

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111821\
 Data File : VW023593.D
 Acq On : 18 Nov 2021 10:38
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 19 02:06:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 18 00:20:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	120477	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	121768	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	67070	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	43777	5.800	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	116.000%	
7) Chloroethane-d5	1.567	69	34361	5.586	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	111.800%	
11) 1,1-Dichloroethene-d2	2.108	63	77332	5.473	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	109.400%	
20) 2-Butanone-d5	3.895	46	49506	38.073	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	76.140%	
24) Chloroform-d	4.346	84	78470	4.879	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.600%	
26) 1,2-Dichloroethane-d4	5.034	65	36618	5.063	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.200%	
32) Benzene-d6	5.050	84	155535	4.978	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.600%	
36) 1,2-Dichloropropane-d6	6.069	67	42972	4.672	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.400%	
41) Toluene-d8	7.313	98	148833	5.083	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.600%	
43) trans-1,3-Dichloroprop...	7.622	79	17646	5.060	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	101.200%	
46) 2-Hexanone-d5	8.088	63	60874	47.443	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	94.880%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	31588	4.776	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.600%	
66) 1,2-Dichlorobenzene-d4	11.622	152	54728	4.900	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	98.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	48476	4.126	ug/L	99
3) Chloromethane	1.240	50	40753	4.080	ug/L	97
5) Vinyl chloride	1.310	62	44354	4.446	ug/L	100
6) Bromomethane	1.522	94	28319	4.441	ug/L	94
8) Chloroethane	1.584	64	26357	4.579	ug/L	98
9) Trichlorofluoromethane	1.754	101	72247	4.820	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	37550	4.976	ug/L	97
12) 1,1-Dichloroethene	2.117	96	34488	4.800	ug/L	96
13) Acetone	2.182	43	28069	35.329	ug/L	97
14) Carbon disulfide	2.294	76	109034	4.022	ug/L	99
15) Methyl Acetate	2.436	43	8289	3.686	ug/L	96
16) Methylene chloride	2.506	84	40019	3.817	ug/L	95
17) Methyl tert-butyl Ether	2.767	73	74444	4.707	ug/L	94
18) trans-1,2-Dichloroethene	2.760	96	39355	4.456	ug/L	94
19) 1,1-Dichloroethane	3.188	63	67351	4.517	ug/L	99
21) 2-Butanone	3.979	43	41625	32.405	ug/L	90
22) cis-1,2-Dichloroethene	3.911	96	38613	4.543	ug/L #	92
23) Bromochloromethane	4.249	128	18923	4.828	ug/L #	76
25) Chloroform	4.374	83	76839	4.834	ug/L	99

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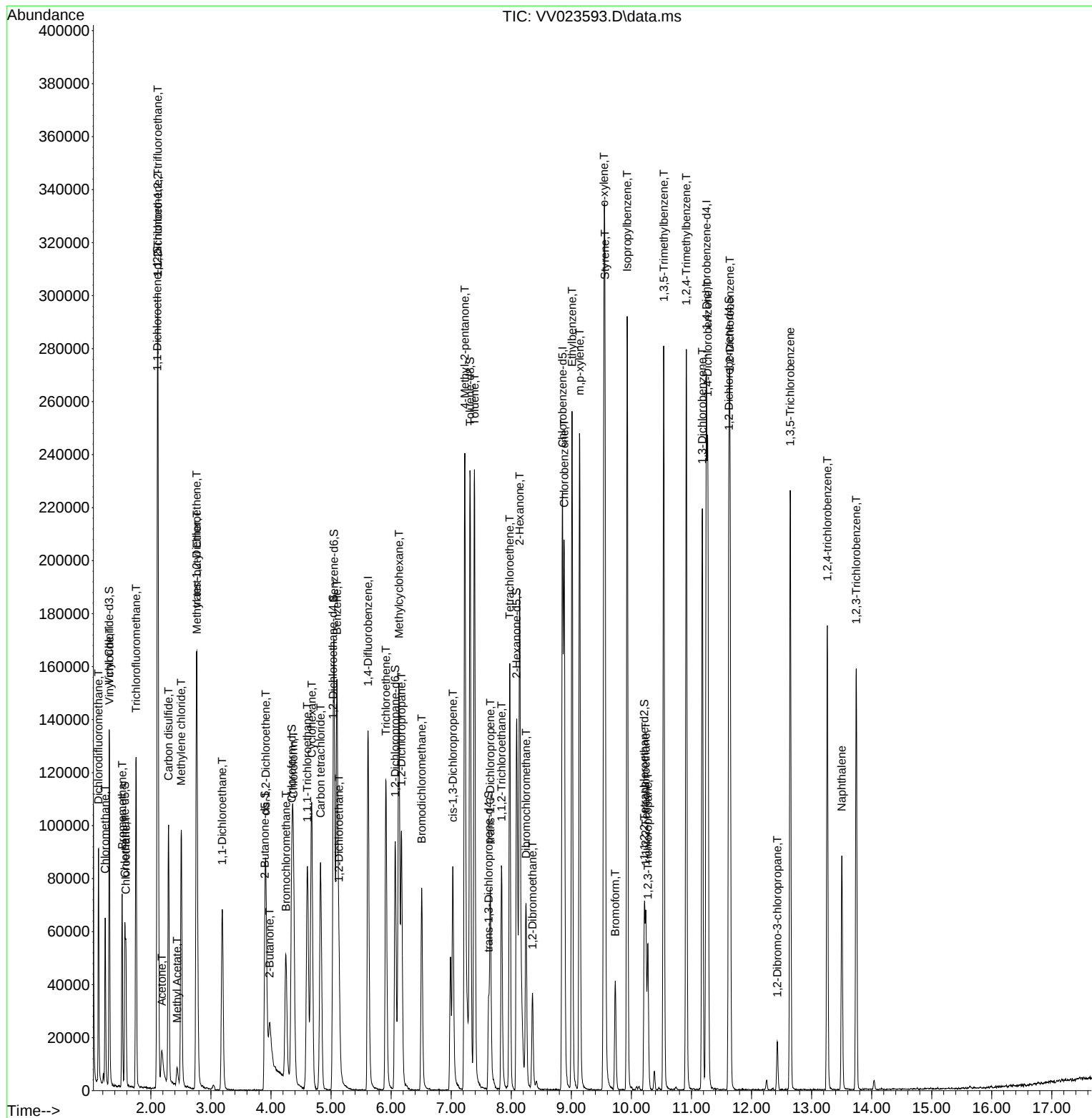
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	40527	4.794	ug/L	99
29) 1,1,1-Trichloroethane	4.606	97	69981	4.732	ug/L	99
30) Cyclohexane	4.677	56	54528	4.115	ug/L	94
31) Carbon tetrachloride	4.825	117	62361	4.695	ug/L	98
33) Benzene	5.098	78	154424	4.537	ug/L	100
34) Trichloroethene	5.911	95	40840	4.512	ug/L	97
35) Methylcyclohexane	6.130	83	60899	4.263	ug/L	95
37) 1,2-Dichloropropane	6.172	63	37203	4.682	ug/L	99
38) Bromodichloromethane	6.509	83	48898	4.592	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	51095	4.471	ug/L	97
40) 4-Methyl-2-pentanone	7.226	43	185786	50.416	ug/L	97
42) Toluene	7.387	91	176424	4.846	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	45074	4.753	ug/L	97
45) 1,1,2-Trichloroethane	7.837	97	27273	4.777	ug/L	97
47) Tetrachloroethene	7.976	164	36412	4.642	ug/L	98
48) 2-Hexanone	8.140	43	136120	52.716	ug/L	99
49) Dibromochloromethane	8.246	129	35430	4.898	ug/L	96
50) 1,2-Dibromoethane	8.355	107	24966	4.719	ug/L	99
51) Chlorobenzene	8.882	112	110861	4.582	ug/L	99
52) Ethylbenzene	9.011	91	178190	4.641	ug/L	99
53) m,p-xylene	9.140	106	69705	4.626	ug/L	96
54) o-xylene	9.545	106	66083	4.675	ug/L	99
55) Styrene	9.561	104	117685	4.860	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	29346	4.692	ug/L	99
59) Bromoform	9.731	173	19360	4.833	ug/L	96
60) Isopropylbenzene	9.931	105	183840	4.777	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	21181	4.754	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	149193	4.675	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	152445	4.799	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	93532	4.756	ug/L	97
65) 1,4-Dichlorobenzene	11.271	146	91966	4.579	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	83691	4.756	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	4358	4.591	ug/L #	81
69) 1,3,5-Trichlorobenzene	12.644	180	70408	4.573	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	52304	4.242	ug/L	99
71) Naphthalene	13.503	128	70744	3.891	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	48494	4.495	ug/L	98

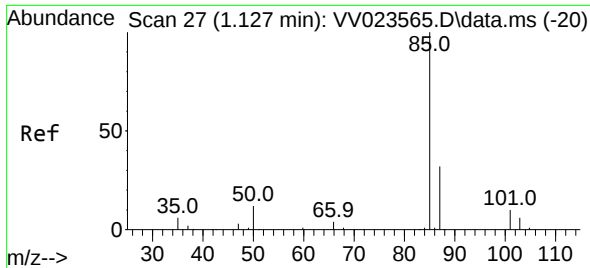
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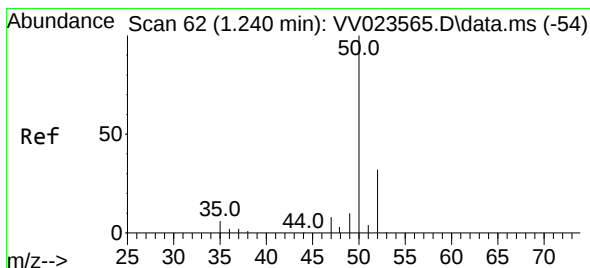
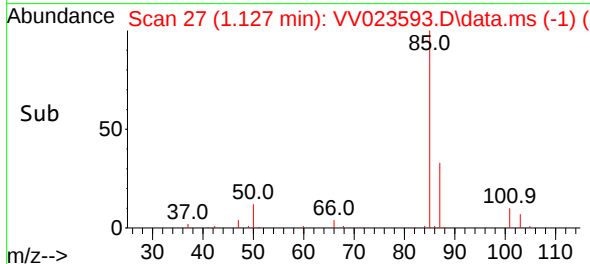
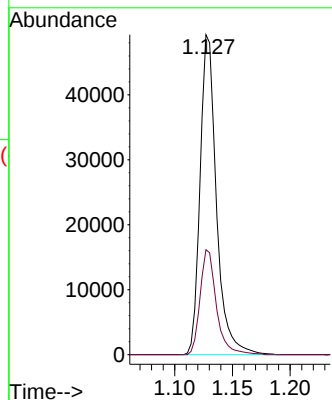
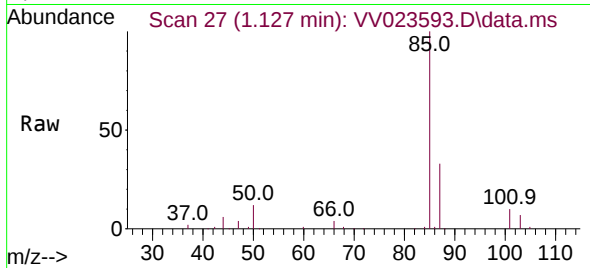




#2
 Dichlorodifluoromethane
 Concen: 4.126 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV023593.D
 Acq: 18 Nov 2021 10:38

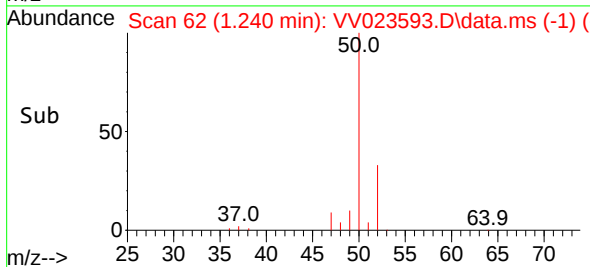
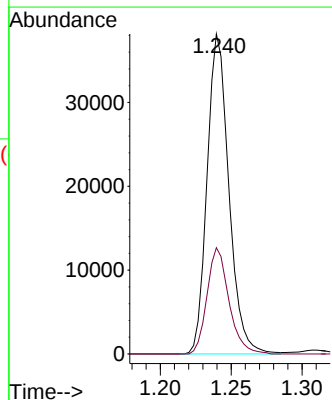
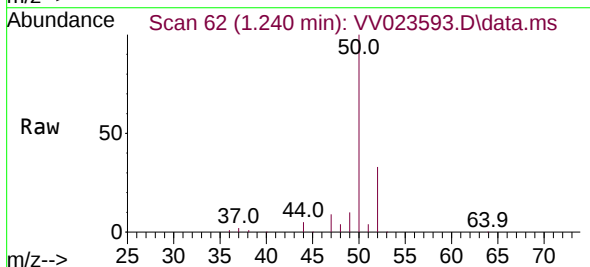
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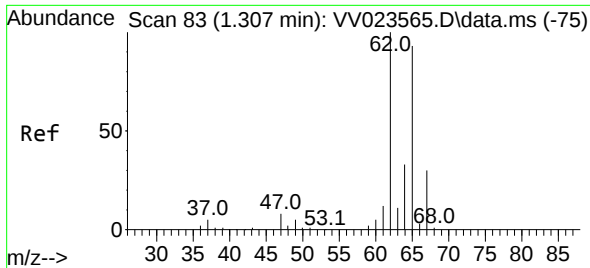
Tgt Ion: 85 Resp: 48476
 Ion Ratio Lower Upper
 85 100
 87 32.7 26.6 39.8



#3
 Chloromethane
 Concen: 4.080 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV023593.D
 Acq: 18 Nov 2021 10:38

Tgt Ion: 50 Resp: 40753
 Ion Ratio Lower Upper
 50 100
 52 33.2 24.3 45.1

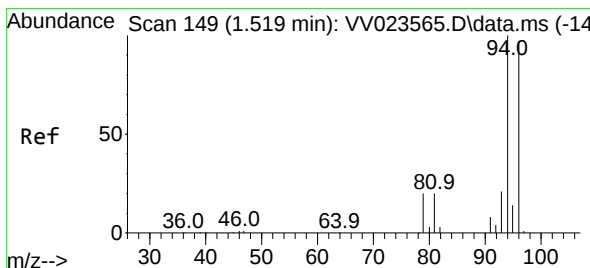
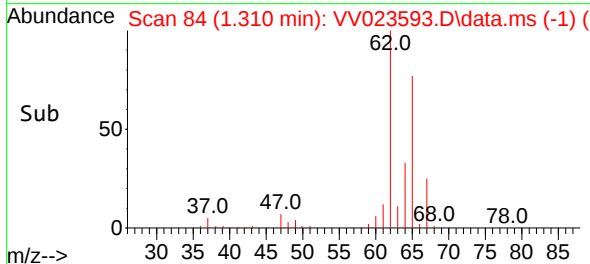
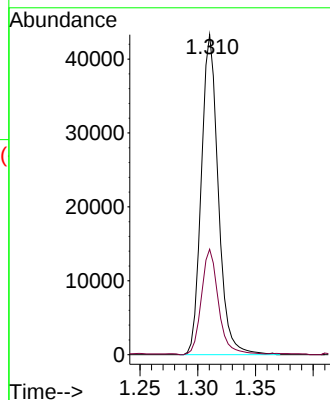
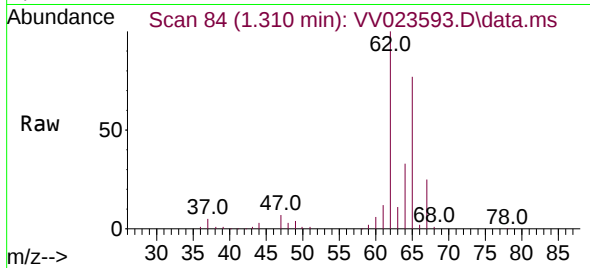




#5
 Vinyl chloride
 Concen: 4.446 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV023593.D
 Acq: 18 Nov 2021 10:38

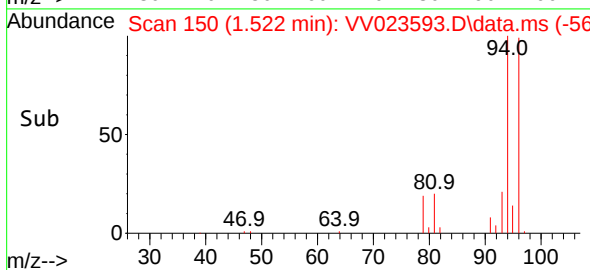
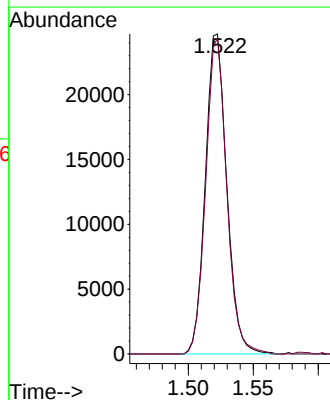
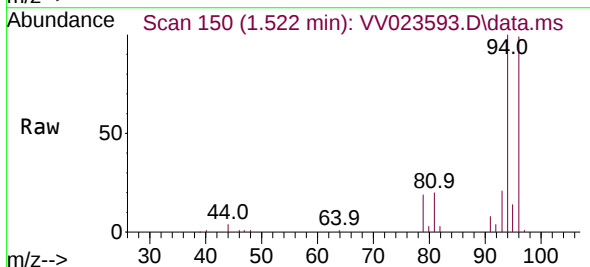
Instrument :
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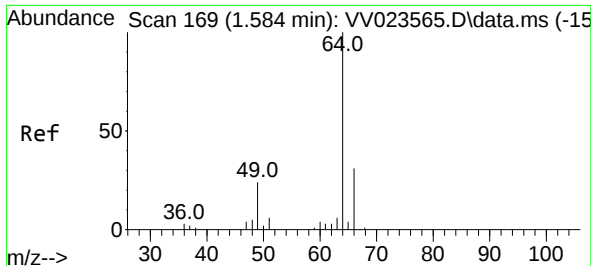
Tgt Ion: 62 Resp: 44354
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.1 42.9



