

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032922\
 Data File : VW025303.D
 Acq On : 29 Mar 2022 19:11
 Operator : SY/MD
 Sample : N2165-11MSD
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 30 02:08:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 30 02:04:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	155043	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	146878	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	72004	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	43993	3.038	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	60.800%	
7) Chloroethane-d5	1.568	69	45504	3.744	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	74.800%	
11) 1,1-Dichloroethene-d2	2.114	63	108464	3.458	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	69.200%	
20) 2-Butanone-d5	3.892	46	79456	55.078	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	110.160%	
24) Chloroform-d	4.349	84	83805	4.434	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.600%	
26) 1,2-Dichloroethane-d4	5.034	65	36735	4.397	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.000%	
32) Benzene-d6	5.050	84	154550	4.159	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.200%	
36) 1,2-Dichloropropane-d6	6.069	67	45699	4.388	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	87.800%	
41) Toluene-d8	7.317	98	140064	4.110	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.200%	
43) trans-1,3-Dichloroprop...	7.622	79	15290	4.501	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.000%	
46) 2-Hexanone-d5	8.085	63	68823	56.091	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	112.180%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	34168	4.921	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	98.400%	
66) 1,2-Dichlorobenzene-d4	11.622	152	51422	4.447	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	89.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	76556	4.943	ug/L	100
3) Chloromethane	1.243	50	85078	4.658	ug/L	100
5) Vinyl chloride	1.314	62	93783	4.597	ug/L	95
6) Bromomethane	1.523	94	60937	5.032	ug/L	97
8) Chloroethane	1.587	64	68891	5.381	ug/L	99
9) Trichlorofluoromethane	1.754	101	136258	4.941	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	70050	4.276	ug/L	99
12) 1,1-Dichloroethene	2.121	96	72613	4.652	ug/L	95
13) Acetone	2.182	43	64742	58.813	ug/L	82
14) Carbon disulfide	2.298	76	162152	5.014	ug/L	97
15) Methyl Acetate	2.439	43	15363	6.130	ug/L	95
16) Methylene chloride	2.507	84	58815	4.799	ug/L	99
17) Methyl tert-butyl Ether	2.770	73	107185	5.428	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	59032	5.269	ug/L	99
19) 1,1-Dichloroethane	3.191	63	102424	5.476	ug/L	99
21) 2-Butanone	3.973	43	94312	62.264	ug/L	87
22) cis-1,2-Dichloroethene	3.912	96	63221	5.554	ug/L	94
23) Bromochloromethane	4.249	128	26581	5.599	ug/L	97
25) Chloroform	4.378	83	111521	5.374	ug/L	95

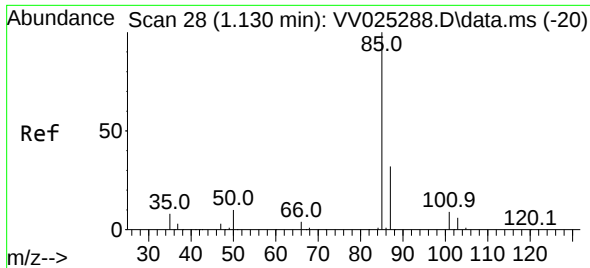
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	58622	5.470	ug/L	97
29) 1,1,1-Trichloroethane	4.609	97	97901	5.513	ug/L	99
30) Cyclohexane	4.680	56	78090	4.917	ug/L	98
31) Carbon tetrachloride	4.828	117	82065	5.339	ug/L	100
33) Benzene	5.098	78	238107	5.527	ug/L	100
34) Trichloroethene	5.915	95	61574	5.205	ug/L	98
35) Methylcyclohexane	6.130	83	85017	4.587	ug/L	98
37) 1,2-Dichloropropane	6.172	63	54783	5.482	ug/L	99
38) Bromodichloromethane	6.510	83	70615	5.578	ug/L	95
39) cis-1,3-Dichloropropene	7.027	75	69183	5.339	ug/L	97
40) 4-Methyl-2-pentanone	7.223	43	239360	59.987	ug/L	99
42) Toluene	7.387	91	258101	5.612	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	55761	5.474	ug/L	96
45) 1,1,2-Trichloroethane	7.838	97	39379	5.755	ug/L	95
47) Tetrachloroethene	7.976	164	49375	5.660	ug/L	96
48) 2-Hexanone	8.137	43	169630	59.439	ug/L	97
49) Dibromochloromethane	8.243	129	43260	5.875	ug/L	99
50) 1,2-Dibromoethane	8.352	107	37019	5.807	ug/L #	94
51) Chlorobenzene	8.879	112	161395	5.434	ug/L	99
52) Ethylbenzene	9.011	91	262017	5.371	ug/L	97
53) m,p-Xylene	9.137	106	103856	5.474	ug/L	99
54) o-Xylene	9.542	106	102202	5.635	ug/L	100
55) Styrene	9.558	104	159576	5.351	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	41467	5.813	ug/L	95
59) Bromoform	9.731	173	18532	6.297	ug/L	96
60) Isopropylbenzene	9.931	105	260653	5.458	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	30969	5.684	ug/L	95
62) 1,3,5-Trimethylbenzene	10.538	105	109553	5.116	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	198591	5.198	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	122645	5.484	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	120137	5.364	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	111320	5.656	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	5633	5.775	ug/L	88
69) 1,3,5-Trichlorobenzene	12.641	180	82782	5.131	ug/L	97
70) 1,2,4-trichlorobenzene	13.259	180	64856	5.328	ug/L	97
71) Naphthalene	13.500	128	107843	5.685	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	57947	5.525	ug/L	98

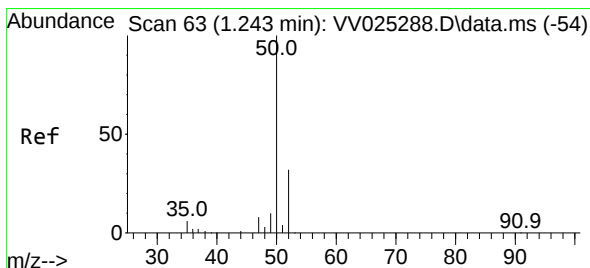
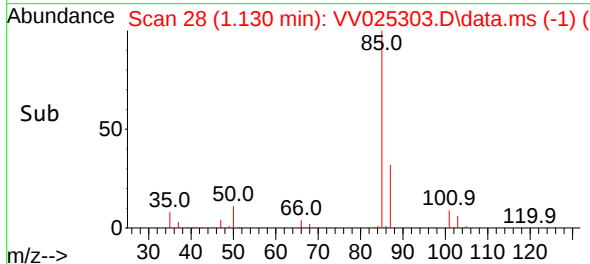
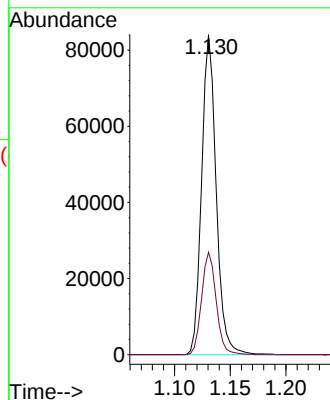
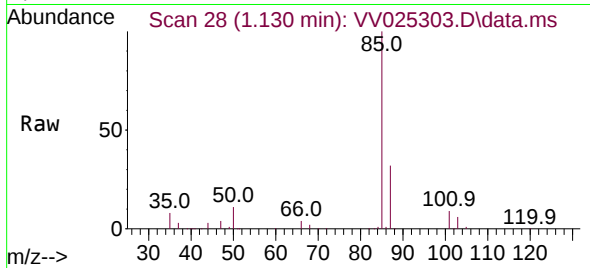
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#2
 Dichlorodifluoromethane
 Concen: 4.943 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV025303.D
 Acq: 29 Mar 2022 19:11

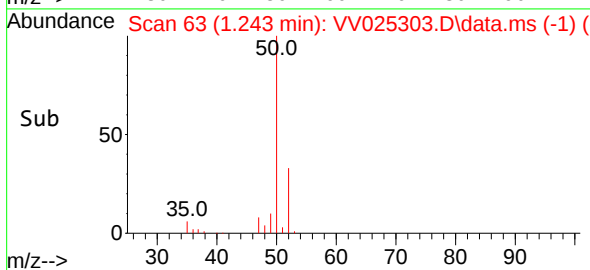
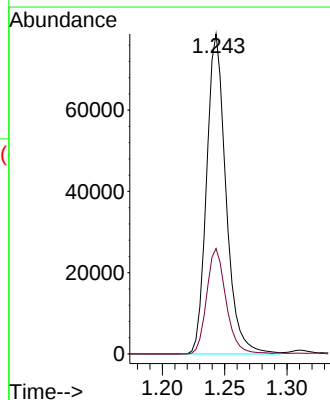
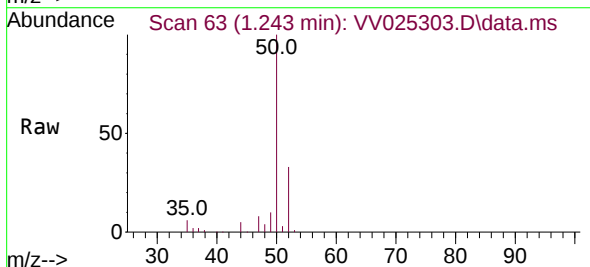
Instrument :
 MSVOA_V
 ClientSampleId :

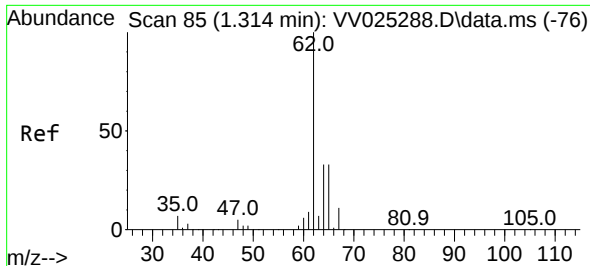
Tgt Ion: 85 Resp: 76556
 Ion Ratio Lower Upper
 85 100
 87 32.0 25.8 38.6



#3
 Chloromethane
 Concen: 4.658 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV025303.D
 Acq: 29 Mar 2022 19:11

Tgt Ion: 50 Resp: 85078
 Ion Ratio Lower Upper
 50 100
 52 33.0 22.9 42.5

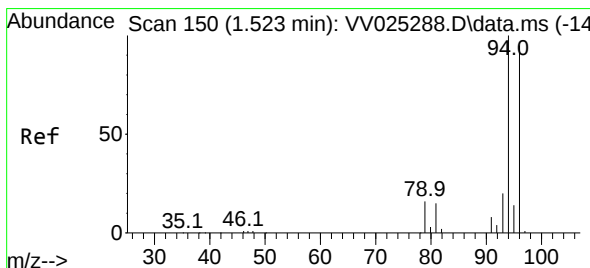
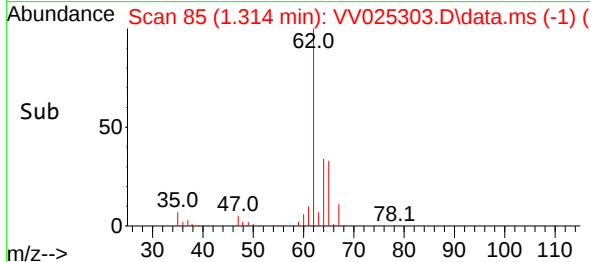
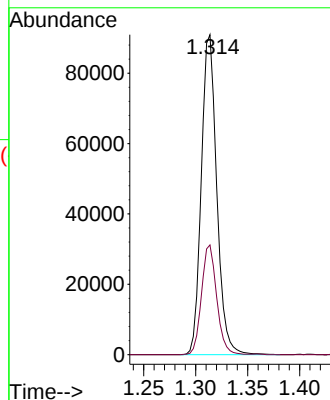
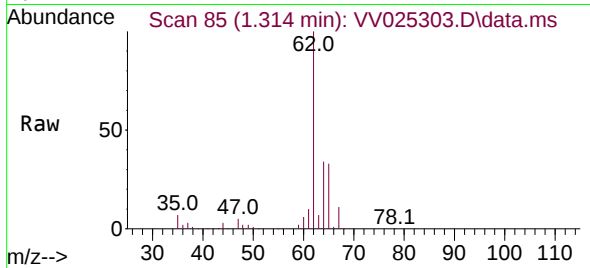




#5
 Vinyl chloride
 Concen: 4.597 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: VV025303.D
 Acq: 29 Mar 2022 19:11

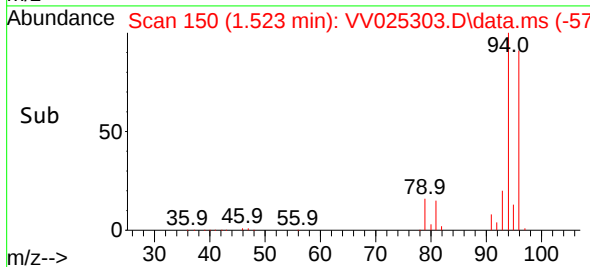
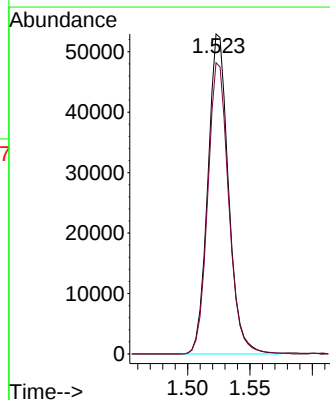
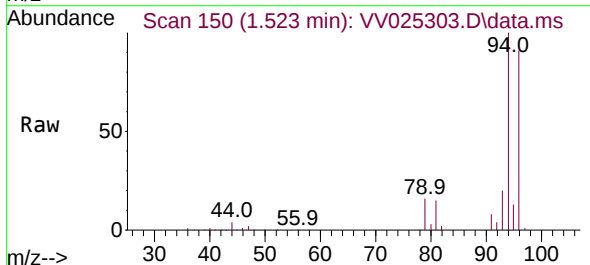
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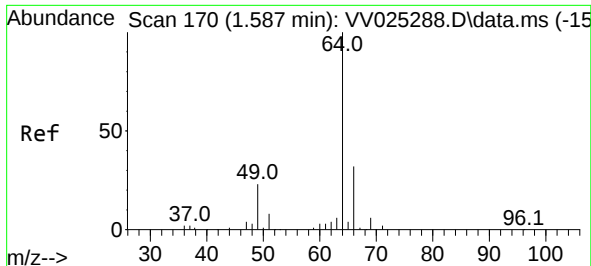
Tgt Ion: 62 Resp: 93783
 Ion Ratio Lower Upper
 62 100
 64 34.3 22.0 40.8



#6
 Bromomethane
 Concen: 5.032 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV025303.D
 Acq: 29 Mar 2022 19:11

Tgt Ion: 94 Resp: 60937
 Ion Ratio Lower Upper
 94 100
 96 91.0 65.5 121.7

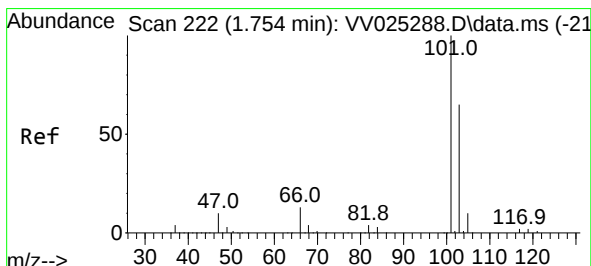
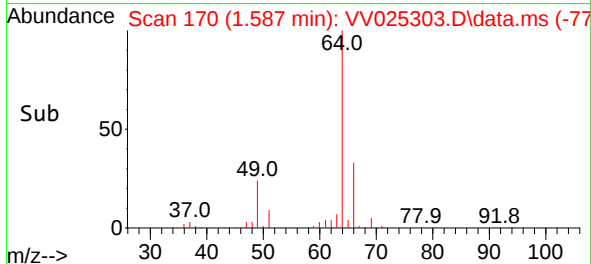
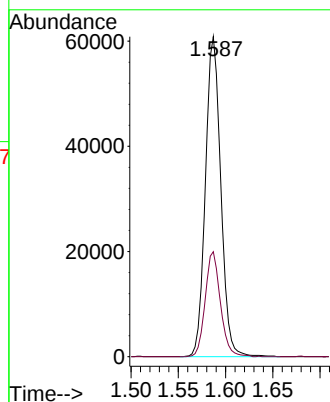
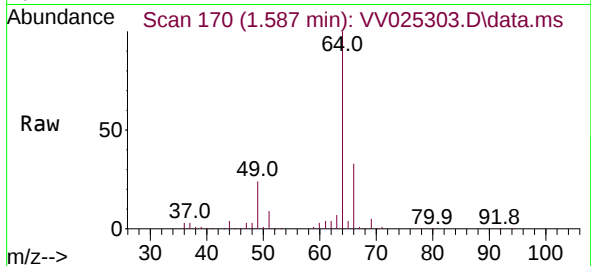




#8
Chloroethane
Concen: 5.381 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV025303.D
Acq: 29 Mar 2022 19:11

