

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021422\
 Data File : VW024643.D
 Acq On : 14 Feb 2022 11:23
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 15 06:23:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Feb 12 07:08:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	131906	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	133393	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	69641	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	50806	4.595	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.800%
7) Chloroethane-d5	1.571	69	46343	4.958	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.200%
11) 1,1-Dichloroethene-d2	2.111	63	127002	5.251	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.000%
20) 2-Butanone-d5	3.902	46	89906	48.981	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.960%
24) Chloroform-d	4.346	84	101692	5.226	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.600%
26) 1,2-Dichloroethane-d4	5.031	65	46057	5.216	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.400%
32) Benzene-d6	5.047	84	200435	5.296	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.000%
36) 1,2-Dichloropropane-d6	6.066	67	60071	5.103	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.000%
41) Toluene-d8	7.310	98	187266	5.305	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.000%
43) trans-1,3-Dichloroprop...	7.619	79	22906	4.818	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.400%
46) 2-Hexanone-d5	8.085	63	85240	50.895	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.800%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	35674	5.090	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	57688	5.139	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	96977	5.595	ug/L	100
3) Chloromethane	1.243	50	92121	5.401	ug/L	98
5) Vinyl chloride	1.314	62	98309	5.353	ug/L	98
6) Bromomethane	1.526	94	59569	5.268	ug/L	100
8) Chloroethane	1.587	64	61071	5.429	ug/L	98
9) Trichlorofluoromethane	1.757	101	138037	5.561	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	80541	5.820	ug/L	88
12) 1,1-Dichloroethene	2.121	96	77814	5.698	ug/L	94
13) Acetone	2.201	43	75003	51.779	ug/L	74
14) Carbon disulfide	2.294	76	233636	5.382	ug/L	99
15) Methyl Acetate	2.442	43	21681	5.234	ug/L	91
16) Methylene chloride	2.507	84	70639	5.221	ug/L	94
17) Methyl tert-butyl Ether	2.767	73	152053	5.403	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	73727	5.495	ug/L	90
19) 1,1-Dichloroethane	3.188	63	134652	5.811	ug/L	98
21) 2-Butanone	3.986	43	133591	55.648	ug/L	99
22) cis-1,2-Dichloroethene	3.908	96	77667	5.742	ug/L	94
23) Bromochloromethane	4.246	128	30434	5.924	ug/L	87
25) Chloroform	4.371	83	136818	5.641	ug/L	97

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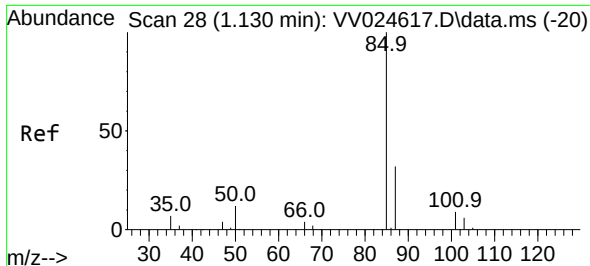
Quant Time: Feb 15 06:23:37 2022
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	76361	5.742	ug/L	97
29) 1,1,1-Trichloroethane	4.603	97	124970	5.711	ug/L	97
30) Cyclohexane	4.674	56	127425	5.652	ug/L	97
31) Carbon tetrachloride	4.825	117	105426	5.689	ug/L	100
33) Benzene	5.095	78	306777	5.893	ug/L	100
34) Trichloroethene	5.908	95	81738	5.702	ug/L	88
35) Methylcyclohexane	6.127	83	137612	5.803	ug/L	98
37) 1,2-Dichloropropane	6.169	63	74075	5.870	ug/L	97
38) Bromodichloromethane	6.506	83	95709	5.707	ug/L #	96
39) cis-1,3-Dichloropropene	7.024	75	110926	5.769	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	372938	57.271	ug/L	100
42) Toluene	7.384	91	329770	5.815	ug/L	97
44) trans-1,3-Dichloropropene	7.648	75	88624	5.580	ug/L	100
45) 1,1,2-Trichloroethane	7.834	97	47001	5.748	ug/L	95
47) Tetrachloroethene	7.973	164	54263	5.706	ug/L	90
48) 2-Hexanone	8.137	43	263320	59.073	ug/L	98
49) Dibromochloromethane	8.243	129	56462	5.718	ug/L	98
50) 1,2-Dibromoethane	8.349	107	44823	5.840	ug/L #	97
51) Chlorobenzene	8.876	112	202930	5.839	ug/L	93
52) Ethylbenzene	9.008	91	367176	5.819	ug/L	98
53) m,p-xylene	9.133	106	141563	5.923	ug/L	94
54) o-xylene	9.538	106	135477	5.878	ug/L	94
55) Styrene	9.558	104	224455	5.932	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	48353	5.838	ug/L	99
59) Bromoform	9.731	173	24885	5.592	ug/L	96
60) Isopropylbenzene	9.928	105	365575	5.788	ug/L	98
61) 1,2,3-Trichloropropane	10.272	75	39544	5.760	ug/L	95
62) 1,3,5-Trimethylbenzene	10.535	105	314354	5.812	ug/L	96
63) 1,2,4-Trimethylbenzene	10.911	105	311758	5.798	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	149834	5.828	ug/L	96
65) 1,4-Dichlorobenzene	11.268	146	146183	5.725	ug/L	95
67) 1,2-Dichlorobenzene	11.641	146	131444	5.759	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.426	75	7345	5.508	ug/L #	74
69) 1,3,5-Trichlorobenzene	12.641	180	105132	5.747	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	82140	5.561	ug/L	96
71) Naphthalene	13.500	128	145893	5.453	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	68661	5.527	ug/L	96

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

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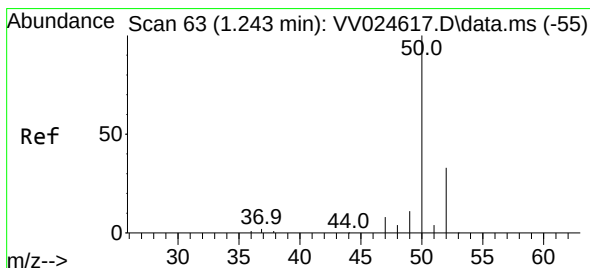
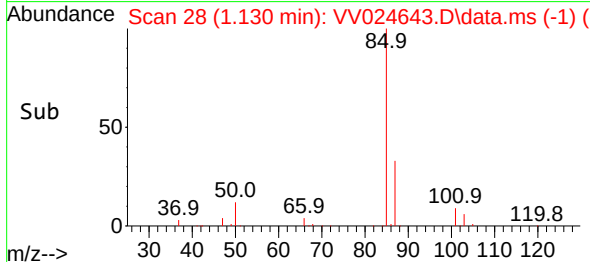
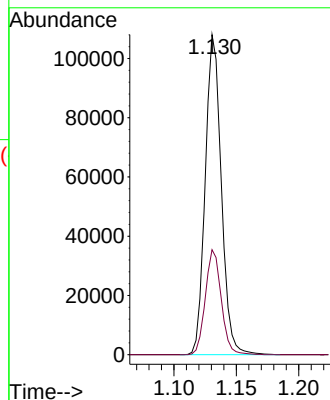
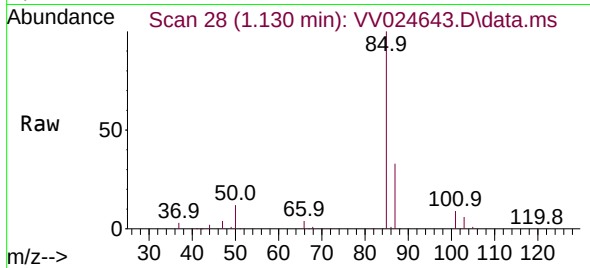




#2
 Dichlorodifluoromethane
 Concen: 5.595 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VV024643.D
 Acq: 14 Feb 2022 11:23

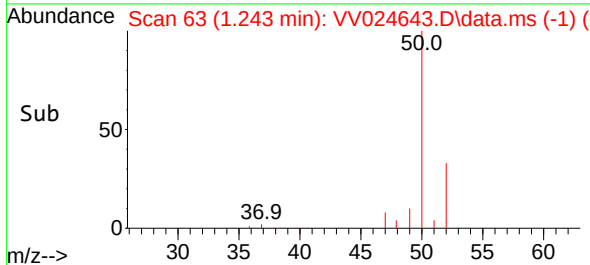
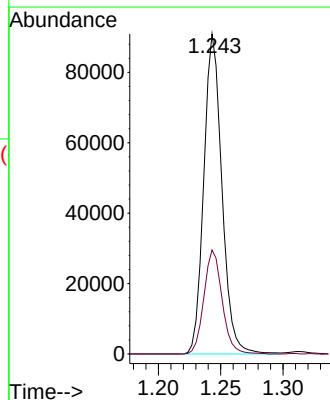
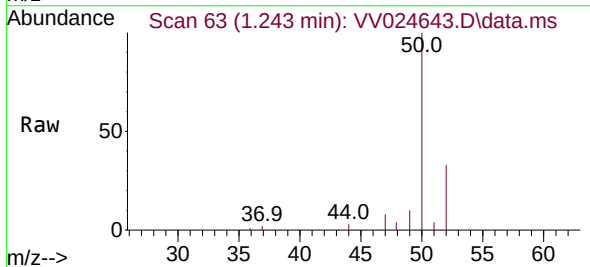
Instrument :
 MSVOA_V
 ClientSampleId :

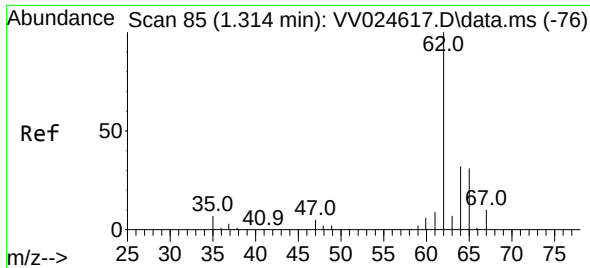
Tgt Ion: 85 Resp: 96977
 Ion Ratio Lower Upper
 85 100
 87 32.4 26.0 39.0



#3
 Chloromethane
 Concen: 5.401 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: VV024643.D
 Acq: 14 Feb 2022 11:23

Tgt Ion: 50 Resp: 92121
 Ion Ratio Lower Upper
 50 100
 52 32.5 22.0 41.0

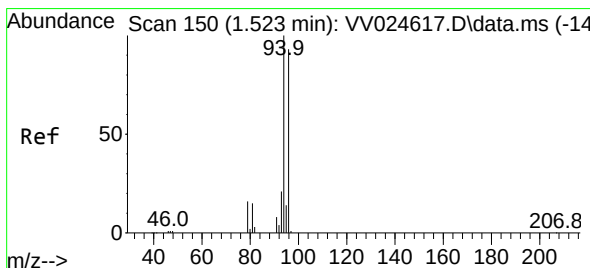
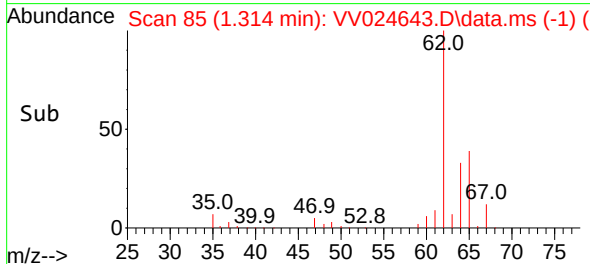
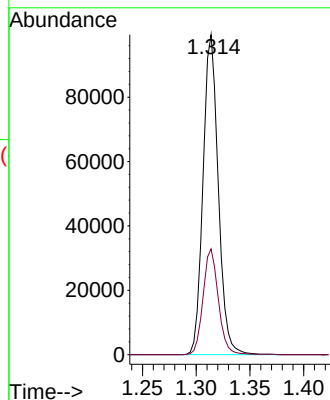
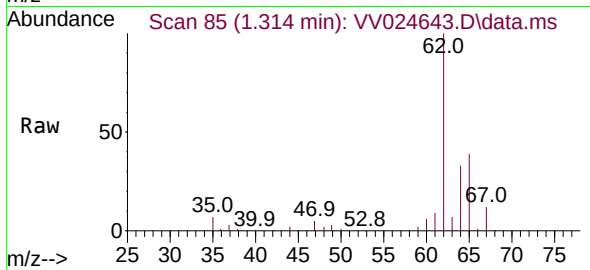




#5
 Vinyl chloride
 Concen: 5.353 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: VV024643.D
 Acq: 14 Feb 2022 11:23

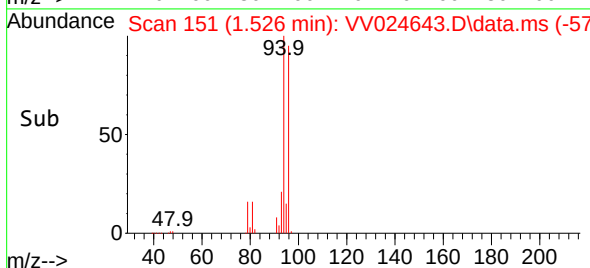
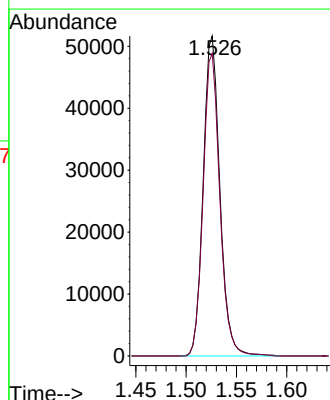
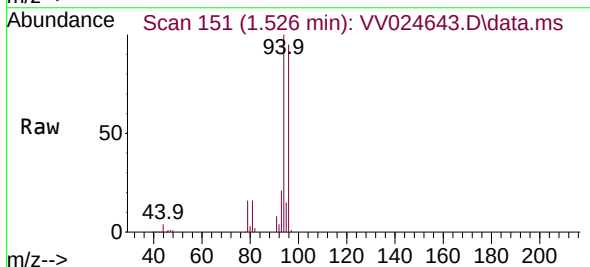
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 ClientSampleId :

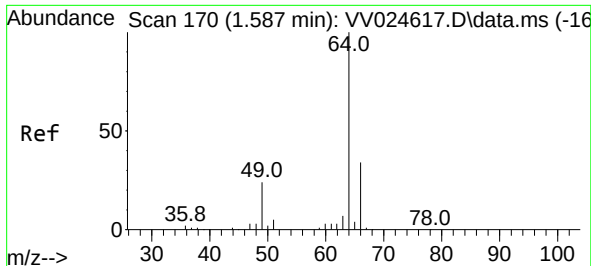
Tgt Ion: 62 Resp: 98309
 Ion Ratio Lower Upper
 62 100
 64 33.1 22.4 41.6



#6
 Bromomethane
 Concen: 5.268 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.003 min
 Lab File: VV024643.D
 Acq: 14 Feb 2022 11:23

Tgt Ion: 94 Resp: 59569
 Ion Ratio Lower Upper
 94 100
 96 94.6 66.2 123.0

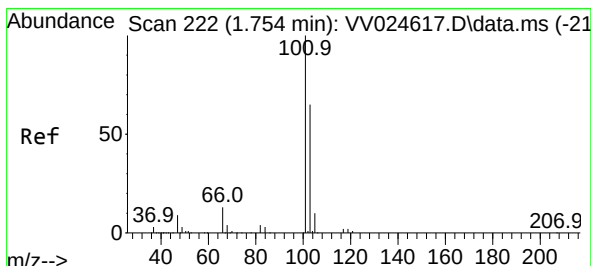
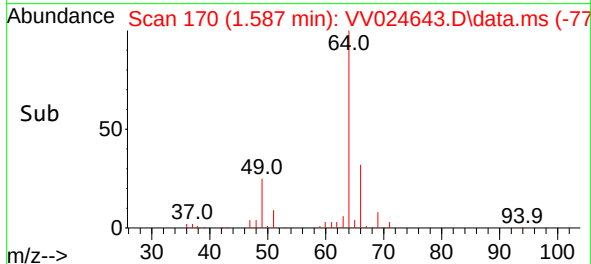
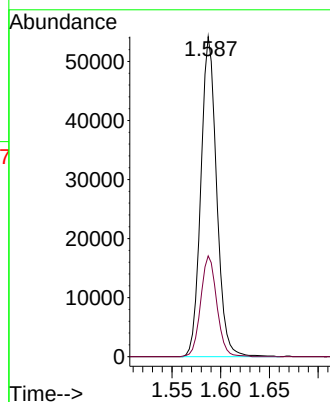
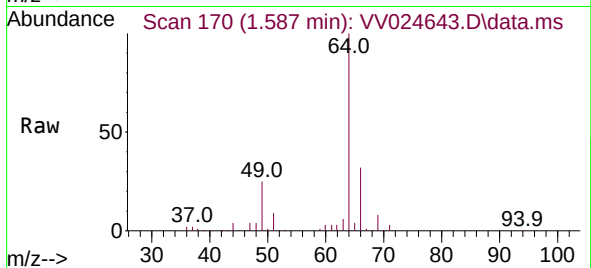




#8
Chloroethane
Concen: 5.429 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV024643.D
Acq: 14 Feb 2022 11:23

