

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052322\
 Data File : VW025953.D
 Acq On : 23 May 2022 14:34
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 24 05:30:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR051322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 24 05:29:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	202514	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	206166	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	117652	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	61816	3.696	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.000%
7) Chloroethane-d5	1.568	69	58572	4.090	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.800%
11) 1,1-Dichloroethene-d2	2.111	63	153059	4.134	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.600%
20) 2-Butanone-d5	3.905	46	121899	62.933	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.860%
24) Chloroform-d	4.346	84	136104	4.982	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
26) 1,2-Dichloroethane-d4	5.031	65	56080	4.840	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
32) Benzene-d6	5.047	84	248317	4.638	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
36) 1,2-Dichloropropane-d6	6.066	67	76989	4.946	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.000%
41) Toluene-d8	7.310	98	229600	4.613	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
43) trans-1,3-Dichloroprop...	7.622	79	22595	4.439	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.800%
46) 2-Hexanone-d5	8.088	63	97852	51.775	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.560%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	53344	5.321	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	80162	4.786	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.134	85	100063	4.582	ug/L	98
3) Chloromethane	1.243	50	114335	4.482	ug/L	98
5) Vinyl chloride	1.314	62	126434	4.712	ug/L	99
6) Bromomethane	1.523	94	64490	4.129	ug/L	100
8) Chloroethane	1.587	64	82895	4.762	ug/L	100
9) Trichlorofluoromethane	1.754	101	178180	4.976	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	102338	5.099	ug/L	99
12) 1,1-Dichloroethene	2.118	96	96274	4.947	ug/L	99
13) Acetone	2.204	43	103848	55.610	ug/L	79
14) Carbon disulfide	2.294	76	218075	4.349	ug/L	99
15) Methyl Acetate	2.442	43	26506	6.231	ug/L	93
16) Methylene chloride	2.507	84	94814	4.799	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	155161	4.997	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	84058	4.952	ug/L	97
19) 1,1-Dichloroethane	3.188	63	163486	5.088	ug/L	99
21) 2-Butanone	3.986	43	142031	52.963	ug/L	88
22) cis-1,2-Dichloroethene	3.908	96	87344	5.037	ug/L	96
23) Bromochloromethane	4.246	128	39004	5.318	ug/L	95
25) Chloroform	4.371	83	170250	5.227	ug/L	97

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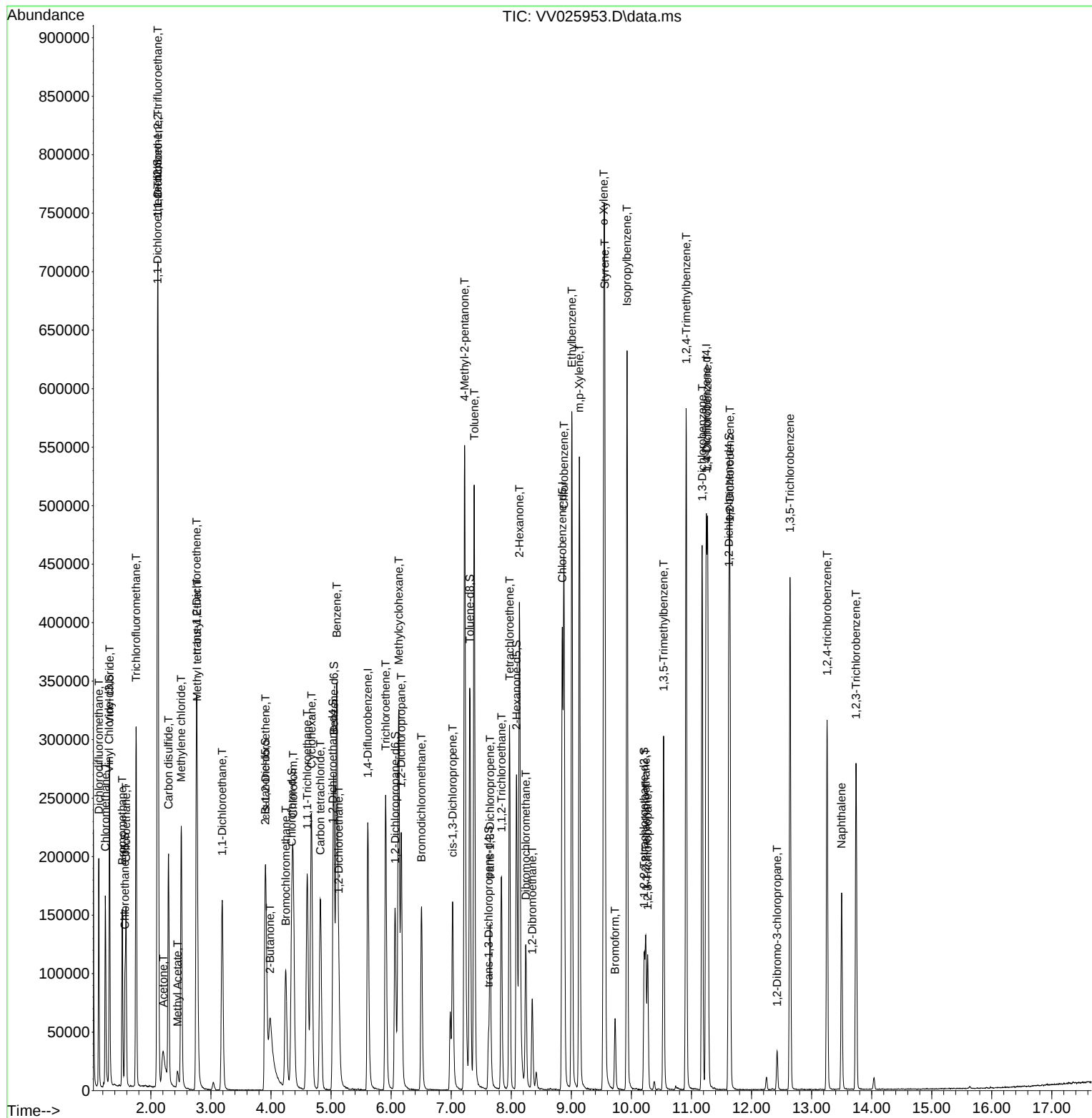
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	86393	5.032	ug/L	98
29) 1,1,1-Trichloroethane	4.603	97	148652	5.287	ug/L	99
30) Cyclohexane	4.674	56	117945	4.711	ug/L	98
31) Carbon tetrachloride	4.822	117	125207	5.262	ug/L	99
33) Benzene	5.095	78	355877	5.097	ug/L	100
34) Trichloroethene	5.908	95	88079	4.939	ug/L	99
35) Methylcyclohexane	6.127	83	128663	4.699	ug/L	99
37) 1,2-Dichloropropane	6.169	63	89666	5.444	ug/L	99
38) Bromodichloromethane	6.506	83	106367	5.139	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	100200	4.713	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	388226	50.958	ug/L	98
42) Toluene	7.384	91	384921	5.296	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	82007	4.729	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	56237	4.974	ug/L	95
47) Tetrachloroethene	7.973	164	68143	4.932	ug/L	97
48) 2-Hexanone	8.137	43	274661	50.997	ug/L	98
49) Dibromochloromethane	8.243	129	61751	4.998	ug/L	99
50) 1,2-Dibromoethane	8.349	107	50576	5.032	ug/L	98
51) Chlorobenzene	8.876	112	238025	5.049	ug/L	99
52) Ethylbenzene	9.008	91	389847	5.100	ug/L	99
53) m,p-Xylene	9.133	106	153998	5.216	ug/L	95
54) o-Xylene	9.542	106	146215	5.200	ug/L	98
55) Styrene	9.558	104	259329	5.489	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	63260	5.179	ug/L	99
59) Bromoform	9.728	173	26639	4.365	ug/L	97
60) Isopropylbenzene	9.928	105	392786	4.995	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	46613	4.759	ug/L	99
62) 1,3,5-Trimethylbenzene	10.535	105	158869	4.731	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	305024	4.954	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	184604	4.962	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	181875	4.802	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	164363	4.917	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	8487	4.474	ug/L	94
69) 1,3,5-Trichlorobenzene	12.641	180	129272	4.665	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	95645	4.549	ug/L	99
71) Naphthalene	13.500	128	131489	4.177	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	82250	4.529	ug/L	98

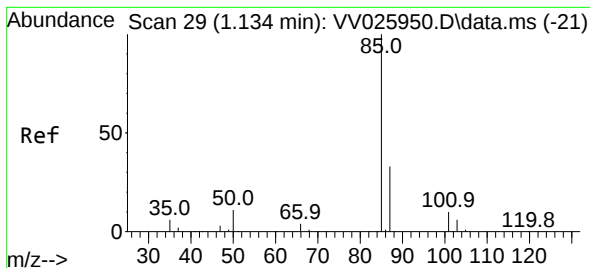
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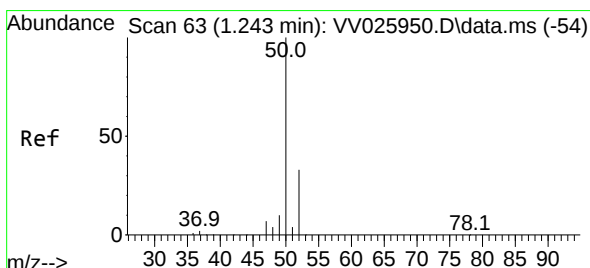
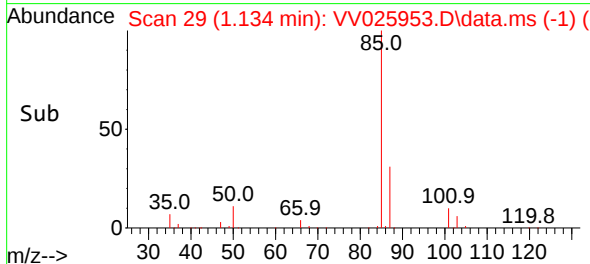
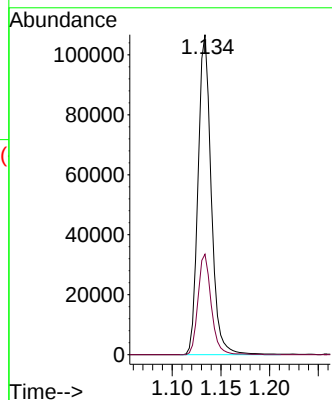
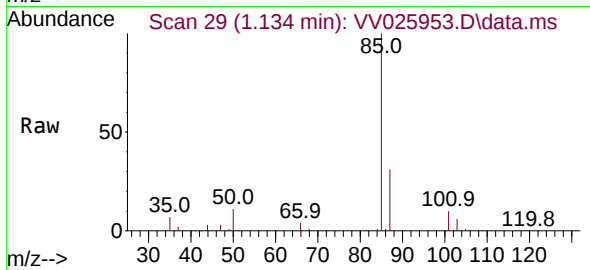




#2
 Dichlorodifluoromethane
 Concen: 4.582 ug/L
 RT: 1.134 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VV025953.D
 Acq: 23 May 2022 14:34

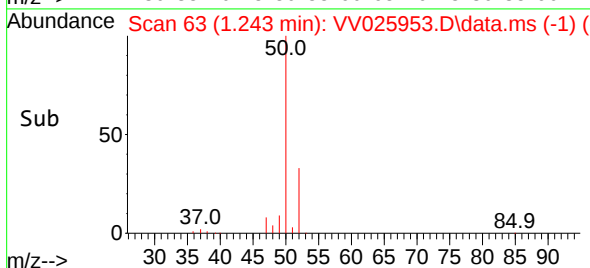
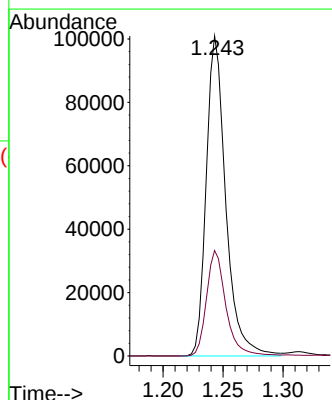
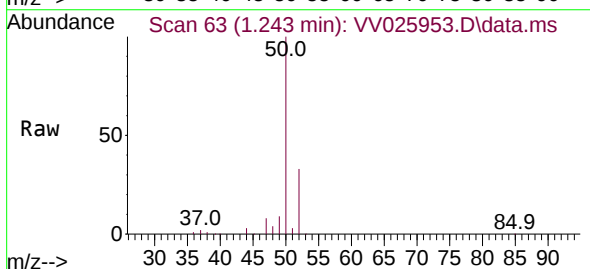
Instrument :
 MSVOA_V
 ClientSampleId :

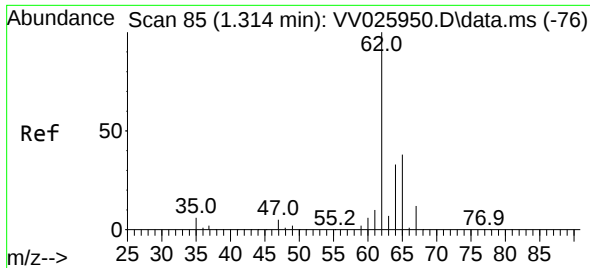
Tgt Ion: 85 Resp: 100063
 Ion Ratio Lower Upper
 85 100
 87 31.5 26.0 39.0



#3
 Chloromethane
 Concen: 4.482 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV025953.D
 Acq: 23 May 2022 14:34

Tgt Ion: 50 Resp: 114335
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.9 44.3

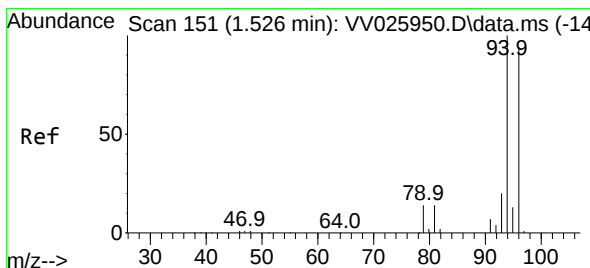
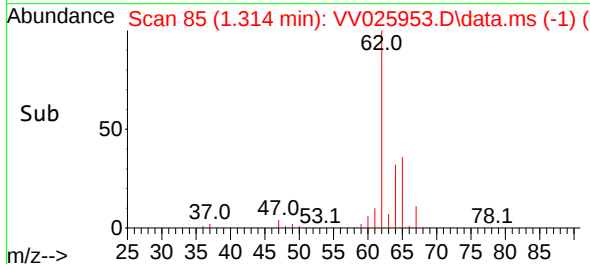
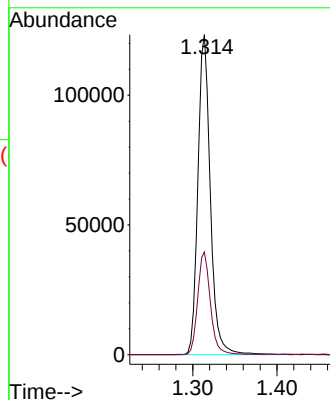
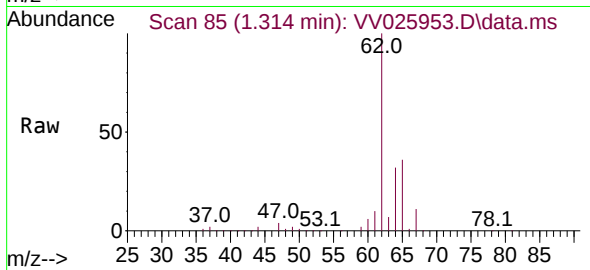




#5
 Vinyl chloride
 Concen: 4.712 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: VV025953.D
 Acq: 23 May 2022 14:34

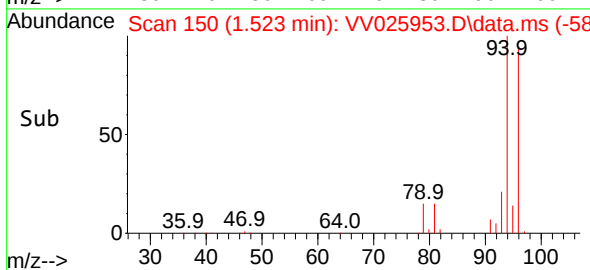
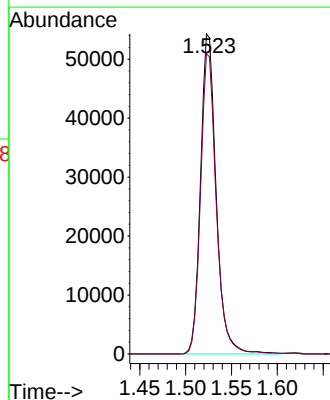
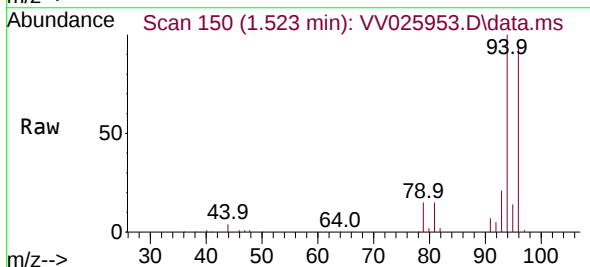
Instrument :
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 ClientSampleId :