#6
 Bromomethane
 Concen: 4.441 ug/L
 RT: 1.522 min Scan# 150
 Delta R.T. 0.003 min
 Lab File: VV023593.D
 Acq: 18 Nov 2021 10:38

Tgt Ion: 94 Resp: 28319
 Ion Ratio Lower Upper
 94 100
 96 98.8 65.0 120.8

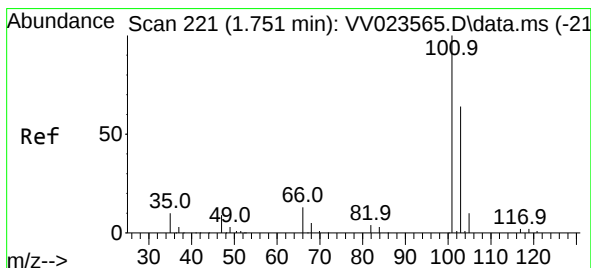
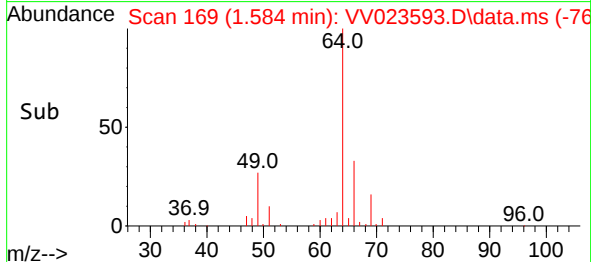
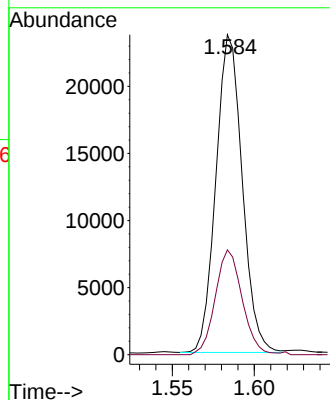
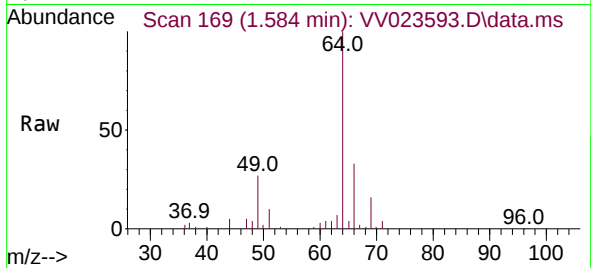




#8
Chloroethane
Concen: 4.579 ug/L
RT: 1.584 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV023593.D
Acq: 18 Nov 2021 10:38

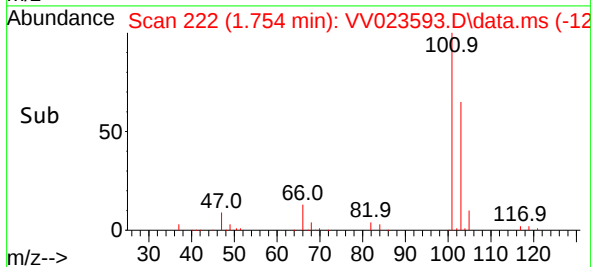
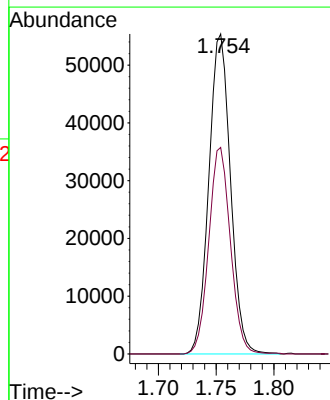
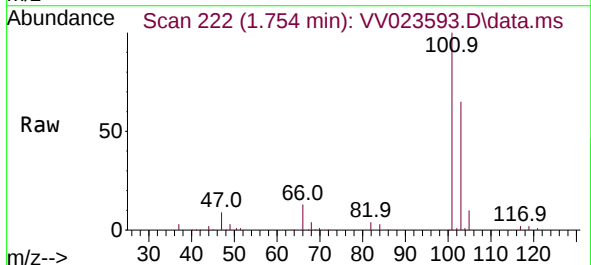
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MSVOA_V
ClientSampleId :

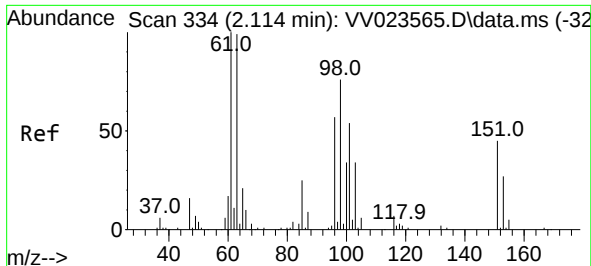
Tgt Ion: 64 Resp: 26357
Ion Ratio Lower Upper
64 100
66 32.7 22.1 41.1



#9
Trichlorofluoromethane
Concen: 4.820 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.003 min
Lab File: VV023593.D
Acq: 18 Nov 2021 10:38

Tgt Ion:101 Resp: 72247
Ion Ratio Lower Upper
101 100
103 64.5 52.6 79.0

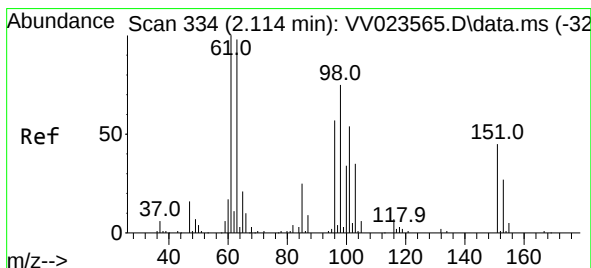
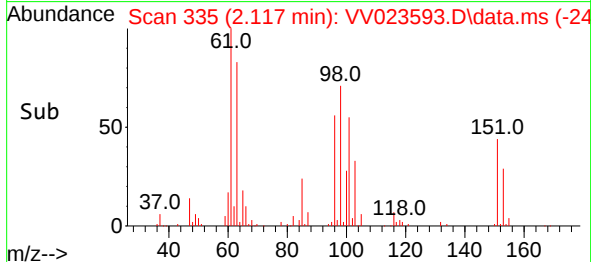
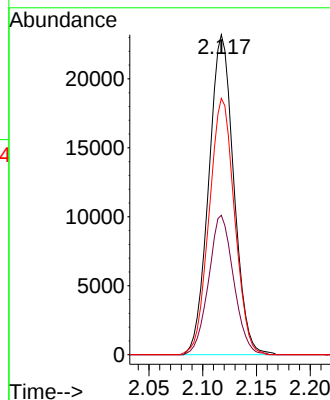
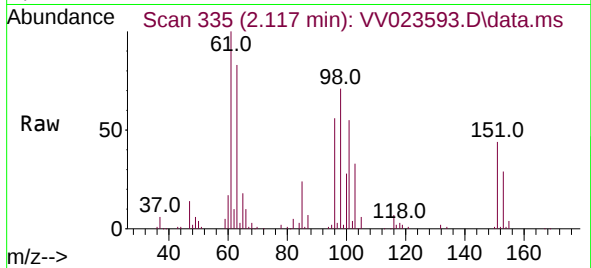




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.976 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. 0.003 min
 Lab File: VV023593.D
 Acq: 18 Nov 2021 10:38

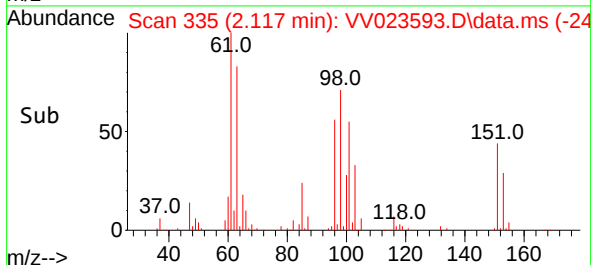
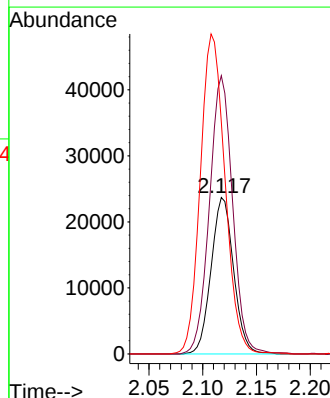
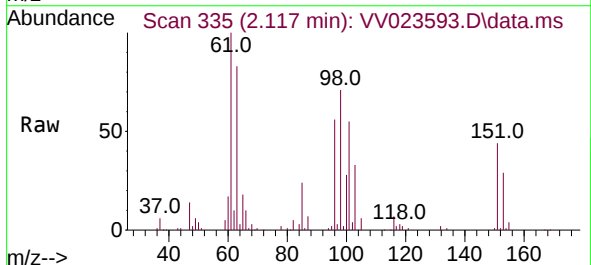
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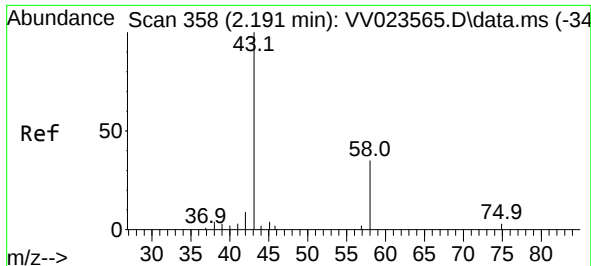
Tgt Ion:101 Resp: 37550
 Ion Ratio Lower Upper
 101 100
 85 43.6 35.3 52.9
 151 81.1 62.2 93.2



#12
 1,1-Dichloroethene
 Concen: 4.800 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. 0.003 min
 Lab File: VV023593.D
 Acq: 18 Nov 2021 10:38

Tgt Ion: 96 Resp: 34488
 Ion Ratio Lower Upper
 96 100
 61 177.9 121.5 225.7
 63 148.3 99.6 185.0

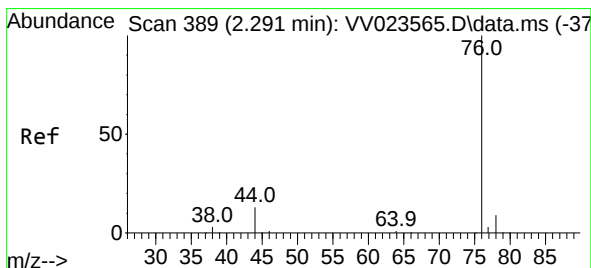
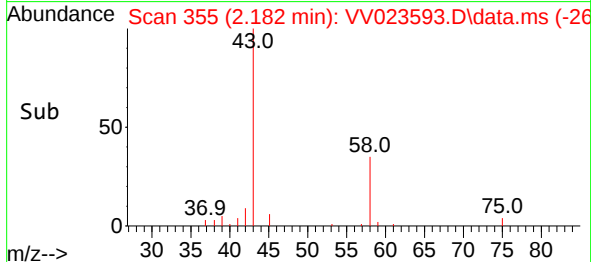
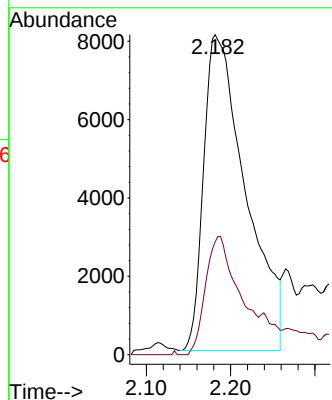
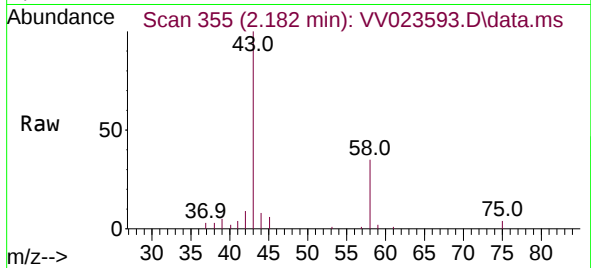




#13
Acetone
Concen: 35.329 ug/L
RT: 2.182 min Scan# 31
Delta R.T. -0.010 min
Lab File: VV023593.D
Acq: 18 Nov 2021 10:38

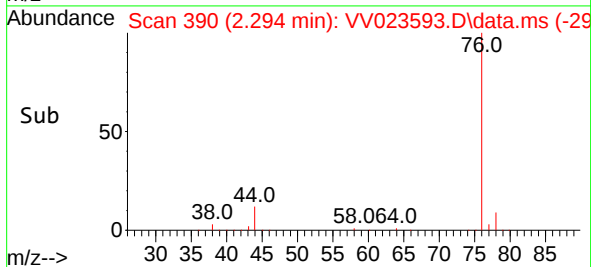
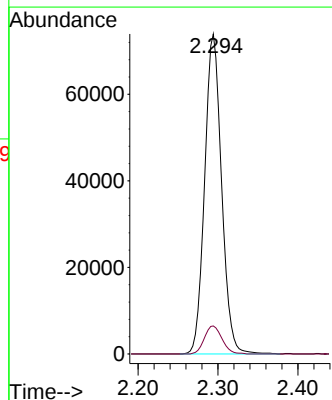
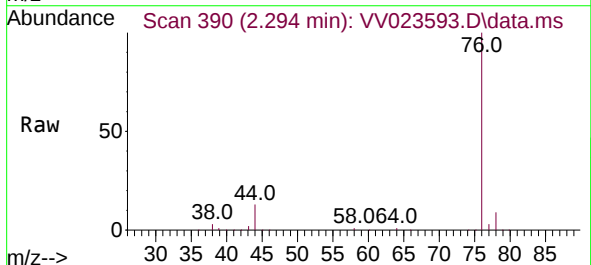
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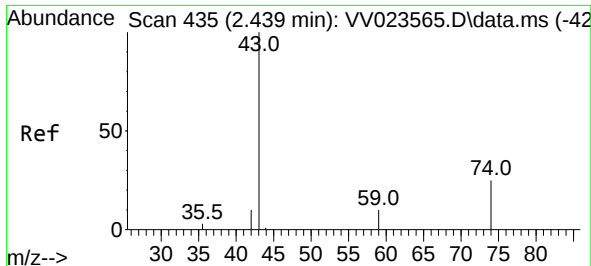
Tgt Ion: 43 Resp: 28069
Ion Ratio Lower Upper
43 100
58 29.5 0.0 55.4



#14
Carbon disulfide
Concen: 4.022 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.003 min
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Tgt Ion: 76 Resp: 109034
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8

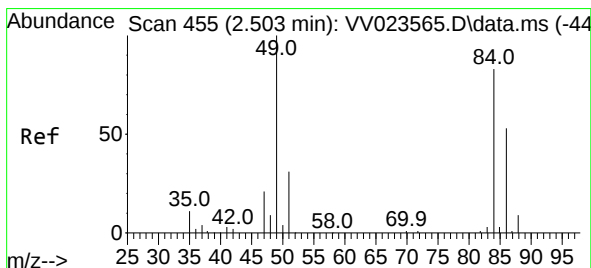
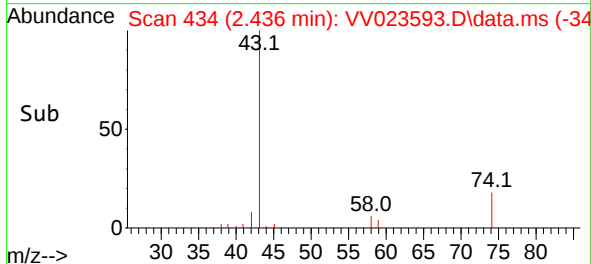
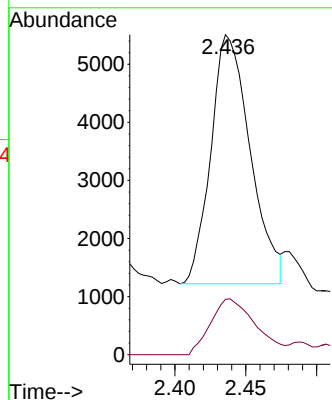
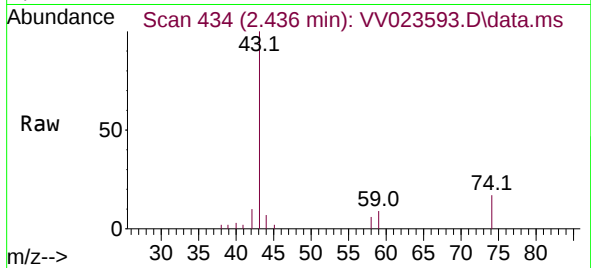




#15
Methyl Acetate
Concen: 3.686 ug/L
RT: 2.436 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV023593.D
Acq: 18 Nov 2021 10:38