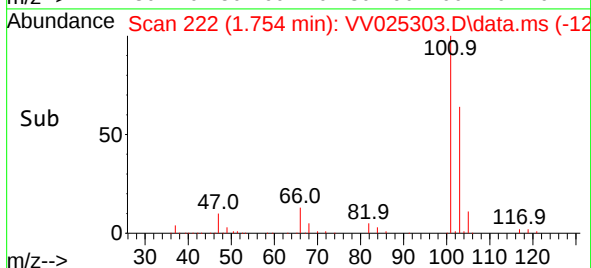
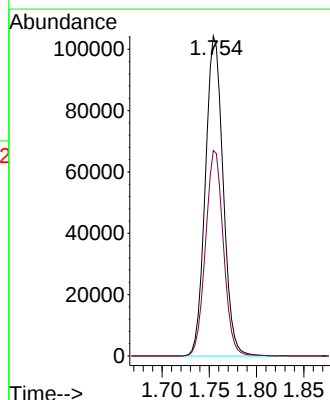
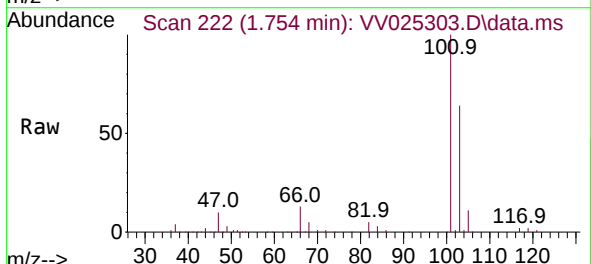
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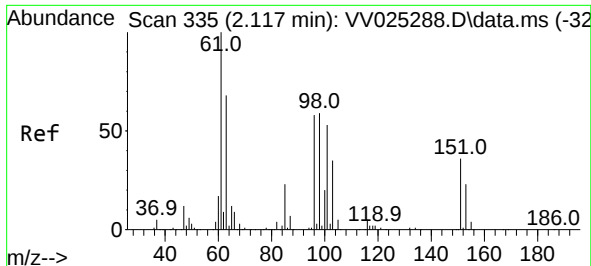
Tgt Ion: 64 Resp: 68891
Ion Ratio Lower Upper
64 100
66 32.8 23.5 43.7



#9
Trichlorofluoromethane
Concen: 4.941 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV025303.D
Acq: 29 Mar 2022 19:11

Tgt Ion:101 Resp: 136258
Ion Ratio Lower Upper
101 100
103 64.5 52.2 78.2

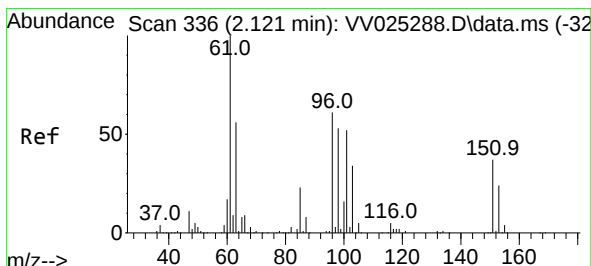
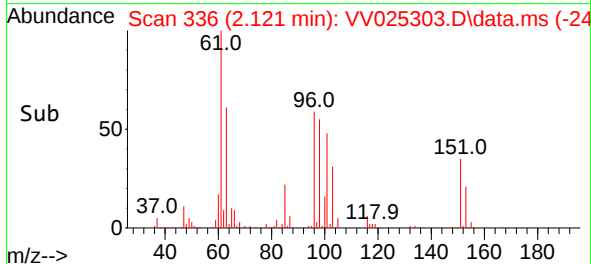
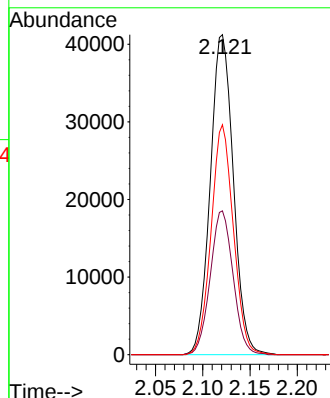
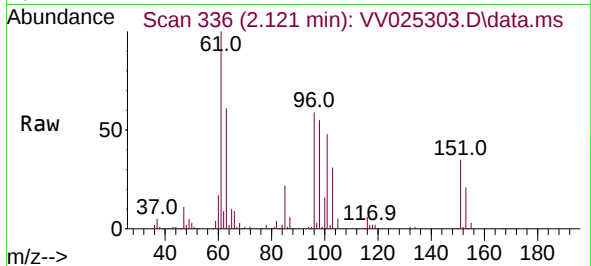




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.276 ug/L
 RT: 2.121 min Scan# 335
 Delta R.T. 0.003 min
 Lab File: VV025303.D
 Acq: 29 Mar 2022 19:11

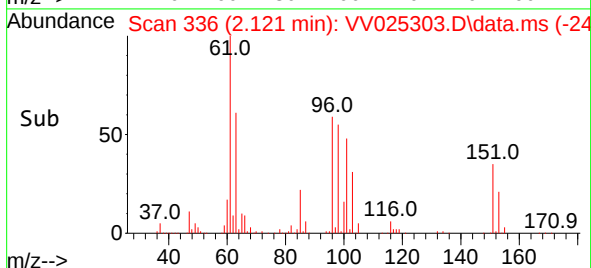
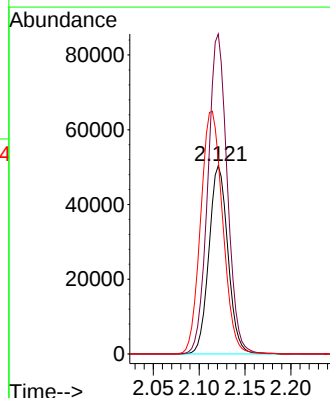
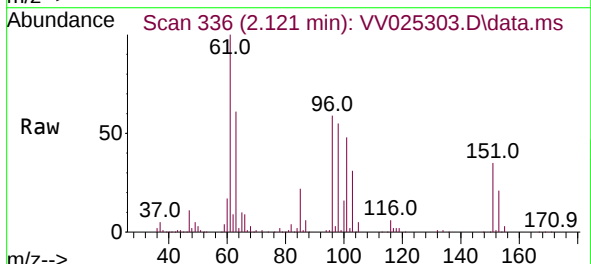
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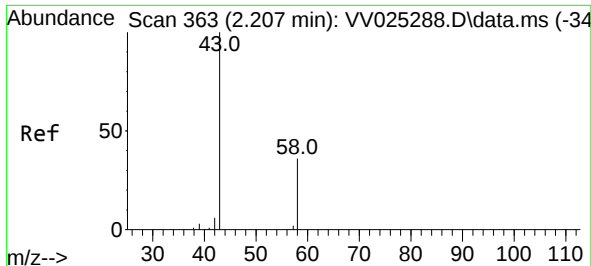
Tgt Ion:101 Resp: 70050
 Ion Ratio Lower Upper
 101 100
 85 44.4 36.0 54.0
 151 69.5 54.6 81.8



#12
 1,1-Dichloroethene
 Concen: 4.652 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.000 min
 Lab File: VV025303.D
 Acq: 29 Mar 2022 19:11

Tgt Ion: 96 Resp: 72613
 Ion Ratio Lower Upper
 96 100
 61 169.9 121.5 225.7
 63 103.4 77.9 144.7





#13

Acetone

Concen: 58.813 ug/L

RT: 2.182 min Scan# 3

Delta R.T. -0.026 min

Lab File: VV025303.D

Acq: 29 Mar 2022 19:11

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MSVOA_V

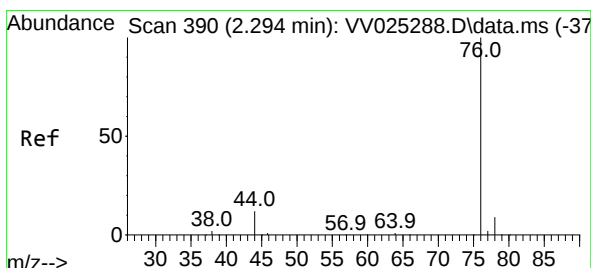
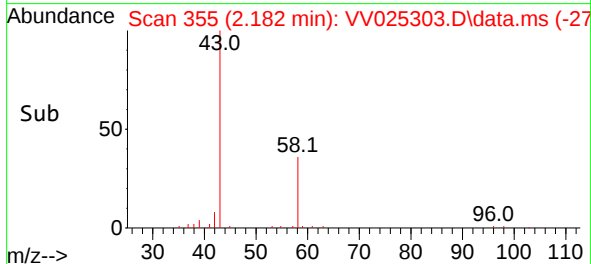
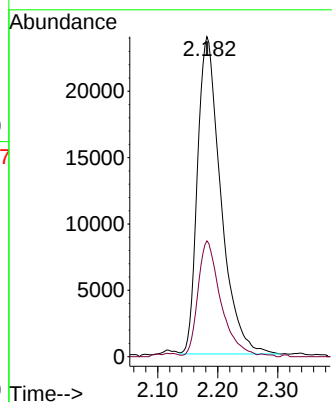
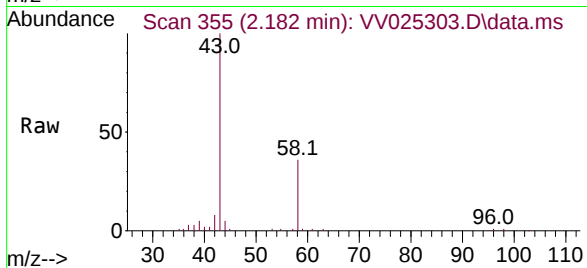
ClientSampleId :

Tgt Ion: 43 Resp: 64742

Ion Ratio Lower Upper

43 100

58 35.0 0.0 51.2



#14

Carbon disulfide

Concen: 5.014 ug/L

RT: 2.298 min Scan# 391

Delta R.T. 0.003 min

Lab File: VV025303.D

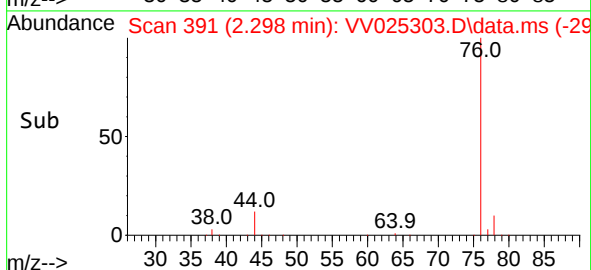
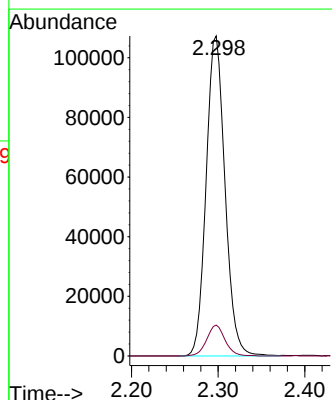
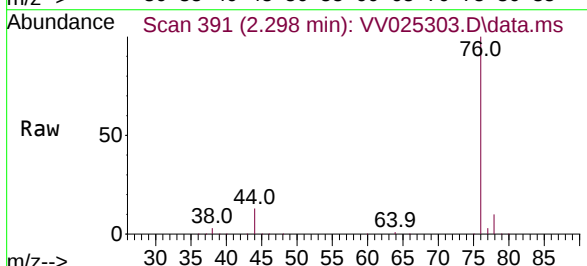
Acq: 29 Mar 2022 19:11

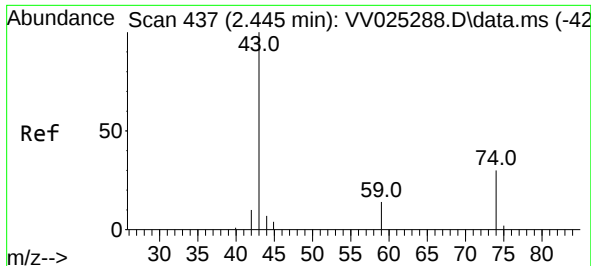
Tgt Ion: 76 Resp: 162152

Ion Ratio Lower Upper

76 100

78 9.7 7.0 10.4

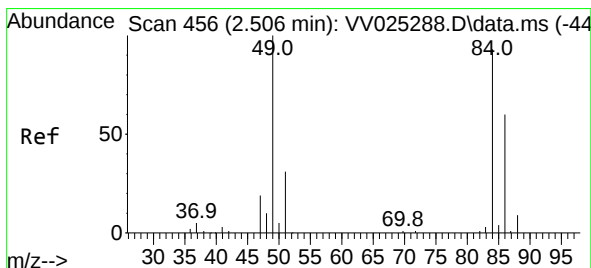
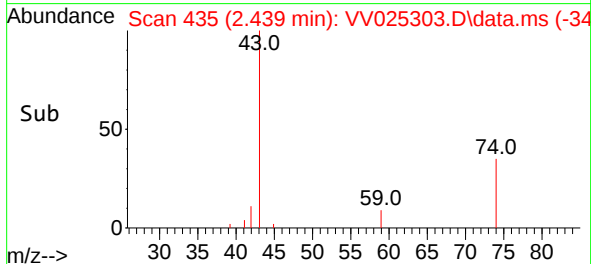
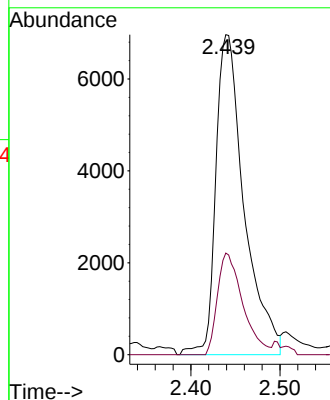
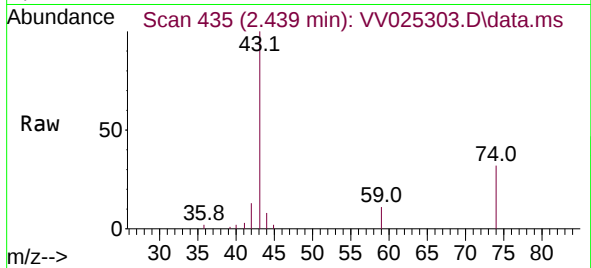




#15
Methyl Acetate
Concen: 6.130 ug/L
RT: 2.439 min Scan# 41
Delta R.T. -0.006 min
Lab File: VV025303.D
Acq: 29 Mar 2022 19:11

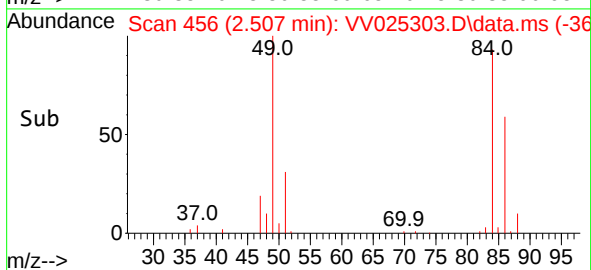
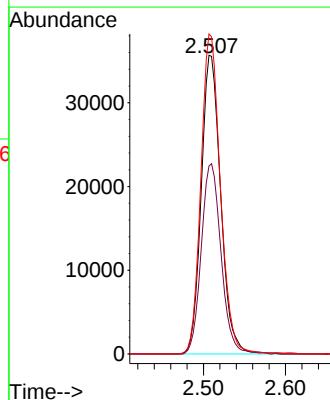
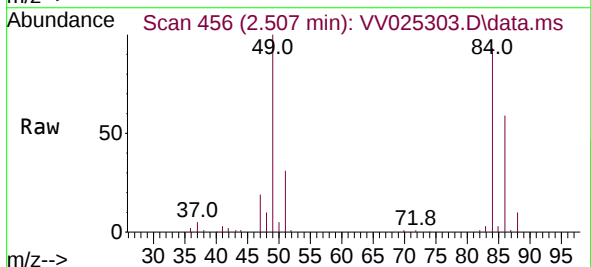
Instrument :
MSVOA_V
ClientSampleId :

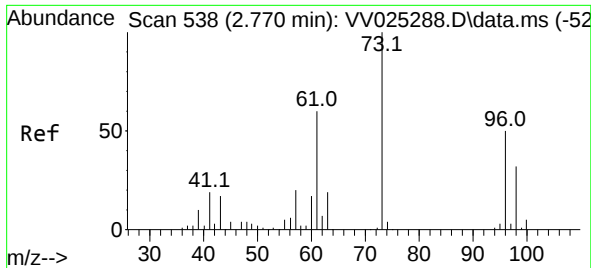
Tgt Ion: 43 Resp: 15363
Ion Ratio Lower Upper
43 100
74 28.4 20.9 31.3



#16
Methylene chloride
Concen: 4.799 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.000 min
Lab File: VV025303.D
Acq: 29 Mar 2022 19:11

Tgt Ion: 84 Resp: 58815
Ion Ratio Lower Upper
84 100
86 62.9 43.5 80.7
49 107.1 74.5 138.3

