

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW083022\
 Data File : VW027599.D
 Acq On : 30 Aug 2022 20:33
 Operator : SY/MD
 Sample : N4418-02MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBVD1MS

Quant Time: Aug 31 04:51:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 31 04:45:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	151926	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	150885	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	78299	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	53347	4.934	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.600%
7) Chloroethane-d5	1.565	69	42782	5.406	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.200%
11) 1,1-Dichloroethene-d2	2.108	63	102826	4.078	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.600%
20) 2-Butanone-d5	3.889	46	81764	60.763	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.520%
24) Chloroform-d	4.346	84	107194	4.958	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
26) 1,2-Dichloroethane-d4	5.034	65	50856	5.437	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.800%
32) Benzene-d6	5.047	84	200874	4.806	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
36) 1,2-Dichloropropane-d6	6.069	67	60109	4.947	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.000%
41) Toluene-d8	7.313	98	180408	4.781	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
43) trans-1,3-Dichloroprop...	7.625	79	17680	4.250	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.000%
46) 2-Hexanone-d5	8.088	63	78321	57.190	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.380%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	44314	5.727	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	55997	4.824	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	69443	4.308	ug/L	99
3) Chloromethane	1.240	50	66870	4.750	ug/L	99
5) Vinyl chloride	1.310	62	69375	4.895	ug/L	96
6) Bromomethane	1.519	94	25970	3.706	ug/L	100
8) Chloroethane	1.581	64	42620	5.146	ug/L	99
9) Trichlorofluoromethane	1.751	101	107549	4.777	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	55554	4.371	ug/L	96
12) 1,1-Dichloroethene	2.114	96	48260	4.198	ug/L	88
13) Acetone	2.169	43	60060	46.737	ug/L	99
14) Carbon disulfide	2.291	76	119658	3.793	ug/L	99
15) Methyl Acetate	2.433	43	9442	2.653	ug/L	98
16) Methylene chloride	2.503	84	62216	3.590	ug/L	97
17) Methyl tert-butyl Ether	2.767	73	115810	4.869	ug/L	95
18) trans-1,2-Dichloroethene	2.757	96	54063	4.565	ug/L	95
19) 1,1-Dichloroethane	3.185	63	120301	4.907	ug/L	100
21) 2-Butanone	3.970	43	99248	58.033	ug/L	99
22) cis-1,2-Dichloroethene	3.908	96	65872	5.219	ug/L	99
23) Bromochloromethane	4.246	128	26590	4.778	ug/L	95
25) Chloroform	4.371	83	132980	4.988	ug/L	95

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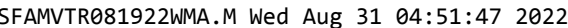
Instrument :
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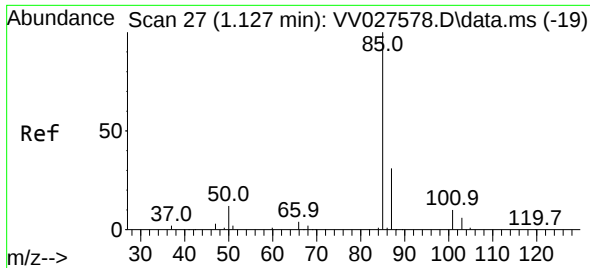
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	71300	5.264	ug/L	98
29) 1,1,1-Trichloroethane	4.603	97	108106	4.668	ug/L	100
30) Cyclohexane	4.674	56	72893	4.100	ug/L	92
31) Carbon tetrachloride	4.825	117	95143	4.724	ug/L	96
33) Benzene	5.098	78	252273	5.029	ug/L	100
34) Trichloroethene	5.912	95	62594	4.741	ug/L	98
35) Methylcyclohexane	6.130	83	74983	4.038	ug/L	99
37) 1,2-Dichloropropane	6.172	63	67602	5.054	ug/L	100
38) Bromodichloromethane	6.510	83	87518	5.161	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	61944	3.841	ug/L	97
40) 4-Methyl-2-pentanone	7.227	43	338834	56.702	ug/L	100
42) Toluene	7.387	91	267322	5.162	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	54949	4.031	ug/L	100
45) 1,1,2-Trichloroethane	7.838	97	47300	5.532	ug/L	94
47) Tetrachloroethene	7.976	164	53586	5.210	ug/L	97
48) 2-Hexanone	8.140	43	251893	58.499	ug/L	97
49) Dibromochloromethane	8.246	129	52471	4.990	ug/L	99
50) 1,2-Dibromoethane	8.352	107	40003	5.360	ug/L	92
51) Chlorobenzene	8.879	112	163854	4.889	ug/L	98
52) Ethylbenzene	9.011	91	249454	4.720	ug/L	100
53) m,p-Xylene	9.137	106	100507	4.969	ug/L	98
54) o-Xylene	9.542	106	93765	4.779	ug/L	99
55) Styrene	9.561	104	66154	1.982	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	53966	5.603	ug/L	100
59) Bromoform	9.731	173	25168	4.796	ug/L	99
60) Isopropylbenzene	9.931	105	251052	4.873	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	38360	5.585	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	65122	4.559	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	185510	4.609	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	127607	5.027	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	126405	4.995	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	118043	5.129	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	7488	4.907	ug/L	99
69) 1,3,5-Trichlorobenzene	12.644	180	87110	4.597	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	61534	4.469	ug/L	99
71) Naphthalene	13.500	128	81296	4.277	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	56065	4.585	ug/L	99

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

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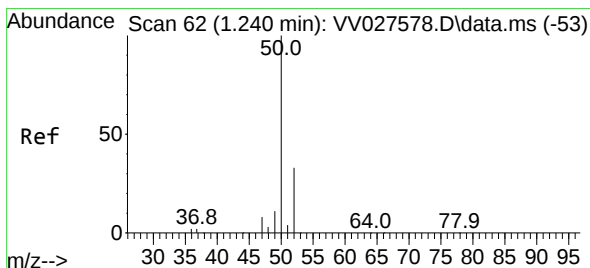
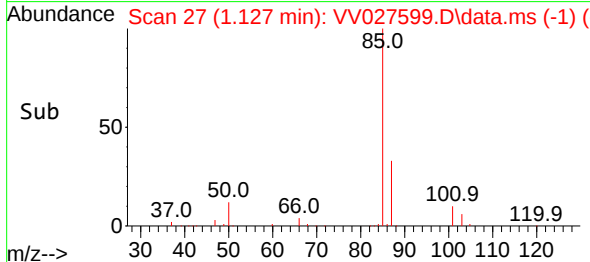
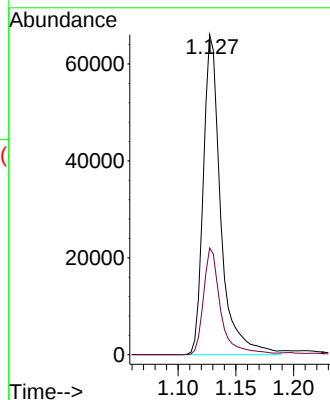
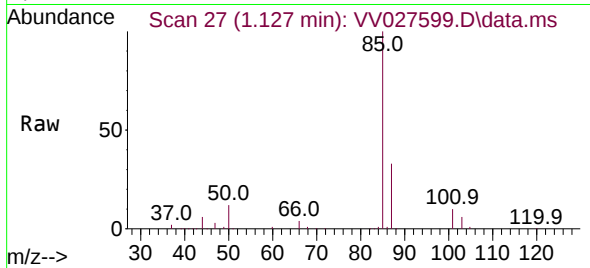




#2
 Dichlorodifluoromethane
 Concen: 4.308 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV027599.D
 Acq: 30 Aug 2022 20:33

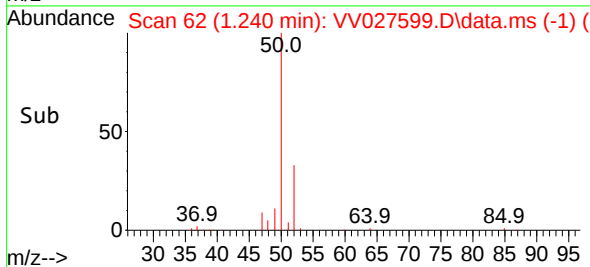
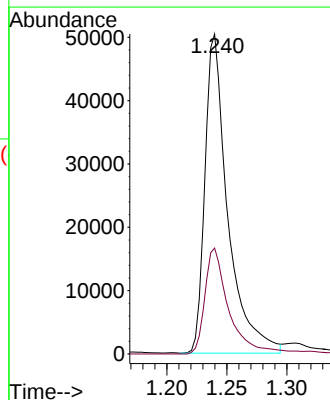
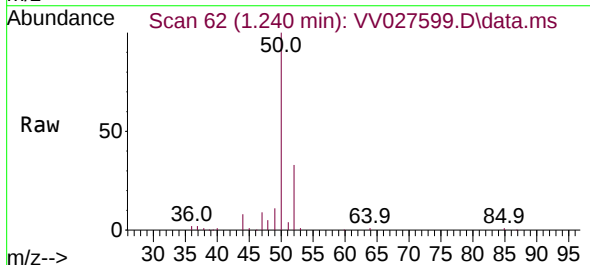
Instrument :
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 ClientSampleId :
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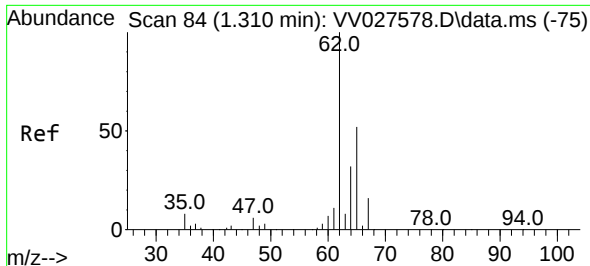
Tgt Ion: 85 Resp: 69443
 Ion Ratio Lower Upper
 85 100
 87 33.0 26.0 39.0



#3
 Chloromethane
 Concen: 4.750 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV027599.D
 Acq: 30 Aug 2022 20:33

Tgt Ion: 50 Resp: 66870
 Ion Ratio Lower Upper
 50 100
 52 33.1 22.8 42.4

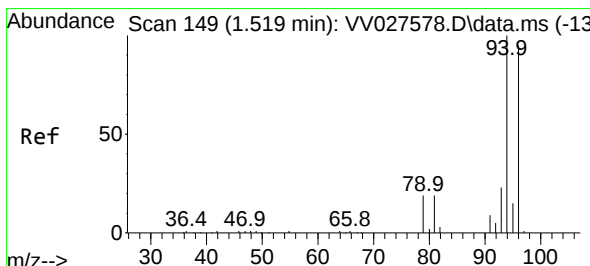
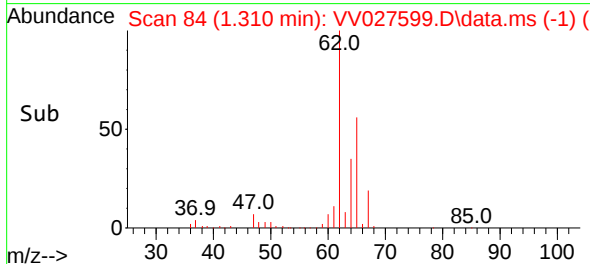
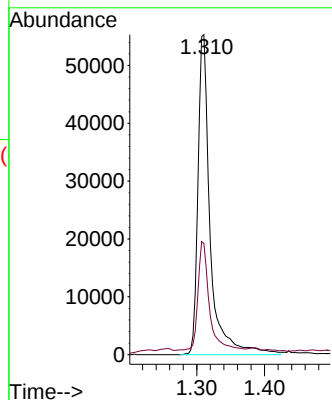
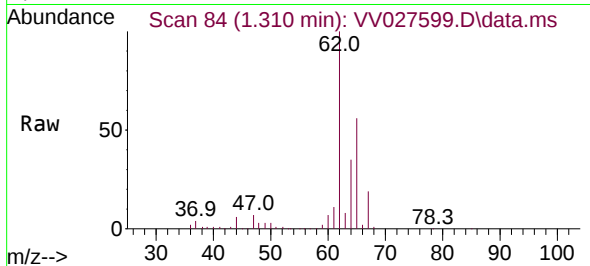




#5
 Vinyl chloride
 Concen: 4.895 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV027599.D
 Acq: 30 Aug 2022 20:33

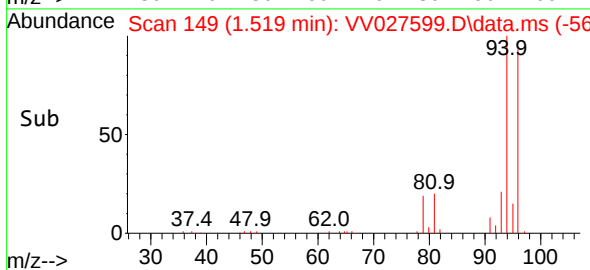
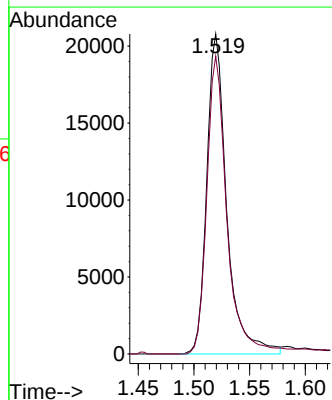
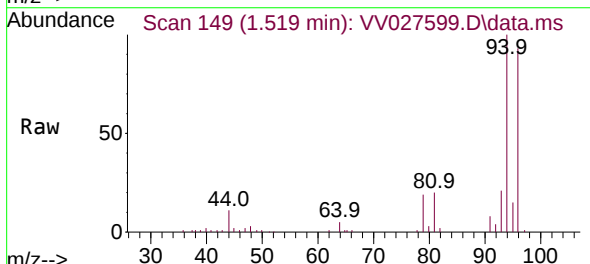
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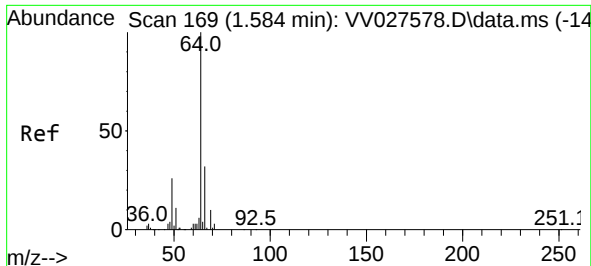
Tgt Ion: 62 Resp: 69375
 Ion Ratio Lower Upper
 62 100
 64 34.8 22.6 42.0



#6
 Bromomethane
 Concen: 3.706 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VV027599.D
 Acq: 30 Aug 2022 20:33

Tgt Ion: 94 Resp: 25970
 Ion Ratio Lower Upper
 94 100
 96 93.1 65.2 121.0

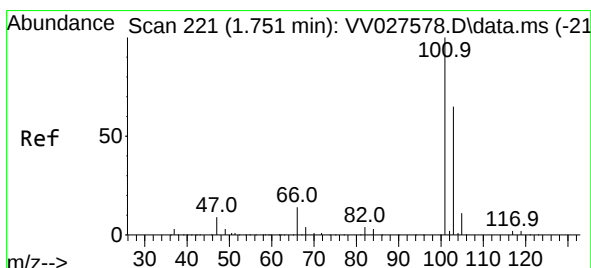
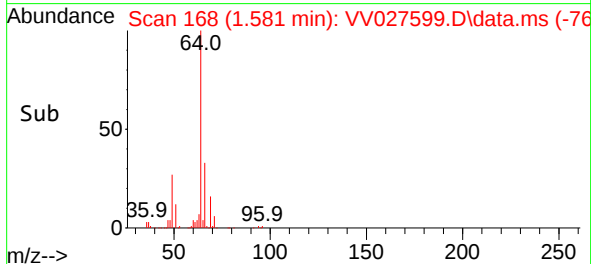
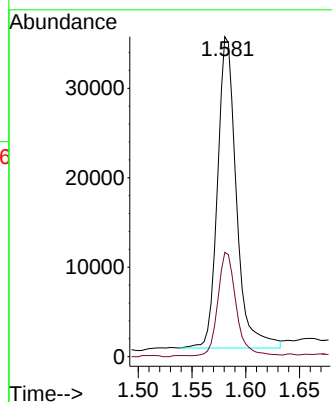
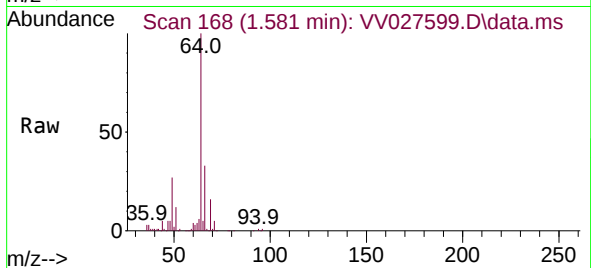




#8
Chloroethane
Concen: 5.146 ug/L
RT: 1.581 min Scan# 168
Delta R.T. -0.003 min
Lab File: VV027599.D
Acq: 30 Aug 2022 20:33