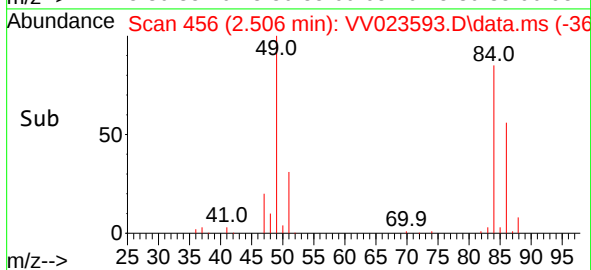
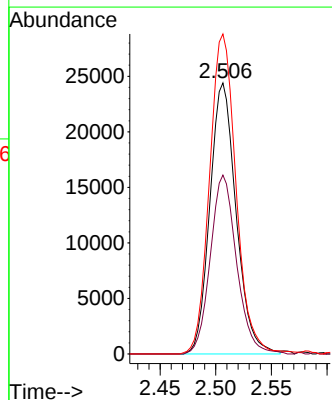
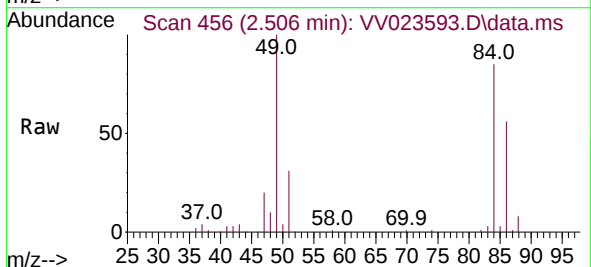
Instrument :
MSVOA_V
ClientSampleId :

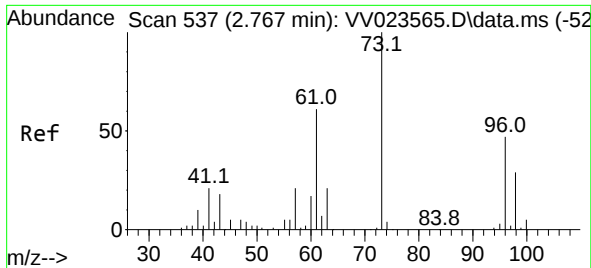
Tgt Ion: 43 Resp: 8289
Ion Ratio Lower Upper
43 100
74 25.5 22.2 33.2



#16
Methylene chloride
Concen: 3.817 ug/L
RT: 2.506 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV023593.D
Acq: 18 Nov 2021 10:38

Tgt Ion: 84 Resp: 40019
Ion Ratio Lower Upper
84 100
86 66.0 42.3 78.5
49 118.1 79.7 148.1

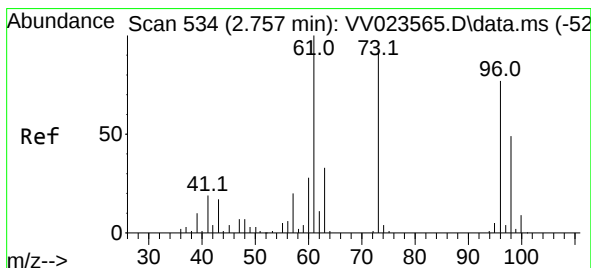
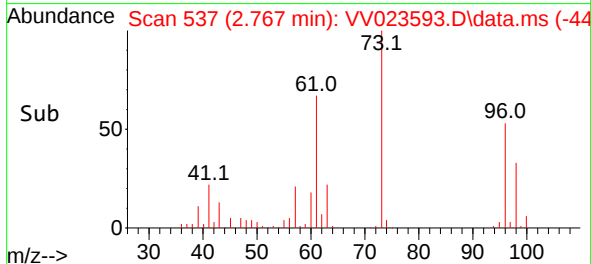
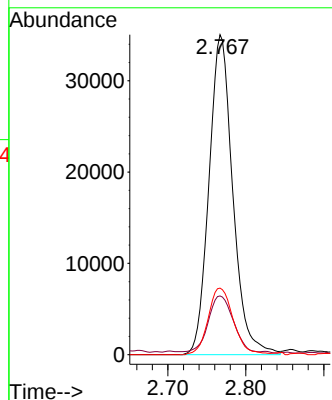
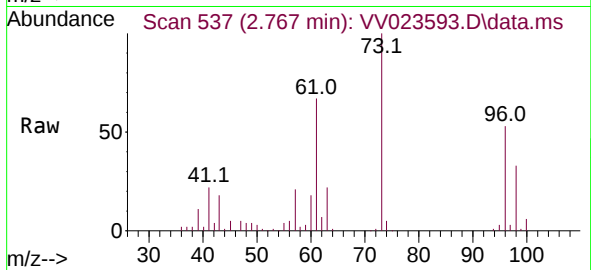




#17
Methyl tert-butyl Ether
Concen: 4.707 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV023593.D
Acq: 18 Nov 2021 10:38

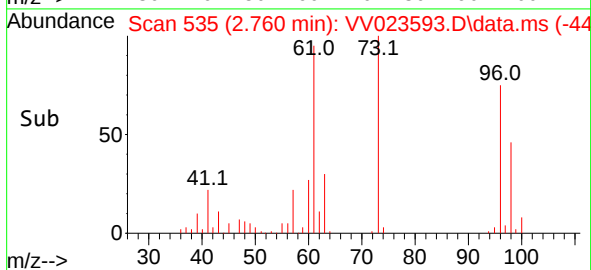
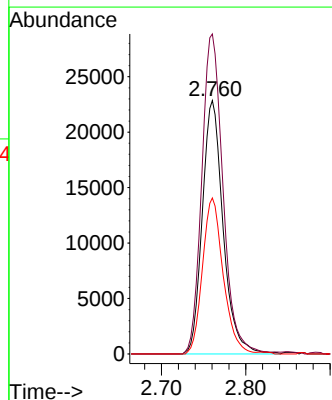
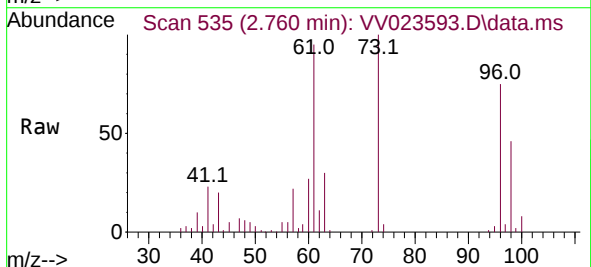
Instrument :
MSVOA_V
ClientSampleId :

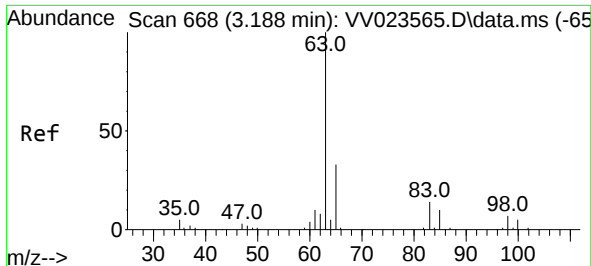
Tgt Ion: 73 Resp: 74444
Ion Ratio Lower Upper
73 100
43 17.9 17.4 26.0
57 22.0 16.5 24.7



#18
trans-1,2-Dichloroethene
Concen: 4.456 ug/L
RT: 2.760 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV023593.D
Acq: 18 Nov 2021 10:38

Tgt Ion: 96 Resp: 39355
Ion Ratio Lower Upper
96 100
61 126.3 93.2 173.2
98 61.6 47.0 87.2





#19

1,1-Dichloroethane

Concen: 4.517 ug/L

RT: 3.188 min Scan# 6

Delta R.T. -0.000 min

Lab File: VV023593.D

Acq: 18 Nov 2021 10:38

Instrument :

MSVOA_V

ClientSampleId :

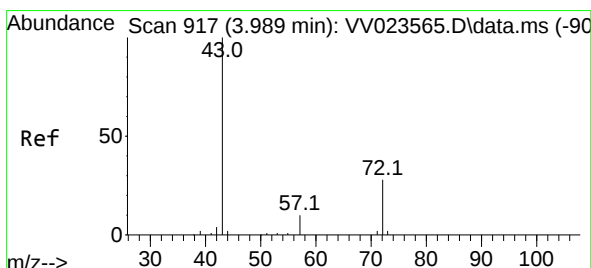
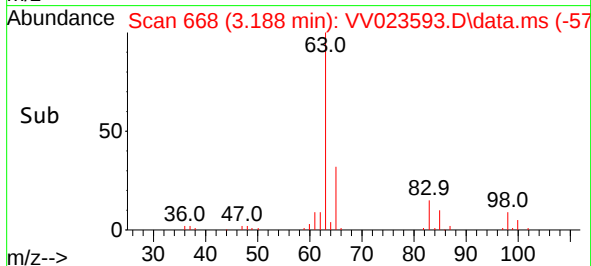
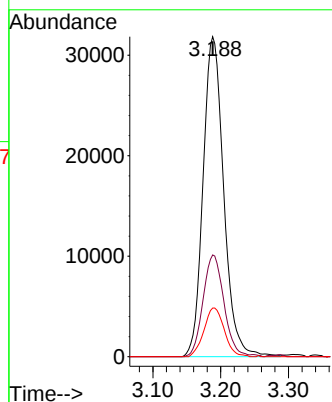
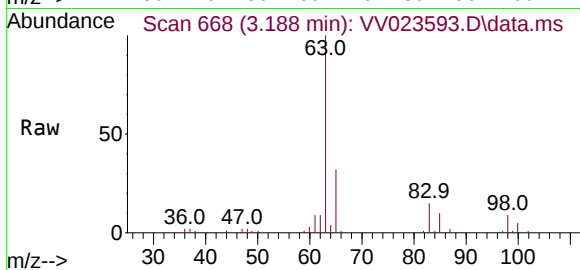
Tgt Ion: 63 Resp: 67351

Ion Ratio Lower Upper

63 100

65 31.8 22.6 42.0

83 15.2 11.1 20.7



#21

2-Butanone

Concen: 32.405 ug/L

RT: 3.979 min Scan# 914

Delta R.T. -0.010 min

Lab File: VV023593.D

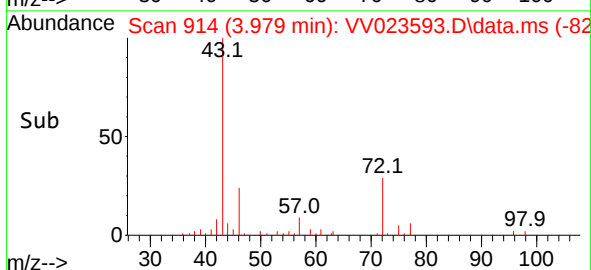
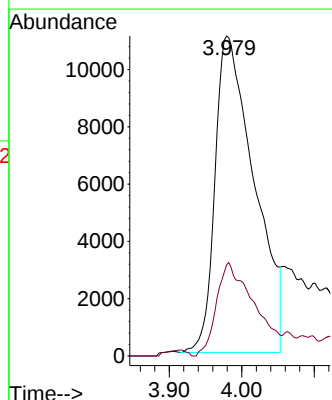
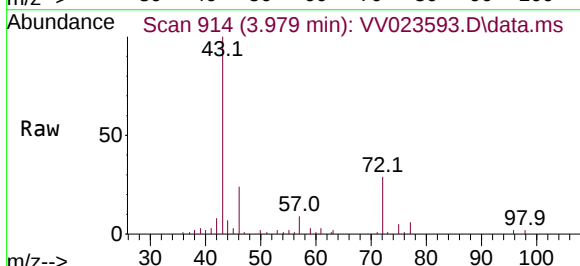
Acq: 18 Nov 2021 10:38

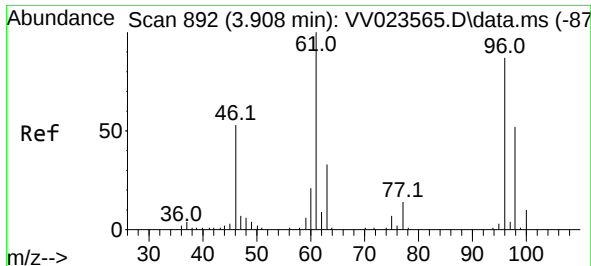
Tgt Ion: 43 Resp: 41625

Ion Ratio Lower Upper

43 100

72 28.6 11.9 35.9

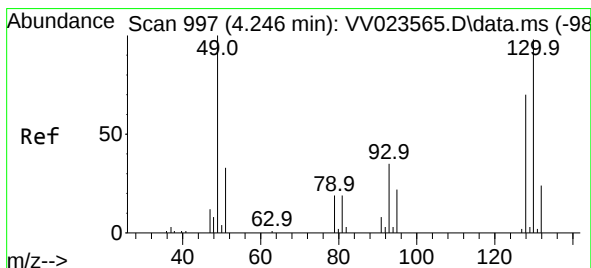
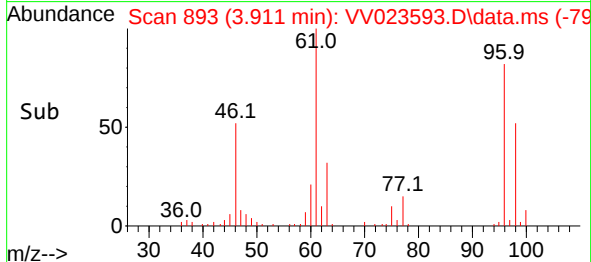
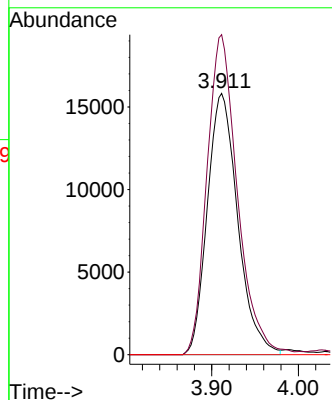
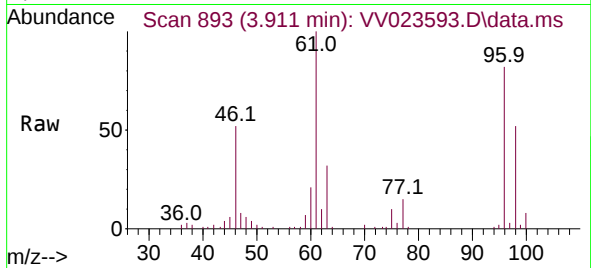




#22
 cis-1,2-Dichloroethene
 Concen: 4.543 ug/L
 RT: 3.911 min Scan# 891
 Delta R.T. 0.003 min
 Lab File: VV023593.D
 Acq: 18 Nov 2021 10:38

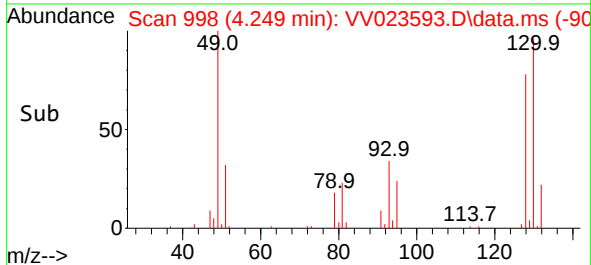
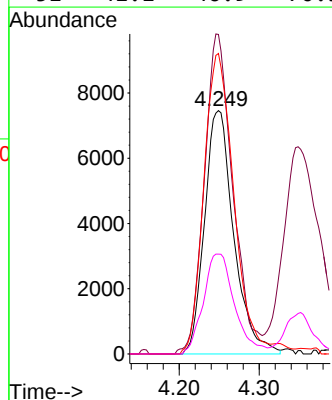
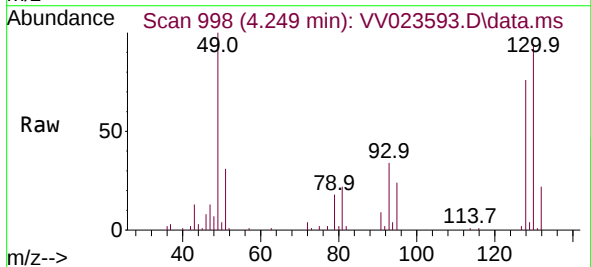
Instrument :
 MSVOA_V
 ClientSampleId :

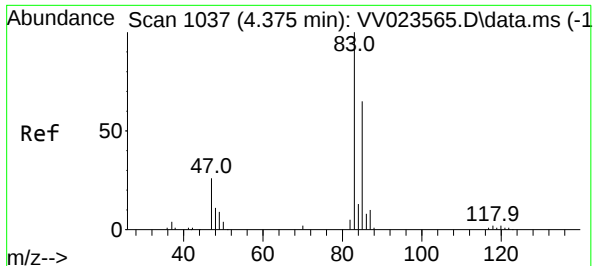
Tgt Ion: 96 Resp: 38613
 Ion Ratio Lower Upper
 96 100
 61 122.4 92.3 171.3
 68 0.0 0.4 0.8#



#23
 Bromochloromethane
 Concen: 4.828 ug/L
 RT: 4.249 min Scan# 998
 Delta R.T. 0.003 min
 Lab File: VV023593.D
 Acq: 18 Nov 2021 10:38

Tgt Ion: 128 Resp: 18923
 Ion Ratio Lower Upper
 128 100
 49 131.3 126.1 234.3
 130 123.5 95.2 176.8
 51 41.1 46.9 70.3#





#25

Chloroform

Concen: 4.834 ug/L

RT: 4.374 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VV023593.D

Acq: 18 Nov 2021 10:38

Instrument :

