

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060222\
 Data File : VW025989.D
 Acq On : 02 Jun 2022 17:10
 Operator : SY/MD
 Sample : N3171-15MSD
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBTZ0MSD

Quant Time: Jun 03 00:09:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 03 00:06:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	338771	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	337279	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	187772	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	155188	35.495	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.980%
7) Chloroethane-d5	1.571	69	133960	34.890	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	69.780%#
11) 1,1-Dichloroethene-d2	2.111	63	305267	39.921	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.840%
21) 2-Butanone-d5	3.896	46	161659	86.266	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.270%
24) Chloroform-d	4.352	84	275693	45.146	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.300%
26) 1,2-Dichloroethane-d4	5.034	65	159242	43.147	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.300%
32) Benzene-d6	5.050	84	543264	46.203	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.400%
36) 1,2-Dichloropropane-d6	6.069	67	171095	47.377	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.760%
41) Toluene-d8	7.317	98	500855	46.232	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.460%
43) trans-1,3-Dichloroprop...	7.622	79	75903	47.084	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.160%
47) 2-Hexanone-d5	8.088	63	137011	103.482	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.480%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	248504	51.600	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	196341	47.668	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.340%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.134	85	151747	43.324	ug/L	100
3) Chloromethane	1.243	50	177571	41.919	ug/L	100
5) Vinyl chloride	1.314	62	190537	44.243	ug/L	100
6) Bromomethane	1.526	94	112033	42.811	ug/L	98
8) Chloroethane	1.587	64	125647	39.066	ug/L	99
9) Trichlorofluoromethane	1.754	101	274125	44.790	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	154516	47.519	ug/L	98
12) 1,1-Dichloroethene	2.121	96	145278	45.425	ug/L	92
13) Acetone	2.185	43	108494	84.841	ug/L	98
14) Carbon disulfide	2.294	76	355742	44.970	ug/L	100
15) Methyl Acetate	2.439	43	126168	46.052	ug/L	98
16) Methylene chloride	2.510	84	155028	50.045	ug/L	97
17) trans-1,2-Dichloroethene	2.764	96	135668	49.375	ug/L	98
18) Methyl tert-butyl Ether	2.773	73	429003	53.684	ug/L	99
19) 1,1-Dichloroethane	3.191	63	262947	51.235	ug/L	99
20) cis-1,2-Dichloroethene	3.915	96	152975	51.578	ug/L	97
22) 2-Butanone	3.982	43	153931	90.262	ug/L	99
23) Bromochloromethane	4.249	128	79855	50.974	ug/L	98
25) Chloroform	4.378	83	276934	50.922	ug/L	99

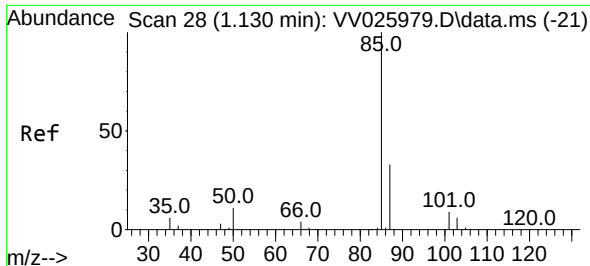
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060222\
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 Quant Title : VOC Analysis
 QLast Update : Fri Jun 03 00:06:32 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	196314	47.745	ug/L	99
29) Cyclohexane	4.680	56	212465	52.033	ug/L	98
30) 1,1,1-Trichloroethane	4.609	97	237406	51.829	ug/L	97
31) Carbon tetrachloride	4.828	117	195018	50.711	ug/L	100
33) Benzene	5.101	78	598935	52.739	ug/L	100
34) Trichloroethene	5.915	95	149074	50.187	ug/L	98
35) Methylcyclohexane	6.130	83	227060	51.039	ug/L	98
37) 1,2-Dichloropropane	6.175	63	155560	54.528	ug/L	100
38) Bromodichloromethane	6.510	83	203293	52.696	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	223548	54.949	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	395895	118.719	ug/L	97
42) Toluene	7.387	91	649352	53.300	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	210896	53.884	ug/L	100
45) 1,1,2-Trichloroethane	7.838	97	156580	54.017	ug/L	99
46) Tetrachloroethene	7.976	164	113161	51.646	ug/L	97
48) 2-Hexanone	8.140	43	305177	117.618	ug/L	96
49) Dibromochloromethane	8.246	129	151439	52.965	ug/L	100
50) 1,2-Dibromoethane	8.352	107	159398	54.075	ug/L	95
51) Chlorobenzene	8.879	112	407306	52.210	ug/L	100
52) Ethylbenzene	9.011	91	671652	53.437	ug/L	100
53) m,p-Xylene	9.136	106	262248	53.792	ug/L	99
54) o-Xylene	9.542	106	259967	54.284	ug/L	98
55) Styrene	9.558	104	466531	55.908	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	253487	58.610	ug/L	100
59) Bromoform	9.731	173	96162	53.089	ug/L	99
60) Isopropylbenzene	9.931	105	684547	54.426	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	195424	52.581	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	350464	54.058	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	560839	55.756	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	320313	53.802	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	321275	51.493	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	326669	53.047	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	47701	55.591	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	221668	53.924	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	191958	54.838	ug/L	99
71) Naphthalene	13.500	128	658441	63.515	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	205609	57.640	ug/L	100

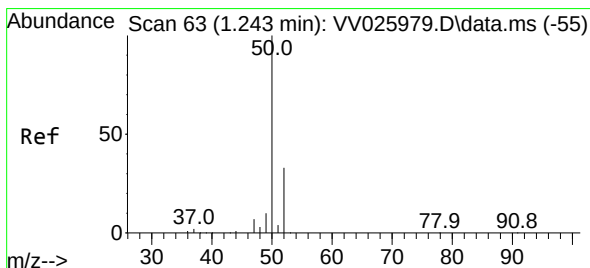
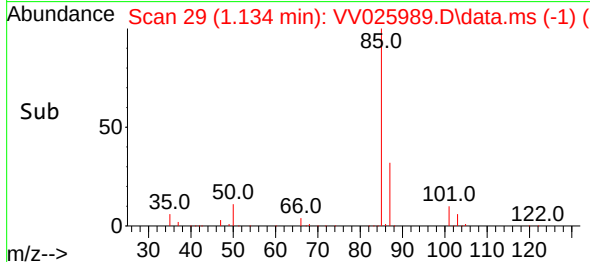
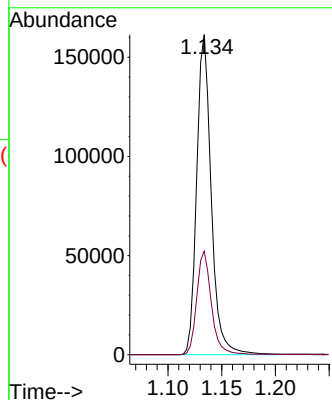
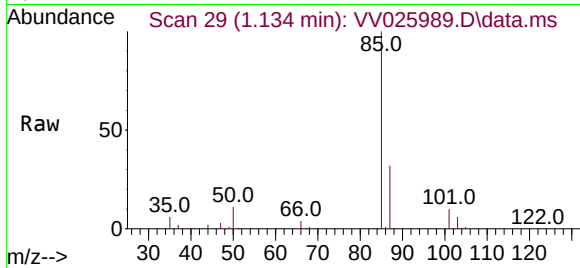
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#2
 Dichlorodifluoromethane
 Concen: 43.324 ug/L
 RT: 1.134 min Scan# 28
 Delta R.T. 0.003 min
 Lab File: VV025989.D
 Acq: 02 Jun 2022 17:10

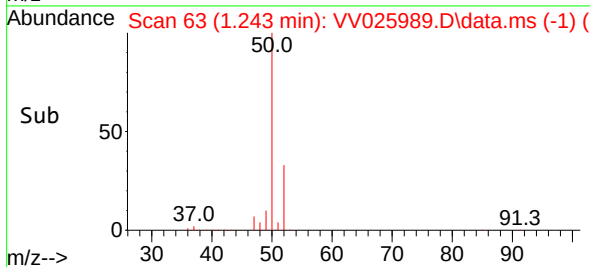
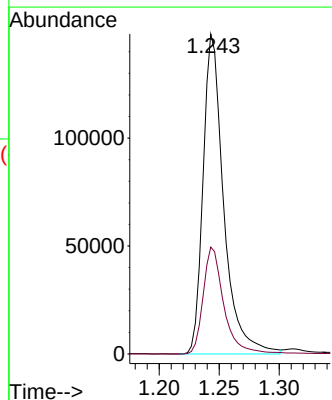
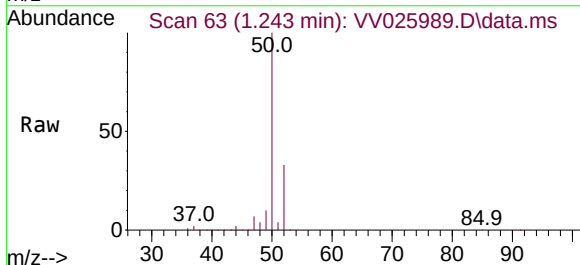
Instrument :
 MSVOA_V
 ClientSampleId :
 DBTZ0MSD

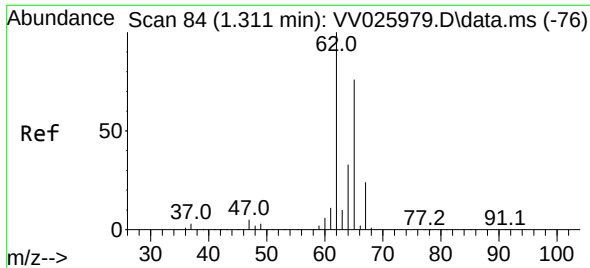
Tgt Ion: 85 Resp: 151747
 Ion Ratio Lower Upper
 85 100
 87 32.6 26.0 39.0



#3
 Chloromethane
 Concen: 41.919 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: VV025989.D
 Acq: 02 Jun 2022 17:10

Tgt Ion: 50 Resp: 177571
 Ion Ratio Lower Upper
 50 100
 52 33.4 23.2 43.2

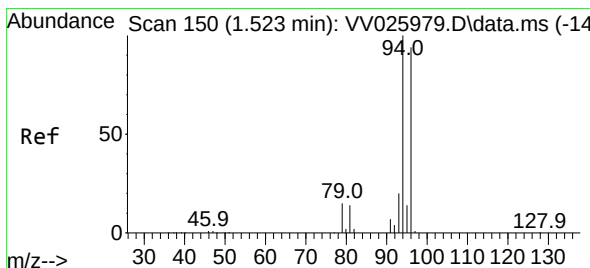
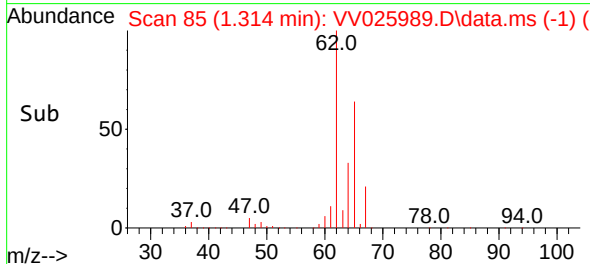
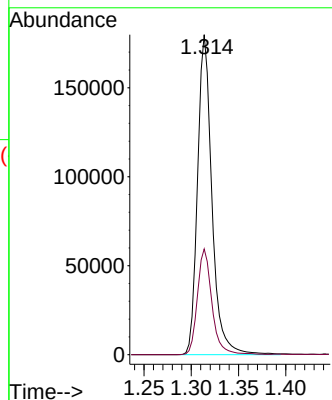
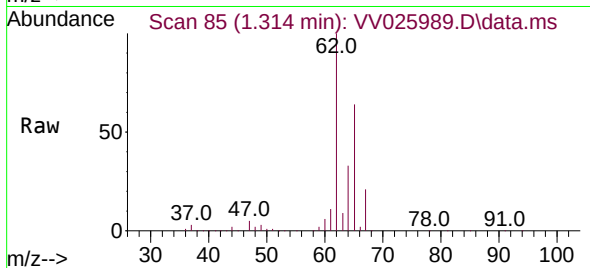




#5
 Vinyl chloride
 Concen: 44.243 ug/L
 RT: 1.314 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV025989.D
 Acq: 02 Jun 2022 17:10

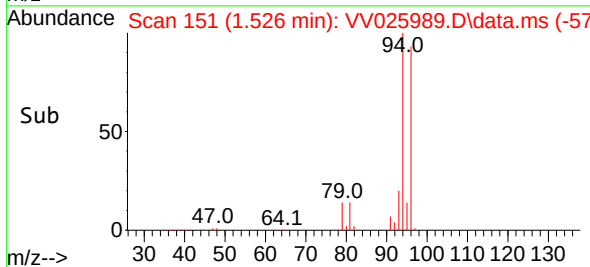
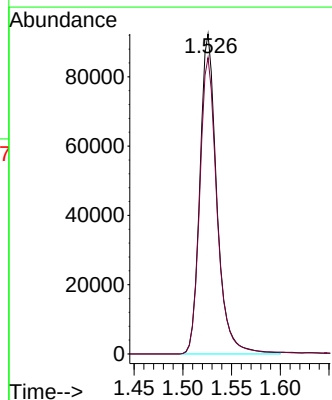
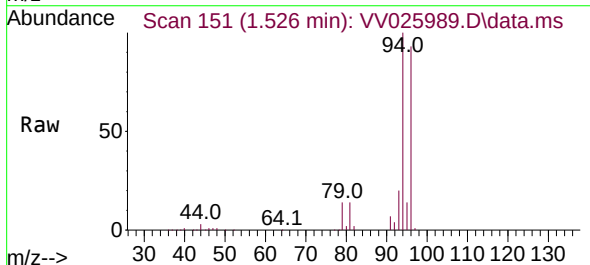
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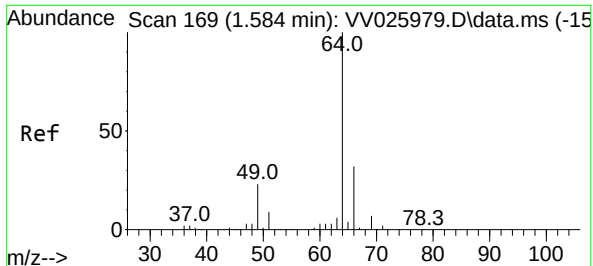
Tgt Ion: 62 Resp: 190537
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.2 43.0



#6
 Bromomethane
 Concen: 42.811 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.003 min
 Lab File: VV025989.D
 Acq: 02 Jun 2022 17:10

Tgt Ion: 94 Resp: 112033
 Ion Ratio Lower Upper
 94 100
 96 92.6 65.9 122.3

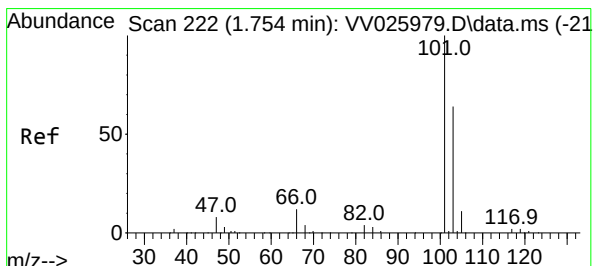
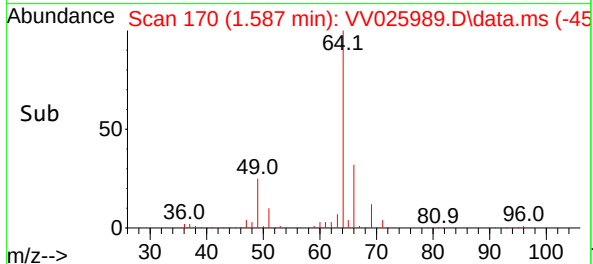
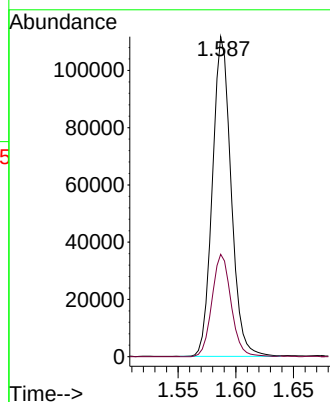
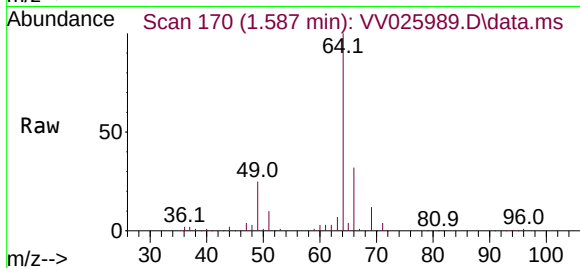




#8
Chloroethane
Concen: 39.066 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV025989.D
Acq: 02 Jun 2022 17:10