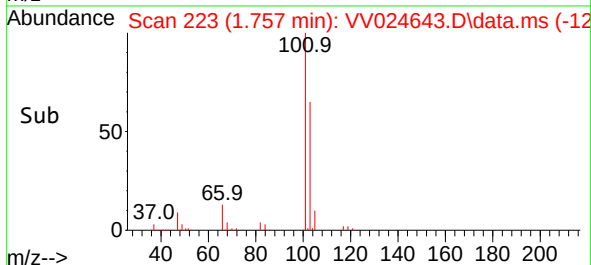
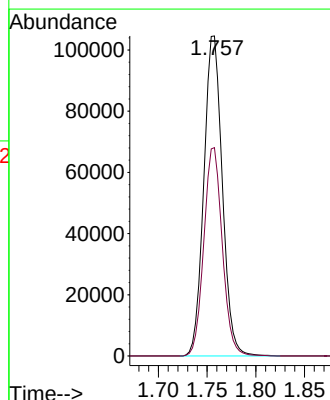
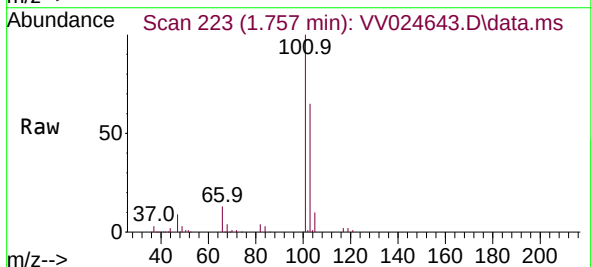
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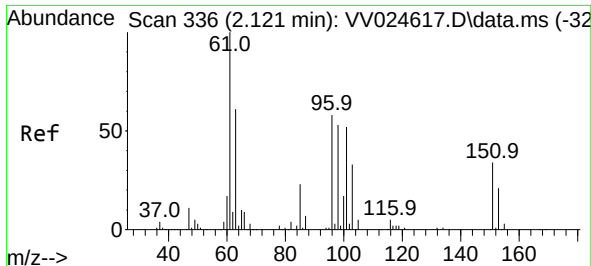
Tgt Ion: 64 Resp: 61071
Ion Ratio Lower Upper
64 100
66 31.5 21.4 39.8



#9
Trichlorofluoromethane
Concen: 5.561 ug/L
RT: 1.757 min Scan# 223
Delta R.T. 0.003 min
Lab File: VV024643.D
Acq: 14 Feb 2022 11:23

Tgt Ion:101 Resp: 138037
Ion Ratio Lower Upper
101 100
103 64.9 51.6 77.4

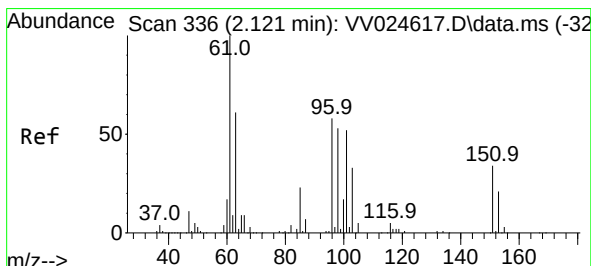
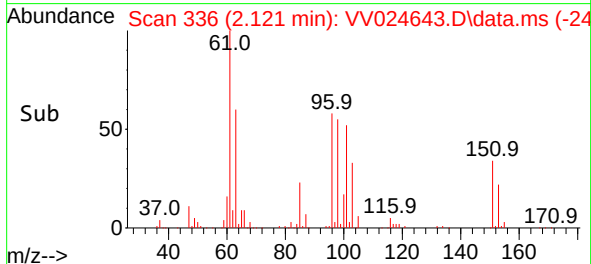
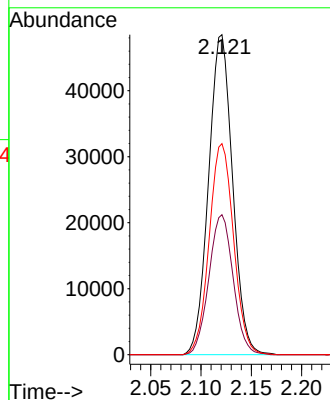
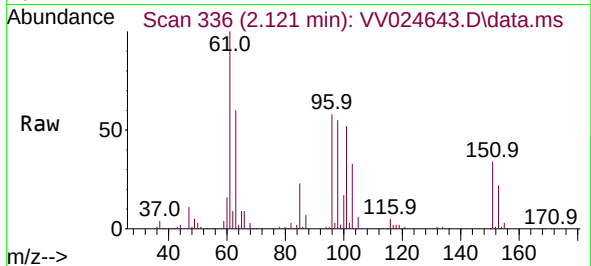




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.820 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. -0.000 min
 Lab File: VV024643.D
 Acq: 14 Feb 2022 11:23

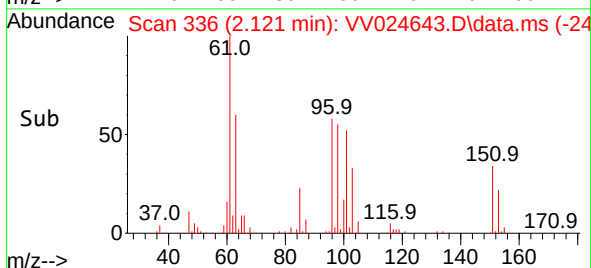
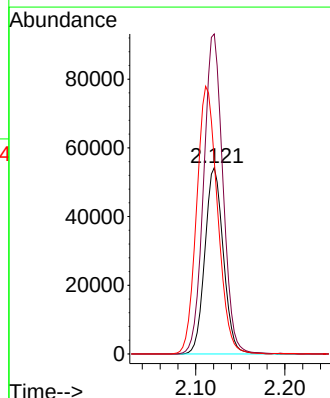
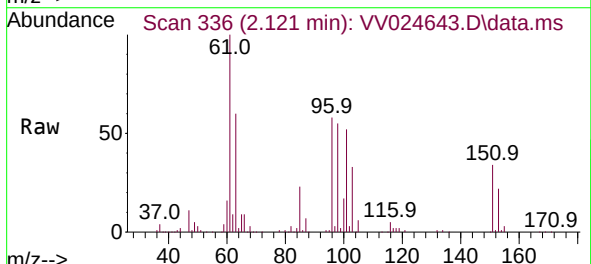
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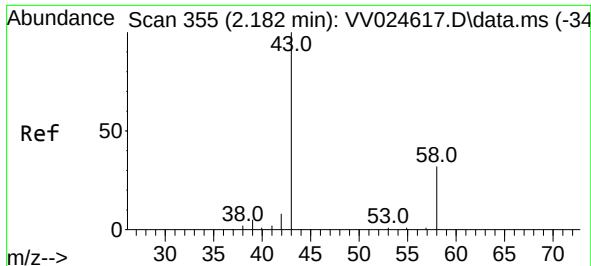
Tgt Ion:101 Resp: 80541
 Ion Ratio Lower Upper
 101 100
 85 44.2 36.0 54.0
 151 67.1 66.4 99.6



#12
 1,1-Dichloroethene
 Concen: 5.698 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. -0.000 min
 Lab File: VV024643.D
 Acq: 14 Feb 2022 11:23

Tgt Ion: 96 Resp: 77814
 Ion Ratio Lower Upper
 96 100
 61 171.8 116.1 215.5
 63 103.8 79.4 147.4





#13

Acetone

Concen: 51.779 ug/L

RT: 2.201 min Scan# 30

Delta R.T. 0.019 min

Lab File: VV024643.D

Acq: 14 Feb 2022 11:23

Instrument :

MSVOA_V

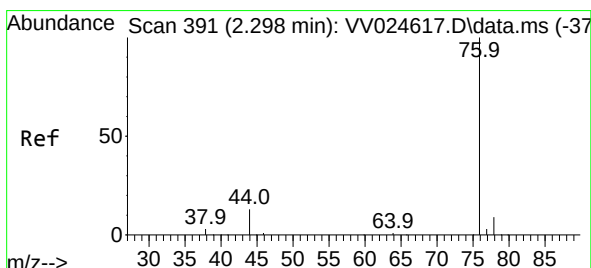
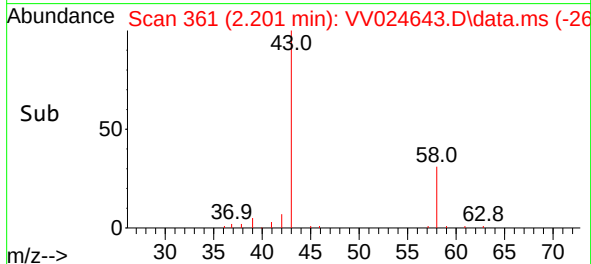
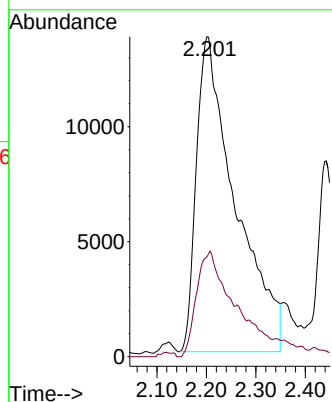
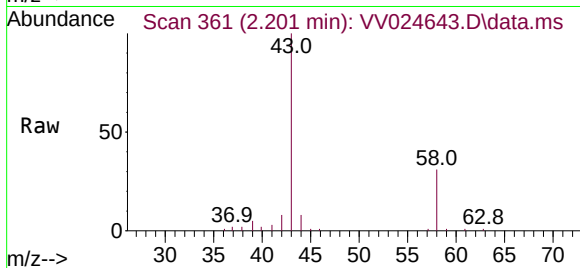
ClientSampleId :

Tgt Ion: 43 Resp: 75003

Ion Ratio Lower Upper

43 100

58 32.7 0.0 41.4



#14

Carbon disulfide

Concen: 5.382 ug/L

RT: 2.294 min Scan# 390

Delta R.T. -0.003 min

Lab File: VV024643.D

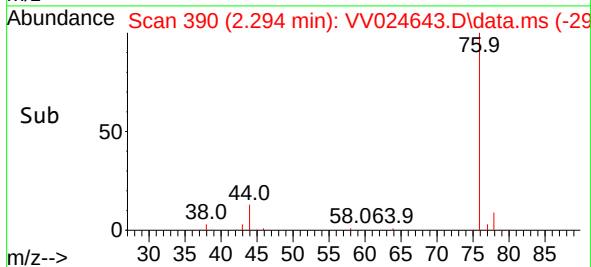
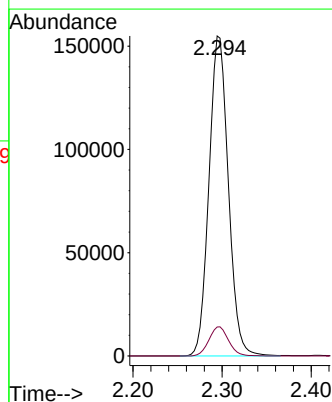
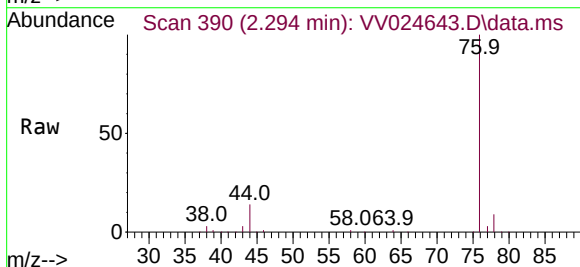
Acq: 14 Feb 2022 11:23

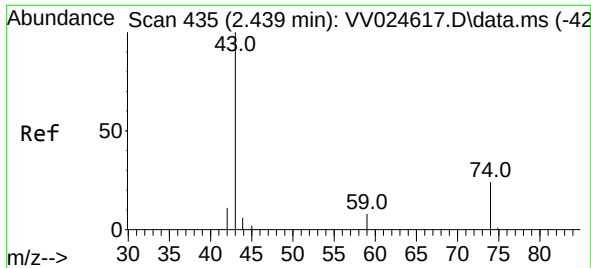
Tgt Ion: 76 Resp: 233636

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3

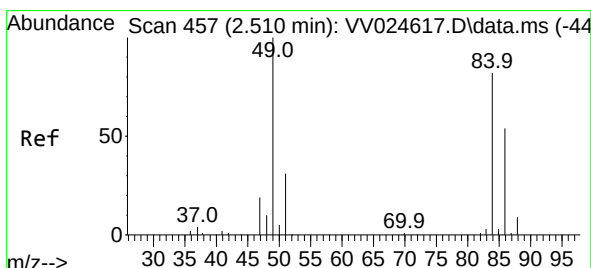
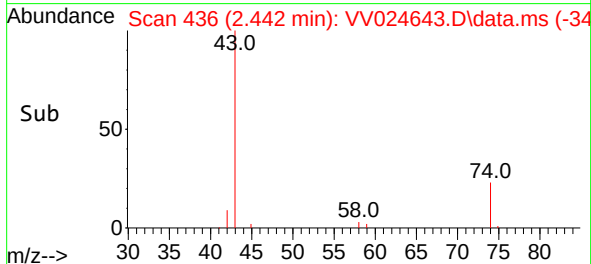
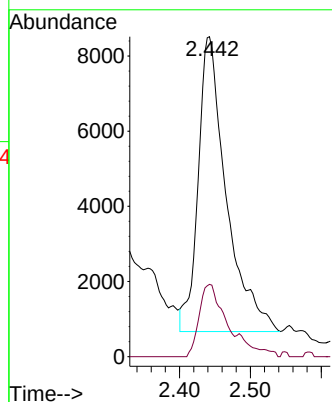
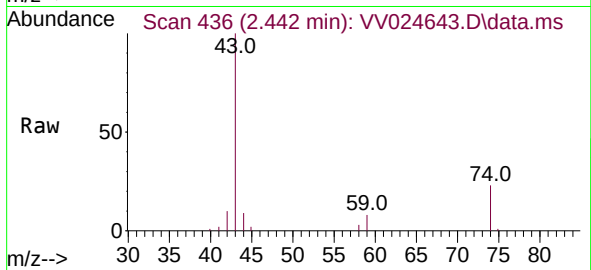




#15
Methyl Acetate
Concen: 5.234 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV024643.D
Acq: 14 Feb 2022 11:23

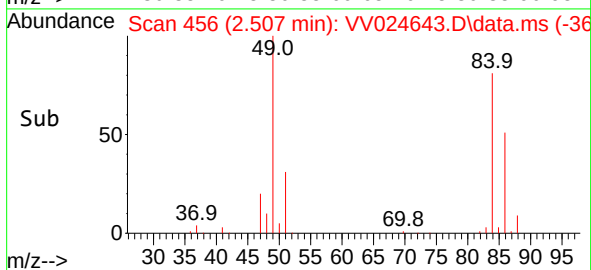
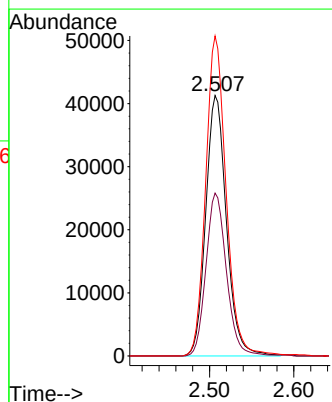
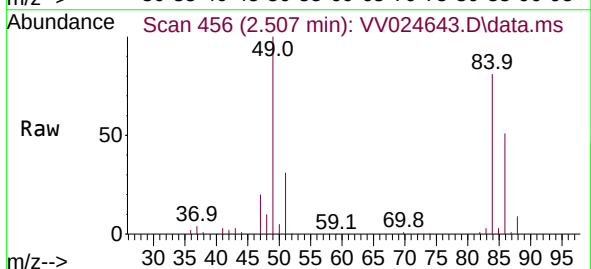
Instrument :
MSVOA_V
ClientSampleId :

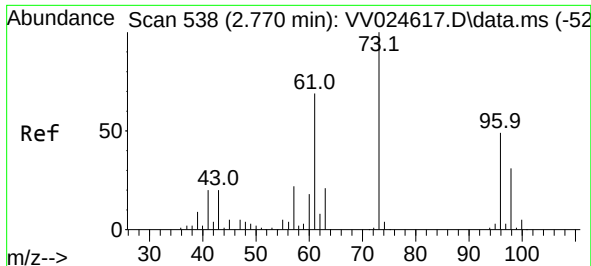
Tgt Ion: 43 Resp: 21681
Ion Ratio Lower Upper
43 100
74 20.8 20.2 30.2



#16
Methylene chloride
Concen: 5.221 ug/L
RT: 2.507 min Scan# 456
Delta R.T. -0.003 min
Lab File: VV024643.D
Acq: 14 Feb 2022 11:23

Tgt Ion: 84 Resp: 70639
Ion Ratio Lower Upper
84 100
86 62.5 42.6 79.0
49 122.8 79.7 147.9