MSVOA_V

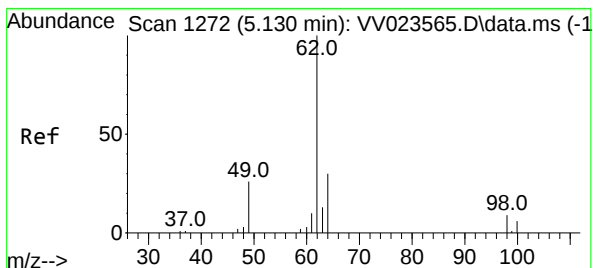
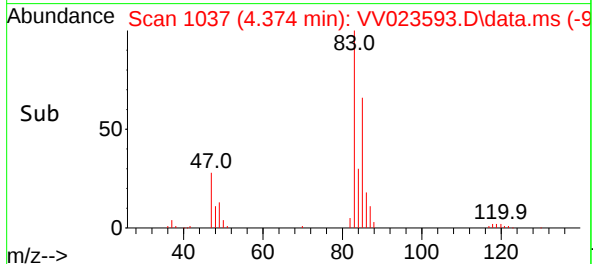
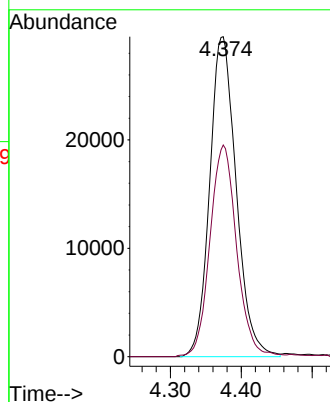
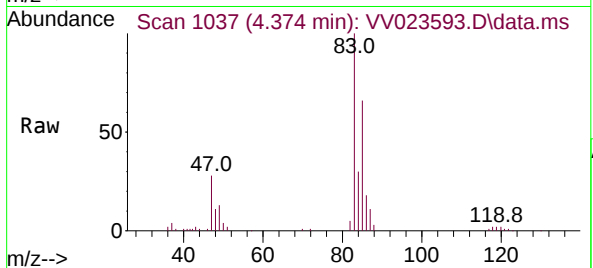
ClientSampleId :

Tgt Ion: 83 Resp: 76839

Ion Ratio Lower Upper

83 100

85 66.2 46.8 86.8



#27

1,2-Dichloroethane

Concen: 4.794 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VV023593.D

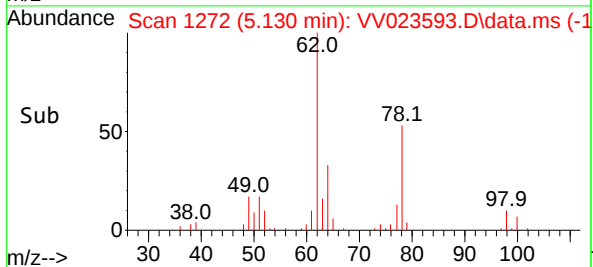
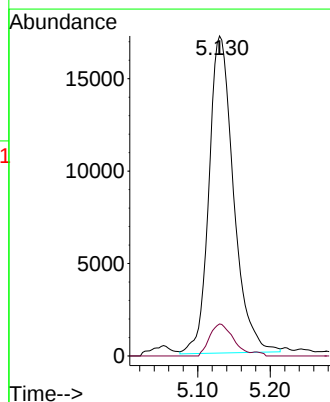
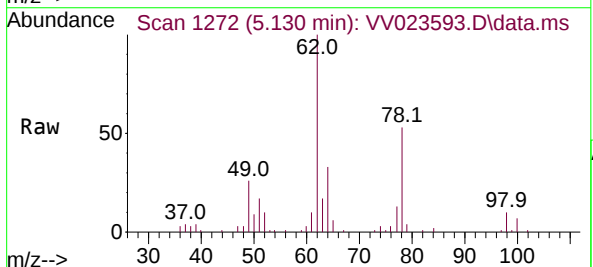
Acq: 18 Nov 2021 10:38

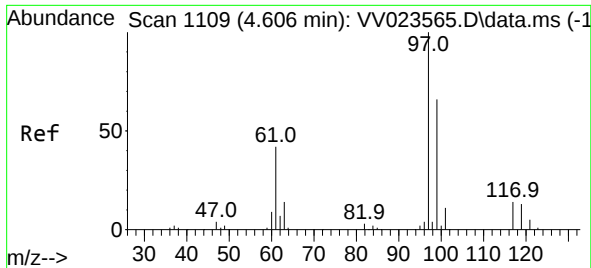
Tgt Ion: 62 Resp: 40527

Ion Ratio Lower Upper

62 100

98 10.0 8.2 12.4





#29

1,1,1-Trichloroethane

Concen: 4.732 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VV023593.D

Acq: 18 Nov 2021 10:38

Instrument :

MSVOA_V

ClientSampleId :

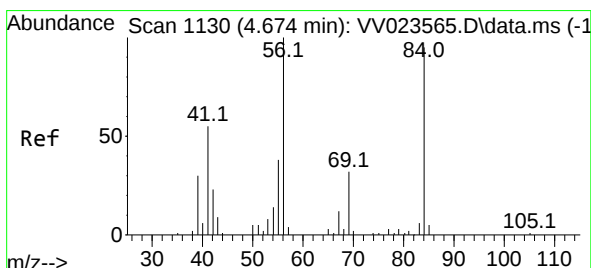
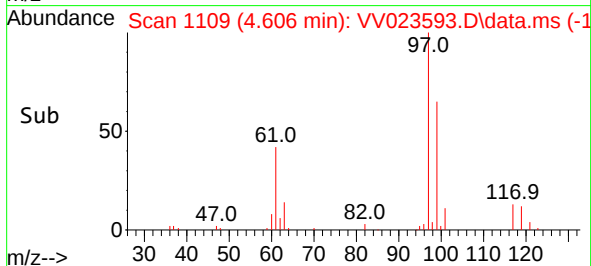
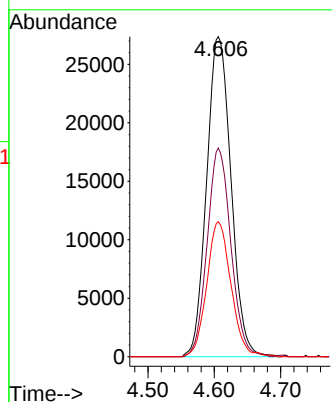
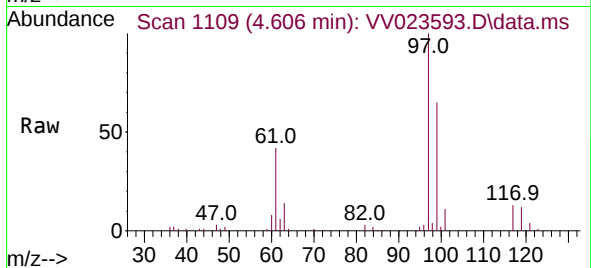
Tgt Ion: 97 Resp: 69981

Ion Ratio Lower Upper

97 100

99 63.4 51.0 76.4

61 42.0 34.1 51.1



#30

Cyclohexane

Concen: 4.115 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.003 min

Lab File: VV023593.D

Acq: 18 Nov 2021 10:38

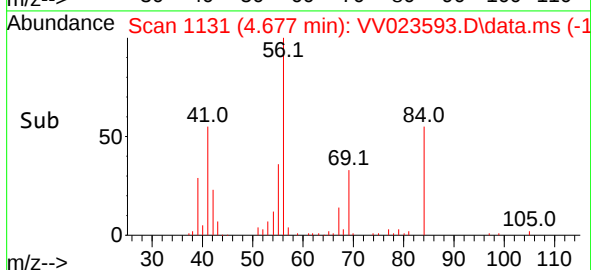
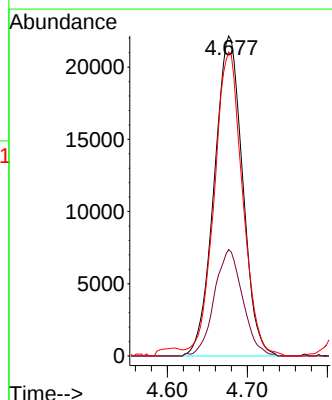
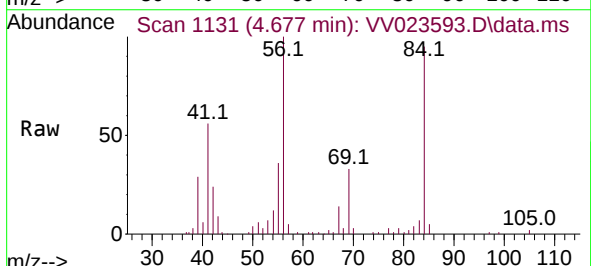
Tgt Ion: 56 Resp: 54528

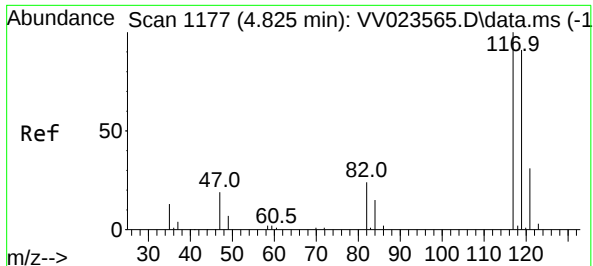
Ion Ratio Lower Upper

56 100

69 33.3 23.5 35.3

84 95.1 71.6 107.4

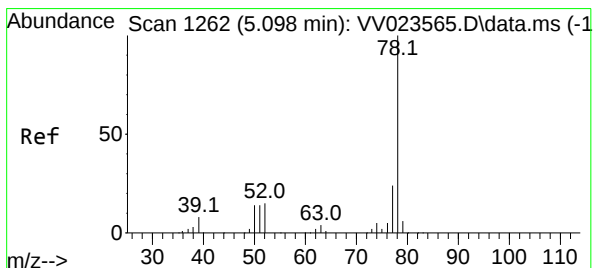
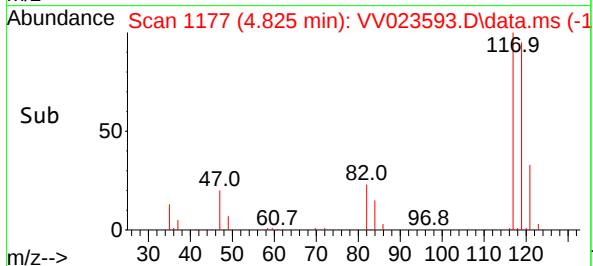
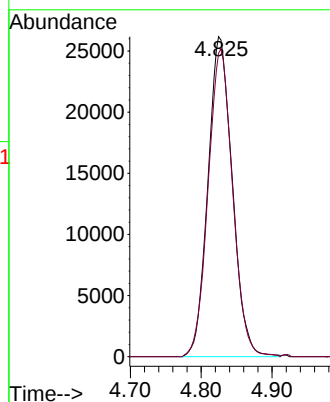
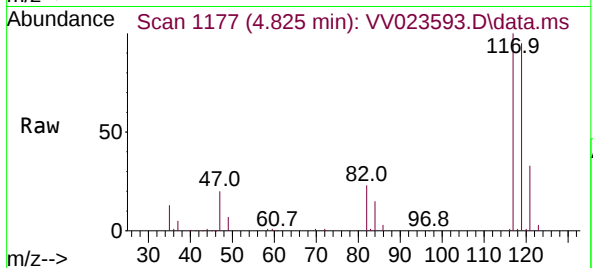




#31
Carbon tetrachloride
Concen: 4.695 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. -0.000 min
Lab File: VV023593.D
Acq: 18 Nov 2021 10:38

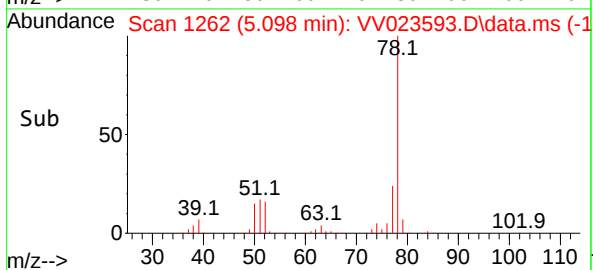
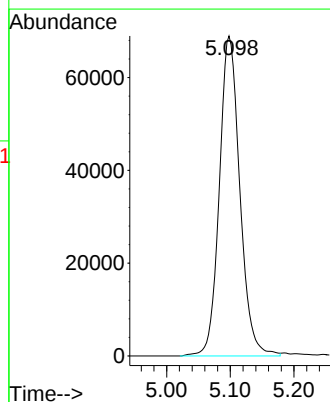
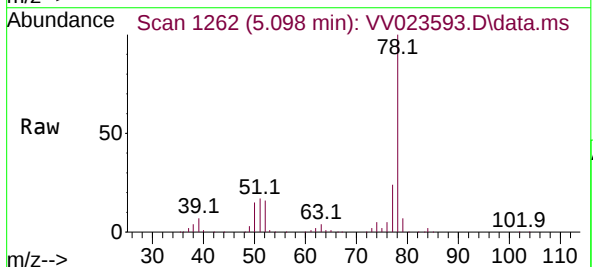
Instrument :
MSVOA_V
ClientSampleId :

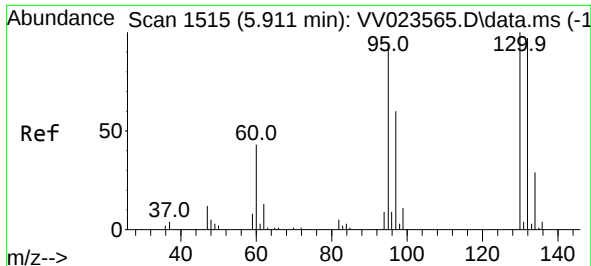
Tgt Ion:117 Resp: 62361
Ion Ratio Lower Upper
117 100
119 96.9 78.8 118.2



#33
Benzene
Concen: 4.537 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VV023593.D
Acq: 18 Nov 2021 10:38

Tgt Ion: 78 Resp: 154424

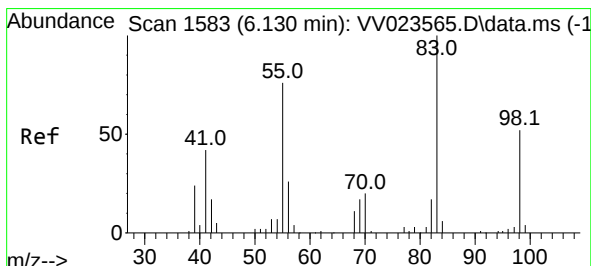
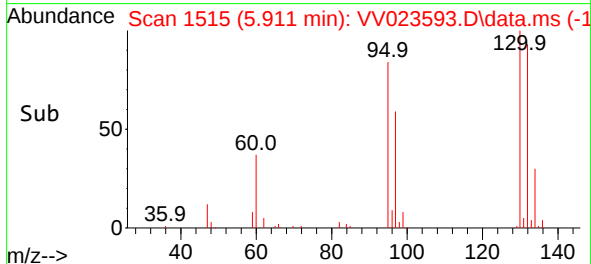
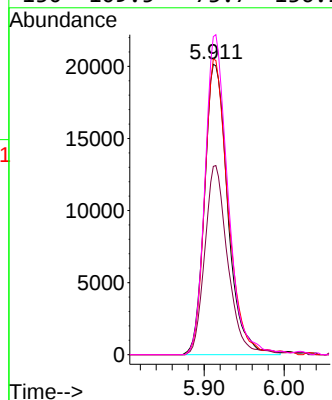
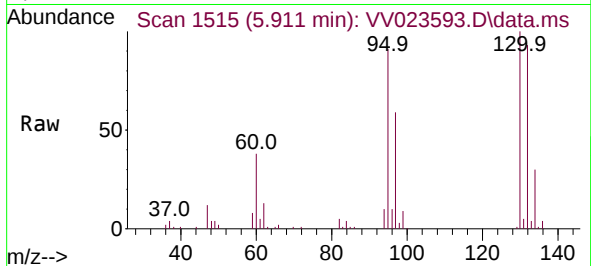




#34
Trichloroethene
Concen: 4.512 ug/L
RT: 5.911 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VV023593.D
Acq: 18 Nov 2021 10:38

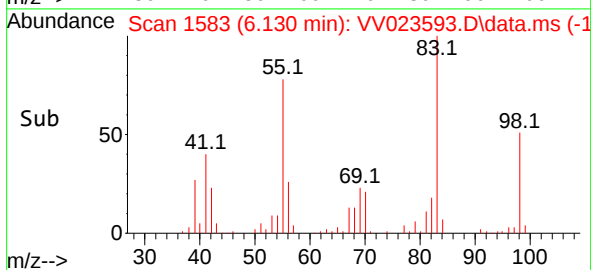
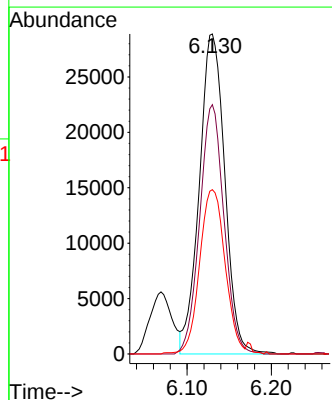
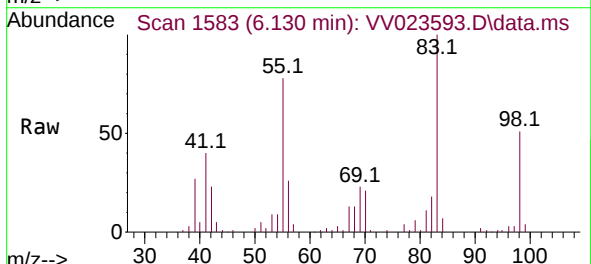
Instrument :
MSVOA_V
ClientSampleId :