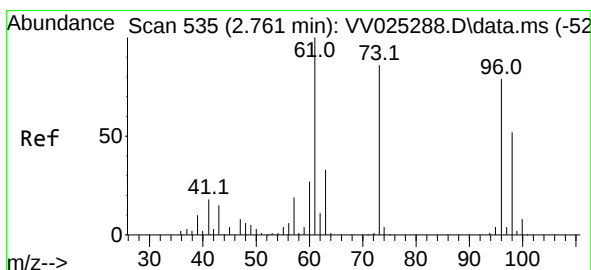
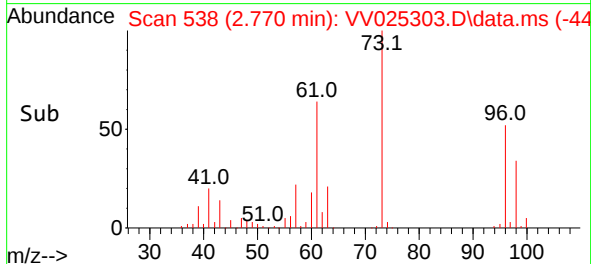
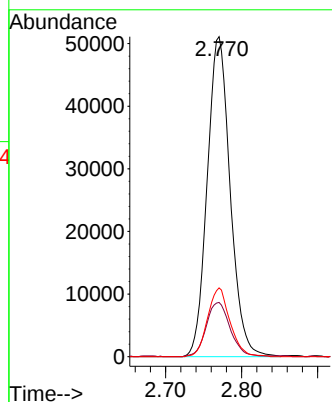
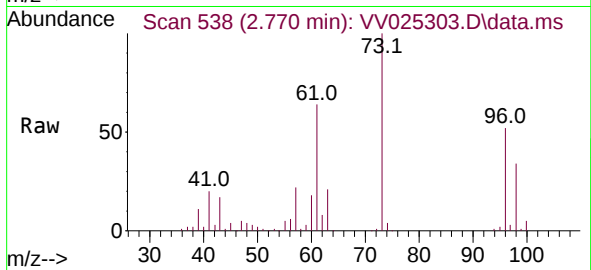




#17
Methyl tert-butyl Ether
Concen: 5.428 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV025303.D
Acq: 29 Mar 2022 19:11

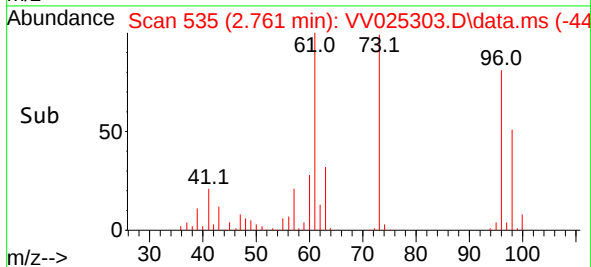
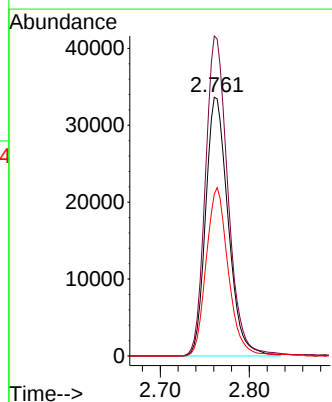
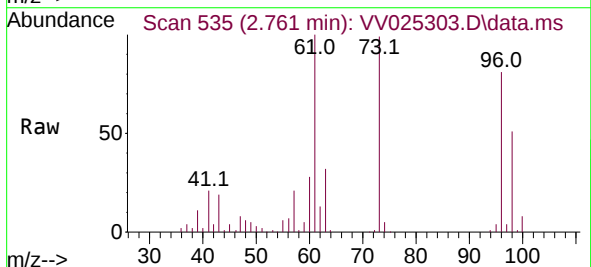
Instrument :
MSVOA_V
ClientSampleId :

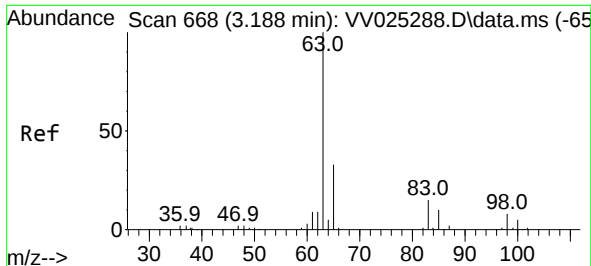
Tgt Ion: 73 Resp: 107185
Ion Ratio Lower Upper
73 100
43 17.8 13.5 20.3
57 20.9 16.4 24.6



#18
trans-1,2-Dichloroethene
Concen: 5.269 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV025303.D
Acq: 29 Mar 2022 19:11

Tgt Ion: 96 Resp: 59032
Ion Ratio Lower Upper
96 100
61 123.7 87.6 162.8
98 62.5 44.0 81.8





#19

1,1-Dichloroethane

Concen: 5.476 ug/L

RT: 3.191 min Scan# 669

Delta R.T. 0.003 min

Lab File: VV025303.D

Acq: 29 Mar 2022 19:11

Instrument :

MSVOA_V

ClientSampleId :

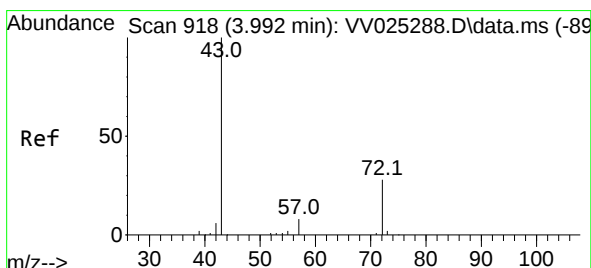
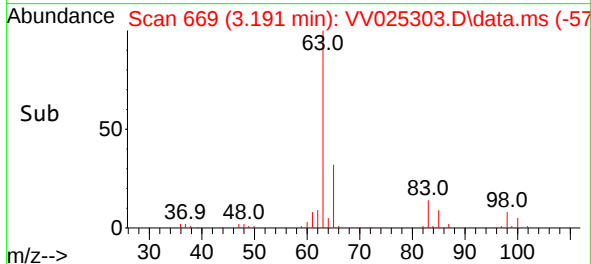
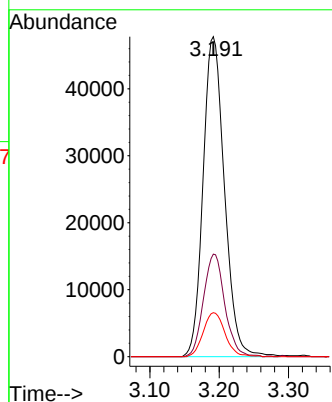
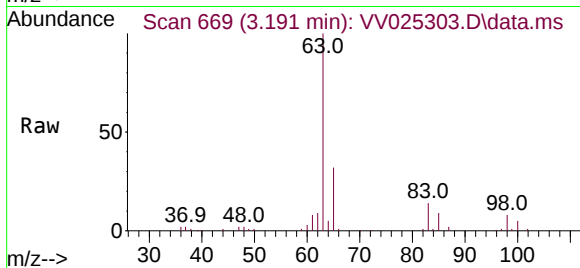
Tgt Ion: 63 Resp: 102424

Ion Ratio Lower Upper

63 100

65 32.1 22.0 40.8

83 13.7 10.2 19.0



#21

2-Butanone

Concen: 62.264 ug/L

RT: 3.973 min Scan# 912

Delta R.T. -0.019 min

Lab File: VV025303.D

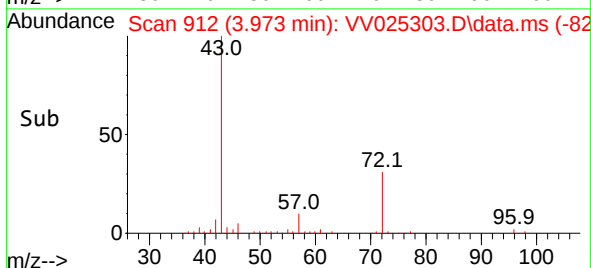
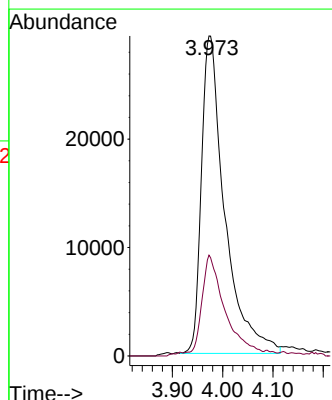
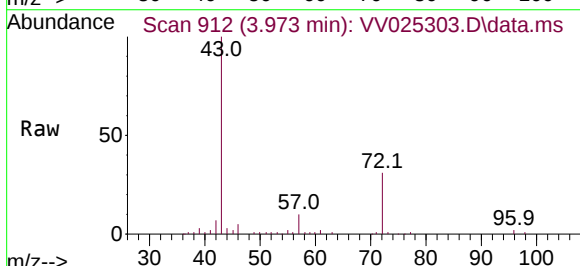
Acq: 29 Mar 2022 19:11

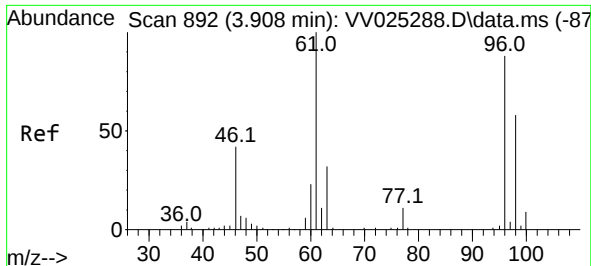
Tgt Ion: 43 Resp: 94312

Ion Ratio Lower Upper

43 100

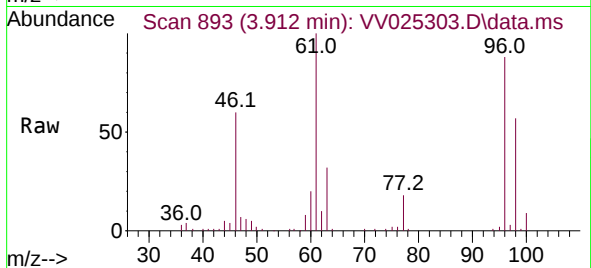
72 29.9 11.8 35.4



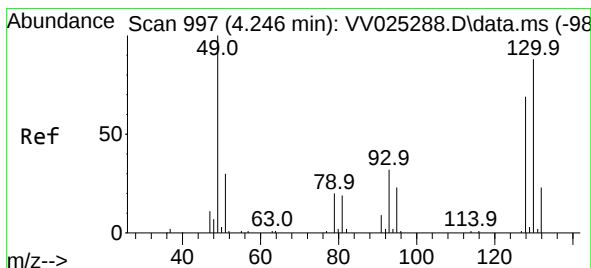
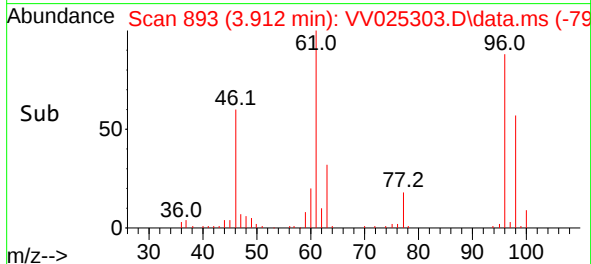
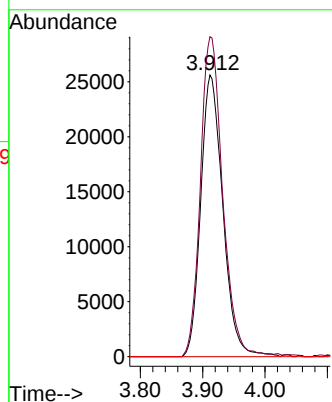


#22
 cis-1,2-Dichloroethene
 Concen: 5.554 ug/L
 RT: 3.912 min Scan# 893
 Delta R.T. 0.003 min
 Lab File: VV025303.D
 Acq: 29 Mar 2022 19:11

Instrument :
 MSVOA_V
 ClientSampleId :

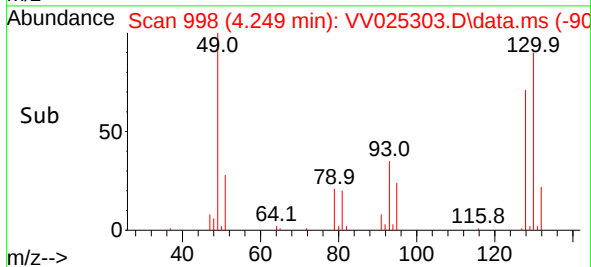
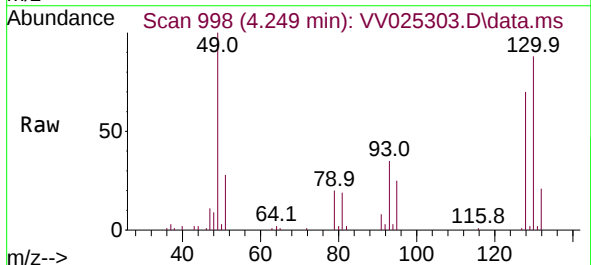
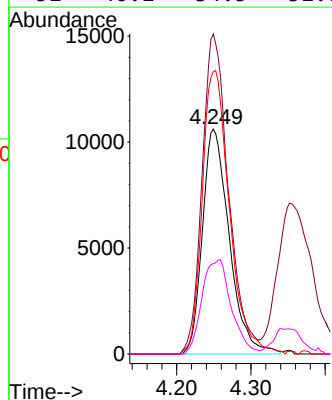


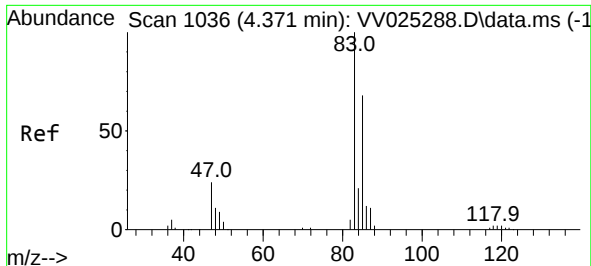
Tgt Ion: 96 Resp: 63221
 Ion Ratio Lower Upper
 96 100
 61 113.6 84.1 156.1
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.599 ug/L
 RT: 4.249 min Scan# 998
 Delta R.T. 0.003 min
 Lab File: VV025303.D
 Acq: 29 Mar 2022 19:11

Tgt Ion: 128 Resp: 26581
 Ion Ratio Lower Upper
 128 100
 49 142.2 101.4 188.4
 130 125.5 85.0 158.0
 51 40.1 34.5 51.7

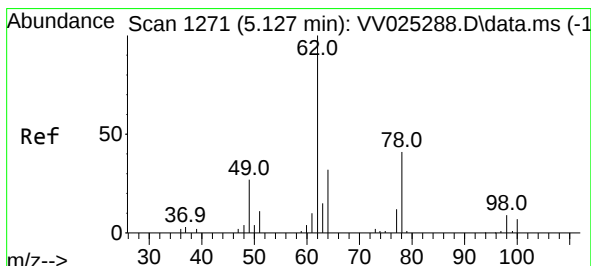
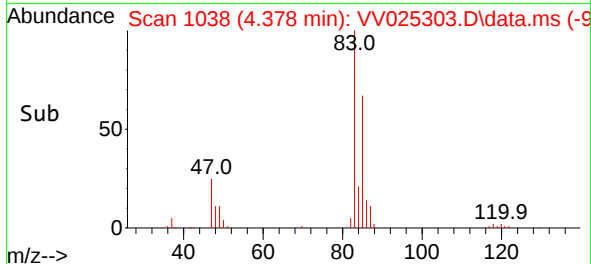
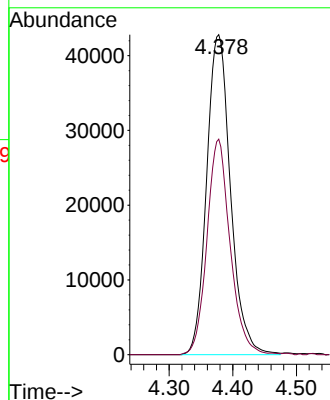
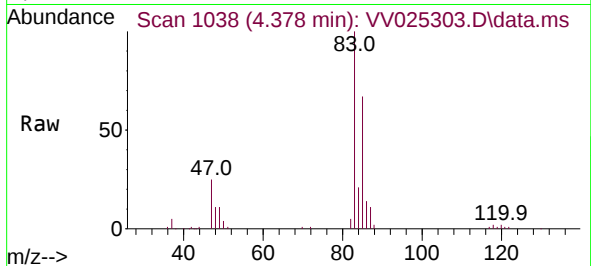




#25
Chloroform
Concen: 5.374 ug/L
RT: 4.378 min Scan# 11
Delta R.T. 0.007 min
Lab File: VV025303.D
Acq: 29 Mar 2022 19:11