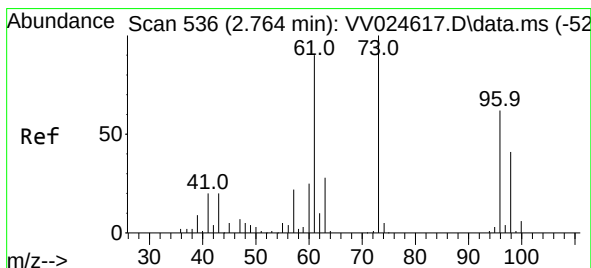
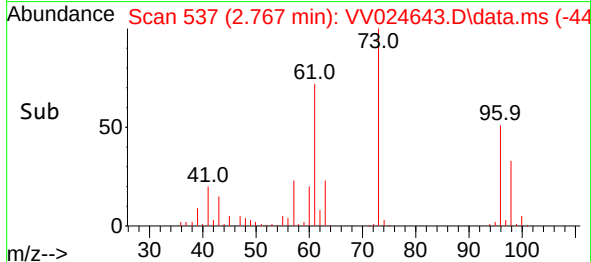
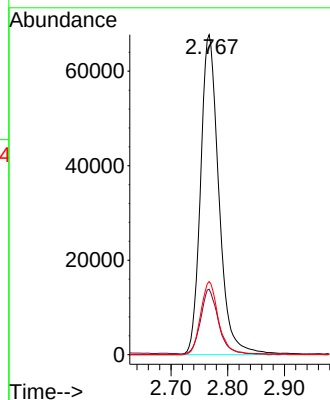
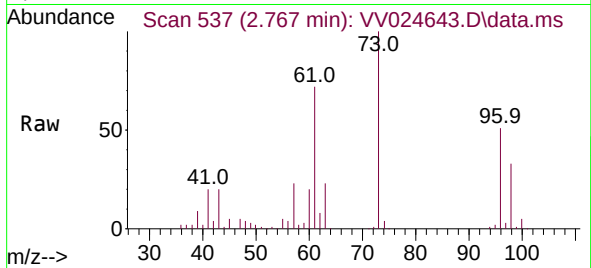




#17
Methyl tert-butyl Ether
Concen: 5.403 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV024643.D
Acq: 14 Feb 2022 11:23

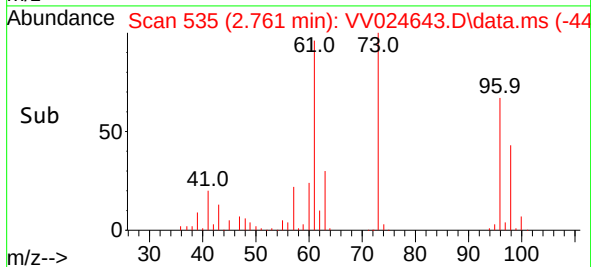
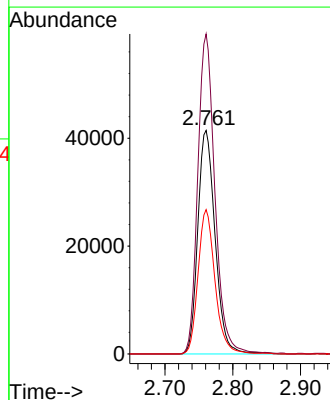
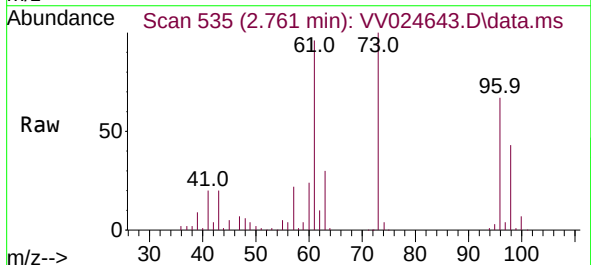
Instrument :
MSVOA_V
ClientSampleId :

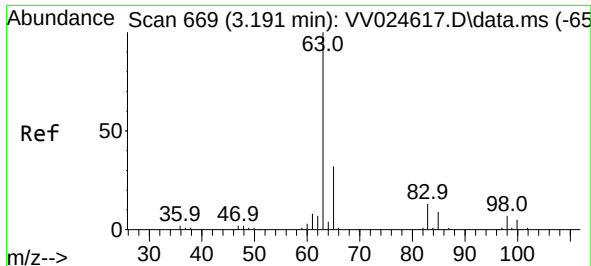
Tgt Ion: 73 Resp: 152053
Ion Ratio Lower Upper
73 100
43 19.5 15.5 23.3
57 22.2 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 5.495 ug/L
RT: 2.761 min Scan# 535
Delta R.T. -0.003 min
Lab File: VV024643.D
Acq: 14 Feb 2022 11:23

Tgt Ion: 96 Resp: 73727
Ion Ratio Lower Upper
96 100
61 143.1 88.2 163.8
98 64.5 44.9 83.5





#19

1,1-Dichloroethane

Concen: 5.811 ug/L

RT: 3.188 min Scan# 6

Delta R.T. -0.003 min

Lab File: VV024643.D

Acq: 14 Feb 2022 11:23

Instrument :

MSVOA_V

ClientSampleId :

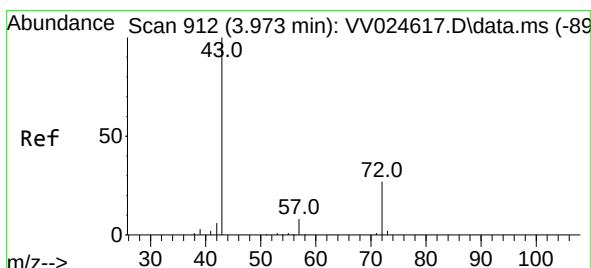
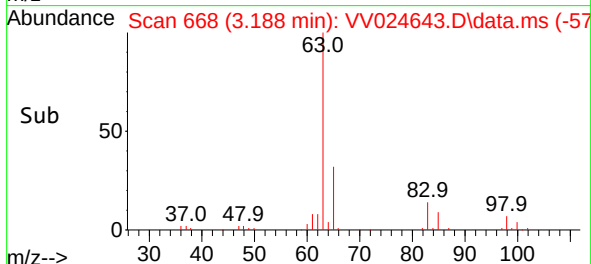
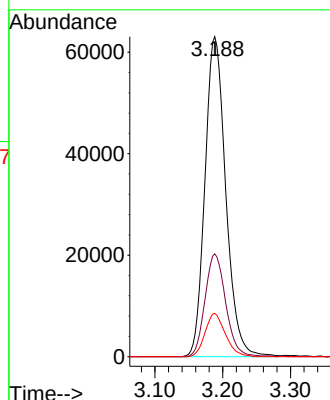
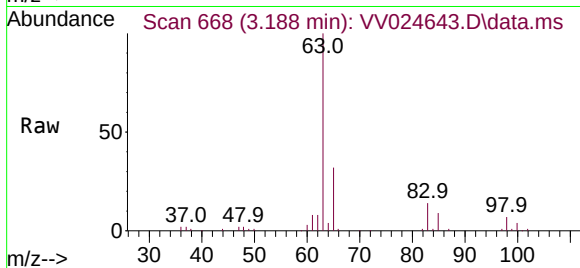
Tgt Ion: 63 Resp: 134652

Ion Ratio Lower Upper

63 100

65 32.1 22.3 41.3

83 13.6 10.7 19.9



#21

2-Butanone

Concen: 55.648 ug/L

RT: 3.986 min Scan# 916

Delta R.T. 0.013 min

Lab File: VV024643.D

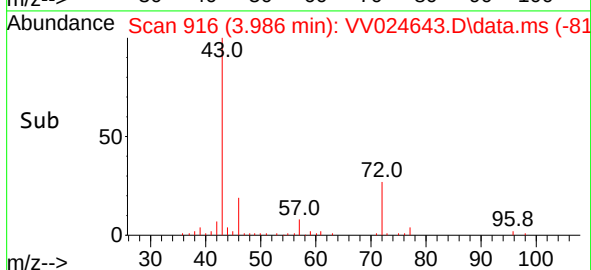
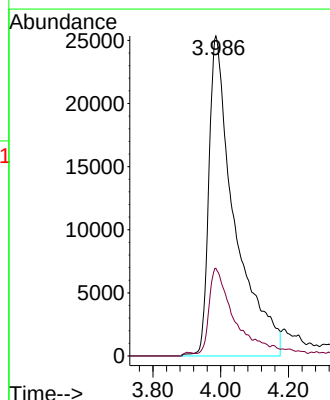
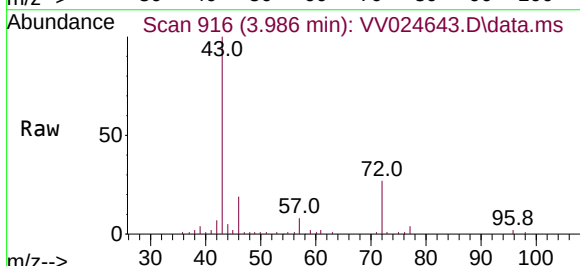
Acq: 14 Feb 2022 11:23

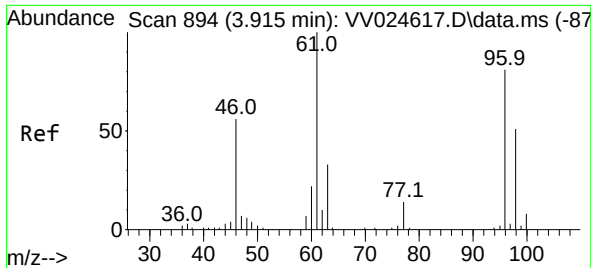
Tgt Ion: 43 Resp: 133591

Ion Ratio Lower Upper

43 100

72 22.6 11.1 33.1

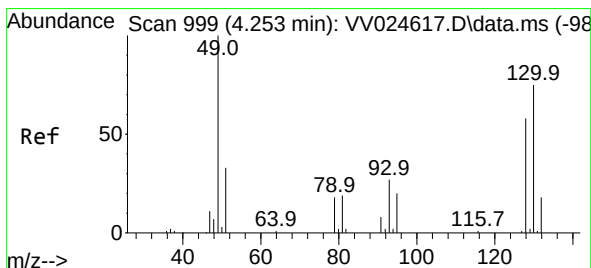
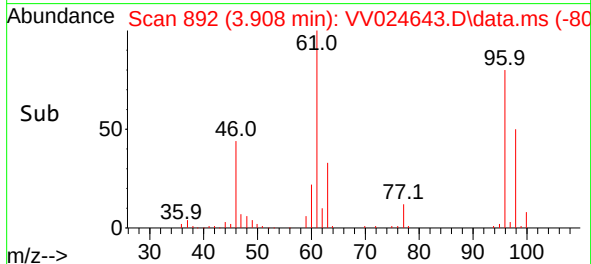
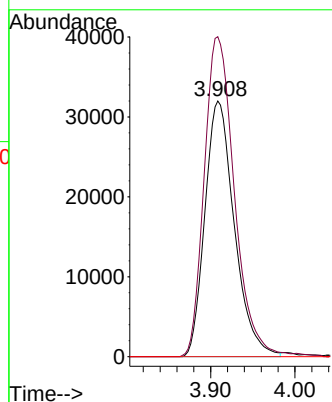
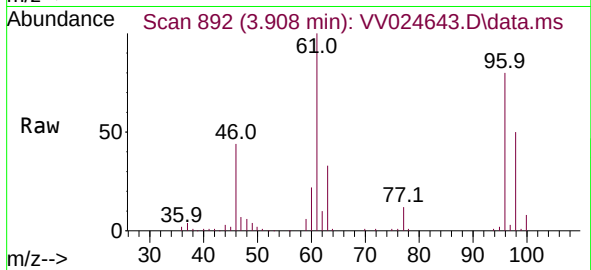




#22
 cis-1,2-Dichloroethene
 Concen: 5.742 ug/L
 RT: 3.908 min Scan# 894
 Delta R.T. -0.006 min
 Lab File: VV024643.D
 Acq: 14 Feb 2022 11:23

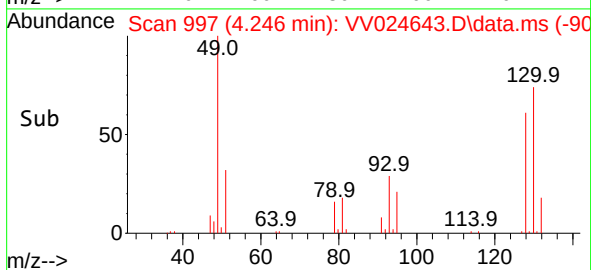
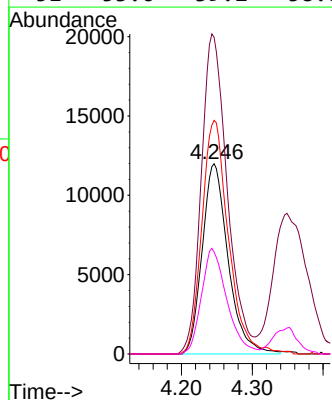
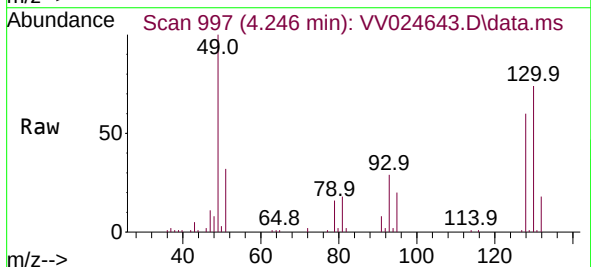
Instrument :
 MSVOA_V
 ClientSampleId :

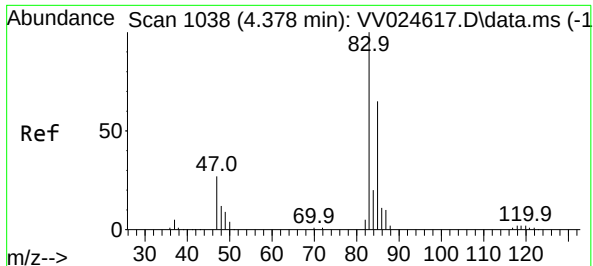
Tgt Ion: 96 Resp: 77667
 Ion Ratio Lower Upper
 96 100
 61 125.2 83.4 154.8
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.924 ug/L
 RT: 4.246 min Scan# 997
 Delta R.T. -0.006 min
 Lab File: VV024643.D
 Acq: 14 Feb 2022 11:23

Tgt Ion: 128 Resp: 30434
 Ion Ratio Lower Upper
 128 100
 49 166.4 100.2 186.2
 130 122.8 92.5 171.7
 51 53.6 39.2 58.8





#25

Chloroform

Concen: 5.641 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VV024643.D

Acq: 14 Feb 2022 11:23

Instrument :

MSVOA_V

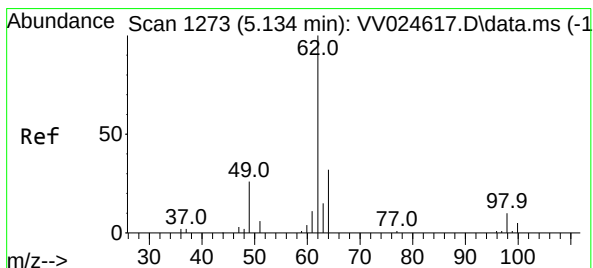
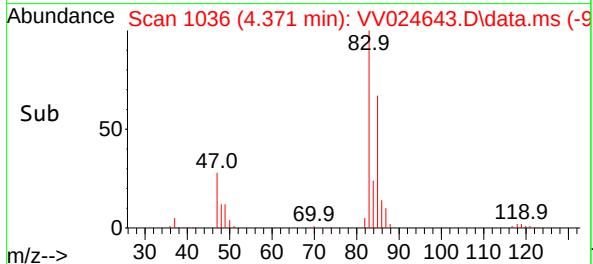
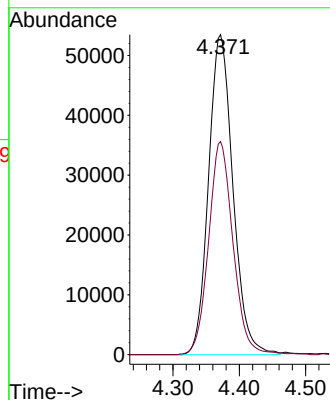
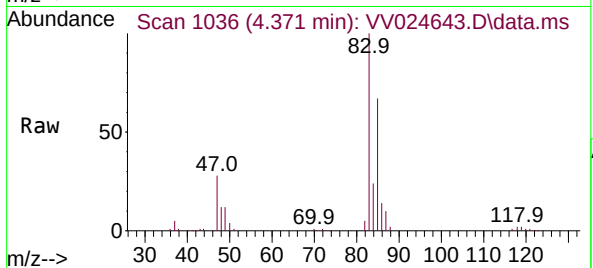
ClientSampleId :

