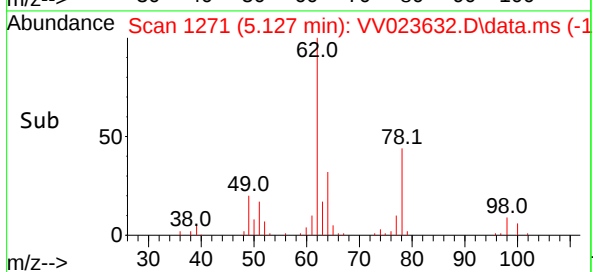
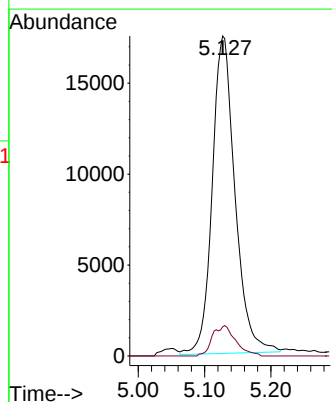
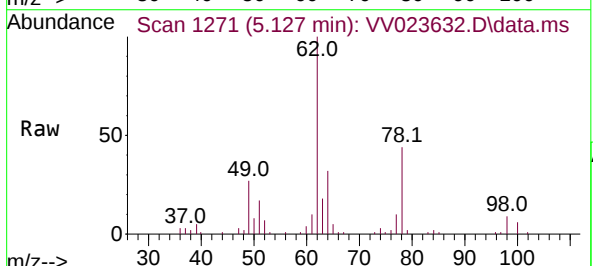
Acq: 19 Nov 2021 10:30

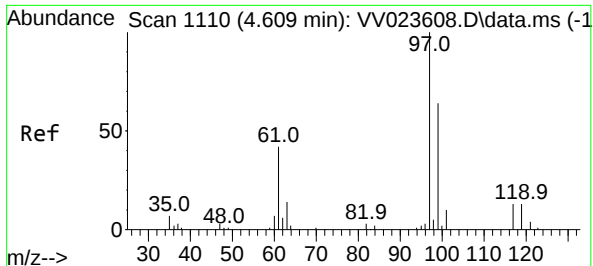
Tgt Ion: 62 Resp: 41720

Ion Ratio Lower Upper

62 100

98 9.1 8.2 12.4





#29

1,1,1-Trichloroethane

Concen: 4.829 ug/L

RT: 4.603 min Scan# 1110

Delta R.T. -0.006 min

Lab File: VV023632.D

Acq: 19 Nov 2021 10:30

Instrument :

MSVOA_V

ClientSampleId :

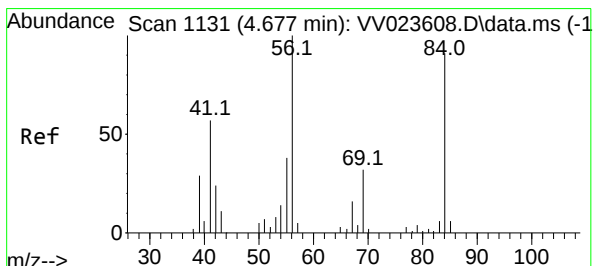
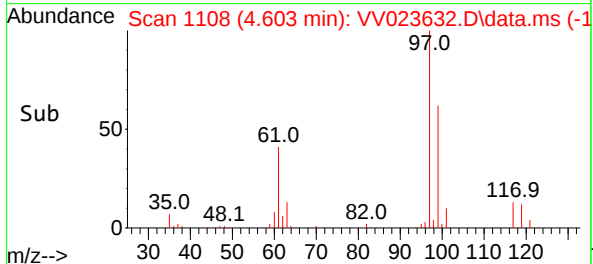
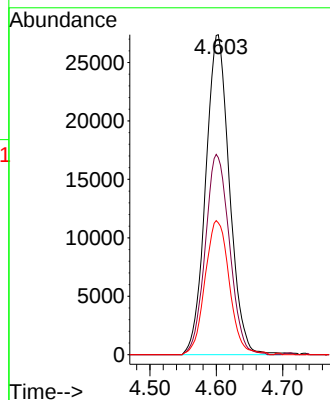
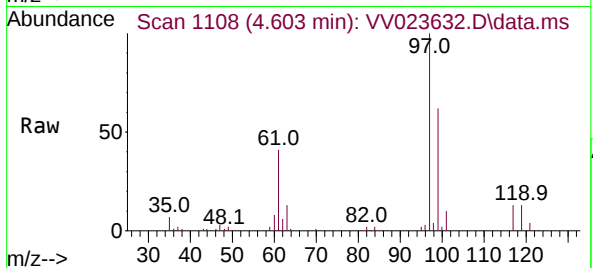
Tgt Ion: 97 Resp: 68132

Ion Ratio Lower Upper

97 100

99 63.9 51.0 76.4

61 43.0 34.1 51.1



#30

Cyclohexane

Concen: 4.231 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VV023632.D

Acq: 19 Nov 2021 10:30

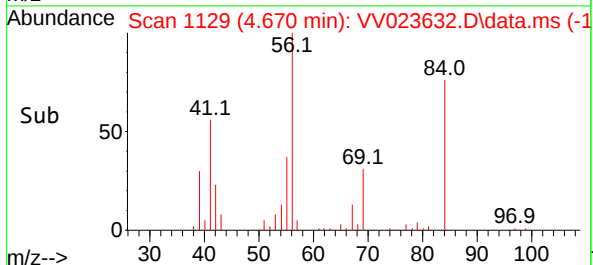
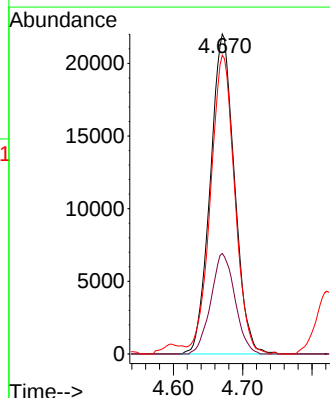
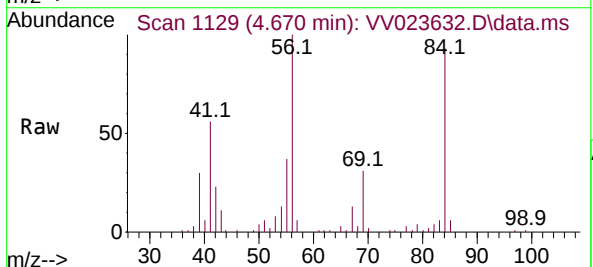
Tgt Ion: 56 Resp: 53498

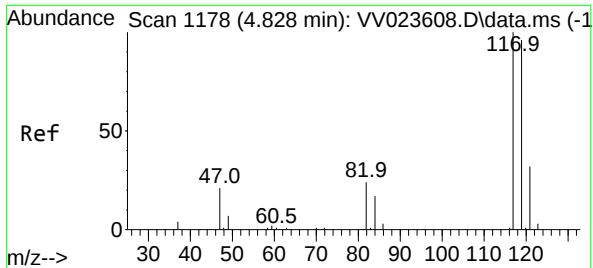
Ion Ratio Lower Upper

56 100

69 31.2 23.5 35.3

84 93.2 71.6 107.4

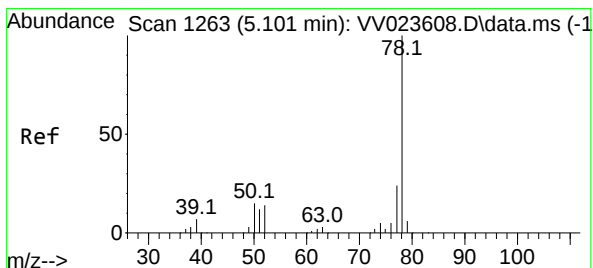
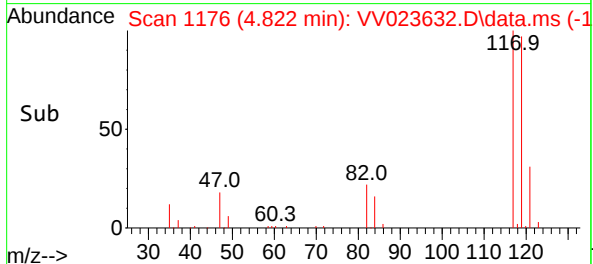
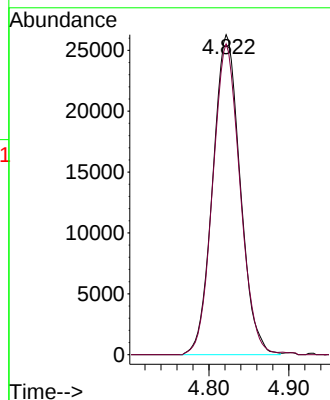
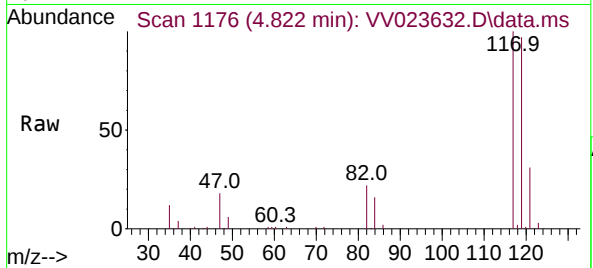




#31
Carbon tetrachloride
Concen: 4.934 ug/L
RT: 4.822 min Scan# 1178
Delta R.T. -0.006 min
Lab File: VV023632.D
Acq: 19 Nov 2021 10:30

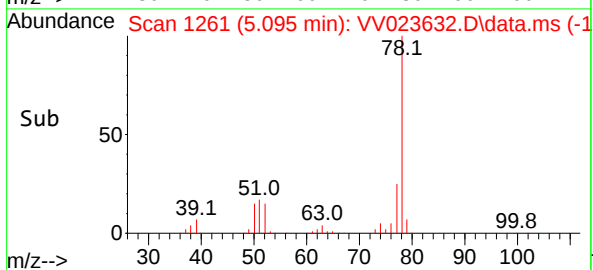
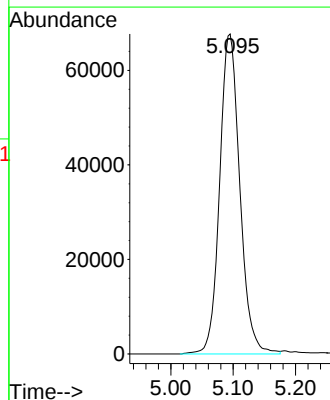
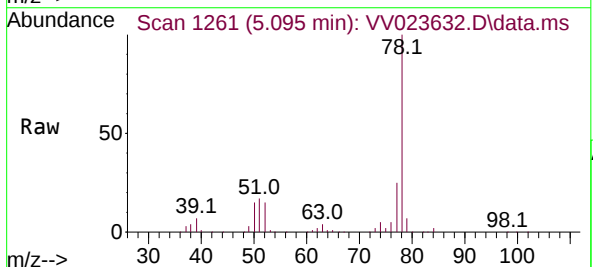
Instrument :
MSVOA_V
ClientSampleId :