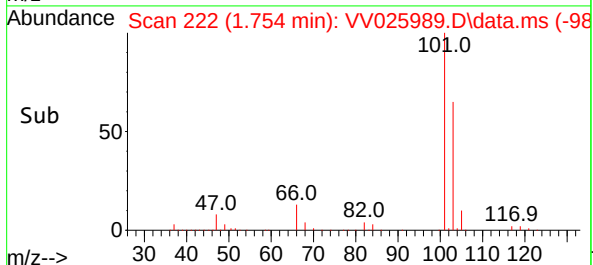
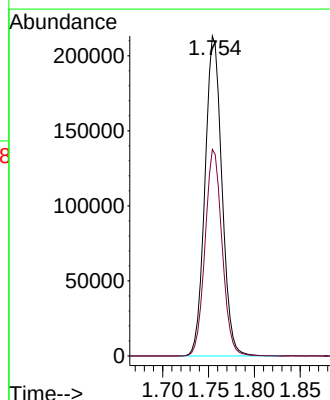
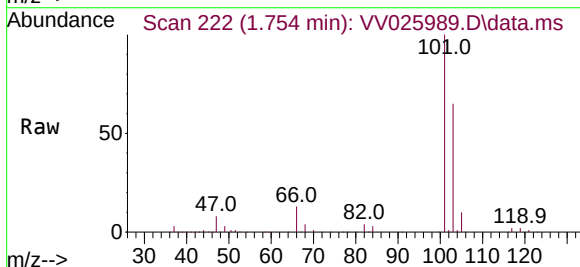
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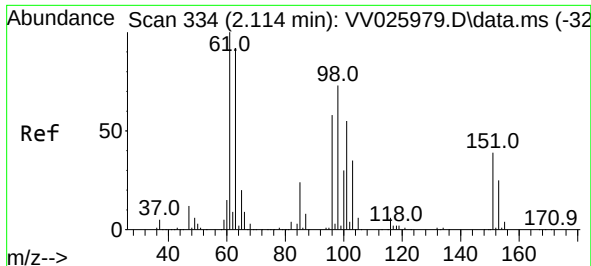
Tgt Ion: 64 Resp: 125647
Ion Ratio Lower Upper
64 100
66 32.0 22.9 42.5



#9
Trichlorofluoromethane
Concen: 44.790 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV025989.D
Acq: 02 Jun 2022 17:10

Tgt Ion:101 Resp: 274125
Ion Ratio Lower Upper
101 100
103 64.8 51.5 77.3

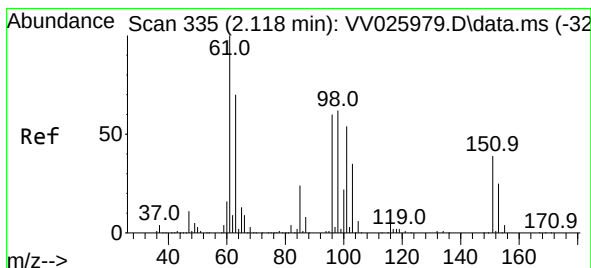
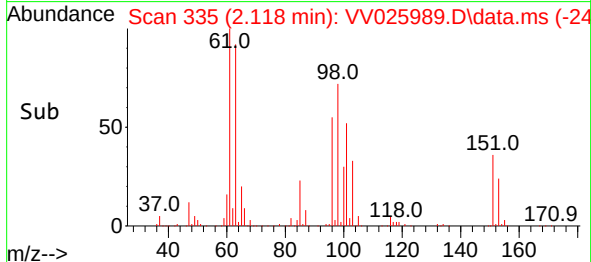
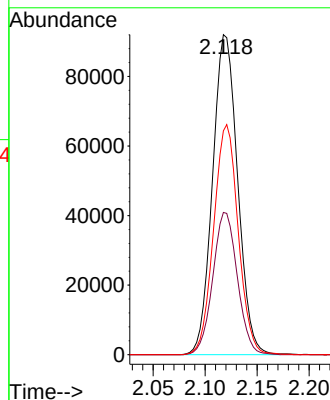
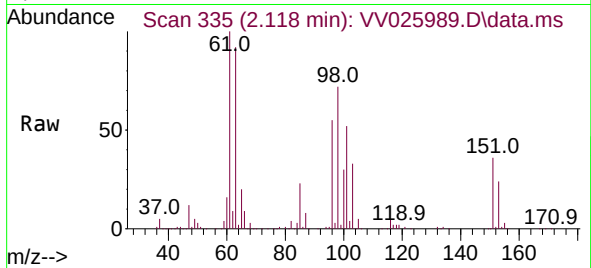




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 47.519 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.003 min
 Lab File: VV025989.D
 Acq: 02 Jun 2022 17:10

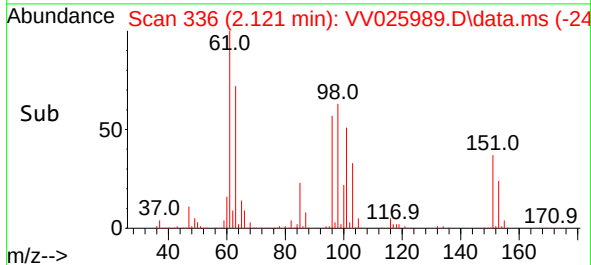
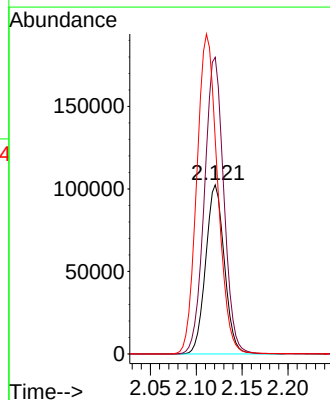
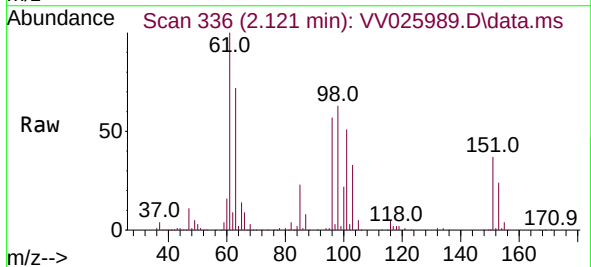
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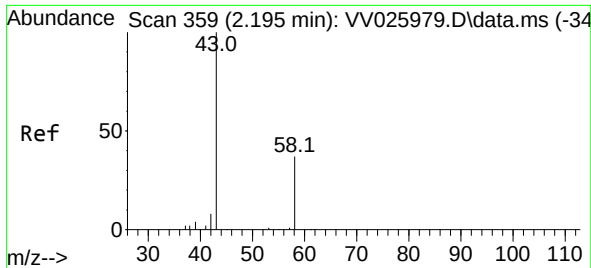
Tgt Ion:101 Resp: 154516
 Ion Ratio Lower Upper
 101 100
 85 43.5 34.6 51.8
 151 70.4 54.3 81.5



#12
 1,1-Dichloroethene
 Concen: 45.425 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV025989.D
 Acq: 02 Jun 2022 17:10

Tgt Ion: 96 Resp: 145278
 Ion Ratio Lower Upper
 96 100
 61 175.4 124.6 231.4
 63 126.8 101.6 188.6





#13

Acetone

Concen: 84.841 ug/L

RT: 2.185 min Scan# 31

Delta R.T. -0.010 min

Lab File: VV025989.D

Acq: 02 Jun 2022 17:10

Instrument :

MSVOA_V

ClientSampleId :

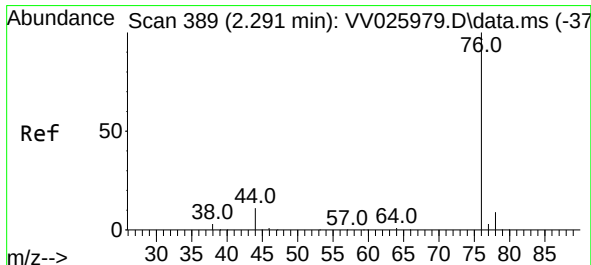
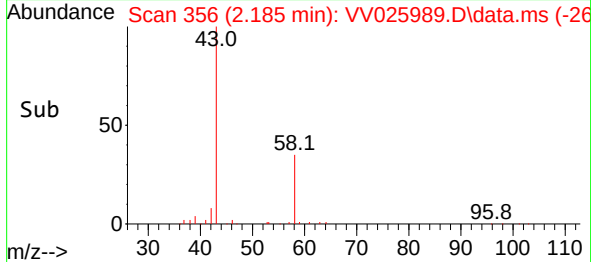
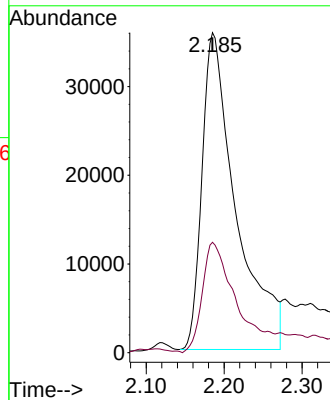
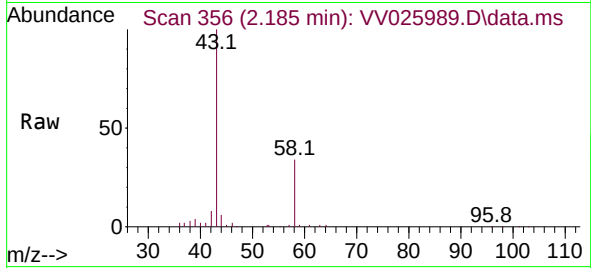
DBTZ0MSD

Tgt Ion: 43 Resp: 108494

Ion Ratio Lower Upper

43 100

58 33.4 0.0 65.0



#14

Carbon disulfide

Concen: 44.970 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.003 min

Lab File: VV025989.D

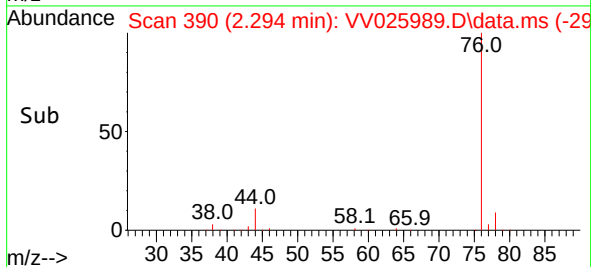
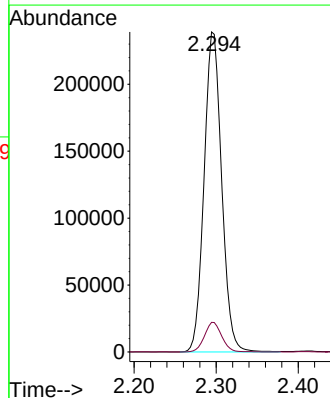
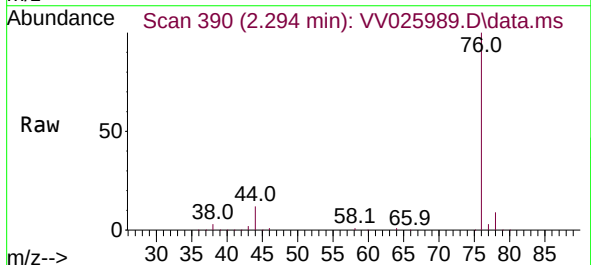
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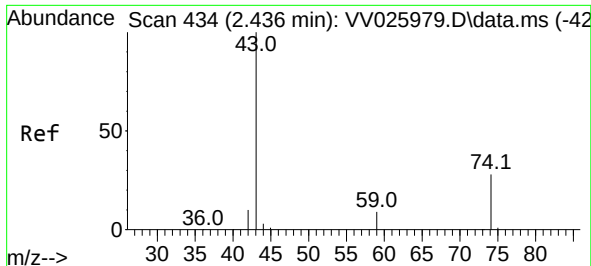
Tgt Ion: 76 Resp: 355742

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0





#15

Methyl Acetate

Concen: 46.052 ug/L

RT: 2.439 min Scan# 41

Delta R.T. 0.003 min

Lab File: VV025989.D

Acq: 02 Jun 2022 17:10

Instrument :

MSVOA_V

ClientSampleId :

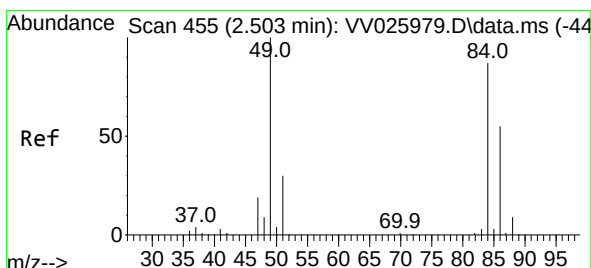
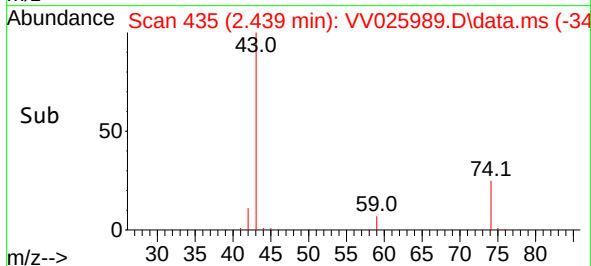
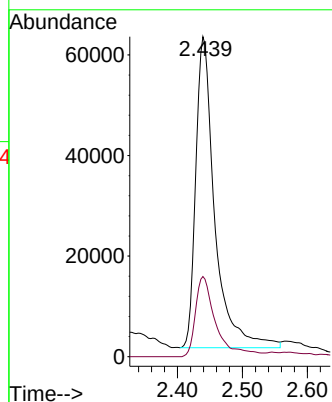
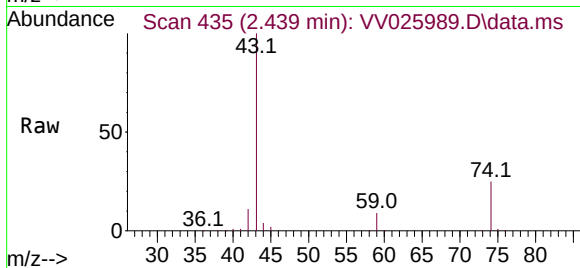
DBTZ0MSD

Tgt Ion: 43 Resp: 126168

Ion Ratio Lower Upper

43 100

74 25.1 20.7 31.1



#16

Methylene chloride

Concen: 50.045 ug/L

RT: 2.510 min Scan# 457

Delta R.T. 0.006 min

Lab File: VV025989.D

Acq: 02 Jun 2022 17:10

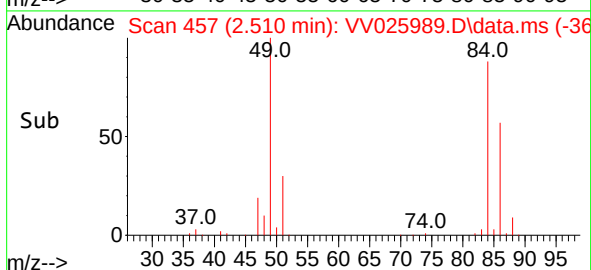
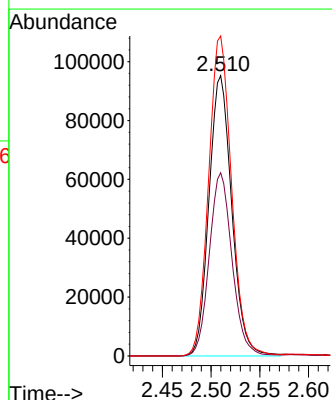
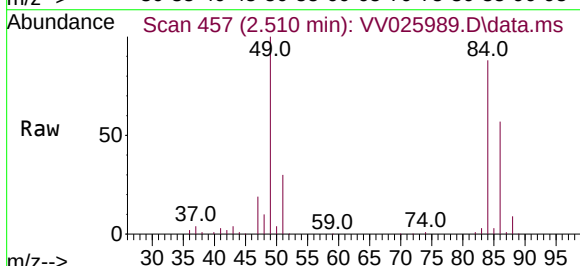
Tgt Ion: 84 Resp: 155028