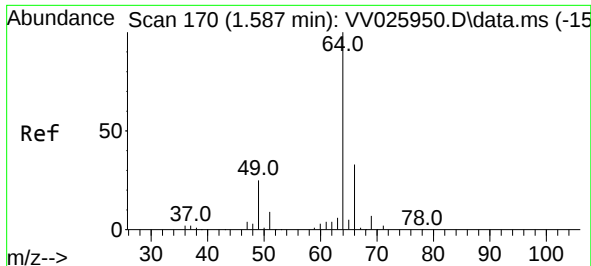
Tgt Ion: 62 Resp: 126434
 Ion Ratio Lower Upper
 62 100
 64 32.1 22.9 42.5



#6
 Bromomethane
 Concen: 4.129 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.003 min
 Lab File: VV025953.D
 Acq: 23 May 2022 14:34

Tgt Ion: 94 Resp: 64490
 Ion Ratio Lower Upper
 94 100
 96 93.8 65.4 121.4

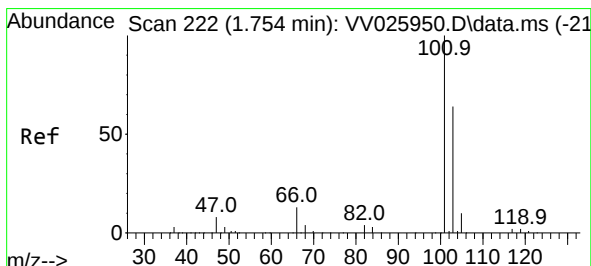
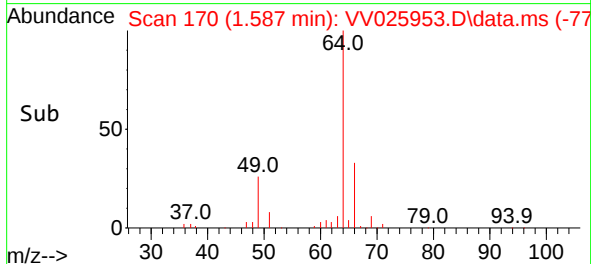
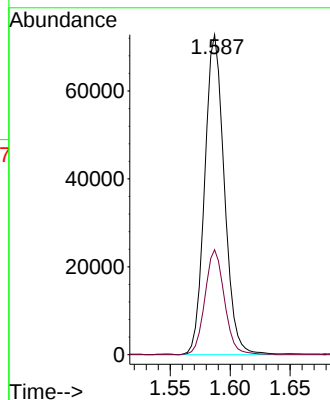
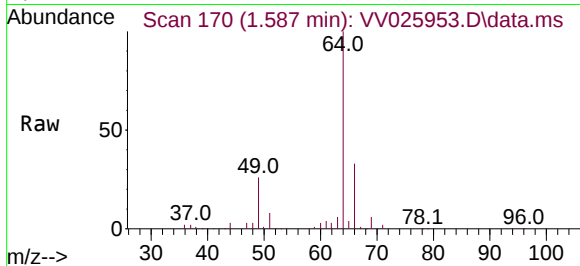




#8
Chloroethane
Concen: 4.762 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV025953.D
Acq: 23 May 2022 14:34

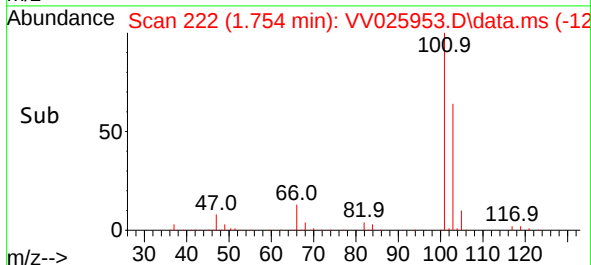
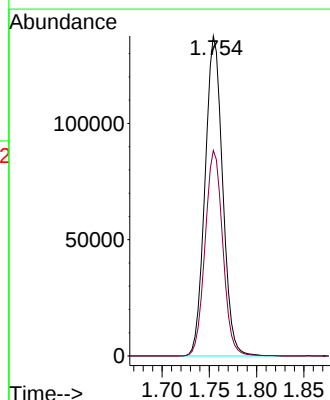
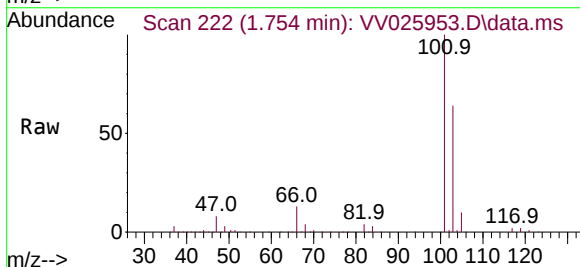
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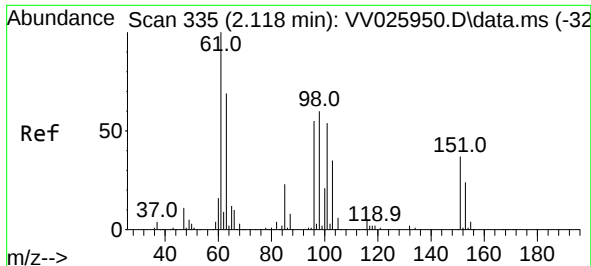
Tgt Ion: 64 Resp: 82895
Ion Ratio Lower Upper
64 100
66 32.8 22.9 42.5



#9
Trichlorofluoromethane
Concen: 4.976 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV025953.D
Acq: 23 May 2022 14:34

Tgt Ion:101 Resp: 178180
Ion Ratio Lower Upper
101 100
103 64.5 50.6 76.0





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 5.099 ug/L

RT: 2.118 min Scan# 335

Delta R.T. 0.000 min

Lab File: VV025953.D

Acq: 23 May 2022 14:34

Instrument :

MSVOA_V

ClientSampleId :

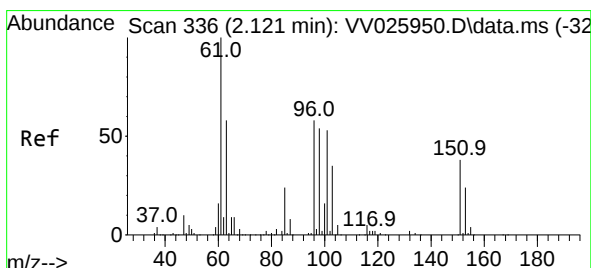
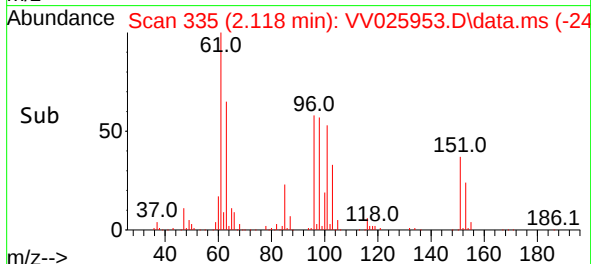
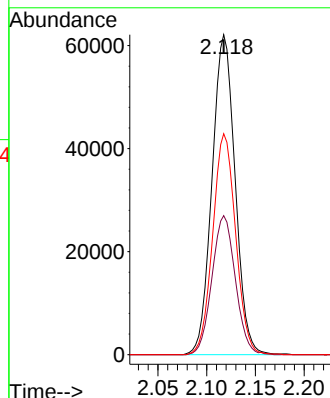
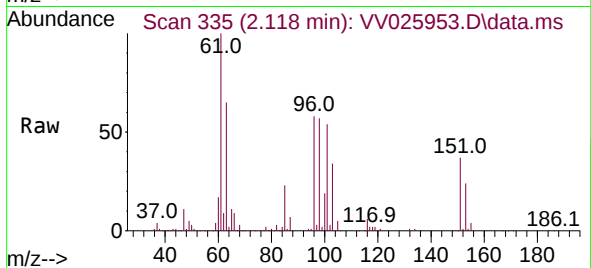
Tgt Ion:101 Resp: 102338

Ion Ratio Lower Upper

101 100

85 44.0 35.7 53.5

151 68.6 54.1 81.1



#12

1,1-Dichloroethene

Concen: 4.947 ug/L

RT: 2.118 min Scan# 335

Delta R.T. -0.003 min

Lab File: VV025953.D

Acq: 23 May 2022 14:34

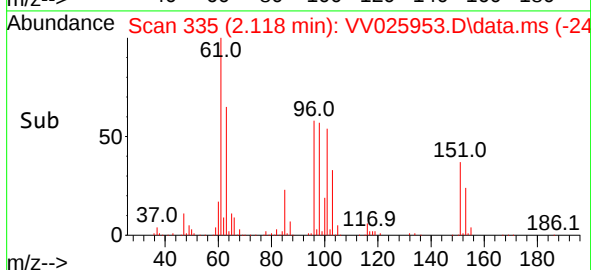
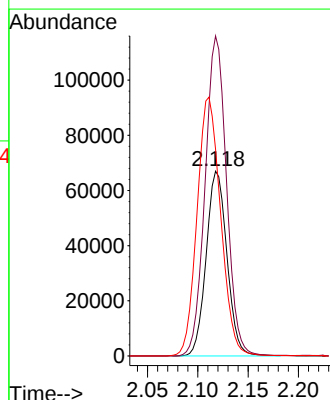
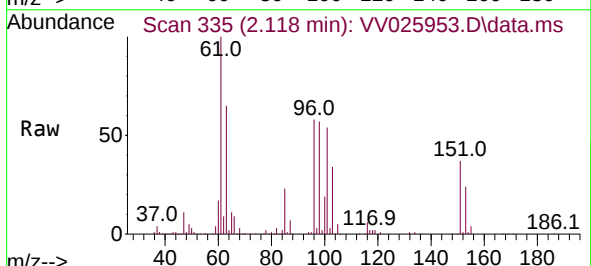
Tgt Ion: 96 Resp: 96274

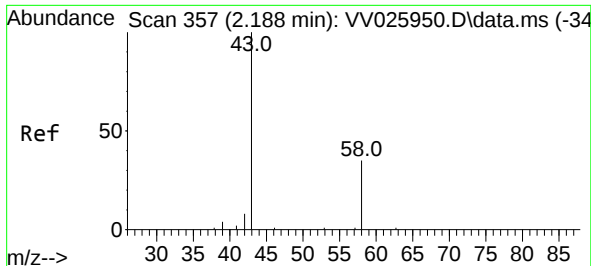
Ion Ratio Lower Upper

96 100

61 173.2 119.8 222.6

63 111.9 78.3 145.3





#13

Acetone

Concen: 55.610 ug/L

RT: 2.204 min Scan# 3

Delta R.T. 0.016 min

Lab File: VV025953.D

Acq: 23 May 2022 14:34

Instrument :

MSVOA_V

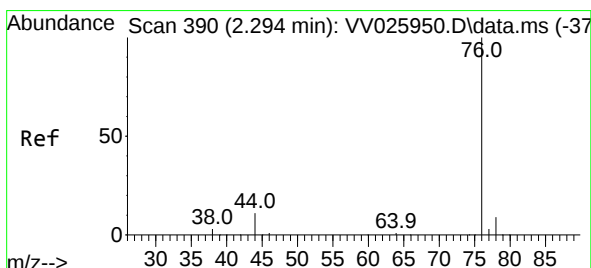
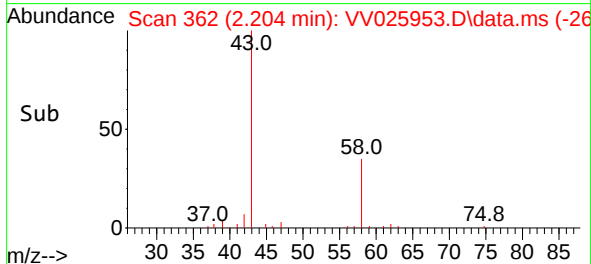
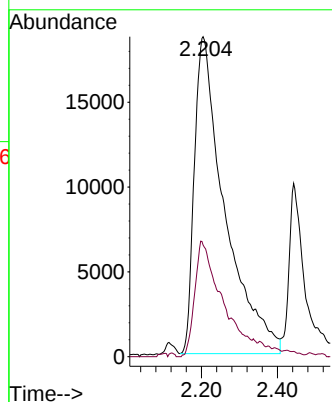
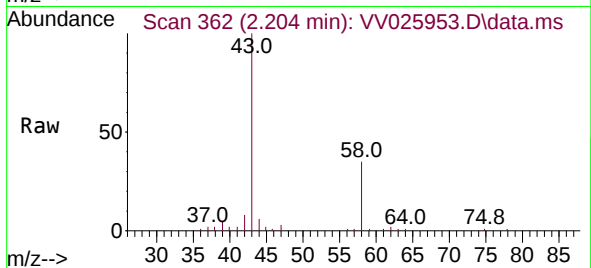
ClientSampleId :

Tgt Ion: 43 Resp: 103848

Ion Ratio Lower Upper

43 100

58 32.5 0.0 44.6



#14

Carbon disulfide

Concen: 4.349 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.000 min

Lab File: VV025953.D

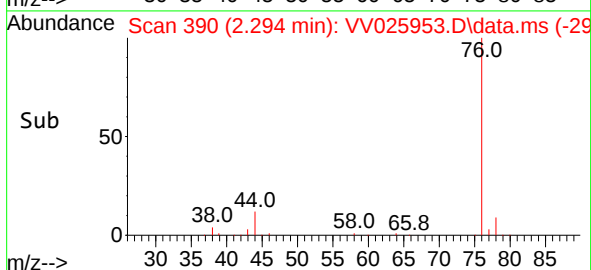
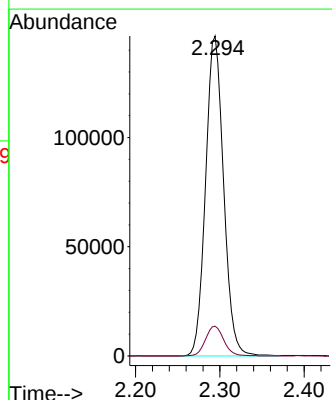
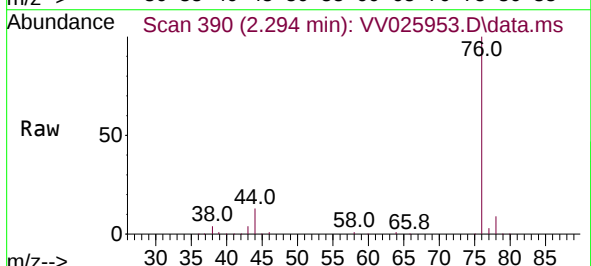
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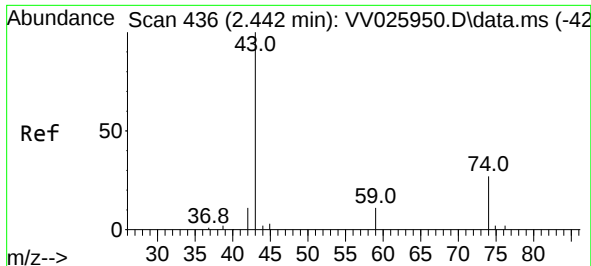
Tgt Ion: 76 Resp: 218075

Ion Ratio Lower Upper

76 100

78 9.3 7.0 10.6

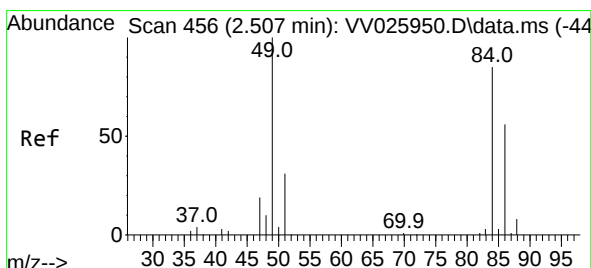
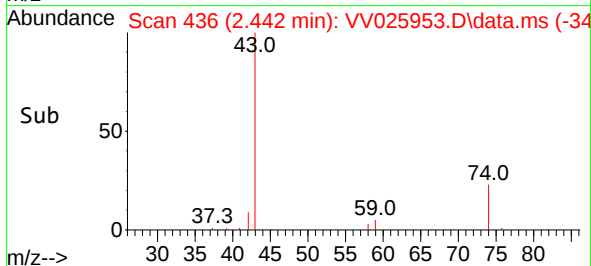
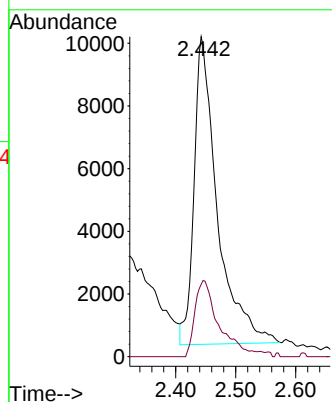
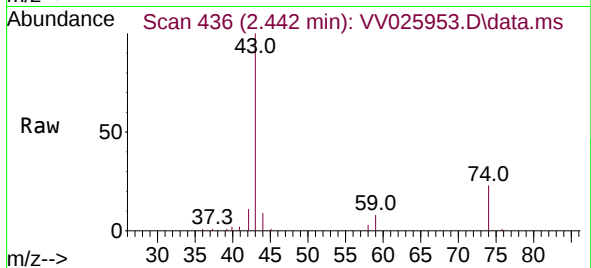




#15
Methyl Acetate
Concen: 6.231 ug/L
RT: 2.442 min Scan# 411
Delta R.T. 0.000 min
Lab File: VV025953.D
Acq: 23 May 2022 14:34