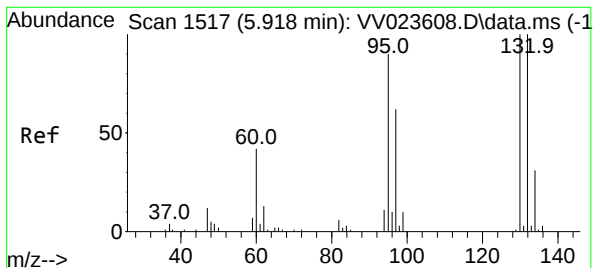
Tgt Ion:117 Resp: 62528
Ion Ratio Lower Upper
117 100
119 96.7 78.8 118.2



#33
Benzene
Concen: 4.679 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.006 min
Lab File: VV023632.D
Acq: 19 Nov 2021 10:30

Tgt Ion: 78 Resp: 151934





#34

Trichloroethene

Concen: 4.639 ug/L

RT: 5.912 min Scan# 1

Delta R.T. -0.006 min

Lab File: VV023632.D

Acq: 19 Nov 2021 10:30

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 40057

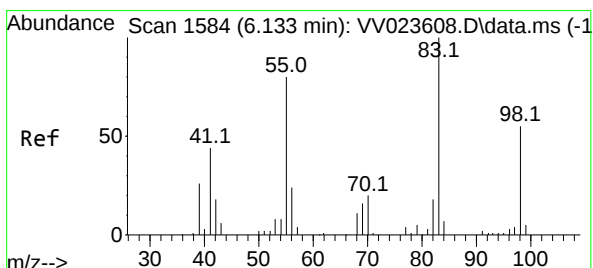
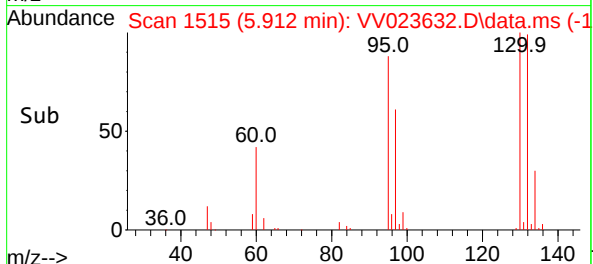
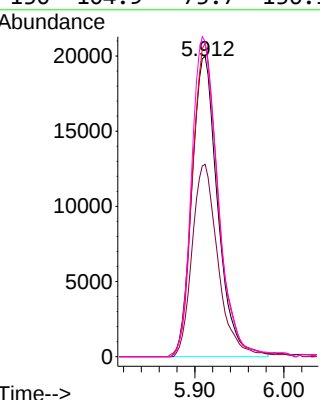
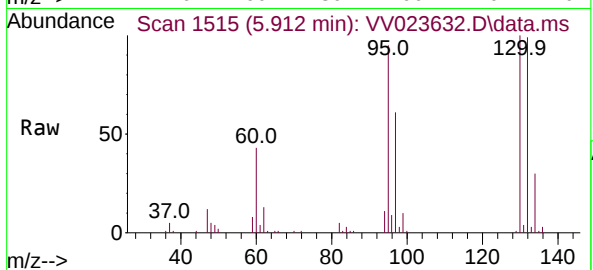
Ion Ratio Lower Upper

95 100

97 64.1 45.0 83.6

132 104.4 69.7 129.4

130 104.9 73.7 136.9



#35

Methylcyclohexane

Concen: 4.368 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. -0.006 min

Lab File: VV023632.D

Acq: 19 Nov 2021 10:30

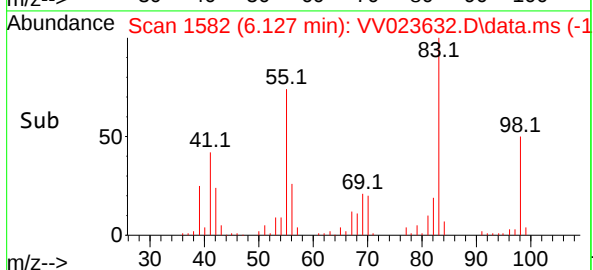
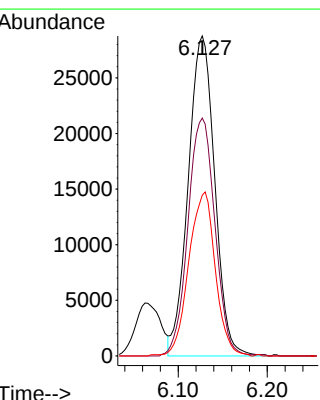
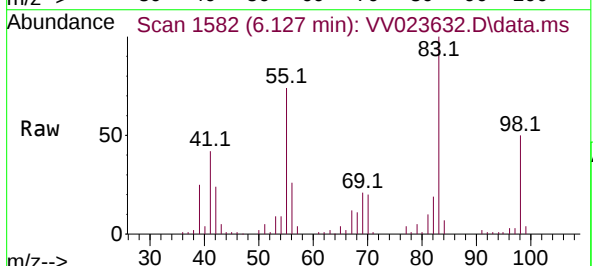
Tgt Ion: 83 Resp: 59528

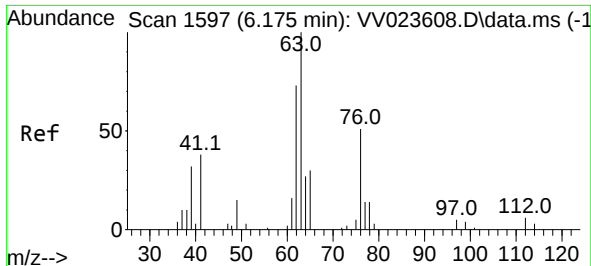
Ion Ratio Lower Upper

83 100

55 75.6 62.8 94.2

98 51.3 37.9 56.9





#37

1,2-Dichloropropane

Concen: 4.645 ug/L

RT: 6.169 min Scan# 1

Delta R.T. -0.006 min

Lab File: VV023632.D

Acq: 19 Nov 2021 10:30

Instrument :

MSVOA_V

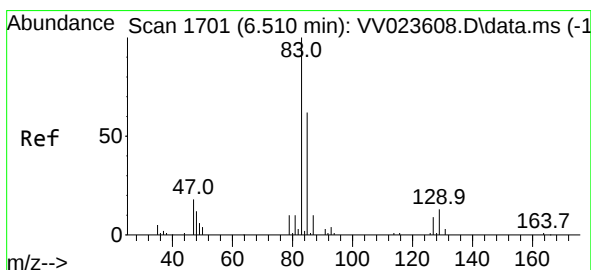
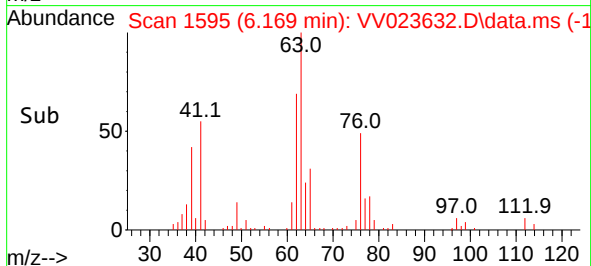
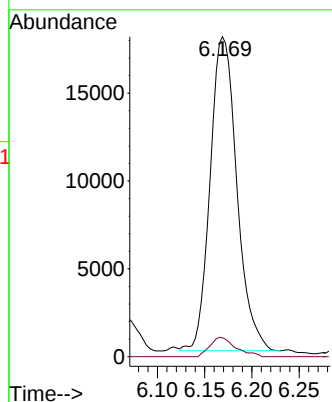
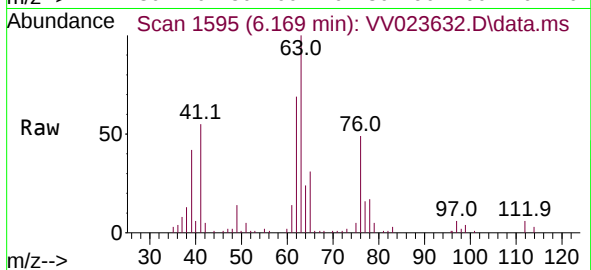
ClientSampleId :

Tgt Ion: 63 Resp: 35212

Ion Ratio Lower Upper

63 100

112 5.9 4.6 6.8



#38

Bromodichloromethane

Concen: 4.759 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. -0.003 min

Lab File: VV023632.D

Acq: 19 Nov 2021 10:30

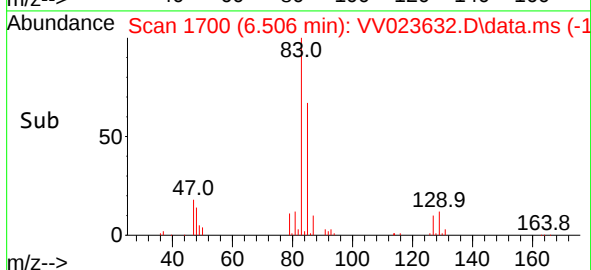
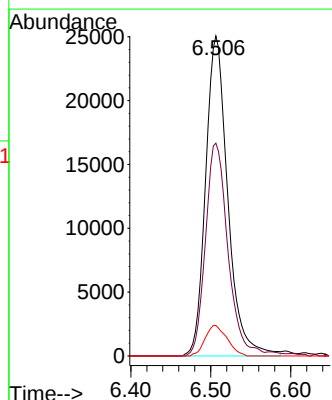
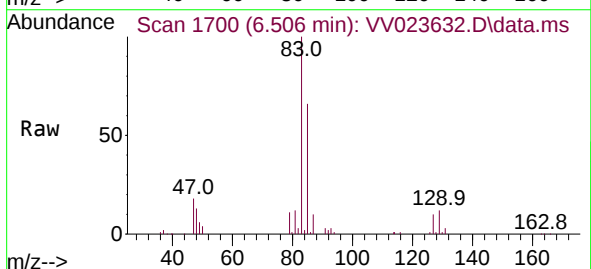
Tgt Ion: 83 Resp: 48350

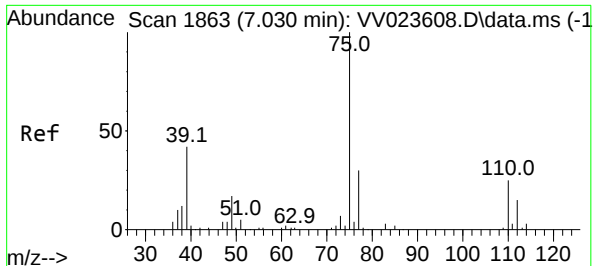
Ion Ratio Lower Upper

83 100

85 66.5 46.1 85.7

127 9.5 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.756 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. -0.006 min

Lab File: VV023632.D

Acq: 19 Nov 2021 10:30

Instrument :