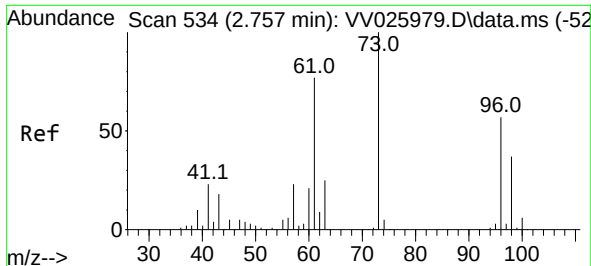
Ion Ratio Lower Upper

84 100

86 65.3 44.2 82.0

49 114.2 82.7 153.5

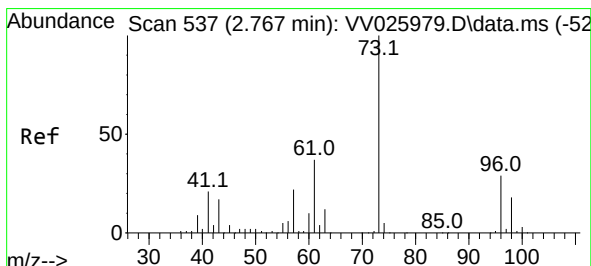
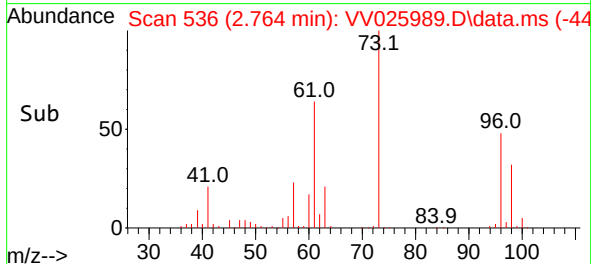
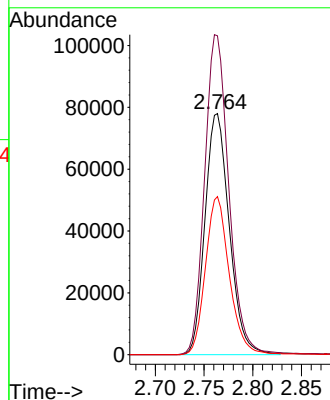
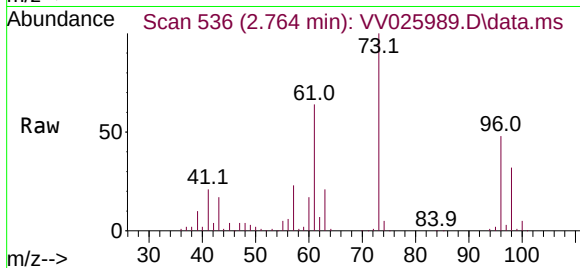




#17
trans-1,2-Dichloroethene
Concen: 49.375 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV025989.D
Acq: 02 Jun 2022 17:10

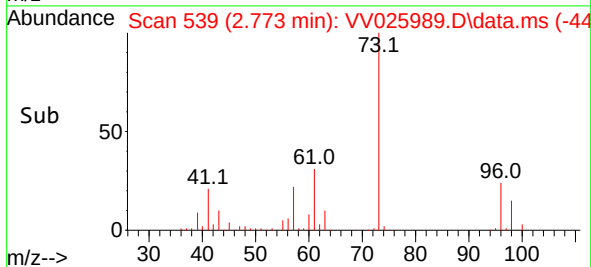
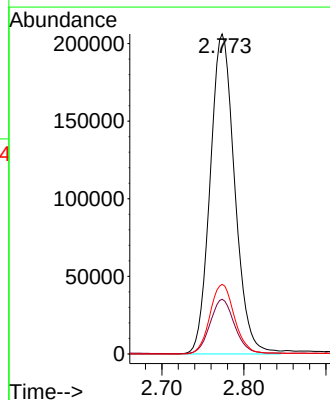
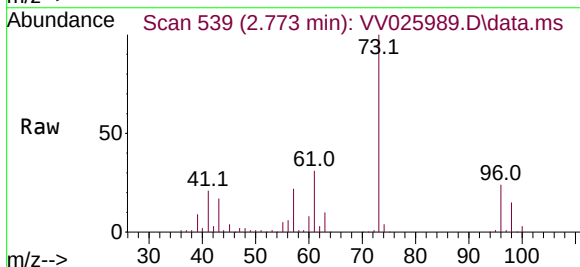
Instrument :
MSVOA_V
ClientSampleId :
DBTZ0MSD

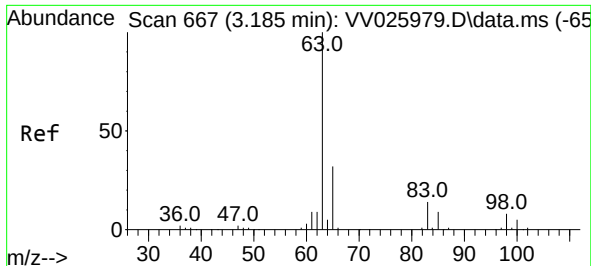
Tgt Ion: 96 Resp: 135668
Ion Ratio Lower Upper
96 100
61 132.3 92.7 172.1
98 65.5 43.1 80.1



#18
Methyl tert-butyl Ether
Concen: 53.684 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.006 min
Lab File: VV025989.D
Acq: 02 Jun 2022 17:10

Tgt Ion: 73 Resp: 429003
Ion Ratio Lower Upper
73 100
43 17.0 14.6 22.0
57 21.9 17.5 26.3





#19

1,1-Dichloroethane

Concen: 51.235 ug/L

RT: 3.191 min Scan# 669

Delta R.T. 0.006 min

Lab File: VV025989.D

Acq: 02 Jun 2022 17:10

Instrument :

MSVOA_V

ClientSampleId :

DBTZ0MSD

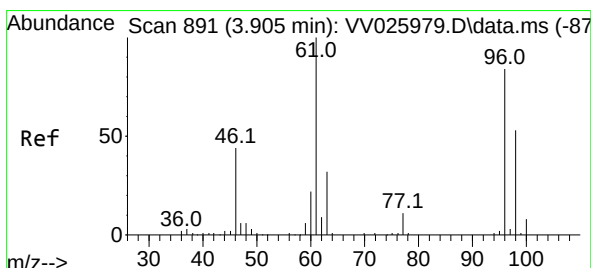
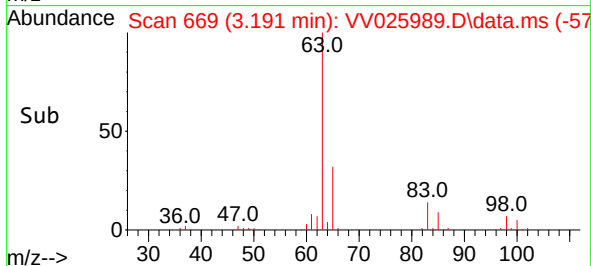
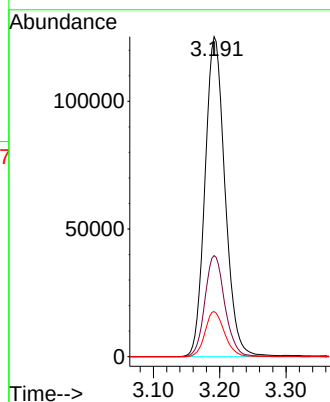
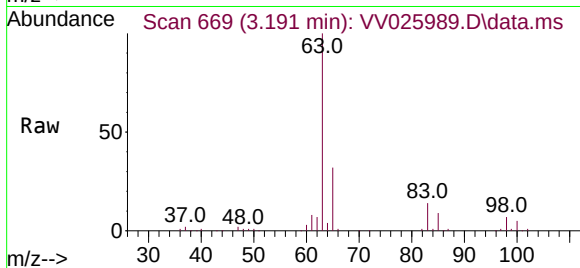
Tgt Ion: 63 Resp: 262947

Ion Ratio Lower Upper

63 100

65 31.6 22.0 40.8

83 14.1 9.2 17.0



#20

cis-1,2-Dichloroethene

Concen: 51.578 ug/L

RT: 3.915 min Scan# 894

Delta R.T. 0.010 min

Lab File: VV025989.D

Acq: 02 Jun 2022 17:10

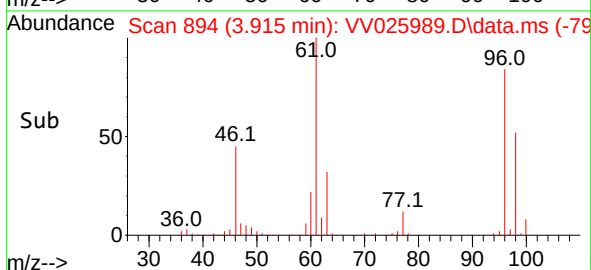
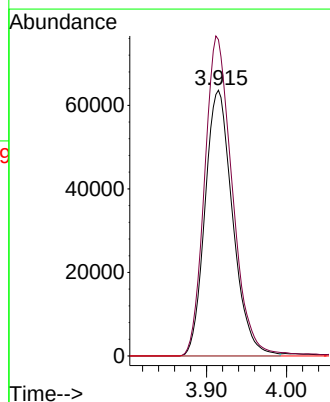
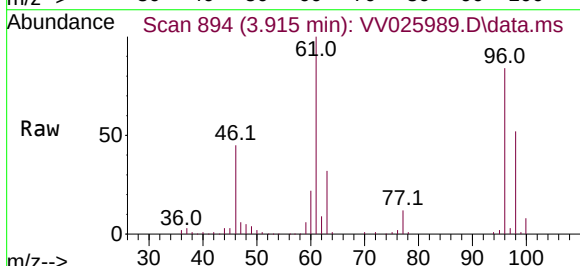
Tgt Ion: 96 Resp: 152975

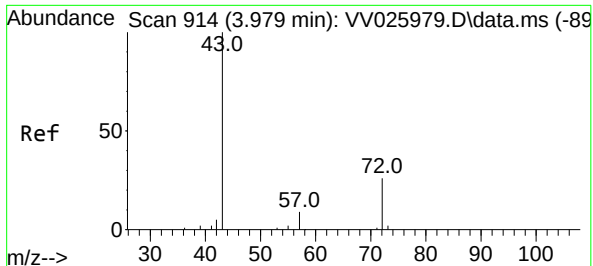
Ion Ratio Lower Upper

96 100

61 119.0 86.0 159.6

68 0.0 0.0 0.0

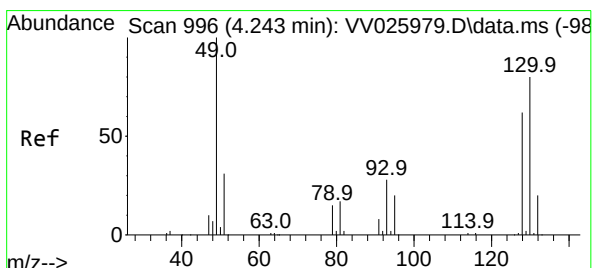
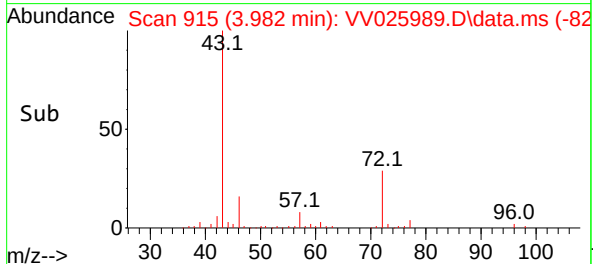
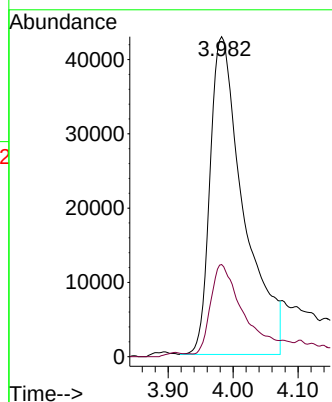
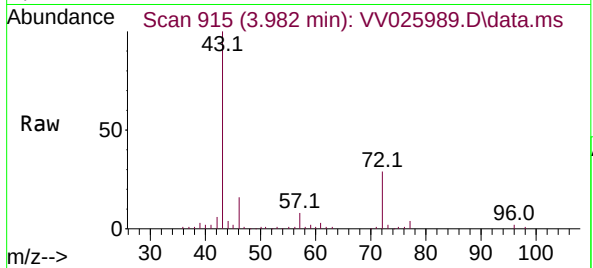




#22
2-Butanone
Concen: 90.262 ug/L
RT: 3.982 min Scan# 914
Delta R.T. 0.003 min
Lab File: VV025989.D
Acq: 02 Jun 2022 17:10

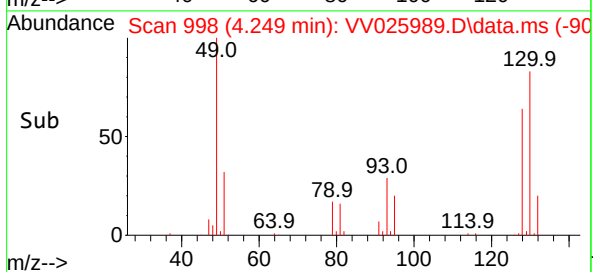
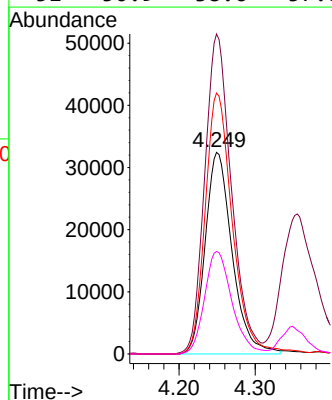
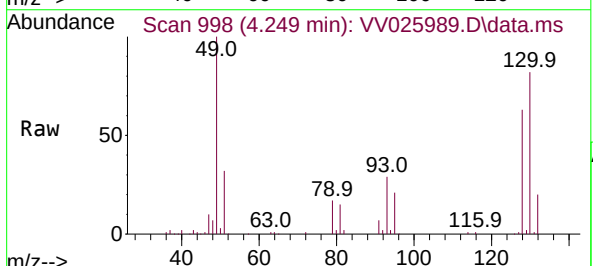
Instrument :
MSVOA_V
ClientSampleId :
DBTZ0MSD

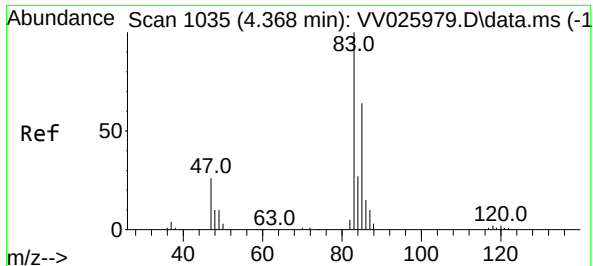
Tgt Ion: 43 Resp: 153931
Ion Ratio Lower Upper
43 100
72 27.1 13.8 41.4



#23
Bromochloromethane
Concen: 50.974 ug/L
RT: 4.249 min Scan# 998
Delta R.T. 0.006 min
Lab File: VV025989.D
Acq: 02 Jun 2022 17:10

Tgt Ion: 128 Resp: 79855
Ion Ratio Lower Upper
128 100
49 158.7 111.0 206.2
130 129.4 87.1 161.7
51 50.9 38.6 57.8

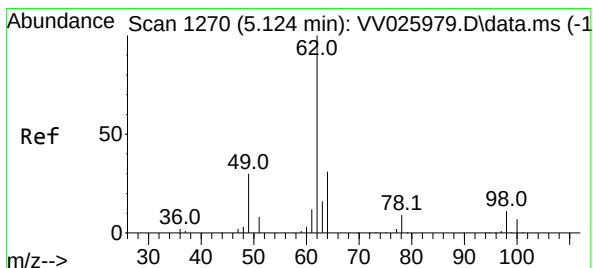
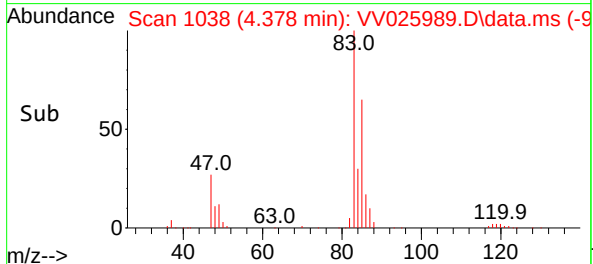
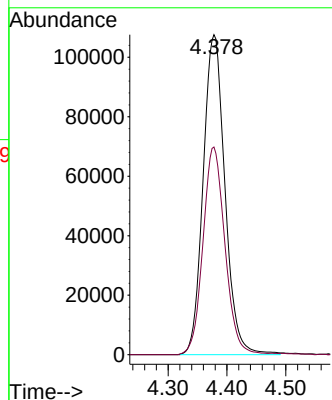
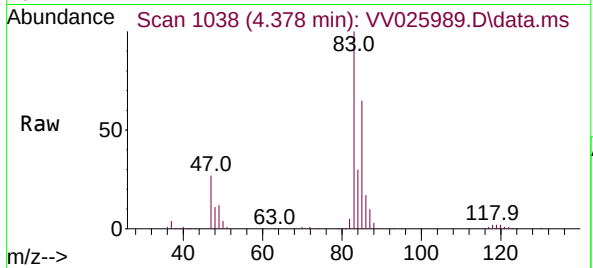




#25
Chloroform
Concen: 50.922 ug/L
RT: 4.378 min Scan# 1035
Delta R.T. 0.010 min
Lab File: VV025989.D
Acq: 02 Jun 2022 17:10

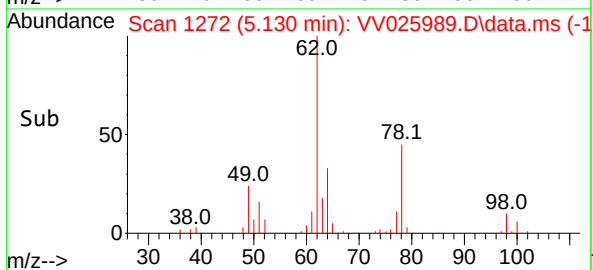
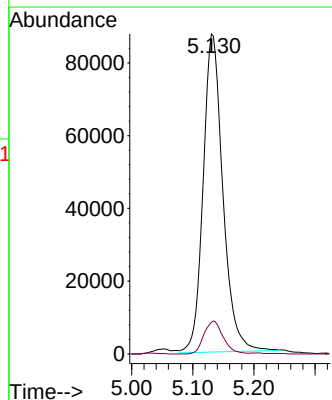
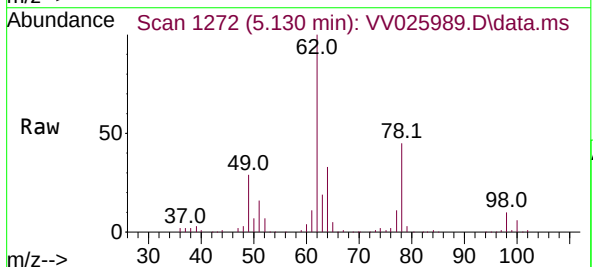
Instrument :
MSVOA_V
ClientSampleId :
DBTZ0MSD