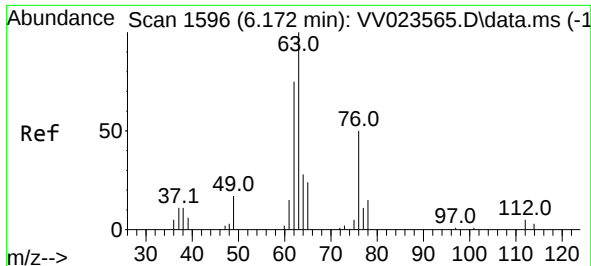
Tgt Ion: 95 Resp: 40840
Ion Ratio Lower Upper
95 100
97 64.8 45.0 83.6
132 101.8 69.7 129.4
130 109.5 73.7 136.9



#35
Methylcyclohexane
Concen: 4.263 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. -0.000 min
Lab File: VV023593.D
Acq: 18 Nov 2021 10:38

Tgt Ion: 83 Resp: 60899
Ion Ratio Lower Upper
83 100
55 74.3 62.8 94.2
98 51.1 37.9 56.9





#37

1,2-Dichloropropane

Concen: 4.682 ug/L

RT: 6.172 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV023593.D

Acq: 18 Nov 2021 10:38

Instrument :

MSVOA_V

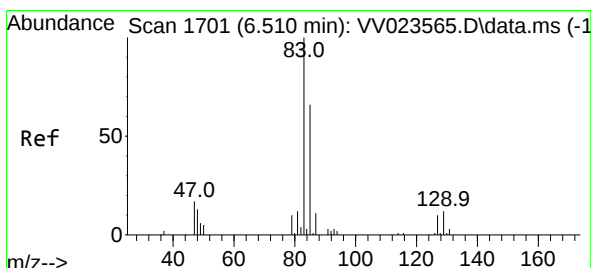
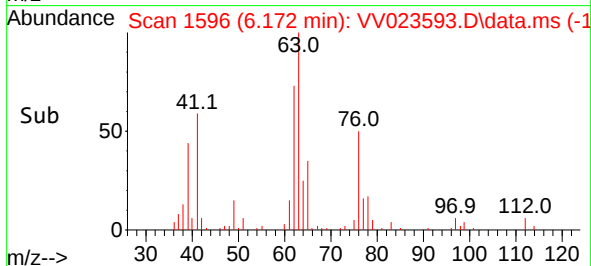
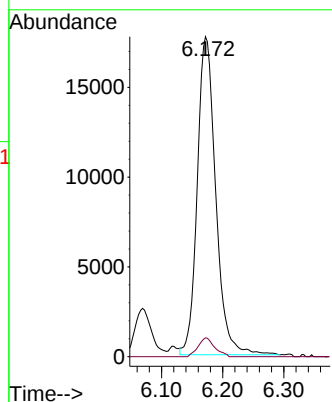
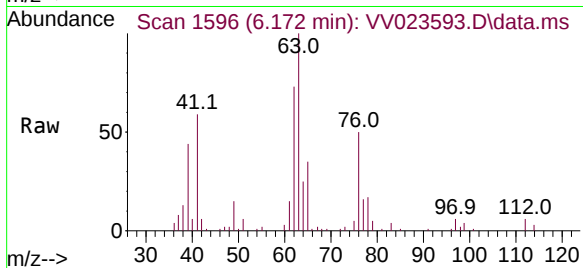
ClientSampleId :

Tgt Ion: 63 Resp: 37203

Ion Ratio Lower Upper

63 100

112 5.3 4.6 6.8



#38

Bromodichloromethane

Concen: 4.592 ug/L

RT: 6.509 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VV023593.D

Acq: 18 Nov 2021 10:38

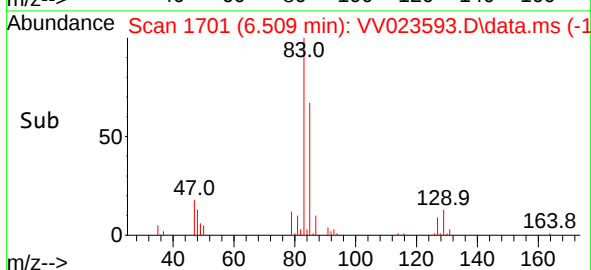
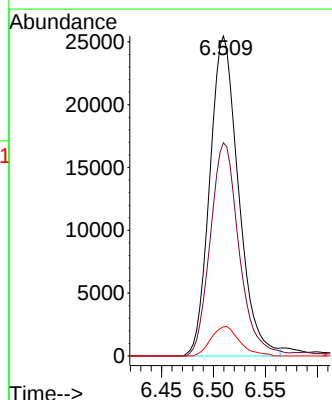
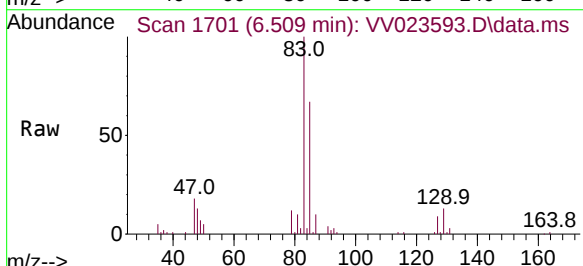
Tgt Ion: 83 Resp: 48898

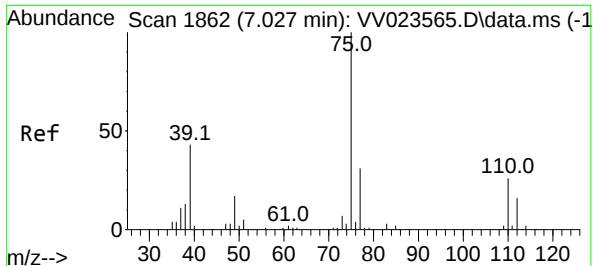
Ion Ratio Lower Upper

83 100

85 66.6 46.1 85.7

127 9.1 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.471 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. -0.000 min

Lab File: VV023593.D

Acq: 18 Nov 2021 10:38

Instrument :

MSVOA_V

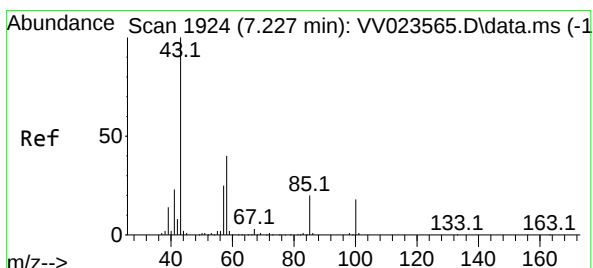
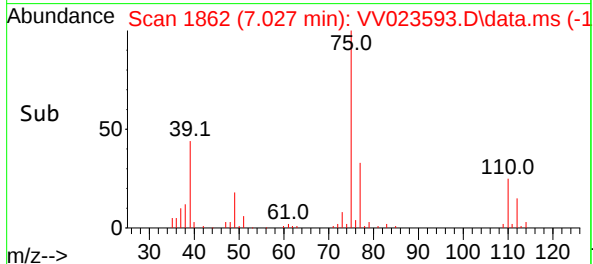
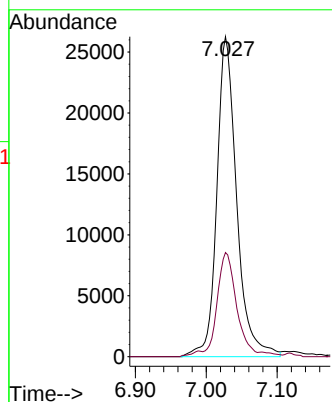
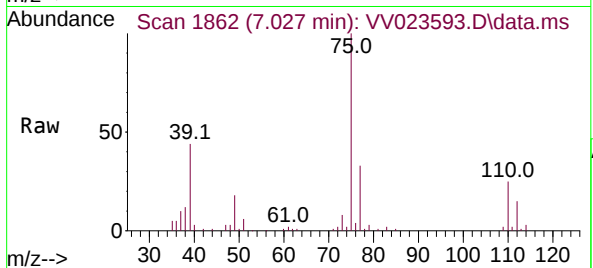
ClientSampleId :

Tgt Ion: 75 Resp: 51095

Ion Ratio Lower Upper

75 100

77 32.6 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 50.416 ug/L

RT: 7.226 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VV023593.D

Acq: 18 Nov 2021 10:38

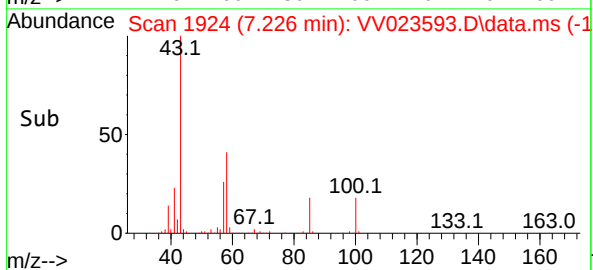
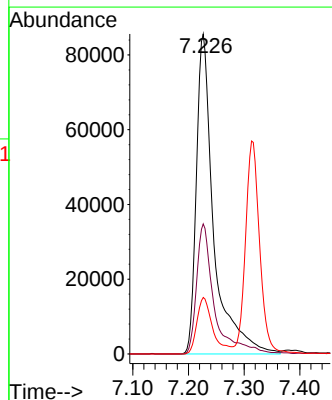
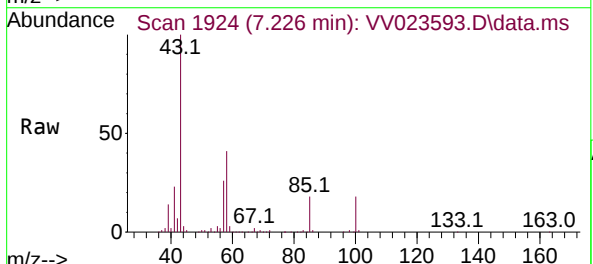
Tgt Ion: 43 Resp: 185786

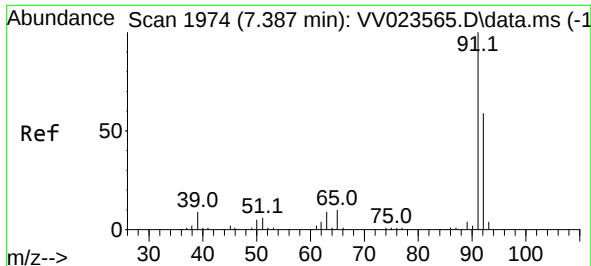
Ion Ratio Lower Upper

43 100

58 41.5 31.1 46.7

100 16.3 12.6 19.0





#42

Toluene

Concen: 4.846 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. -0.000 min

Lab File: VV023593.D

Acq: 18 Nov 2021 10:38

Instrument :

MSVOA_V

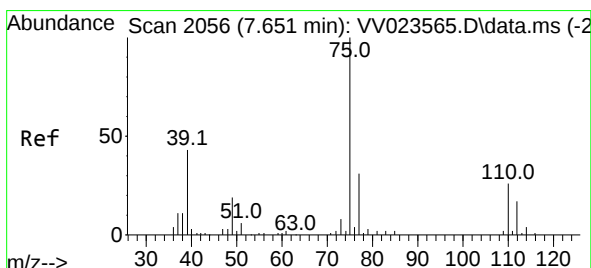
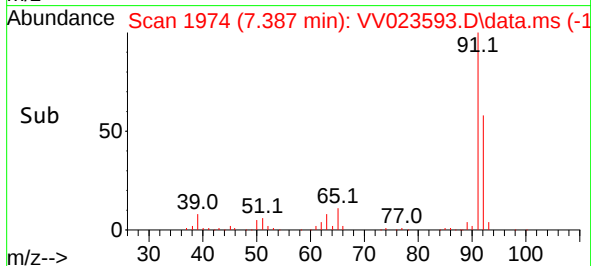
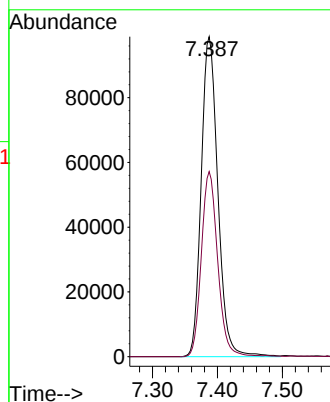
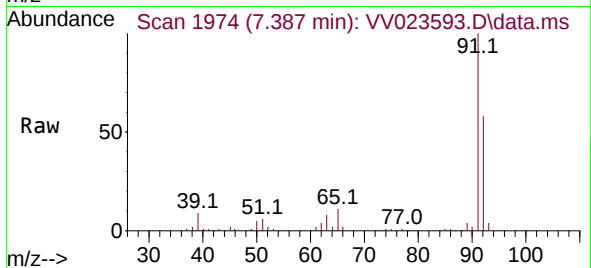
ClientSampleId :

Tgt Ion: 91 Resp: 176424

Ion Ratio Lower Upper

91 100

92 57.8 39.3 72.9



#44

trans-1,3-Dichloropropene

Concen: 4.753 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VV023593.D

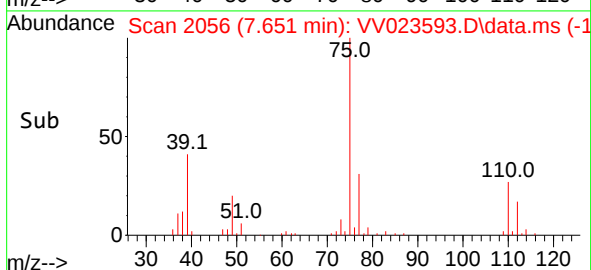
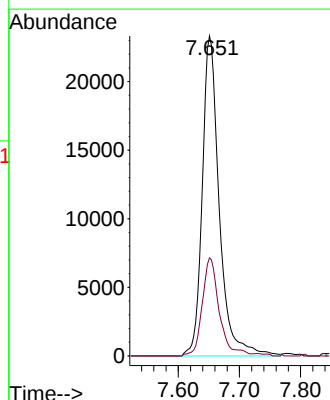
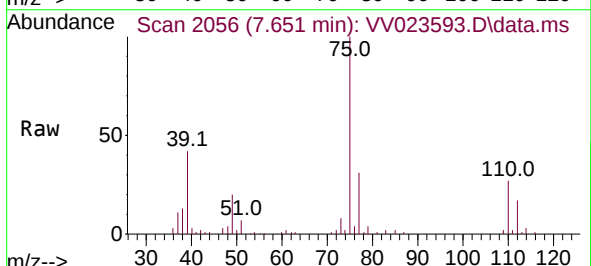
Acq: 18 Nov 2021 10:38

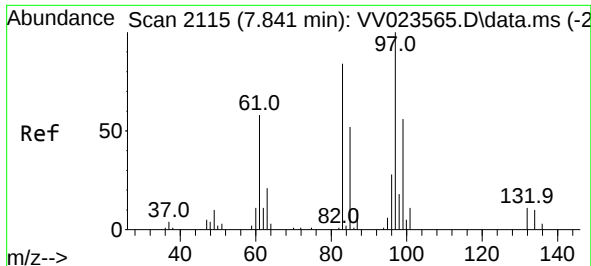
Tgt Ion: 75 Resp: 45074

Ion Ratio Lower Upper

75 100

77 30.7 22.5 41.7





#45

1,1,2-Trichloroethane

Concen: 4.777 ug/L

RT: 7.837 min Scan# 2114

Delta R.T. -0.003 min

Lab File: VV023593.D

Acq: 18 Nov 2021 10:38

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 27273

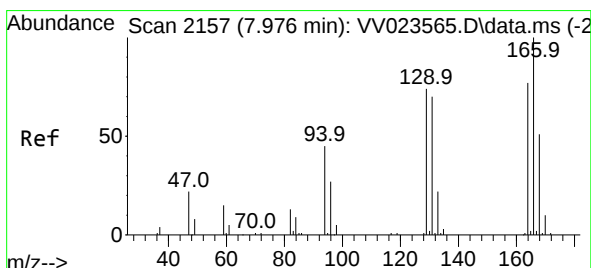
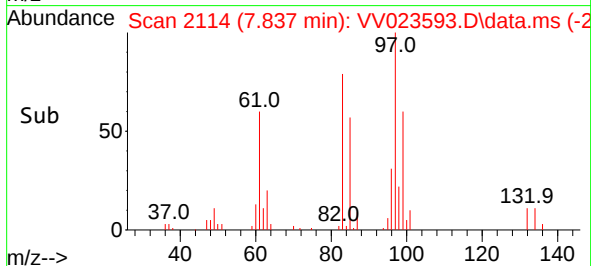
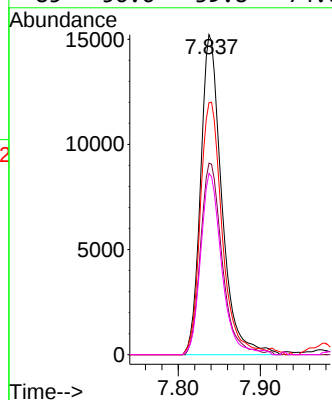
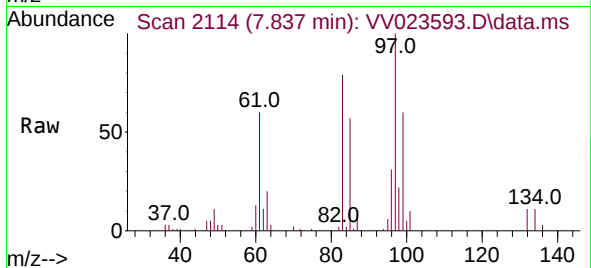
Ion Ratio Lower Upper