MSVOA_V

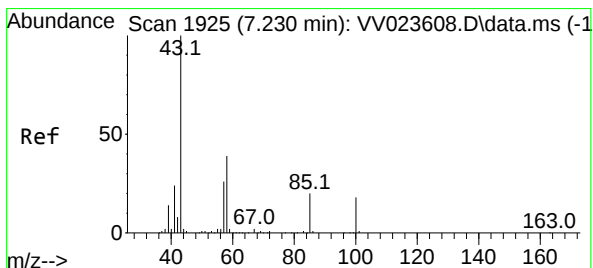
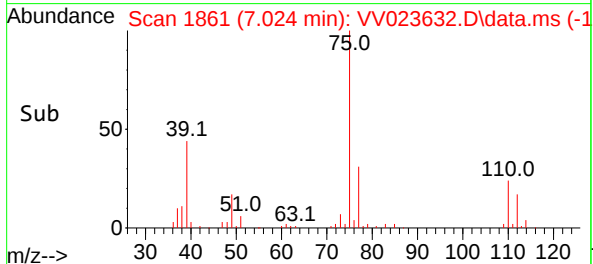
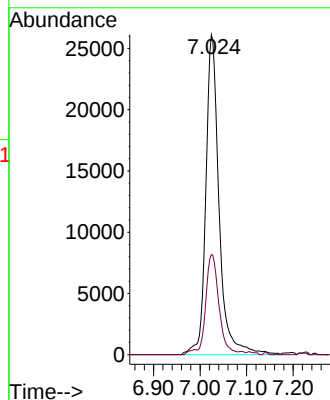
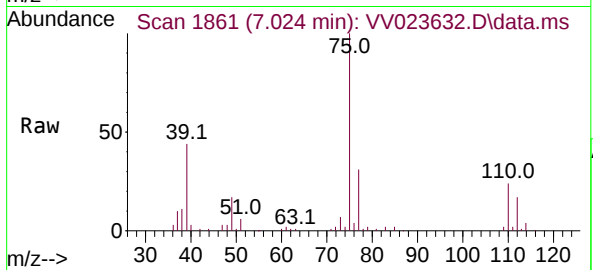
ClientSampleId :

Tgt Ion: 75 Resp: 51851

Ion Ratio Lower Upper

75 100

77 31.3 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 51.695 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.006 min

Lab File: VV023632.D

Acq: 19 Nov 2021 10:30

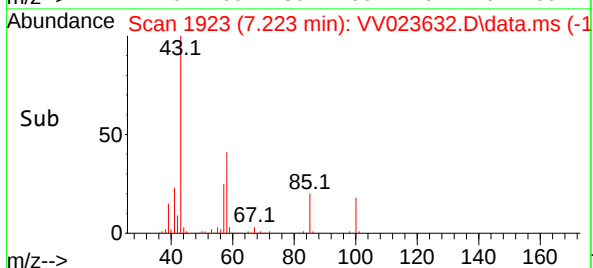
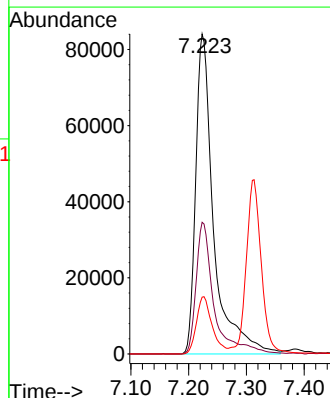
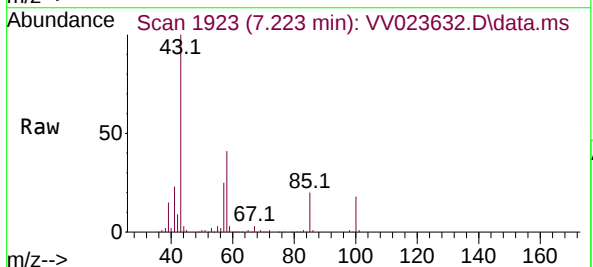
Tgt Ion: 43 Resp: 181751

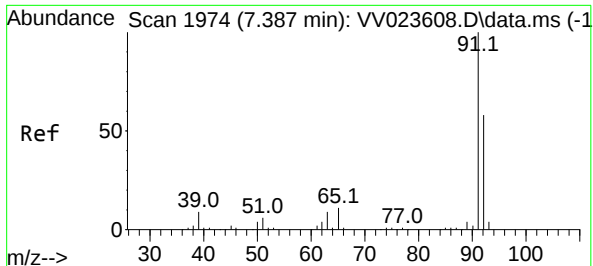
Ion Ratio Lower Upper

43 100

58 41.1 31.1 46.7

100 15.8 12.6 19.0





#42

Toluene

Concen: 4.976 ug/L

RT: 7.384 min Scan# 1974

Delta R.T. -0.003 min

Lab File: VV023632.D

Acq: 19 Nov 2021 10:30

Instrument :

MSVOA_V

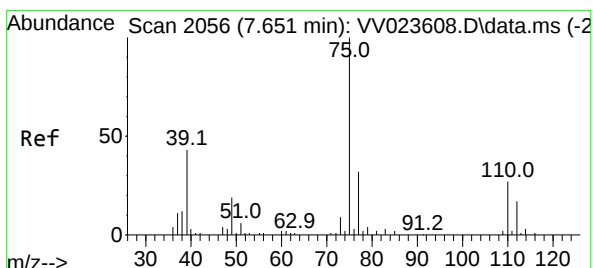
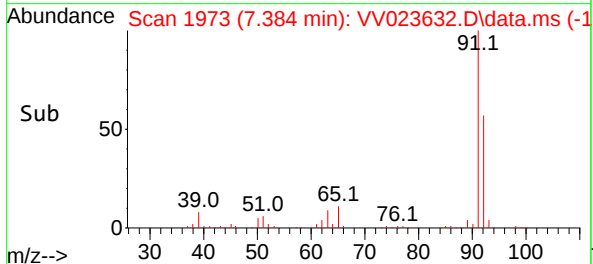
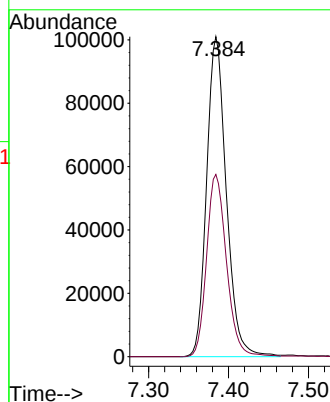
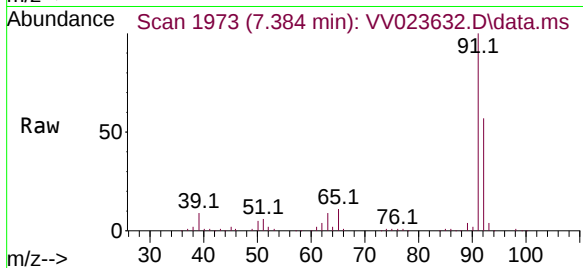
ClientSampleId :

Tgt Ion: 91 Resp: 172807

Ion Ratio Lower Upper

91 100

92 57.0 39.3 72.9



#44

trans-1,3-Dichloropropene

Concen: 4.918 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.003 min

Lab File: VV023632.D

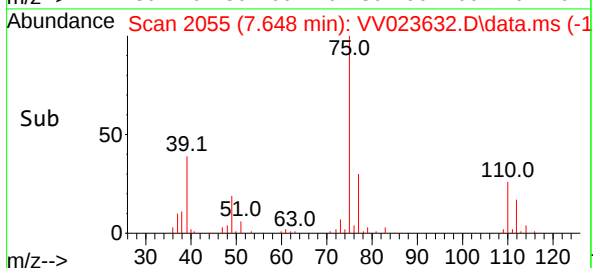
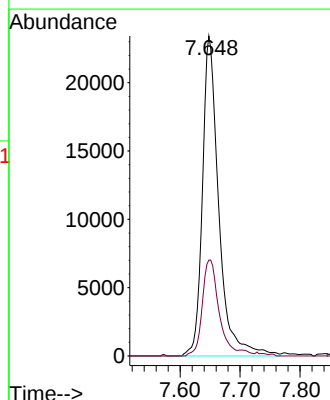
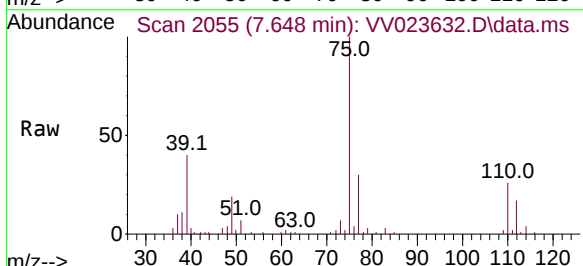
Acq: 19 Nov 2021 10:30

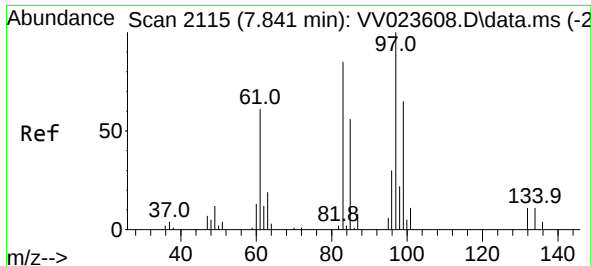
Tgt Ion: 75 Resp: 44493

Ion Ratio Lower Upper

75 100

77 30.0 22.5 41.7

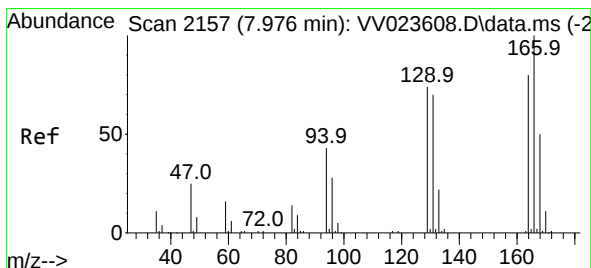
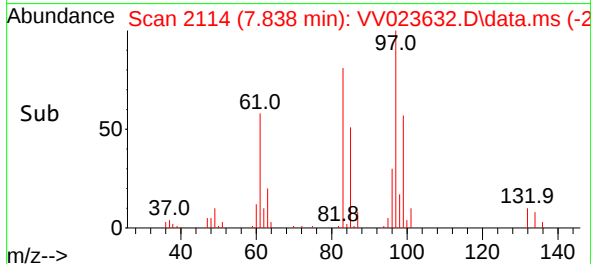
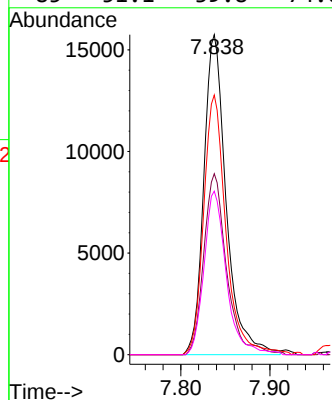
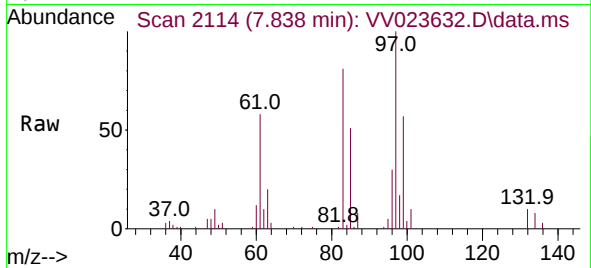