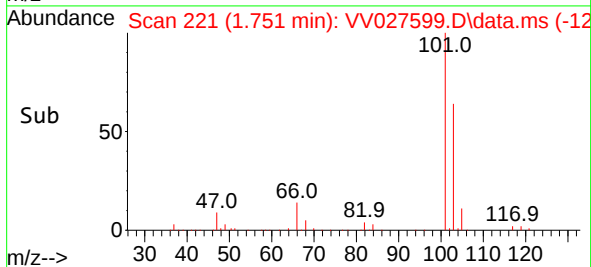
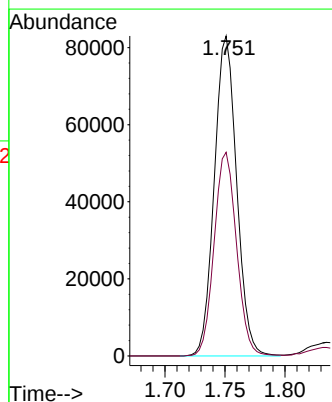
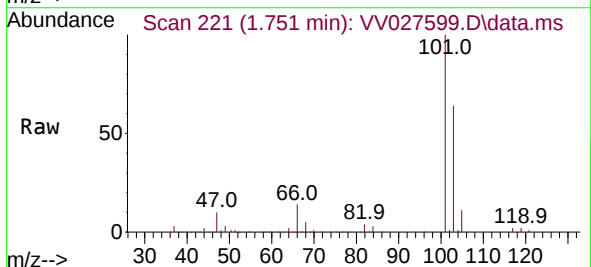
Instrument :
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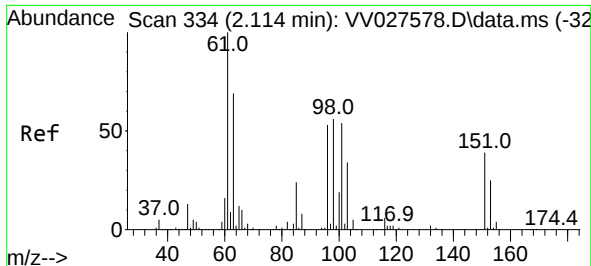
Tgt Ion: 64 Resp: 42620
Ion Ratio Lower Upper
64 100
66 32.6 23.3 43.3



#9
Trichlorofluoromethane
Concen: 4.777 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV027599.D
Acq: 30 Aug 2022 20:33

Tgt Ion:101 Resp: 107549
Ion Ratio Lower Upper
101 100
103 63.8 51.5 77.3

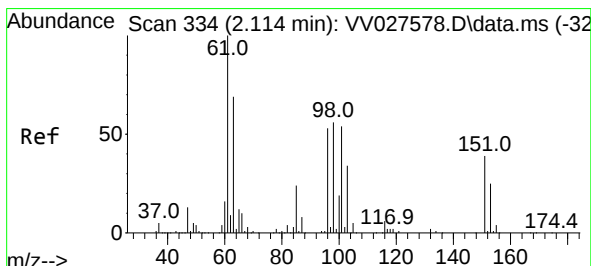
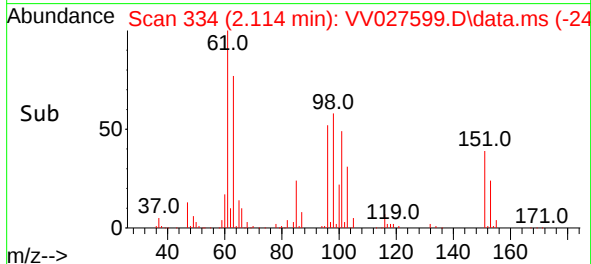
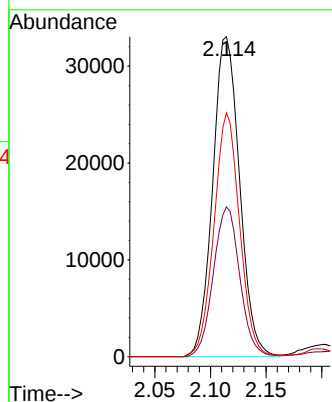
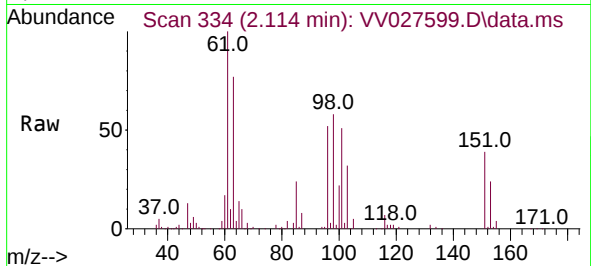




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.371 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV027599.D
 Acq: 30 Aug 2022 20:33

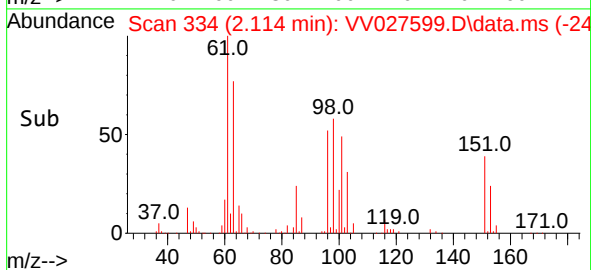
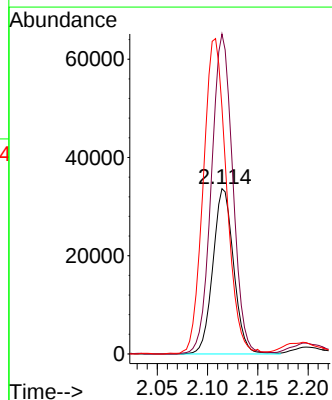
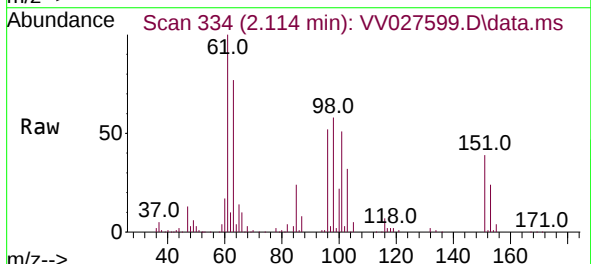
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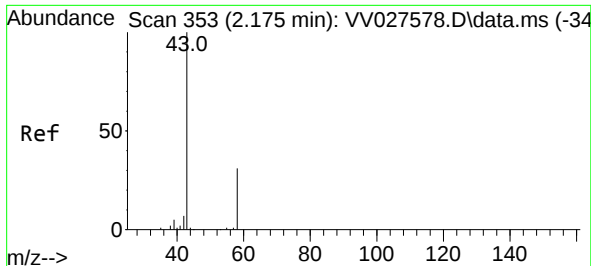
Tgt Ion:101 Resp: 55554
 Ion Ratio Lower Upper
 101 100
 85 45.9 35.3 52.9
 151 72.7 55.2 82.8



#12
 1,1-Dichloroethene
 Concen: 4.198 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV027599.D
 Acq: 30 Aug 2022 20:33

Tgt Ion: 96 Resp: 48260
 Ion Ratio Lower Upper
 96 100
 61 193.5 130.2 241.8
 63 149.1 87.4 162.4





#13

Acetone

Concen: 46.737 ug/L

RT: 2.169 min Scan# 3

Delta R.T. -0.006 min

Lab File: VV027599.D

Acq: 30 Aug 2022 20:33

Instrument :

MSVOA_V

ClientSampleId :

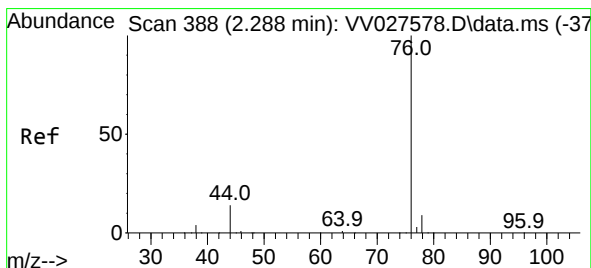
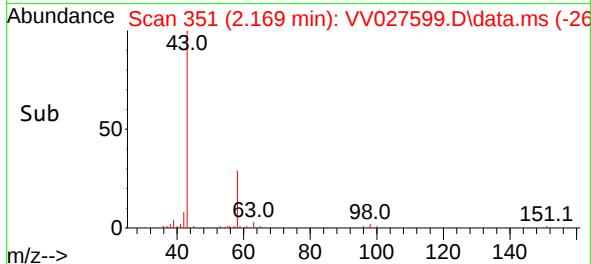
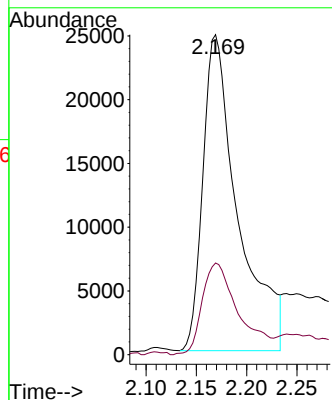
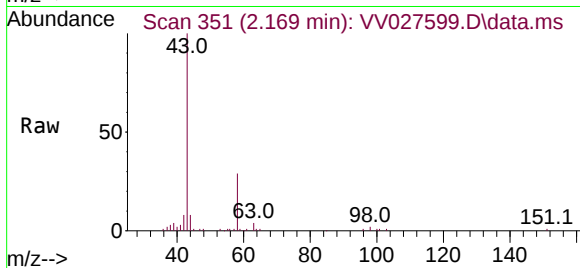
DBVD1MS

Tgt Ion: 43 Resp: 60060

Ion Ratio Lower Upper

43 100

58 30.4 0.0 62.2



#14

Carbon disulfide

Concen: 3.793 ug/L

RT: 2.291 min Scan# 389

Delta R.T. 0.003 min

Lab File: VV027599.D

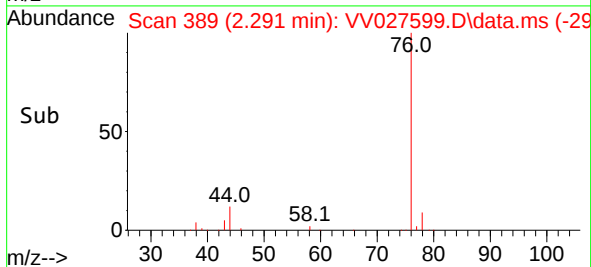
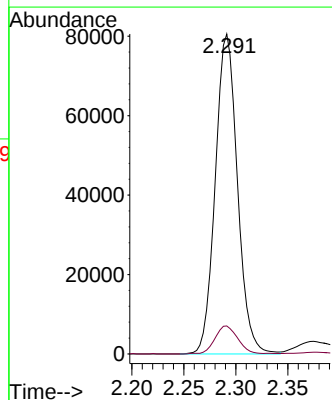
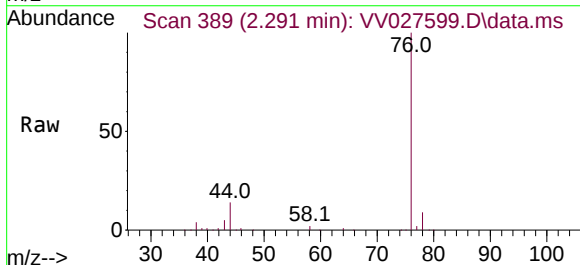
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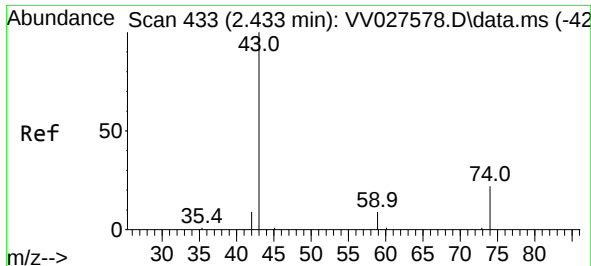
Tgt Ion: 76 Resp: 119658

Ion Ratio Lower Upper

76 100

78 8.7 7.3 10.9

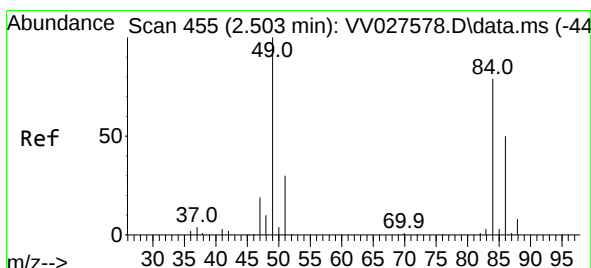
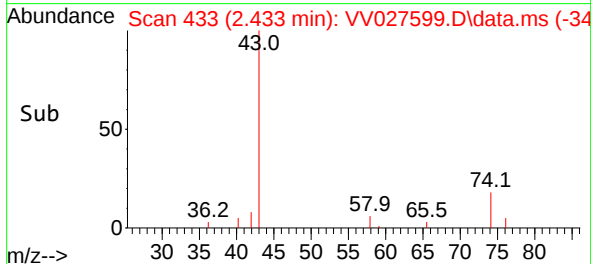
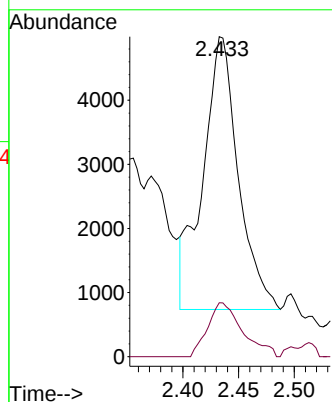
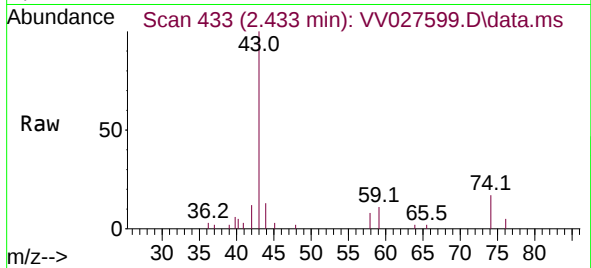




#15
Methyl Acetate
Concen: 2.653 ug/L
RT: 2.433 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV027599.D
Acq: 30 Aug 2022 20:33

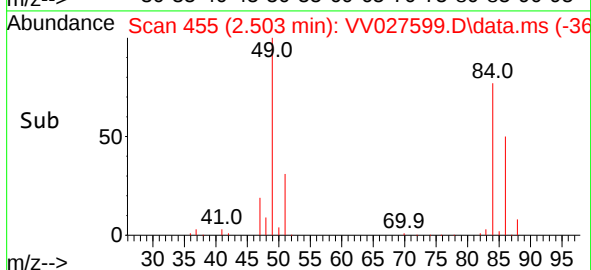
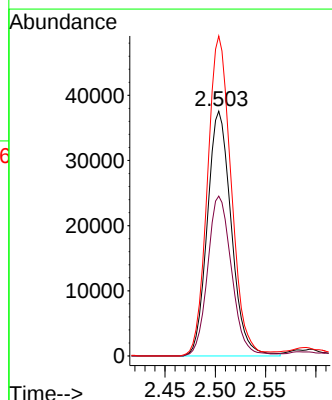
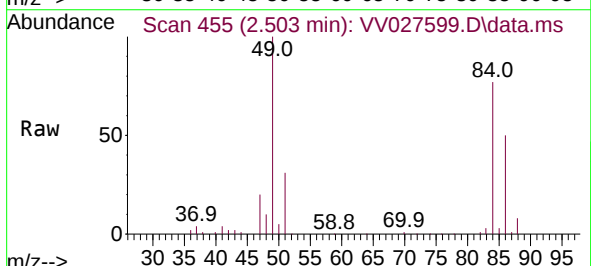
Instrument :
MSVOA_V
ClientSampleId :
DBVD1MS

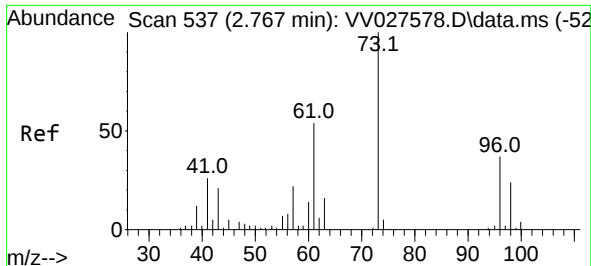
Tgt Ion: 43 Resp: 9442
Ion Ratio Lower Upper
43 100
74 19.4 16.3 24.5



#16
Methylene chloride
Concen: 3.590 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV027599.D
Acq: 30 Aug 2022 20:33

Tgt Ion: 84 Resp: 62216
Ion Ratio Lower Upper
84 100
86 65.3 44.0 81.6
49 130.7 89.4 166.0