Tgt Ion: 83 Resp: 136818

Ion Ratio Lower Upper

83 100

85 66.6 45.2 84.0



#27

1,2-Dichloroethane

Concen: 5.742 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. -0.006 min

Lab File: VV024643.D

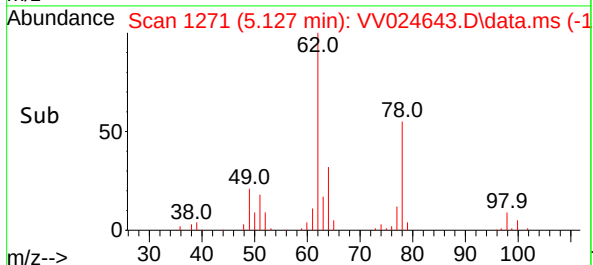
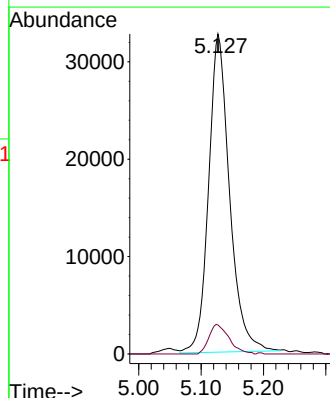
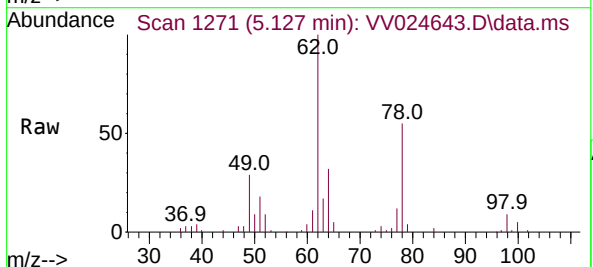
Acq: 14 Feb 2022 11:23

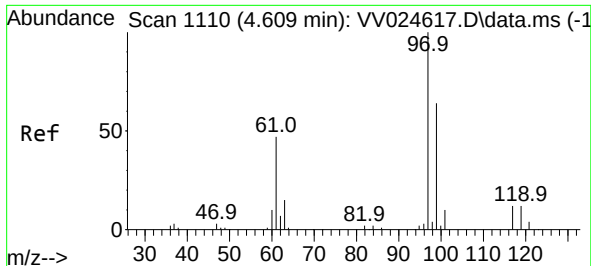
Tgt Ion: 62 Resp: 76361

Ion Ratio Lower Upper

62 100

98 9.1 8.1 12.1





#29

1,1,1-Trichloroethane

Concen: 5.711 ug/L

RT: 4.603 min Scan# 1110

Delta R.T. -0.006 min

Lab File: VV024643.D

Acq: 14 Feb 2022 11:23

Instrument :

MSVOA_V

ClientSampleId :

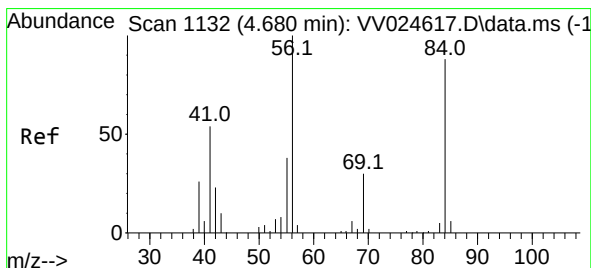
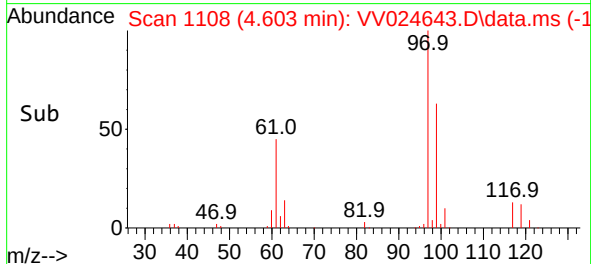
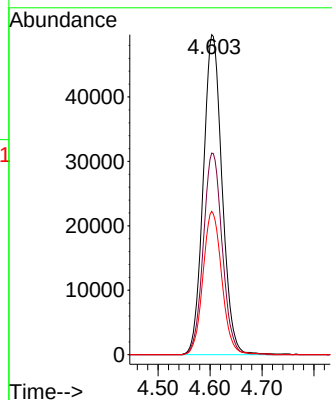
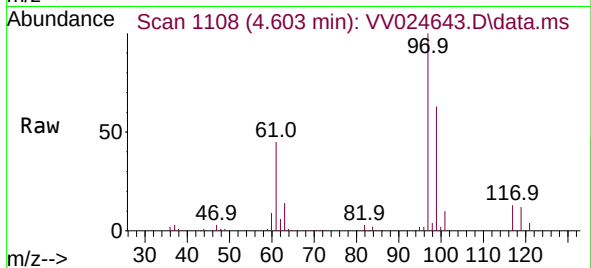
Tgt Ion: 97 Resp: 124970

Ion Ratio Lower Upper

97 100

99 63.4 51.9 77.9

61 44.9 33.2 49.8



#30

Cyclohexane

Concen: 5.652 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VV024643.D

Acq: 14 Feb 2022 11:23

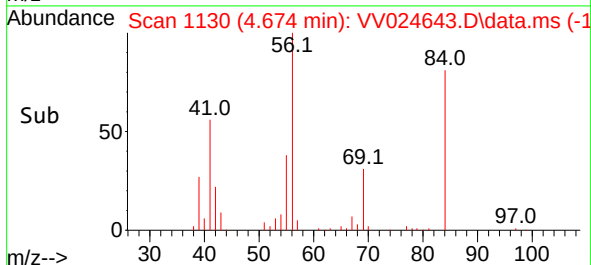
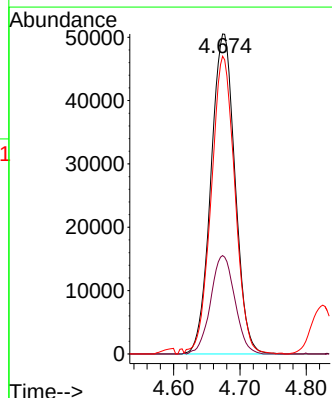
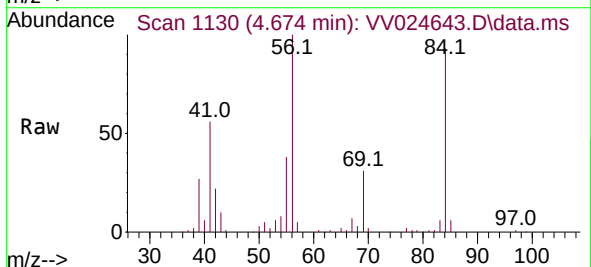
Tgt Ion: 56 Resp: 127425

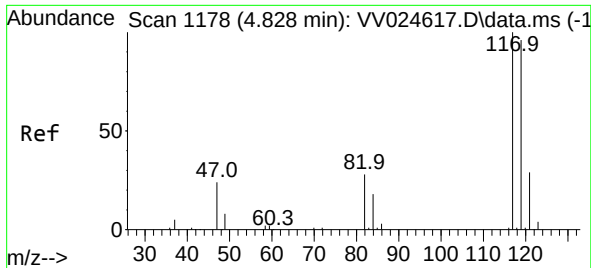
Ion Ratio Lower Upper

56 100

69 30.8 24.8 37.2

84 91.3 75.9 113.9

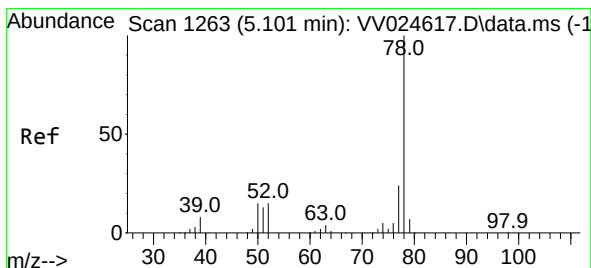
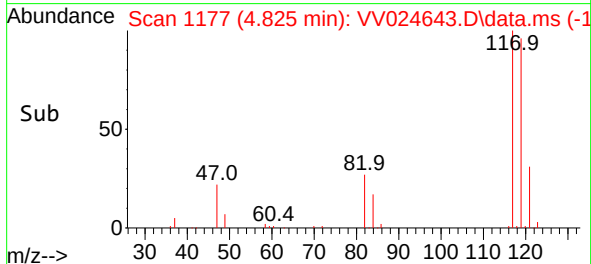
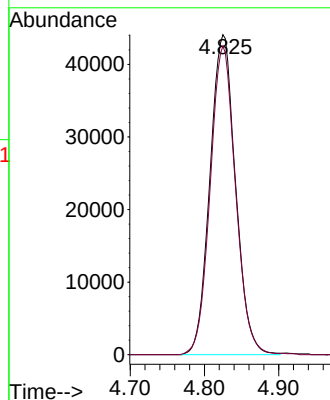
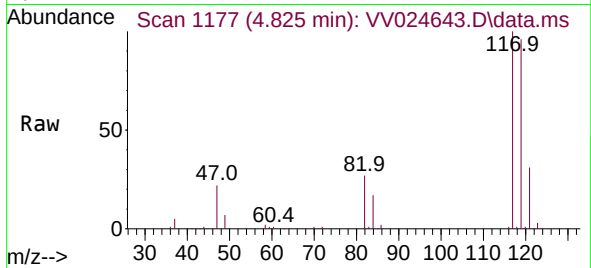




#31
Carbon tetrachloride
Concen: 5.689 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. -0.003 min
Lab File: VV024643.D
Acq: 14 Feb 2022 11:23

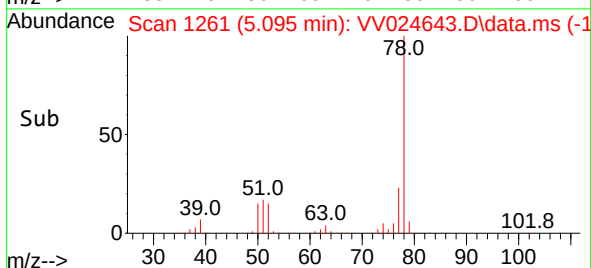
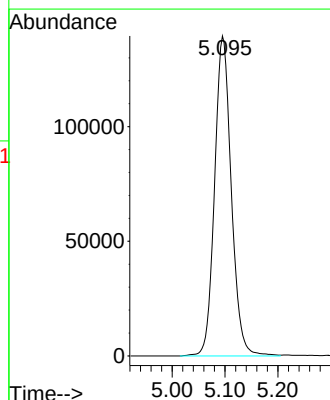
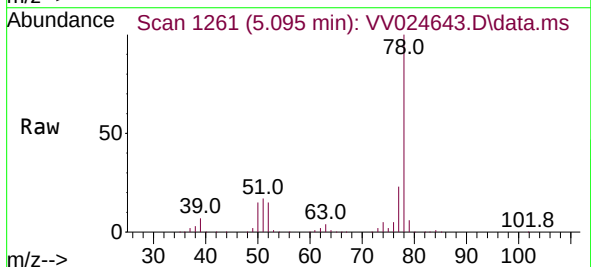
Instrument :
MSVOA_V
ClientSampleId :

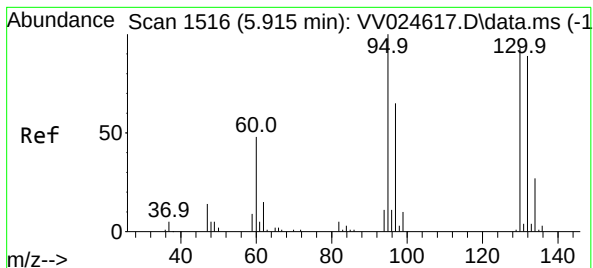
Tgt Ion:117 Resp: 105426
Ion Ratio Lower Upper
117 100
119 95.4 76.6 114.8



#33
Benzene
Concen: 5.893 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.006 min
Lab File: VV024643.D
Acq: 14 Feb 2022 11:23

Tgt Ion: 78 Resp: 306777





#34

Trichloroethene

Concen: 5.702 ug/L

RT: 5.908 min Scan# 1514

Delta R.T. -0.006 min

Lab File: VV024643.D

Acq: 14 Feb 2022 11:23

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 81738

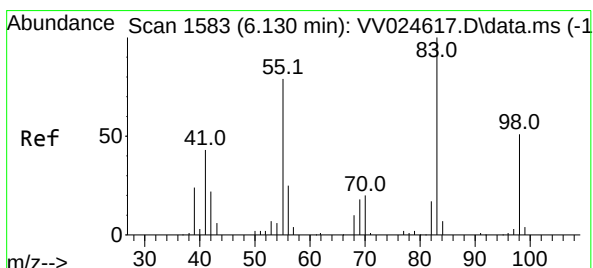
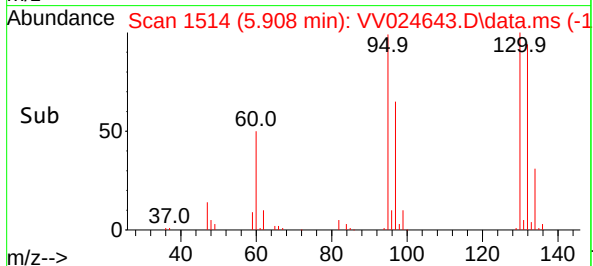
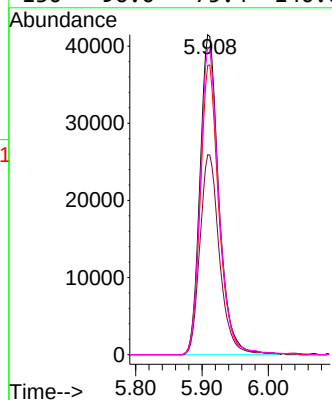
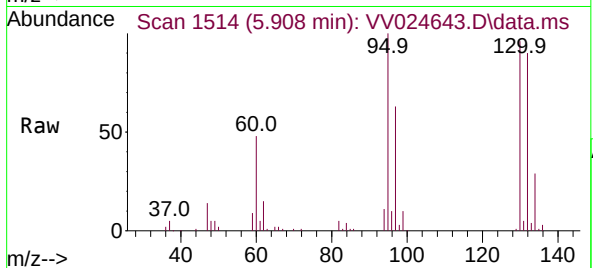
Ion Ratio Lower Upper

95 100

97 62.5 45.2 84.0

132 90.4 76.1 141.3

130 96.0 75.4 140.0



#35

Methylcyclohexane

Concen: 5.803 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. -0.003 min

Lab File: VV024643.D

Acq: 14 Feb 2022 11:23

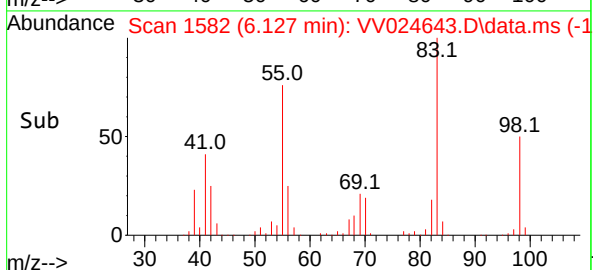
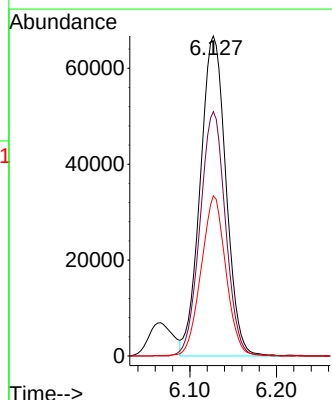
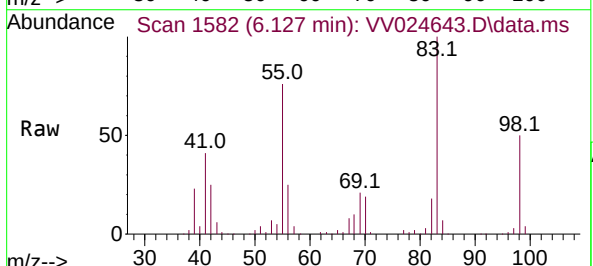
Tgt Ion: 83 Resp: 137612

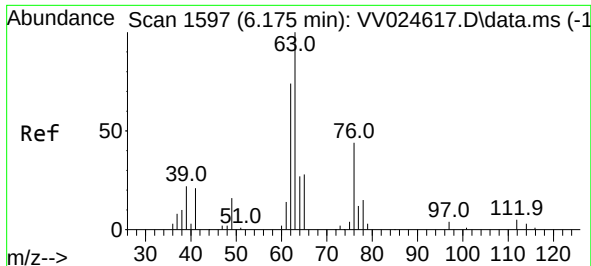
Ion Ratio Lower Upper

83 100

55 75.5 60.2 90.2

98 48.2 41.0 61.4





#37

1,2-Dichloropropane

Concen: 5.870 ug/L

RT: 6.169 min Scan# 1

Delta R.T. -0.006 min

Lab File: VV024643.D

Acq: 14 Feb 2022 11:23

Instrument :