#45
1,1,2-Trichloroethane
Concen: 5.058 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. -0.003 min
Lab File: VV023632.D
Acq: 19 Nov 2021 10:30

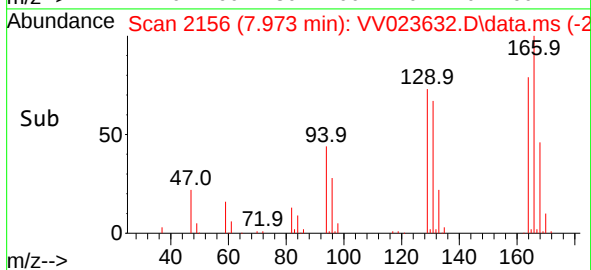
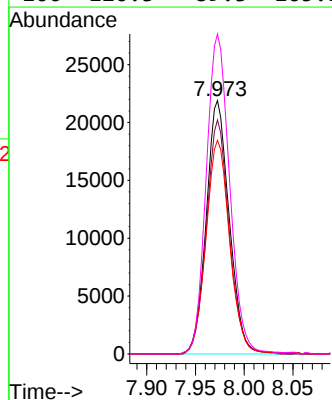
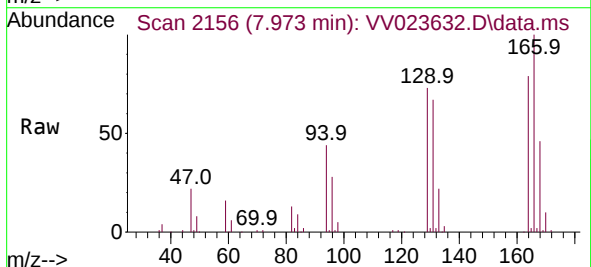
Instrument :
MSVOA_V
ClientSampleId :

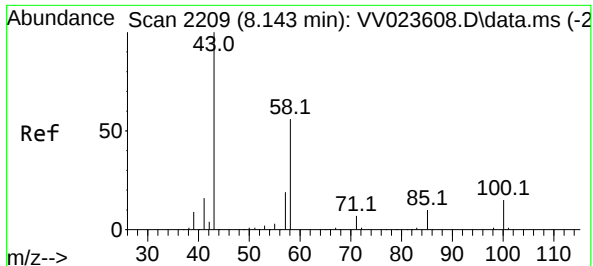
Tgt Ion: 97	Resp: 27550
Ion Ratio	Lower Upper
97 100	
99 56.5	43.6 81.0
83 81.2	58.4 108.4
85 51.1	39.8 74.0



#47
Tetrachloroethene
Concen: 4.801 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. -0.003 min
Lab File: VV023632.D
Acq: 19 Nov 2021 10:30

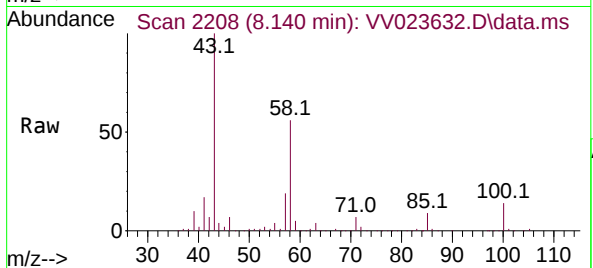
Tgt	Ion:164	Resp:	35929
Ion	Ratio	Lower	Upper
164	100		
129	92.3	64.0	119.0
131	84.3	63.4	117.8
166	126.3	89.3	165.9



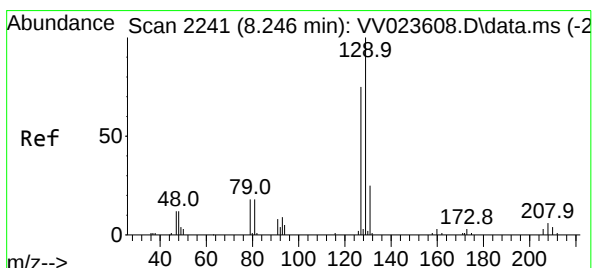
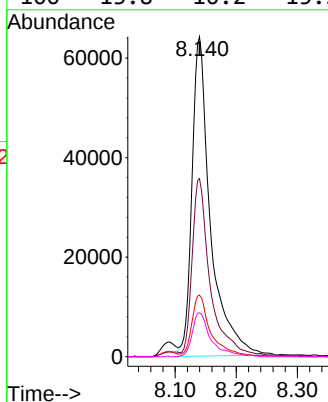
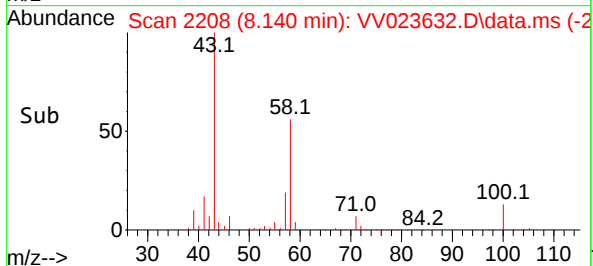


#48
2-Hexanone
Concen: 54.876 ug/L
RT: 8.140 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV023632.D
Acq: 19 Nov 2021 10:30

Instrument :
MSVOA_V
ClientSampleId :

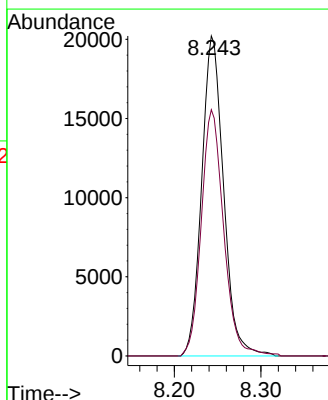
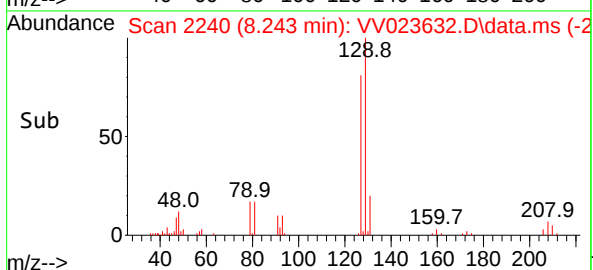
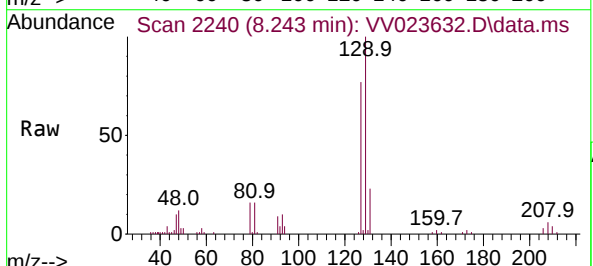


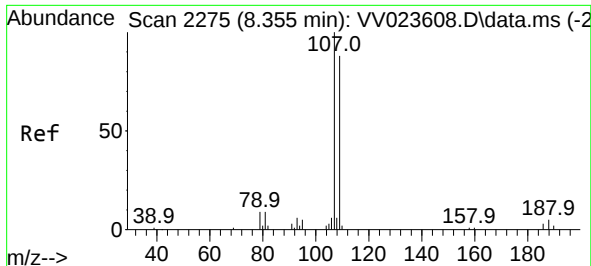
Tgt Ion: 43 Resp: 135193
Ion Ratio Lower Upper
43 100
58 53.4 43.7 65.5
57 19.0 14.1 21.1
100 13.8 10.2 15.2



#49
Dibromochloromethane
Concen: 5.141 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.003 min
Lab File: VV023632.D
Acq: 19 Nov 2021 10:30

Tgt Ion: 129 Resp: 35483
Ion Ratio Lower Upper
129 100
127 76.9 54.7 101.7





#50

1,2-Dibromoethane

Concen: 4.798 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.006 min

Lab File: VV023632.D

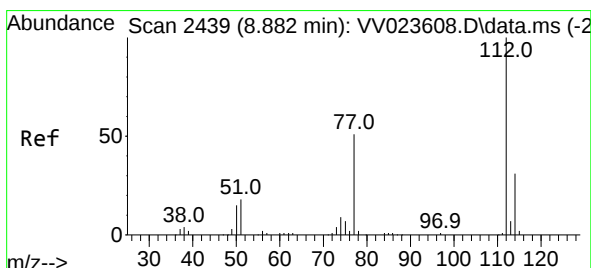
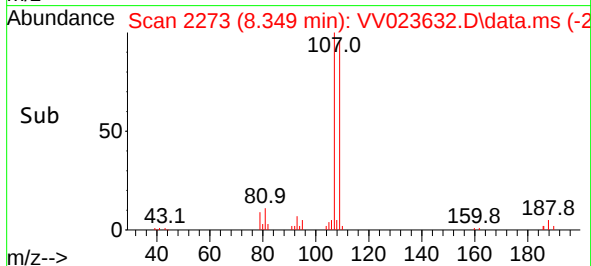
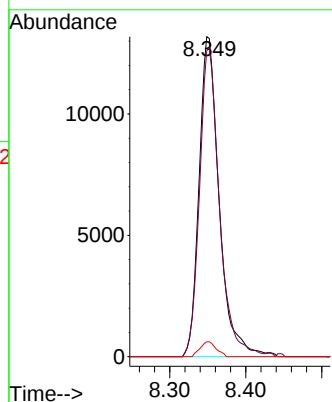
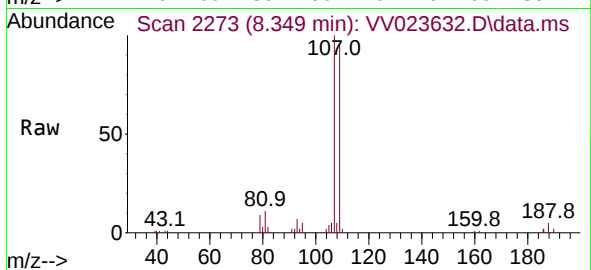
Acq: 19 Nov 2021 10:30

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	24219
Ion Ratio	Lower	Upper
107	100	
109	95.7	64.7 120.1
188	4.6	3.6 5.4