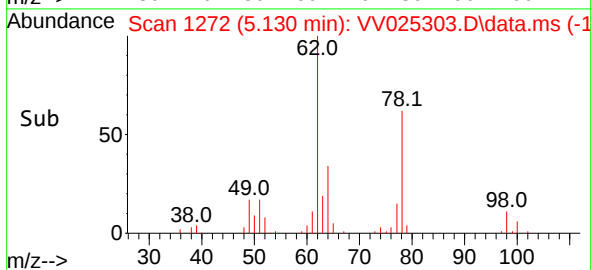
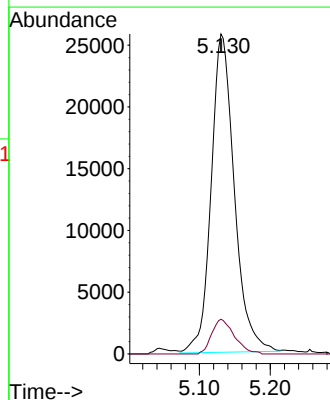
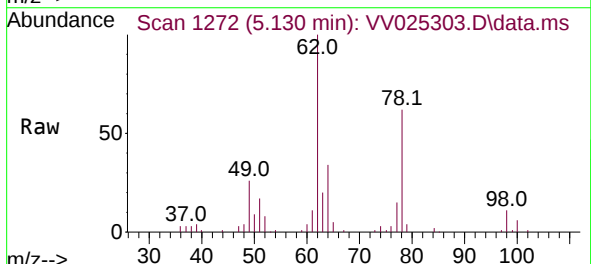
Instrument :
MSVOA_V
ClientSampleId :

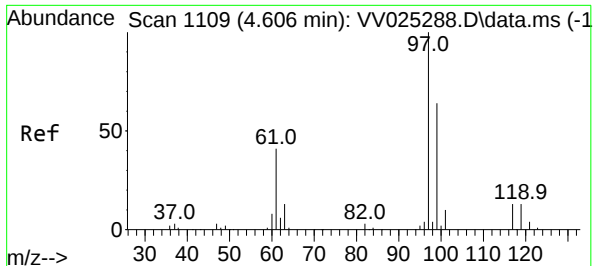
Tgt Ion: 83 Resp: 111521
Ion Ratio Lower Upper
83 100
85 67.4 44.7 82.9



#27
1,2-Dichloroethane
Concen: 5.470 ug/L
RT: 5.130 min Scan# 1272
Delta R.T. 0.003 min
Lab File: VV025303.D
Acq: 29 Mar 2022 19:11

Tgt Ion: 62 Resp: 58622
Ion Ratio Lower Upper
62 100
98 10.8 7.9 11.9





#29

1,1,1-Trichloroethane

Concen: 5.513 ug/L

RT: 4.609 min Scan# 1109

Delta R.T. 0.003 min

Lab File: VV025303.D

Acq: 29 Mar 2022 19:11

Instrument :

MSVOA_V

ClientSampleId :

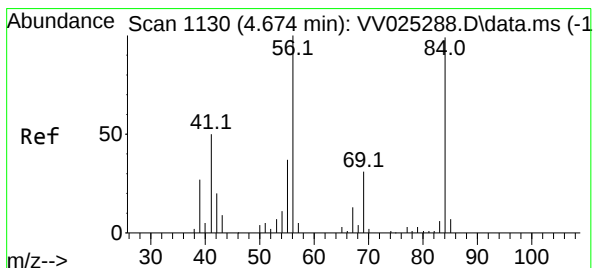
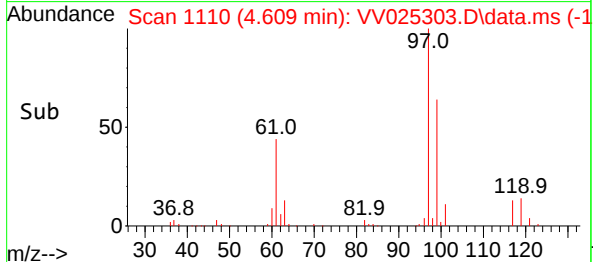
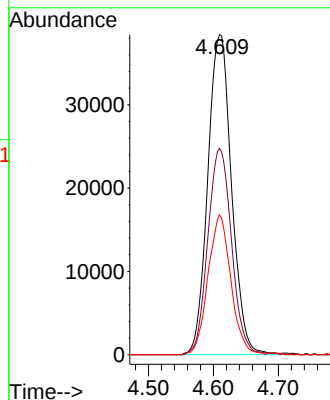
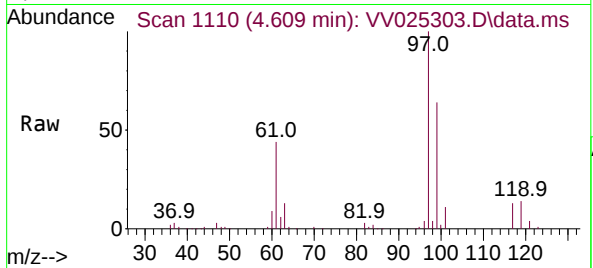
Tgt Ion: 97 Resp: 97901

Ion Ratio Lower Upper

97 100

99 64.4 51.9 77.9

61 41.9 34.2 51.2



#30

Cyclohexane

Concen: 4.917 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. 0.007 min

Lab File: VV025303.D

Acq: 29 Mar 2022 19:11

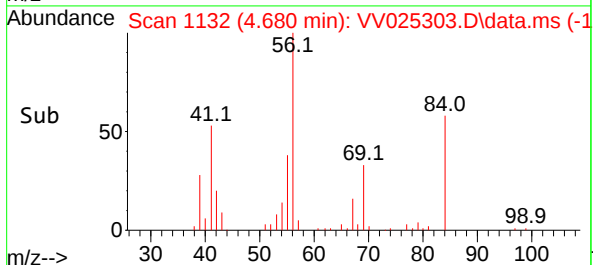
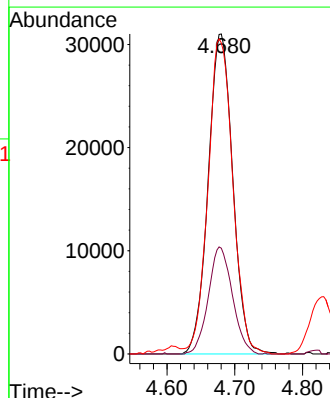
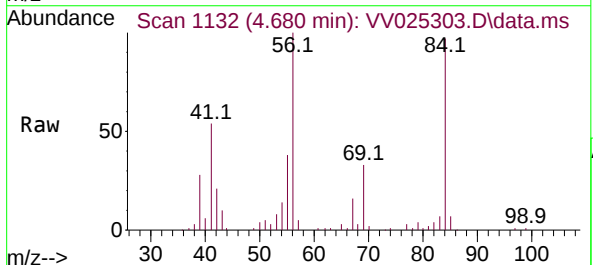
Tgt Ion: 56 Resp: 78090

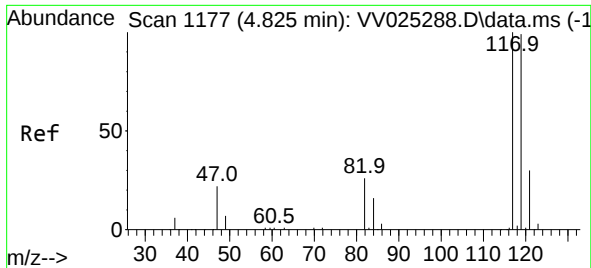
Ion Ratio Lower Upper

56 100

69 32.7 25.3 37.9

84 99.5 78.4 117.6

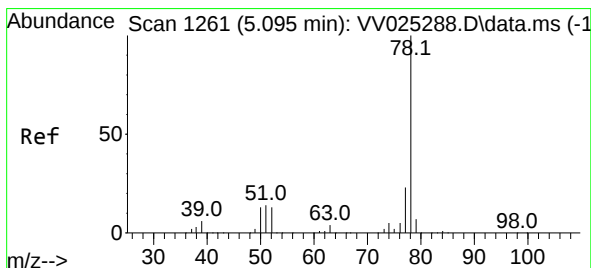
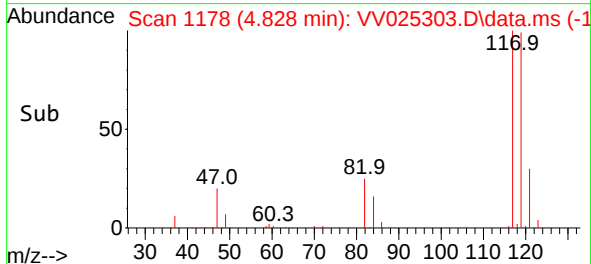
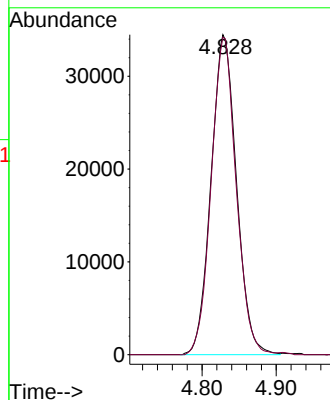
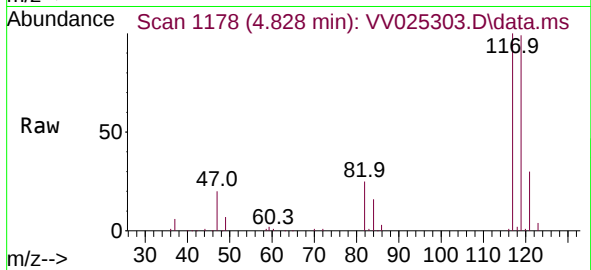




#31
Carbon tetrachloride
Concen: 5.339 ug/L
RT: 4.828 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VV025303.D
Acq: 29 Mar 2022 19:11

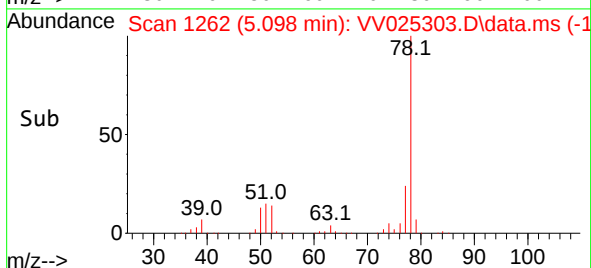
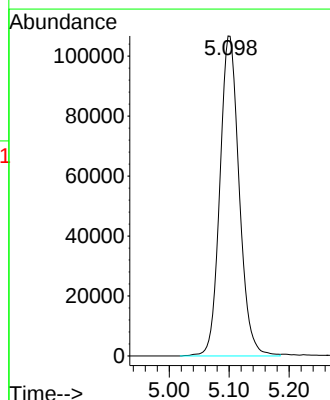
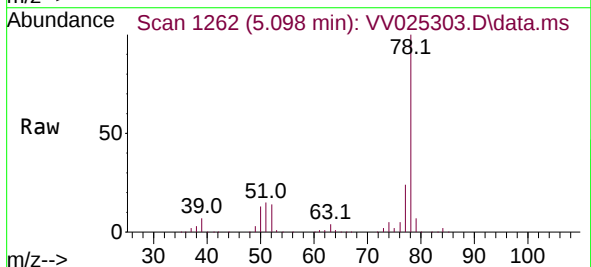
Instrument :
MSVOA_V
ClientSampleId :

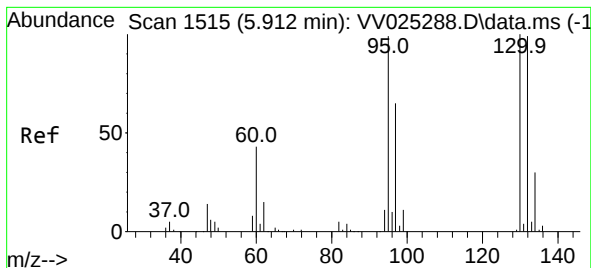
Tgt Ion:117 Resp: 82065
Ion Ratio Lower Upper
117 100
119 97.4 77.8 116.6



#33
Benzene
Concen: 5.527 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VV025303.D
Acq: 29 Mar 2022 19:11

Tgt Ion: 78 Resp: 238107





#34

Trichloroethene

Concen: 5.205 ug/L

RT: 5.915 min Scan# 1515

Delta R.T. 0.003 min

Lab File: VV025303.D

Acq: 29 Mar 2022 19:11

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 61574

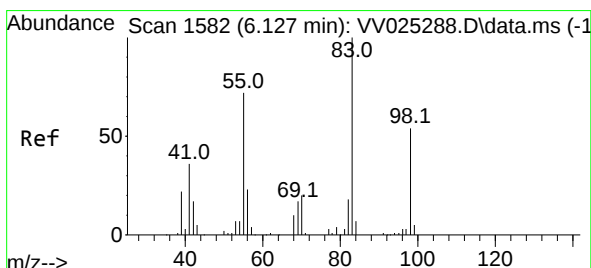
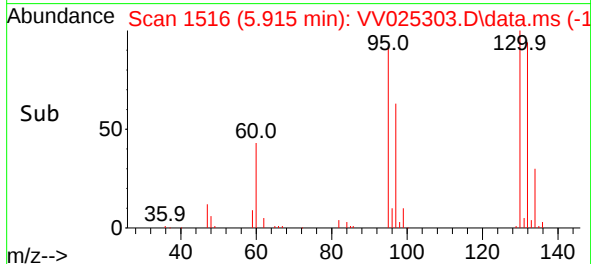
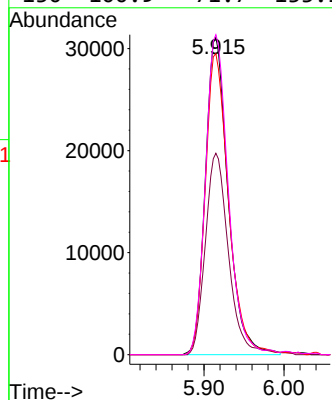
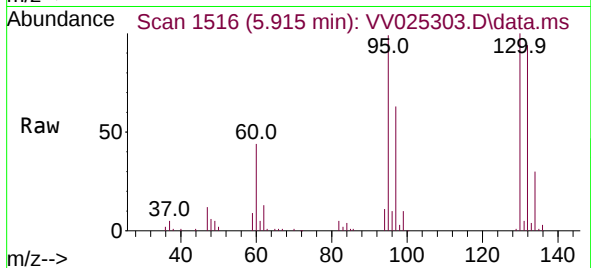
Ion Ratio Lower Upper

95 100

97 63.5 46.3 85.9

132 94.9 65.2 121.2

130 100.9 71.7 133.1



#35

Methylcyclohexane

Concen: 4.587 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. 0.003 min

Lab File: VV025303.D

Acq: 29 Mar 2022 19:11

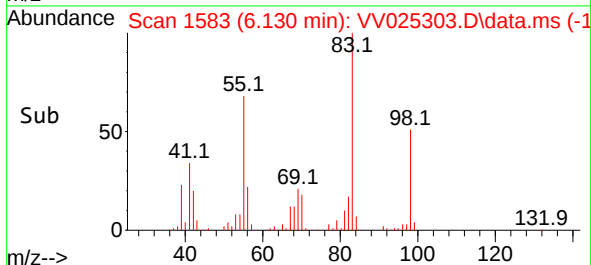
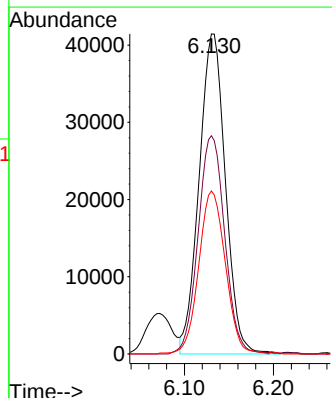
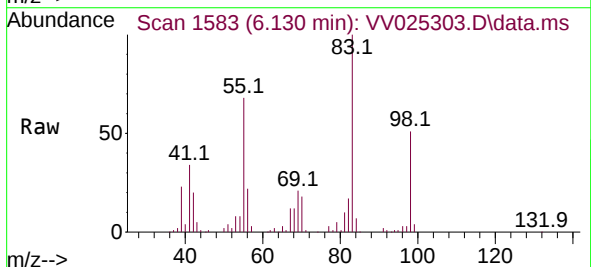
Tgt Ion: 83 Resp: 85017

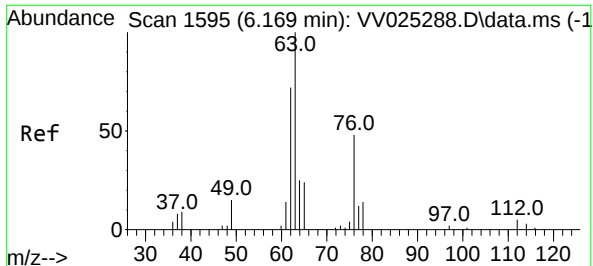
Ion Ratio Lower Upper

83 100

55 69.0 54.6 81.8

98 51.7 39.8 59.6





#37

1,2-Dichloropropane

Concen: 5.482 ug/L

RT: 6.172 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV025303.D

Acq: 29 Mar 2022 19:11

Instrument :