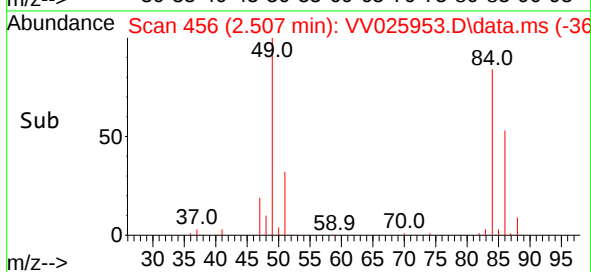
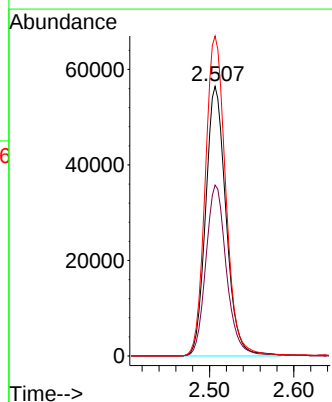
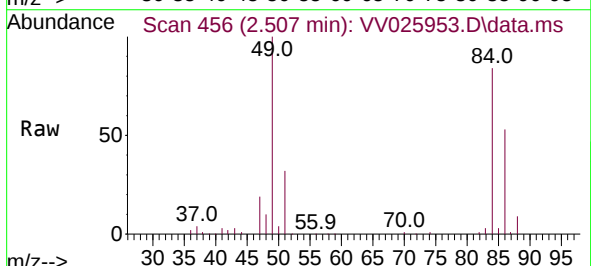
Instrument :
MSVOA_V
ClientSampleId :

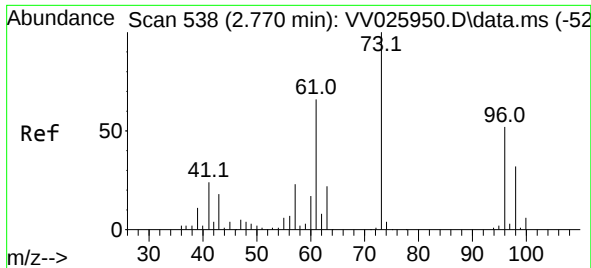
Tgt Ion: 43 Resp: 26506
Ion Ratio Lower Upper
43 100
74 25.4 23.3 34.9



#16
Methylene chloride
Concen: 4.799 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.000 min
Lab File: VV025953.D
Acq: 23 May 2022 14:34

Tgt Ion: 84 Resp: 94814
Ion Ratio Lower Upper
84 100
86 63.4 45.4 84.2
49 118.7 85.6 159.0

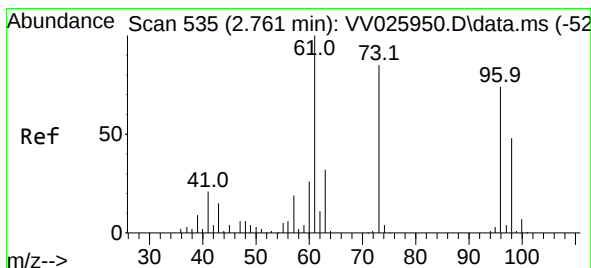
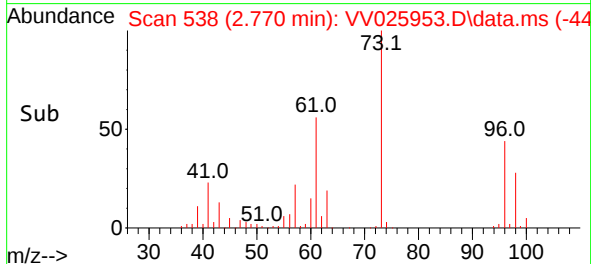
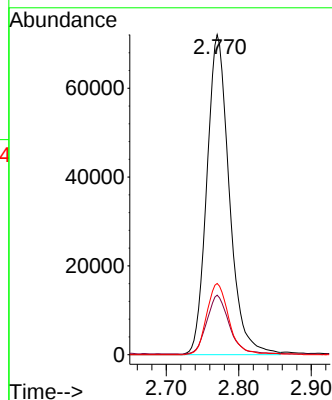
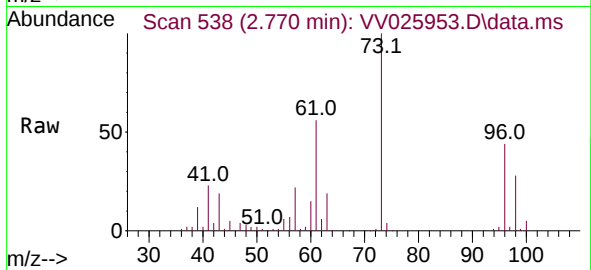




#17
Methyl tert-butyl Ether
Concen: 4.997 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV025953.D
Acq: 23 May 2022 14:34

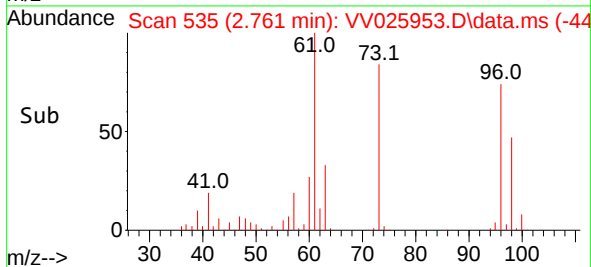
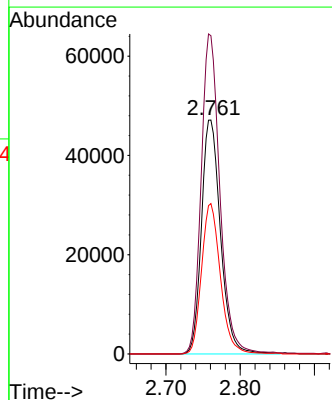
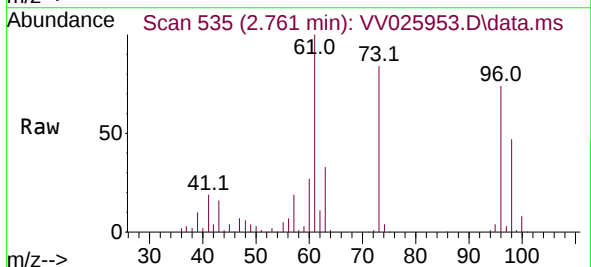
Instrument :
MSVOA_V
ClientSampleId :

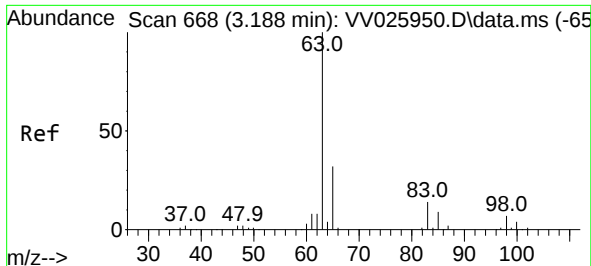
Tgt Ion: 73 Resp: 155161
Ion Ratio Lower Upper
73 100
43 18.6 14.6 22.0
57 21.8 17.9 26.9



#18
trans-1,2-Dichloroethene
Concen: 4.952 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV025953.D
Acq: 23 May 2022 14:34

Tgt Ion: 96 Resp: 84058
Ion Ratio Lower Upper
96 100
61 136.0 93.6 173.8
98 64.2 42.8 79.4





#19

1,1-Dichloroethane

Concen: 5.088 ug/L

RT: 3.188 min Scan# 668

Delta R.T. 0.000 min

Lab File: VV025953.D

Acq: 23 May 2022 14:34

Instrument :

MSVOA_V

ClientSampleId :

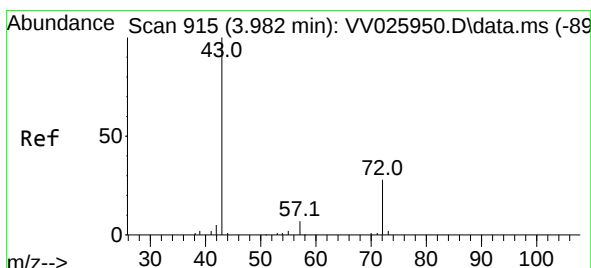
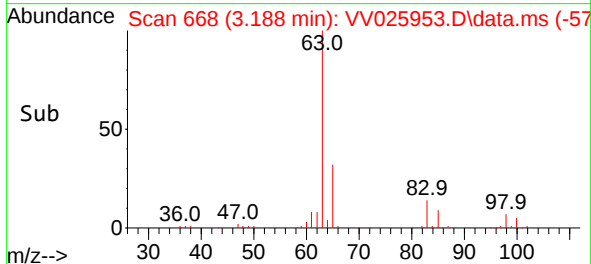
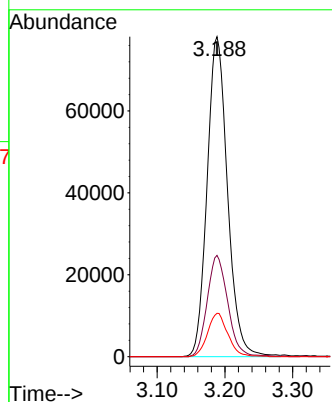
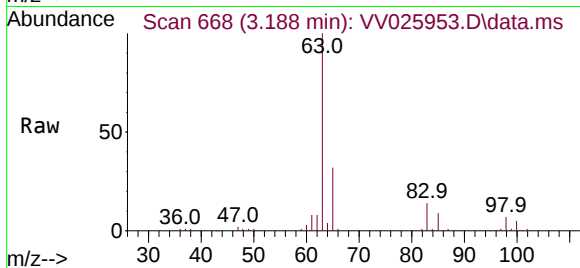
Tgt Ion: 63 Resp: 163486

Ion Ratio Lower Upper

63 100

65 31.7 22.3 41.5

83 13.6 10.0 18.6



#21

2-Butanone

Concen: 52.963 ug/L

RT: 3.986 min Scan# 916

Delta R.T. 0.003 min

Lab File: VV025953.D

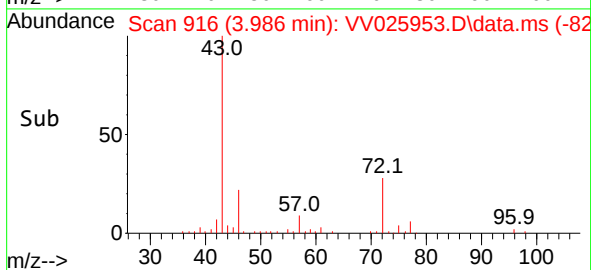
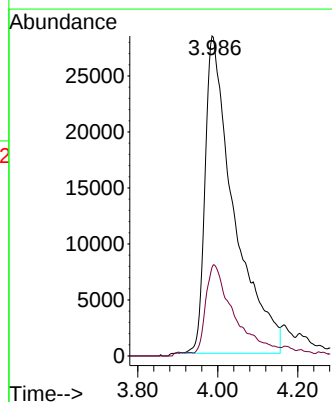
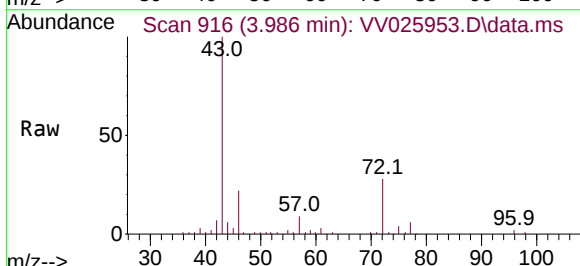
Acq: 23 May 2022 14:34

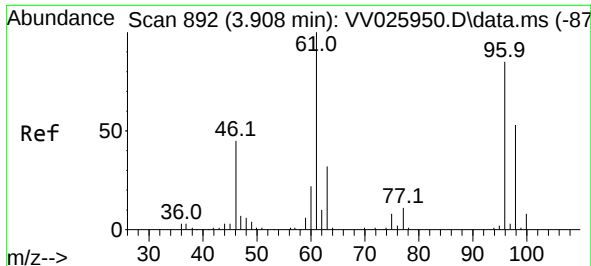
Tgt Ion: 43 Resp: 142031

Ion Ratio Lower Upper

43 100

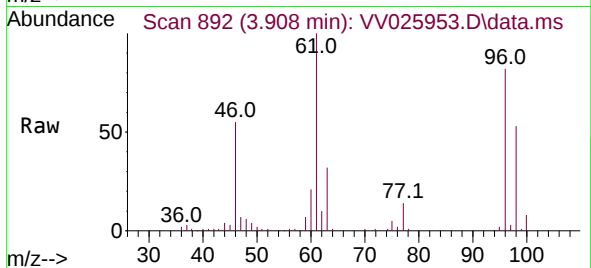
72 26.8 10.5 31.6





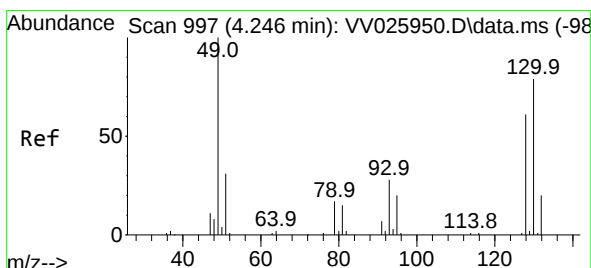
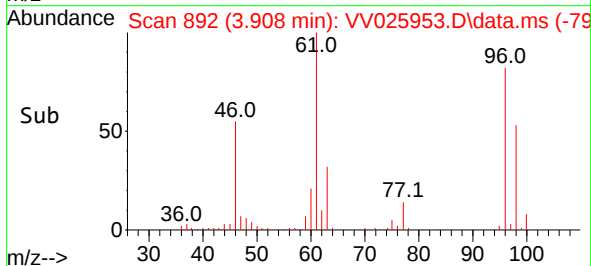
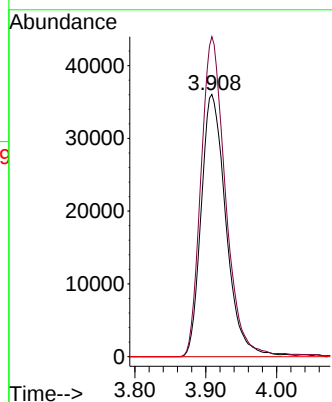
#22
 cis-1,2-Dichloroethene
 Concen: 5.037 ug/L
 RT: 3.908 min Scan# 892
 Delta R.T. 0.000 min
 Lab File: VV025953.D
 Acq: 23 May 2022 14:34

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 87344

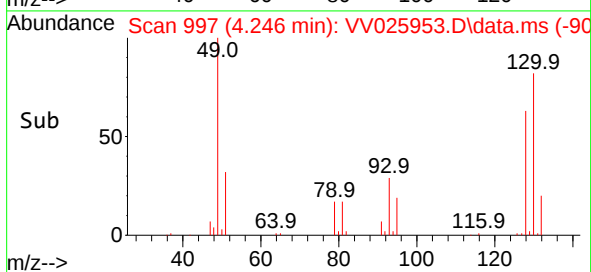
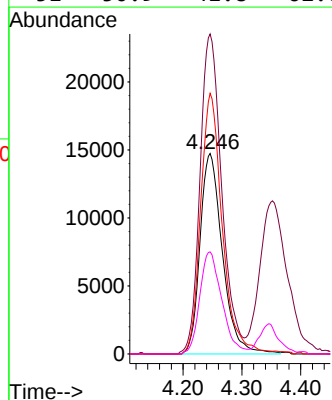
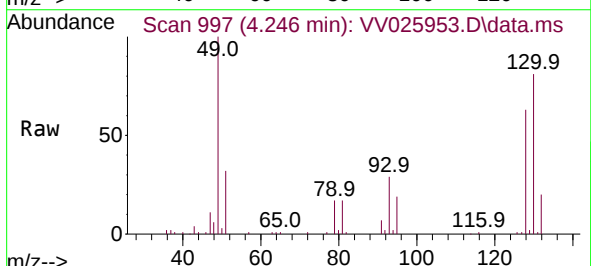
Ion	Ratio	Lower	Upper
96	100		
61	122.0	88.9	165.1
68	0.0	0.0	0.0

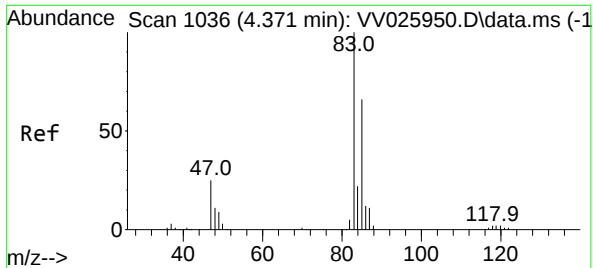


#23
 Bromochloromethane
 Concen: 5.318 ug/L
 RT: 4.246 min Scan# 997
 Delta R.T. 0.000 min
 Lab File: VV025953.D
 Acq: 23 May 2022 14:34

Tgt Ion: 128 Resp: 39004

Ion	Ratio	Lower	Upper
128	100		
49	159.6	121.0	224.8
130	129.9	90.8	168.6
51	50.9	41.8	62.6