#51

Chlorobenzene

Concen: 4.787 ug/L

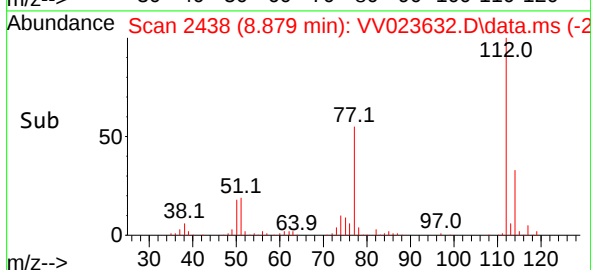
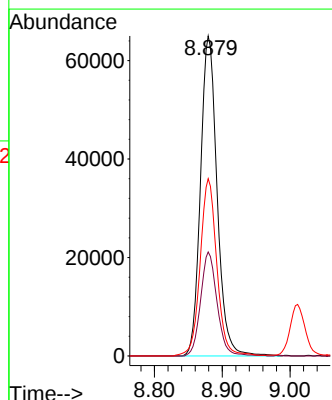
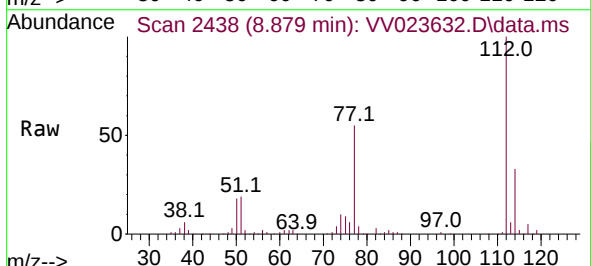
RT: 8.879 min Scan# 2438

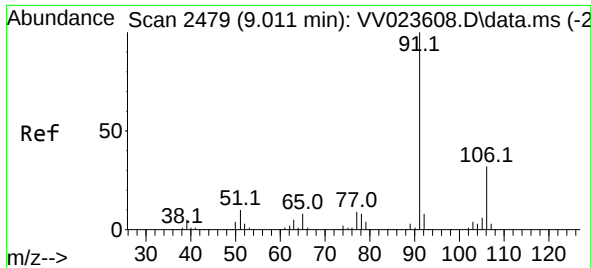
Delta R.T. -0.003 min

Lab File: VV023632.D

Acq: 19 Nov 2021 10:30

Tgt Ion:112	Resp:	110501
Ion Ratio	Lower	Upper
112	100	
114	32.5	22.0 40.8
77	55.4	44.4 66.6

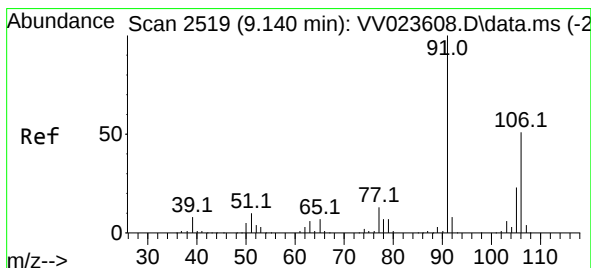
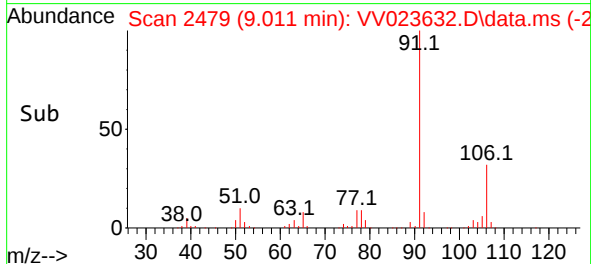
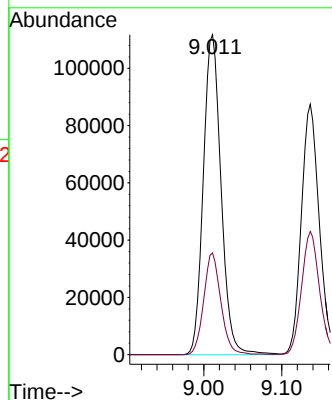
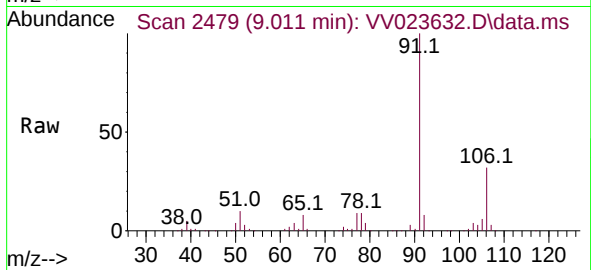




#52
Ethylbenzene
Concen: 4.827 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV023632.D
Acq: 19 Nov 2021 10:30

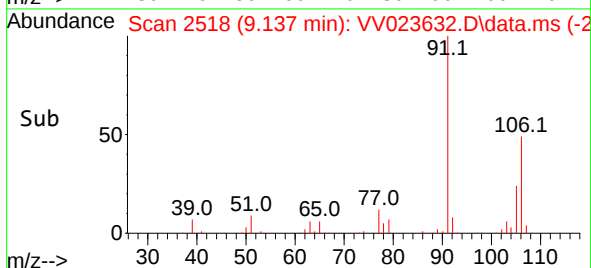
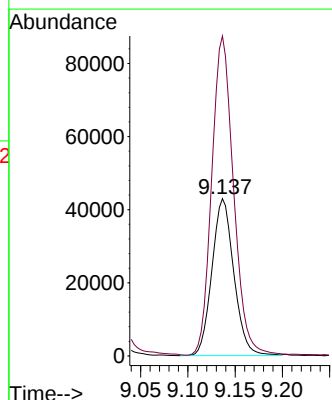
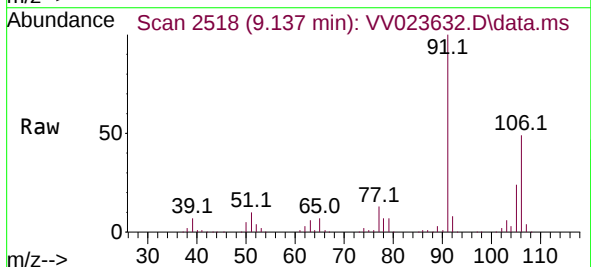
Instrument :
MSVOA_V
ClientSampleId :

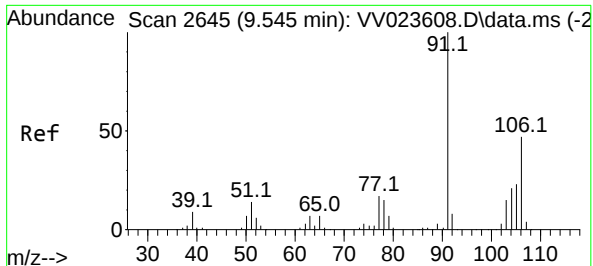
Tgt Ion: 91 Resp: 176809
Ion Ratio Lower Upper
91 100
106 31.8 22.5 41.9



#53
m,p-xylene
Concen: 4.804 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. -0.003 min
Lab File: VV023632.D
Acq: 19 Nov 2021 10:30

Tgt Ion: 106 Resp: 69061
Ion Ratio Lower Upper
106 100
91 203.4 137.2 254.8

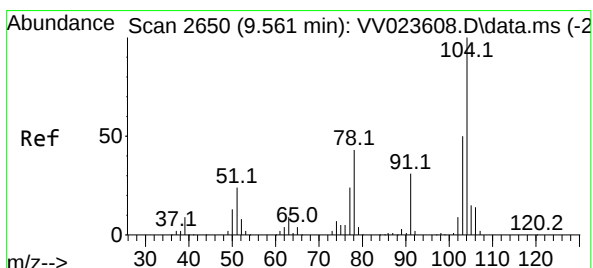
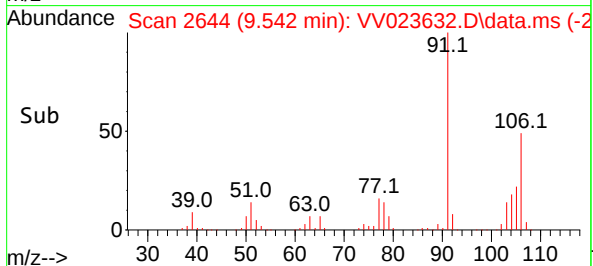
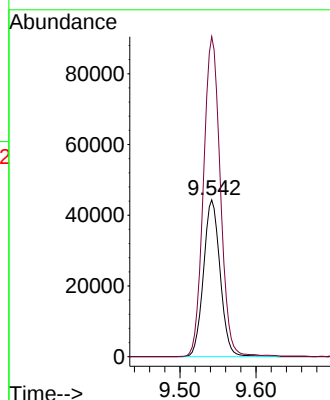
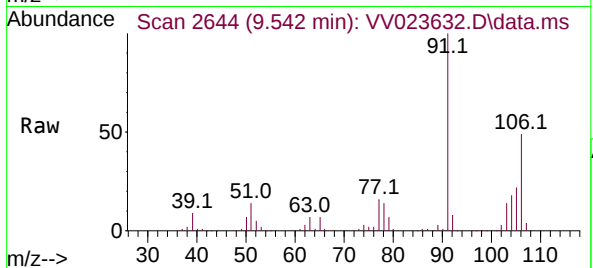




#54
o-xylene
Concen: 5.004 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.003 min
Lab File: VV023632.D
Acq: 19 Nov 2021 10:30

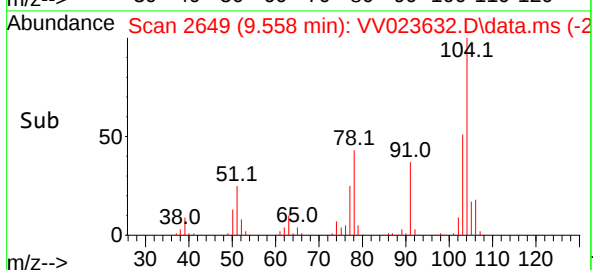
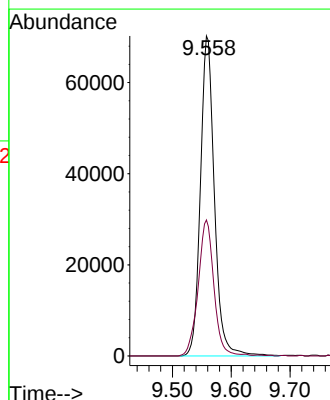
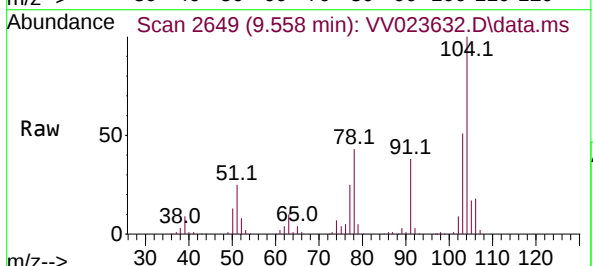
Instrument :
MSVOA_V
ClientSampleId :