MSVOA_V

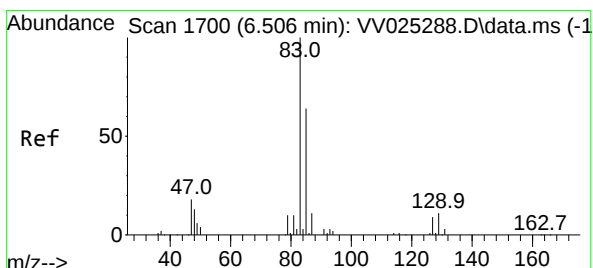
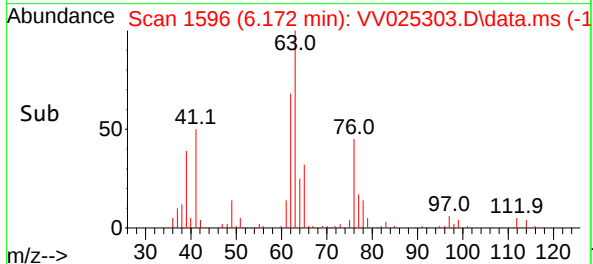
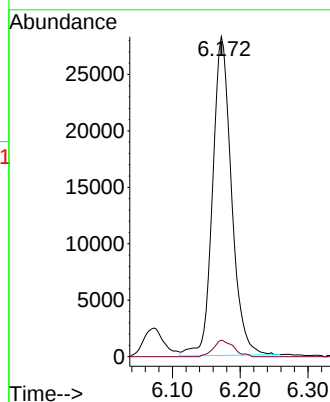
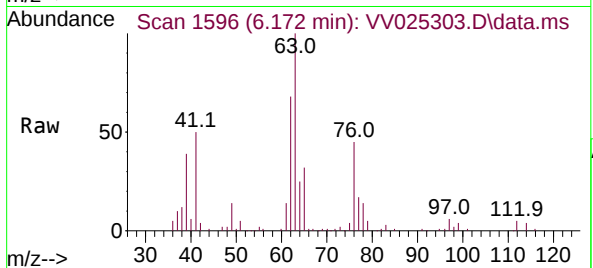
ClientSampleId :

Tgt Ion: 63 Resp: 54783

Ion Ratio Lower Upper

63 100

112 5.5 4.2 6.2



#38

Bromodichloromethane

Concen: 5.578 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VV025303.D

Acq: 29 Mar 2022 19:11

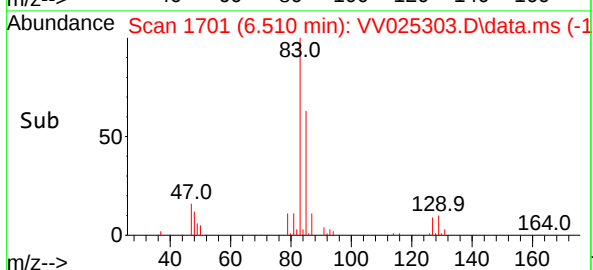
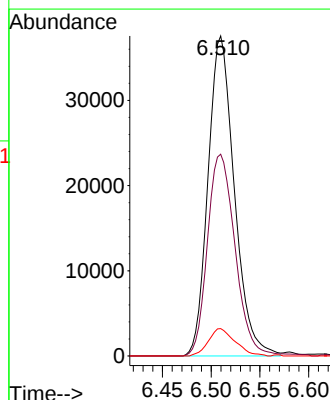
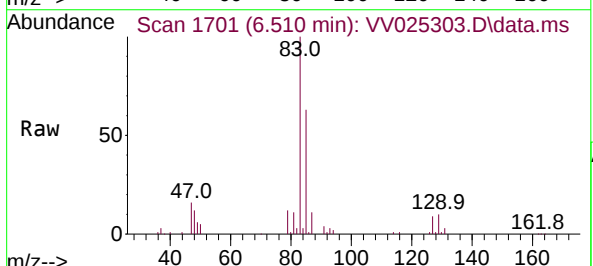
Tgt Ion: 83 Resp: 70615

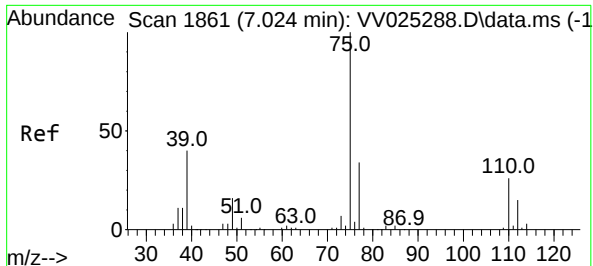
Ion Ratio Lower Upper

83 100

85 63.0 47.2 87.6

127 8.6 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 5.339 ug/L

RT: 7.027 min Scan# 1861

Delta R.T. 0.003 min

Lab File: VV025303.D

Acq: 29 Mar 2022 19:11

Instrument :

MSVOA_V

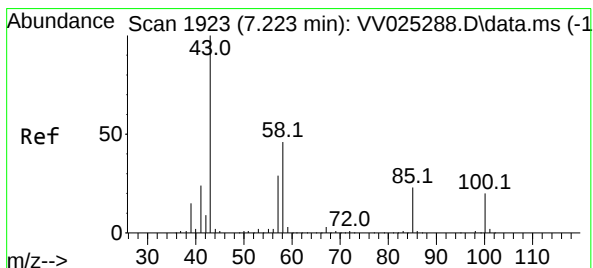
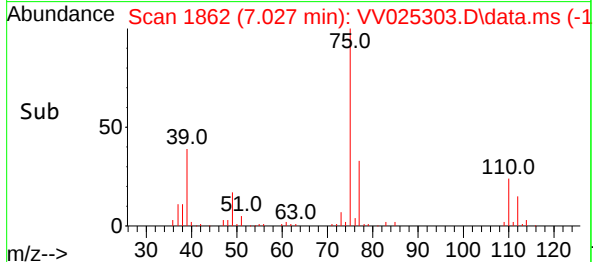
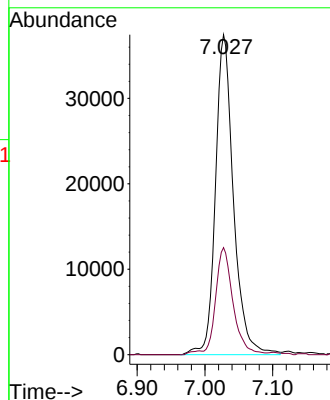
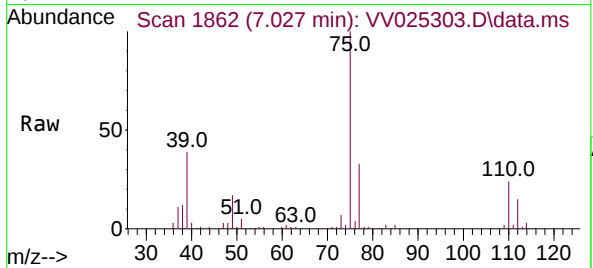
ClientSampleId :

Tgt Ion: 75 Resp: 69183

Ion Ratio Lower Upper

75 100

77 33.5 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 59.987 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VV025303.D

Acq: 29 Mar 2022 19:11

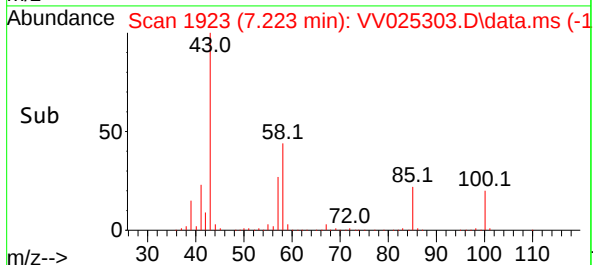
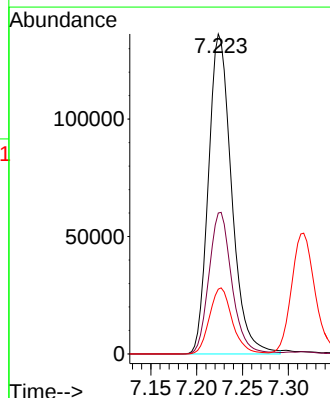
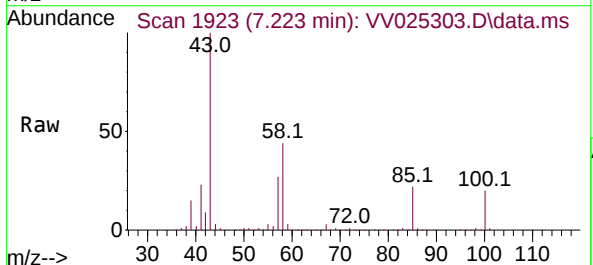
Tgt Ion: 43 Resp: 239360

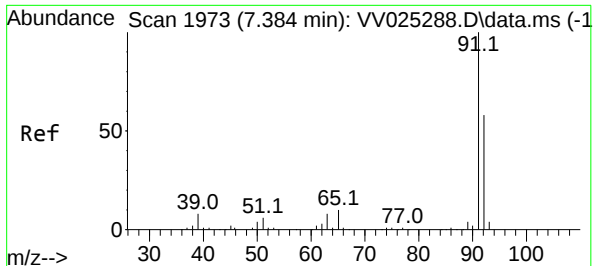
Ion Ratio Lower Upper

43 100

58 43.9 35.1 52.7

100 20.4 15.5 23.3





#42

Toluene

Concen: 5.612 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV025303.D

Acq: 29 Mar 2022 19:11

Instrument :

MSVOA_V

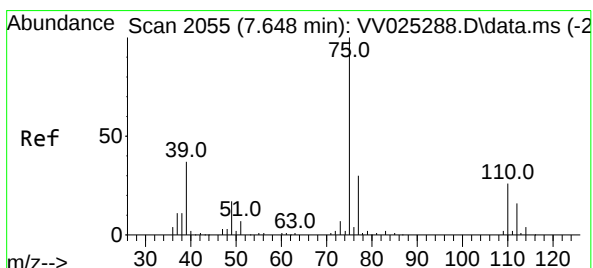
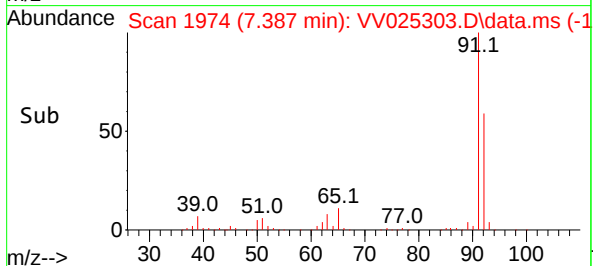
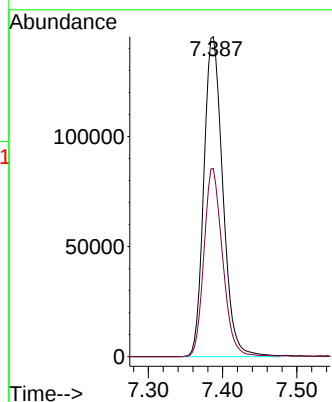
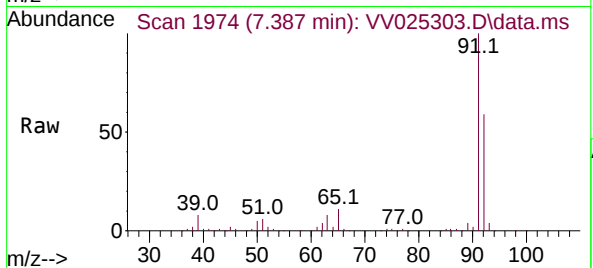
ClientSampleId :

Tgt Ion: 91 Resp: 258101

Ion Ratio Lower Upper

91 100

92 58.8 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 5.474 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.003 min

Lab File: VV025303.D

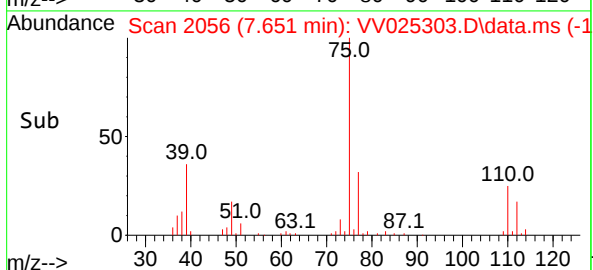
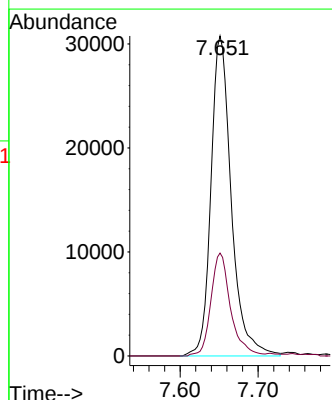
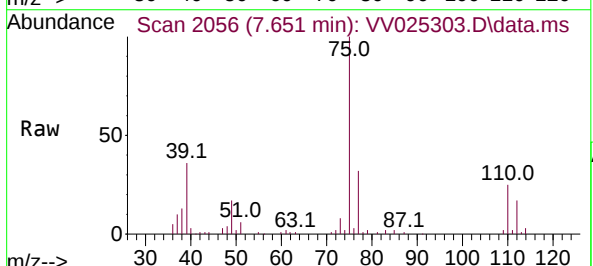
Acq: 29 Mar 2022 19:11

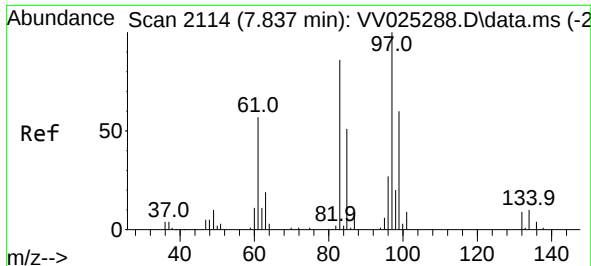
Tgt Ion: 75 Resp: 55761

Ion Ratio Lower Upper

75 100

77 32.2 24.2 45.0

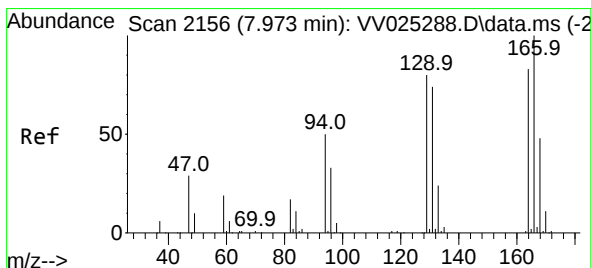
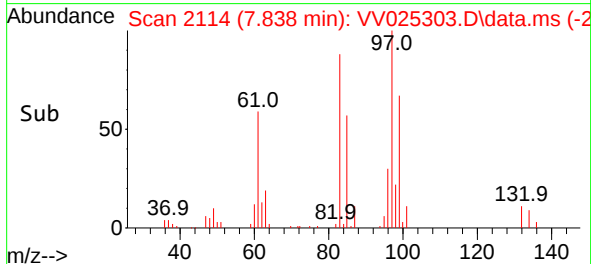
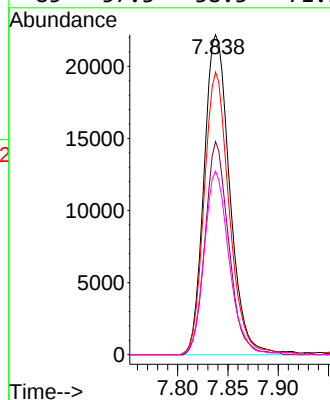
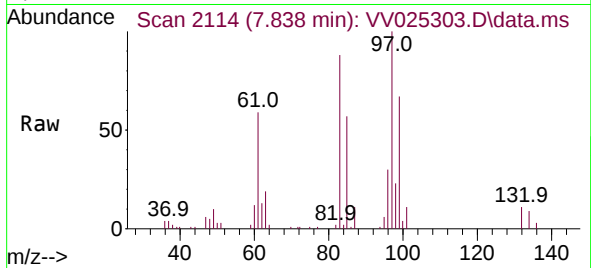




#45
1,1,2-Trichloroethane
Concen: 5.755 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VV025303.D
Acq: 29 Mar 2022 19:11

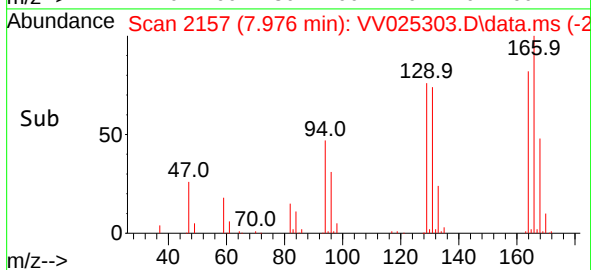
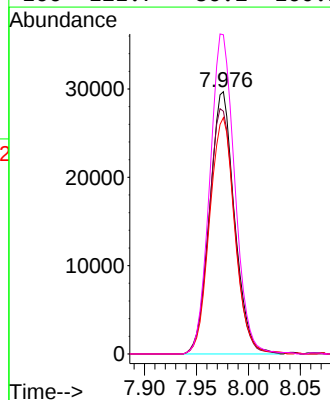
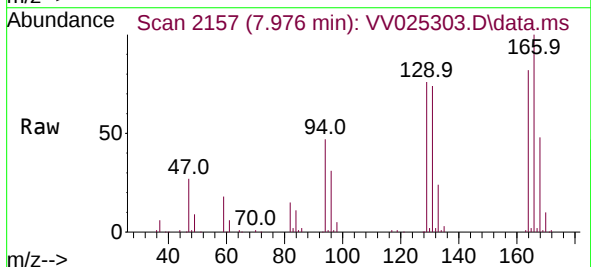
Instrument :
MSVOA_V
ClientSampleId :