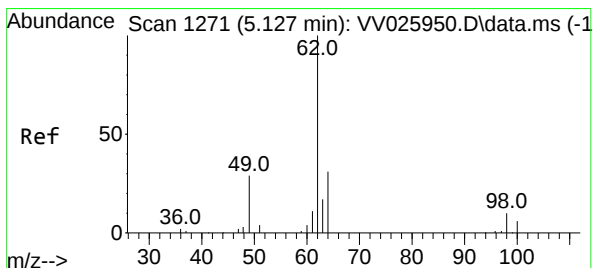
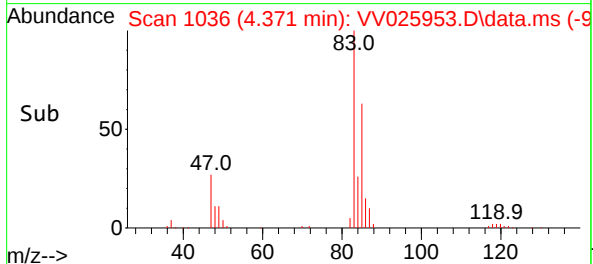
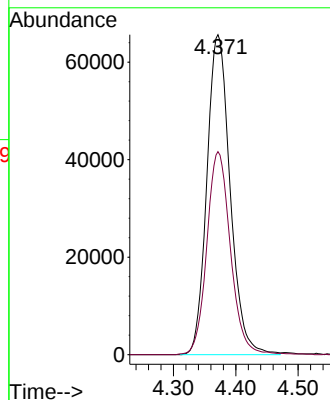
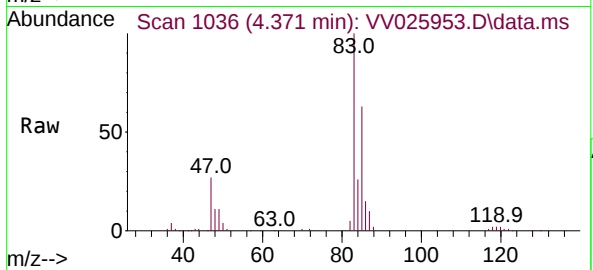




#25
Chloroform
Concen: 5.227 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VV025953.D
Acq: 23 May 2022 14:34

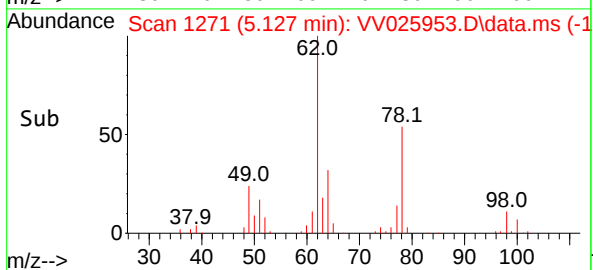
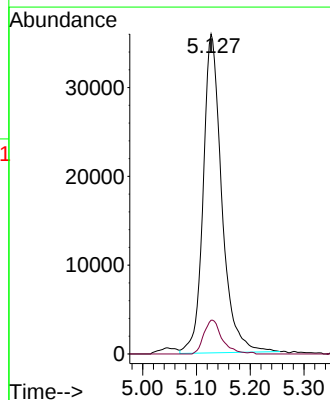
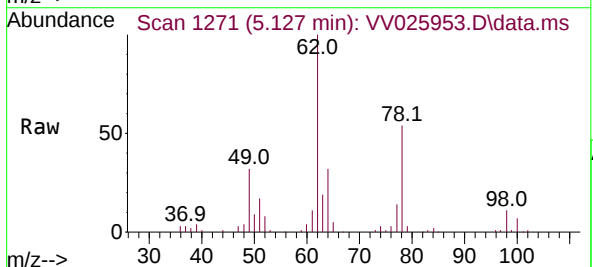
Instrument :
MSVOA_V
ClientSampleId :

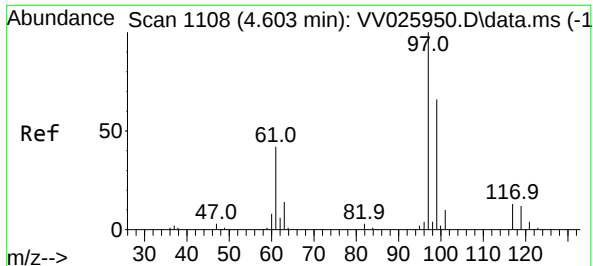
Tgt Ion: 83 Resp: 170250
Ion Ratio Lower Upper
83 100
85 63.4 46.1 85.7



#27
1,2-Dichloroethane
Concen: 5.032 ug/L
RT: 5.127 min Scan# 1271
Delta R.T. 0.000 min
Lab File: VV025953.D
Acq: 23 May 2022 14:34

Tgt Ion: 62 Resp: 86393
Ion Ratio Lower Upper
62 100
98 10.5 7.9 11.9





#29

1,1,1-Trichloroethane

Concen: 5.287 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. -0.000 min

Lab File: VV025953.D

Acq: 23 May 2022 14:34

Instrument :

MSVOA_V

ClientSampleId :

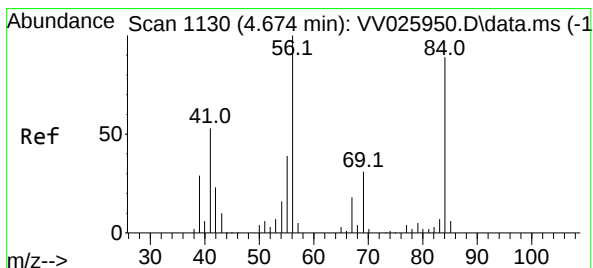
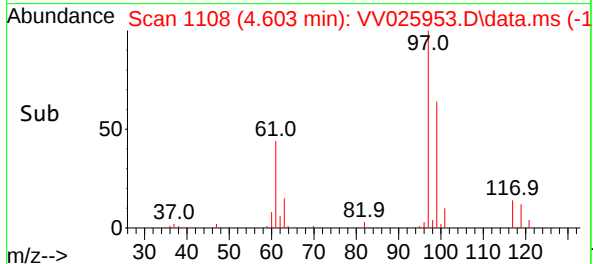
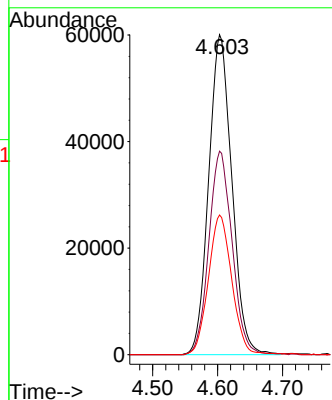
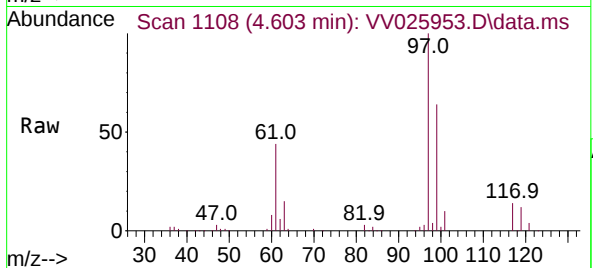
Tgt Ion: 97 Resp: 148652

Ion Ratio Lower Upper

97 100

99 63.9 51.0 76.6

61 44.2 36.3 54.5



#30

Cyclohexane

Concen: 4.711 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VV025953.D

Acq: 23 May 2022 14:34

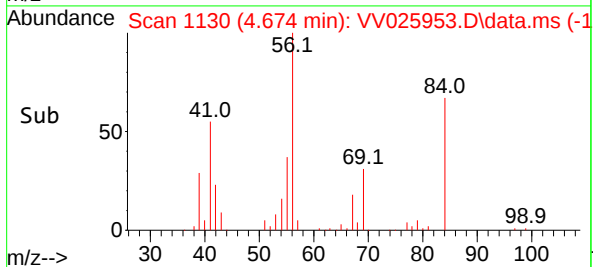
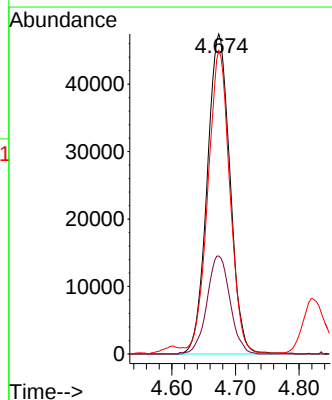
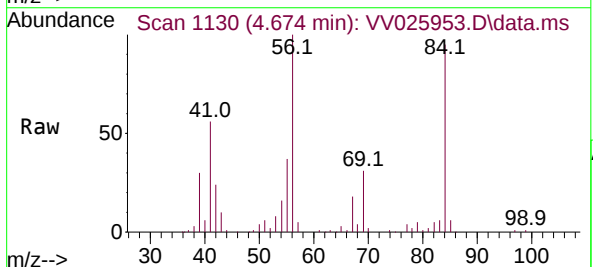
Tgt Ion: 56 Resp: 117945

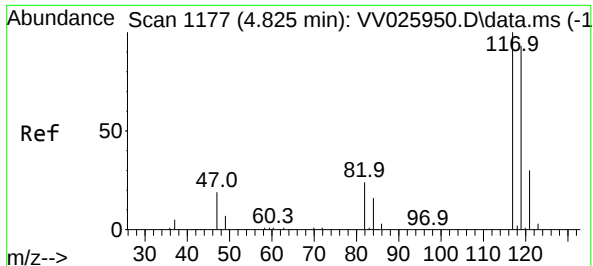
Ion Ratio Lower Upper

56 100

69 31.0 24.6 37.0

84 91.9 75.0 112.4

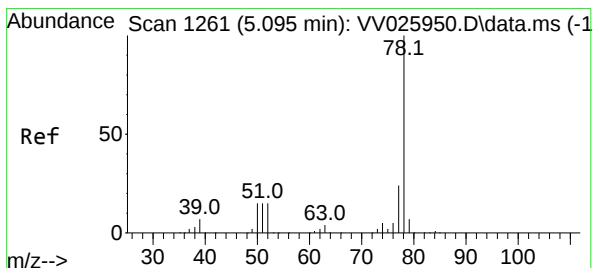
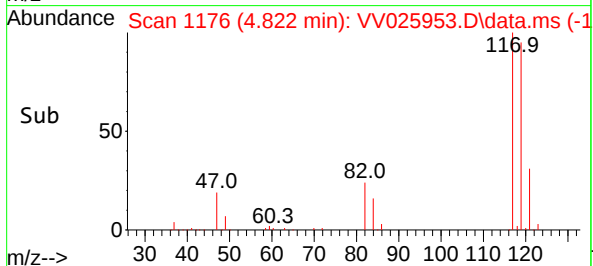
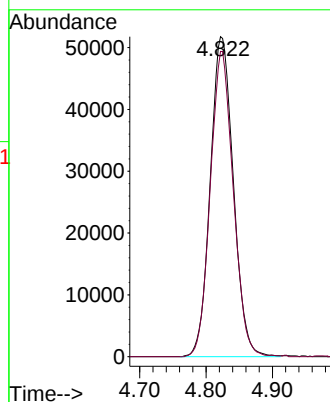
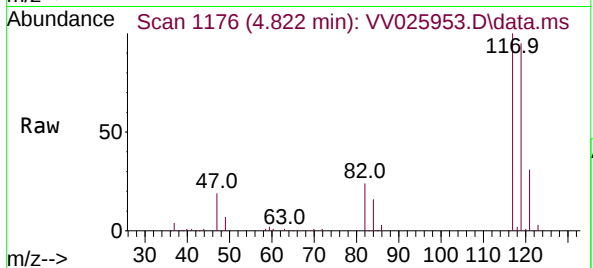




#31
Carbon tetrachloride
Concen: 5.262 ug/L
RT: 4.822 min Scan# 1177
Delta R.T. -0.003 min
Lab File: VV025953.D
Acq: 23 May 2022 14:34

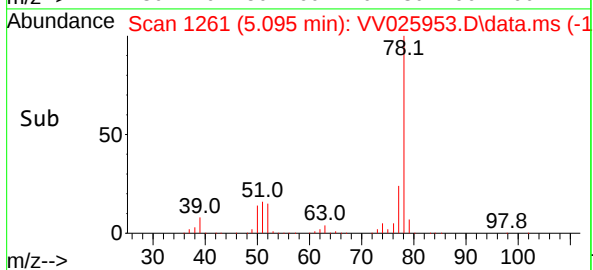
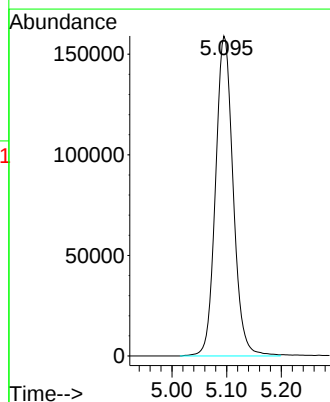
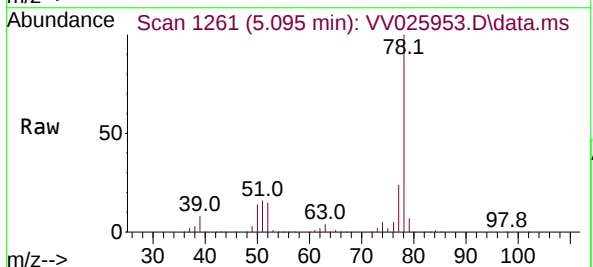
Instrument :
MSVOA_V
ClientSampleId :

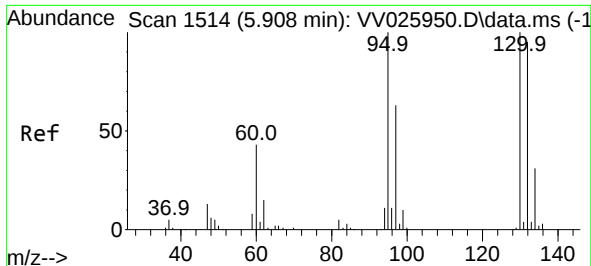
Tgt Ion:117 Resp: 125207
Ion Ratio Lower Upper
117 100
119 95.0 77.0 115.6



#33
Benzene
Concen: 5.097 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VV025953.D
Acq: 23 May 2022 14:34

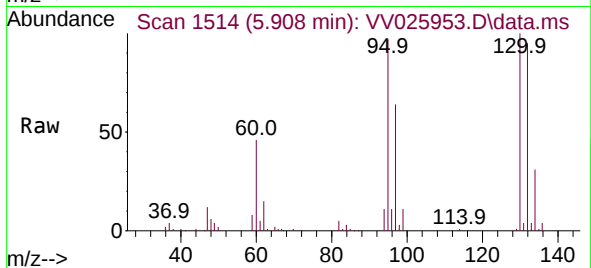
Tgt Ion: 78 Resp: 355877



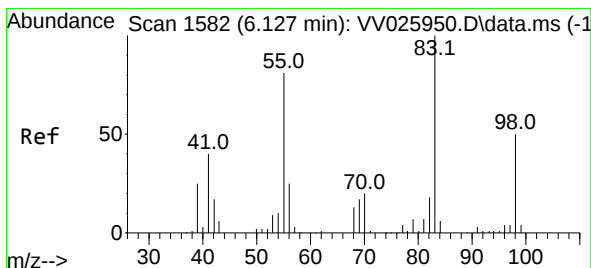
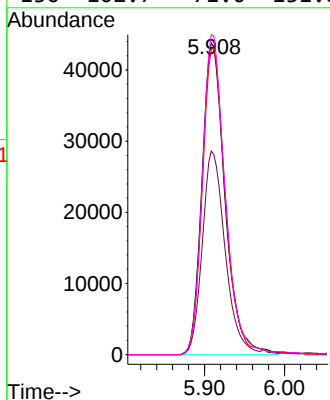
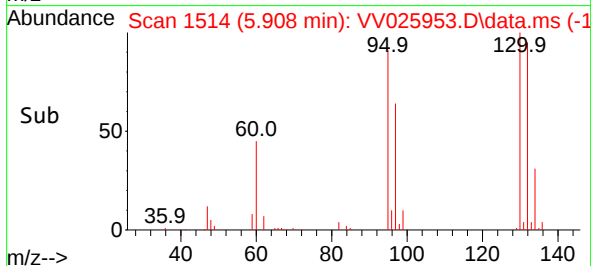


#34
Trichloroethene
Concen: 4.939 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VV025953.D
Acq: 23 May 2022 14:34

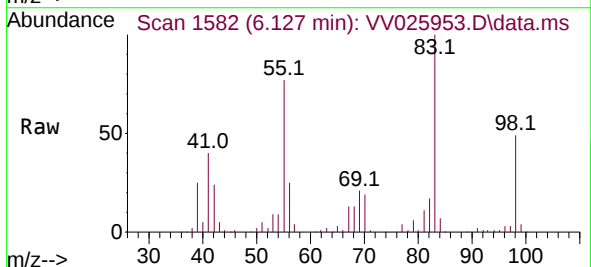
Instrument :
MSVOA_V
ClientSampleId :



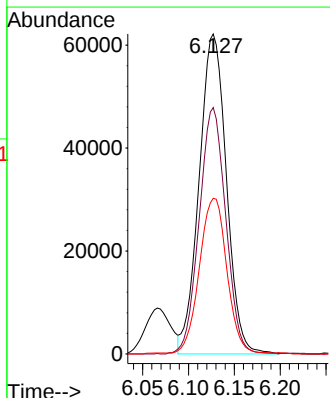
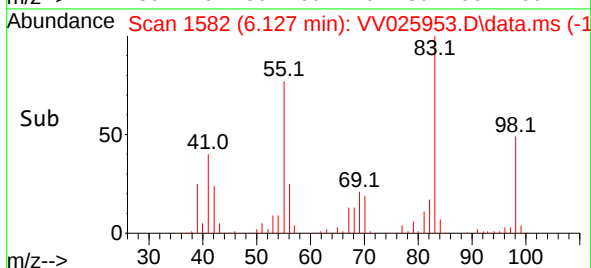
Tgt Ion: 95 Resp: 88079
Ion Ratio Lower Upper
95 100
97 65.3 44.9 83.3
132 98.0 67.6 125.6
130 102.7 71.0 131.8