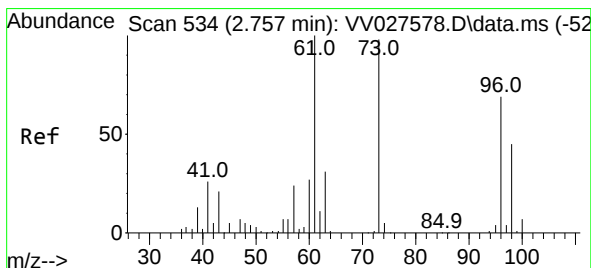
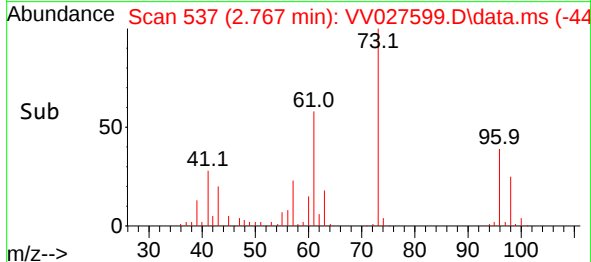
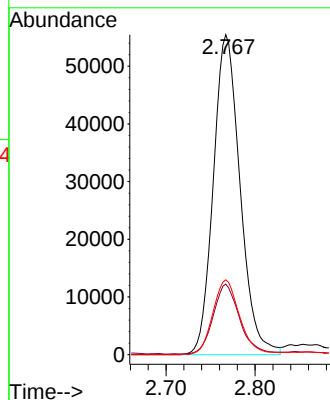
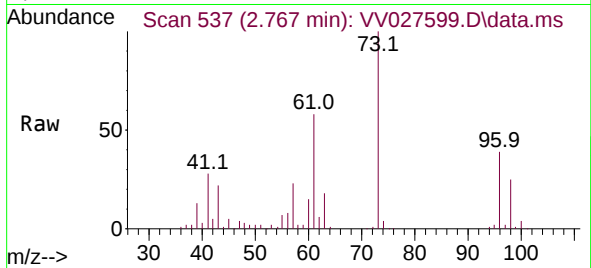




#17
Methyl tert-butyl Ether
Concen: 4.869 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV027599.D
Acq: 30 Aug 2022 20:33

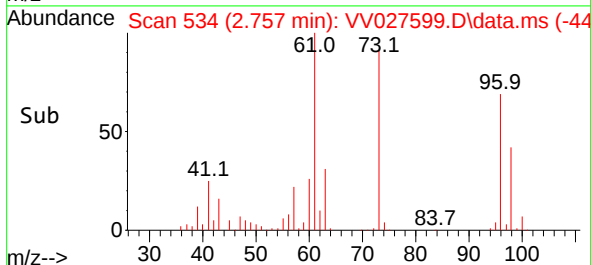
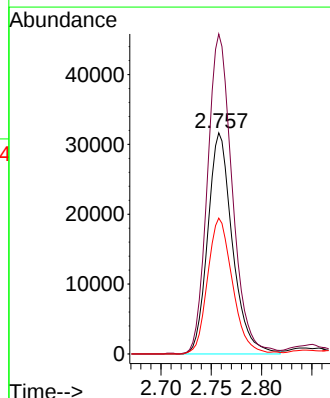
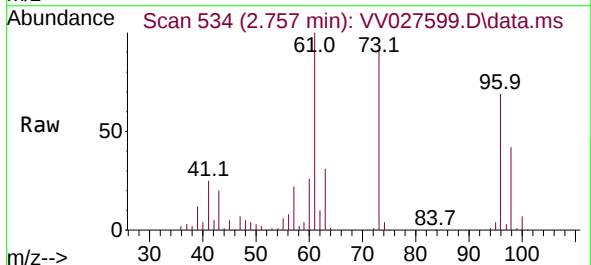
Instrument :
MSVOA_V
ClientSampleId :
DBVD1MS

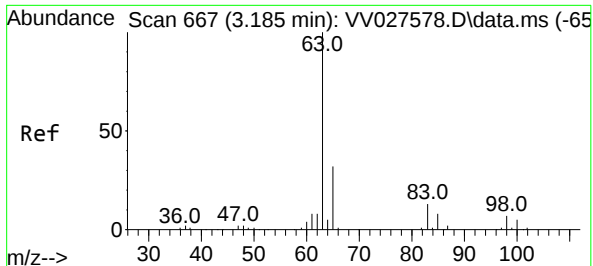
Tgt Ion: 73 Resp: 115810
Ion Ratio Lower Upper
73 100
43 21.6 15.6 23.4
57 23.4 17.0 25.6



#18
trans-1,2-Dichloroethene
Concen: 4.565 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.000 min
Lab File: VV027599.D
Acq: 30 Aug 2022 20:33

Tgt Ion: 96 Resp: 54063
Ion Ratio Lower Upper
96 100
61 144.7 97.6 181.4
98 61.4 45.9 85.3





#19

1,1-Dichloroethane

Concen: 4.907 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.000 min

Lab File: VV027599.D

Acq: 30 Aug 2022 20:33

Instrument :

MSVOA_V

ClientSampleId :

DBVD1MS

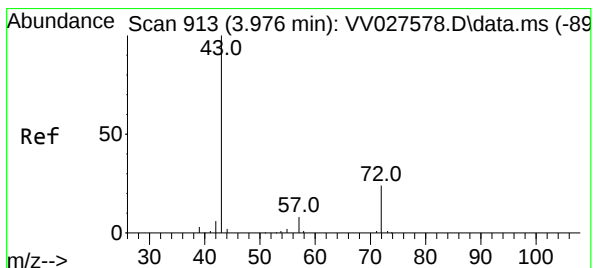
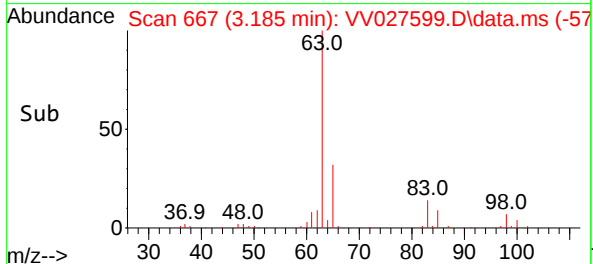
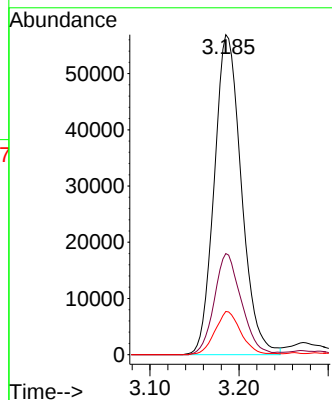
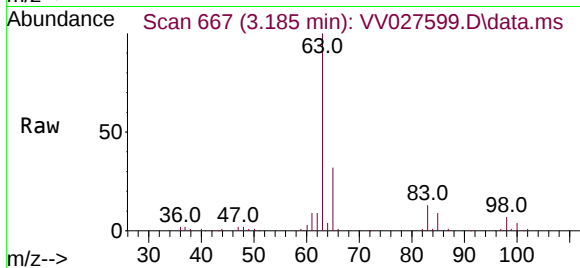
Tgt Ion: 63 Resp: 120301

Ion Ratio Lower Upper

63 100

65 31.6 22.1 41.1

83 13.5 9.6 17.8



#21

2-Butanone

Concen: 58.033 ug/L

RT: 3.970 min Scan# 911

Delta R.T. -0.006 min

Lab File: VV027599.D

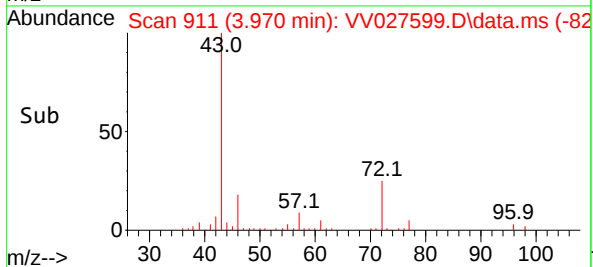
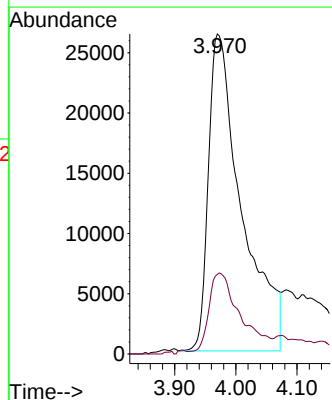
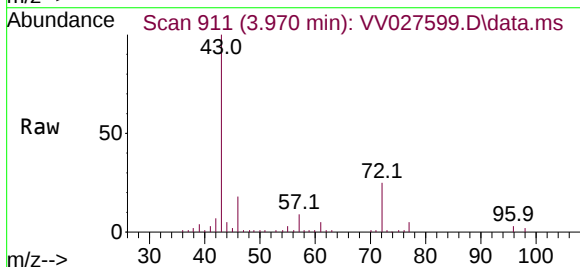
Acq: 30 Aug 2022 20:33

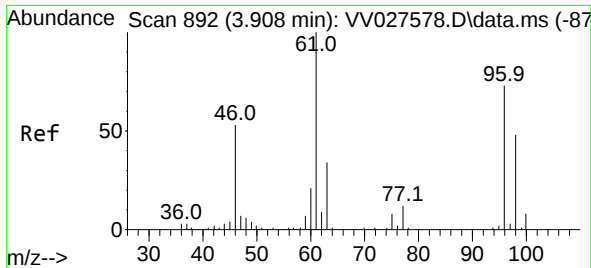
Tgt Ion: 43 Resp: 99248

Ion Ratio Lower Upper

43 100

72 23.4 12.0 36.1

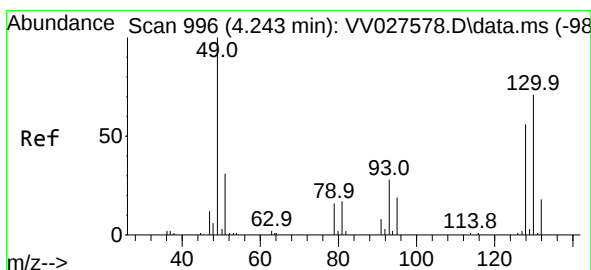
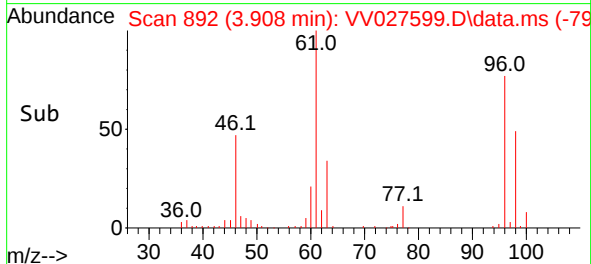
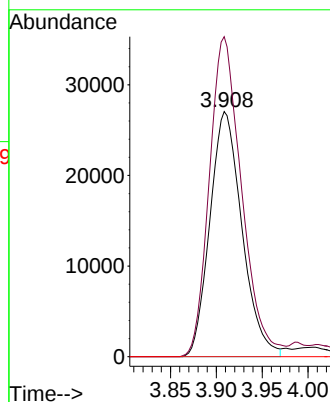
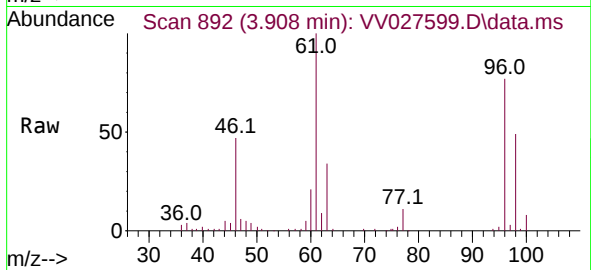




#22
 cis-1,2-Dichloroethene
 Concen: 5.219 ug/L
 RT: 3.908 min Scan# 892
 Delta R.T. 0.000 min
 Lab File: VV027599.D
 Acq: 30 Aug 2022 20:33

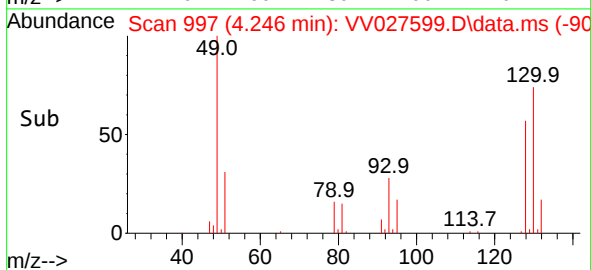
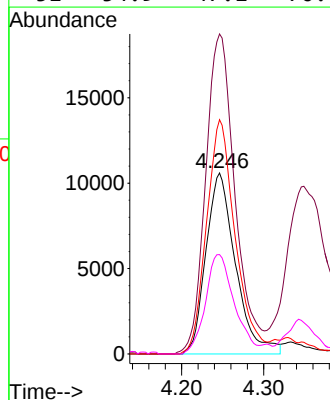
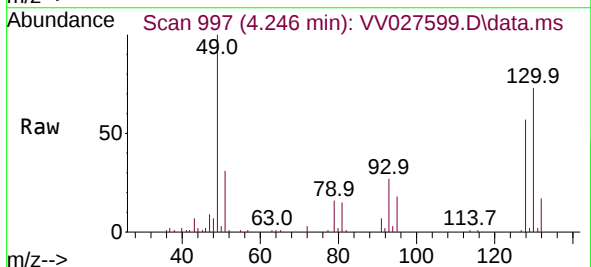
Instrument :
 MSVOA_V
 ClientSampleId :
 DBVD1MS

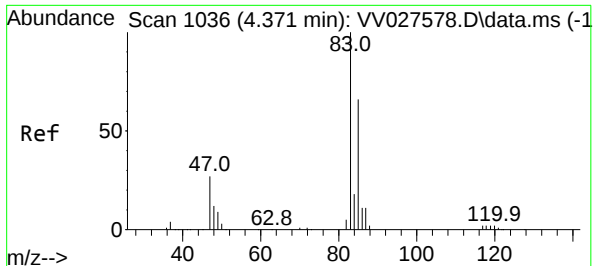
Tgt Ion: 96 Resp: 65872
 Ion Ratio Lower Upper
 96 100
 61 130.5 90.6 168.2
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 4.778 ug/L
 RT: 4.246 min Scan# 997
 Delta R.T. 0.003 min
 Lab File: VV027599.D
 Acq: 30 Aug 2022 20:33

Tgt Ion: 128 Resp: 26590
 Ion Ratio Lower Upper
 128 100
 49 176.8 127.5 236.7
 130 129.4 97.0 180.2
 51 54.9 47.1 70.7





#25

Chloroform

Concen: 4.988 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VV027599.D

Acq: 30 Aug 2022 20:33

Instrument :

MSVOA_V

ClientSampleId :

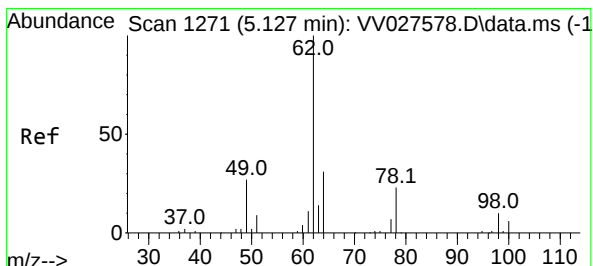
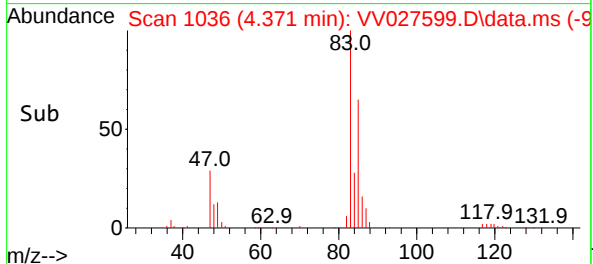
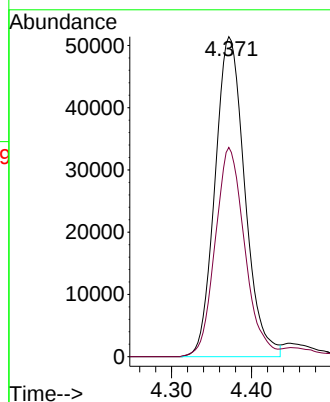
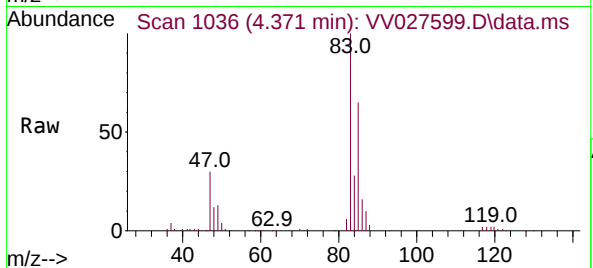
DBVD1MS