MSVOA_V

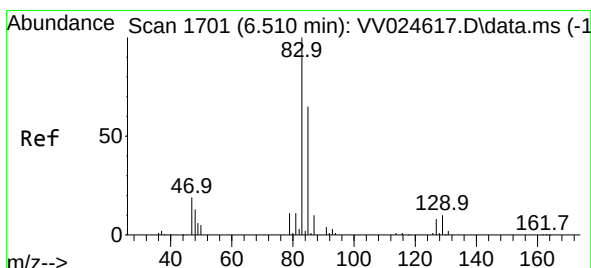
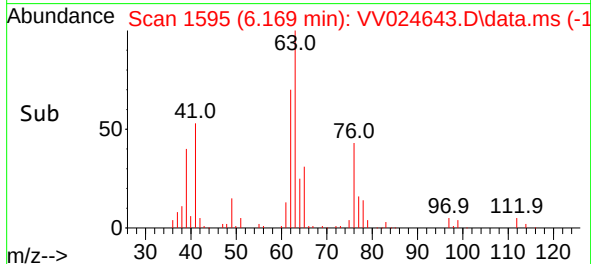
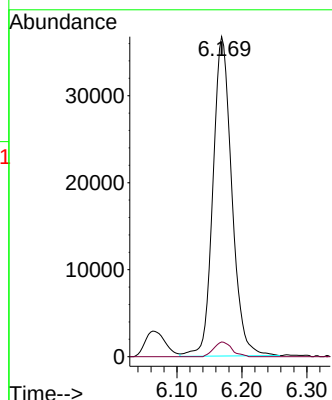
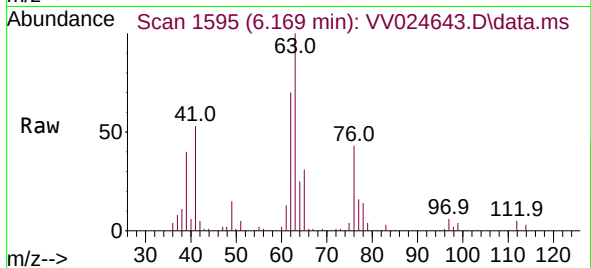
ClientSampleId :

Tgt Ion: 63 Resp: 74075

Ion Ratio Lower Upper

63 100

112 4.4 4.3 6.5



#38

Bromodichloromethane

Concen: 5.707 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. -0.003 min

Lab File: VV024643.D

Acq: 14 Feb 2022 11:23

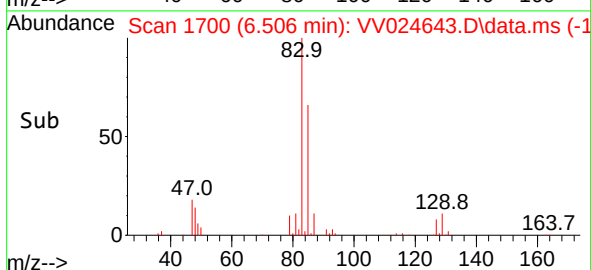
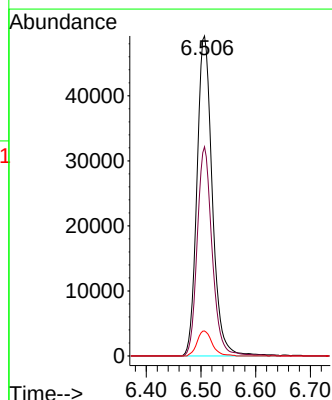
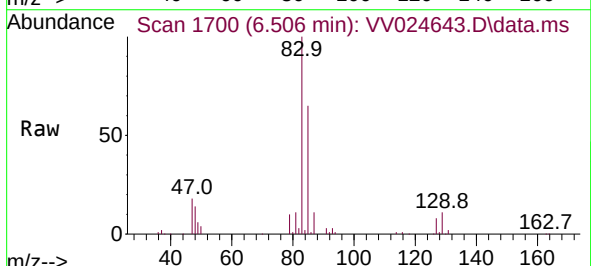
Tgt Ion: 83 Resp: 95709

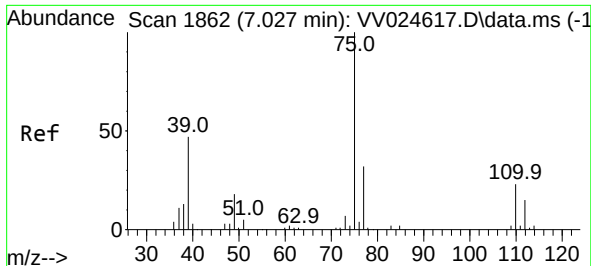
Ion Ratio Lower Upper

83 100

85 65.3 44.0 81.8

127 7.8 8.6 12.8#





#39

cis-1,3-Dichloropropene

Concen: 5.769 ug/L

RT: 7.024 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV024643.D

Acq: 14 Feb 2022 11:23

Instrument :

MSVOA_V

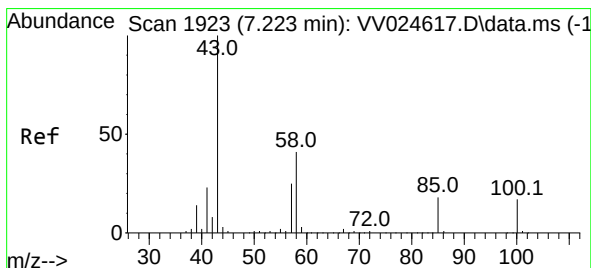
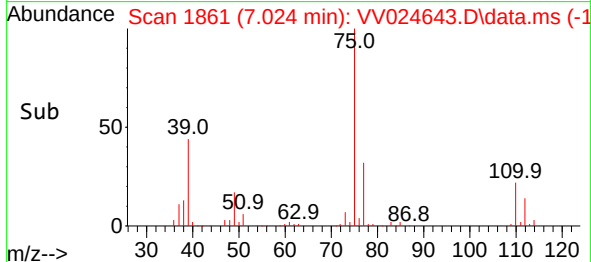
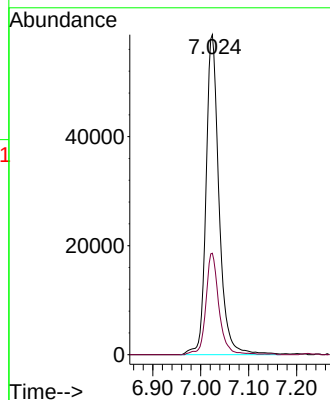
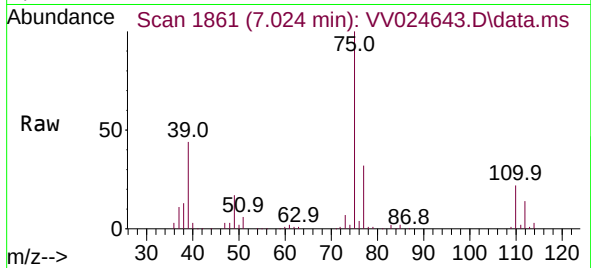
ClientSampleId :

Tgt Ion: 75 Resp: 110926

Ion Ratio Lower Upper

75 100

77 31.7 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 57.271 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.000 min

Lab File: VV024643.D

Acq: 14 Feb 2022 11:23

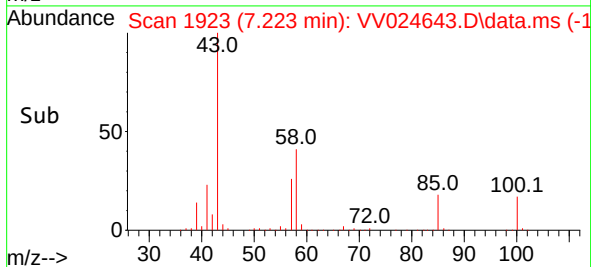
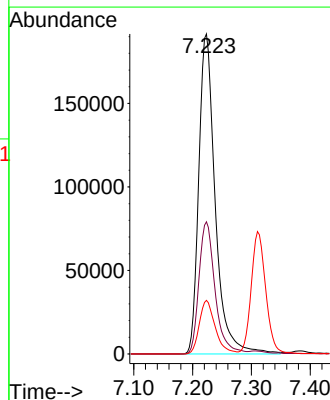
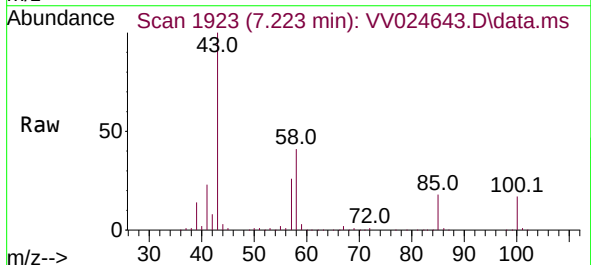
Tgt Ion: 43 Resp: 372938

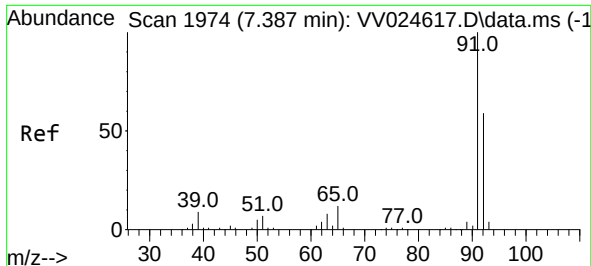
Ion Ratio Lower Upper

43 100

58 40.4 32.3 48.5

100 16.2 13.0 19.6





#42

Toluene

Concen: 5.815 ug/L

RT: 7.384 min Scan# 1974

Delta R.T. -0.003 min

Lab File: VV024643.D

Acq: 14 Feb 2022 11:23

Instrument :

MSVOA_V

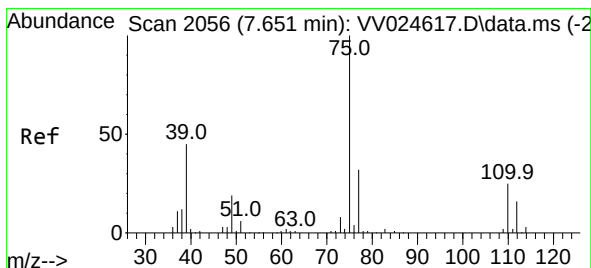
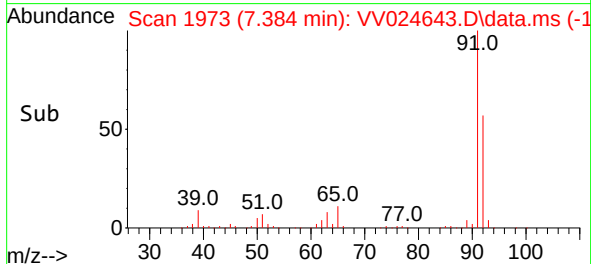
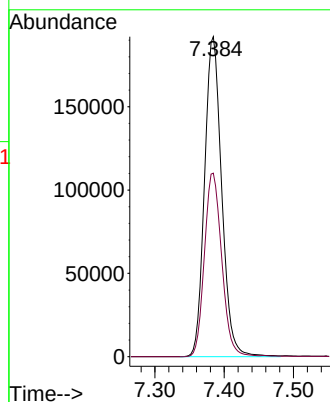
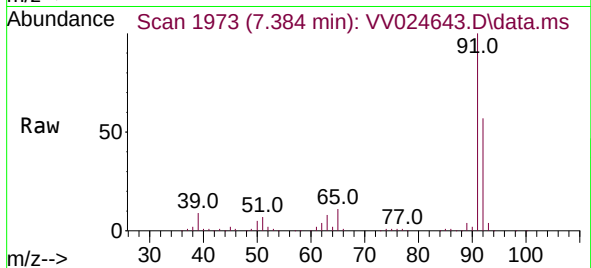
ClientSampleId :

Tgt Ion: 91 Resp: 329770

Ion Ratio Lower Upper

91 100

92 57.4 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 5.580 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.003 min

Lab File: VV024643.D

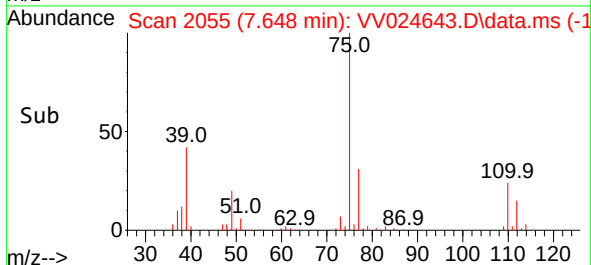
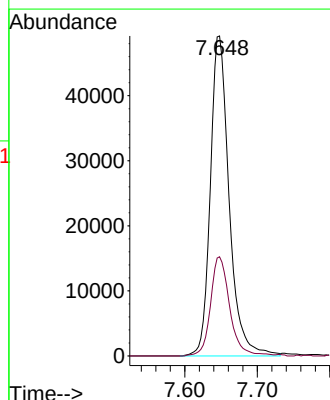
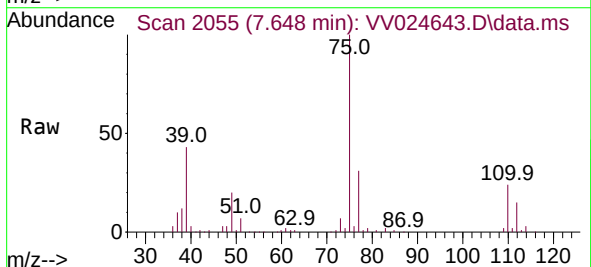
Acq: 14 Feb 2022 11:23

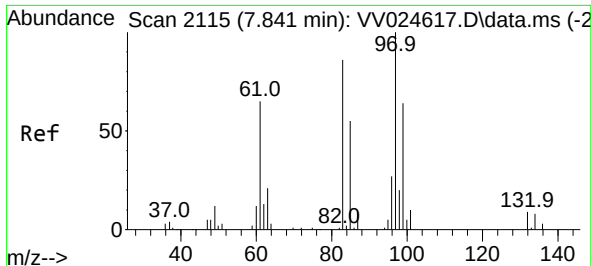
Tgt Ion: 75 Resp: 88624

Ion Ratio Lower Upper

75 100

77 31.0 21.8 40.4

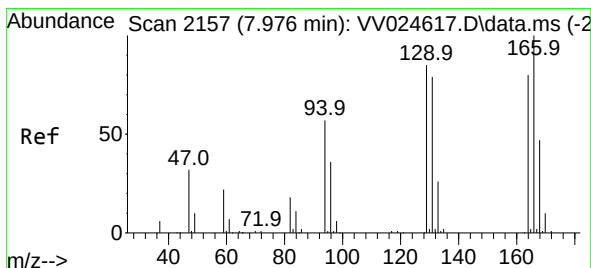
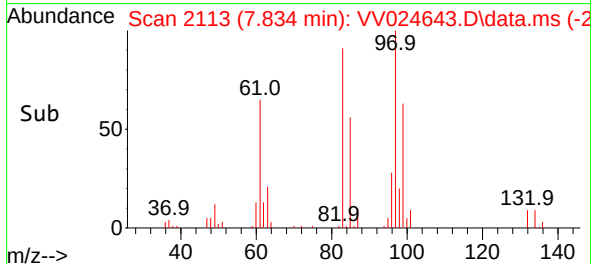
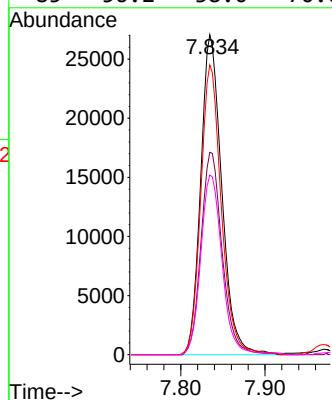
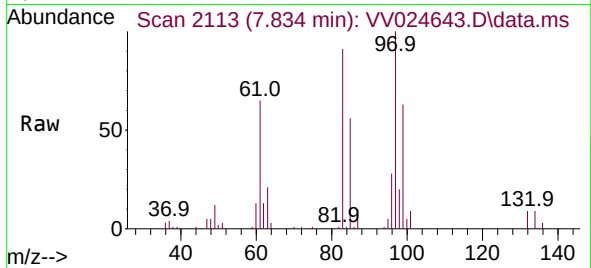




#45
1,1,2-Trichloroethane
Concen: 5.748 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. -0.006 min
Lab File: VV024643.D
Acq: 14 Feb 2022 11:23

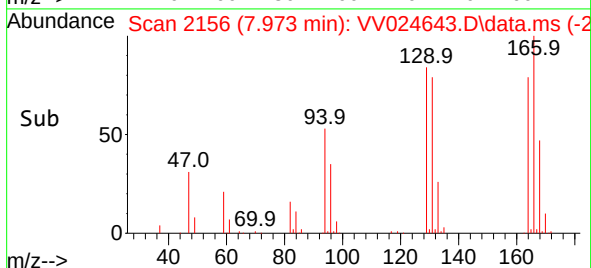
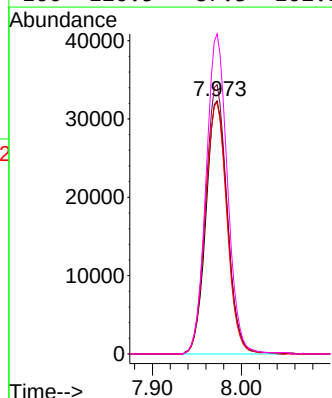
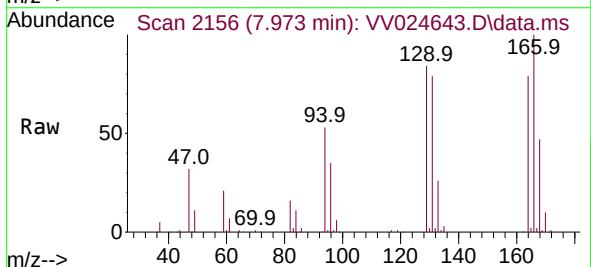
Instrument :
MSVOA_V
ClientSampleId :