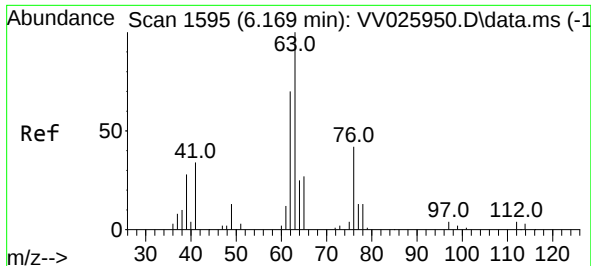


#35
Methylcyclohexane
Concen: 4.699 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VV025953.D
Acq: 23 May 2022 14:34



Tgt Ion: 83 Resp: 128663
Ion Ratio Lower Upper
83 100
55 75.2 60.1 90.1
98 48.4 40.6 61.0





#37

1,2-Dichloropropane

Concen: 5.444 ug/L

RT: 6.169 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV025953.D

Acq: 23 May 2022 14:34

Instrument :

MSVOA_V

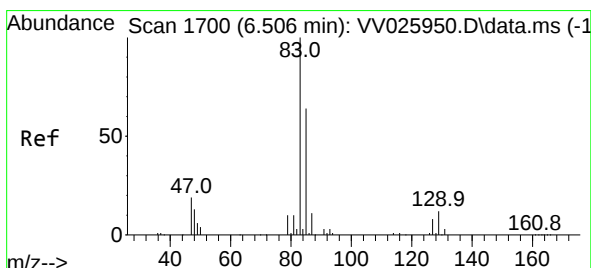
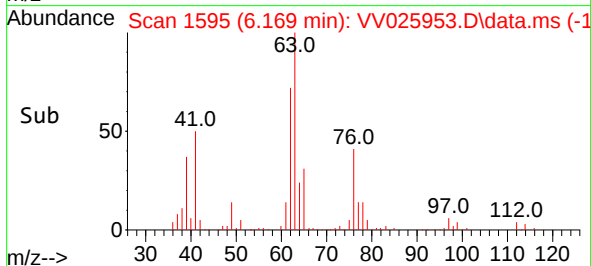
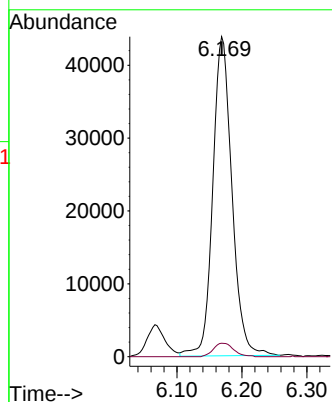
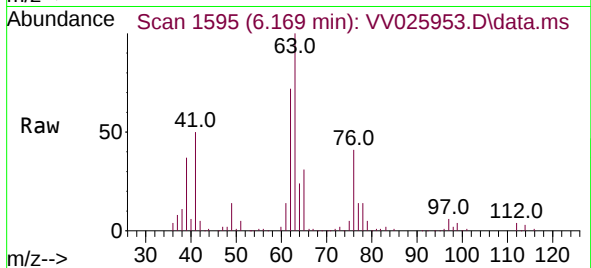
ClientSampleId :

Tgt Ion: 63 Resp: 89666

Ion Ratio Lower Upper

63 100

112 4.5 3.9 5.9



#38

Bromodichloromethane

Concen: 5.139 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VV025953.D

Acq: 23 May 2022 14:34

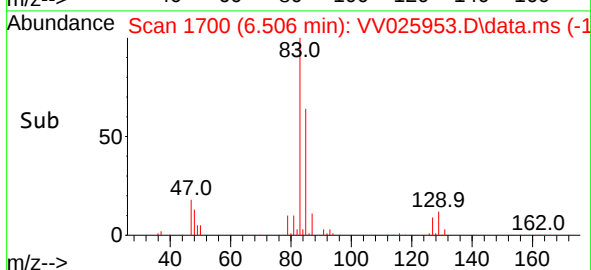
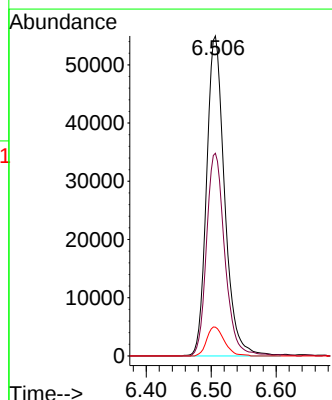
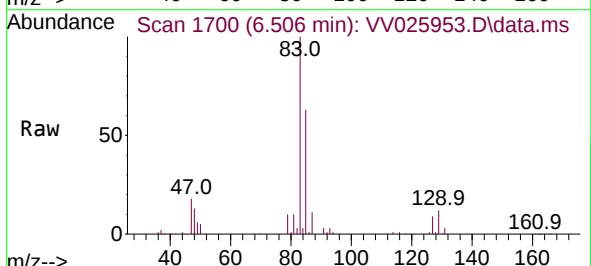
Tgt Ion: 83 Resp: 106367

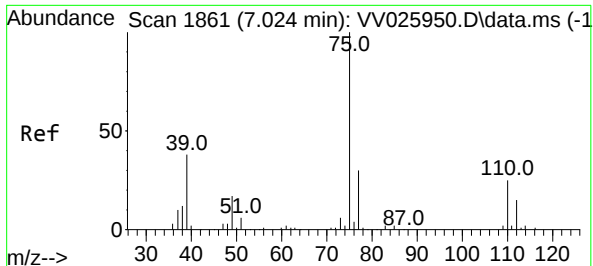
Ion Ratio Lower Upper

83 100

85 63.4 46.1 85.5

127 9.0 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 4.713 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VV025953.D

Acq: 23 May 2022 14:34

Instrument :

MSVOA_V

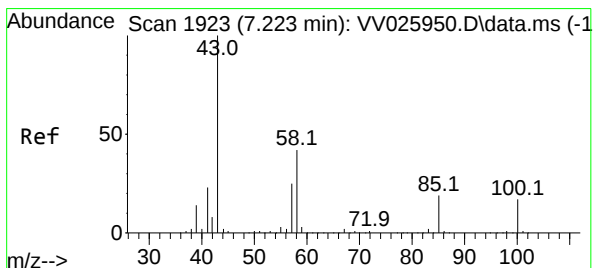
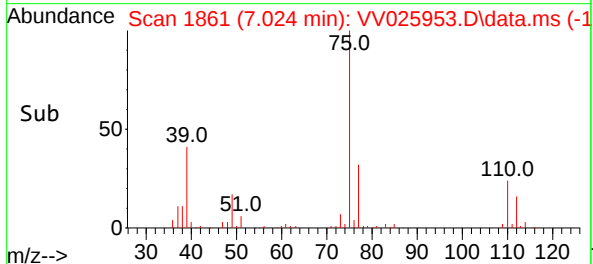
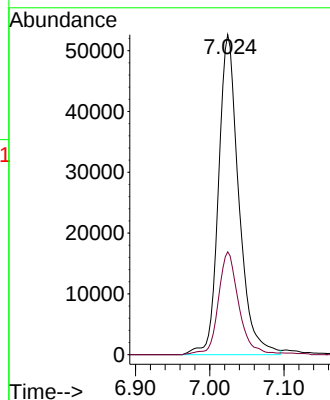
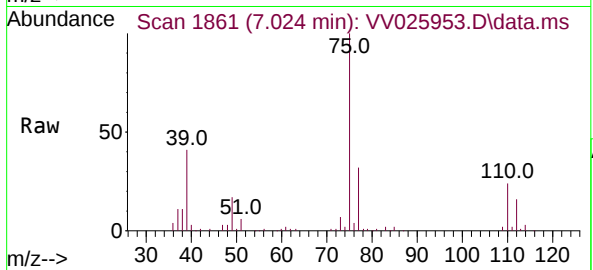
ClientSampleId :

Tgt Ion: 75 Resp: 100200

Ion Ratio Lower Upper

75 100

77 32.1 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 50.958 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VV025953.D

Acq: 23 May 2022 14:34

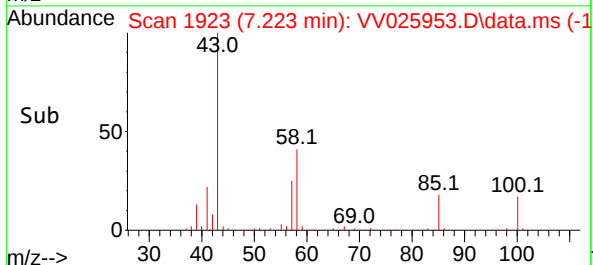
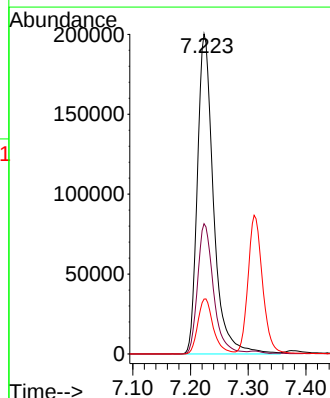
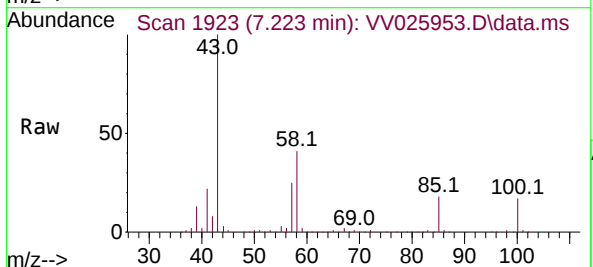
Tgt Ion: 43 Resp: 388226

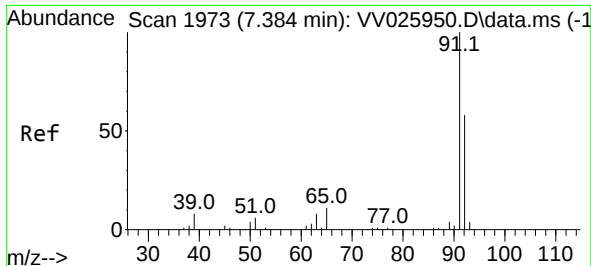
Ion Ratio Lower Upper

43 100

58 40.2 31.6 47.4

100 16.5 12.2 18.4

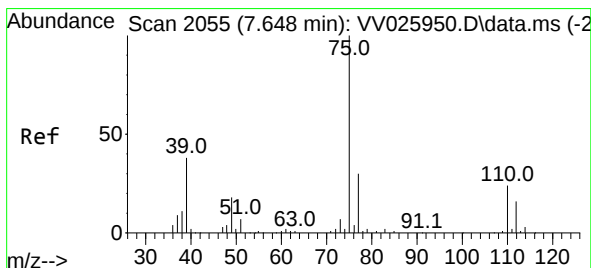
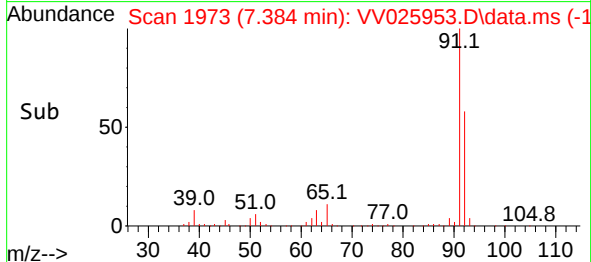
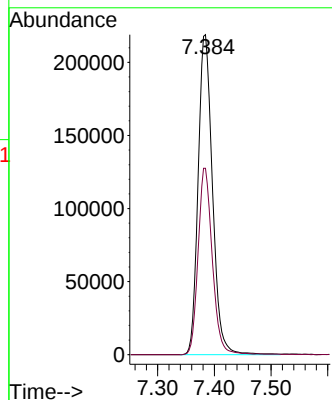
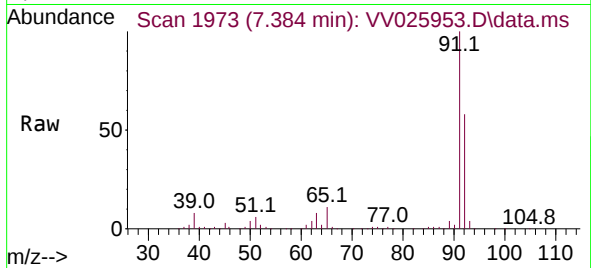




#42
Toluene
Concen: 5.296 ug/L
RT: 7.384 min Scan# 1973
Delta R.T. 0.000 min
Lab File: VV025953.D
Acq: 23 May 2022 14:34

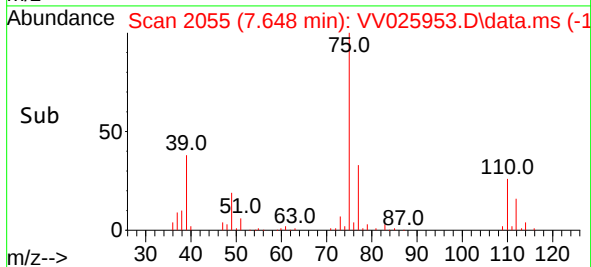
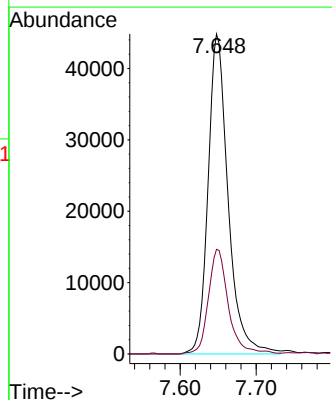
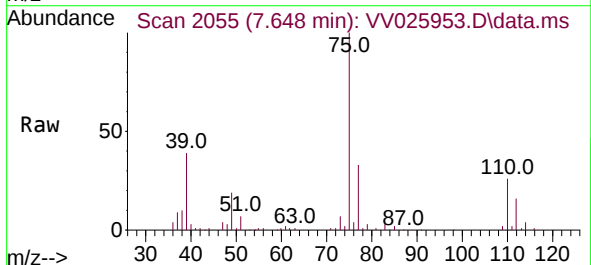
Instrument :
MSVOA_V
ClientSampleId :

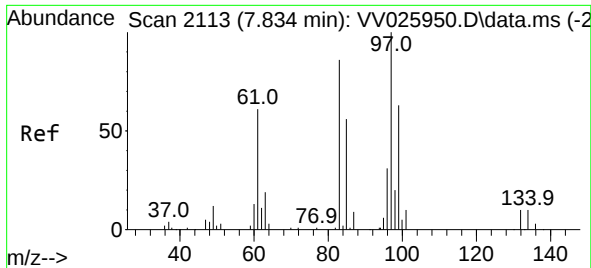
Tgt Ion: 91 Resp: 384921
Ion Ratio Lower Upper
91 100
92 58.3 40.7 75.7



#44
trans-1,3-Dichloropropene
Concen: 4.729 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. 0.000 min
Lab File: VV025953.D
Acq: 23 May 2022 14:34

Tgt Ion: 75 Resp: 82007
Ion Ratio Lower Upper
75 100
77 32.7 23.1 42.9

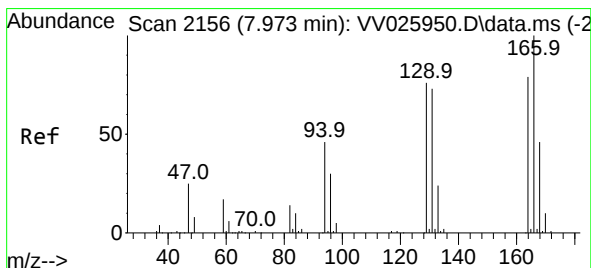
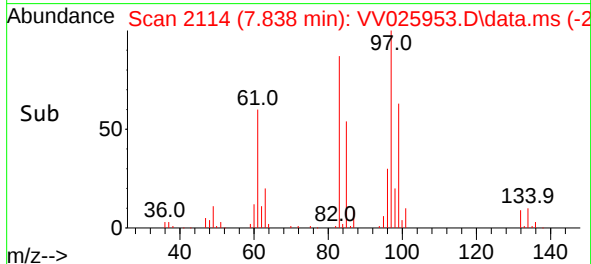
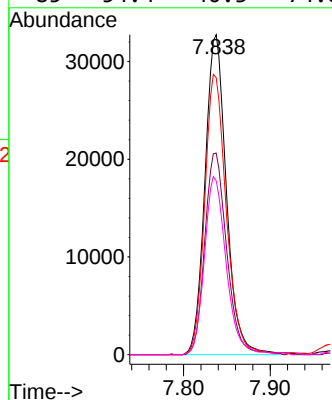
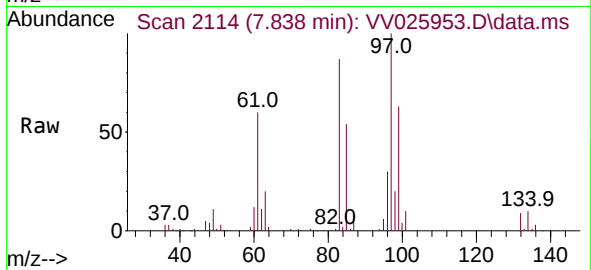




#45
1,1,2-Trichloroethane
Concen: 4.974 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. 0.003 min
Lab File: VV025953.D
Acq: 23 May 2022 14:34