Tgt Ion: 83 Resp: 132980

Ion Ratio Lower Upper

83 100

85 65.4 43.3 80.5



#27

1,2-Dichloroethane

Concen: 5.264 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.003 min

Lab File: VV027599.D

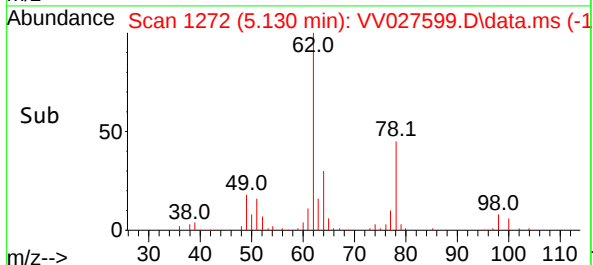
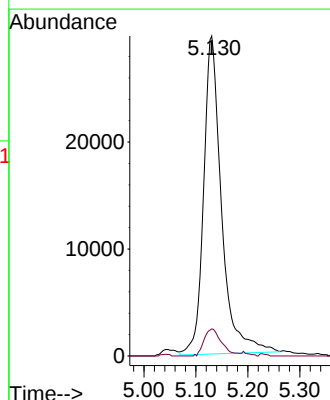
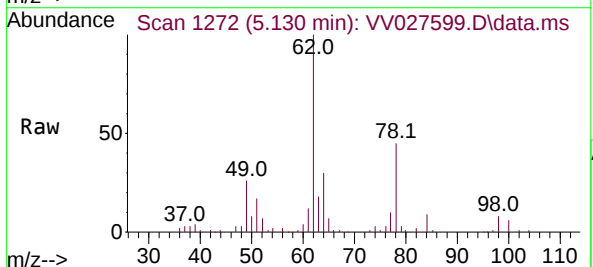
Acq: 30 Aug 2022 20:33

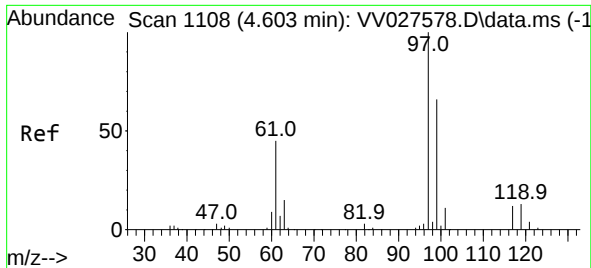
Tgt Ion: 62 Resp: 71300

Ion Ratio Lower Upper

62 100

98 8.5 7.4 11.2

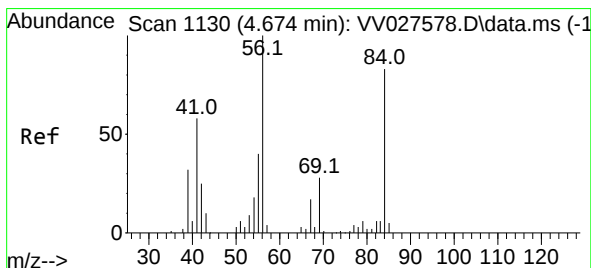
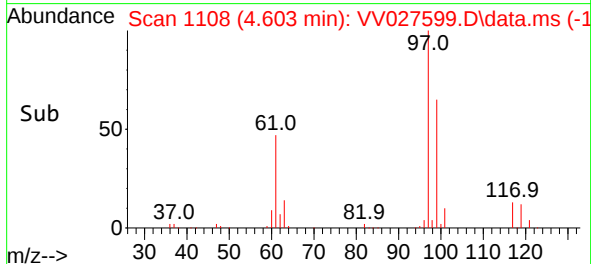
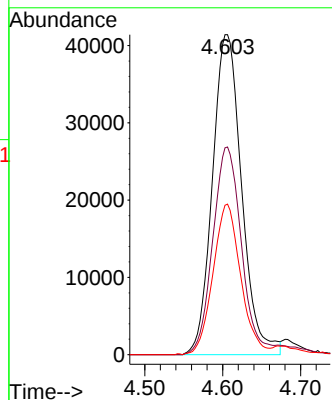
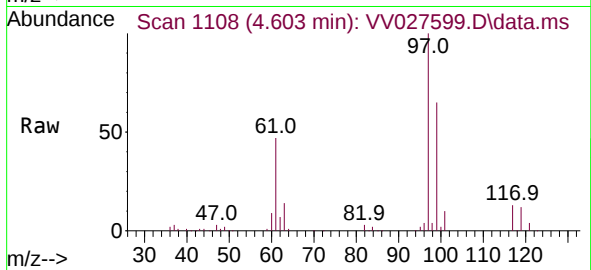




#29
1,1,1-Trichloroethane
Concen: 4.668 ug/L
RT: 4.603 min Scan# 1108
Delta R.T. 0.000 min
Lab File: VV027599.D
Acq: 30 Aug 2022 20:33

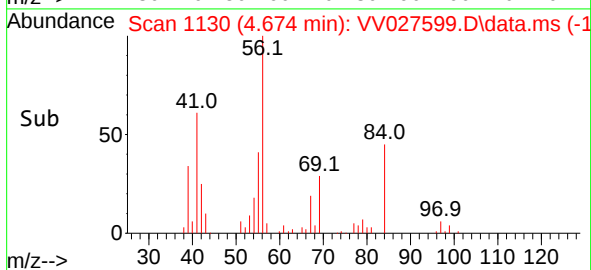
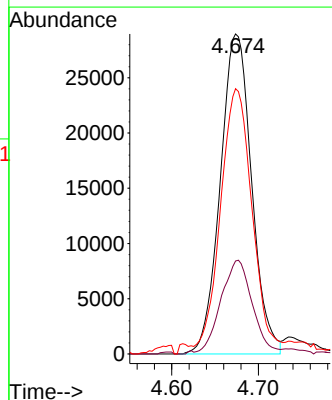
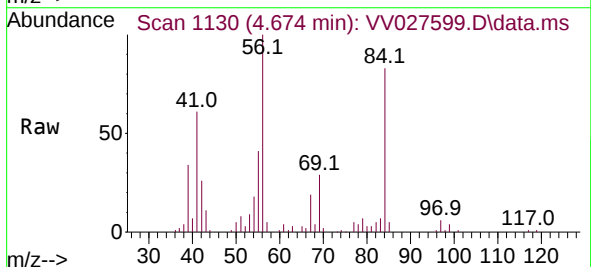
Instrument :
MSVOA_V
ClientSampleId :
DBVD1MS

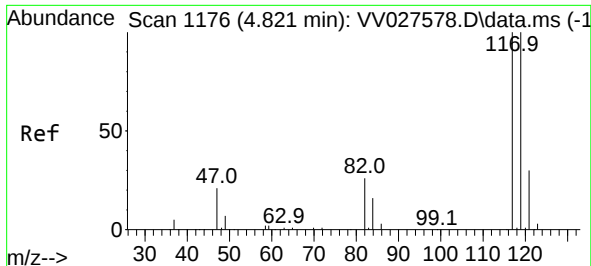
Tgt Ion: 97 Resp: 108106
Ion Ratio Lower Upper
97 100
99 63.6 51.1 76.7
61 44.6 35.9 53.9



#30
Cyclohexane
Concen: 4.100 ug/L
RT: 4.674 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VV027599.D
Acq: 30 Aug 2022 20:33

Tgt Ion: 56 Resp: 72893
Ion Ratio Lower Upper
56 100
69 28.0 25.4 38.0
84 79.2 69.7 104.5

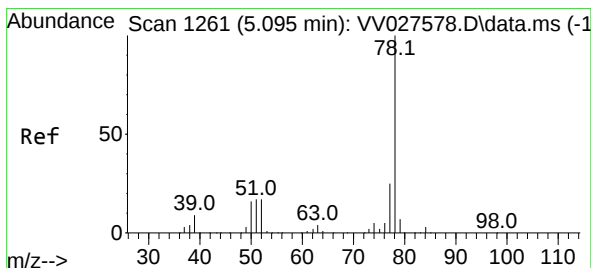
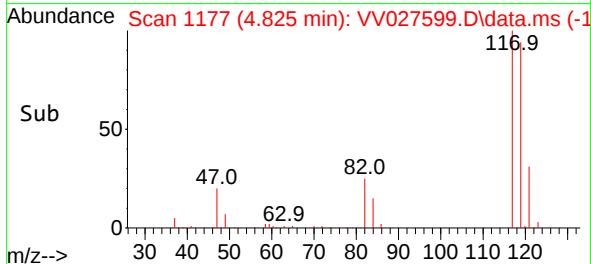
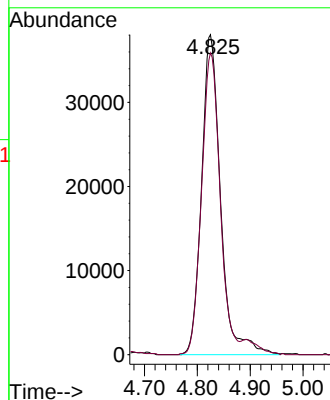
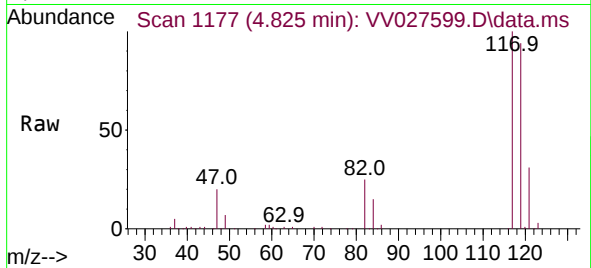




#31
Carbon tetrachloride
Concen: 4.724 ug/L
RT: 4.825 min Scan# 1176
Delta R.T. 0.003 min
Lab File: VV027599.D
Acq: 30 Aug 2022 20:33

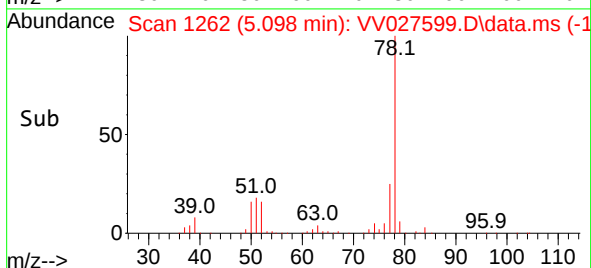
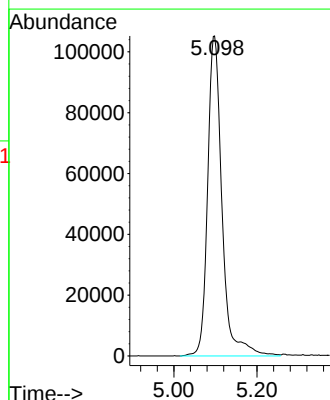
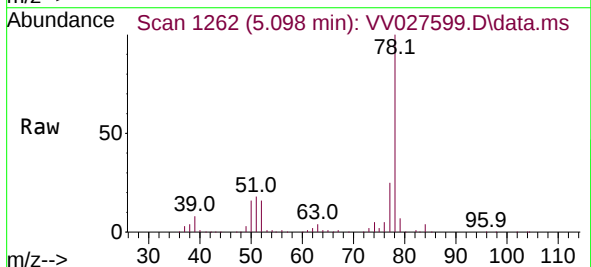
Instrument :
MSVOA_V
ClientSampleId :
DBVD1MS

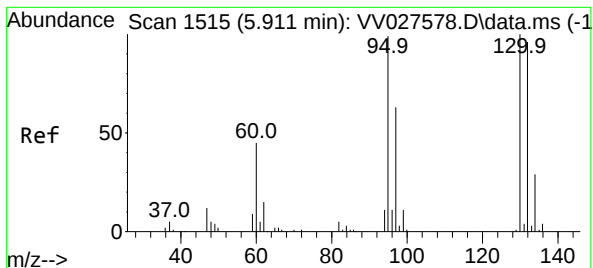
Tgt Ion:117 Resp: 95143
Ion Ratio Lower Upper
117 100
119 91.6 76.1 114.1



#33
Benzene
Concen: 5.029 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VV027599.D
Acq: 30 Aug 2022 20:33

Tgt Ion: 78 Resp: 252273





#34

Trichloroethene

Concen: 4.741 ug/L

RT: 5.912 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV027599.D

Acq: 30 Aug 2022 20:33

Instrument :

MSVOA_V

ClientSampleId :

DBVD1MS

Tgt Ion: 95 Resp: 62594

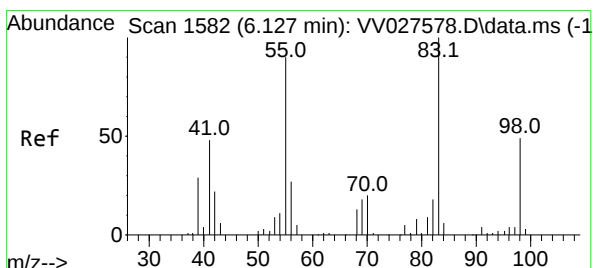
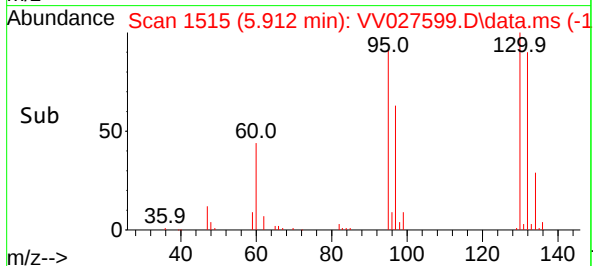
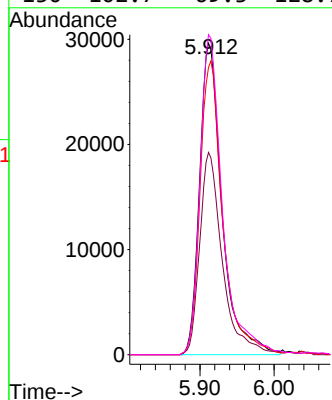
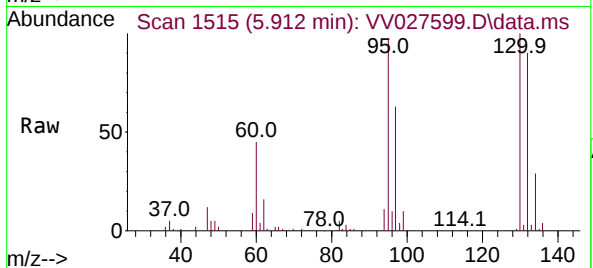
Ion Ratio Lower Upper

95 100

97 64.9 45.0 83.6

132 92.2 65.7 121.9

130 102.7 69.3 128.7



#35

Methylcyclohexane

Concen: 4.038 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. 0.003 min

Lab File: VV027599.D

Acq: 30 Aug 2022 20:33

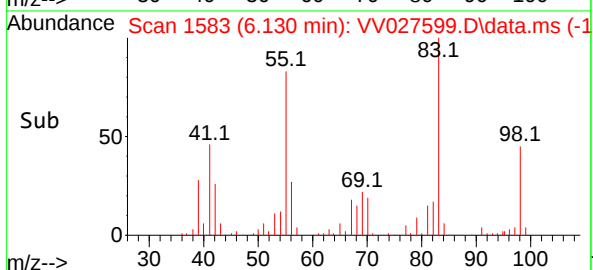
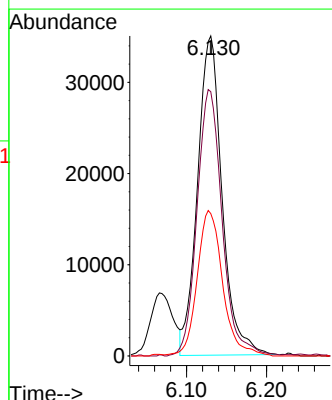
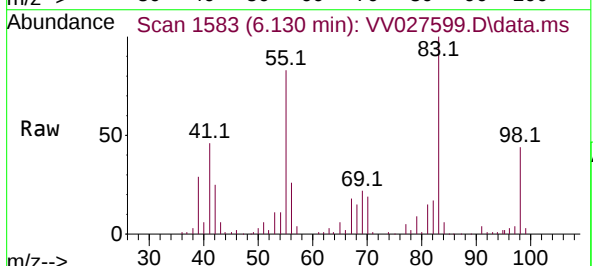
Tgt Ion: 83 Resp: 74983

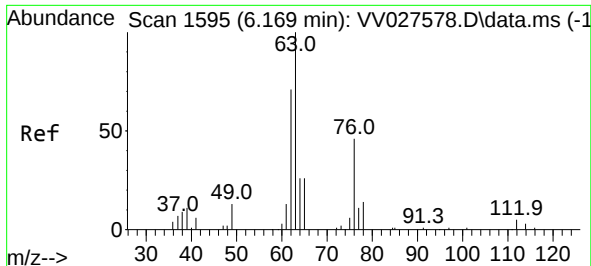
Ion Ratio Lower Upper

83 100

55 85.5 68.2 102.4

98 47.4 39.0 58.4





#37

1,2-Dichloropropane

Concen: 5.054 ug/L

RT: 6.172 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV027599.D

Acq: 30 Aug 2022 20:33

Instrument :

MSVOA_V

ClientSampleId :