97 100

99 59.9 43.6 81.0

83 78.8 58.4 108.4

85 56.6 39.8 74.0



#47

Tetrachloroethene

Concen: 4.642 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.000 min

Lab File: VV023593.D

Acq: 18 Nov 2021 10:38

Tgt Ion:164 Resp: 36412

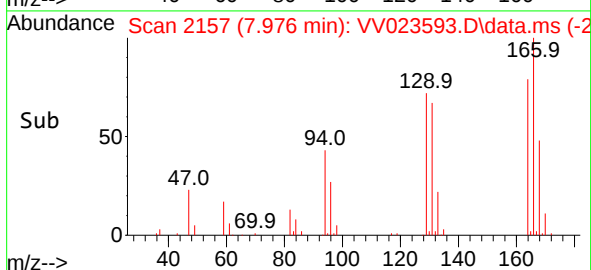
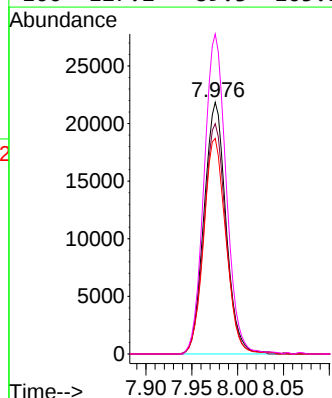
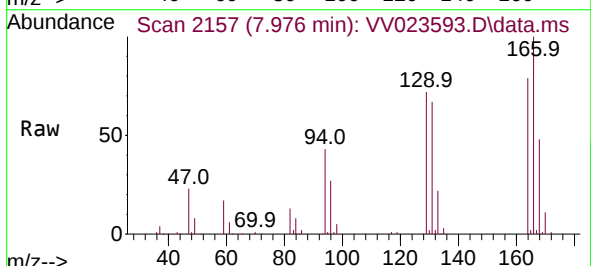
Ion Ratio Lower Upper

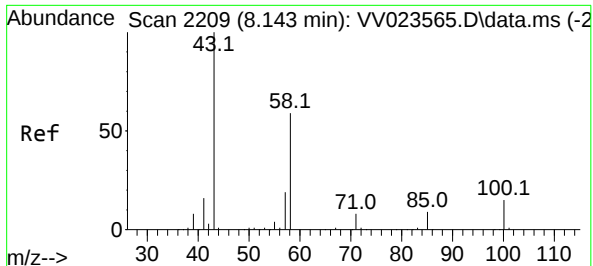
164 100

129 91.5 64.0 119.0

131 85.7 63.4 117.8

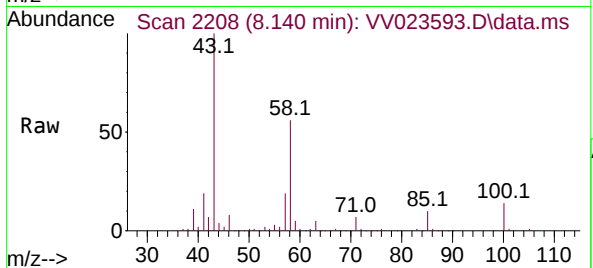
166 127.2 89.3 165.9



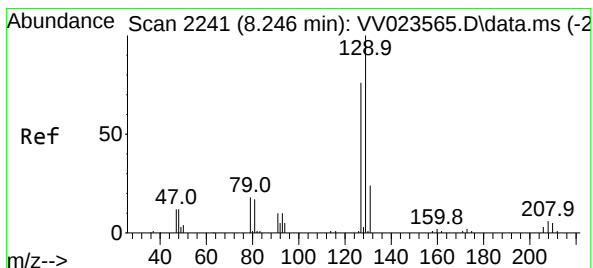
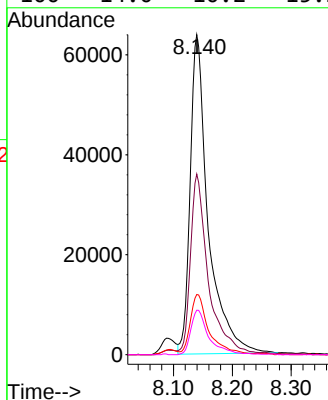
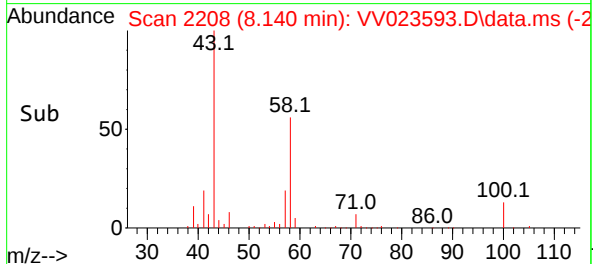


#48
2-Hexanone
Concen: 52.716 ug/L
RT: 8.140 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV023593.D
Acq: 18 Nov 2021 10:38

Instrument :
MSVOA_V
ClientSampleId :

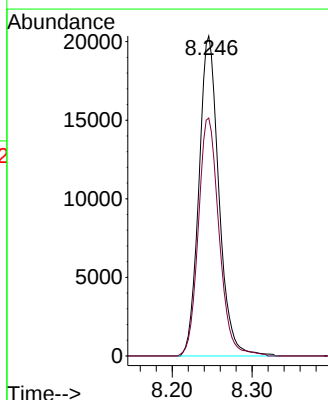
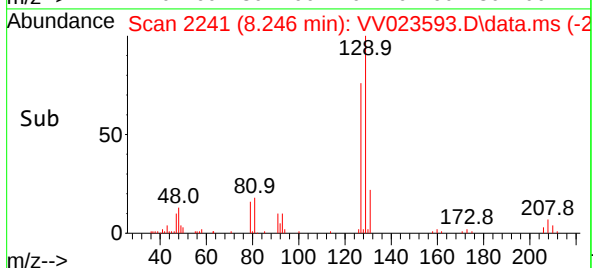
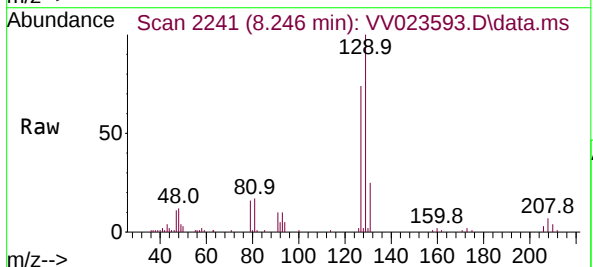


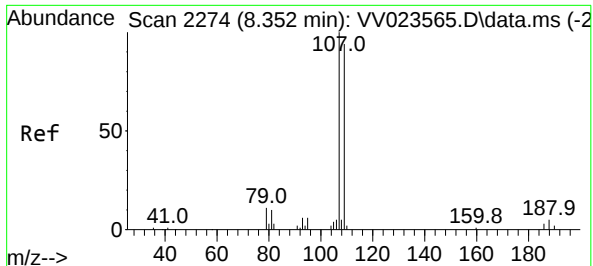
Tgt Ion: 43 Resp: 136120
Ion Ratio Lower Upper
43 100
58 54.8 43.7 65.5
57 18.8 14.1 21.1
100 14.0 10.2 15.2



#49
Dibromochloromethane
Concen: 4.898 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VV023593.D
Acq: 18 Nov 2021 10:38

Tgt Ion:129 Resp: 35430
Ion Ratio Lower Upper
129 100
127 74.3 54.7 101.7





#50

1,2-Dibromoethane

Concen: 4.719 ug/L

RT: 8.355 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV023593.D

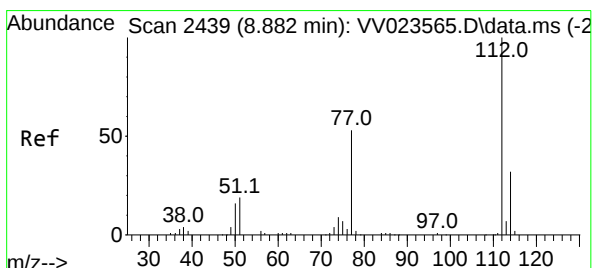
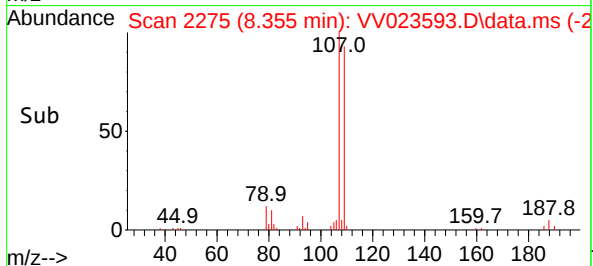
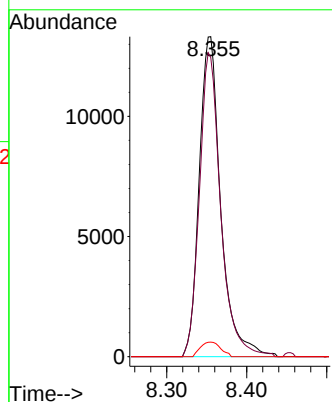
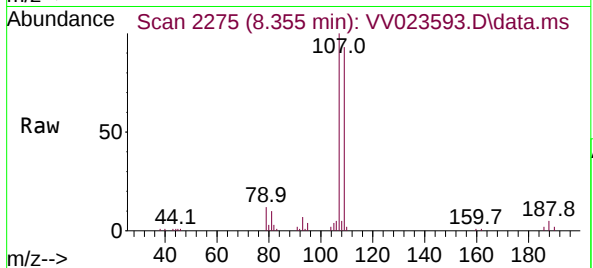
Acq: 18 Nov 2021 10:38

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	24966
Ion Ratio	Lower	Upper
107	100	
109	93.5	64.7 120.1
188	4.6	3.6 5.4



#51

Chlorobenzene

Concen: 4.582 ug/L

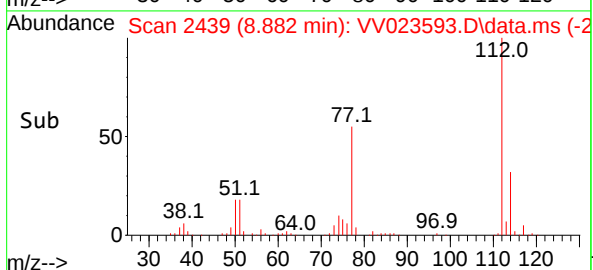
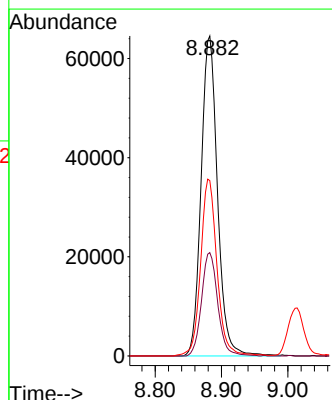
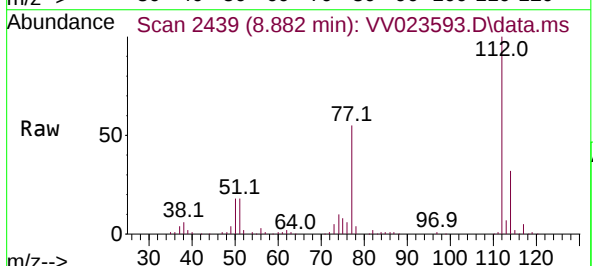
RT: 8.882 min Scan# 2439

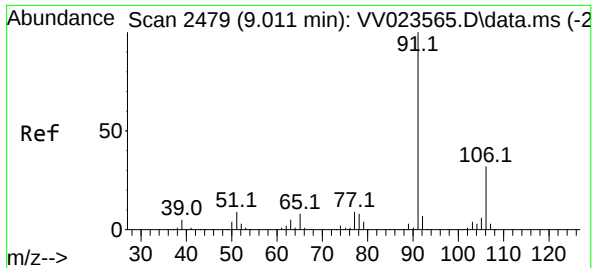
Delta R.T. -0.000 min

Lab File: VV023593.D

Acq: 18 Nov 2021 10:38

Tgt Ion:112	Resp:	110861
Ion Ratio	Lower	Upper
112	100	
114	32.3	22.0 40.8
77	54.8	44.4 66.6

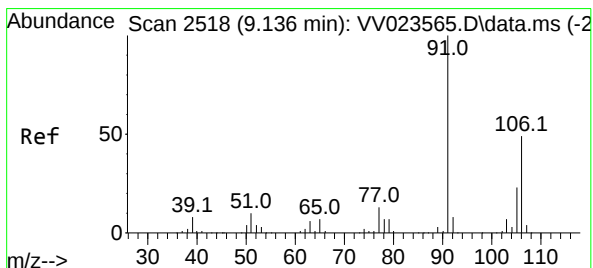
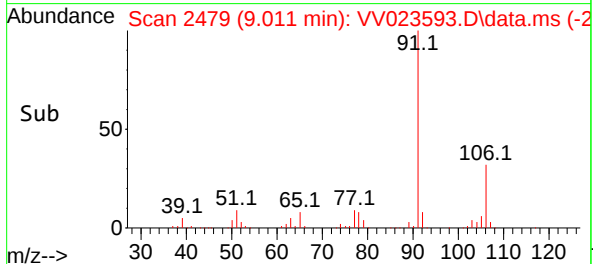
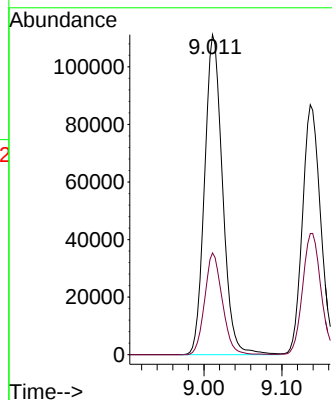
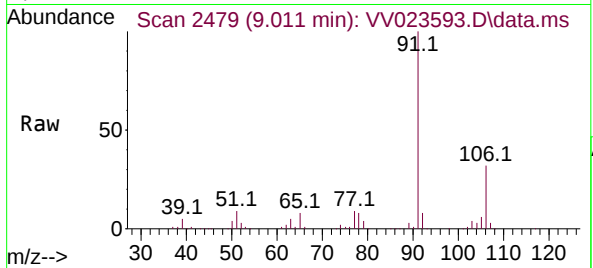




#52
Ethylbenzene
Concen: 4.641 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.000 min
Lab File: VV023593.D
Acq: 18 Nov 2021 10:38

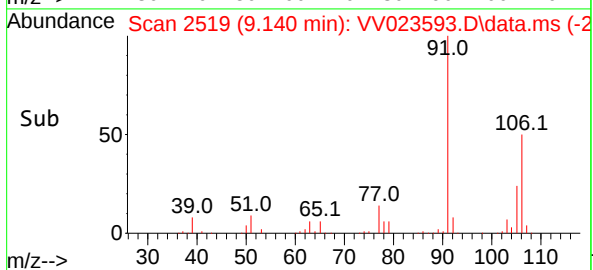
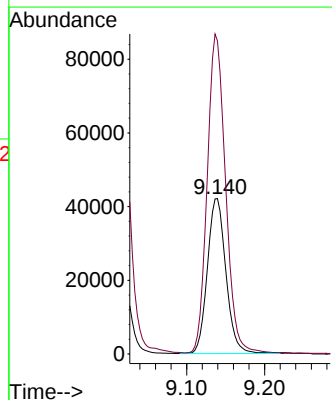
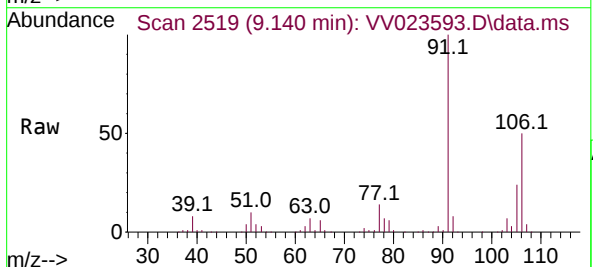
Instrument :
MSVOA_V
ClientSampleId :

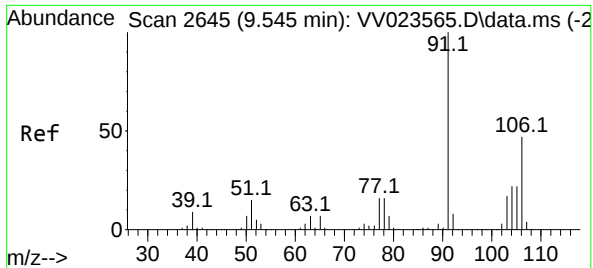
Tgt Ion: 91 Resp: 178190
Ion Ratio Lower Upper
91 100
106 31.8 22.5 41.9



#53
m,p-xylene
Concen: 4.626 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV023593.D
Acq: 18 Nov 2021 10:38