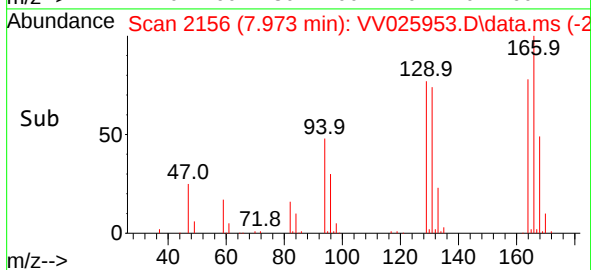
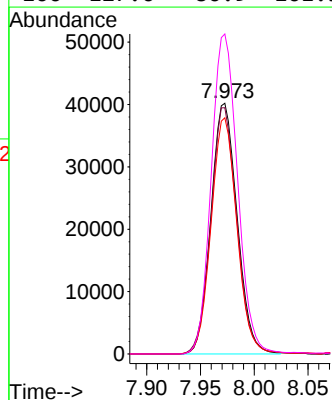
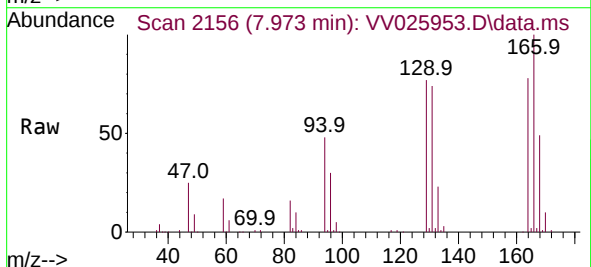
Instrument :
MSVOA_V
ClientSampleId :

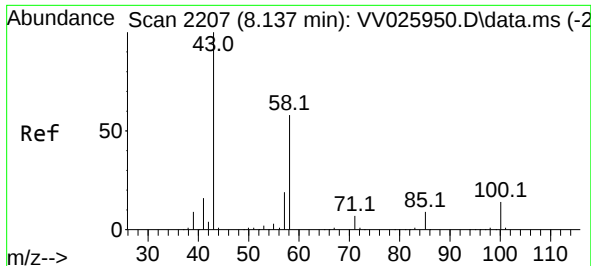
Tgt Ion: 97	Resp: 56237
Ion Ratio	Lower Upper
97 100	
99 63.0	44.8 83.2
83 86.6	65.7 121.9
85 54.4	40.3 74.8



#47
Tetrachloroethene
Concen: 4.932 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.000 min
Lab File: VV025953.D
Acq: 23 May 2022 14:34

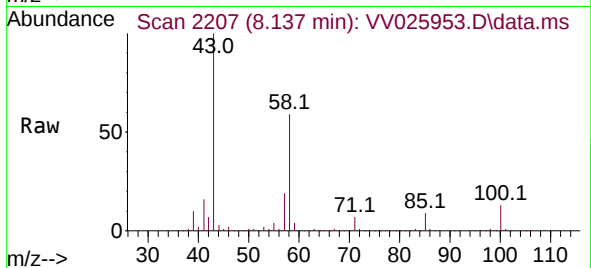
Tgt	Ion:164	Resp:	68143
Ion	Ratio	Lower	Upper
164	100		
129	98.2	67.5	125.4
131	94.2	63.8	118.4
166	127.6	86.9	161.3



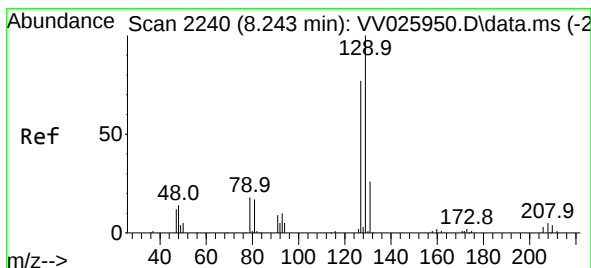
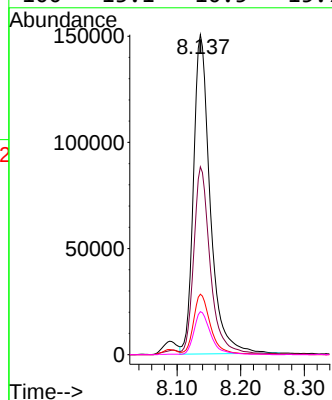
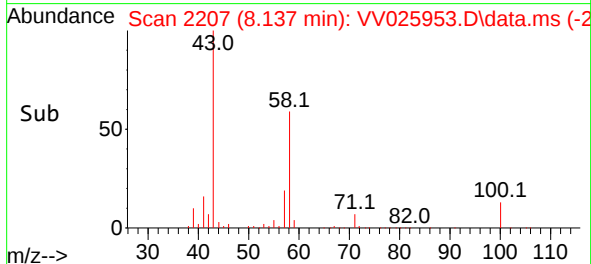


#48
2-Hexanone
Concen: 50.997 ug/L
RT: 8.137 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV025953.D
Acq: 23 May 2022 14:34

Instrument :
MSVOA_V
ClientSampleId :

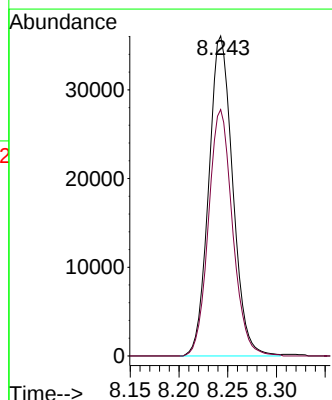
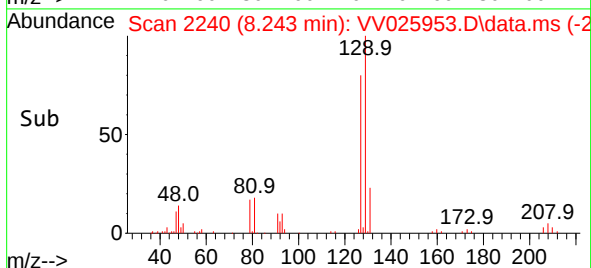
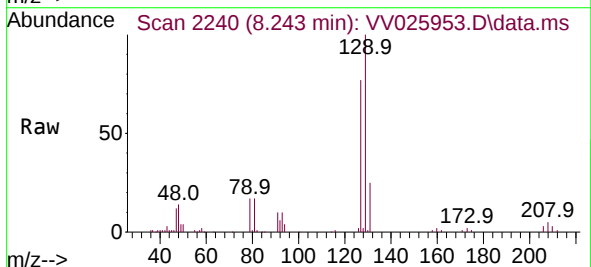


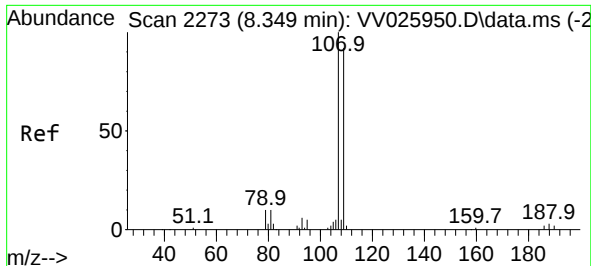
Tgt Ion: 43	Resp: 274661
Ion Ratio	Lower Upper
43 100	
58 57.2	44.7 67.1
57 19.4	14.9 22.3
100 13.1	10.5 15.7



#49
Dibromochloromethane
Concen: 4.998 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV025953.D
Acq: 23 May 2022 14:34

Tgt Ion:129	Resp: 61751		
Ion Ratio	Lower	Upper	
129 100			
127 77.0	54.5	101.1	





#50

1,2-Dibromoethane

Concen: 5.032 ug/L

RT: 8.349 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV025953.D

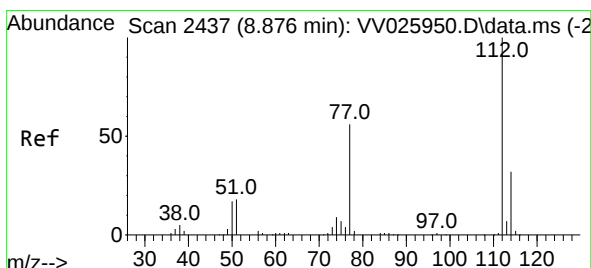
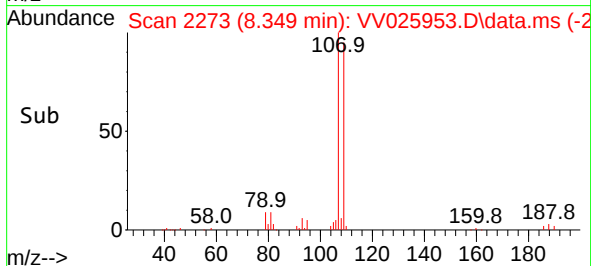
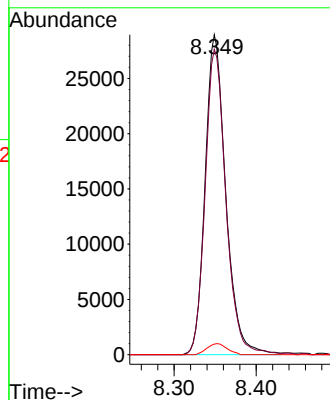
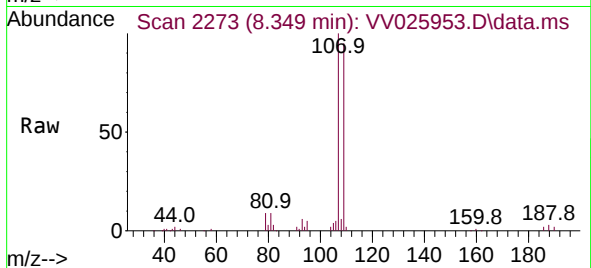
Acq: 23 May 2022 14:34

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	50576
Ion	Ratio	Lower	Upper
107	100		
109	95.4	68.1	126.5
188	3.3	2.7	4.1



#51

Chlorobenzene

Concen: 5.049 ug/L

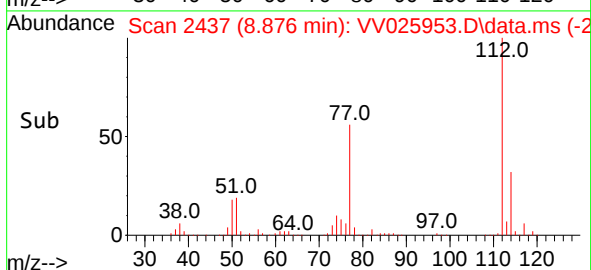
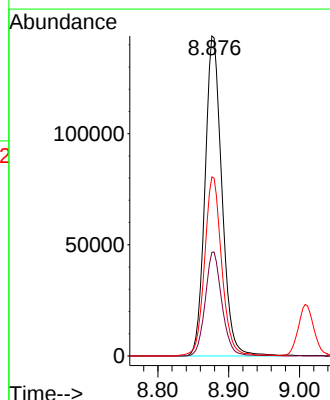
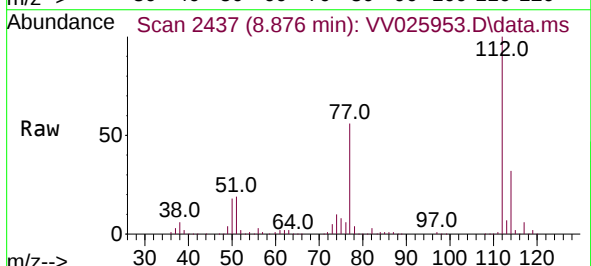
RT: 8.876 min Scan# 2437

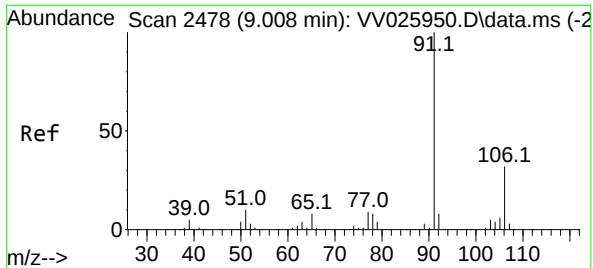
Delta R.T. 0.000 min

Lab File: VV025953.D

Acq: 23 May 2022 14:34

Tgt Ion:	112	Resp:	238025
Ion	Ratio	Lower	Upper
112	100		
114	32.4	22.3	41.3
77	55.9	45.3	67.9

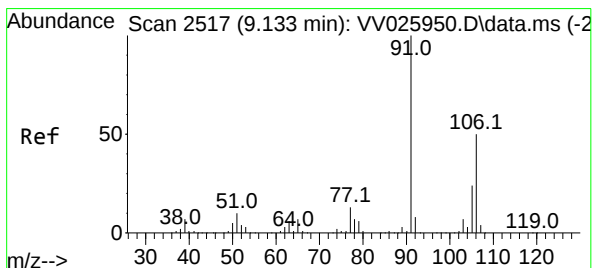
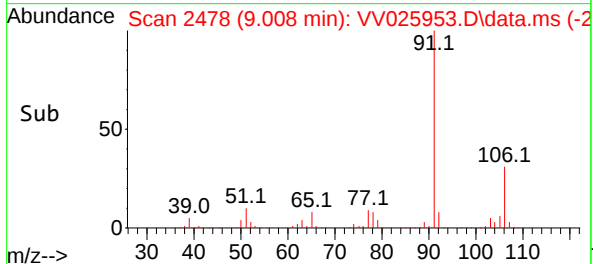
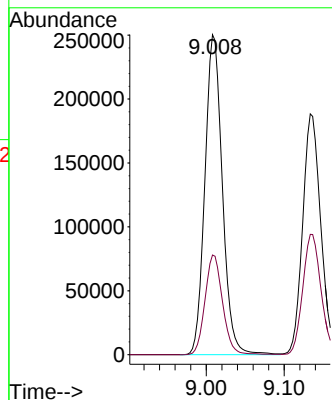
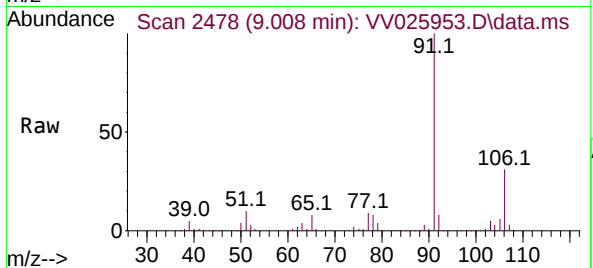




#52
Ethylbenzene
Concen: 5.100 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. 0.000 min
Lab File: VV025953.D
Acq: 23 May 2022 14:34

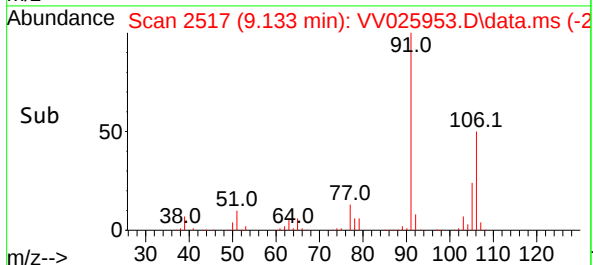
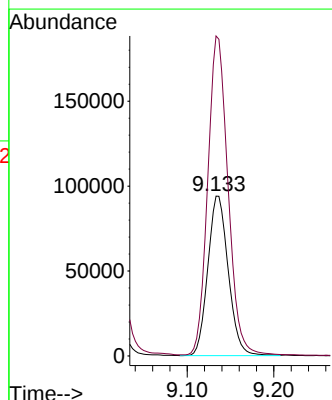
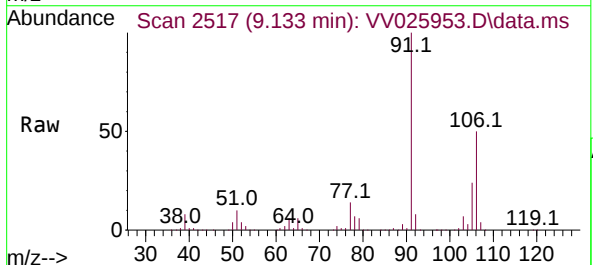
Instrument :
MSVOA_V
ClientSampleId :

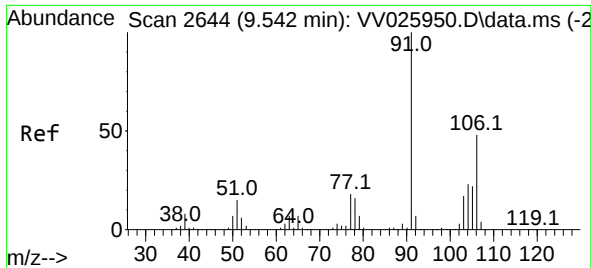
Tgt Ion: 91 Resp: 389847
Ion Ratio Lower Upper
91 100
106 31.1 21.6 40.0



#53
m,p-Xylene
Concen: 5.216 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. 0.000 min
Lab File: VV025953.D
Acq: 23 May 2022 14:34