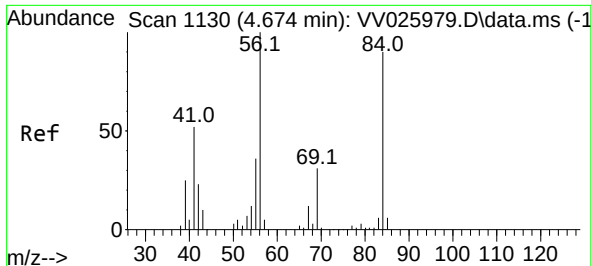
Tgt Ion: 83 Resp: 276934
Ion Ratio Lower Upper
83 100
85 64.9 44.9 83.3



#27
1,2-Dichloroethane
Concen: 47.745 ug/L
RT: 5.130 min Scan# 1272
Delta R.T. 0.006 min
Lab File: VV025989.D
Acq: 02 Jun 2022 17:10

Tgt Ion: 62 Resp: 196314
Ion Ratio Lower Upper
62 100
98 9.9 7.7 11.5





#29

Cyclohexane

Concen: 52.033 ug/L

RT: 4.680 min Scan# 1110

Delta R.T. 0.006 min

Lab File: VV025989.D

Acq: 02 Jun 2022 17:10

Instrument :

MSVOA_V

ClientSampleId :

DBTZ0MSD

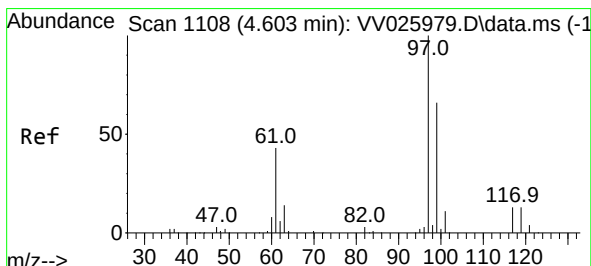
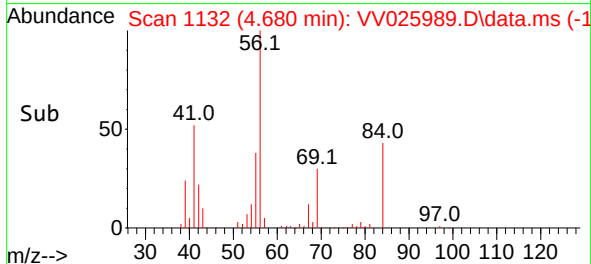
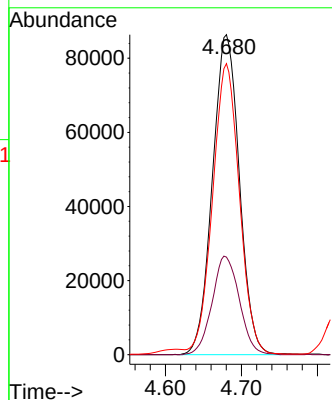
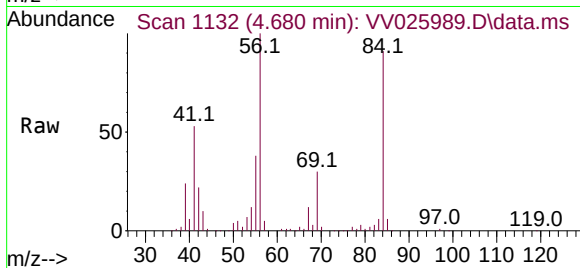
Tgt Ion: 56 Resp: 212465

Ion Ratio Lower Upper

56 100

69 31.1 24.8 37.2

84 90.2 73.8 110.8



#30

1,1,1-Trichloroethane

Concen: 51.829 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.006 min

Lab File: VV025989.D

Acq: 02 Jun 2022 17:10

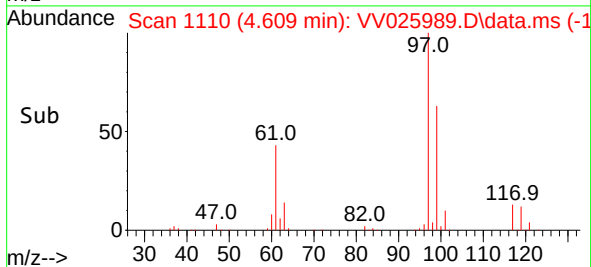
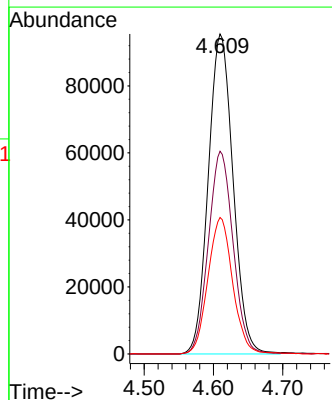
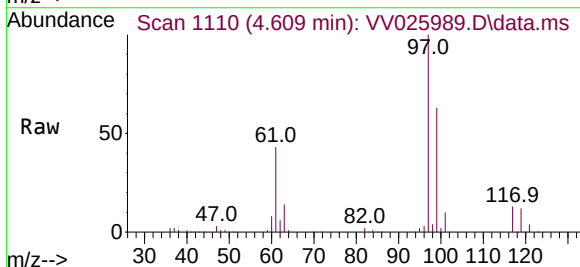
Tgt Ion: 97 Resp: 237406

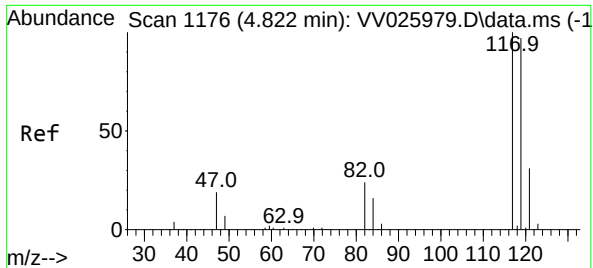
Ion Ratio Lower Upper

97 100

99 63.1 52.6 78.8

61 42.3 35.6 53.4

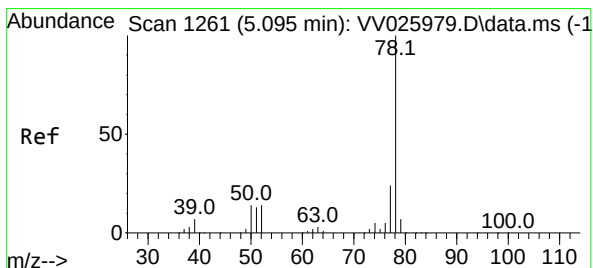
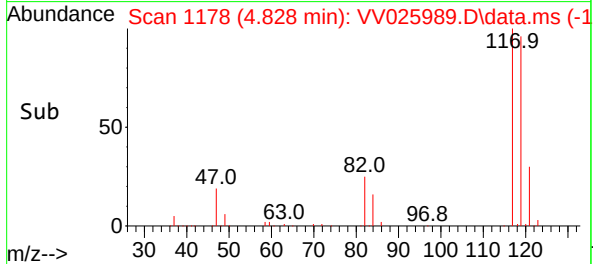
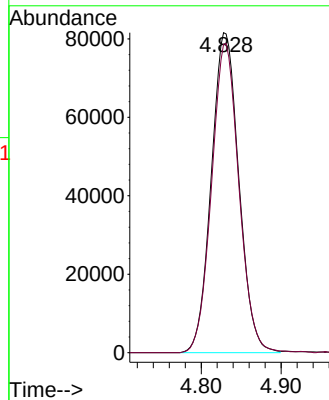
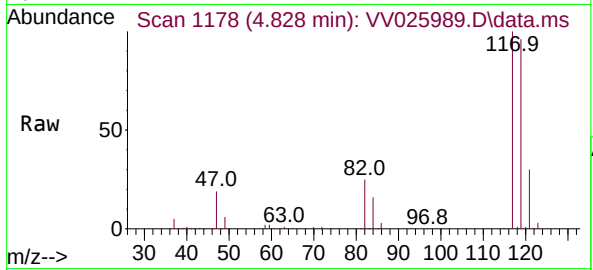




#31
Carbon tetrachloride
Concen: 50.711 ug/L
RT: 4.828 min Scan# 1176
Delta R.T. 0.006 min
Lab File: VV025989.D
Acq: 02 Jun 2022 17:10

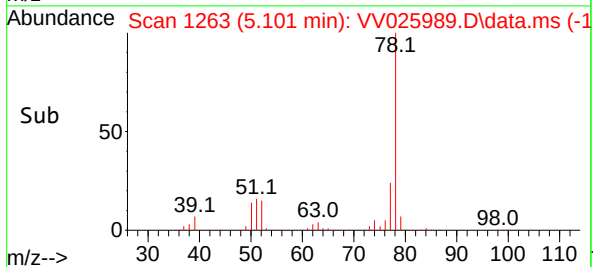
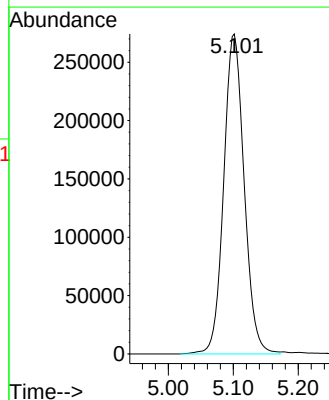
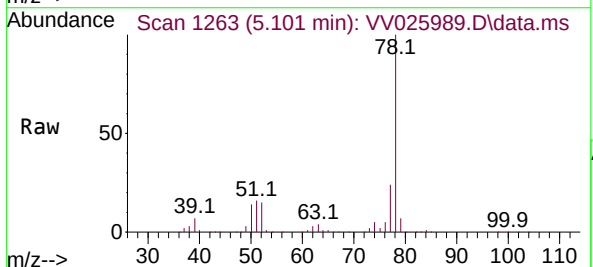
Instrument :
MSVOA_V
ClientSampleId :
DBTZ0MSD

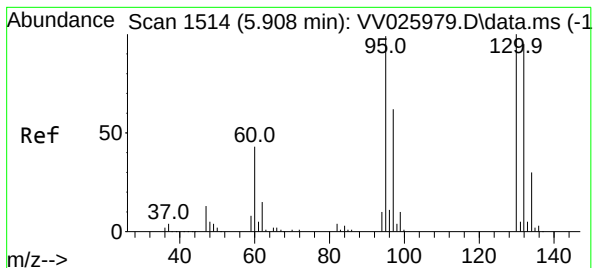
Tgt Ion:117 Resp: 195018
Ion Ratio Lower Upper
117 100
119 96.0 76.9 115.3



#33
Benzene
Concen: 52.739 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VV025989.D
Acq: 02 Jun 2022 17:10

Tgt Ion: 78 Resp: 598935





#34

Trichloroethene

Concen: 50.187 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.006 min

Lab File: VV025989.D

Acq: 02 Jun 2022 17:10

Instrument :

MSVOA_V

ClientSampleId :

DBTZ0MSD

Tgt Ion: 95 Resp: 149074

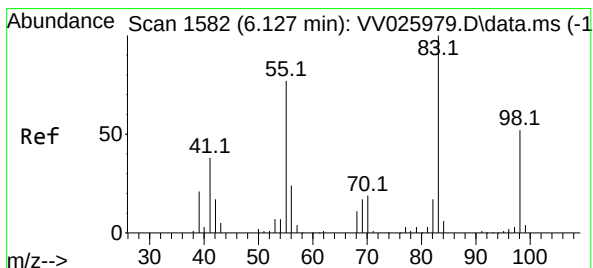
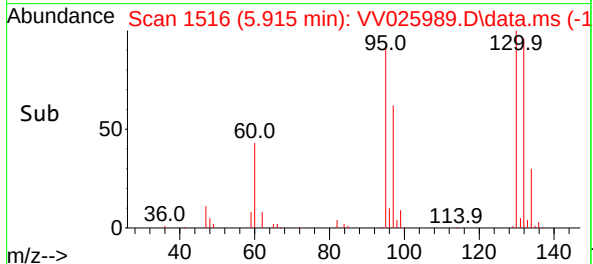
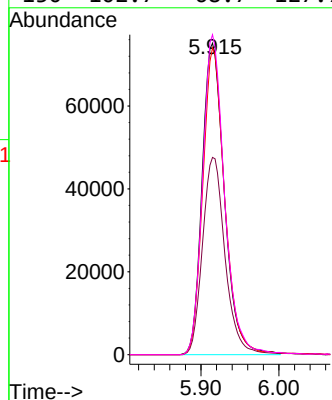
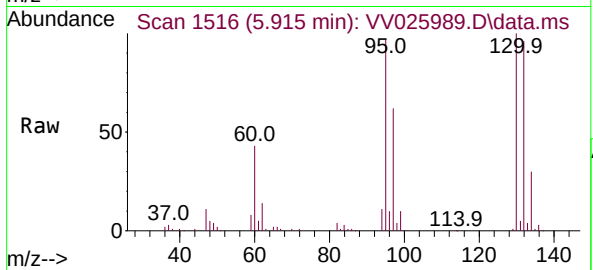
Ion Ratio Lower Upper

95 100

97 63.3 44.2 82.0

132 98.5 67.7 125.7

130 102.7 68.7 127.7



#35

Methylcyclohexane

Concen: 51.039 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. 0.003 min

Lab File: VV025989.D

Acq: 02 Jun 2022 17:10

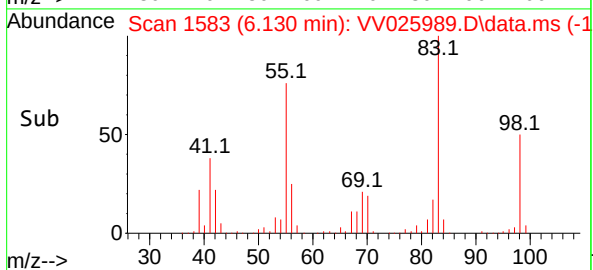
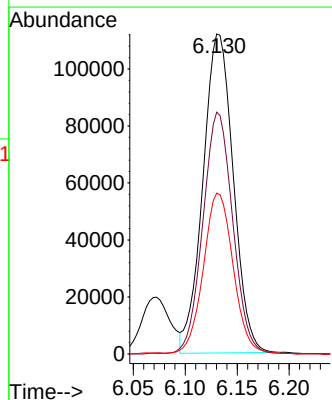
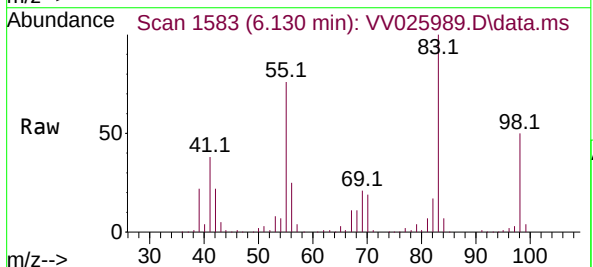
Tgt Ion: 83 Resp: 227060

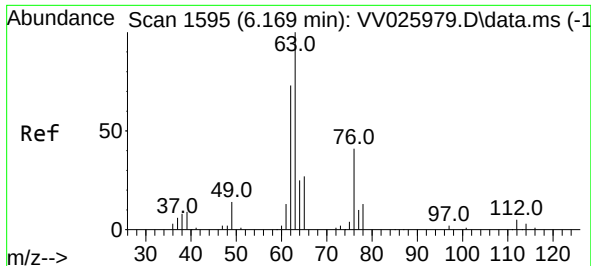
Ion Ratio Lower Upper

83 100

55 74.9 58.6 87.8

98 49.8 39.1 58.7





#37

1,2-Dichloropropane

Concen: 54.528 ug/L

RT: 6.175 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV025989.D

Acq: 02 Jun 2022 17:10

Instrument :

MSVOA_V

ClientSampleId :