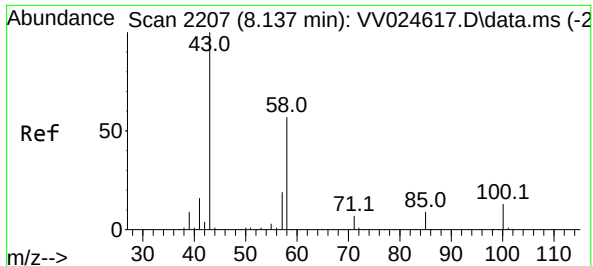
Tgt Ion: 97 Resp: 47001
Ion Ratio Lower Upper
97 100
99 63.2 43.1 80.1
83 90.6 57.9 107.5
85 56.2 38.0 70.6



#47
Tetrachloroethene
Concen: 5.706 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. -0.003 min
Lab File: VV024643.D
Acq: 14 Feb 2022 11:23

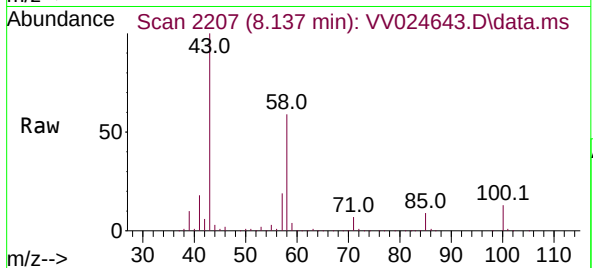
Tgt Ion:164 Resp: 54263
Ion Ratio Lower Upper
164 100
129 106.5 62.6 116.2
131 99.5 61.0 113.4
166 126.5 87.3 162.1



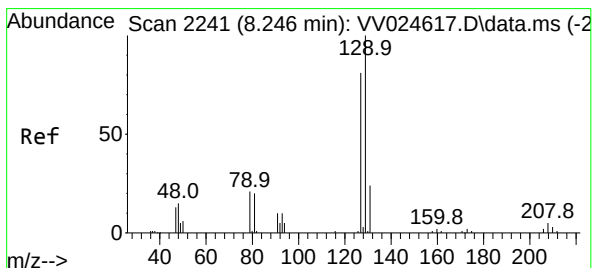
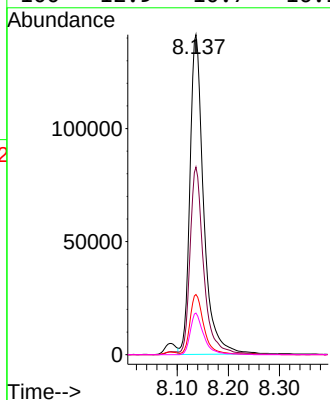
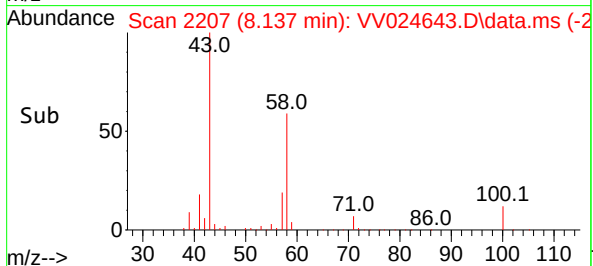


#48
2-Hexanone
Concen: 59.073 ug/L
RT: 8.137 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV024643.D
Acq: 14 Feb 2022 11:23

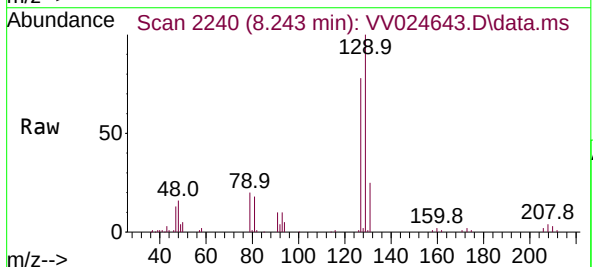
Instrument :
MSVOA_V
ClientSampleId :



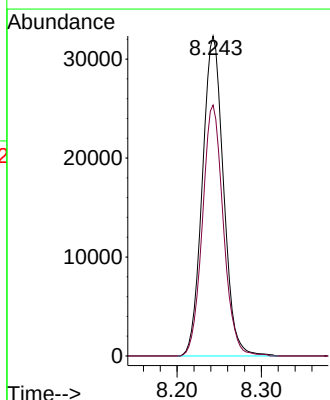
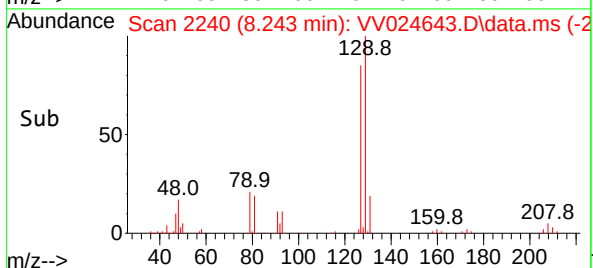
Tgt Ion:	43	Resp:	263320
Ion	Ratio	Lower	Upper
43	100		
58	57.2	44.5	66.7
57	18.9	15.1	22.7
100	12.9	10.7	16.1

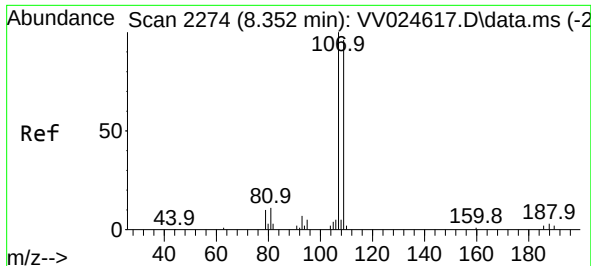


#49
Dibromochloromethane
Concen: 5.718 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.003 min
Lab File: VV024643.D
Acq: 14 Feb 2022 11:23



Tgt Ion:	129	Resp:	56462
Ion	Ratio	Lower	Upper
129	100		
127	78.4	53.5	99.3





#50

1,2-Dibromoethane

Concen: 5.840 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV024643.D

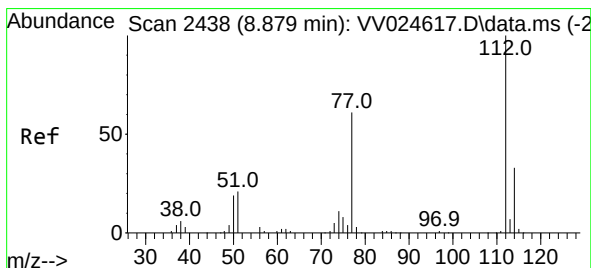
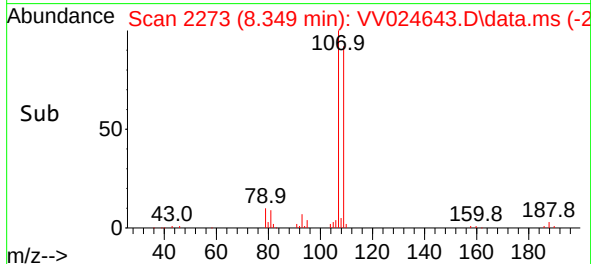
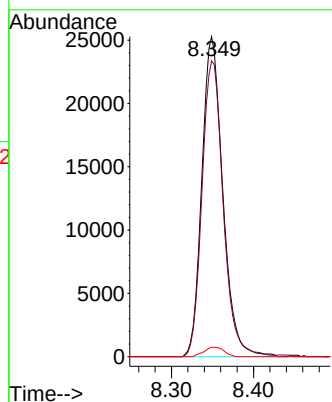
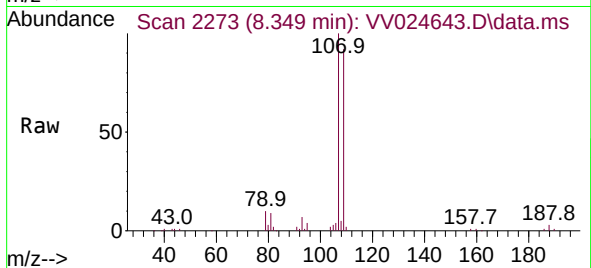
Acq: 14 Feb 2022 11:23

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	44823
Ion	Ratio	Lower	Upper
107	100		
109	92.5	62.5	116.1
188	2.9	3.4	5.2#



#51

Chlorobenzene

Concen: 5.839 ug/L

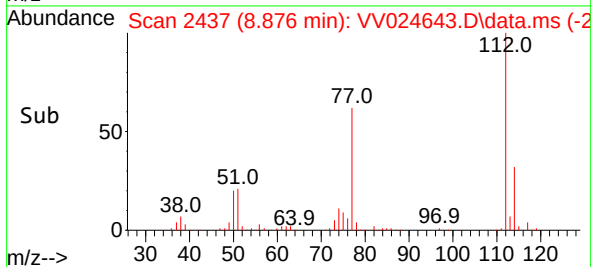
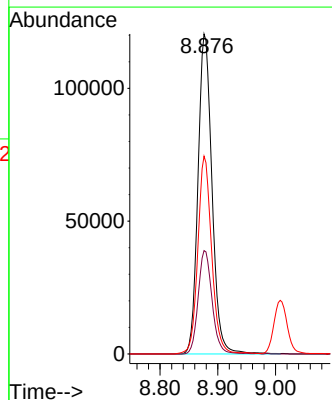
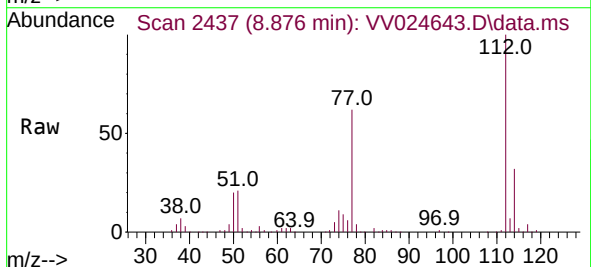
RT: 8.876 min Scan# 2437

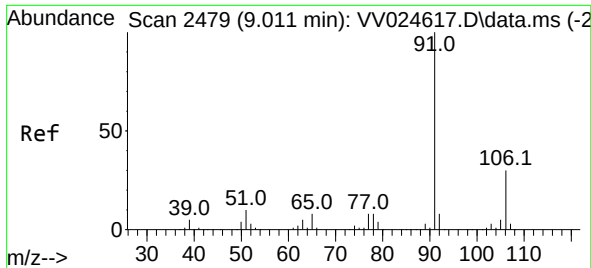
Delta R.T. -0.003 min

Lab File: VV024643.D

Acq: 14 Feb 2022 11:23

Tgt Ion:	112	Resp:	202930
Ion	Ratio	Lower	Upper
112	100		
114	32.3	23.3	43.3
77	61.8	43.3	64.9





#52

Ethylbenzene

Concen: 5.819 ug/L

RT: 9.008 min Scan# 2479

Delta R.T. -0.003 min

Lab File: VV024643.D

Acq: 14 Feb 2022 11:23

Instrument :

MSVOA_V

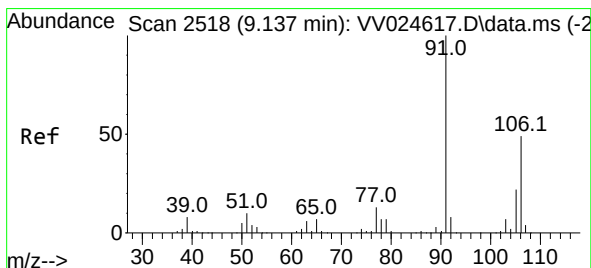
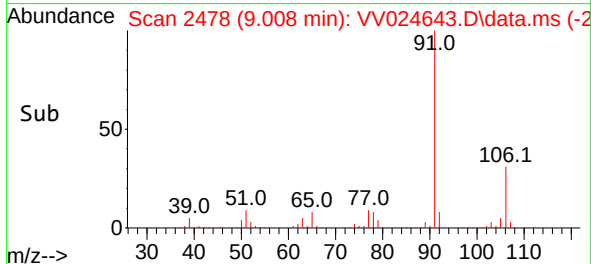
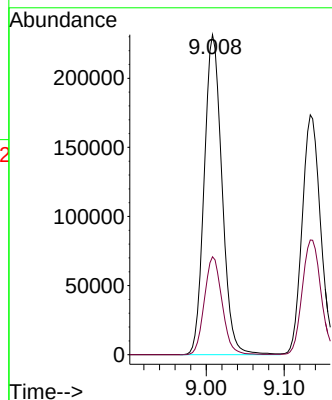
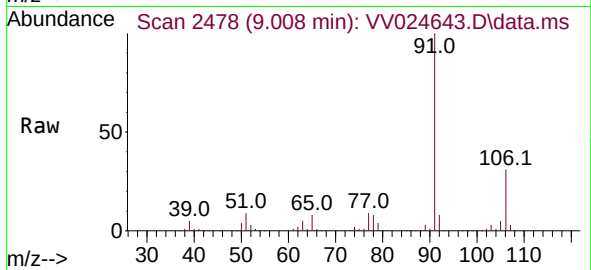
ClientSampleId :

Tgt Ion: 91 Resp: 367176

Ion Ratio Lower Upper

91 100

106 30.6 22.0 41.0



#53

m,p-xylene

Concen: 5.923 ug/L

RT: 9.133 min Scan# 2517

Delta R.T. -0.003 min

Lab File: VV024643.D

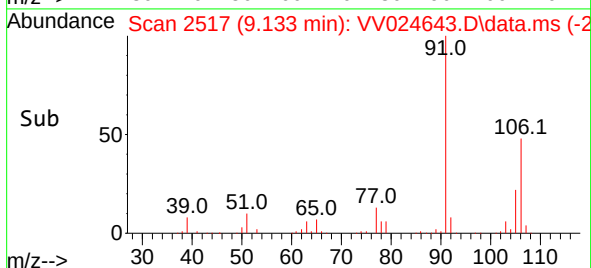
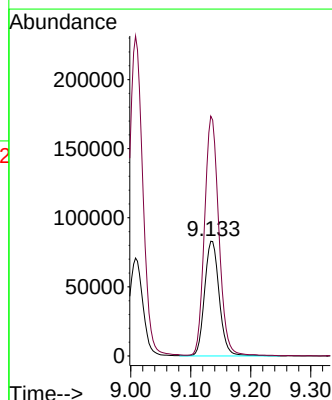
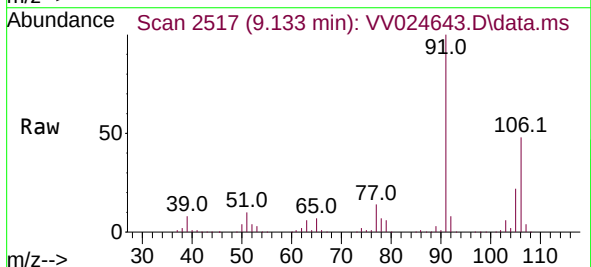
Acq: 14 Feb 2022 11:23

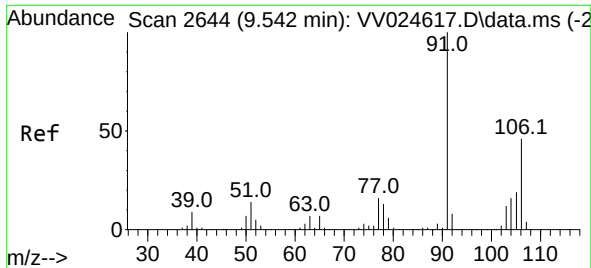
Tgt Ion:106 Resp: 141563

Ion Ratio Lower Upper

106 100

91 209.0 139.5 259.1

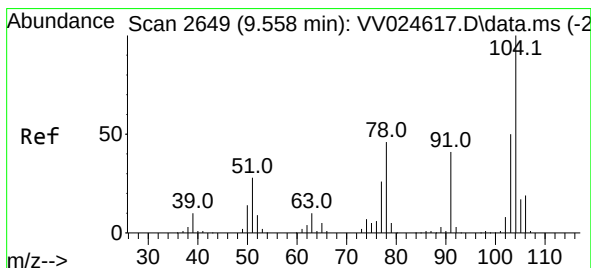
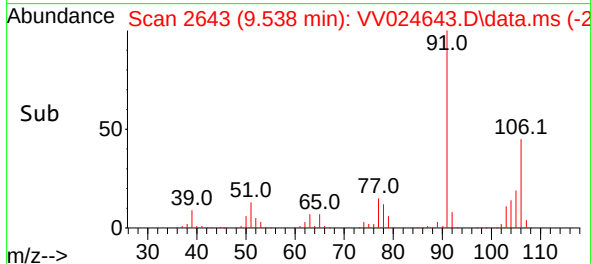
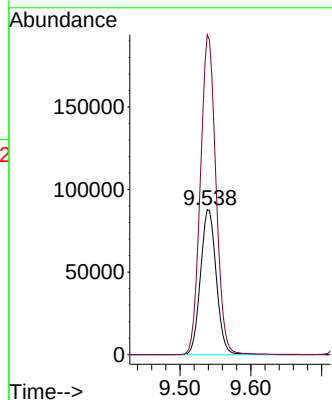
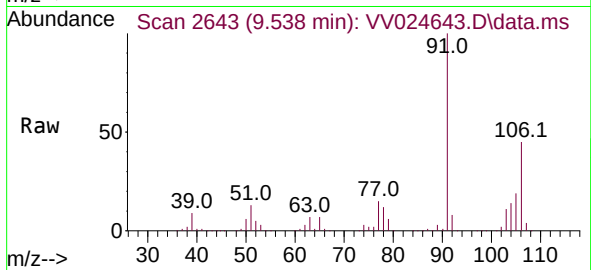