Tgt Ion: 106 Resp: 153998
Ion Ratio Lower Upper
106 100
91 200.2 135.3 251.3

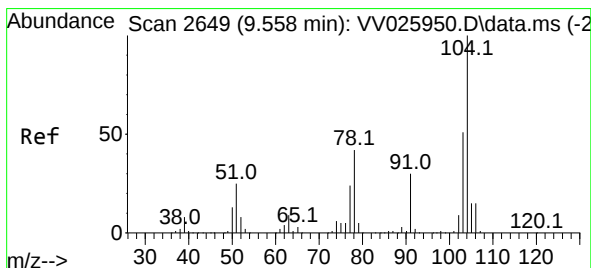
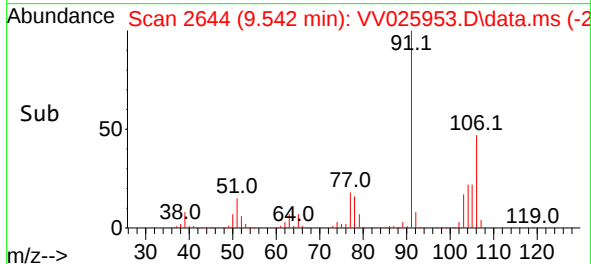
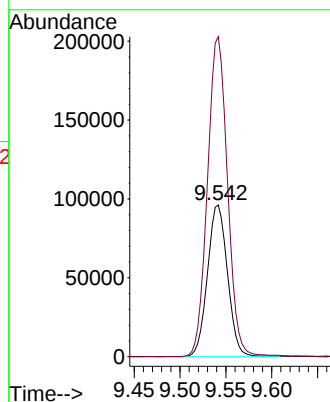
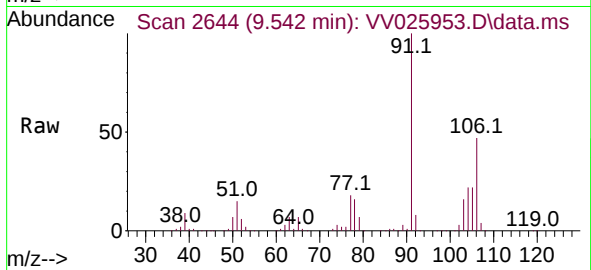




#54
o-Xylene
Concen: 5.200 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV025953.D
Acq: 23 May 2022 14:34

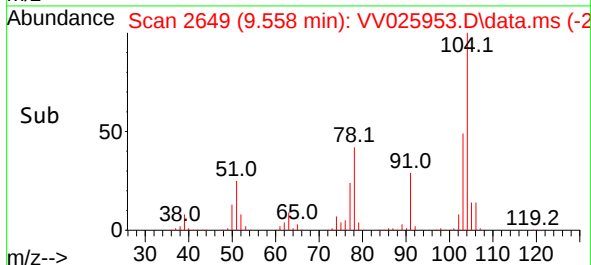
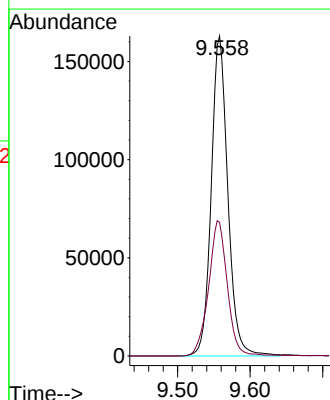
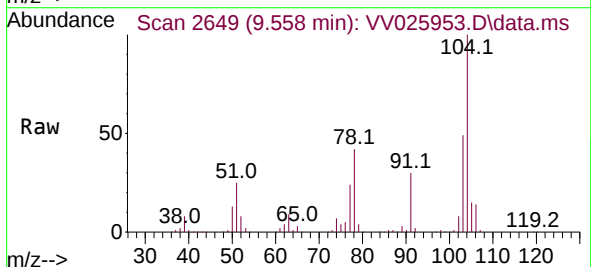
Instrument :
MSVOA_V
ClientSampleId :

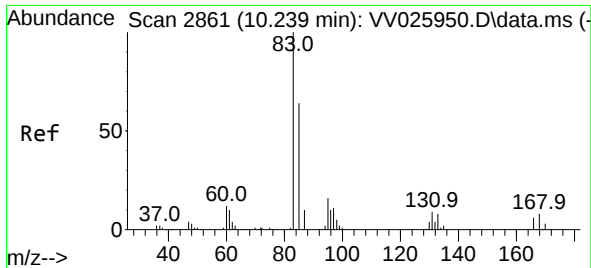
Tgt Ion:106 Resp: 146215
Ion Ratio Lower Upper
106 100
91 211.1 145.1 269.5



#55
Styrene
Concen: 5.489 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV025953.D
Acq: 23 May 2022 14:34

Tgt Ion:104 Resp: 259329
Ion Ratio Lower Upper
104 100
78 41.8 30.0 55.8

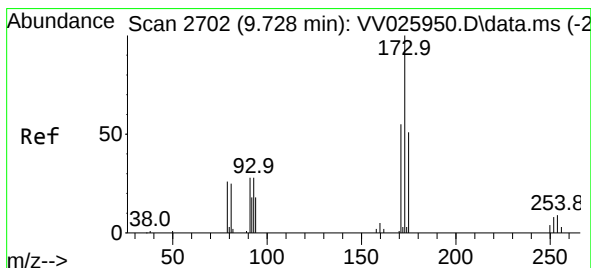
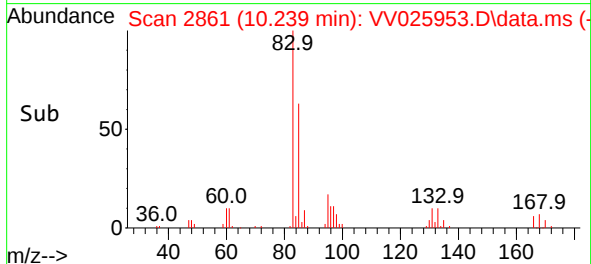
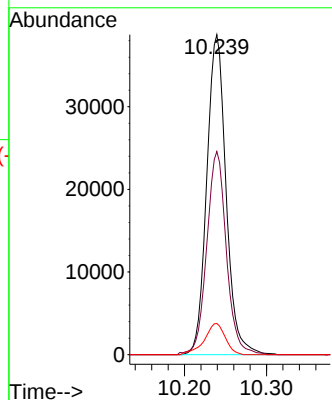
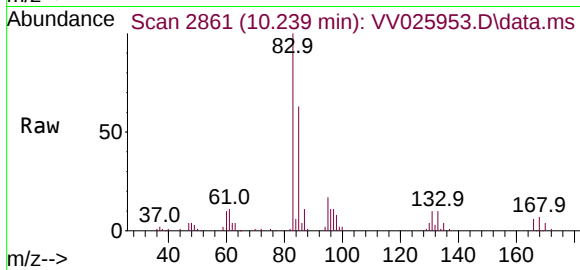




#57
1,1,2,2-Tetrachloroethane
Concen: 5.179 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VV025953.D
Acq: 23 May 2022 14:34

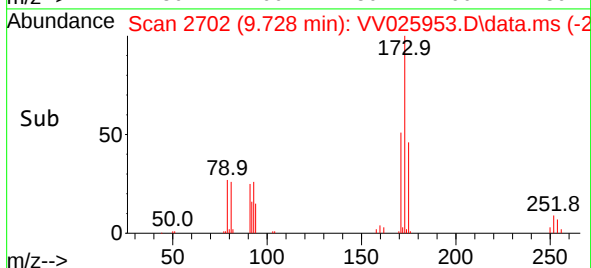
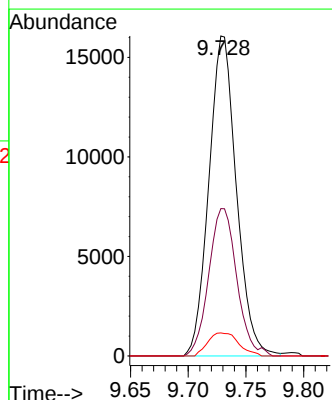
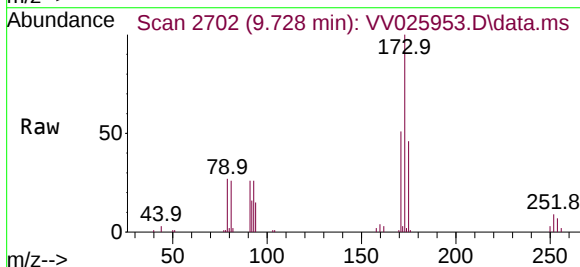
Instrument :
MSVOA_V
ClientSampleId :

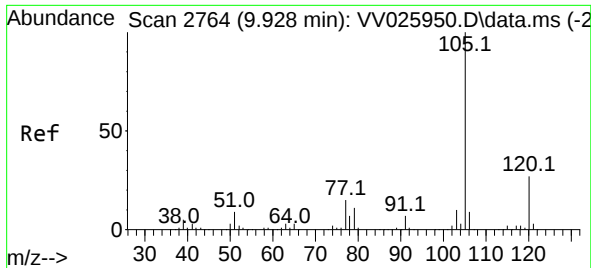
Tgt Ion: 83 Resp: 63260
Ion Ratio Lower Upper
83 100
85 63.5 44.5 82.7
131 9.7 6.7 10.1



#59
Bromoform
Concen: 4.365 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. 0.000 min
Lab File: VV025953.D
Acq: 23 May 2022 14:34

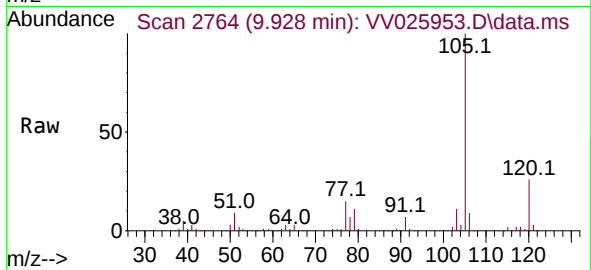
Tgt Ion: 173 Resp: 26639
Ion Ratio Lower Upper
173 100
175 46.9 39.4 59.2
254 8.1 7.0 10.6



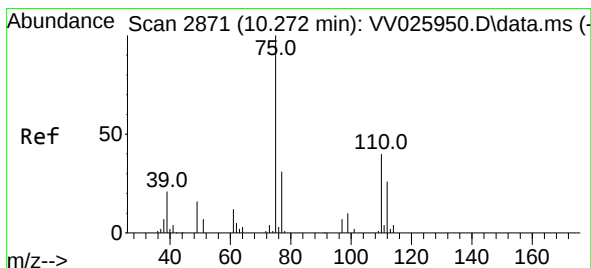
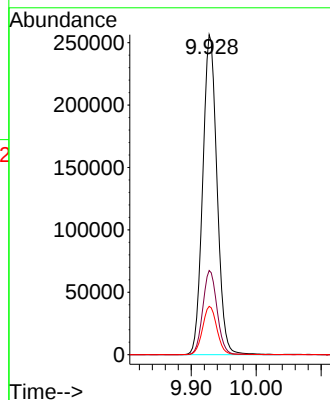
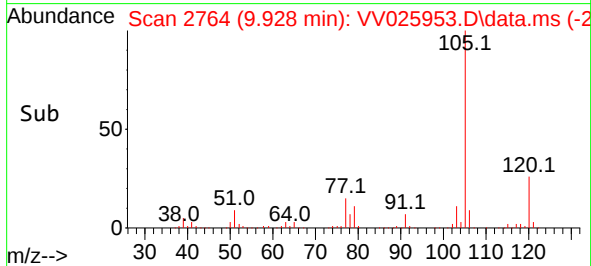


#60
Isopropylbenzene
Concen: 4.995 ug/L
RT: 9.928 min Scan# 2764
Delta R.T. 0.000 min
Lab File: VV025953.D
Acq: 23 May 2022 14:34

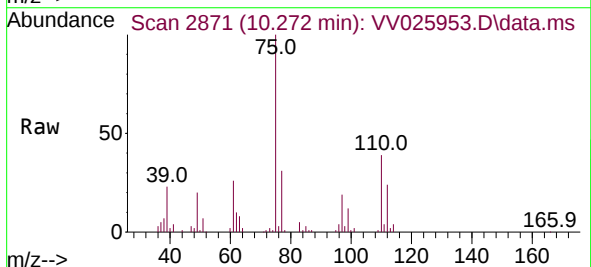
Instrument :
MSVOA_V
ClientSampleId :



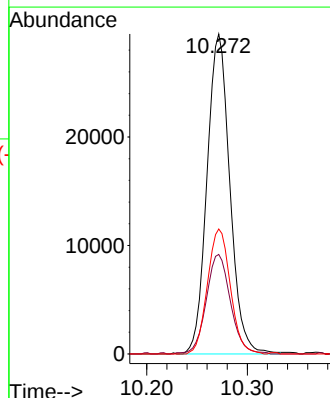
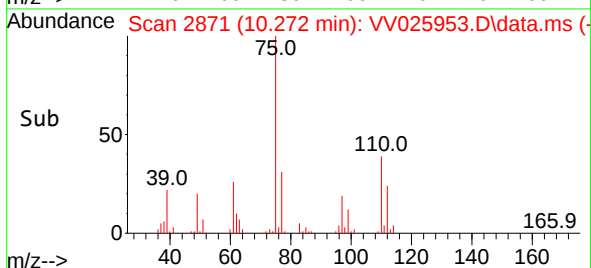
Tgt Ion:105 Resp: 392786
Ion Ratio Lower Upper
105 100
120 26.4 20.7 31.1
77 15.2 12.5 18.7

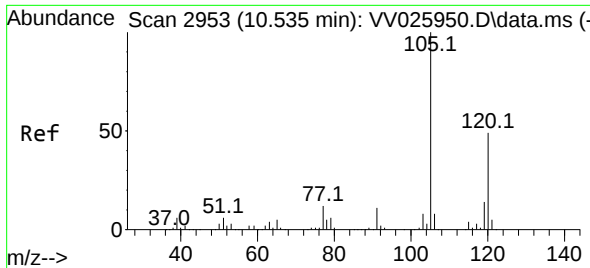


#61
1,2,3-Trichloropropane
Concen: 4.759 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV025953.D
Acq: 23 May 2022 14:34



Tgt Ion: 75 Resp: 46613
Ion Ratio Lower Upper
75 100
77 33.0 26.2 39.2
110 39.1 32.4 48.6

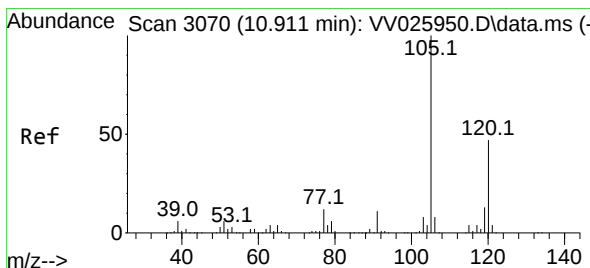
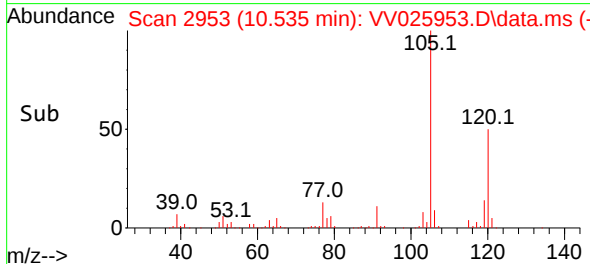
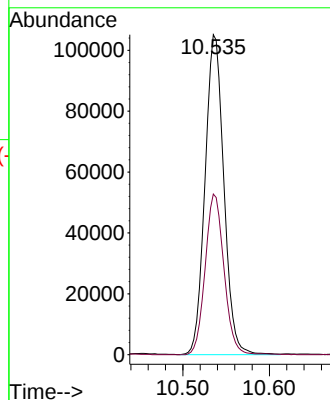
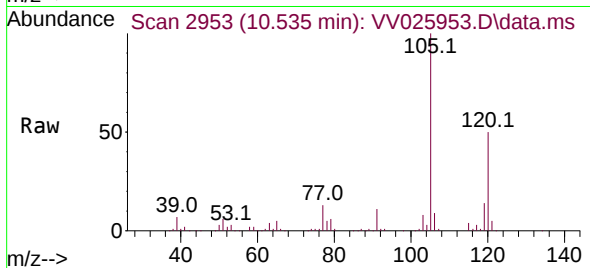




#62
 1,3,5-Trimethylbenzene
 Concen: 4.731 ug/L
 RT: 10.535 min Scan# 2953
 Delta R.T. 0.000 min
 Lab File: VV025953.D
 Acq: 23 May 2022 14:34

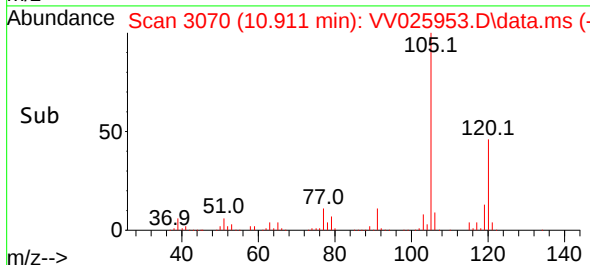
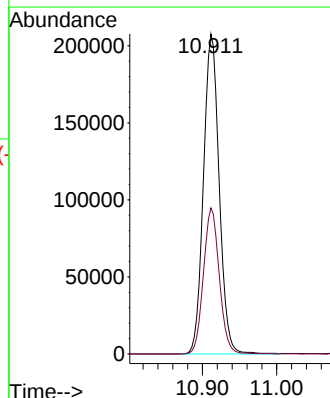
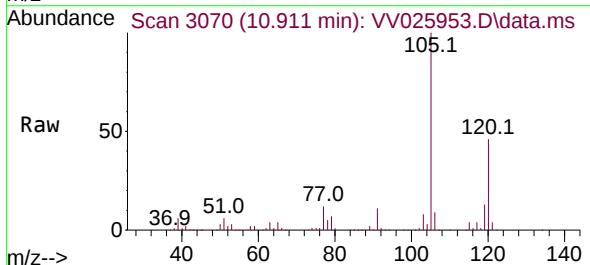
Instrument :
 MSVOA_V
 ClientSampleId :