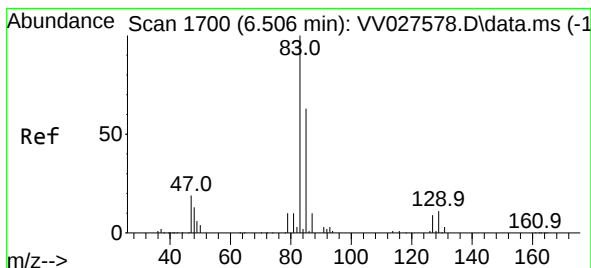
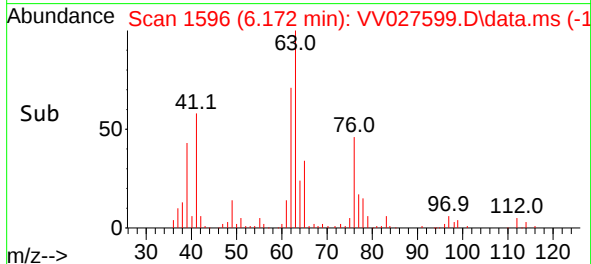
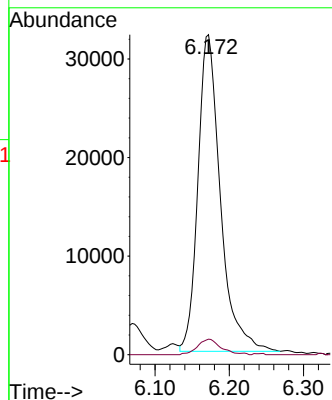
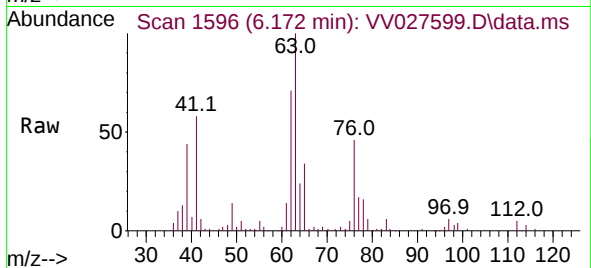
DBVD1MS

Tgt Ion: 63 Resp: 67602

Ion Ratio Lower Upper

63 100

112 5.0 3.9 5.9



#38

Bromodichloromethane

Concen: 5.161 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VV027599.D

Acq: 30 Aug 2022 20:33

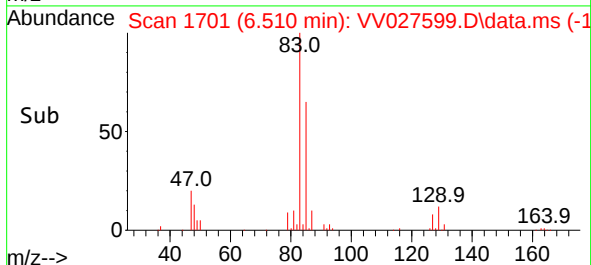
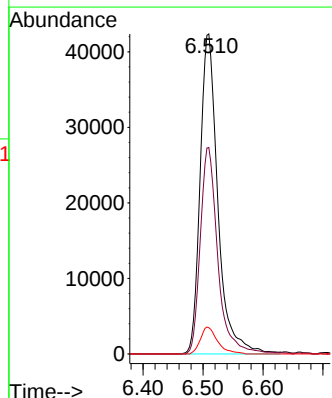
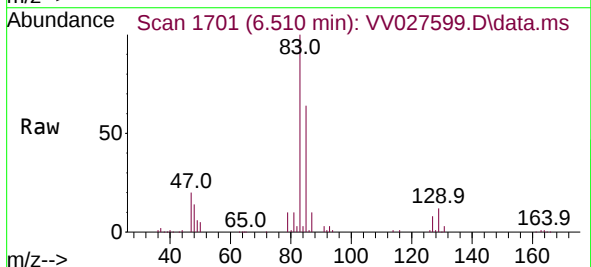
Tgt Ion: 83 Resp: 87518

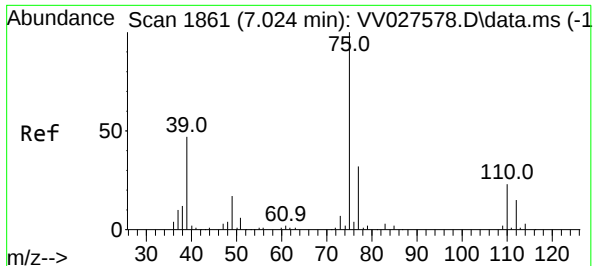
Ion Ratio Lower Upper

83 100

85 64.5 45.3 84.1

127 8.2 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 3.841 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.003 min

Lab File: VV027599.D

Acq: 30 Aug 2022 20:33

Instrument :

MSVOA_V

ClientSampleId :

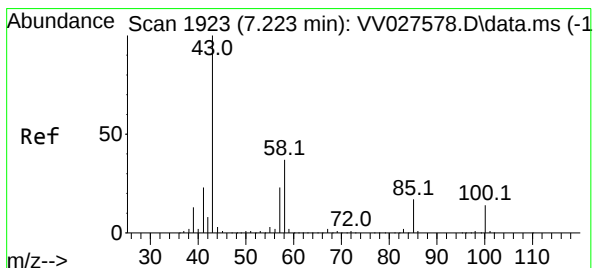
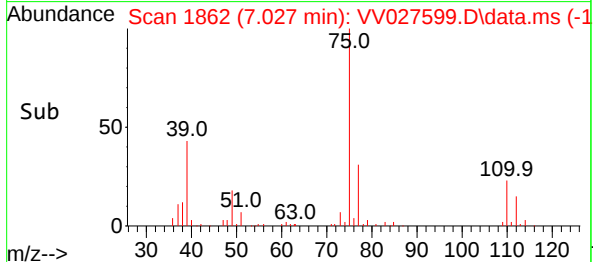
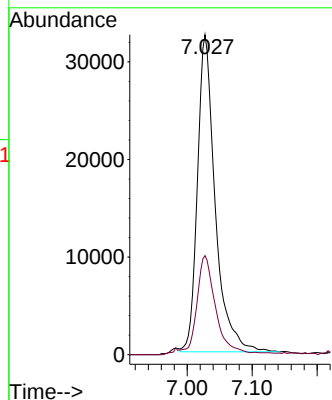
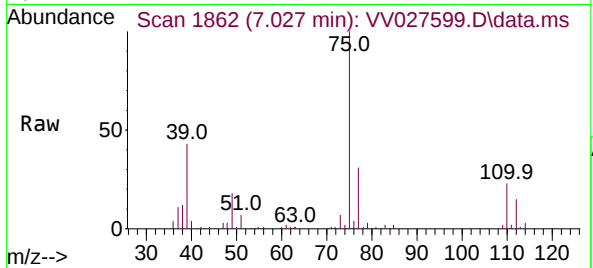
DBVD1MS

Tgt Ion: 75 Resp: 61944

Ion Ratio Lower Upper

75 100

77 30.9 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 56.702 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.003 min

Lab File: VV027599.D

Acq: 30 Aug 2022 20:33

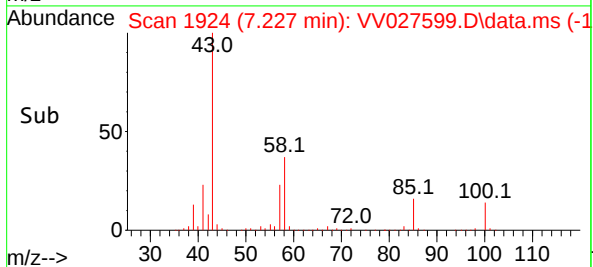
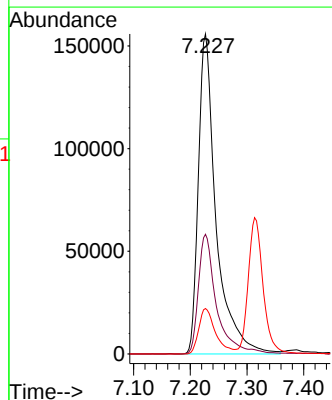
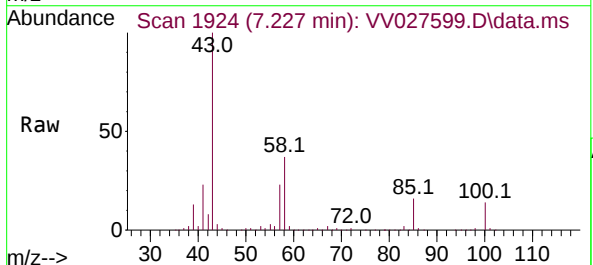
Tgt Ion: 43 Resp: 338834

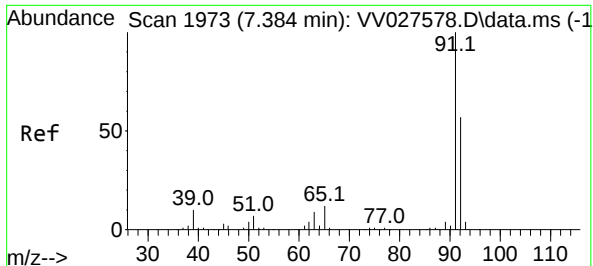
Ion Ratio Lower Upper

43 100

58 38.3 30.6 45.8

100 13.4 11.0 16.4





#42

Toluene

Concen: 5.162 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV027599.D

Acq: 30 Aug 2022 20:33

Instrument :

MSVOA_V

ClientSampleId :

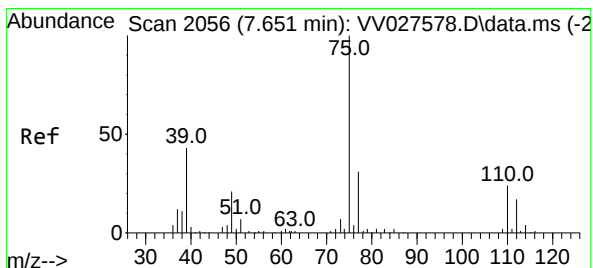
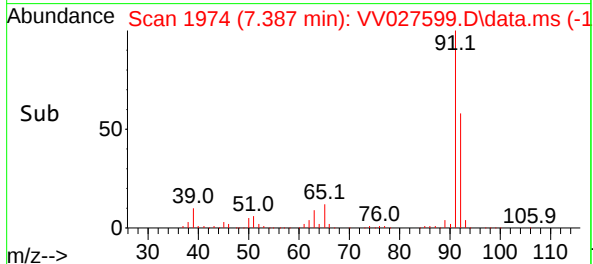
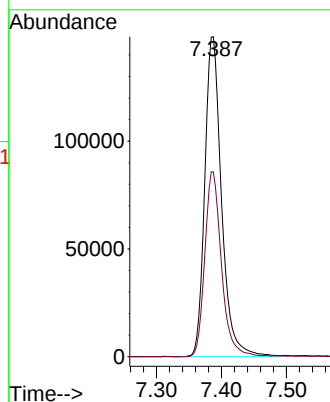
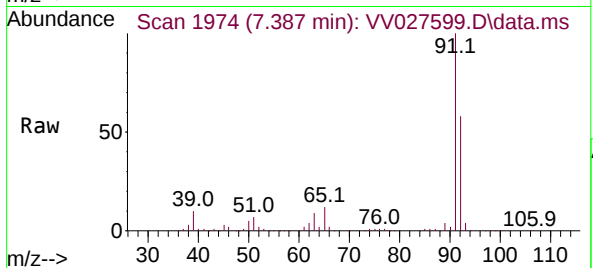
DBVD1MS

Tgt Ion: 91 Resp: 267322

Ion Ratio Lower Upper

91 100

92 57.7 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 4.031 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VV027599.D

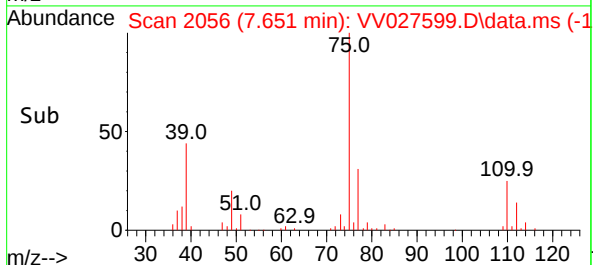
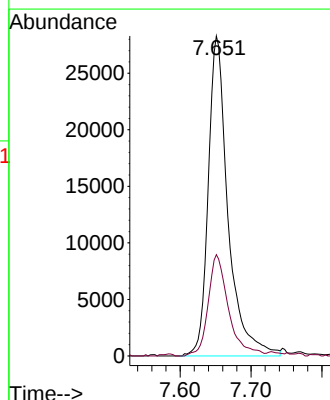
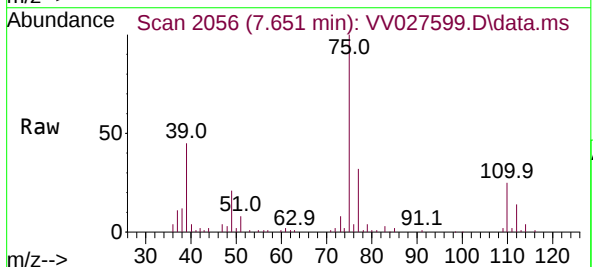
Acq: 30 Aug 2022 20:33

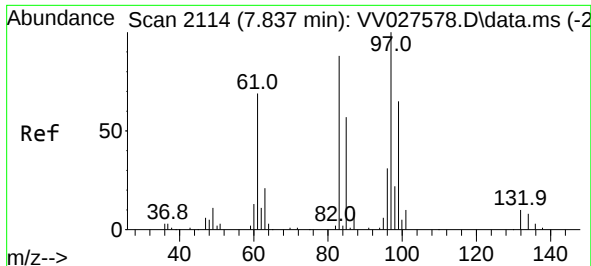
Tgt Ion: 75 Resp: 54949

Ion Ratio Lower Upper

75 100

77 31.6 22.3 41.5





#45

1,1,2-Trichloroethane

Concen: 5.532 ug/L

RT: 7.838 min Scan# 2114

Delta R.T. 0.000 min

Lab File: VV027599.D

Acq: 30 Aug 2022 20:33

Instrument :

MSVOA_V

ClientSampleId :

DBVD1MS

Tgt Ion: 97 Resp: 47300

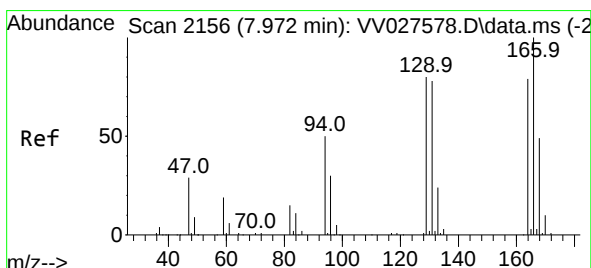
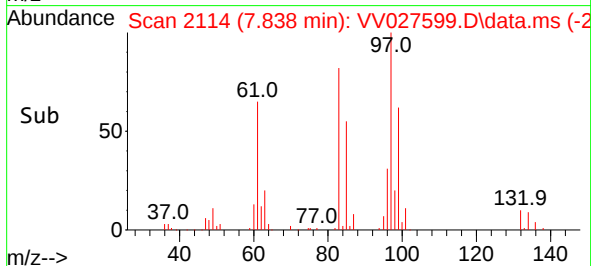
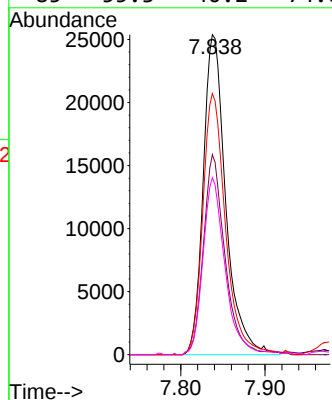
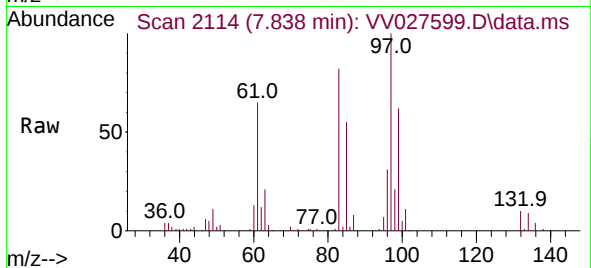
Ion Ratio Lower Upper

97 100

99 62.5 46.1 85.7

83 81.6 63.0 117.0

85 55.3 40.2 74.6



#47

Tetrachloroethene

Concen: 5.210 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV027599.D

Acq: 30 Aug 2022 20:33

Tgt Ion: 164 Resp: 53586

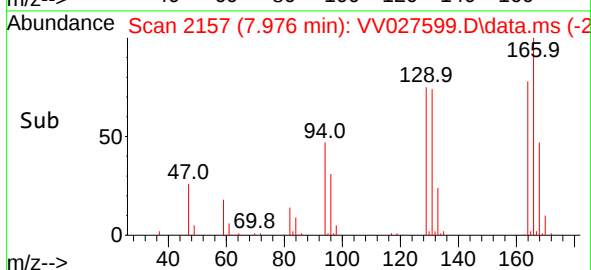
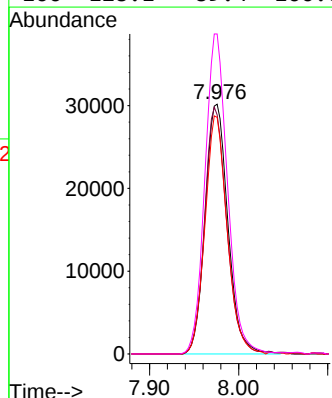
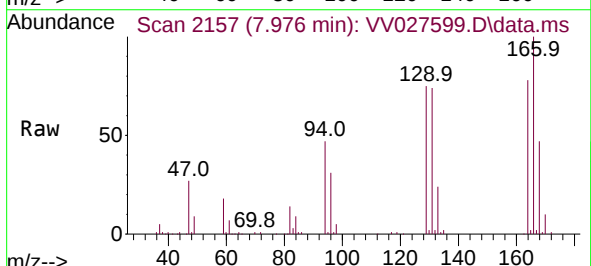
Ion Ratio Lower Upper