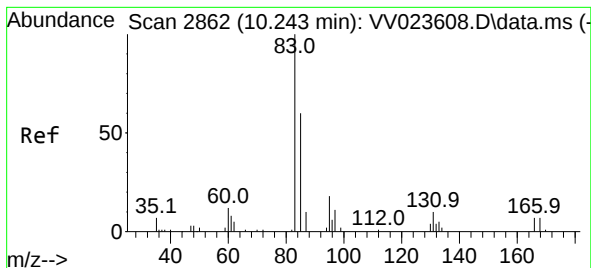
Tgt Ion:106 Resp: 67483
Ion Ratio Lower Upper
106 100
91 204.1 148.3 275.5



#55
Styrene
Concen: 5.029 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.003 min
Lab File: VV023632.D
Acq: 19 Nov 2021 10:30

Tgt Ion:104 Resp: 116199
Ion Ratio Lower Upper
104 100
78 42.5 29.3 54.3





#57

1,1,2,2-Tetrachloroethane

Concen: 4.752 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. -0.003 min

Lab File: VV023632.D

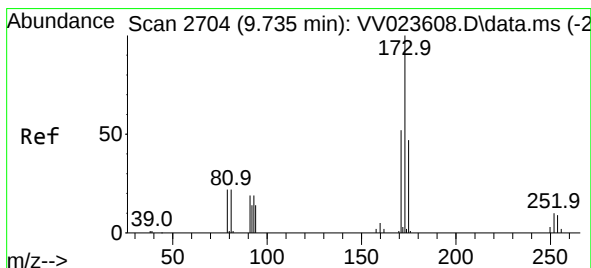
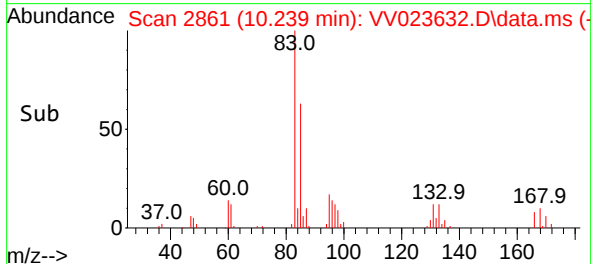
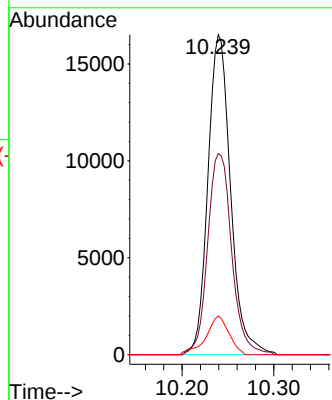
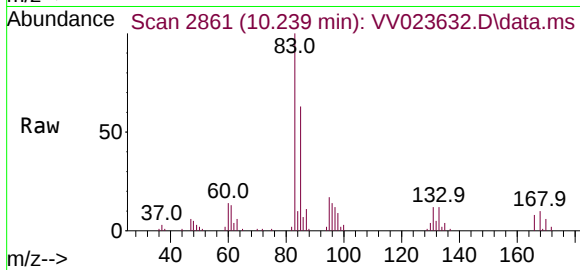
Acq: 19 Nov 2021 10:30

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 28356
Ion Ratio	Lower Upper
83 100	
85 62.9	45.1 83.9
131 12.1	7.8 11.6#



#59

Bromoform

Concen: 5.057 ug/L

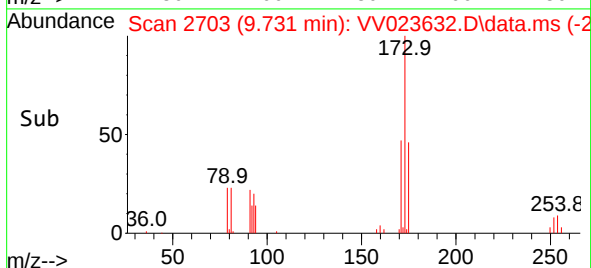
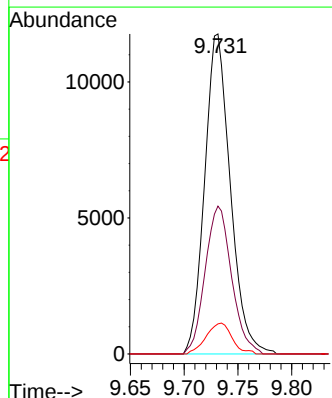
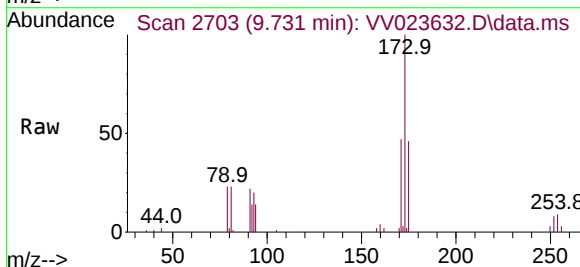
RT: 9.731 min Scan# 2703

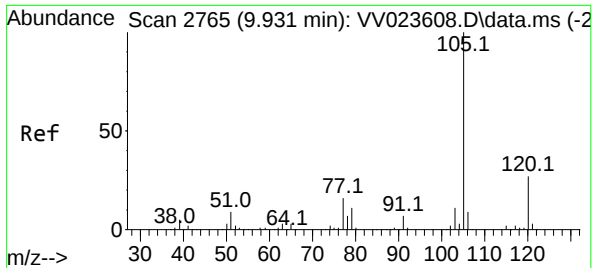
Delta R.T. -0.003 min

Lab File: VV023632.D

Acq: 19 Nov 2021 10:30

Tgt Ion: 173	Resp: 19550
Ion Ratio	Lower Upper
173 100	
175 47.5	38.2 57.2
254 9.7	6.2 9.2#

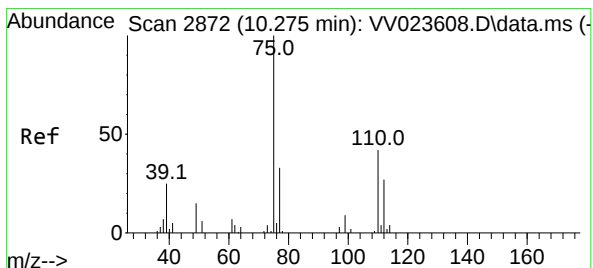
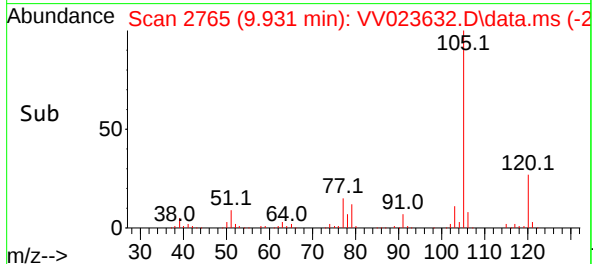
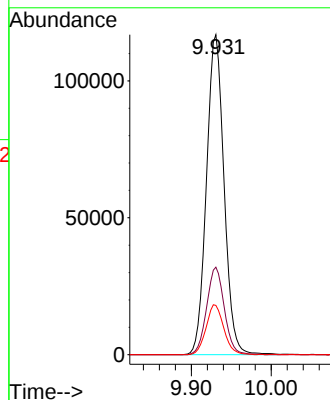
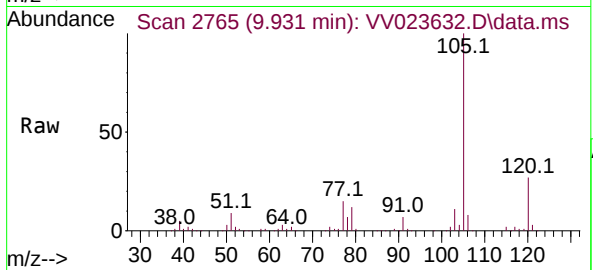




#60
Isopropylbenzene
Concen: 4.817 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV023632.D
Acq: 19 Nov 2021 10:30

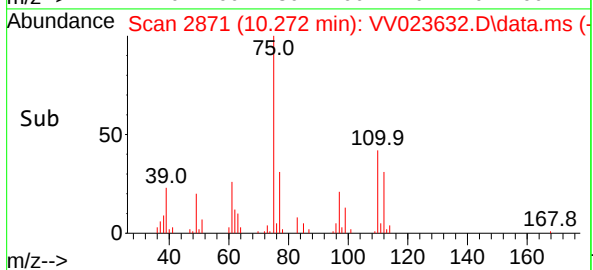
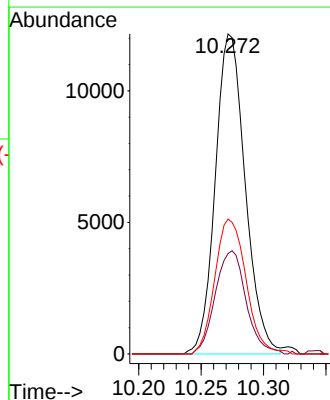
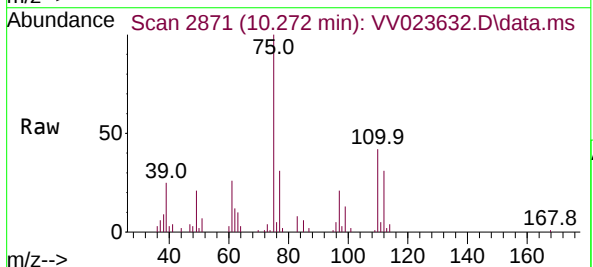
Instrument :
MSVOA_V
ClientSampleId :

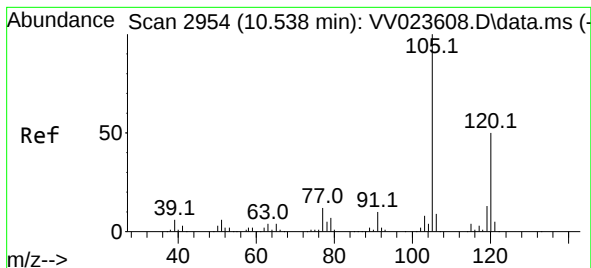
Tgt Ion:105 Resp: 178898
Ion Ratio Lower Upper
105 100
120 27.5 21.7 32.5
77 15.7 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.726 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. -0.003 min
Lab File: VV023632.D
Acq: 19 Nov 2021 10:30

Tgt Ion: 75 Resp: 20319
Ion Ratio Lower Upper
75 100
77 33.2 26.6 39.8
110 44.0 31.8 47.6





#62

1,3,5-Trimethylbenzene

Concen: 4.830 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV023632.D

Acq: 19 Nov 2021 10:30

Instrument :