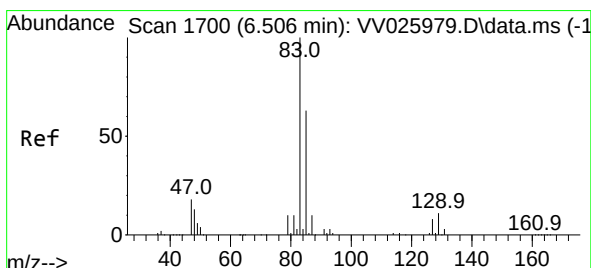
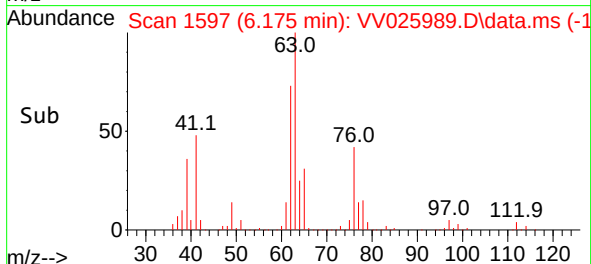
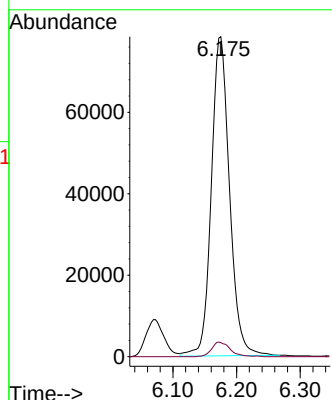
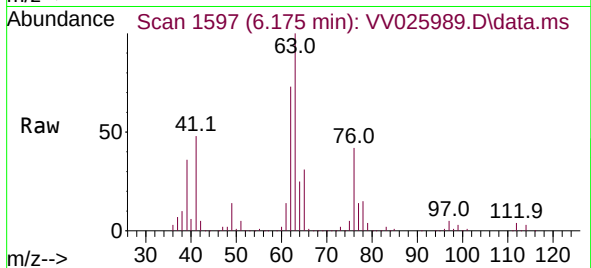
DBTZ0MSD

Tgt Ion: 63 Resp: 155560

Ion Ratio Lower Upper

63 100

112 4.7 3.8 5.6



#38

Bromodichloromethane

Concen: 52.696 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VV025989.D

Acq: 02 Jun 2022 17:10

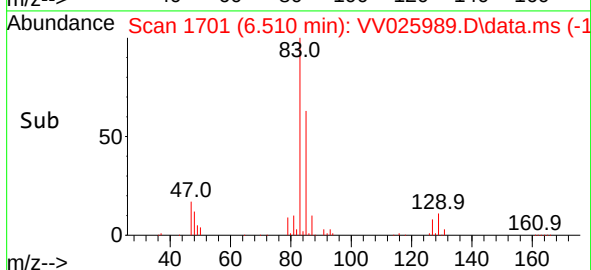
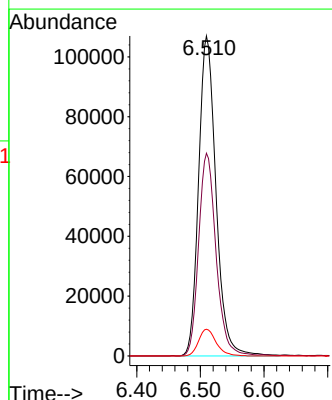
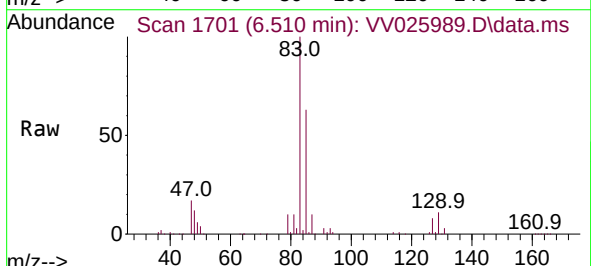
Tgt Ion: 83 Resp: 203293

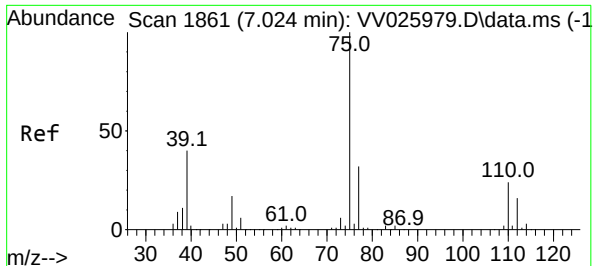
Ion Ratio Lower Upper

83 100

85 63.3 46.0 85.4

127 8.4 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 54.949 ug/L

RT: 7.027 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV025989.D

Acq: 02 Jun 2022 17:10

Instrument :

MSVOA_V

ClientSampleId :

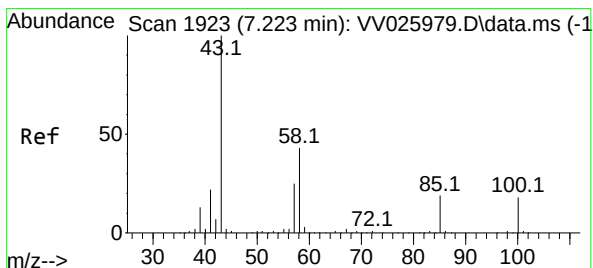
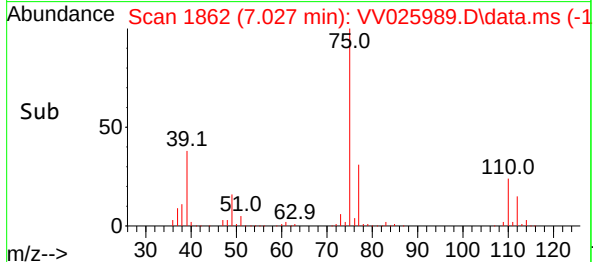
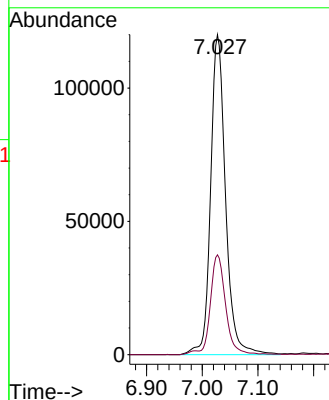
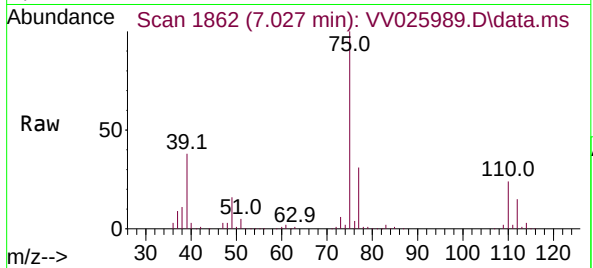
DBTZ0MSD

Tgt Ion: 75 Resp: 223548

Ion Ratio Lower Upper

75 100

77 31.2 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 118.719 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.003 min

Lab File: VV025989.D

Acq: 02 Jun 2022 17:10

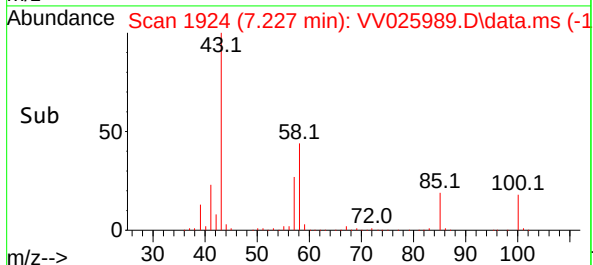
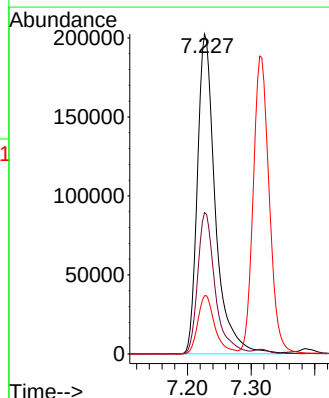
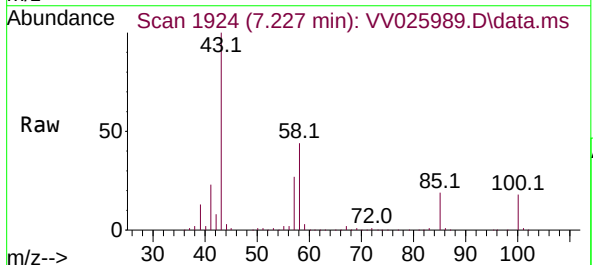
Tgt Ion: 43 Resp: 395895

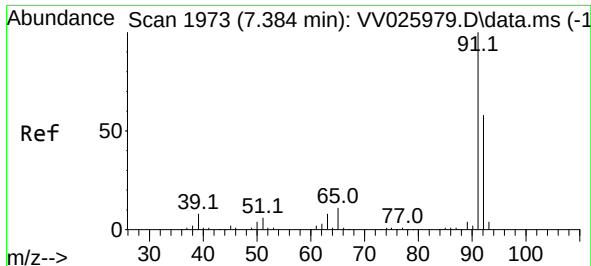
Ion Ratio Lower Upper

43 100

58 43.2 32.9 49.3

100 17.4 13.7 20.5





#42

Toluene

Concen: 53.300 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV025989.D

Acq: 02 Jun 2022 17:10

Instrument :

MSVOA_V

ClientSampleId :

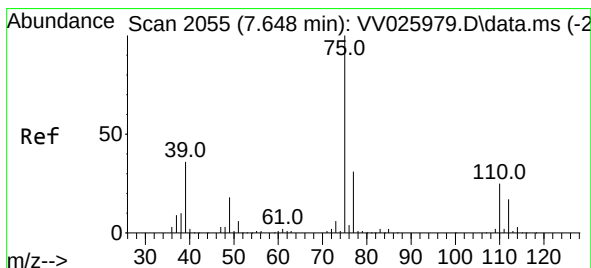
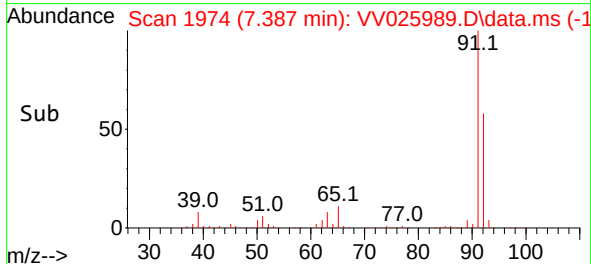
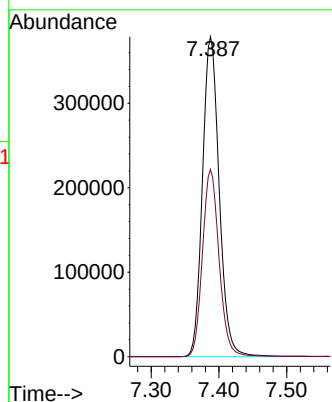
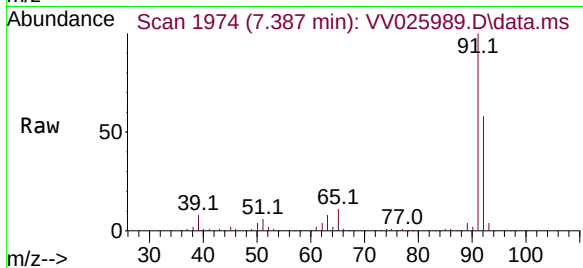
DBTZ0MSD

Tgt Ion: 91 Resp: 649352

Ion Ratio Lower Upper

91 100

92 58.5 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 53.884 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.003 min

Lab File: VV025989.D

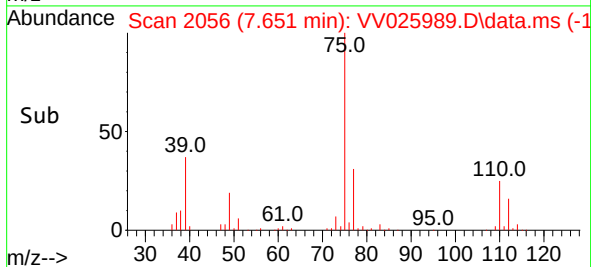
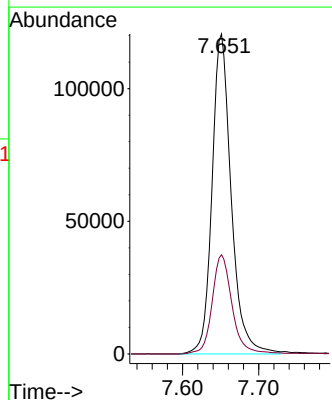
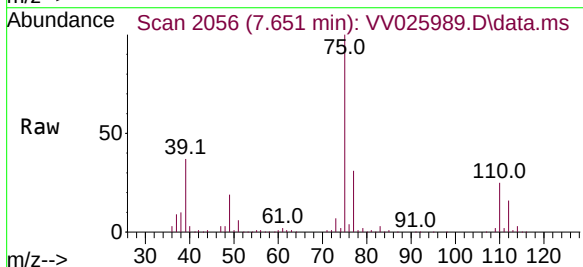
Acq: 02 Jun 2022 17:10

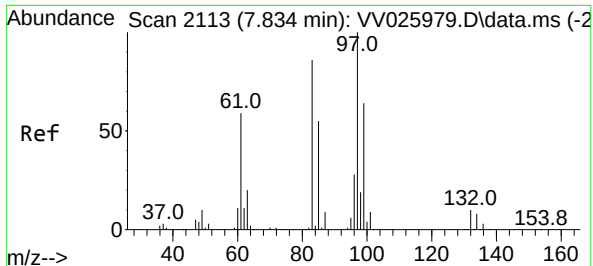
Tgt Ion: 75 Resp: 210896

Ion Ratio Lower Upper

75 100

77 31.0 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 54.017 ug/L

RT: 7.838 min Scan# 2113

Delta R.T. 0.003 min

Lab File: VV025989.D

Acq: 02 Jun 2022 17:10

Instrument :

MSVOA_V

ClientSampleId :

DBTZ0MSD

Tgt Ion: 97 Resp: 156580

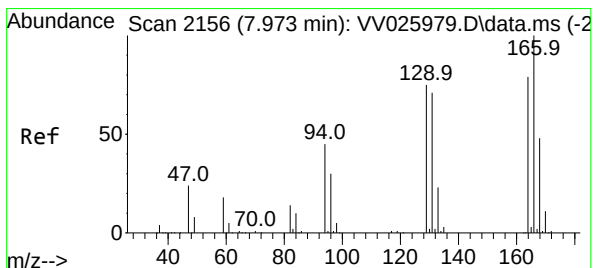
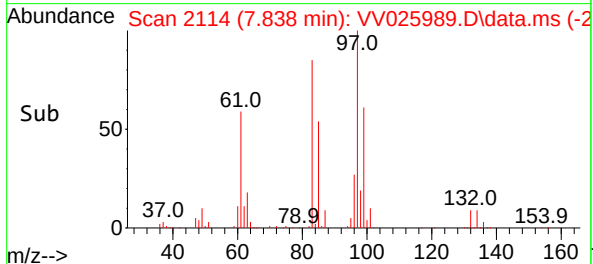
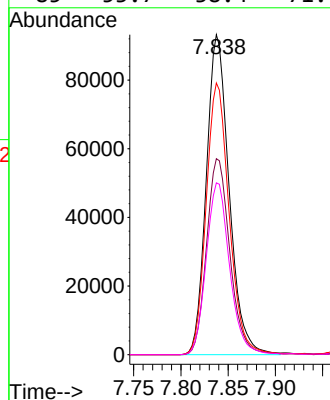
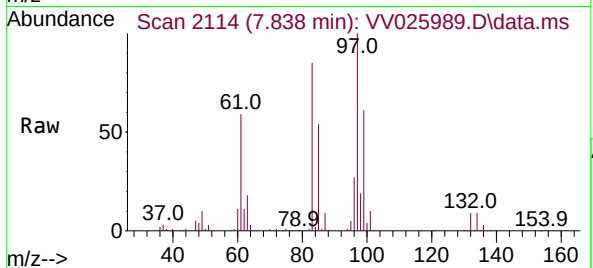
Ion Ratio Lower Upper

97 100

99 61.3 42.6 79.0

83 84.9 59.7 110.9

85 53.7 38.4 71.4



#46

Tetrachloroethene

Concen: 51.646 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV025989.D

Acq: 02 Jun 2022 17:10

Tgt Ion:164 Resp: 113161

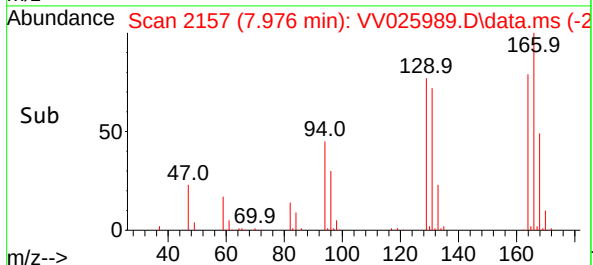
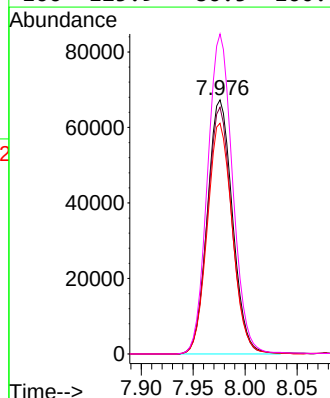
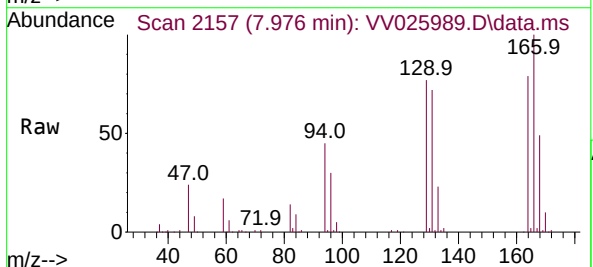
Ion Ratio Lower Upper