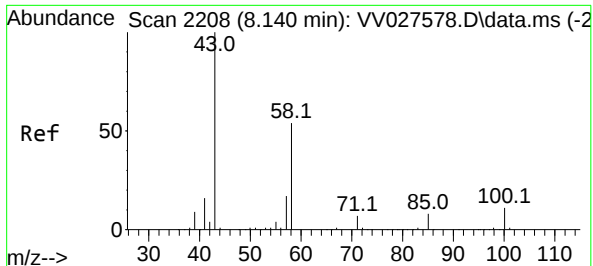
164 100

129 95.8 71.1 132.1

131 94.8 64.5 119.9

166 128.1 89.4 166.0

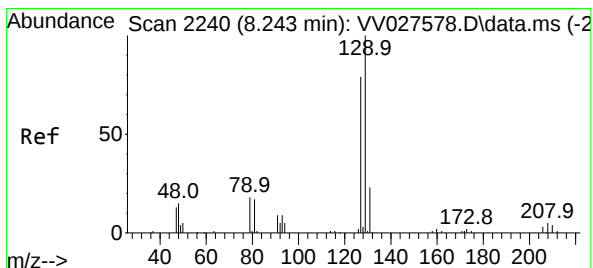
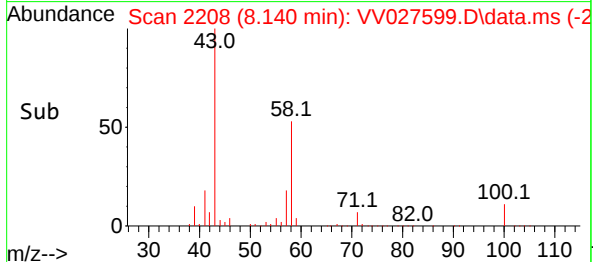
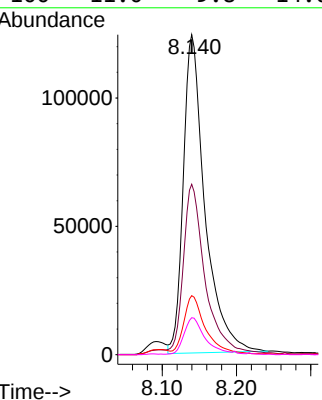
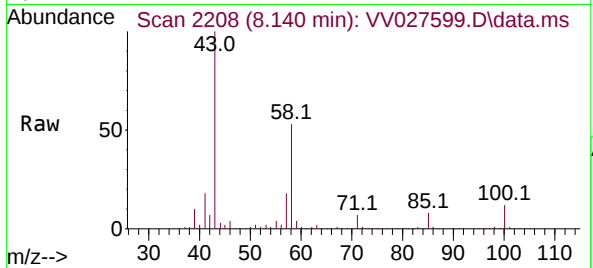




#48
2-Hexanone
Concen: 58.499 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV027599.D
Acq: 30 Aug 2022 20:33

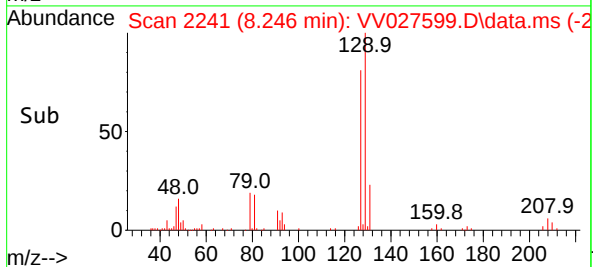
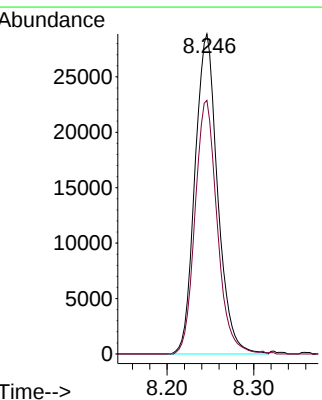
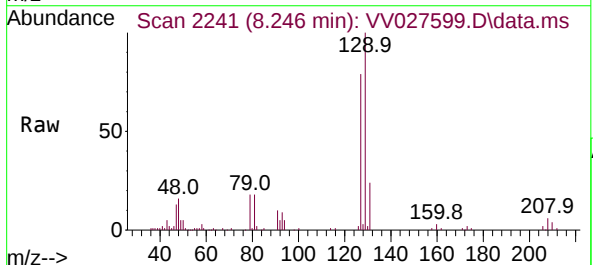
Instrument :
MSVOA_V
ClientSampleId :
DBVD1MS

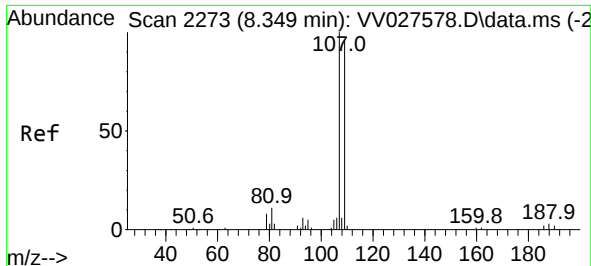
Tgt Ion: 43 Resp: 251893
Ion Ratio Lower Upper
43 100
58 53.9 41.3 61.9
57 18.3 14.9 22.3
100 11.0 9.8 14.6



#49
Dibromochloromethane
Concen: 4.990 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV027599.D
Acq: 30 Aug 2022 20:33

Tgt Ion: 129 Resp: 52471
Ion Ratio Lower Upper
129 100
127 79.3 55.9 103.7

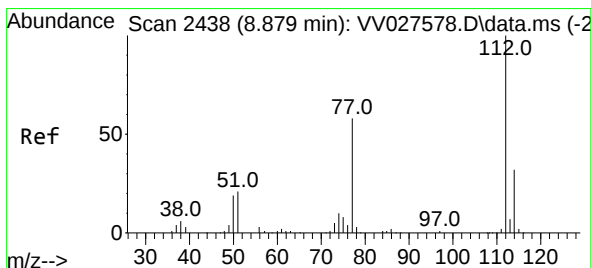
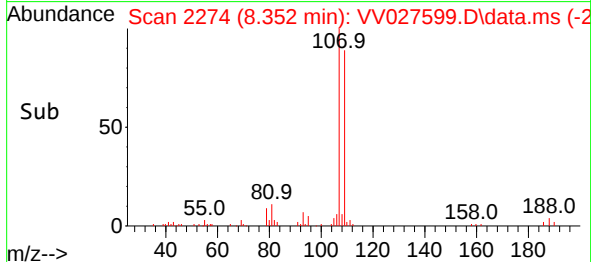
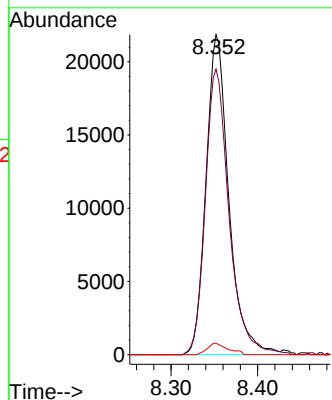
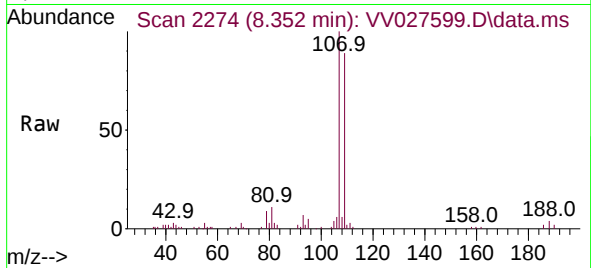




#50
1,2-Dibromoethane
Concen: 5.360 ug/L
RT: 8.352 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV027599.D
Acq: 30 Aug 2022 20:33

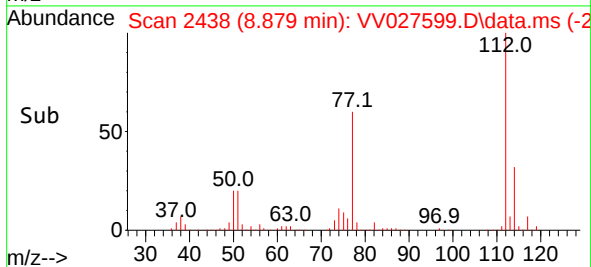
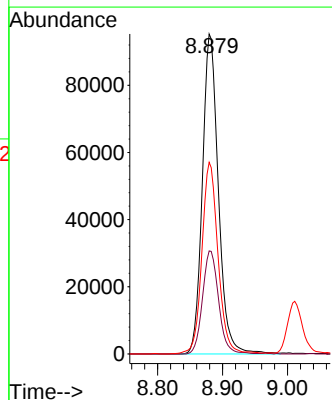
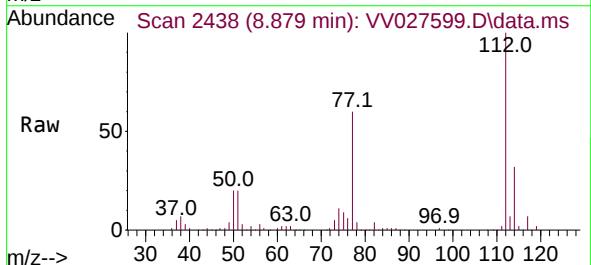
Instrument :
MSVOA_V
ClientSampleId :
DBVD1MS

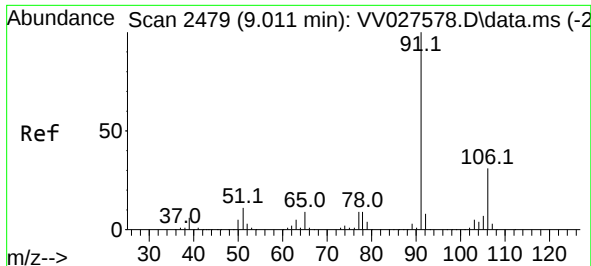
Tgt Ion:107 Resp: 40003
Ion Ratio Lower Upper
107 100
109 89.2 67.8 125.8
188 3.6 3.5 5.3



#51
Chlorobenzene
Concen: 4.889 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. 0.000 min
Lab File: VV027599.D
Acq: 30 Aug 2022 20:33

Tgt Ion:112 Resp: 163854
Ion Ratio Lower Upper
112 100
114 32.2 22.7 42.1
77 59.9 46.2 69.4





#52

Ethylbenzene

Concen: 4.720 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. 0.000 min

Lab File: VV027599.D

Acq: 30 Aug 2022 20:33

Instrument :

MSVOA_V

ClientSampleId :

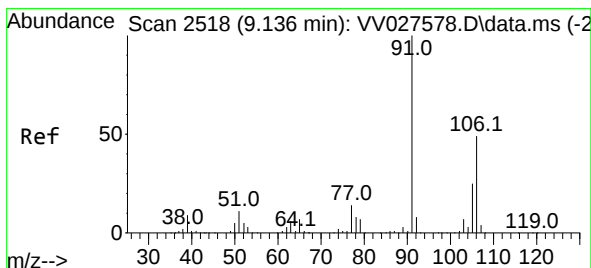
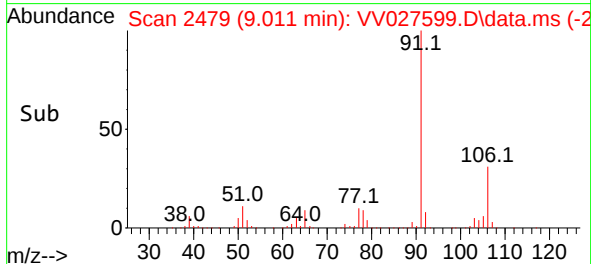
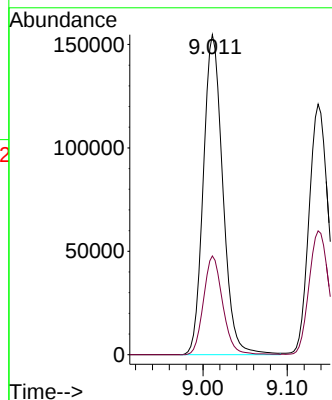
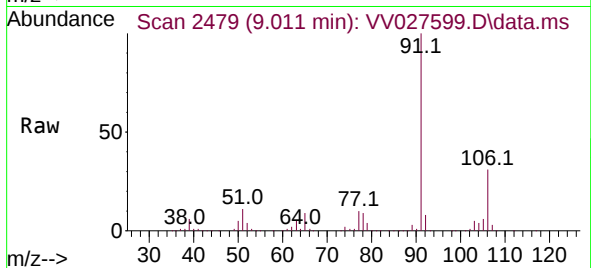
DBVD1MS

Tgt Ion: 91 Resp: 249454

Ion Ratio Lower Upper

91 100

106 30.8 21.4 39.8



#53

m,p-Xylene

Concen: 4.969 ug/L

RT: 9.137 min Scan# 2518

Delta R.T. 0.000 min

Lab File: VV027599.D

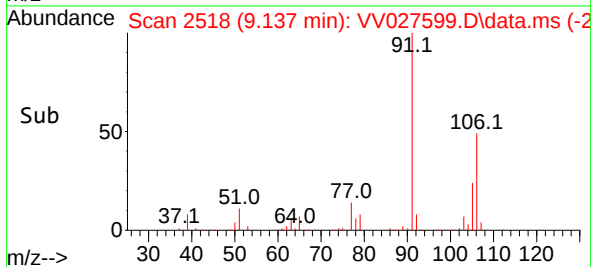
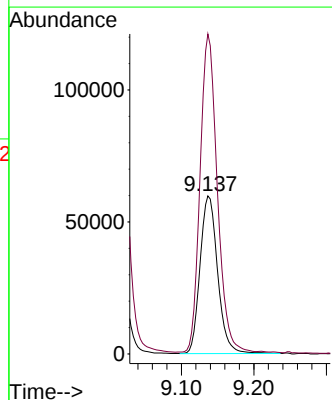
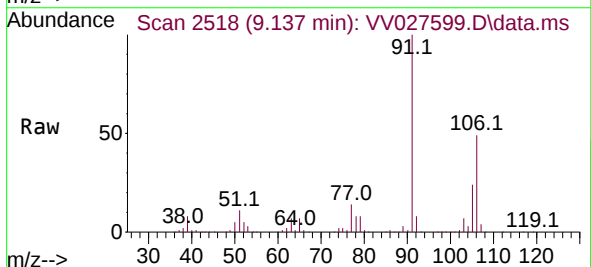
Acq: 30 Aug 2022 20:33

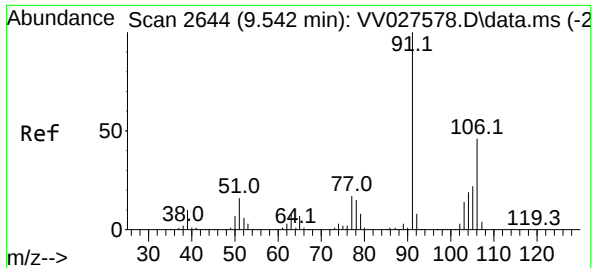
Tgt Ion: 106 Resp: 100507

Ion Ratio Lower Upper

106 100

91 202.5 143.8 267.0

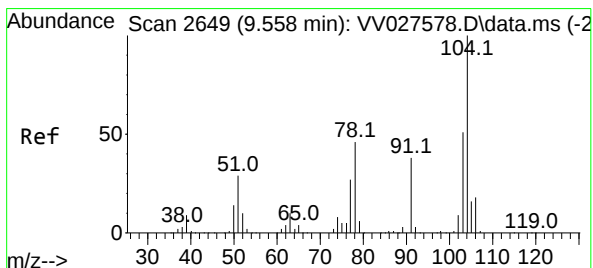
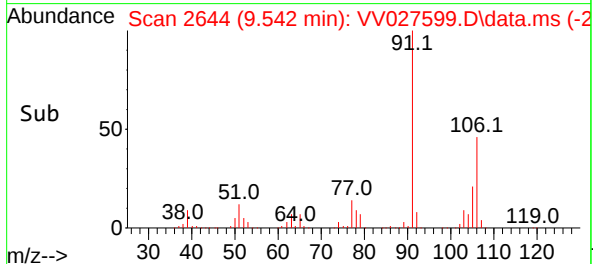
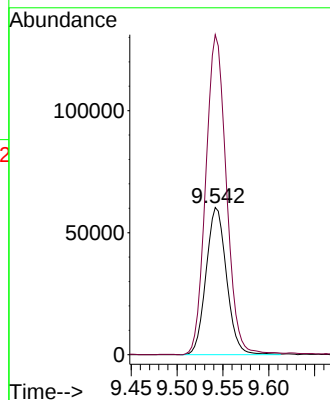
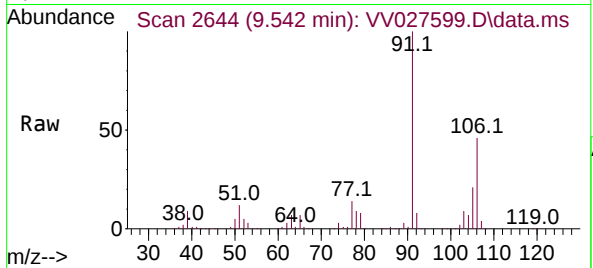