Tgt Ion: 106 Resp: 69705
Ion Ratio Lower Upper
106 100
91 201.5 137.2 254.8

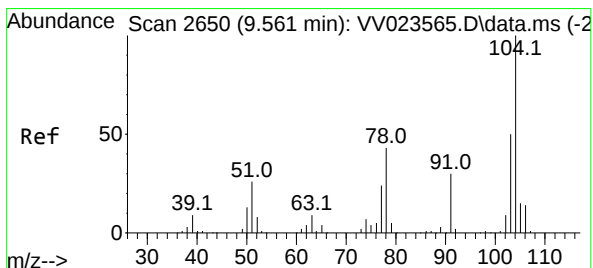
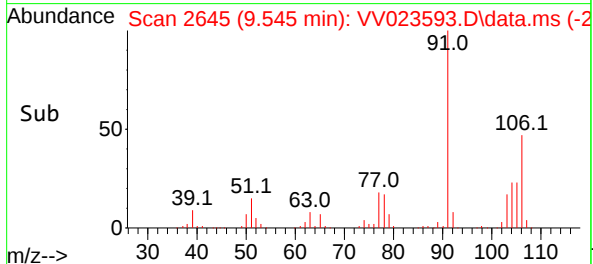
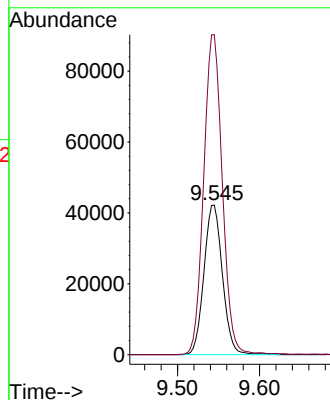
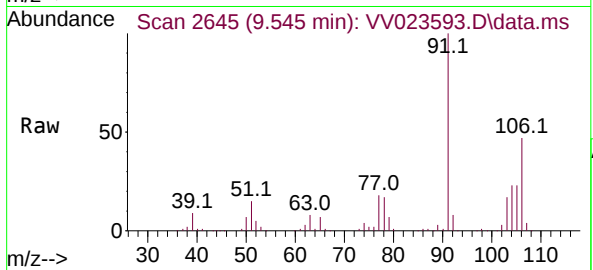




#54
o-xylene
Concen: 4.675 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV023593.D
Acq: 18 Nov 2021 10:38

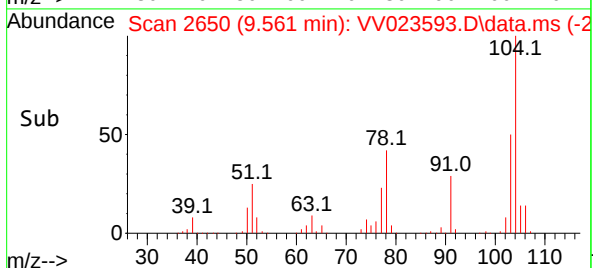
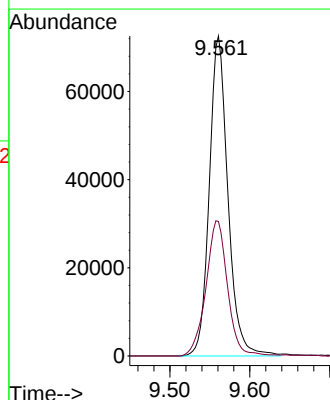
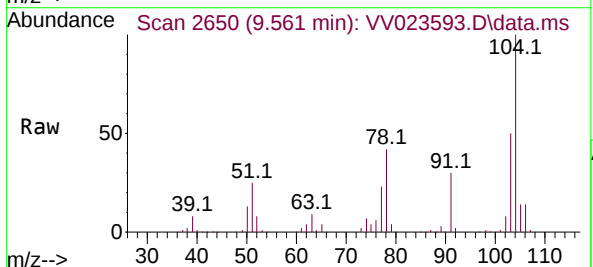
Instrument :
MSVOA_V
ClientSampleId :

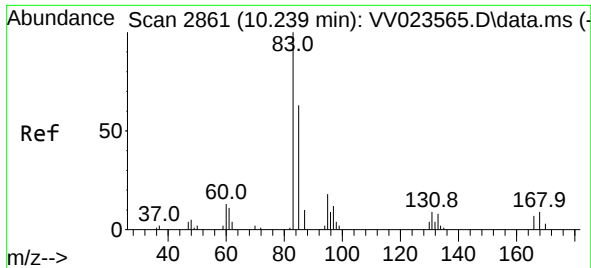
Tgt Ion:106 Resp: 66083
Ion Ratio Lower Upper
106 100
91 213.8 148.3 275.5



#55
Styrene
Concen: 4.860 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV023593.D
Acq: 18 Nov 2021 10:38

Tgt Ion:104 Resp: 117685
Ion Ratio Lower Upper
104 100
78 42.1 29.3 54.3

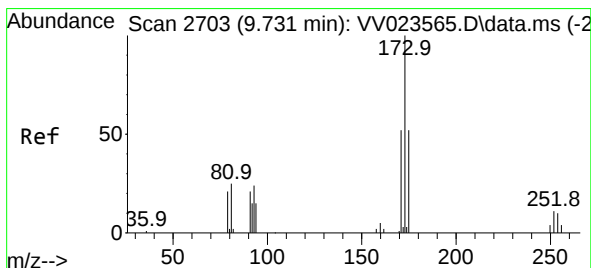
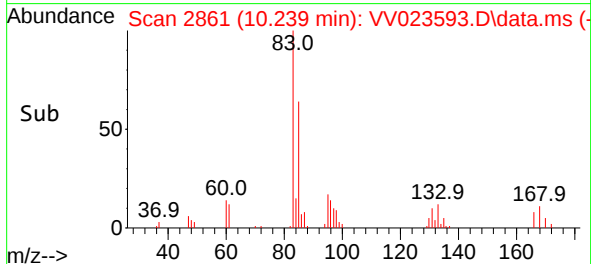
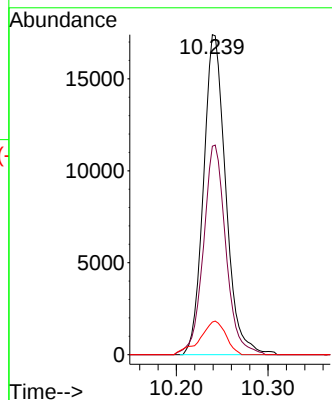
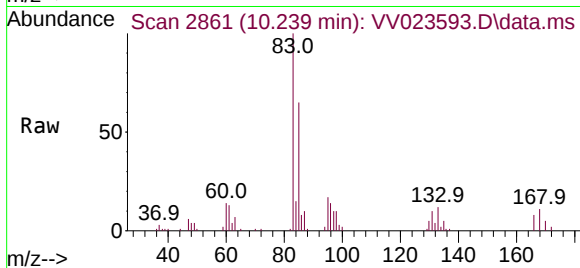




#57
 1,1,2,2-Tetrachloroethane
 Concen: 4.692 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. -0.000 min
 Lab File: VV023593.D
 Acq: 18 Nov 2021 10:38

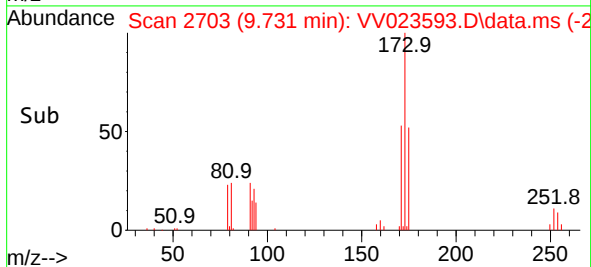
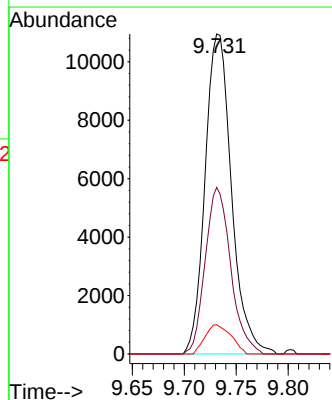
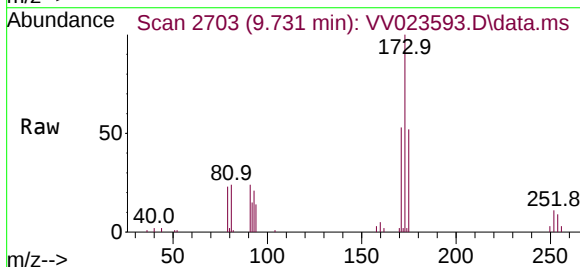
Instrument :
 MSVOA_V
 ClientSampleId :

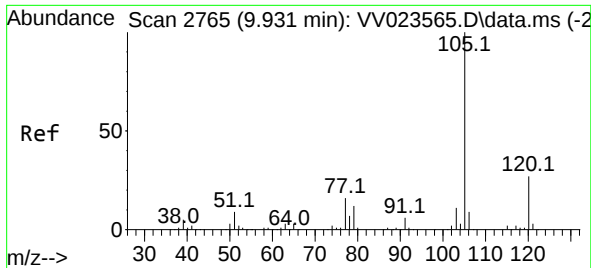
Tgt Ion: 83 Resp: 29346
 Ion Ratio Lower Upper
 83 100
 85 65.1 45.1 83.9
 131 10.2 7.8 11.6



#59
 Bromoform
 Concen: 4.833 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. -0.000 min
 Lab File: VV023593.D
 Acq: 18 Nov 2021 10:38

Tgt Ion: 173 Resp: 19360
 Ion Ratio Lower Upper
 173 100
 175 50.2 38.2 57.2
 254 9.0 6.2 9.2

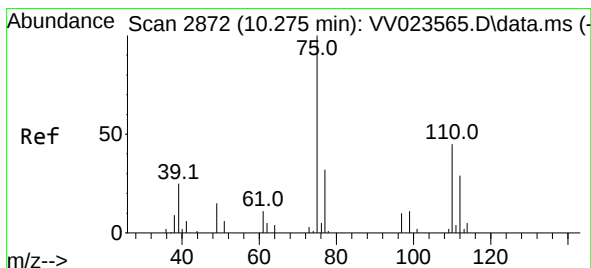
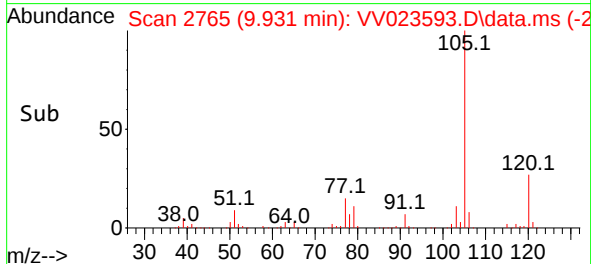
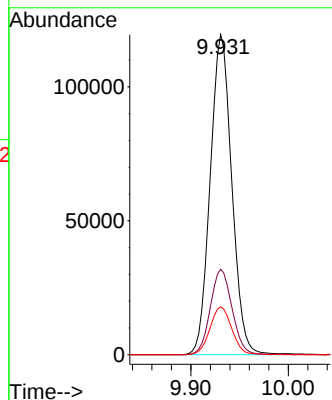
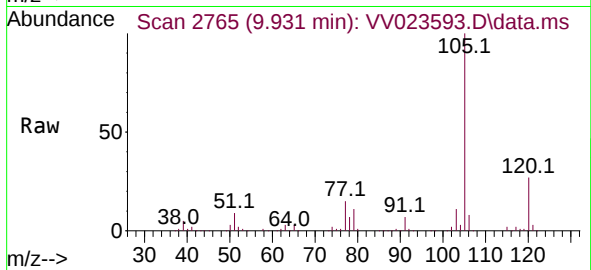




#60
Isopropylbenzene
Concen: 4.777 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV023593.D
Acq: 18 Nov 2021 10:38

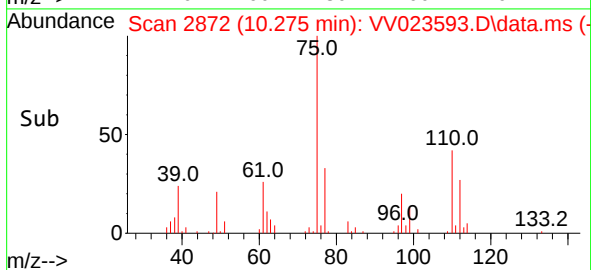
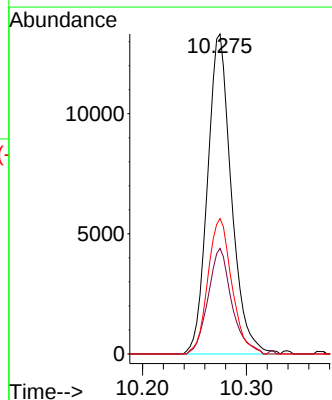
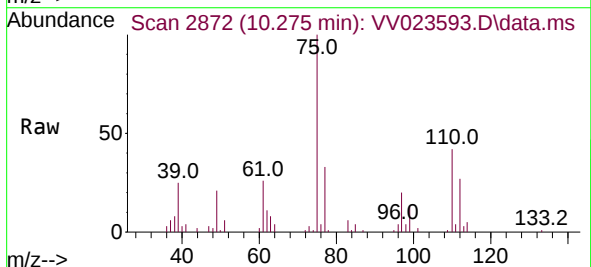
Instrument :
MSVOA_V
ClientSampleId :

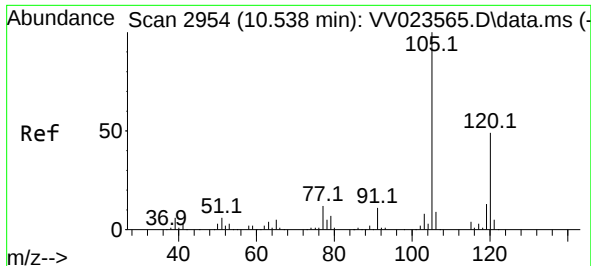
Tgt Ion:105 Resp: 183840
Ion Ratio Lower Upper
105 100
120 27.0 21.7 32.5
77 15.1 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.754 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV023593.D
Acq: 18 Nov 2021 10:38

Tgt Ion: 75 Resp: 21181
Ion Ratio Lower Upper
75 100
77 32.8 26.6 39.8
110 42.6 31.8 47.6





#62

1,3,5-Trimethylbenzene

Concen: 4.675 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. -0.000 min

Lab File: VV023593.D

Acq: 18 Nov 2021 10:38

Instrument :

MSVOA_V

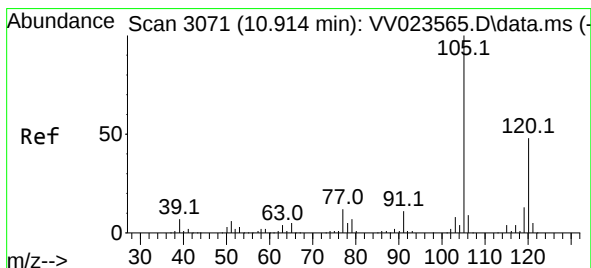
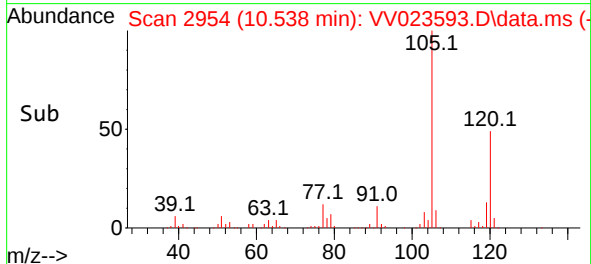
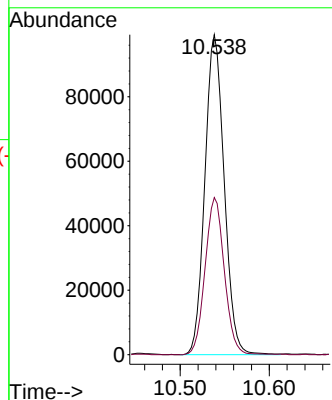
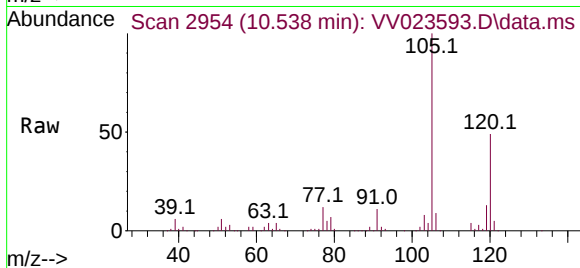
ClientSampleId :

Tgt Ion:105 Resp: 149193

Ion Ratio Lower Upper

105 100

120 49.0 39.7 59.5



#63

1,2,4-Trimethylbenzene

Concen: 4.799 ug/L

RT: 10.914 min Scan# 3071

Delta R.T. -0.000 min

Lab File: VV023593.D

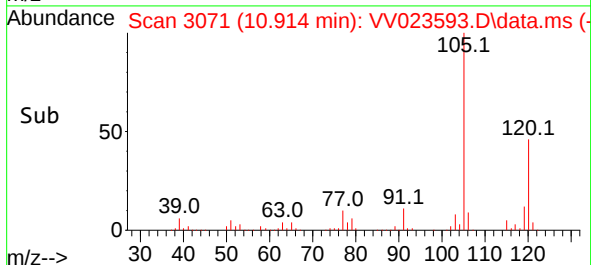
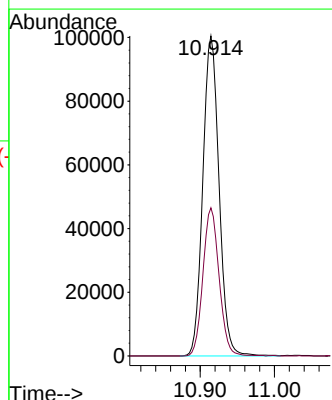
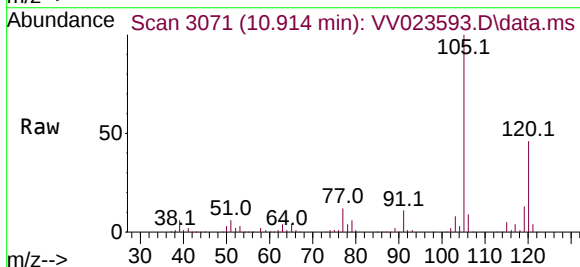
Acq: 18 Nov 2021 10:38