#54
o-xylene
Concen: 5.878 ug/L
RT: 9.538 min Scan# 2643
Delta R.T. -0.003 min
Lab File: VV024643.D
Acq: 14 Feb 2022 11:23

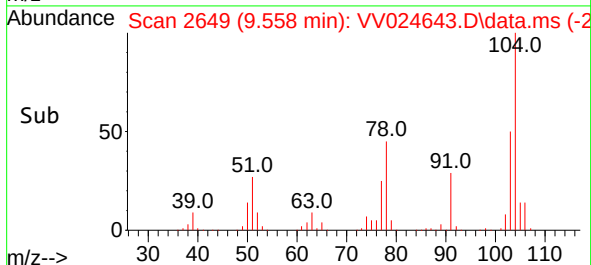
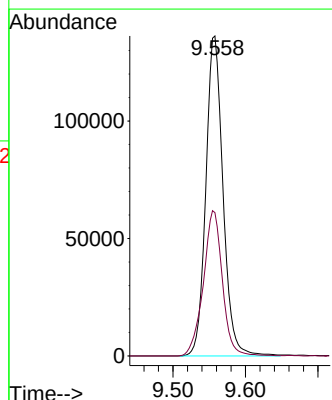
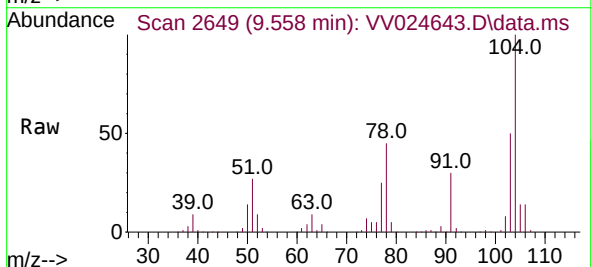
Instrument :
MSVOA_V
ClientSampleId :

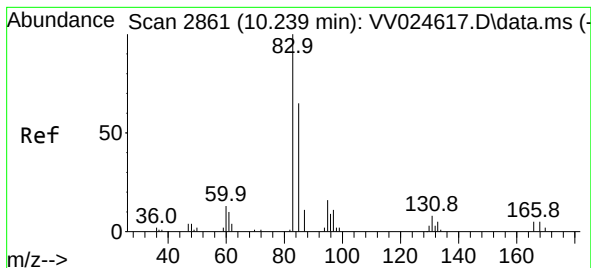
Tgt Ion:106 Resp: 135477
Ion Ratio Lower Upper
106 100
91 220.4 147.9 274.7



#55
Styrene
Concen: 5.932 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV024643.D
Acq: 14 Feb 2022 11:23

Tgt Ion:104 Resp: 224455
Ion Ratio Lower Upper
104 100
78 44.8 31.0 57.6

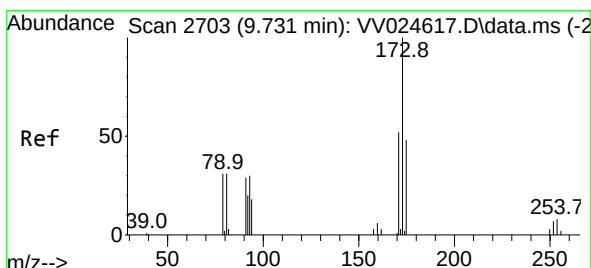
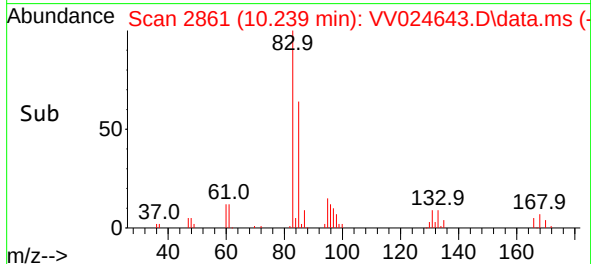
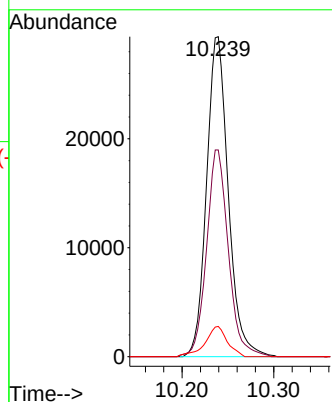
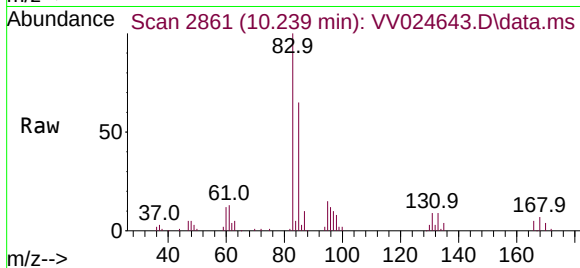




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.838 ug/L
 RT: 10.239 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV024643.D
 Acq: 14 Feb 2022 11:23

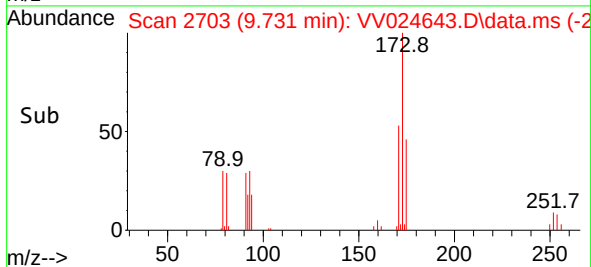
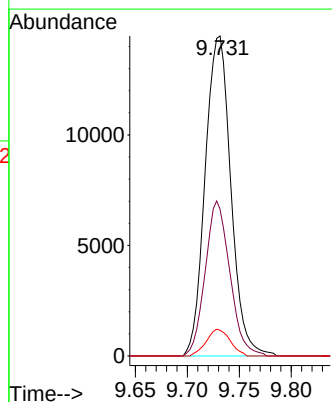
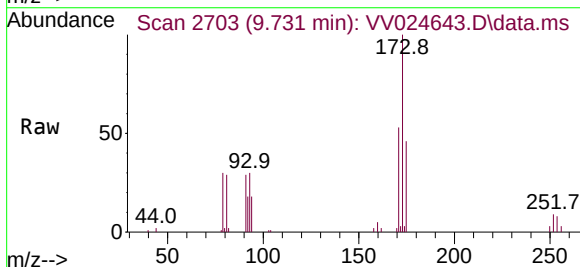
Instrument :
 MSVOA_V
 ClientSampleId :

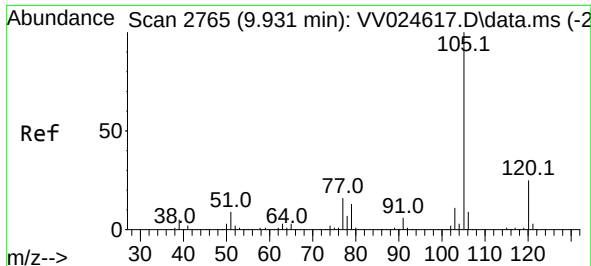
Tgt Ion: 83 Resp: 48353
 Ion Ratio Lower Upper
 83 100
 85 64.6 44.6 82.8
 131 9.4 8.3 12.5



#59
 Bromoform
 Concen: 5.592 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. 0.000 min
 Lab File: VV024643.D
 Acq: 14 Feb 2022 11:23

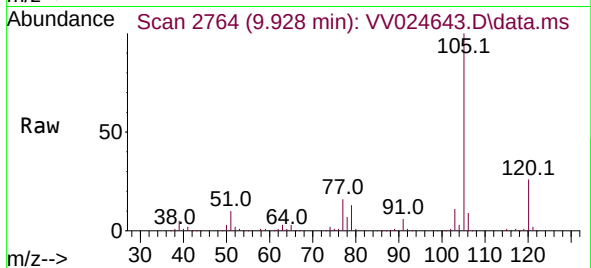
Tgt Ion: 173 Resp: 24885
 Ion Ratio Lower Upper
 173 100
 175 46.4 39.4 59.2
 254 7.7 7.4 11.0



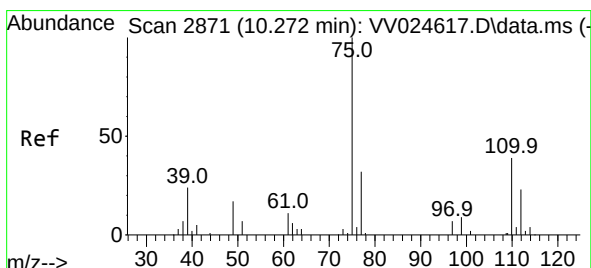
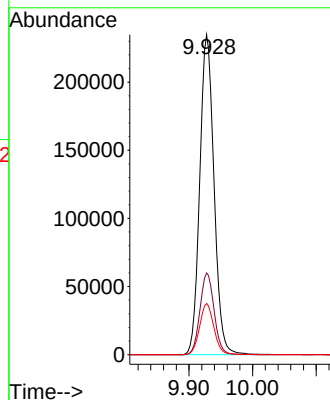
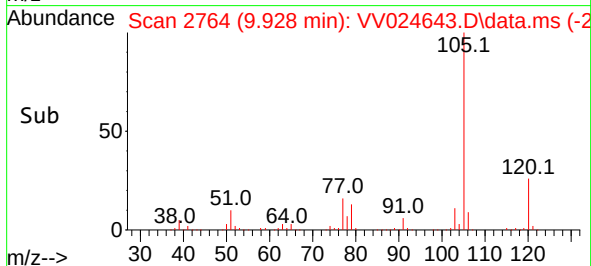


#60
Isopropylbenzene
Concen: 5.788 ug/L
RT: 9.928 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV024643.D
Acq: 14 Feb 2022 11:23

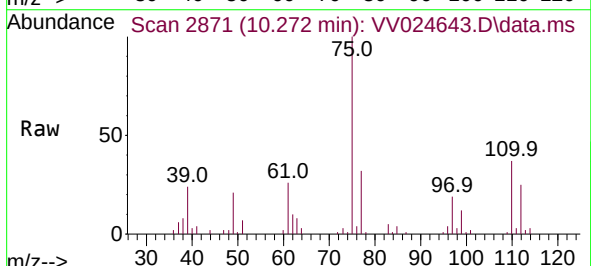
Instrument :
MSVOA_V
ClientSampleId :



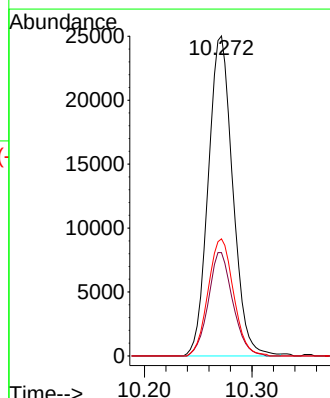
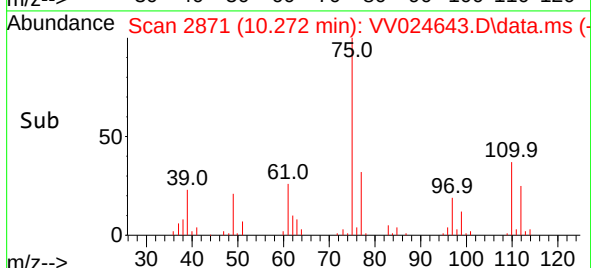
Tgt Ion:105 Resp: 365575
Ion Ratio Lower Upper
105 100
120 25.3 21.4 32.0
77 16.0 12.2 18.4

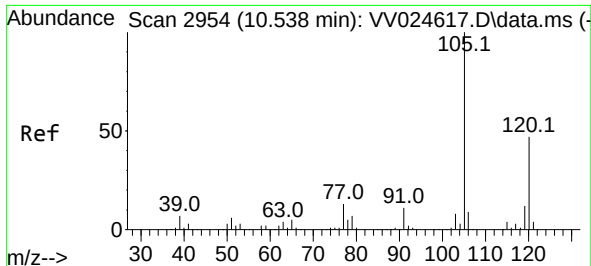


#61
1,2,3-Trichloropropane
Concen: 5.760 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV024643.D
Acq: 14 Feb 2022 11:23



Tgt Ion: 75 Resp: 39544
Ion Ratio Lower Upper
75 100
77 32.3 26.4 39.6
110 37.9 34.2 51.2





#62

1,3,5-Trimethylbenzene

Concen: 5.812 ug/L

RT: 10.535 min Scan# 2954

Delta R.T. -0.003 min

Lab File: VV024643.D

Acq: 14 Feb 2022 11:23

Instrument :

MSVOA_V

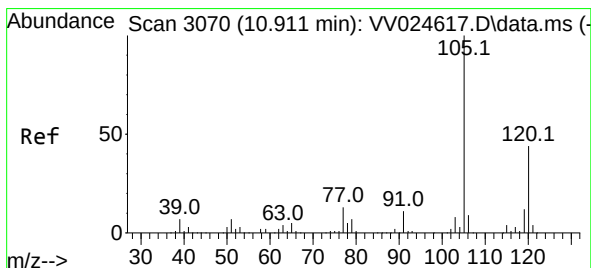
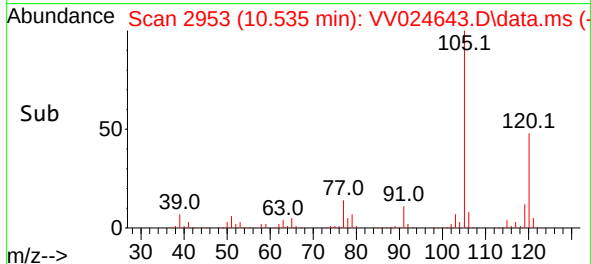
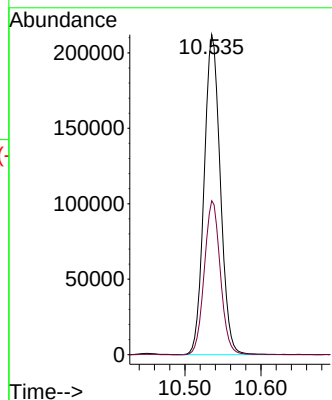
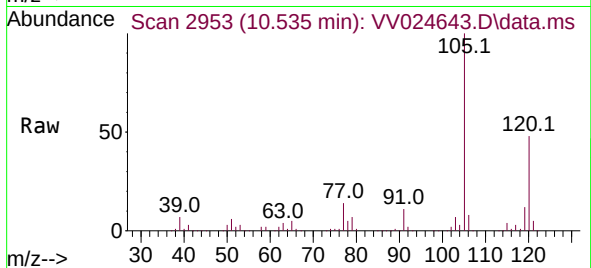
ClientSampleId :

Tgt Ion:105 Resp: 314354

Ion Ratio Lower Upper

105 100

120 47.7 40.1 60.1



#63

1,2,4-Trimethylbenzene

Concen: 5.798 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.000 min

Lab File: VV024643.D

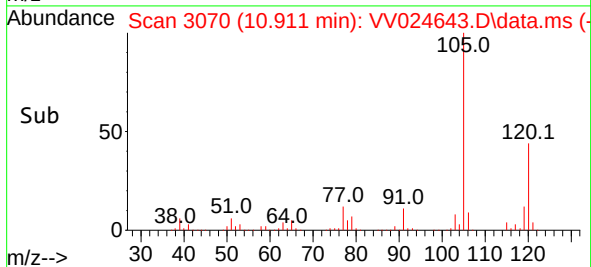
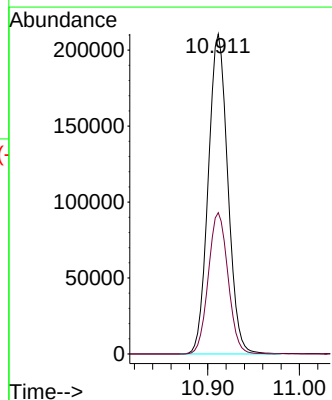
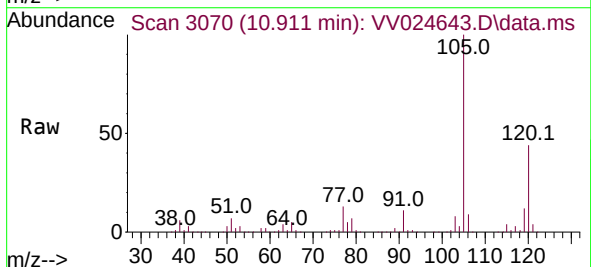
Acq: 14 Feb 2022 11:23