#54
o-Xylene
Concen: 4.779 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV027599.D
Acq: 30 Aug 2022 20:33

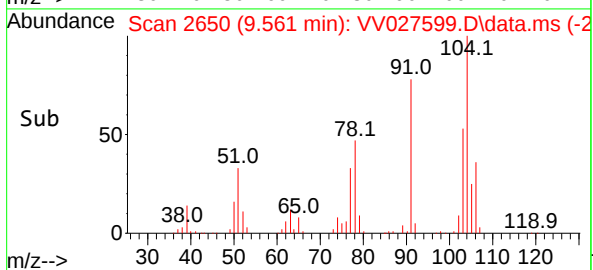
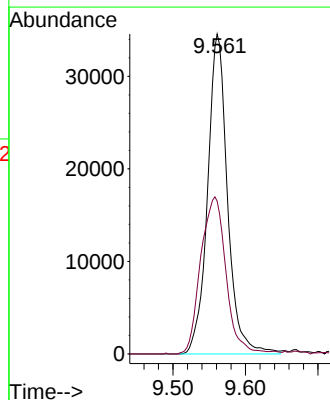
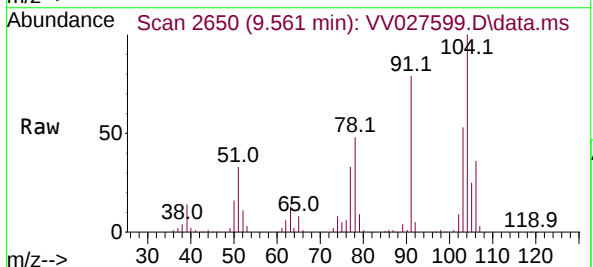
Instrument :
MSVOA_V
ClientSampleId :
DBVD1MS

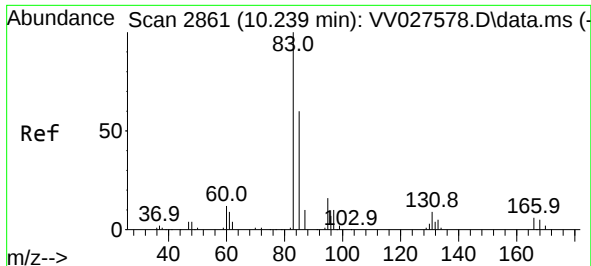
Tgt Ion:106 Resp: 93765
Ion Ratio Lower Upper
106 100
91 217.4 151.6 281.6



#55
Styrene
Concen: 1.982 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV027599.D
Acq: 30 Aug 2022 20:33

Tgt Ion:104 Resp: 66154
Ion Ratio Lower Upper
104 100
78 47.8 32.0 59.4

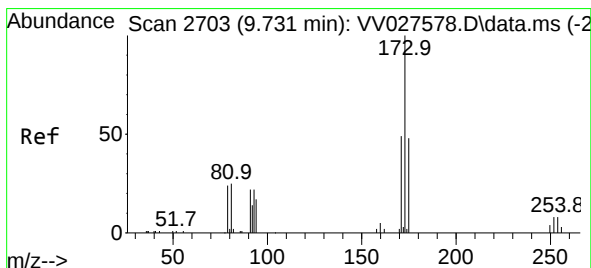
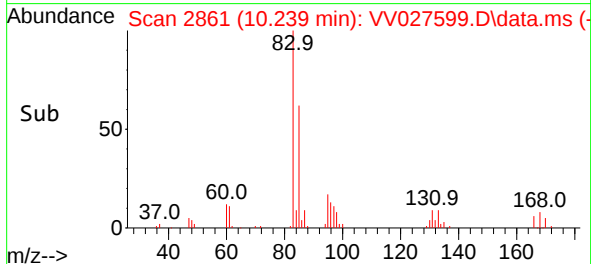
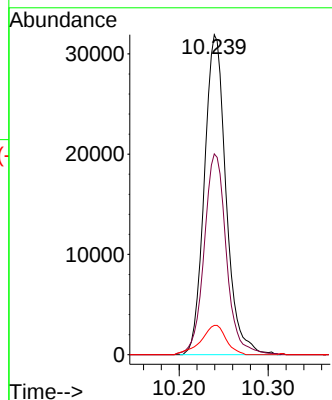
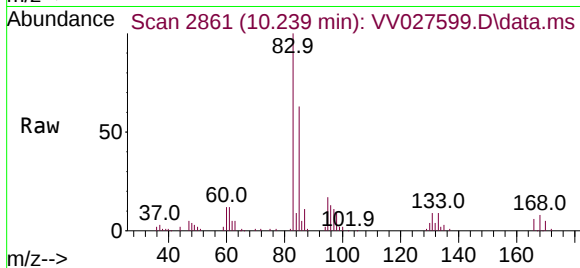




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.603 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. 0.000 min
 Lab File: VV027599.D
 Acq: 30 Aug 2022 20:33

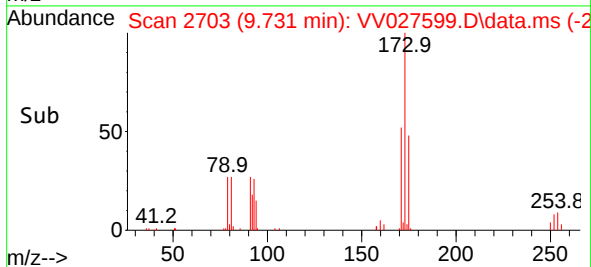
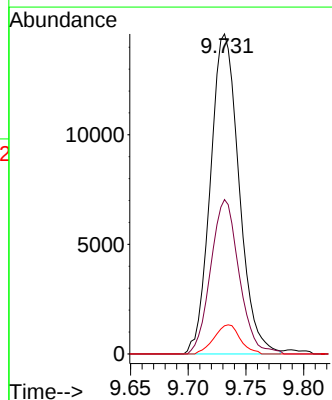
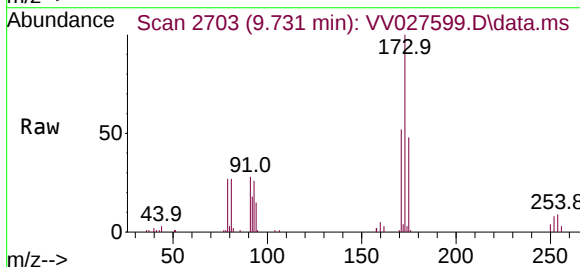
Instrument :
 MSVOA_V
 ClientSampleId :
 DBVD1MS

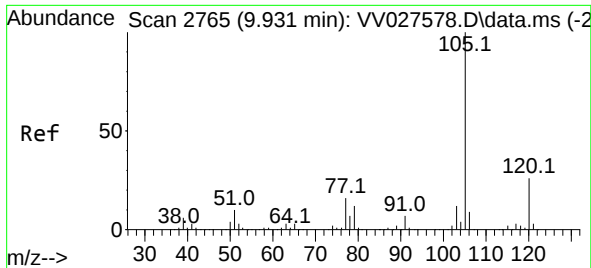
Tgt Ion: 83 Resp: 53966
 Ion Ratio Lower Upper
 83 100
 85 62.7 44.1 81.9
 131 9.1 7.3 10.9



#59
 Bromoform
 Concen: 4.796 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. 0.000 min
 Lab File: VV027599.D
 Acq: 30 Aug 2022 20:33

Tgt Ion: 173 Resp: 25168
 Ion Ratio Lower Upper
 173 100
 175 47.8 39.0 58.6
 254 8.3 7.1 10.7

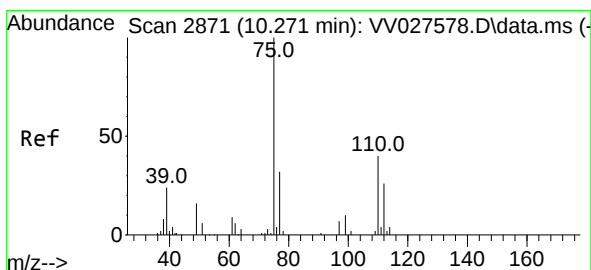
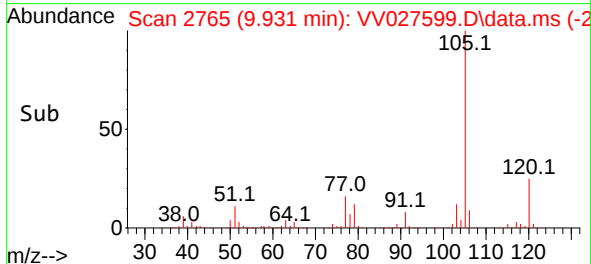
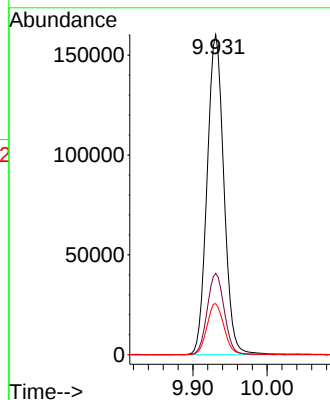
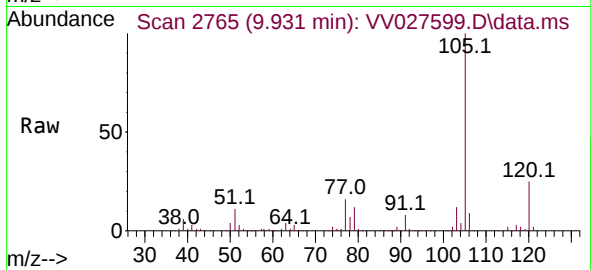




#60
Isopropylbenzene
Concen: 4.873 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV027599.D
Acq: 30 Aug 2022 20:33

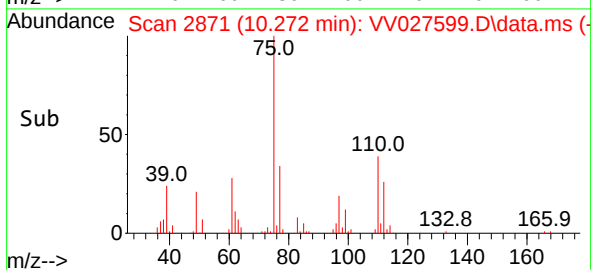
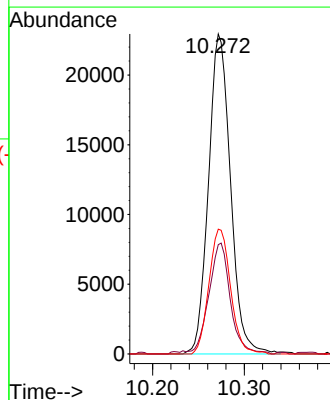
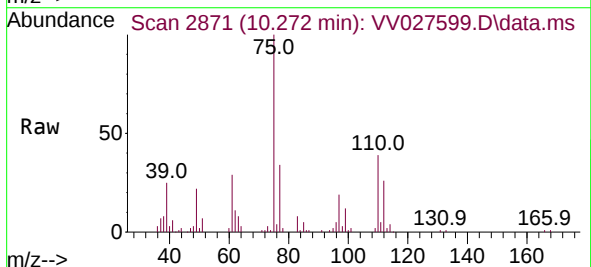
Instrument :
MSVOA_V
ClientSampleId :
DBVD1MS

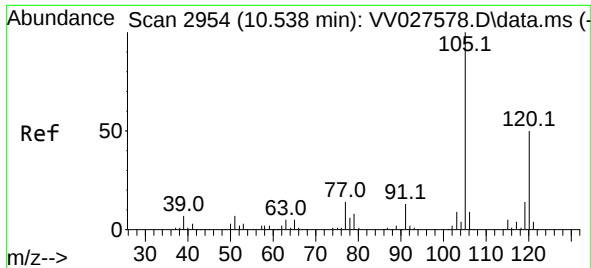
Tgt Ion:105 Resp: 251052
Ion Ratio Lower Upper
105 100
120 25.8 20.9 31.3
77 16.2 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 5.585 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV027599.D
Acq: 30 Aug 2022 20:33

Tgt Ion: 75 Resp: 38360
Ion Ratio Lower Upper
75 100
77 34.0 26.2 39.2
110 38.3 29.9 44.9





#62

1,3,5-Trimethylbenzene

Concen: 4.559 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV027599.D

Acq: 30 Aug 2022 20:33

Instrument :

MSVOA_V

ClientSampleId :

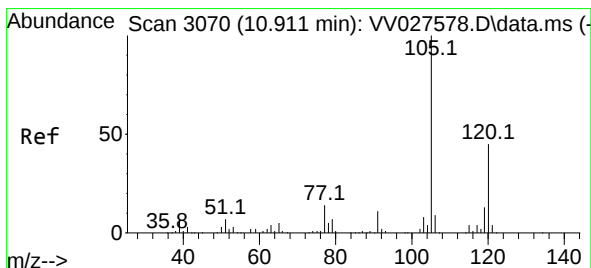
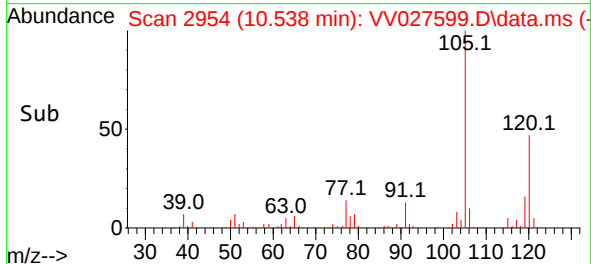
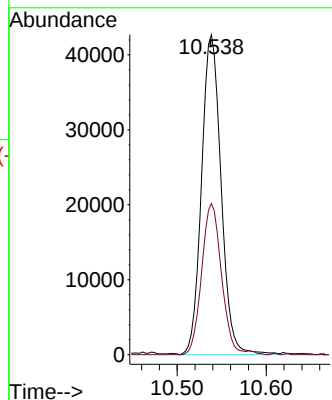
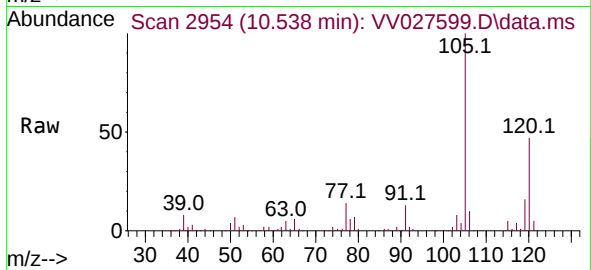
DBVD1MS

Tgt Ion:105 Resp: 65122

Ion Ratio Lower Upper

105 100

120 47.5 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 4.609 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV027599.D

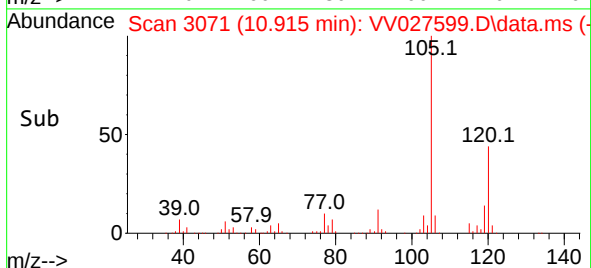
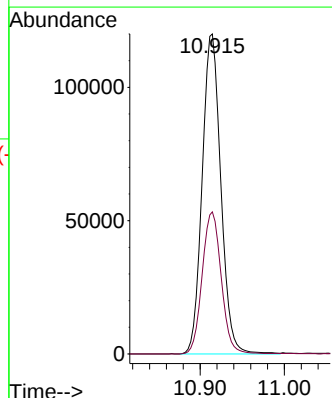
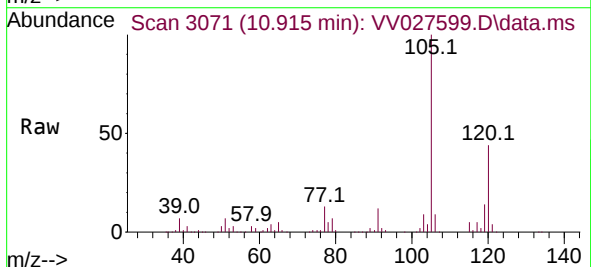
Acq: 30 Aug 2022 20:33