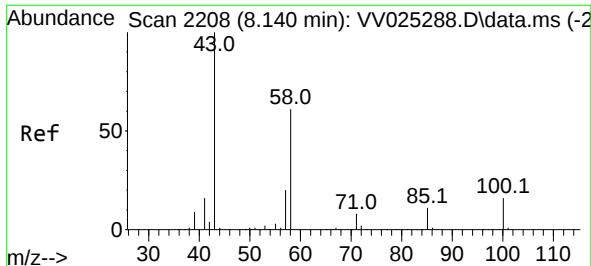
Tgt Ion:	97	Resp:	39379
Ion	Ratio	Lower	Upper
97	100		
99	66.6	43.3	80.5
83	88.3	58.0	107.6
85	57.3	38.3	71.1



#47
Tetrachloroethene
Concen: 5.660 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV025303.D
Acq: 29 Mar 2022 19:11

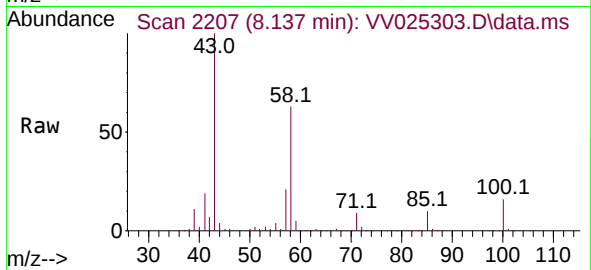
Tgt Ion:	164	Resp:	49375
Ion	Ratio	Lower	Upper
164	100		
129	92.6	67.5	125.4
131	90.1	68.0	126.4
166	121.7	86.2	160.2



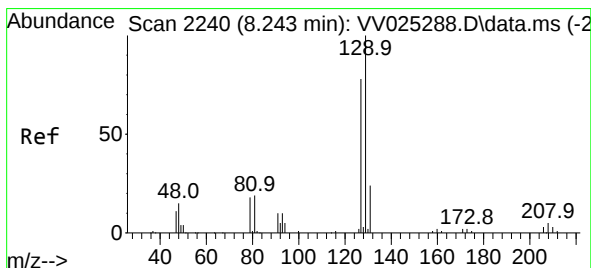
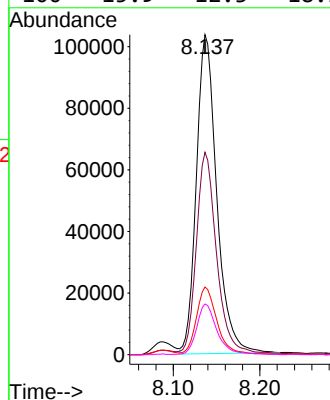
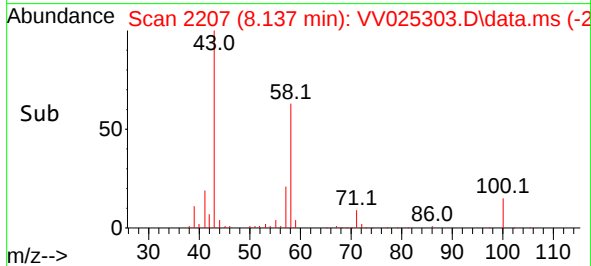


#48
2-Hexanone
Concen: 59.439 ug/L
RT: 8.137 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV025303.D
Acq: 29 Mar 2022 19:11

Instrument :
MSVOA_V
ClientSampleId :

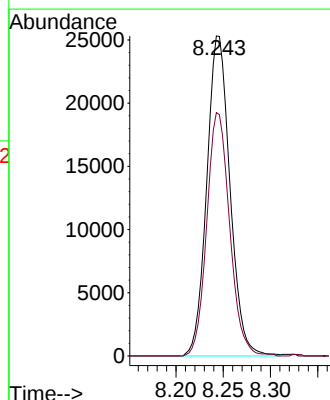
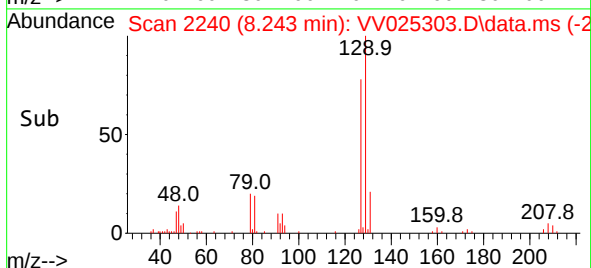
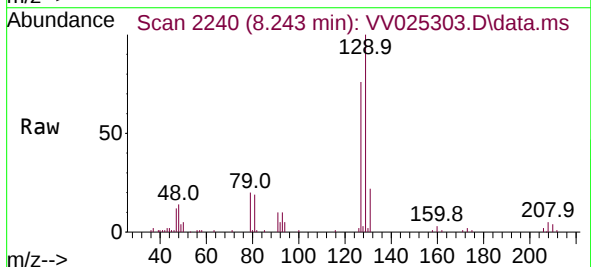


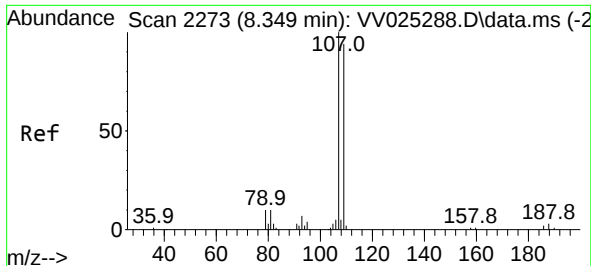
Tgt Ion: 43	Resp: 169630
Ion Ratio	Lower Upper
43 100	
58 63.6	48.5 72.7
57 21.3	16.9 25.3
100 15.9	12.3 18.5



#49
Dibromochloromethane
Concen: 5.875 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV025303.D
Acq: 29 Mar 2022 19:11

Tgt Ion:129	Resp:	43260	
Ion	Ratio	Lower	Upper
129	100		
127	76.1	54.1	100.5





#50

1,2-Dibromoethane

Concen: 5.807 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV025303.D

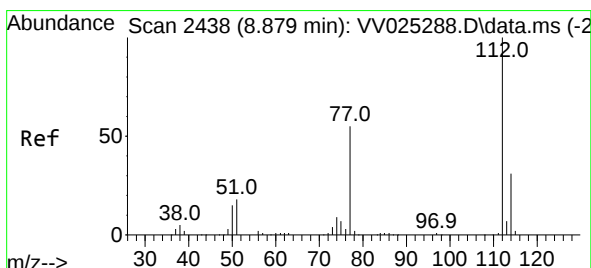
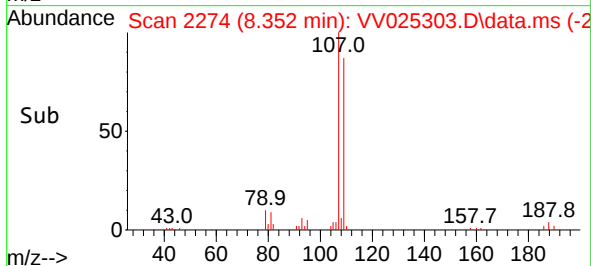
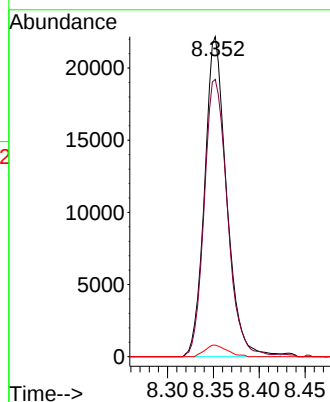
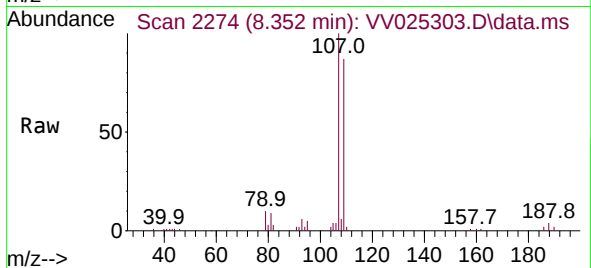
Acq: 29 Mar 2022 19:11

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	37019
Ion	Ratio	Lower	Upper
107	100		
109	86.7	64.7	120.1
188	3.6	2.2	3.4#



#51

Chlorobenzene

Concen: 5.434 ug/L

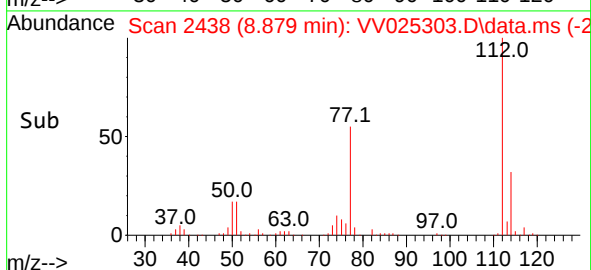
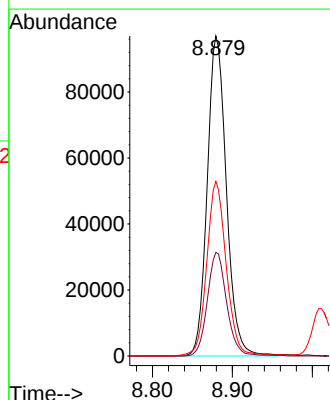
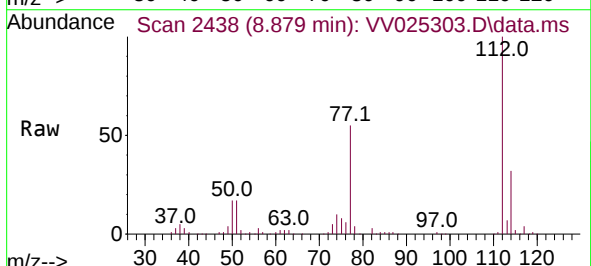
RT: 8.879 min Scan# 2438

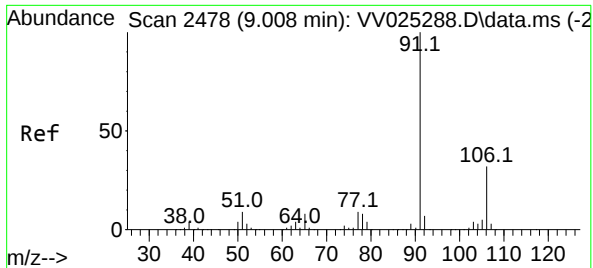
Delta R.T. 0.000 min

Lab File: VV025303.D

Acq: 29 Mar 2022 19:11

Tgt Ion:	112	Resp:	161395
Ion	Ratio	Lower	Upper
112	100		
114	32.3	21.9	40.7
77	54.5	44.2	66.4

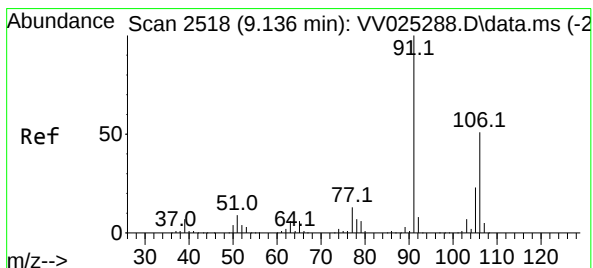
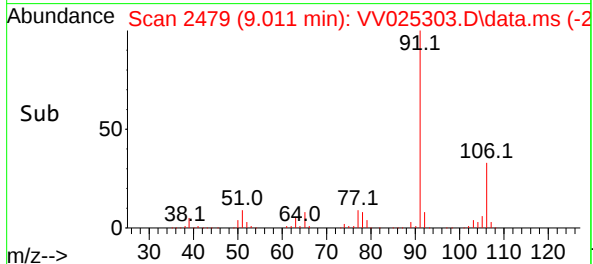
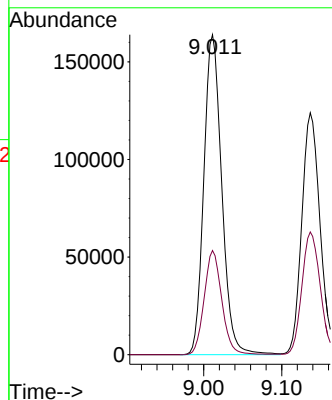
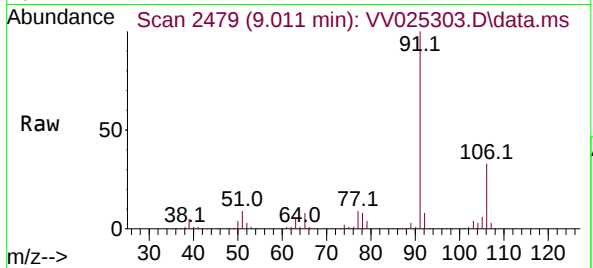




#52
Ethylbenzene
Concen: 5.371 ug/L
RT: 9.011 min Scan# 2478
Delta R.T. 0.003 min
Lab File: VV025303.D
Acq: 29 Mar 2022 19:11

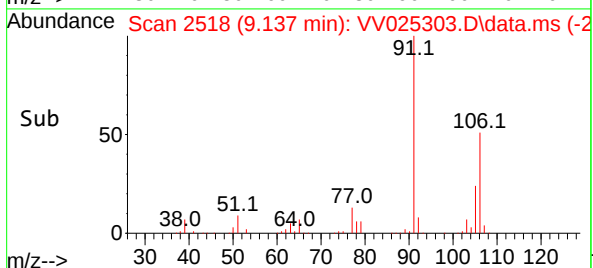
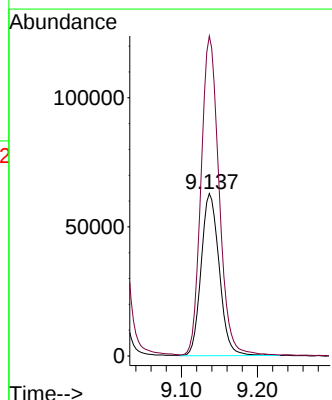
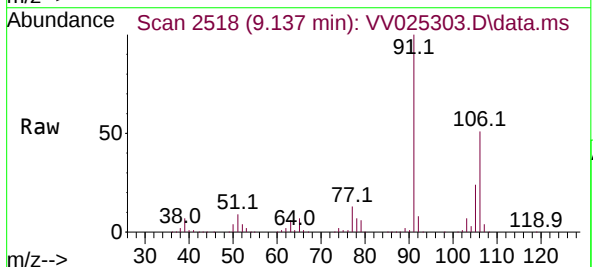
Instrument :
MSVOA_V
ClientSampleId :

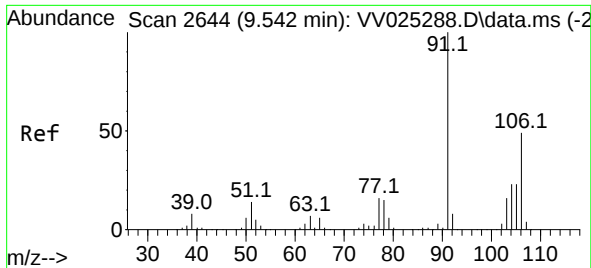
Tgt Ion: 91 Resp: 262017
Ion Ratio Lower Upper
91 100
106 32.5 21.7 40.3



#53
m,p-Xylene
Concen: 5.474 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV025303.D
Acq: 29 Mar 2022 19:11

Tgt Ion: 106 Resp: 103856
Ion Ratio Lower Upper
106 100
91 197.1 136.8 254.0

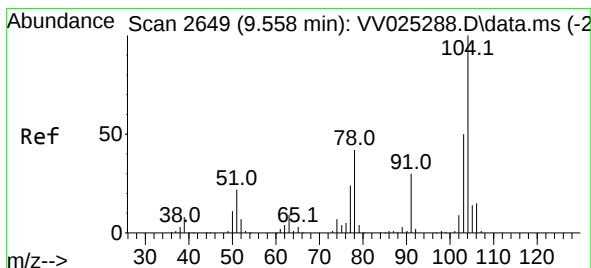
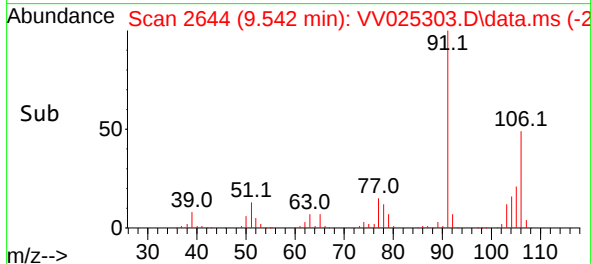
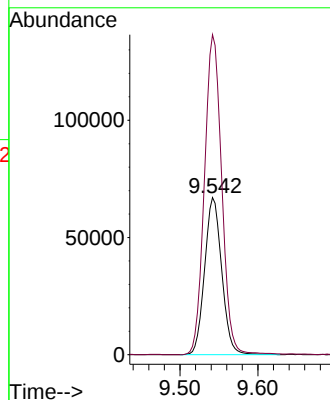
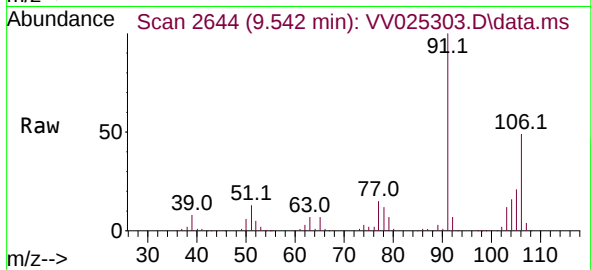