MSVOA_V

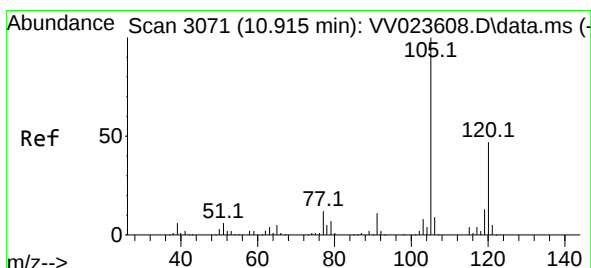
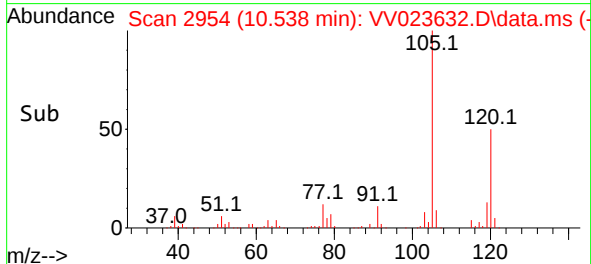
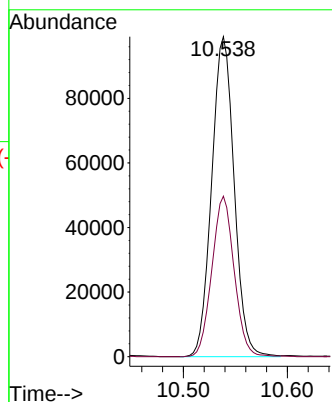
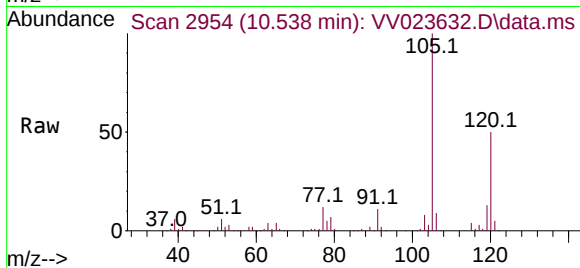
ClientSampleId :

Tgt Ion:105 Resp: 148752

Ion Ratio Lower Upper

105 100

120 49.8 39.7 59.5



#63

1,2,4-Trimethylbenzene

Concen: 4.912 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.000 min

Lab File: VV023632.D

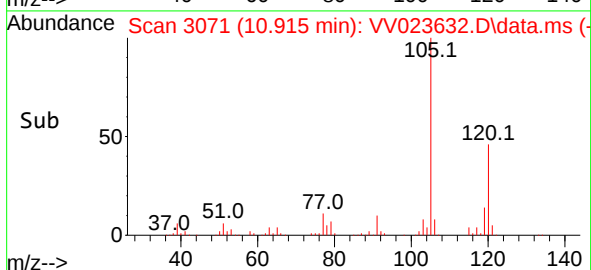
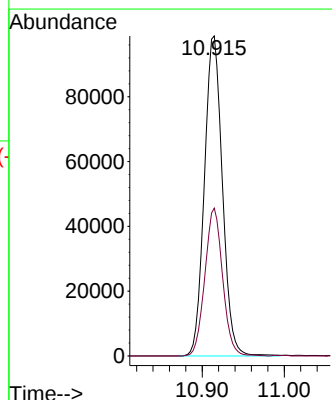
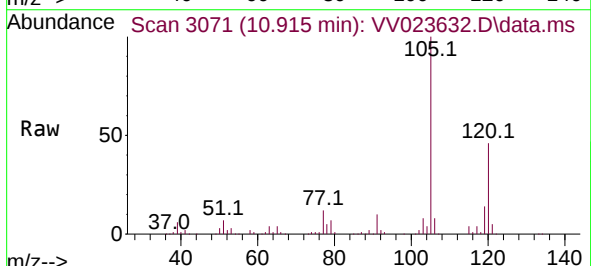
Acq: 19 Nov 2021 10:30

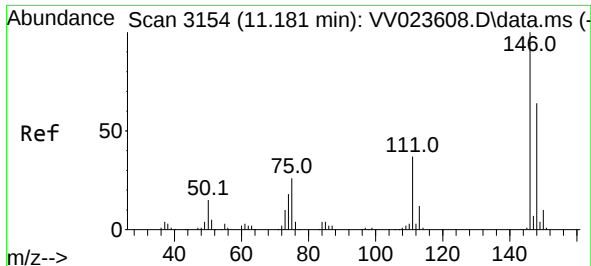
Tgt Ion:105 Resp: 150544

Ion Ratio Lower Upper

105 100

120 45.5 37.4 56.2

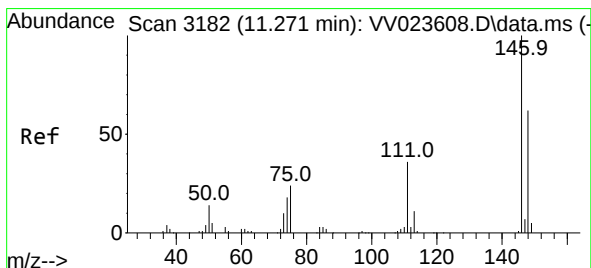
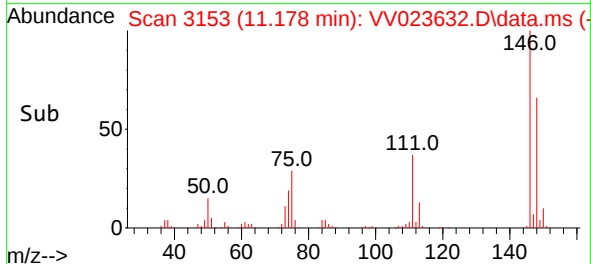
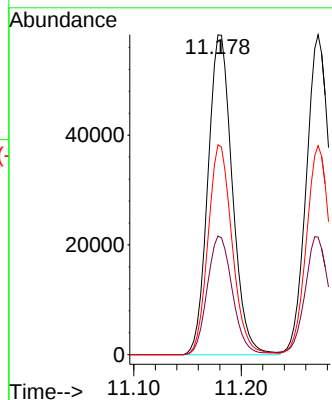
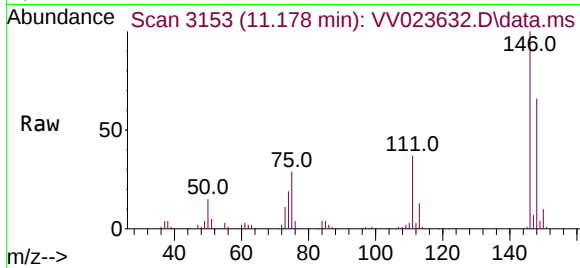




#64
1,3-Dichlorobenzene
Concen: 4.846 ug/L
RT: 11.178 min Scan# 3154
Delta R.T. -0.003 min
Lab File: VV023632.D
Acq: 19 Nov 2021 10:30

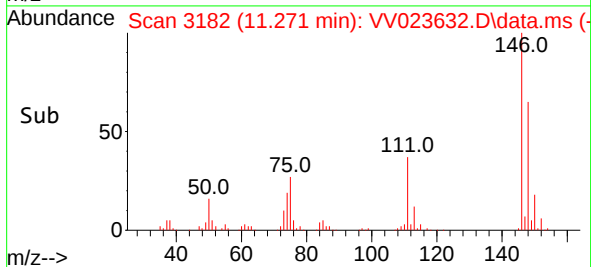
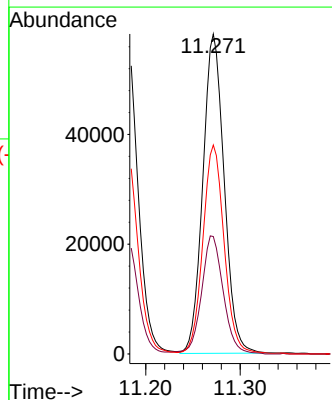
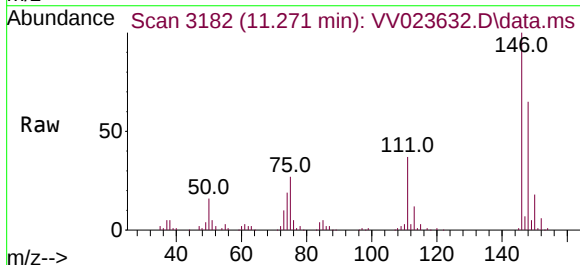
Instrument :
MSVOA_V
ClientSampleId :

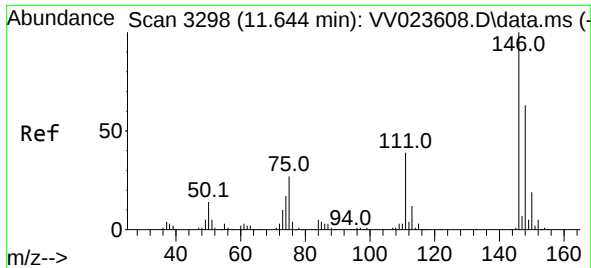
Tgt Ion:146 Resp: 91968
Ion Ratio Lower Upper
146 100
111 37.1 26.7 49.7
148 65.7 42.9 79.7



#65
1,4-Dichlorobenzene
Concen: 4.713 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV023632.D
Acq: 19 Nov 2021 10:30

Tgt Ion:146 Resp: 91334
Ion Ratio Lower Upper
146 100
111 36.7 26.2 48.8
148 65.3 44.4 82.5

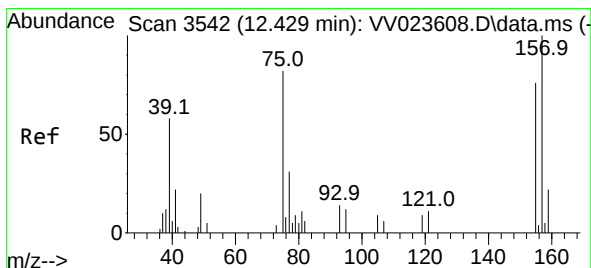
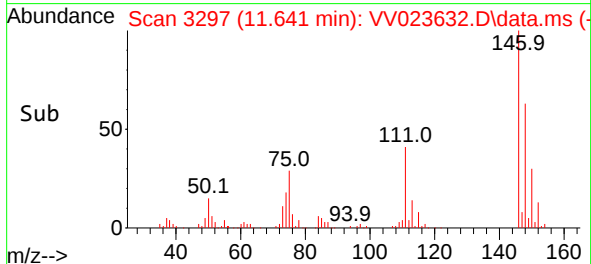
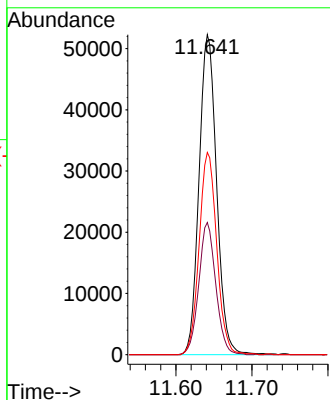
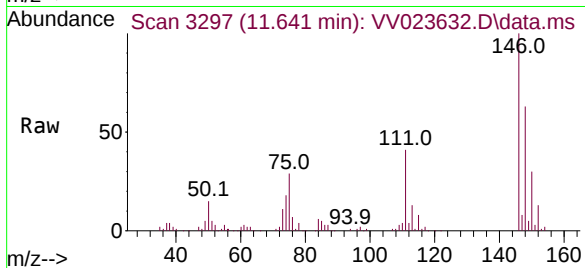