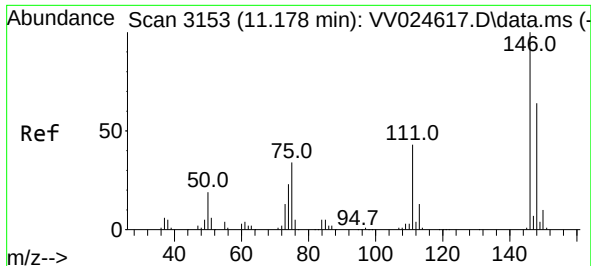
Tgt Ion:105 Resp: 311758

Ion Ratio Lower Upper

105 100

120 44.5 36.7 55.1

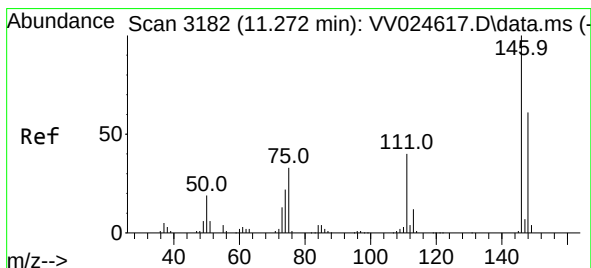
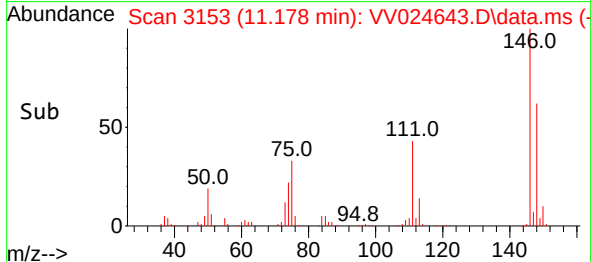
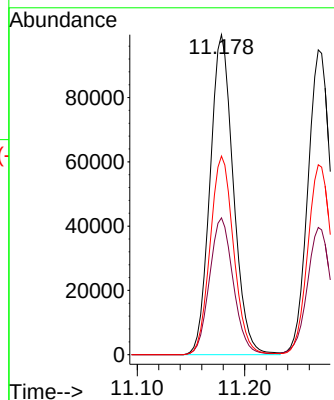
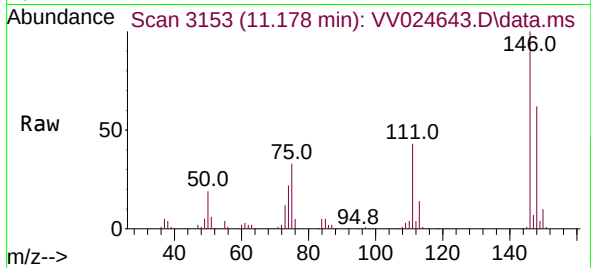




#64
1,3-Dichlorobenzene
Concen: 5.828 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV024643.D
Acq: 14 Feb 2022 11:23

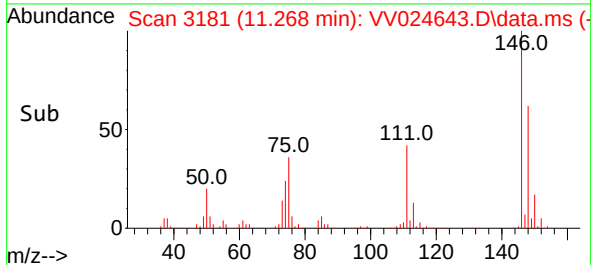
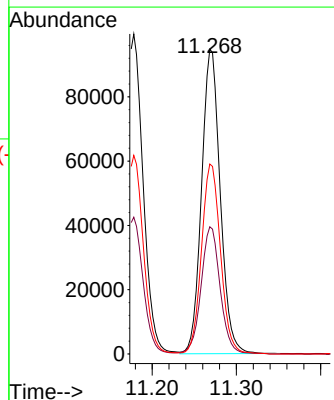
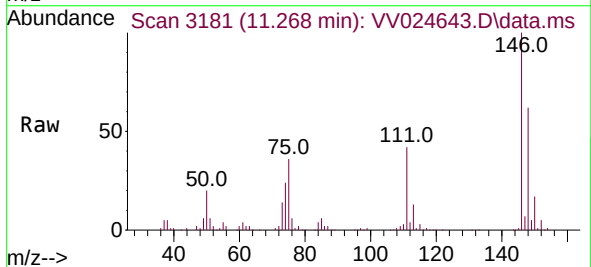
Instrument :
MSVOA_V
ClientSampleId :

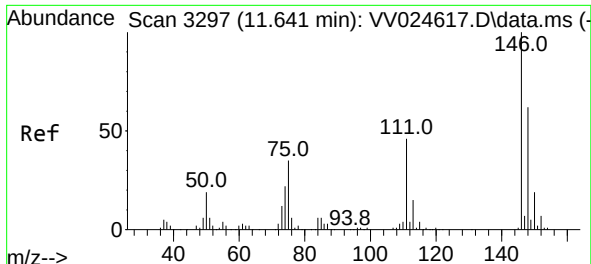
Tgt Ion:146 Resp: 149834
Ion Ratio Lower Upper
146 100
111 42.8 26.3 48.9
148 62.0 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 5.725 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. -0.003 min
Lab File: VV024643.D
Acq: 14 Feb 2022 11:23

Tgt Ion:146 Resp: 146183
Ion Ratio Lower Upper
146 100
111 41.7 25.6 47.6
148 62.3 44.8 83.2

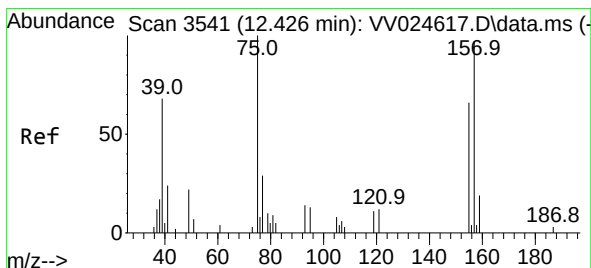
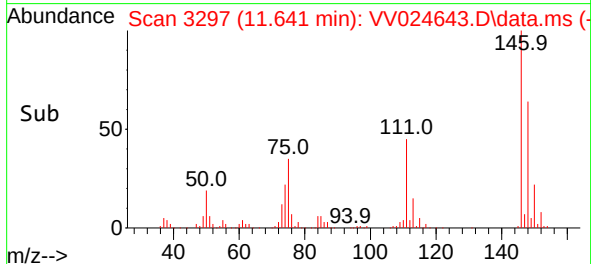
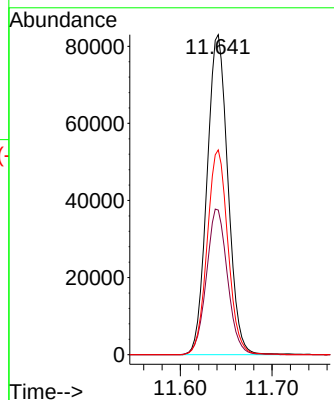
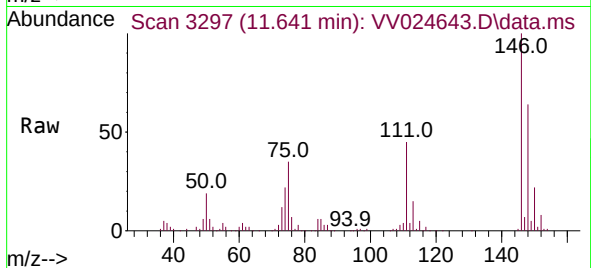




#67
 1,2-Dichlorobenzene
 Concen: 5.759 ug/L
 RT: 11.641 min Scan# 3297
 Delta R.T. -0.000 min
 Lab File: VV024643.D
 Acq: 14 Feb 2022 11:23

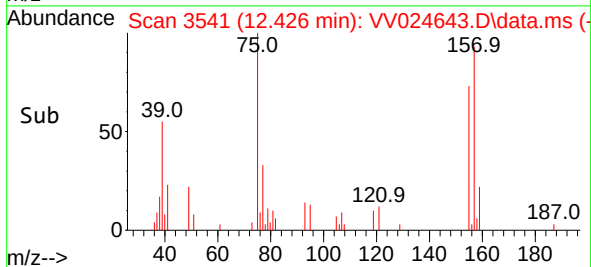
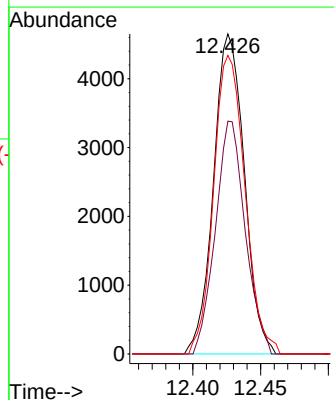
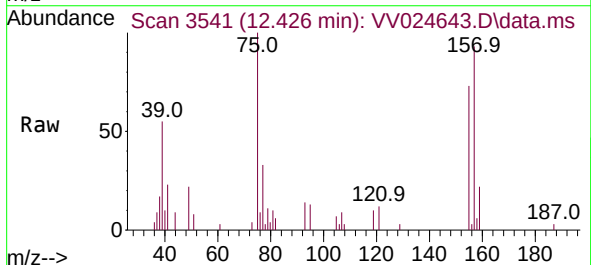
Instrument :
 MSVOA_V
 ClientSampleId :

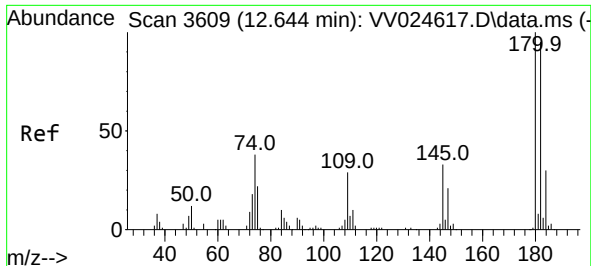
Tgt Ion:146 Resp: 131444
 Ion Ratio Lower Upper
 146 100
 111 45.2 31.9 47.9
 148 64.0 50.5 75.7



#68
 1,2-Dibromo-3-chloropropane
 Concen: 5.508 ug/L
 RT: 12.426 min Scan# 3541
 Delta R.T. -0.000 min
 Lab File: VV024643.D
 Acq: 14 Feb 2022 11:23

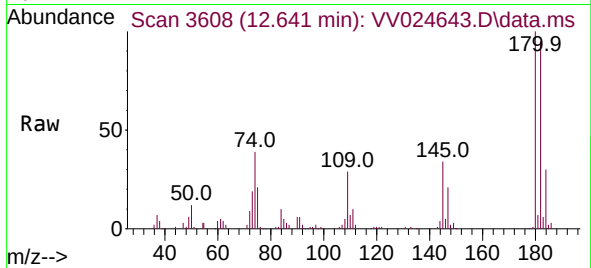
Tgt Ion: 75 Resp: 7345
 Ion Ratio Lower Upper
 75 100
 155 72.7 71.7 107.5
 157 93.3 103.3 154.9#



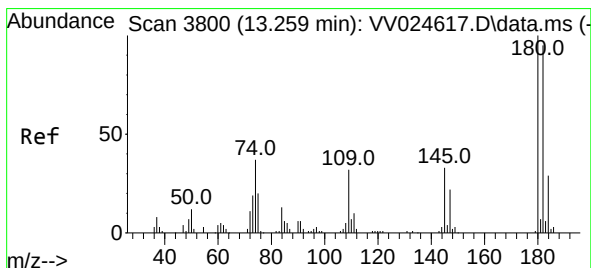
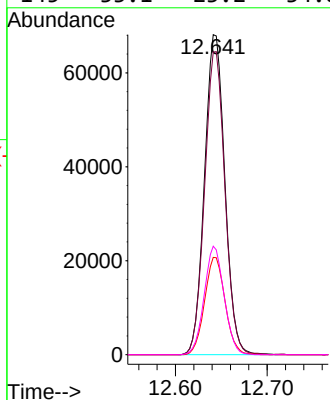
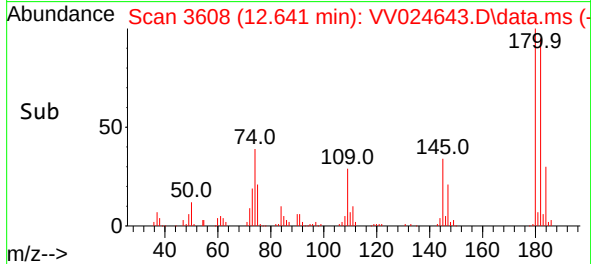


#69
 1,3,5-Trichlorobenzene
 Concen: 5.747 ug/L
 RT: 12.641 min Scan# 3609
 Delta R.T. -0.003 min
 Lab File: VV024643.D
 Acq: 14 Feb 2022 11:23

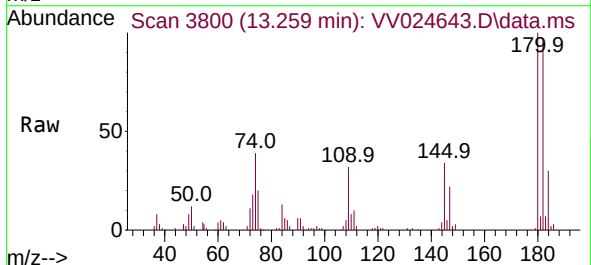
Instrument :
 MSVOA_V
 ClientSampleId :



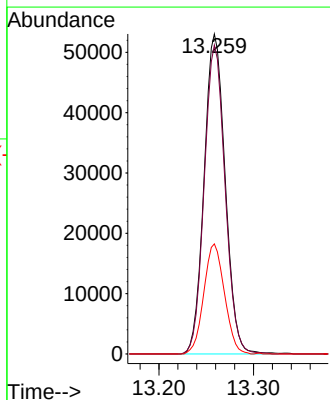
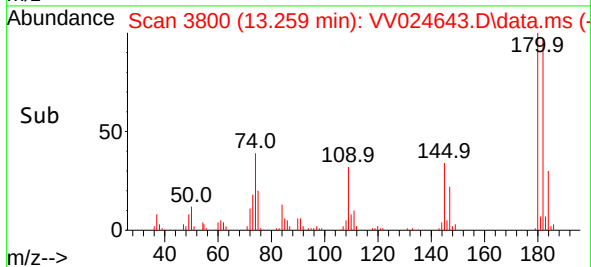
Tgt Ion:180 Resp: 105132
 Ion Ratio Lower Upper
 180 100
 182 94.5 76.4 114.6
 184 30.7 24.2 36.4
 145 33.1 23.2 34.8

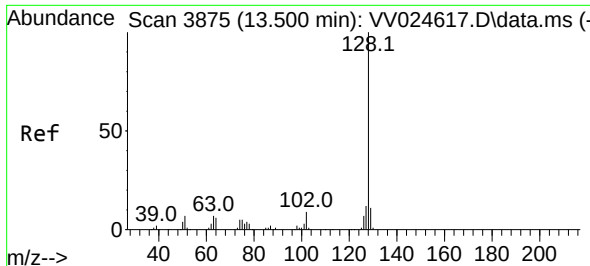


#70
 1,2,4-trichlorobenzene
 Concen: 5.561 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV024643.D
 Acq: 14 Feb 2022 11:23



Tgt Ion:180 Resp: 82140
 Ion Ratio Lower Upper
 180 100
 182 95.3 74.4 111.6
 145 33.7 23.3 34.9

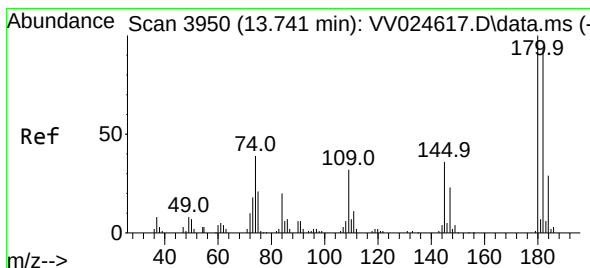
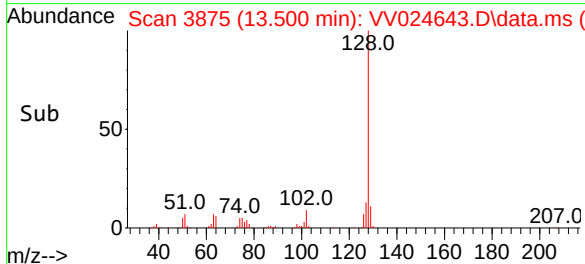
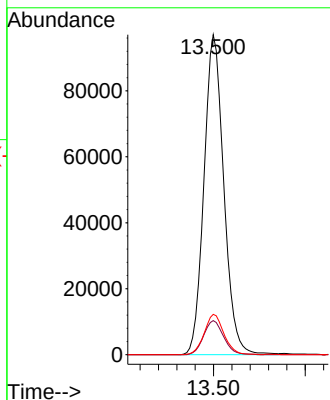
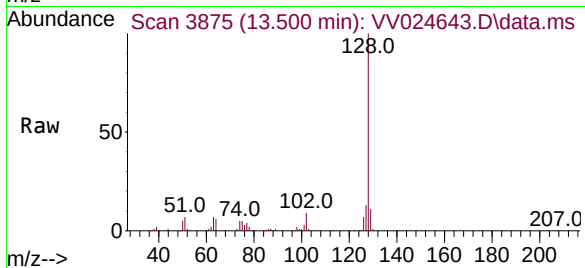




#71
Naphthalene
Concen: 5.453 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV024643.D
Acq: 14 Feb 2022 11:23

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 145893
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.4
127 12.5 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.527 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV024643.D
Acq: 14 Feb 2022 11:23

Tgt Ion:180 Resp: 68661
Ion Ratio Lower Upper
180 100
182 93.0 76.8 115.2
145 36.1 25.8 38.6