#54
o-Xylene
Concen: 5.635 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV025303.D
Acq: 29 Mar 2022 19:11

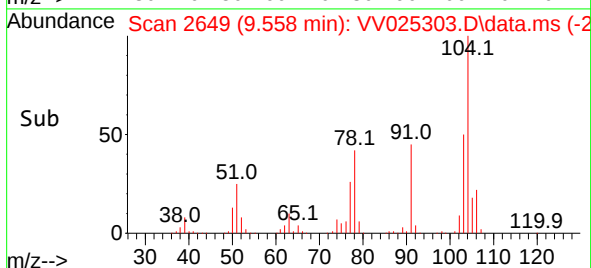
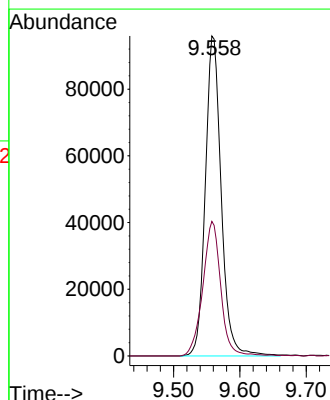
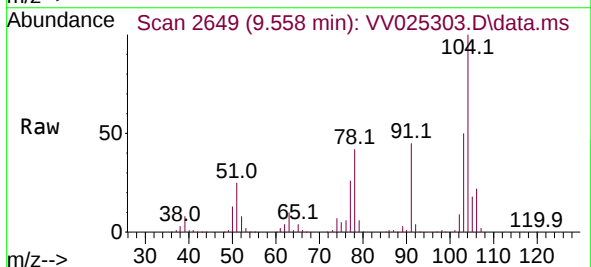
Instrument :
MSVOA_V
ClientSampleId :

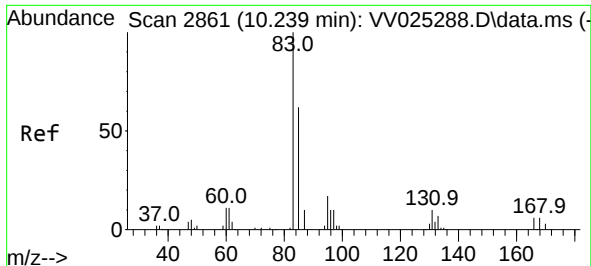
Tgt Ion:106 Resp: 102202
Ion Ratio Lower Upper
106 100
91 203.7 143.0 265.6



#55
Styrene
Concen: 5.351 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV025303.D
Acq: 29 Mar 2022 19:11

Tgt Ion:104 Resp: 159576
Ion Ratio Lower Upper
104 100
78 42.0 30.1 55.9





#57

1,1,2,2-Tetrachloroethane

Concen: 5.813 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. 0.000 min

Lab File: VV025303.D

Acq: 29 Mar 2022 19:11

Instrument :

MSVOA_V

ClientSampleId :

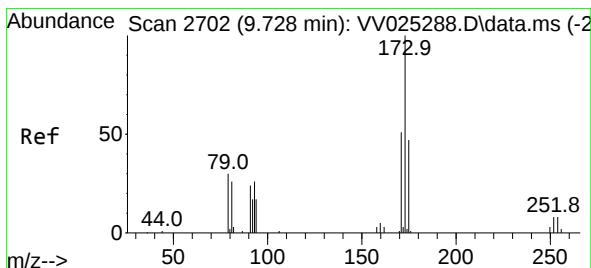
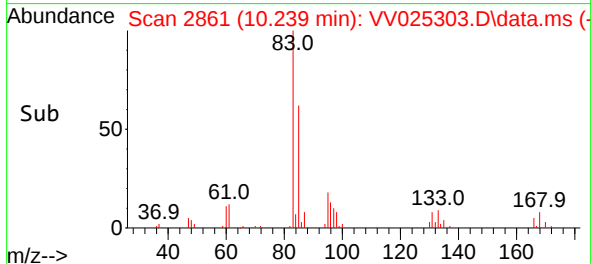
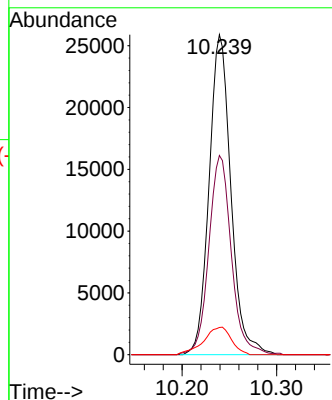
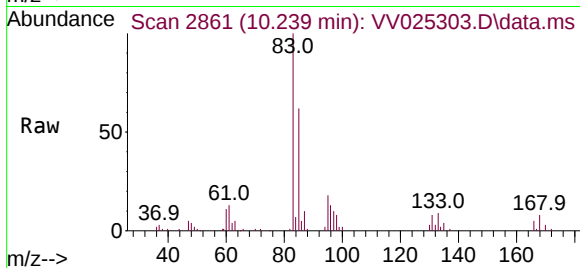
Tgt Ion: 83 Resp: 41467

Ion Ratio Lower Upper

83 100

85 62.3 46.2 85.8

131 8.5 8.1 12.1



#59

Bromoform

Concen: 6.297 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. 0.003 min

Lab File: VV025303.D

Acq: 29 Mar 2022 19:11

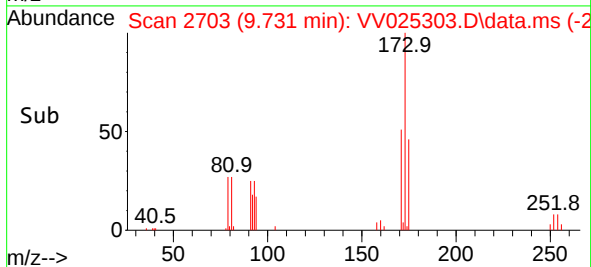
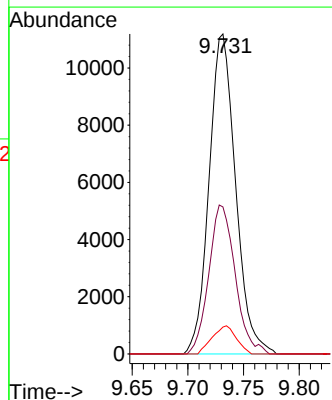
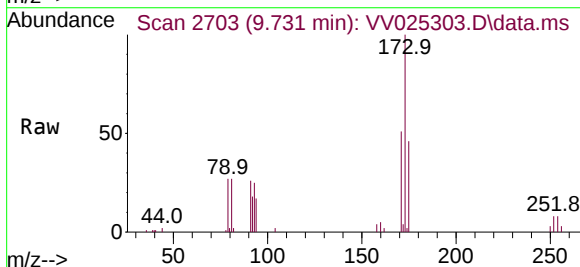
Tgt Ion: 173 Resp: 18532

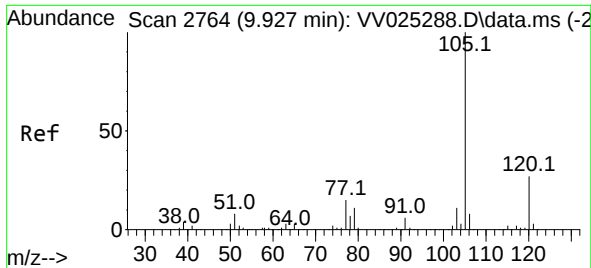
Ion Ratio Lower Upper

173 100

175 46.3 39.4 59.0

254 8.0 5.6 8.4

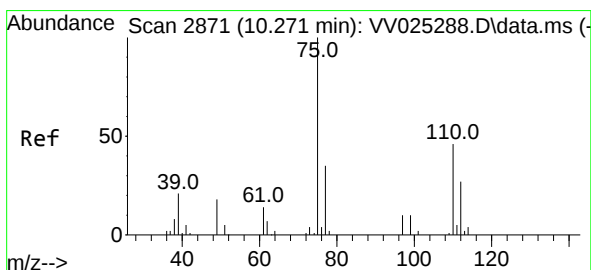
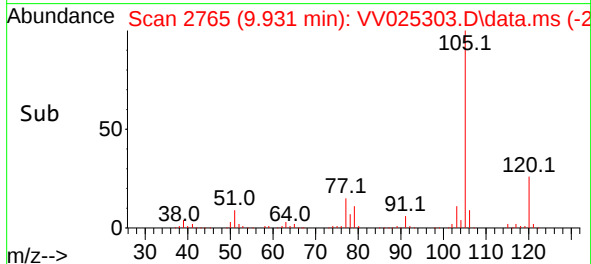
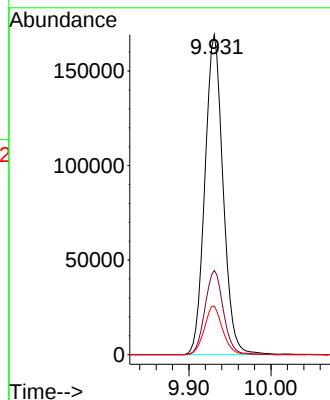
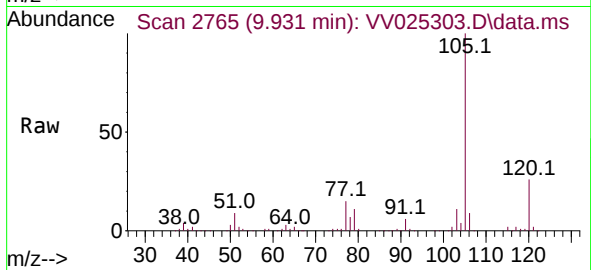




#60
Isopropylbenzene
Concen: 5.458 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV025303.D
Acq: 29 Mar 2022 19:11

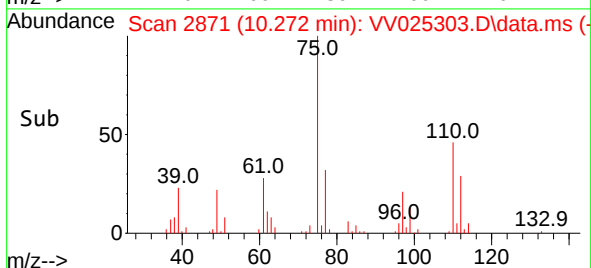
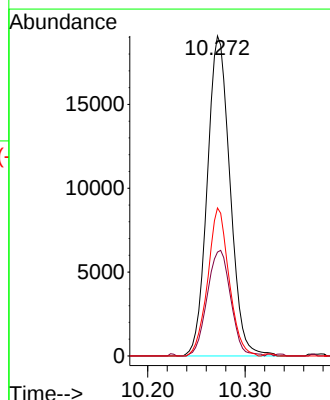
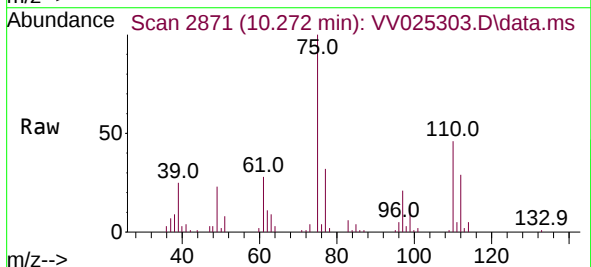
Instrument :
MSVOA_V
ClientSampleId :

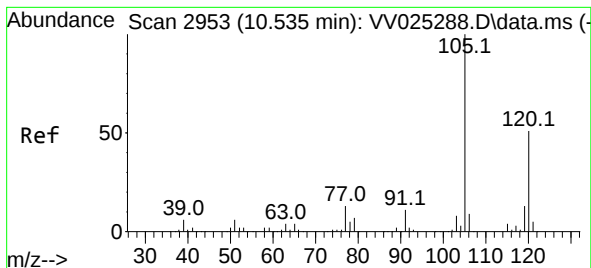
Tgt Ion:105 Resp: 260653
Ion Ratio Lower Upper
105 100
120 26.6 21.1 31.7
77 15.3 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 5.684 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV025303.D
Acq: 29 Mar 2022 19:11

Tgt Ion: 75 Resp: 30969
Ion Ratio Lower Upper
75 100
77 34.1 25.8 38.6
110 43.3 31.6 47.4





#62

1,3,5-Trimethylbenzene

Concen: 5.116 ug/L

RT: 10.538 min Scan# 2953

Delta R.T. 0.003 min

Lab File: VV025303.D

Acq: 29 Mar 2022 19:11

Instrument :

MSVOA_V

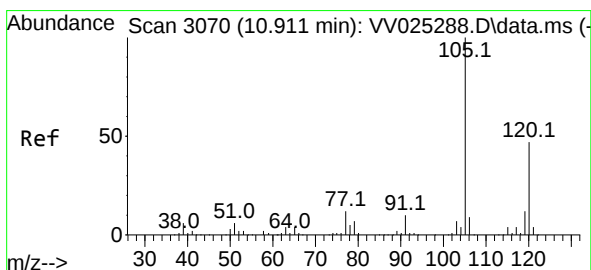
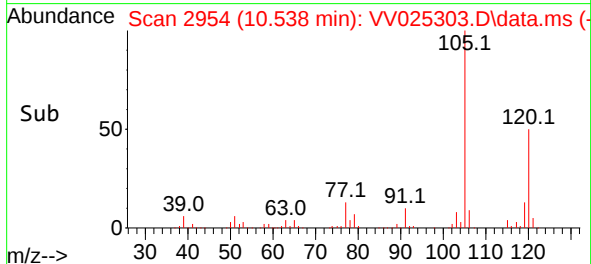
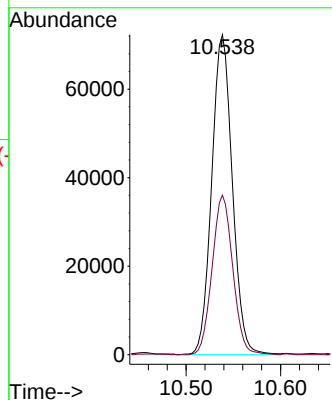
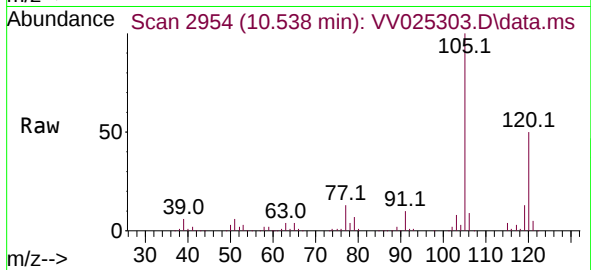
ClientSampleId :

Tgt Ion:105 Resp: 109553

Ion Ratio Lower Upper

105 100

120 49.8 39.7 59.5



#63

1,2,4-Trimethylbenzene

Concen: 5.198 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.000 min

Lab File: VV025303.D

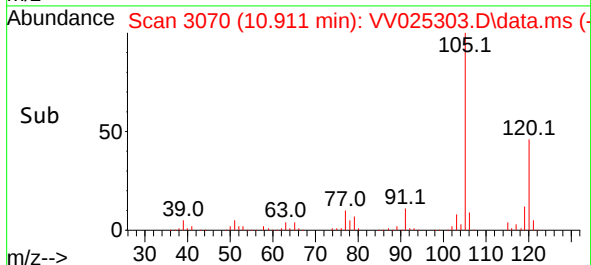
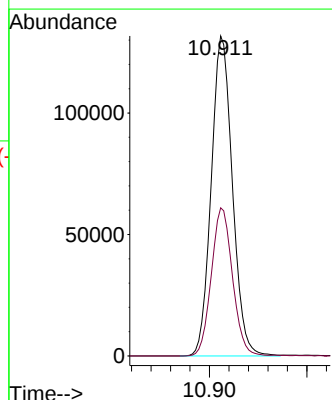
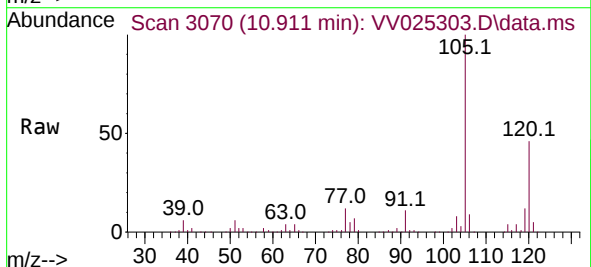
Acq: 29 Mar 2022 19:11