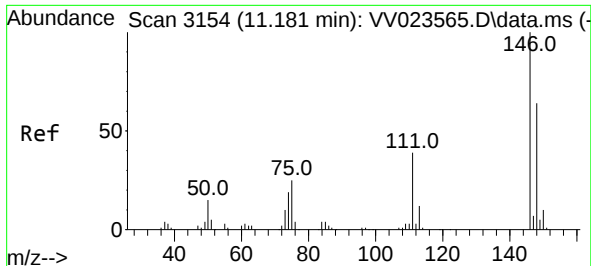
Tgt Ion:105 Resp: 152445

Ion Ratio Lower Upper

105 100

120 46.0 37.4 56.2

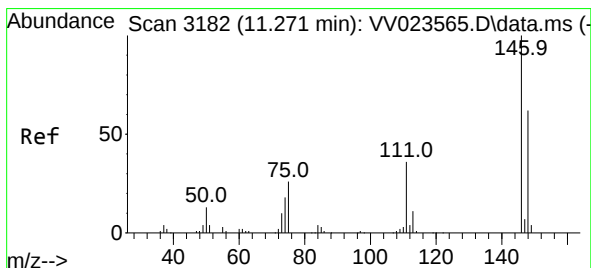
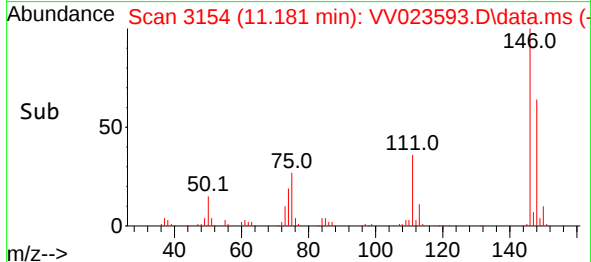
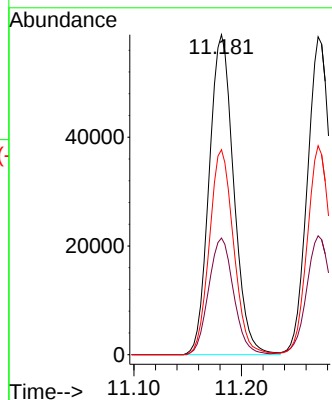
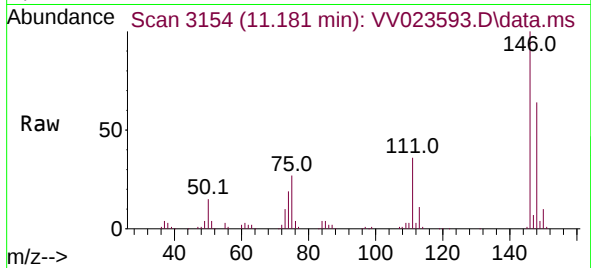




#64
1,3-Dichlorobenzene
Concen: 4.756 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV023593.D
Acq: 18 Nov 2021 10:38

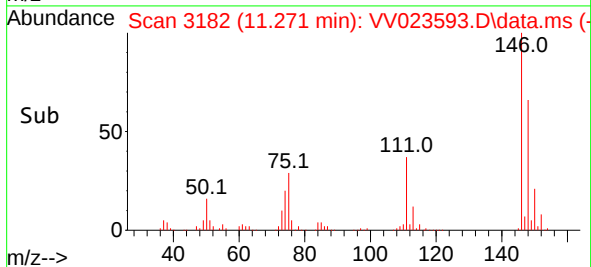
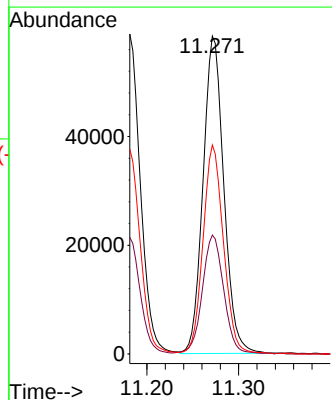
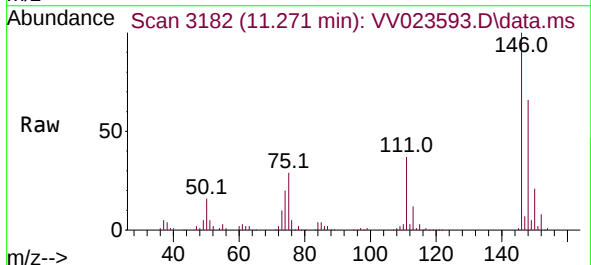
Instrument :
MSVOA_V
ClientSampleId :

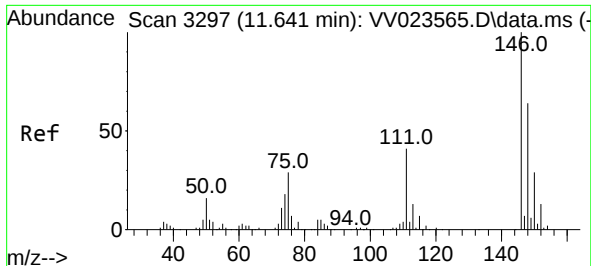
Tgt Ion:146 Resp: 93532
Ion Ratio Lower Upper
146 100
111 36.4 26.7 49.7
148 64.0 42.9 79.7



#65
1,4-Dichlorobenzene
Concen: 4.579 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV023593.D
Acq: 18 Nov 2021 10:38

Tgt Ion:146 Resp: 91966
Ion Ratio Lower Upper
146 100
111 37.4 26.2 48.8
148 65.8 44.4 82.5

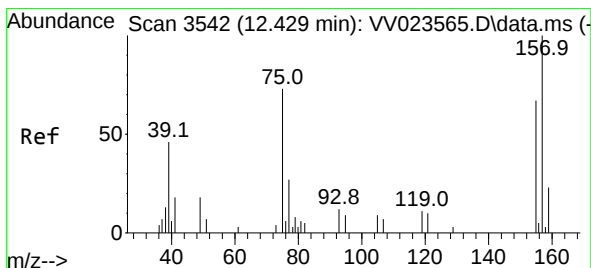
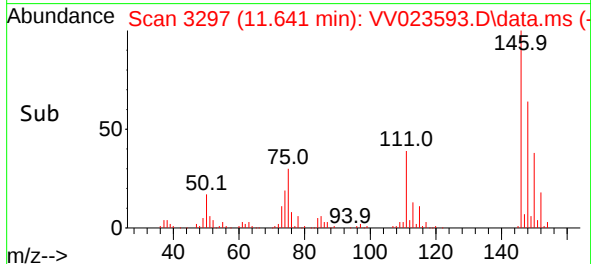
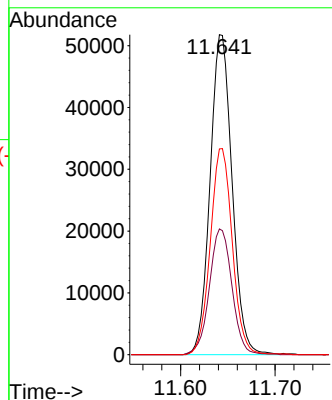
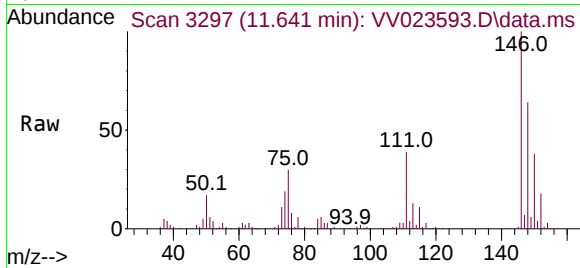




#67
 1,2-Dichlorobenzene
 Concen: 4.756 ug/L
 RT: 11.641 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV023593.D
 Acq: 18 Nov 2021 10:38

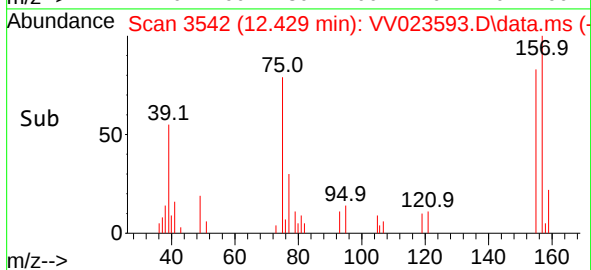
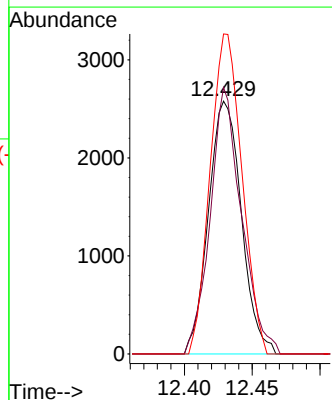
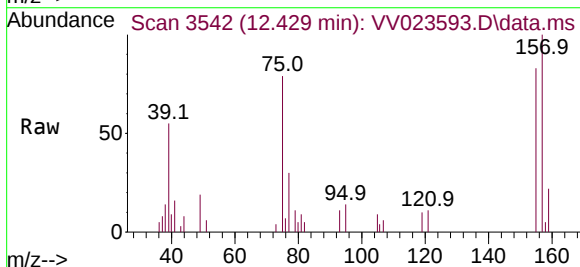
Instrument :
 MSVOA_V
 ClientSampleId :

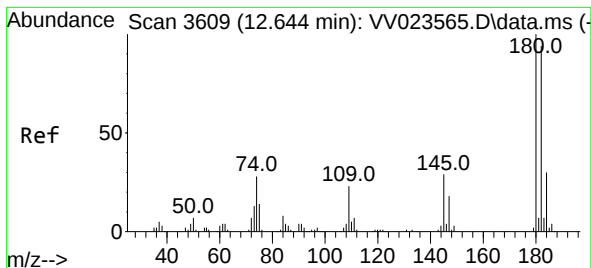
Tgt Ion:146 Resp: 83691
 Ion Ratio Lower Upper
 146 100
 111 39.3 31.6 47.4
 148 64.3 51.0 76.6



#68
 1,2-Dibromo-3-chloropropane
 Concen: 4.591 ug/L
 RT: 12.429 min Scan# 3542
 Delta R.T. -0.000 min
 Lab File: VV023593.D
 Acq: 18 Nov 2021 10:38

Tgt Ion: 75 Resp: 4358
 Ion Ratio Lower Upper
 75 100
 155 105.4 67.7 101.5#
 157 126.6 87.9 131.9





#69

1,3,5-Trichlorobenzene

Concen: 4.573 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. -0.000 min

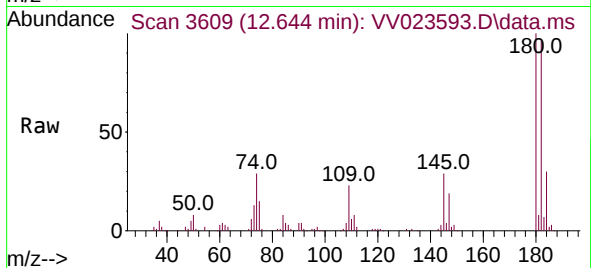
Lab File: VV023593.D

Acq: 18 Nov 2021 10:38

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 70408

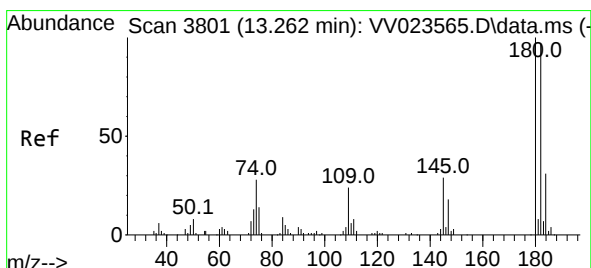
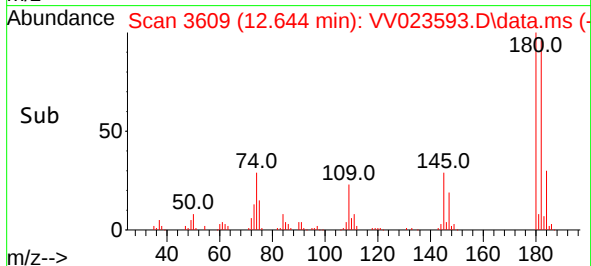
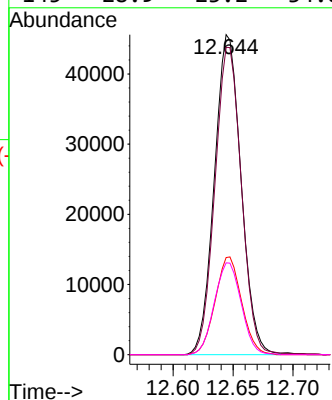
Ion Ratio Lower Upper

180 100

182 95.4 74.9 112.3

184 30.3 23.8 35.8

145 28.9 23.2 34.8



#70

1,2,4-trichlorobenzene

Concen: 4.242 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. -0.000 min

Lab File: VV023593.D

Acq: 18 Nov 2021 10:38

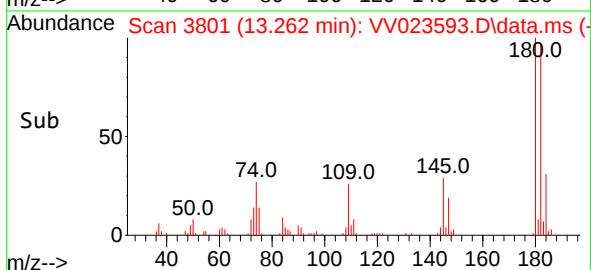
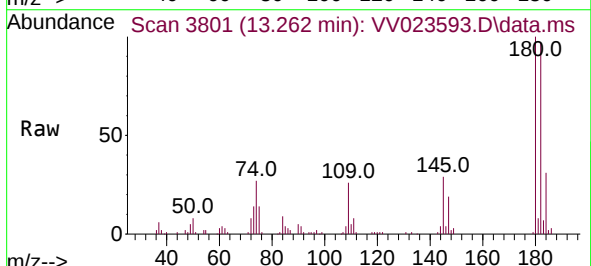
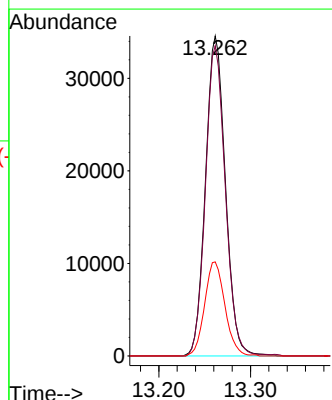
Tgt Ion:180 Resp: 52304

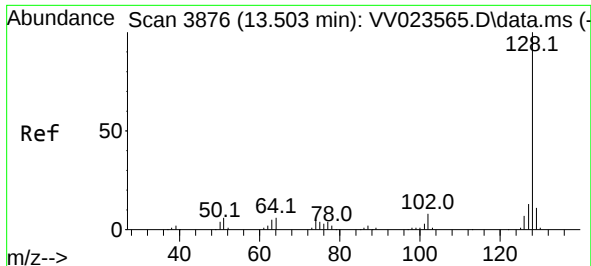
Ion Ratio Lower Upper

180 100

182 96.6 76.9 115.3

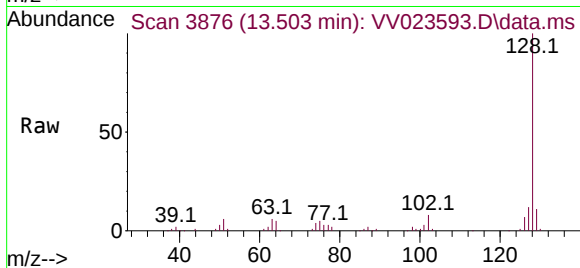
145 29.9 24.4 36.6



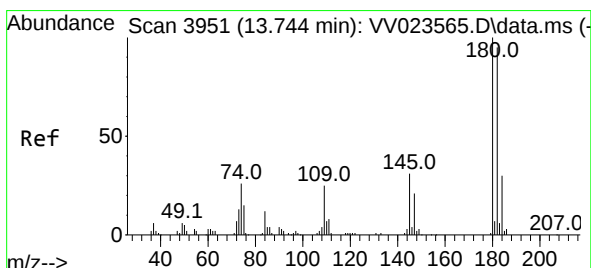
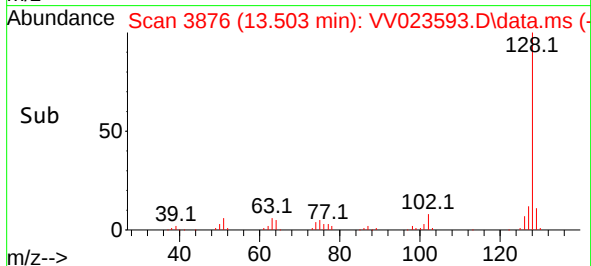
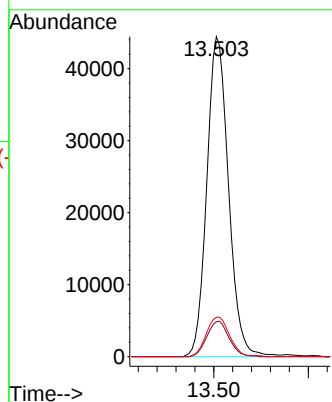


#71
Naphthalene
Concen: 3.891 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV023593.D
Acq: 18 Nov 2021 10:38

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	128	Resp:	70744
Ion Ratio	Lower	Upper	
128	100		
129	11.3	8.6	13.0
127	13.3	10.5	15.7



#72
1,2,3-Trichlorobenzene
Concen: 4.495 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VV023593.D
Acq: 18 Nov 2021 10:38

Tgt Ion:	180	Resp:	48494
Ion Ratio	Lower	Upper	
180	100		
182	93.4	76.7	115.1
145	32.0	25.7	38.5