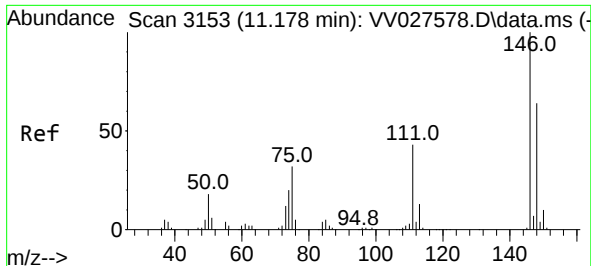
Tgt Ion:105 Resp: 185510

Ion Ratio Lower Upper

105 100

120 45.3 35.8 53.6

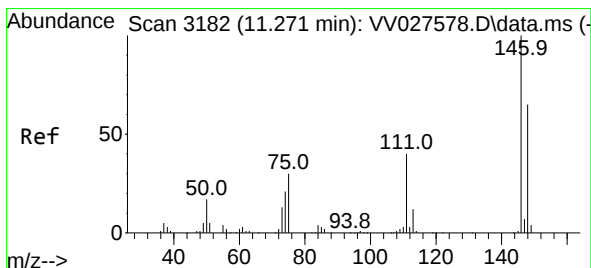
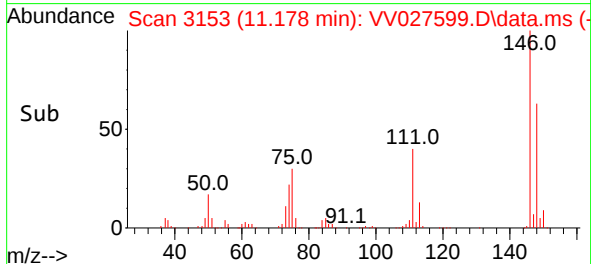
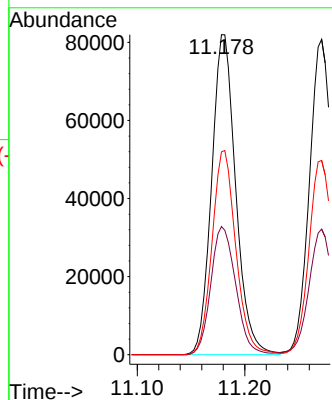
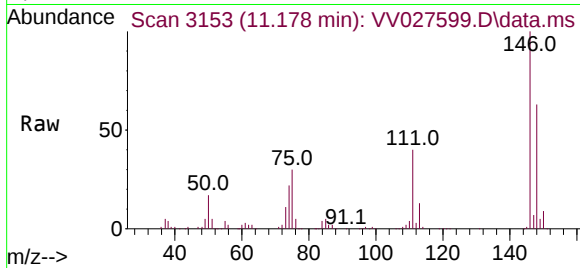




#64
1,3-Dichlorobenzene
Concen: 5.027 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV027599.D
Acq: 30 Aug 2022 20:33

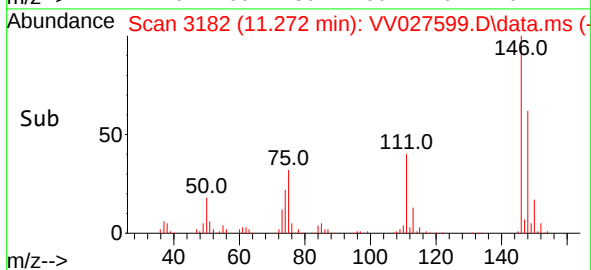
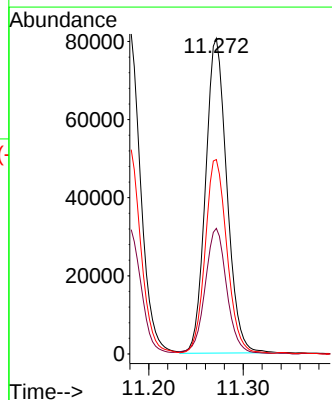
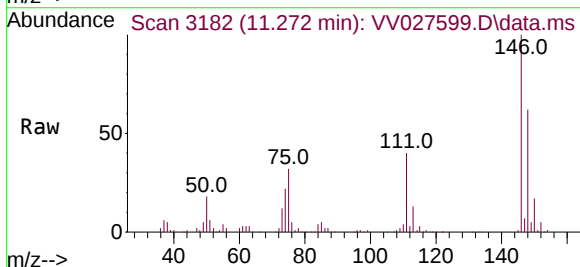
Instrument :
MSVOA_V
ClientSampleId :
DBVD1MS

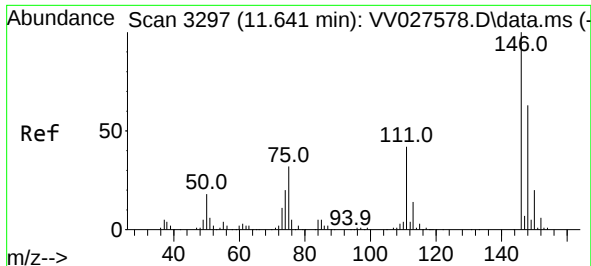
Tgt Ion:146 Resp: 127607
Ion Ratio Lower Upper
146 100
111 40.1 28.8 53.4
148 63.4 44.0 81.6



#65
1,4-Dichlorobenzene
Concen: 4.995 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV027599.D
Acq: 30 Aug 2022 20:33

Tgt Ion:146 Resp: 126405
Ion Ratio Lower Upper
146 100
111 39.8 26.6 49.4
148 61.6 42.6 79.0

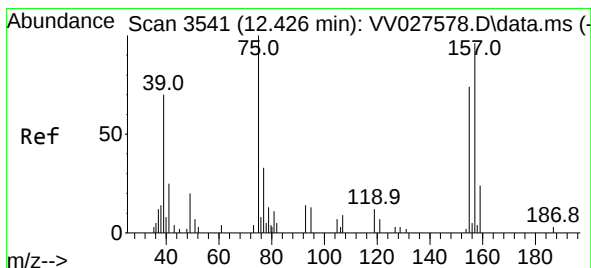
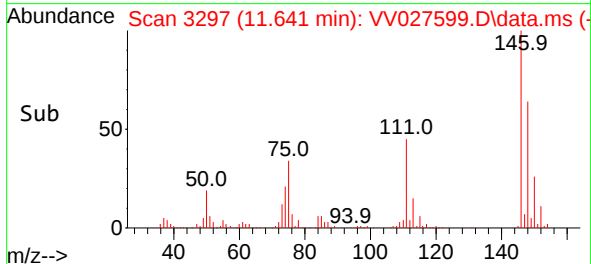
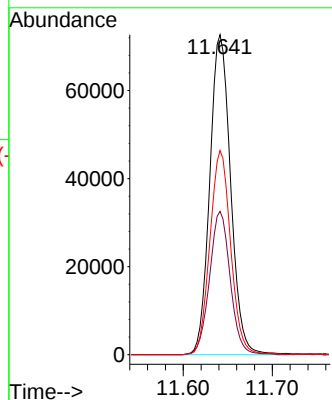
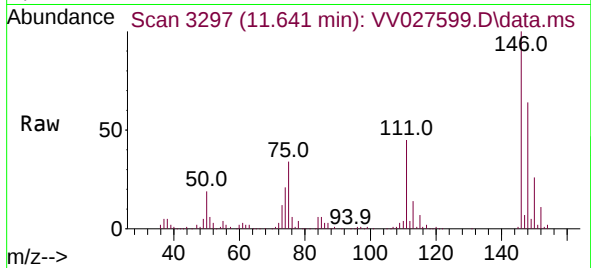




#67
1,2-Dichlorobenzene
Concen: 5.129 ug/L
RT: 11.641 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV027599.D
Acq: 30 Aug 2022 20:33

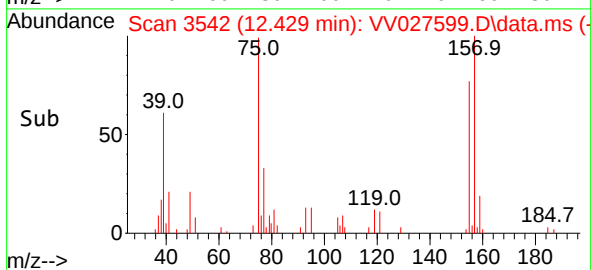
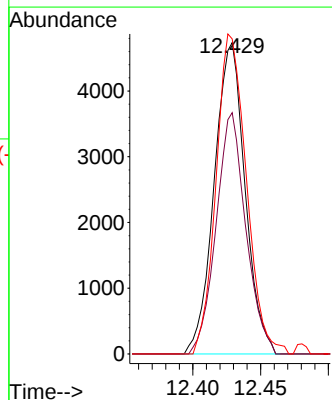
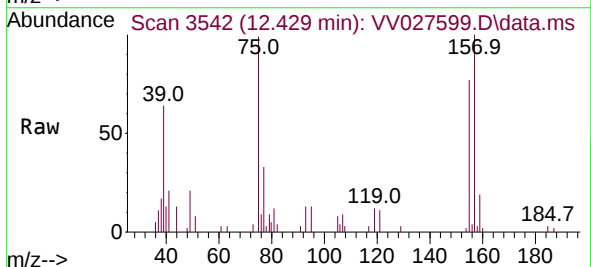
Instrument :
MSVOA_V
ClientSampleId :
DBVD1MS

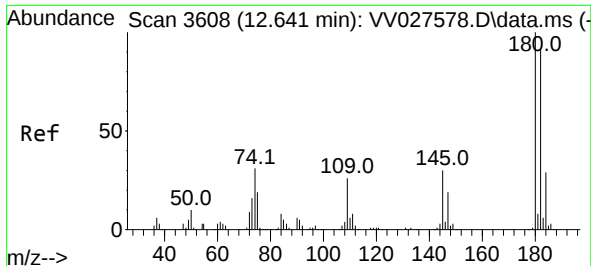
Tgt Ion:146 Resp: 118043
Ion Ratio Lower Upper
146 100
111 44.8 34.5 51.7
148 63.8 50.6 76.0



#68
1,2-Dibromo-3-chloropropane
Concen: 4.907 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.003 min
Lab File: VV027599.D
Acq: 30 Aug 2022 20:33

Tgt Ion: 75 Resp: 7488
Ion Ratio Lower Upper
75 100
155 77.5 63.1 94.7
157 101.2 81.8 122.8





#69

1,3,5-Trichlorobenzene

Concen: 4.597 ug/L

RT: 12.644 min Scan# 3608

Delta R.T. 0.003 min

Lab File: VV027599.D

Acq: 30 Aug 2022 20:33

Instrument :

MSVOA_V

ClientSampleId :

DBVD1MS

Tgt Ion:180 Resp: 87110

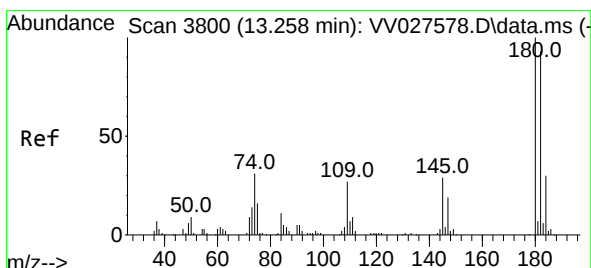
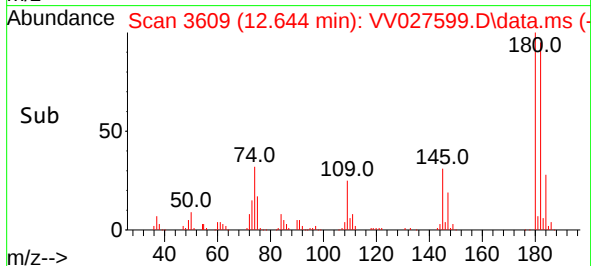
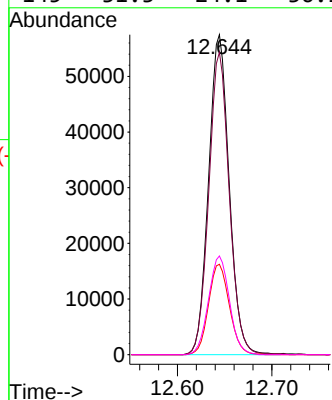
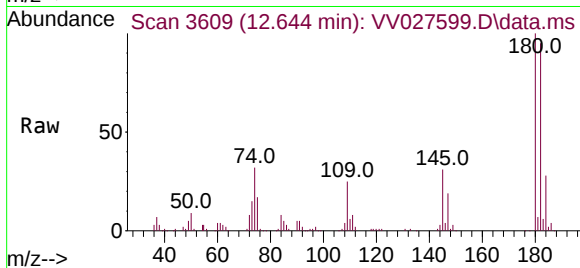
Ion Ratio Lower Upper

180 100

182 94.1 74.1 111.1

184 28.6 23.2 34.8

145 31.3 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 4.469 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV027599.D

Acq: 30 Aug 2022 20:33

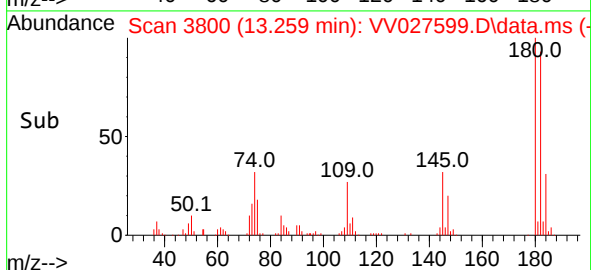
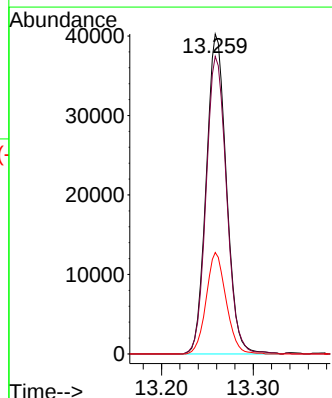
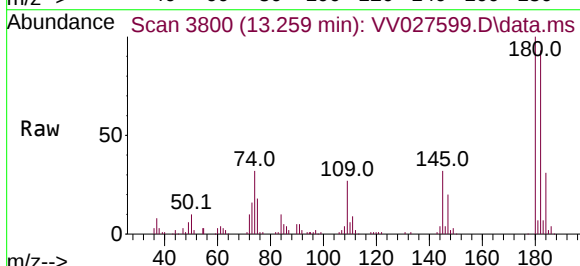
Tgt Ion:180 Resp: 61534

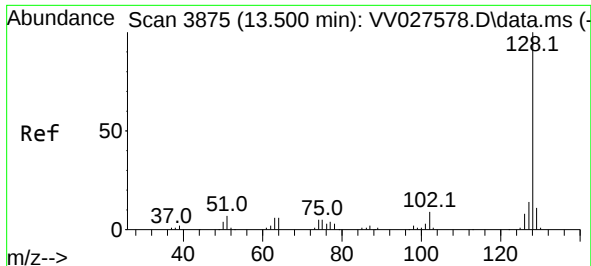
Ion Ratio Lower Upper

180 100

182 94.4 76.0 114.0

145 31.4 24.9 37.3

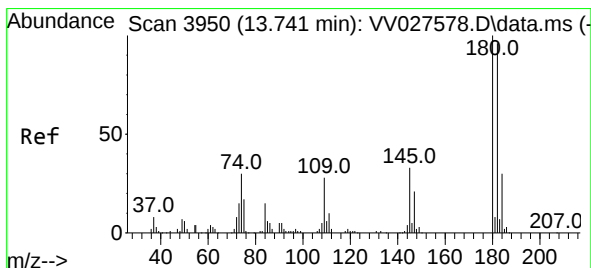
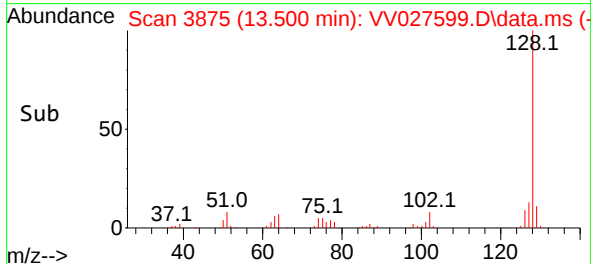
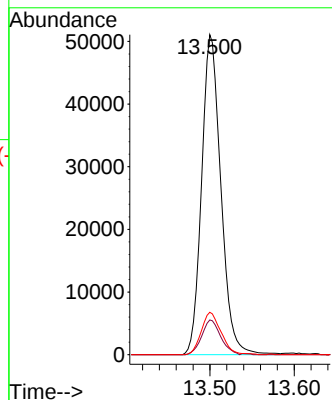
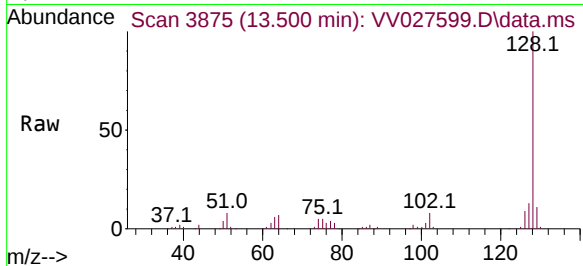




#71
Naphthalene
Concen: 4.277 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV027599.D
Acq: 30 Aug 2022 20:33

Instrument :
MSVOA_V
ClientSampleId :
DBVD1MS

Tgt Ion:128 Resp: 81296
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 13.6 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 4.585 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV027599.D
Acq: 30 Aug 2022 20:33

Tgt Ion:180 Resp: 56065
Ion Ratio Lower Upper
180 100
182 95.2 75.3 112.9
145 33.9 26.6 39.8