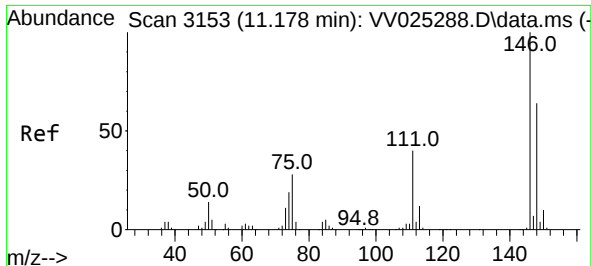
Tgt Ion:105 Resp: 198591

Ion Ratio Lower Upper

105 100

120 46.4 36.5 54.7

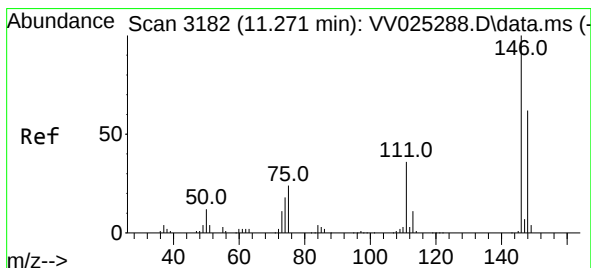
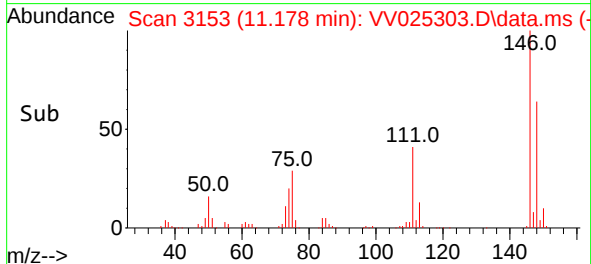
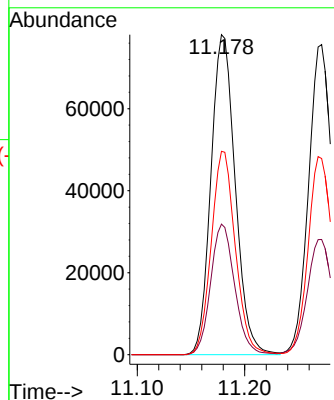
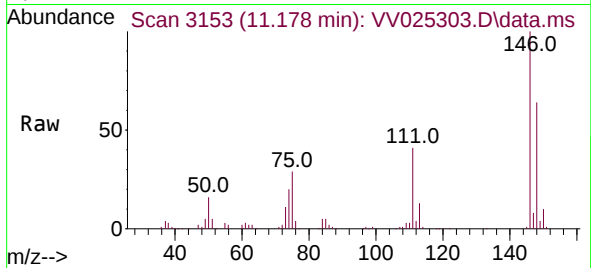




#64
1,3-Dichlorobenzene
Concen: 5.484 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV025303.D
Acq: 29 Mar 2022 19:11

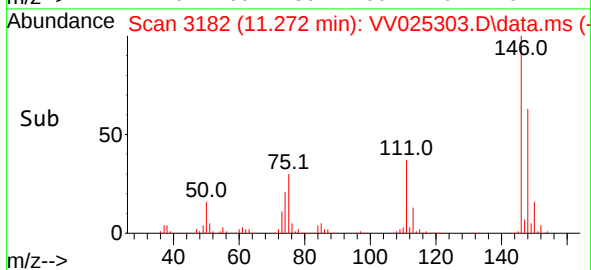
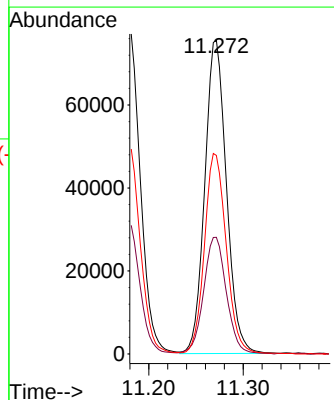
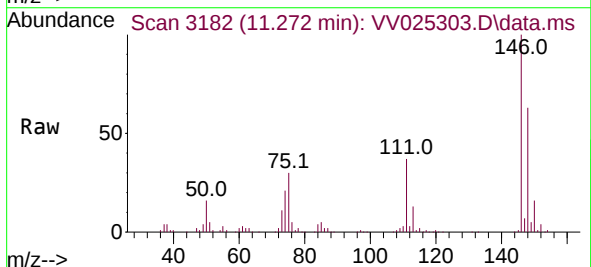
Instrument :
MSVOA_V
ClientSampleId :

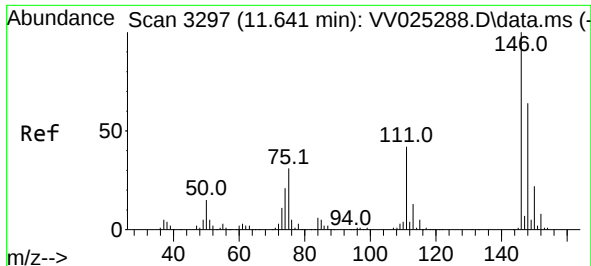
Tgt Ion:146 Resp: 122645
Ion Ratio Lower Upper
146 100
111 40.8 29.0 53.8
148 63.6 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 5.364 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV025303.D
Acq: 29 Mar 2022 19:11

Tgt Ion:146 Resp: 120137
Ion Ratio Lower Upper
146 100
111 37.2 27.9 51.9
148 63.2 45.6 84.8

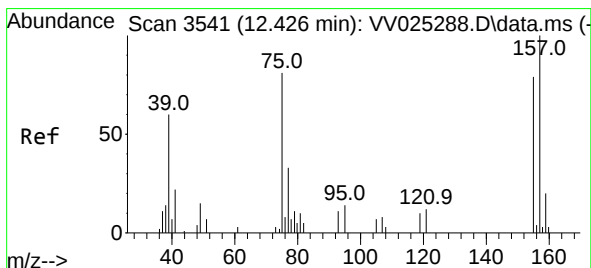
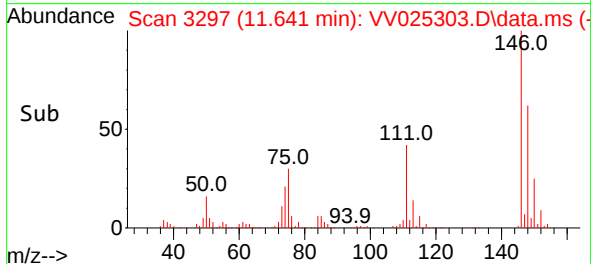
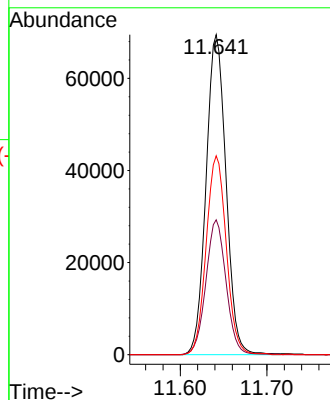
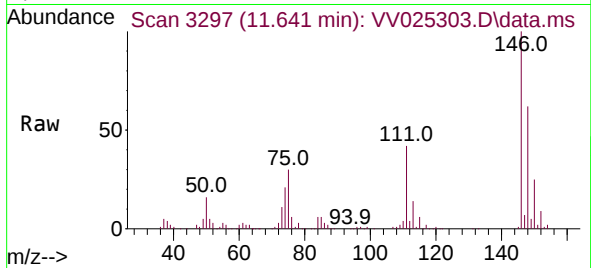




#67
1,2-Dichlorobenzene
Concen: 5.656 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. 0.000 min
Lab File: VV025303.D
Acq: 29 Mar 2022 19:11

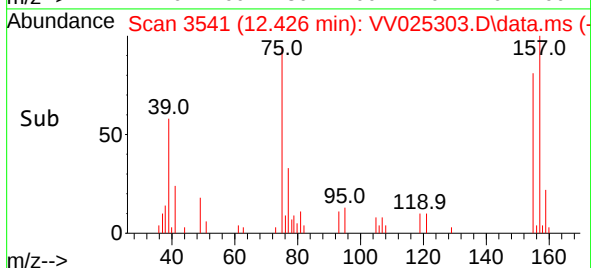
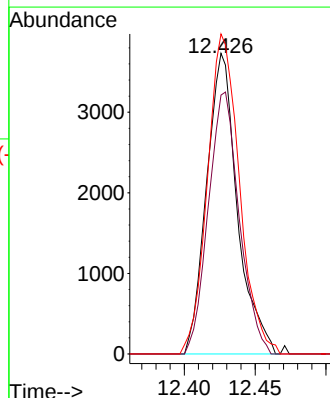
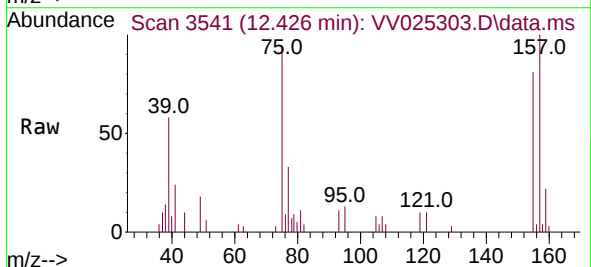
Instrument :
MSVOA_V
ClientSampleId :

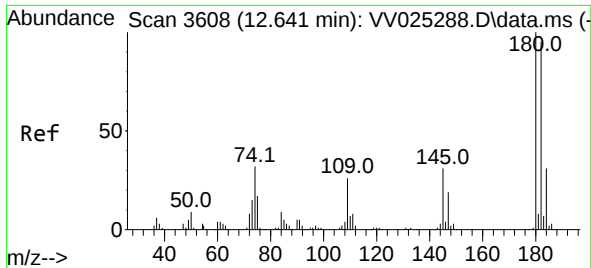
Tgt Ion:146 Resp: 111320
Ion Ratio Lower Upper
146 100
111 42.1 33.0 49.6
148 62.2 49.3 73.9



#68
1,2-Dibromo-3-chloropropane
Concen: 5.775 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. 0.000 min
Lab File: VV025303.D
Acq: 29 Mar 2022 19:11

Tgt Ion: 75 Resp: 5633
Ion Ratio Lower Upper
75 100
155 86.1 80.0 120.0
157 106.4 94.5 141.7





#69

1,3,5-Trichlorobenzene

Concen: 5.131 ug/L

RT: 12.641 min Scan# 3608

Delta R.T. 0.000 min

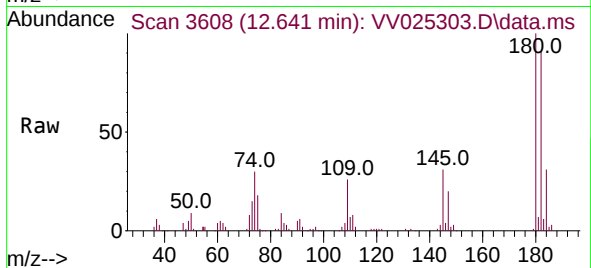
Lab File: VV025303.D

Acq: 29 Mar 2022 19:11

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 82782

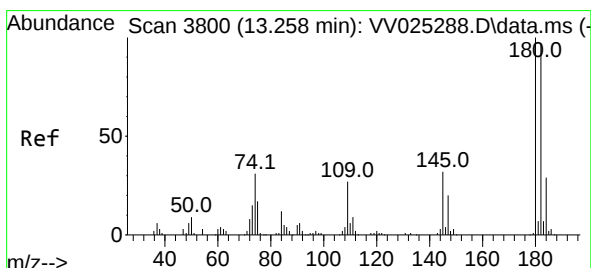
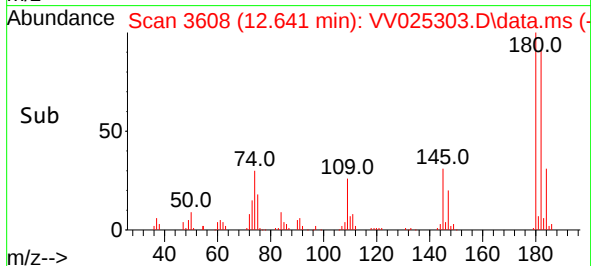
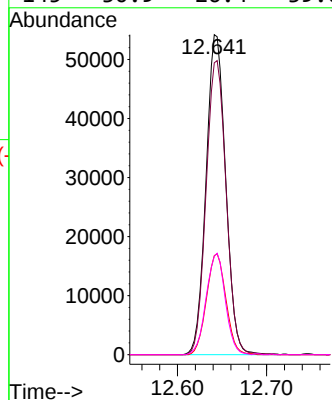
Ion Ratio Lower Upper

180 100

182 93.8 77.1 115.7

184 31.3 23.6 35.4

145 30.9 26.4 39.6



#70

1,2,4-trichlorobenzene

Concen: 5.328 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV025303.D

Acq: 29 Mar 2022 19:11

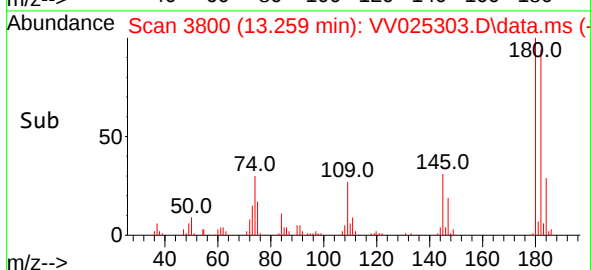
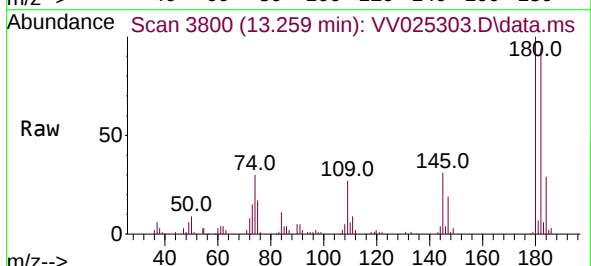
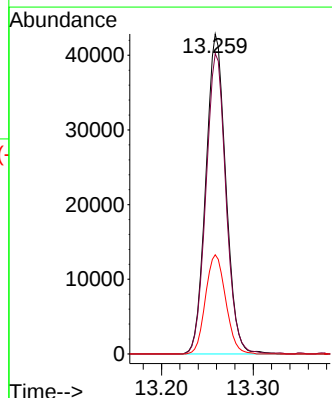
Tgt Ion:180 Resp: 64856

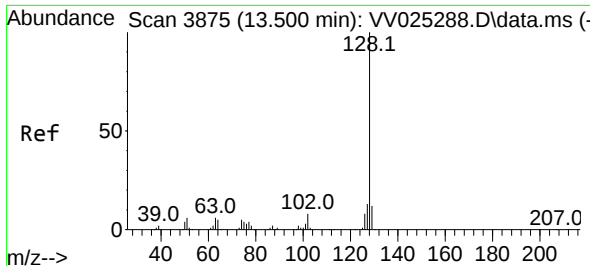
Ion Ratio Lower Upper

180 100

182 94.0 77.5 116.3

145 31.3 26.2 39.4

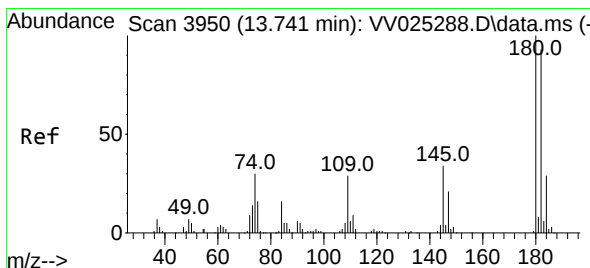
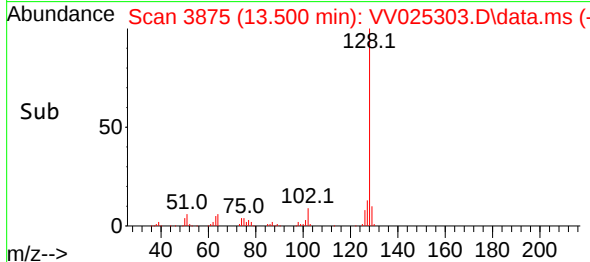
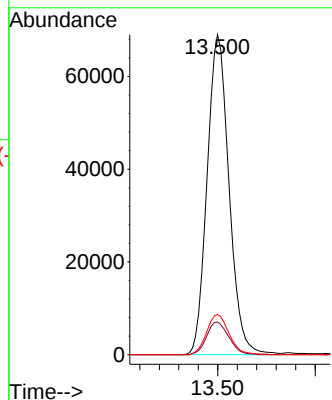
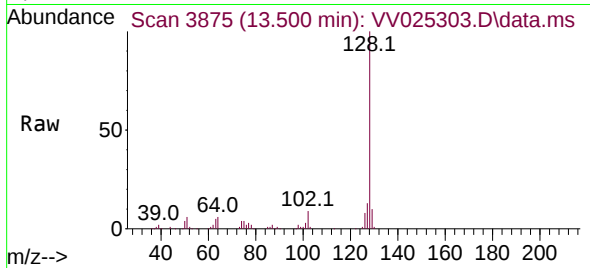




#71
Naphthalene
Concen: 5.685 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV025303.D
Acq: 29 Mar 2022 19:11

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 107843
Ion Ratio Lower Upper
128 100
129 10.3 8.8 13.2
127 12.9 10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 5.525 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV025303.D
Acq: 29 Mar 2022 19:11

Tgt Ion:180 Resp: 57947
Ion Ratio Lower Upper
180 100
182 93.2 75.8 113.6
145 33.9 28.6 42.8