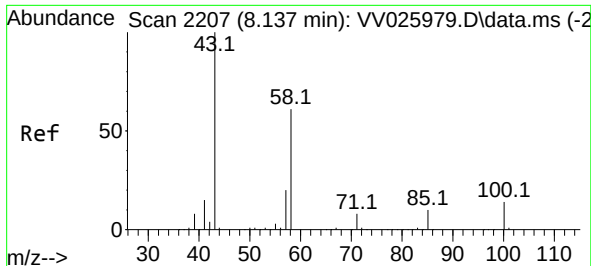
164 100

129 97.1 66.8 124.2

131 90.8 66.7 123.9

166 125.9 86.5 160.7



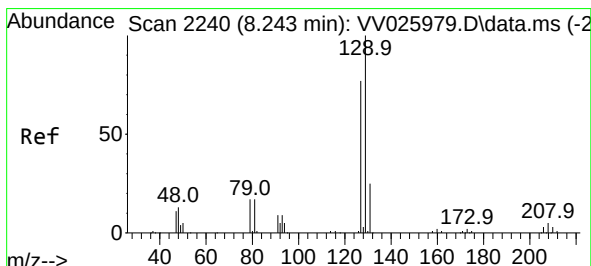
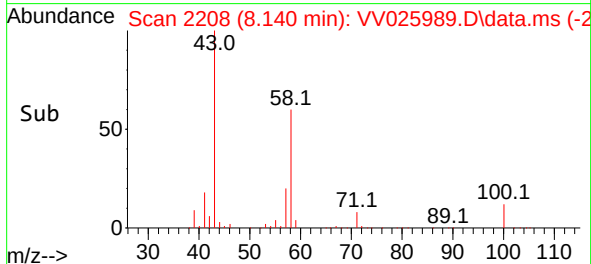
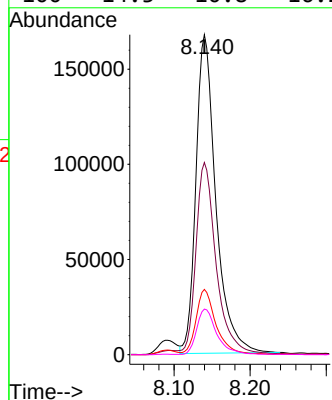
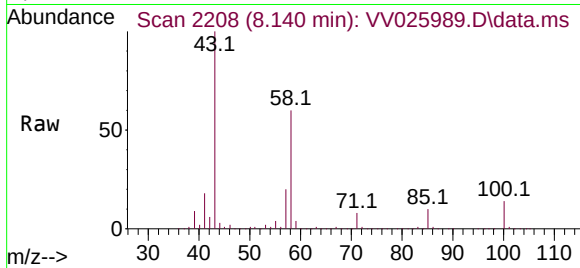


#48
2-Hexanone
Concen: 117.618 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV025989.D
Acq: 02 Jun 2022 17:10

Instrument :
MSVOA_V
ClientSampleId :
DBTZ0MSD

Tgt Ion: 43 Resp: 305177

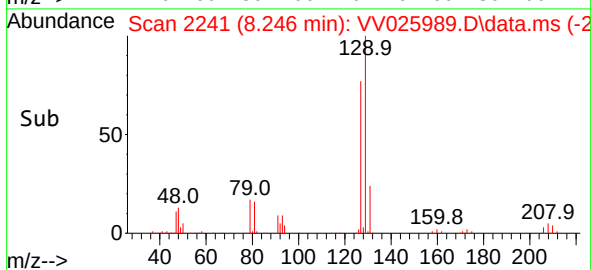
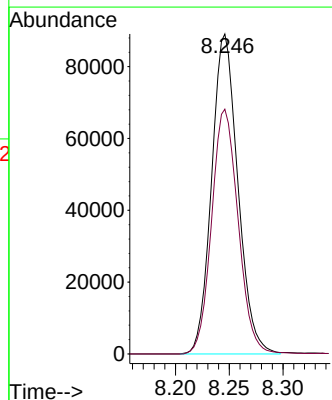
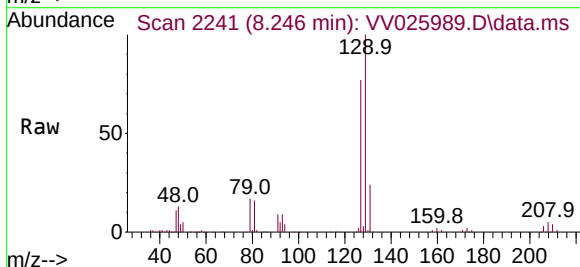
Ion	Ratio	Lower	Upper
43	100		
58	60.5	45.9	68.9
57	20.8	15.4	23.2
100	14.3	10.8	16.2

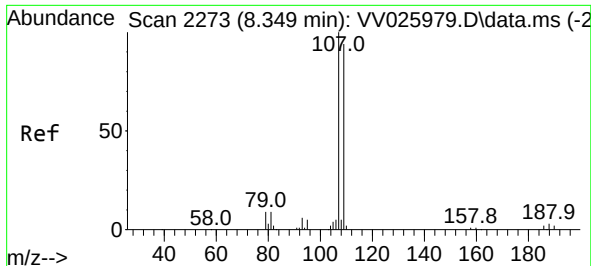


#49
Dibromochloromethane
Concen: 52.965 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV025989.D
Acq: 02 Jun 2022 17:10

Tgt Ion: 129 Resp: 151439

Ion	Ratio	Lower	Upper
129	100		
127	76.5	53.5	99.5





#50

1,2-Dibromoethane

Concen: 54.075 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV025989.D

Acq: 02 Jun 2022 17:10

Instrument :

MSVOA_V

ClientSampleId :

DBTZ0MSD

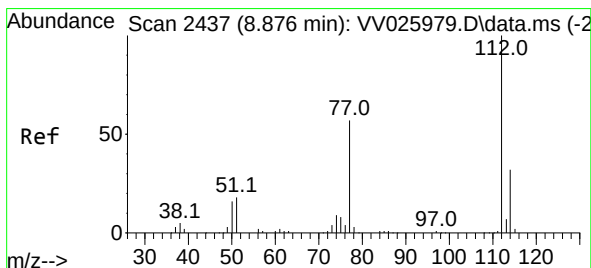
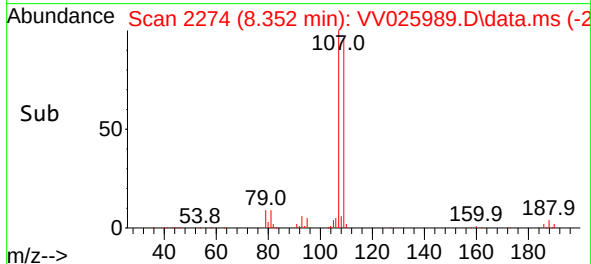
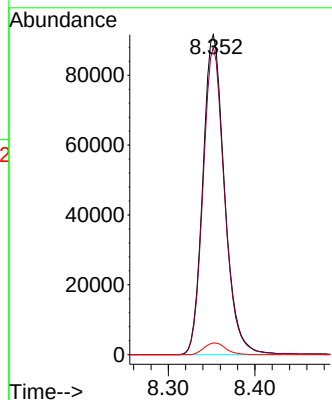
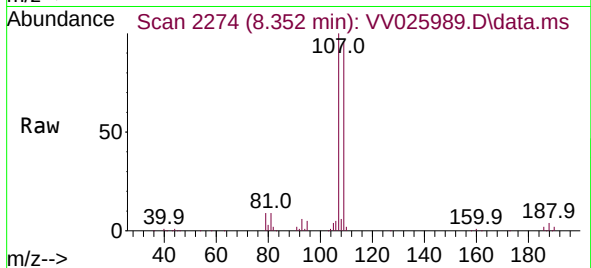
Tgt Ion:107 Resp: 159398

Ion Ratio Lower Upper

107 100

109 96.2 64.1 119.1

188 3.6 2.6 3.8



#51

Chlorobenzene

Concen: 52.210 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.003 min

Lab File: VV025989.D

Acq: 02 Jun 2022 17:10

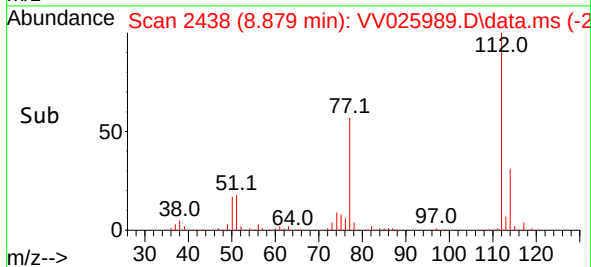
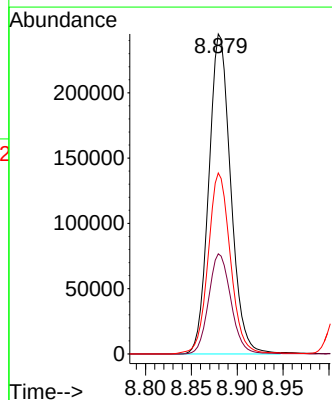
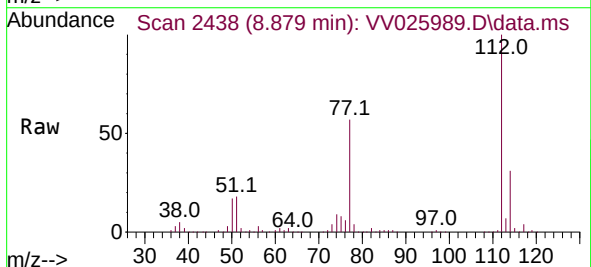
Tgt Ion:112 Resp: 407306

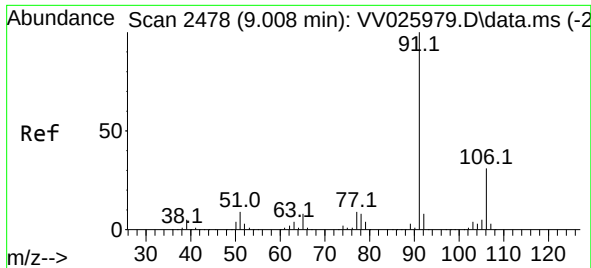
Ion Ratio Lower Upper

112 100

114 31.3 22.0 40.8

77 56.6 45.3 67.9

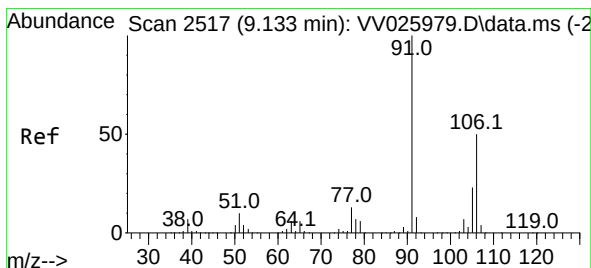
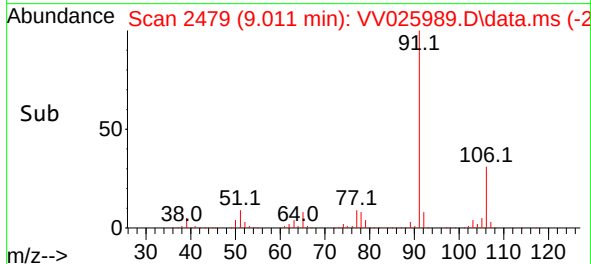
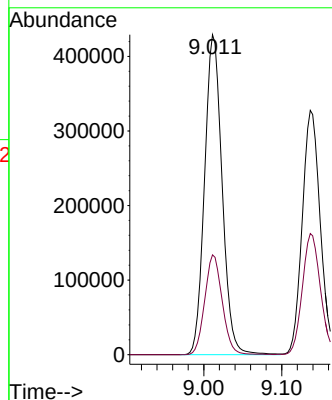
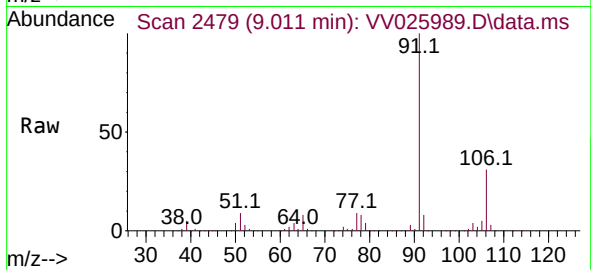




#52
Ethylbenzene
Concen: 53.437 ug/L
RT: 9.011 min Scan# 2478
Delta R.T. 0.003 min
Lab File: VV025989.D
Acq: 02 Jun 2022 17:10

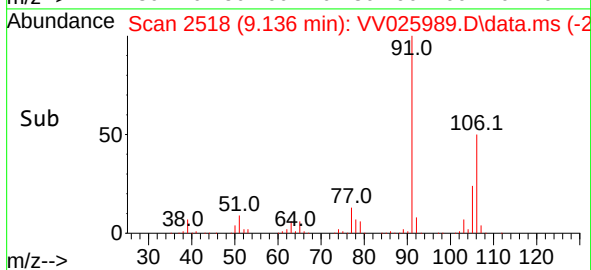
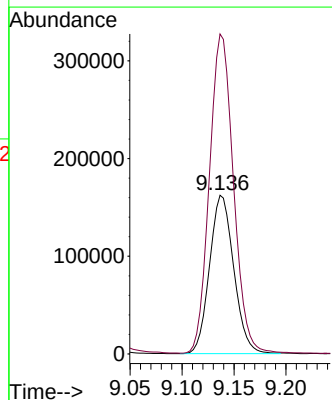
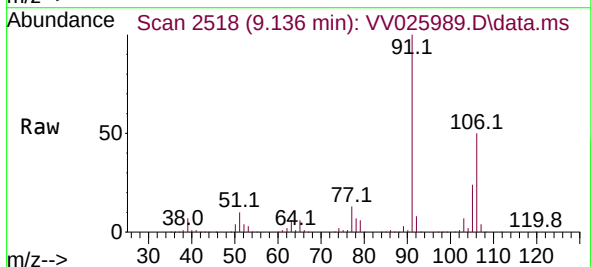
Instrument :
MSVOA_V
ClientSampleId :
DBTZ0MSD

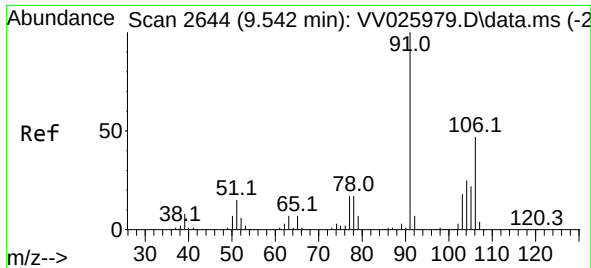
Tgt Ion: 91 Resp: 671652
Ion Ratio Lower Upper
91 100
106 31.2 21.8 40.6



#53
m,p-Xylene
Concen: 53.792 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.003 min
Lab File: VV025989.D
Acq: 02 Jun 2022 17:10

Tgt Ion: 106 Resp: 262248
Ion Ratio Lower Upper
106 100
91 201.7 142.0 263.6

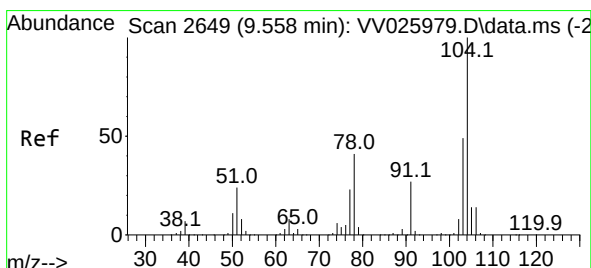
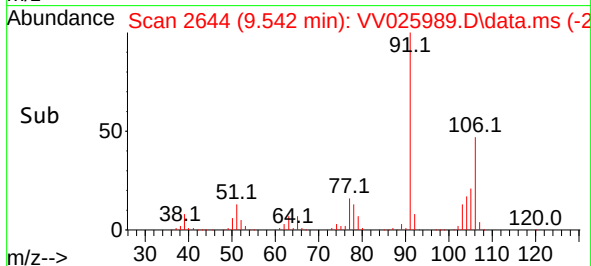
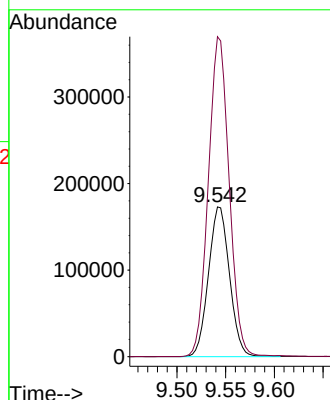
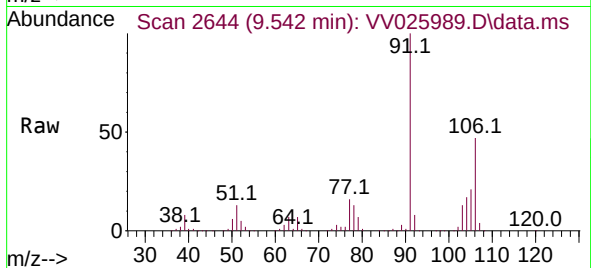