#67
 1,2-Dichlorobenzene
 Concen: 4.937 ug/L
 RT: 11.641 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VV023632.D
 Acq: 19 Nov 2021 10:30

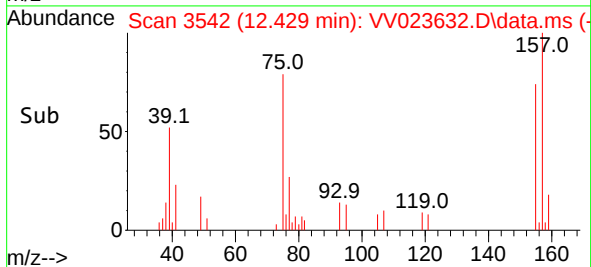
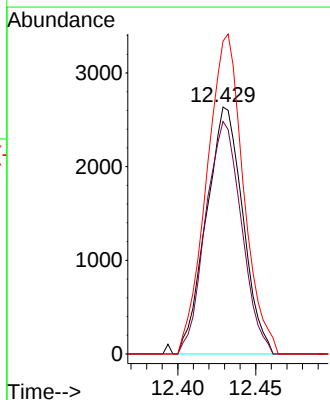
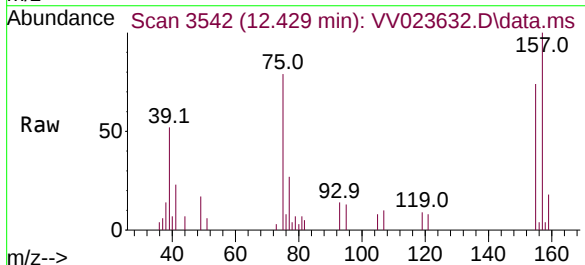
Instrument :
 MSVOA_V
 ClientSampleId :

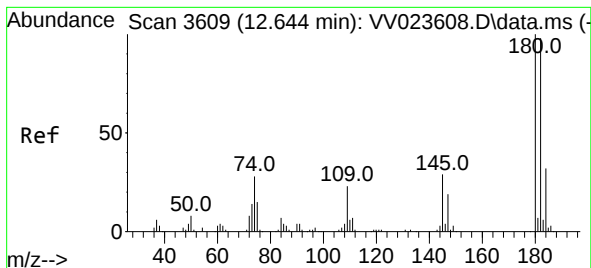
Tgt Ion:146 Resp: 83831
 Ion Ratio Lower Upper
 146 100
 111 41.3 31.6 47.4
 148 63.2 51.0 76.6



#68
 1,2-Dibromo-3-chloropropane
 Concen: 4.680 ug/L
 RT: 12.429 min Scan# 3542
 Delta R.T. 0.000 min
 Lab File: VV023632.D
 Acq: 19 Nov 2021 10:30

Tgt Ion: 75 Resp: 4287
 Ion Ratio Lower Upper
 75 100
 155 94.1 67.7 101.5
 157 126.7 87.9 131.9





#69

1,3,5-Trichlorobenzene

Concen: 4.788 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. 0.000 min

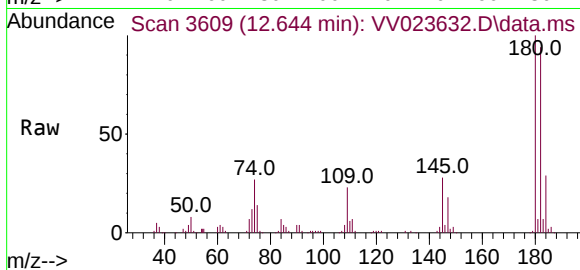
Lab File: VV023632.D

Acq: 19 Nov 2021 10:30

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 71138

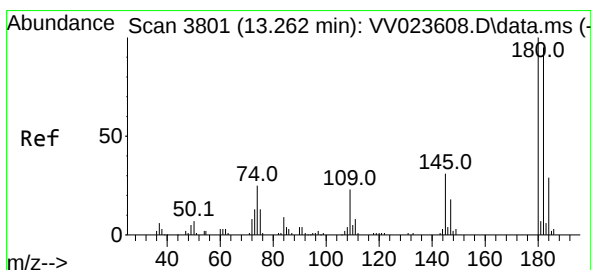
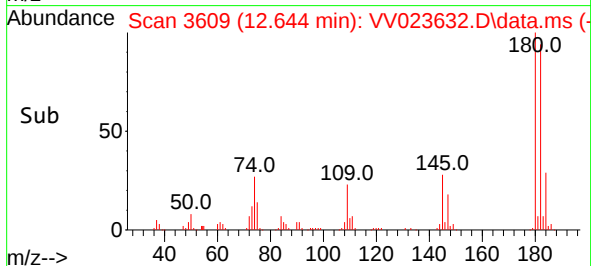
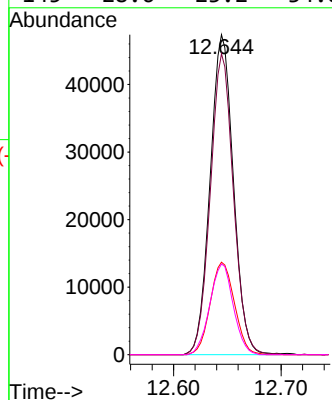
Ion Ratio Lower Upper

180 100

182 93.4 74.9 112.3

184 30.1 23.8 35.8

145 28.6 23.2 34.8



#70

1,2,4-trichlorobenzene

Concen: 4.459 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. 0.000 min

Lab File: VV023632.D

Acq: 19 Nov 2021 10:30

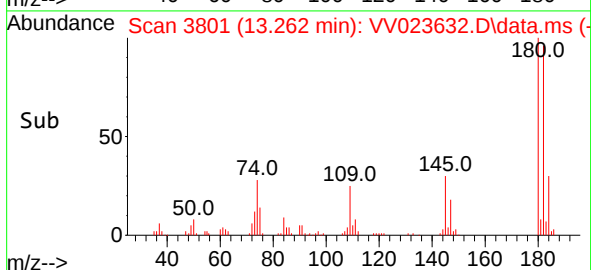
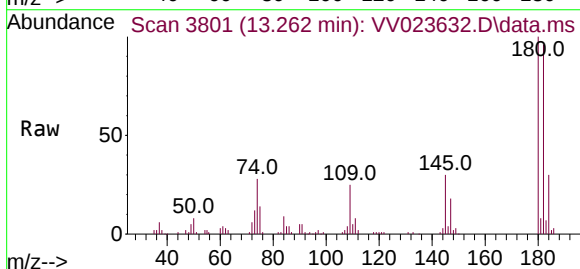
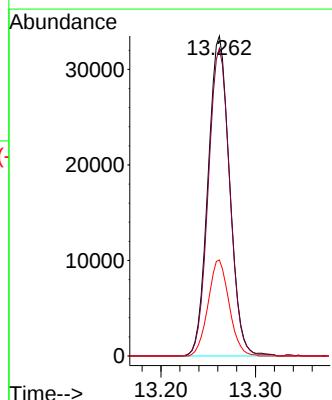
Tgt Ion:180 Resp: 53053

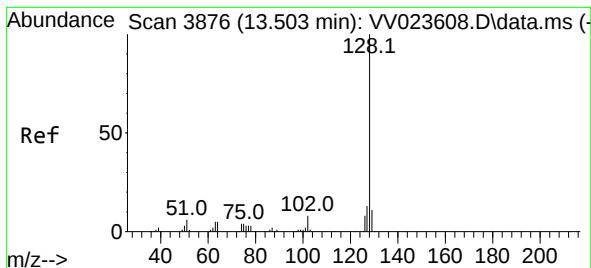
Ion Ratio Lower Upper

180 100

182 95.9 76.9 115.3

145 29.3 24.4 36.6





#71

Naphthalene

Concen: 3.868 ug/L

RT: 13.503 min Scan# 3876

Delta R.T. 0.000 min

Lab File: VV023632.D

Acq: 19 Nov 2021 10:30

Instrument :

MSVOA_V

ClientSampleId :

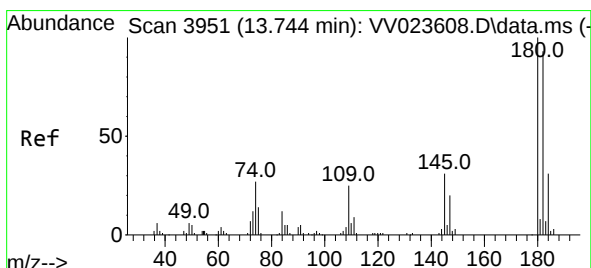
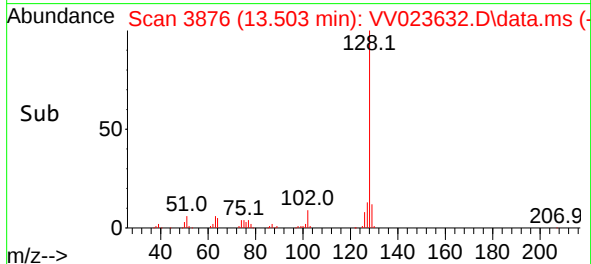
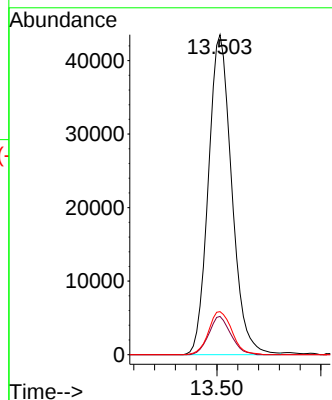
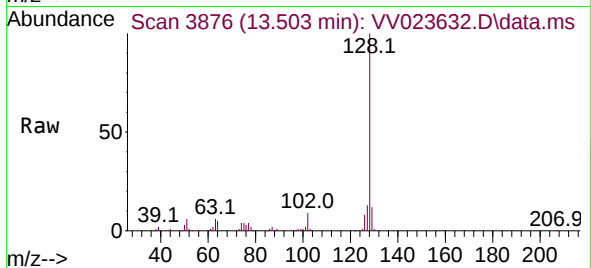
Tgt Ion:128 Resp: 67868

Ion Ratio Lower Upper

128 100

129 11.3 8.6 13.0

127 13.5 10.5 15.7



#72

1,2,3-Trichlorobenzene

Concen: 4.600 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. 0.000 min

Lab File: VV023632.D

Acq: 19 Nov 2021 10:30

Tgt Ion:180 Resp: 47886

Ion Ratio Lower Upper

180 100

182 96.9 76.7 115.1

145 31.3 25.7 38.5