#54
o-Xylene
Concen: 54.284 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV025989.D
Acq: 02 Jun 2022 17:10

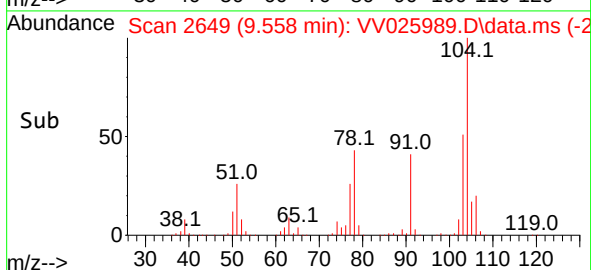
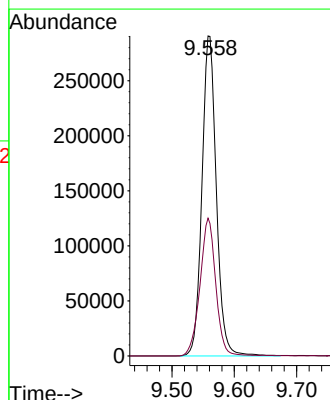
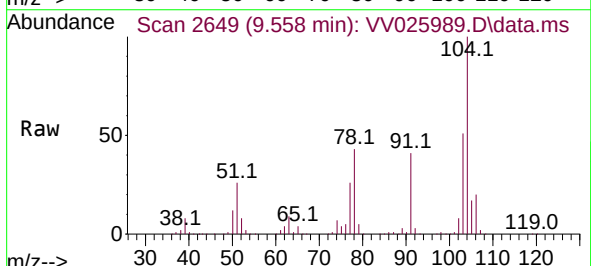
Instrument :
MSVOA_V
ClientSampleId :
DBTZ0MSD

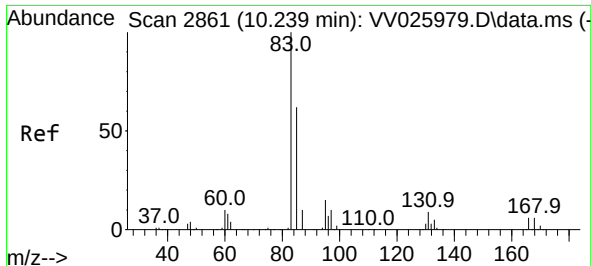
Tgt Ion:106 Resp: 259967
Ion Ratio Lower Upper
106 100
91 213.6 147.4 273.8



#55
Styrene
Concen: 55.908 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV025989.D
Acq: 02 Jun 2022 17:10

Tgt Ion:104 Resp: 466531
Ion Ratio Lower Upper
104 100
78 43.0 29.8 55.3

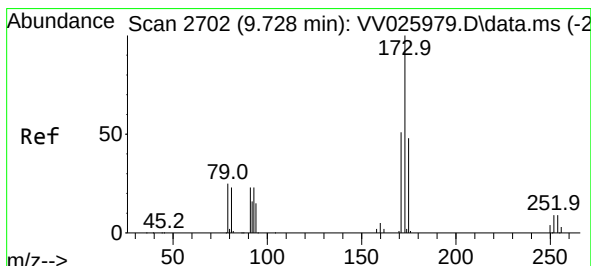
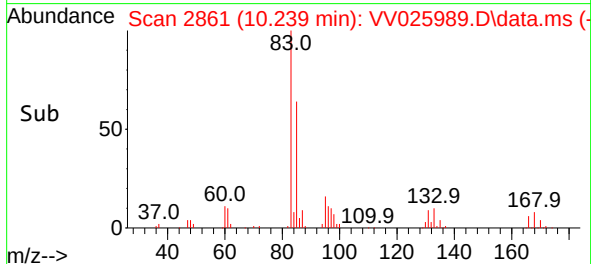
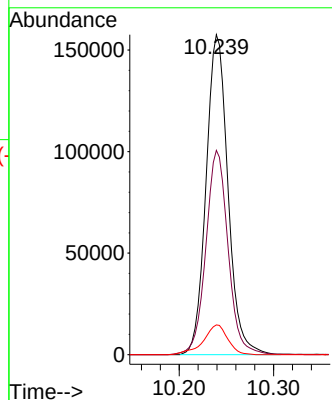
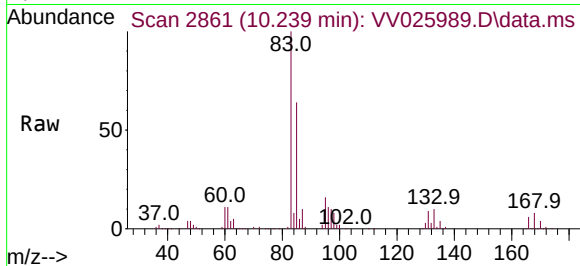




#57
 1,1,2,2-Tetrachloroethane
 Concen: 58.610 ug/L
 RT: 10.239 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV025989.D
 Acq: 02 Jun 2022 17:10

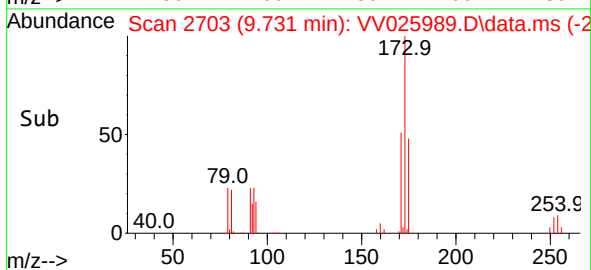
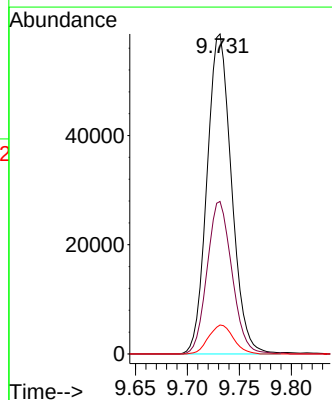
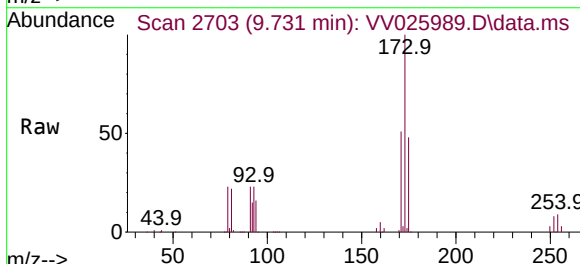
Instrument :
 MSVOA_V
 ClientSampleId :
 DBTZ0MSD

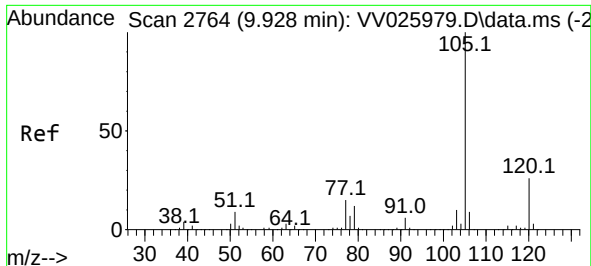
Tgt Ion: 83 Resp: 253487
 Ion Ratio Lower Upper
 83 100
 85 63.8 44.7 82.9
 131 9.3 7.5 11.3



#59
 Bromoform
 Concen: 53.089 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. 0.003 min
 Lab File: VV025989.D
 Acq: 02 Jun 2022 17:10

Tgt Ion: 173 Resp: 96162
 Ion Ratio Lower Upper
 173 100
 175 48.2 38.1 57.1
 254 9.2 7.0 10.6

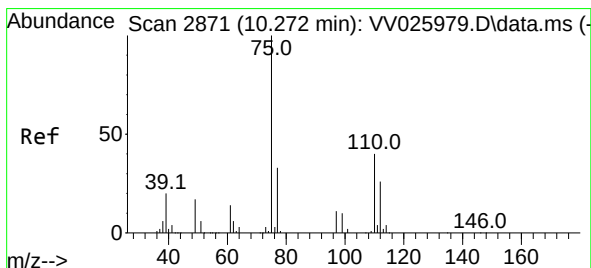
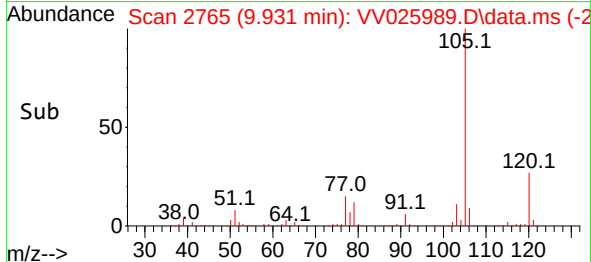
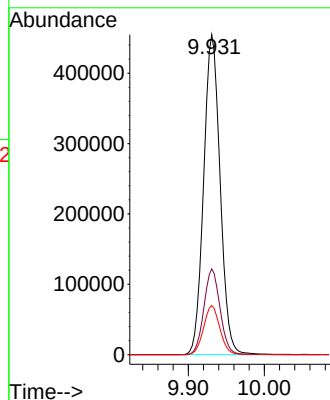
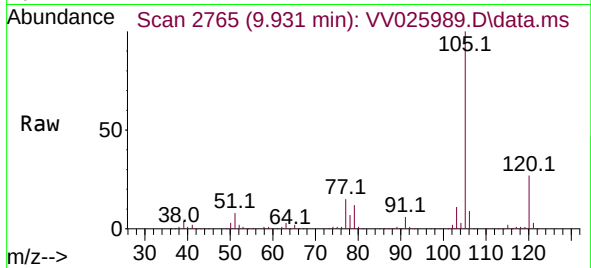




#60
Isopropylbenzene
Concen: 54.426 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV025989.D
Acq: 02 Jun 2022 17:10

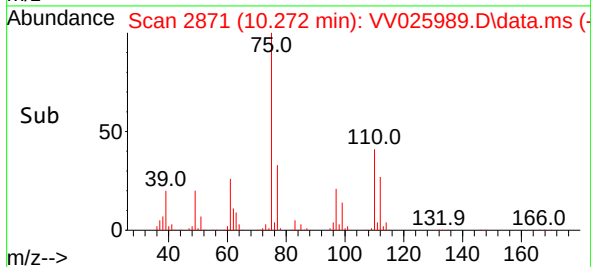
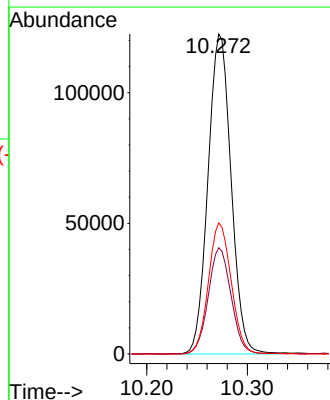
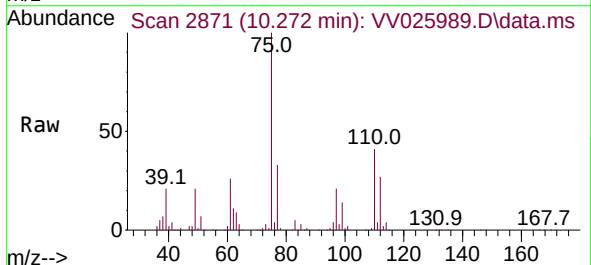
Instrument :
MSVOA_V
ClientSampleId :
DBTZ0MSD

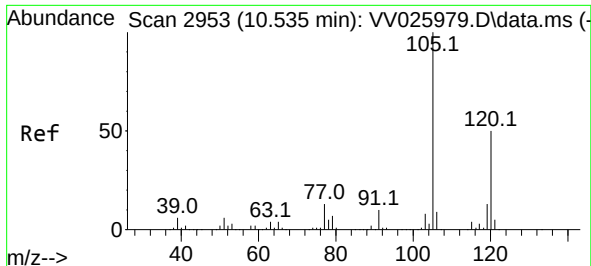
Tgt Ion:105 Resp: 684547
Ion Ratio Lower Upper
105 100
120 26.3 21.0 31.6
77 15.2 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 52.581 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV025989.D
Acq: 02 Jun 2022 17:10

Tgt Ion: 75 Resp: 195424
Ion Ratio Lower Upper
75 100
77 32.5 25.3 37.9
110 40.4 32.3 48.5





#62

1,3,5-Trimethylbenzene

Concen: 54.058 ug/L

RT: 10.538 min Scan# 2953

Delta R.T. 0.003 min

Lab File: VV025989.D

Acq: 02 Jun 2022 17:10

Instrument :

MSVOA_V

ClientSampleId :

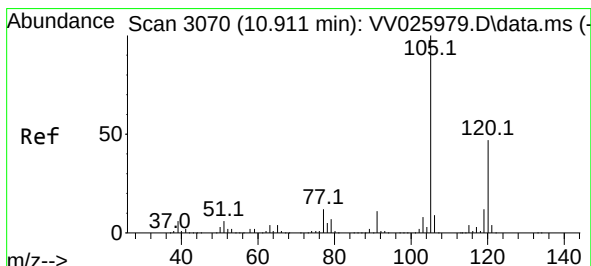
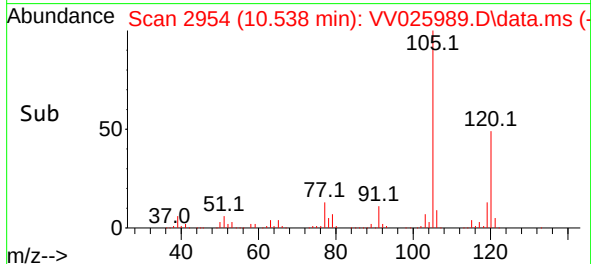
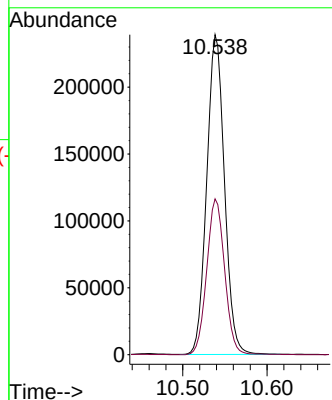
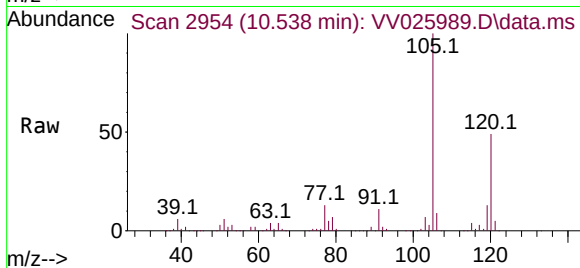
DBTZ0MSD

Tgt Ion:105 Resp: 350464

Ion Ratio Lower Upper

105 100

120 49.2 39.4 59.2



#63

1,2,4-Trimethylbenzene

Concen: 55.756 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV025989.D

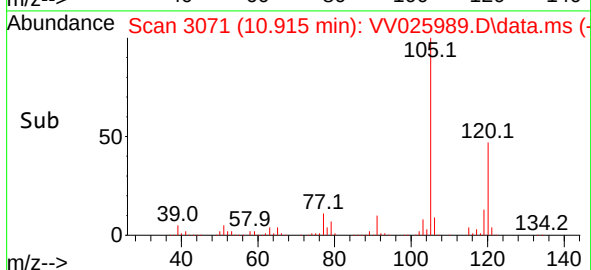
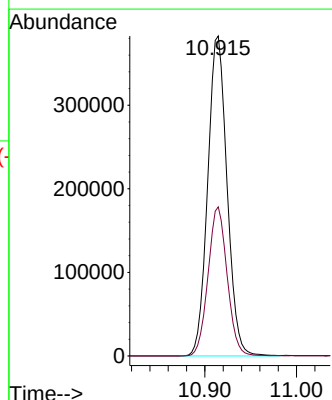
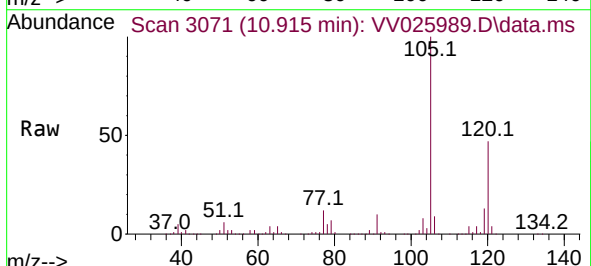
Acq: 02 Jun 2022 17:10

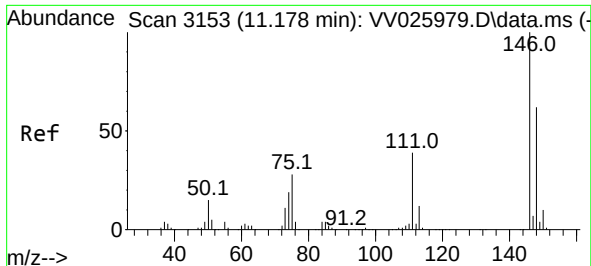
Tgt Ion:105 Resp: 560839

Ion Ratio Lower Upper

105 100

120 46.1 36.6 55.0

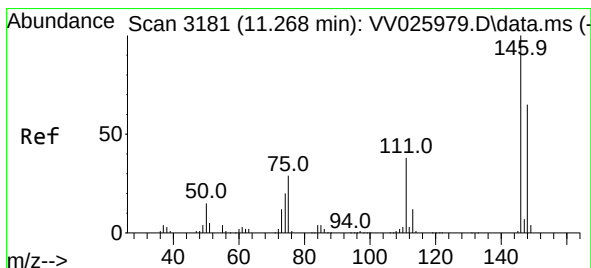
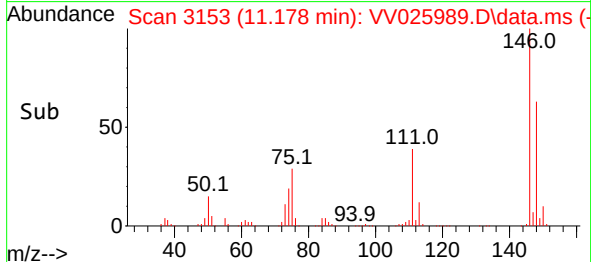
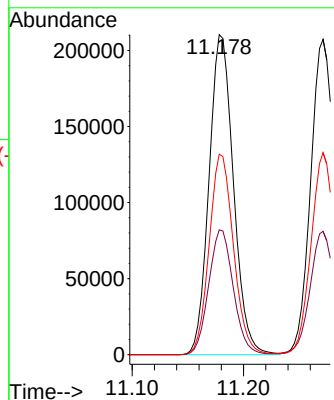
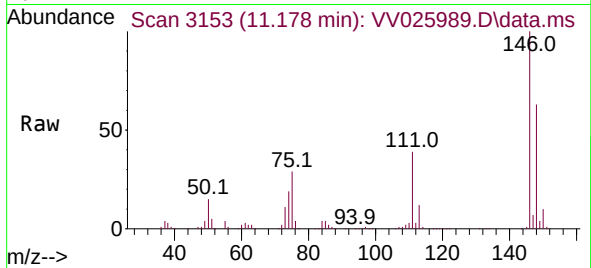




#64
1,3-Dichlorobenzene
Concen: 53.802 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV025989.D
Acq: 02 Jun 2022 17:10

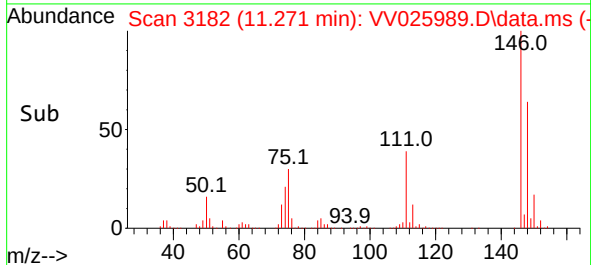
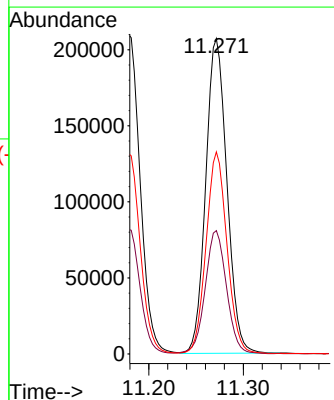
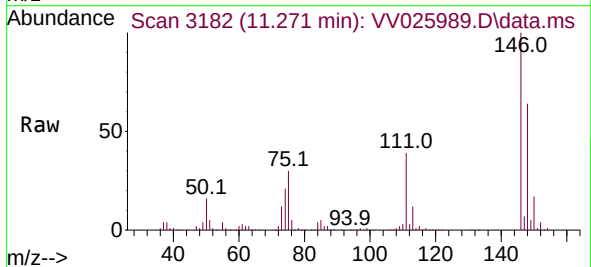
Instrument :
MSVOA_V
ClientSampleId :
DBTZ0MSD

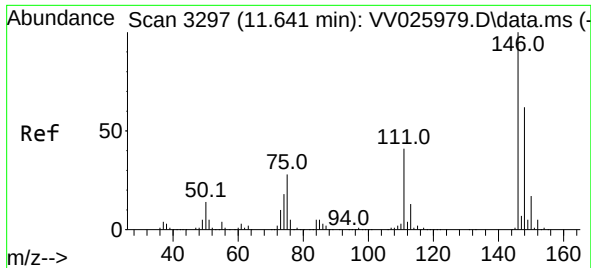
Tgt Ion:146 Resp: 320313
Ion Ratio Lower Upper
146 100
111 39.0 28.1 52.1
148 62.6 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 51.493 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV025989.D
Acq: 02 Jun 2022 17:10

Tgt Ion:146 Resp: 321275
Ion Ratio Lower Upper
146 100
111 39.1 26.7 49.7
148 64.1 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 53.047 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. -0.000 min

Lab File: VV025989.D

Acq: 02 Jun 2022 17:10

Instrument :

MSVOA_V

ClientSampleId :

DBTZ0MSD

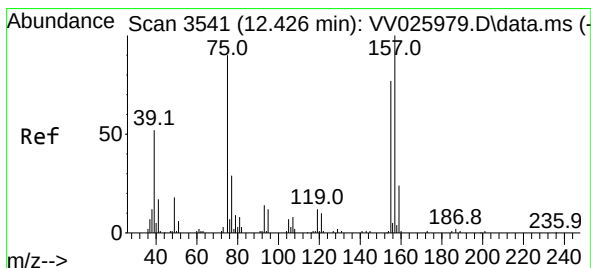
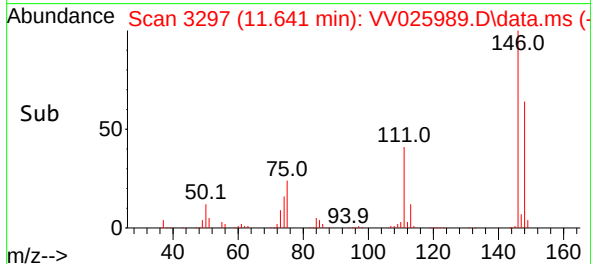
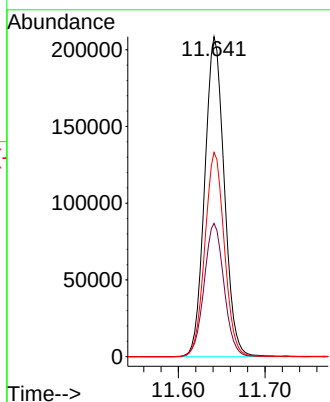
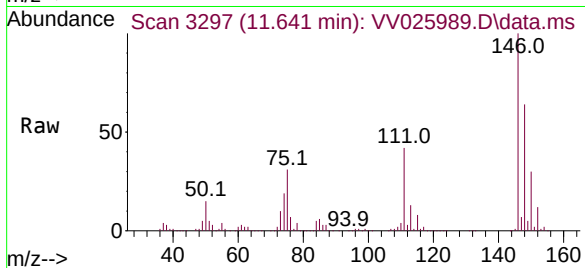
Tgt Ion:146 Resp: 326669

Ion Ratio Lower Upper

146 100

111 41.6 33.7 50.5

148 63.8 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 55.591 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. -0.000 min

Lab File: VV025989.D

Acq: 02 Jun 2022 17:10

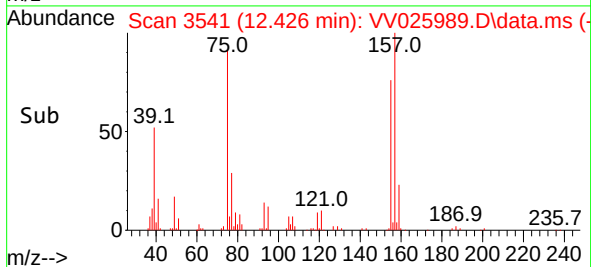
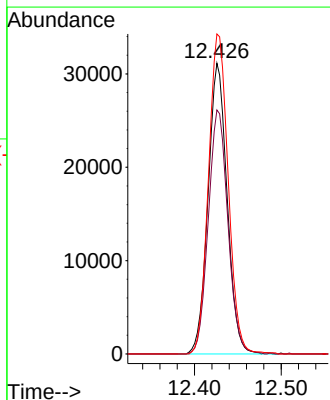
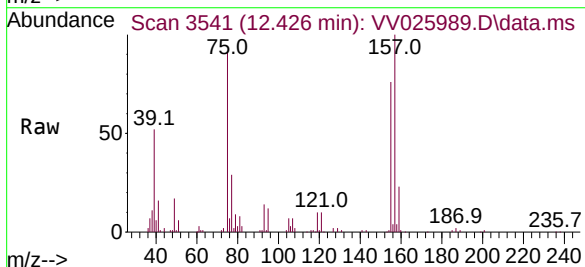
Tgt Ion: 75 Resp: 47701

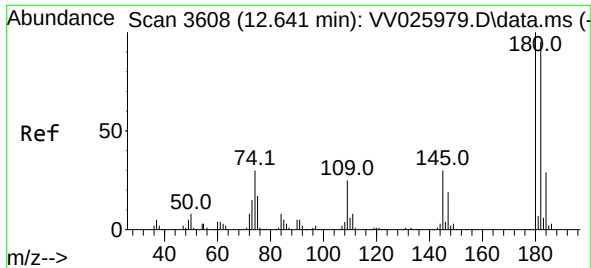
Ion Ratio Lower Upper

75 100

155 83.9 66.8 100.2

157 110.1 82.5 123.7

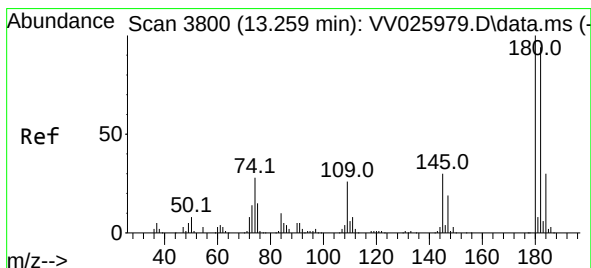
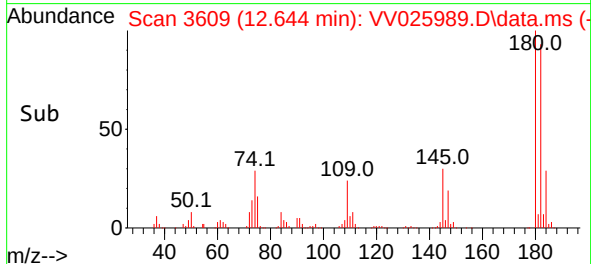
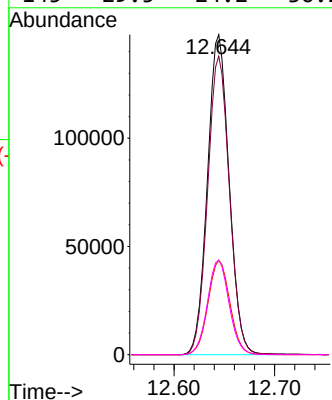
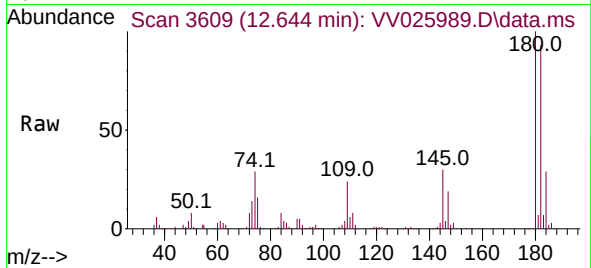




#69
1,3,5-Trichlorobenzene
Concen: 53.924 ug/L
RT: 12.644 min Scan# 3609
Delta R.T. 0.003 min
Lab File: VV025989.D
Acq: 02 Jun 2022 17:10

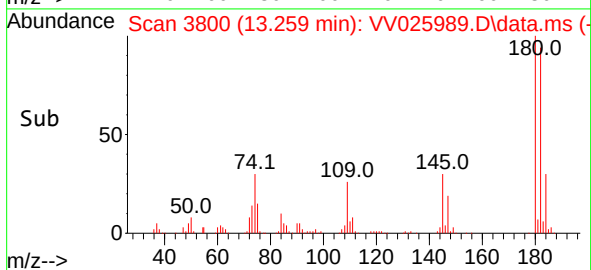
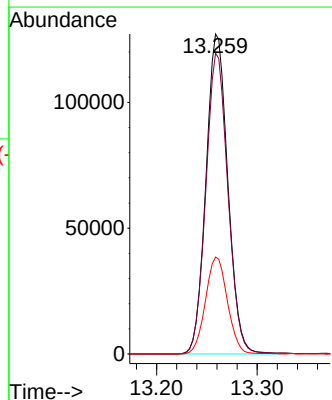
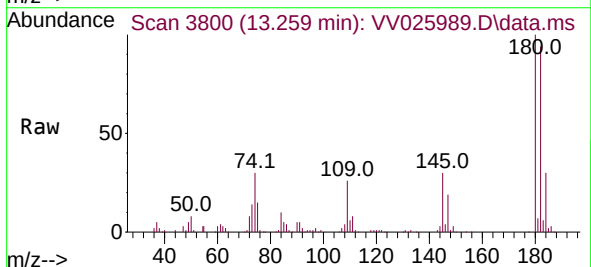
Instrument :
MSVOA_V
ClientSampleId :
DBTZ0MSD

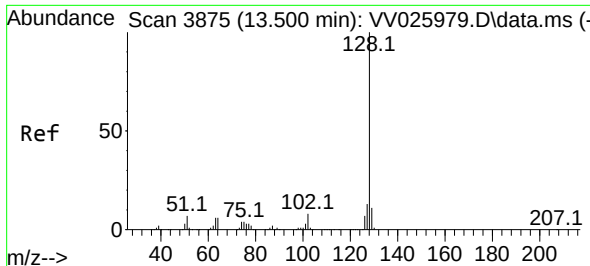
Tgt Ion:180 Resp: 221668
Ion Ratio Lower Upper
180 100
182 93.8 75.1 112.7
184 29.8 23.6 35.4
145 29.5 24.2 36.2



#70
1,2,4-trichlorobenzene
Concen: 54.838 ug/L
RT: 13.259 min Scan# 3800
Delta R.T. -0.000 min
Lab File: VV025989.D
Acq: 02 Jun 2022 17:10

Tgt Ion:180 Resp: 191958
Ion Ratio Lower Upper
180 100
182 94.7 74.8 112.2
145 30.4 24.8 37.2

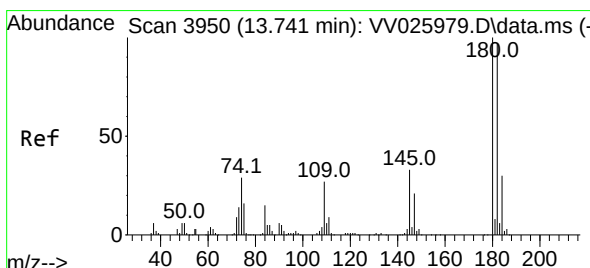
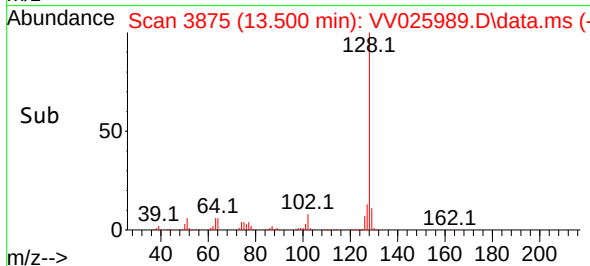
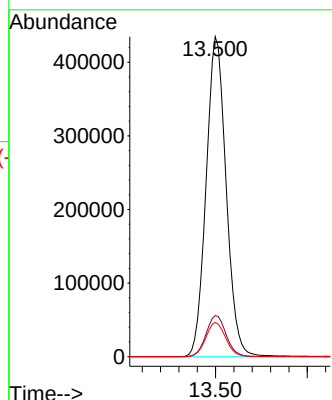
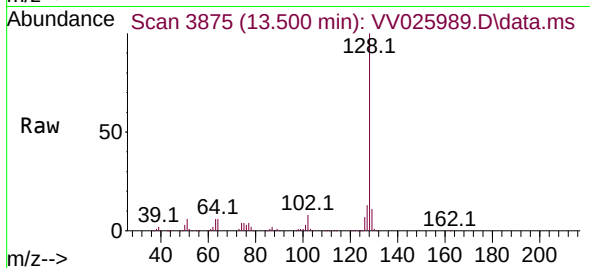




#71
Naphthalene
Concen: 63.515 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV025989.D
Acq: 02 Jun 2022 17:10

Instrument :
MSVOA_V
ClientSampleId :
DBTZ0MSD

Tgt Ion:128 Resp: 658441
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.7 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 57.640 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.003 min
Lab File: VV025989.D
Acq: 02 Jun 2022 17:10

Tgt Ion:180 Resp: 205609
Ion Ratio Lower Upper
180 100
182 95.3 75.8 113.8
145 32.8 26.3 39.5