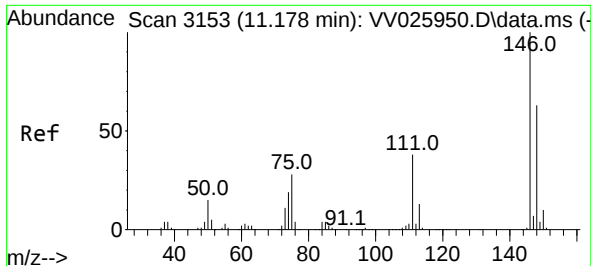
Tgt Ion:105 Resp: 158869
 Ion Ratio Lower Upper
 105 100
 120 50.2 40.4 60.6



#63
 1,2,4-Trimethylbenzene
 Concen: 4.954 ug/L
 RT: 10.911 min Scan# 3070
 Delta R.T. 0.000 min
 Lab File: VV025953.D
 Acq: 23 May 2022 14:34

Tgt Ion:105 Resp: 305024
 Ion Ratio Lower Upper
 105 100
 120 45.9 36.8 55.2

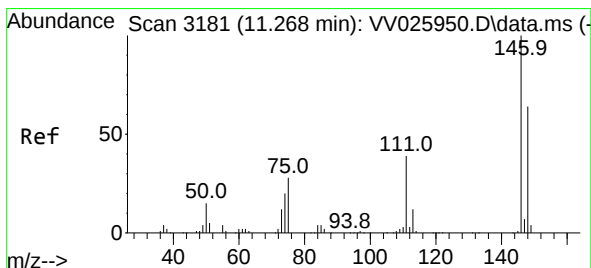
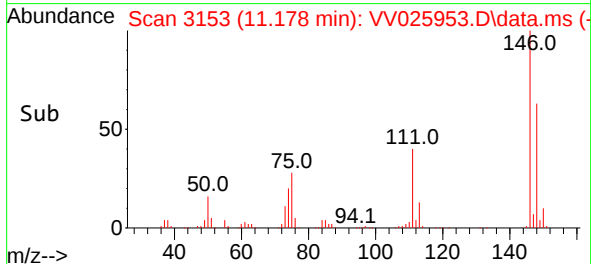
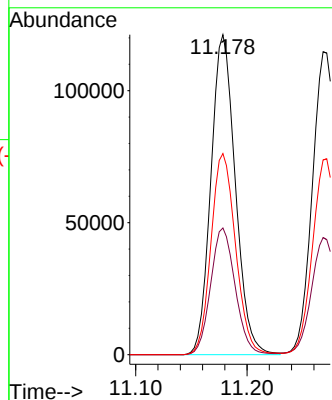
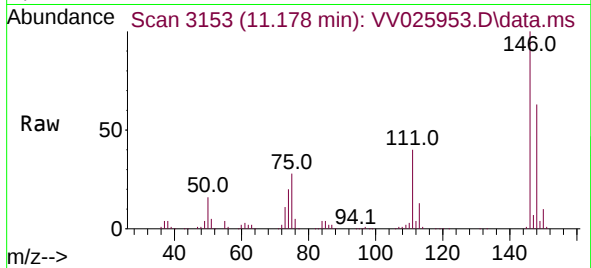




#64
1,3-Dichlorobenzene
Concen: 4.962 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV025953.D
Acq: 23 May 2022 14:34

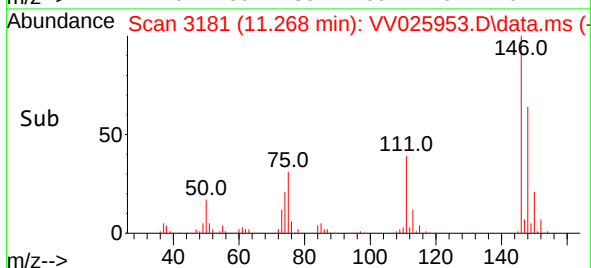
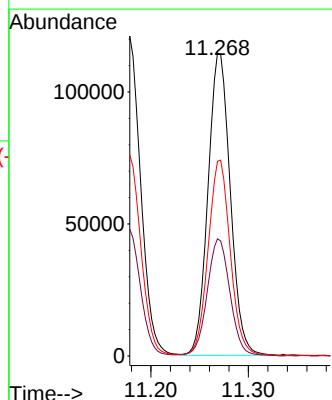
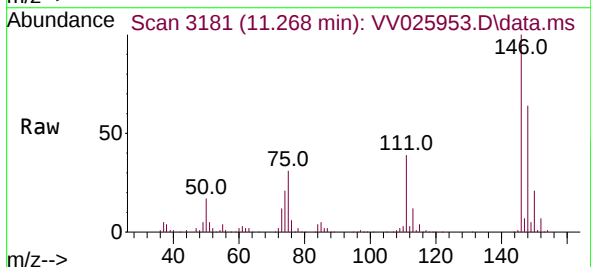
Instrument :
MSVOA_V
ClientSampleId :

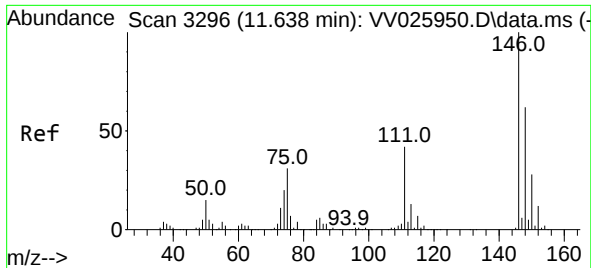
Tgt Ion:146 Resp: 184604
Ion Ratio Lower Upper
146 100
111 39.6 28.2 52.4
148 62.9 42.6 79.0



#65
1,4-Dichlorobenzene
Concen: 4.802 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. 0.000 min
Lab File: VV025953.D
Acq: 23 May 2022 14:34

Tgt Ion:146 Resp: 181875
Ion Ratio Lower Upper
146 100
111 38.7 27.5 51.1
148 64.3 44.7 82.9

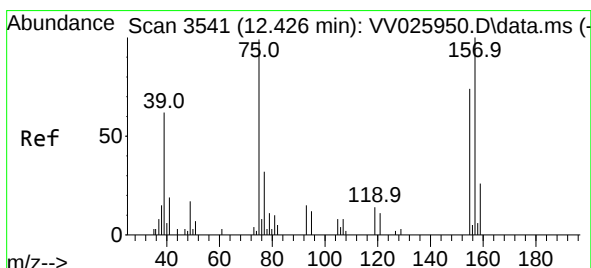
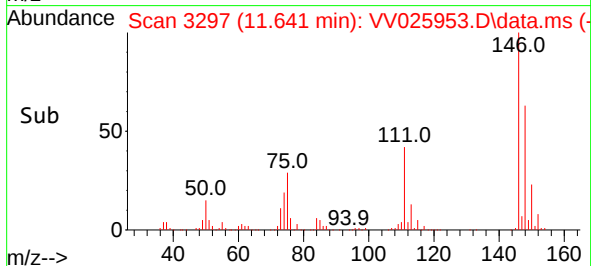
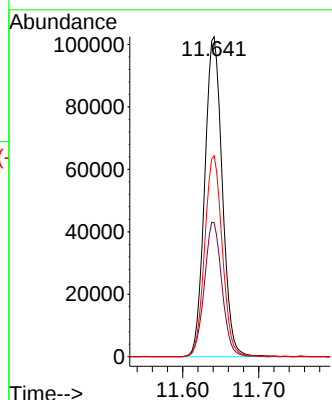
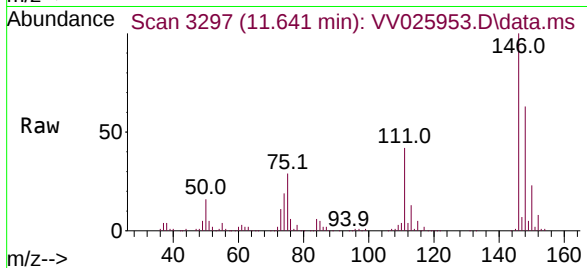




#67
1,2-Dichlorobenzene
Concen: 4.917 ug/L
RT: 11.641 min Scan# 3296
Delta R.T. 0.003 min
Lab File: VV025953.D
Acq: 23 May 2022 14:34

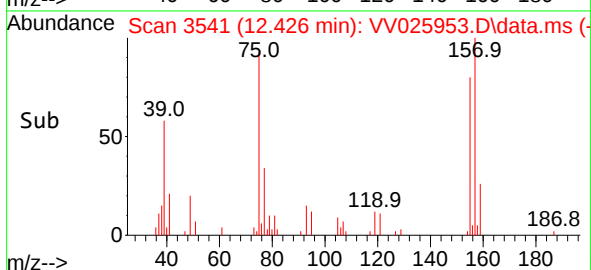
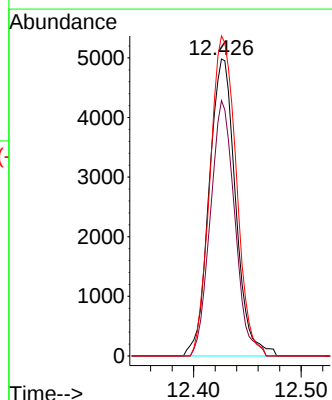
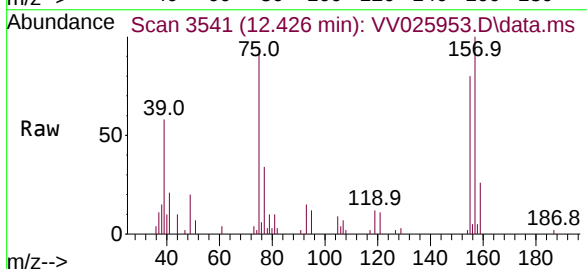
Instrument :
MSVOA_V
ClientSampleId :

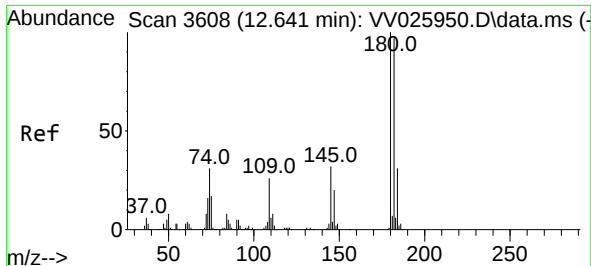
Tgt Ion:146 Resp: 164363
Ion Ratio Lower Upper
146 100
111 41.9 33.6 50.4
148 62.8 49.4 74.2



#68
1,2-Dibromo-3-chloropropane
Concen: 4.474 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. 0.000 min
Lab File: VV025953.D
Acq: 23 May 2022 14:34

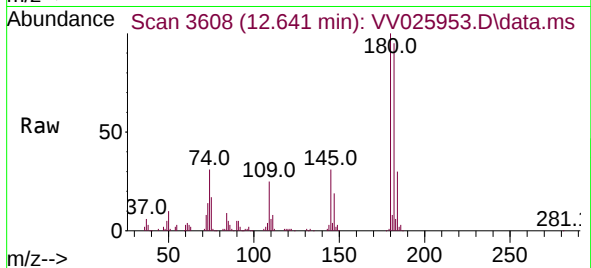
Tgt Ion: 75 Resp: 8487
Ion Ratio Lower Upper
75 100
155 86.0 59.6 89.4
157 107.8 85.3 127.9



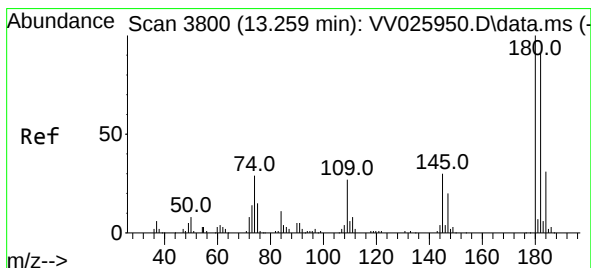
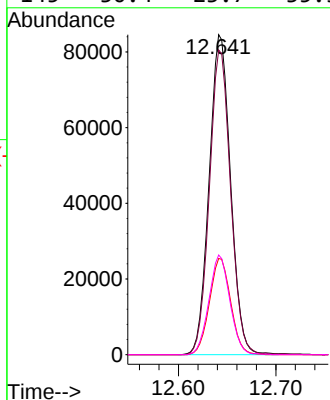
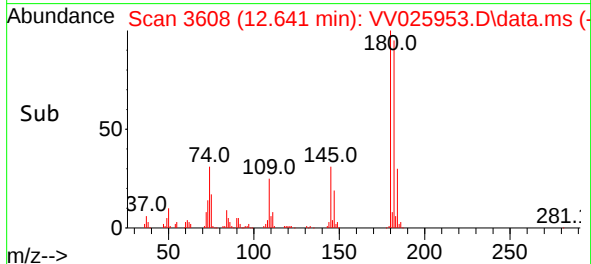


#69
 1,3,5-Trichlorobenzene
 Concen: 4.665 ug/L
 RT: 12.641 min Scan# 3608
 Delta R.T. 0.000 min
 Lab File: VV025953.D
 Acq: 23 May 2022 14:34

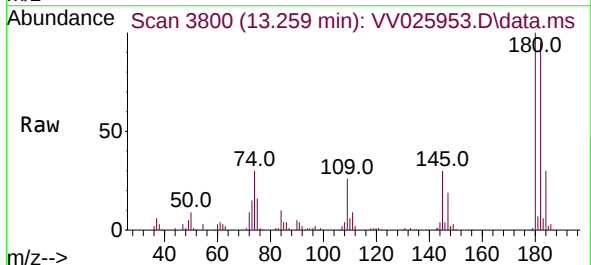
Instrument :
 MSVOA_V
 ClientSampleId :



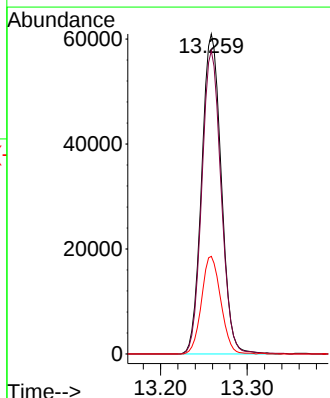
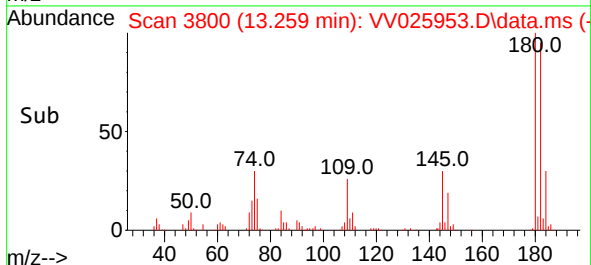
Tgt Ion:180 Resp: 129272
 Ion Ratio Lower Upper
 180 100
 182 94.0 74.3 111.5
 184 29.8 23.5 35.3
 145 30.4 23.7 35.5

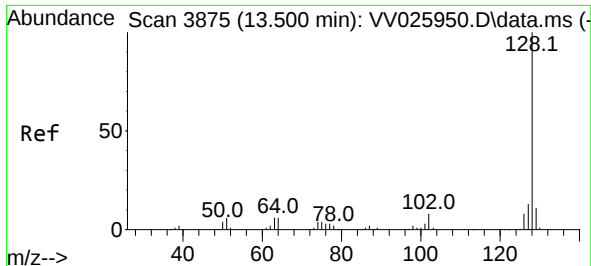


#70
 1,2,4-trichlorobenzene
 Concen: 4.549 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV025953.D
 Acq: 23 May 2022 14:34



Tgt Ion:180 Resp: 95645
 Ion Ratio Lower Upper
 180 100
 182 93.4 75.0 112.4
 145 30.0 25.1 37.7

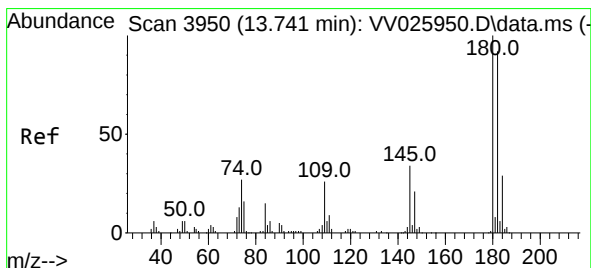
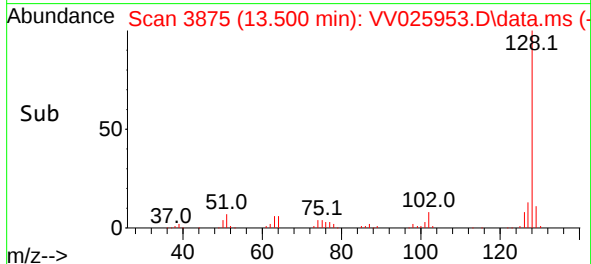
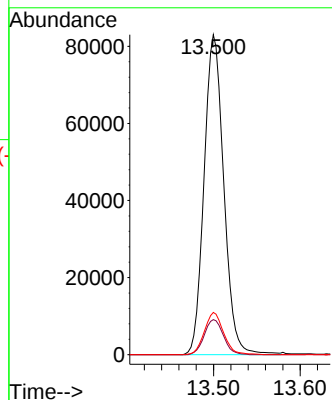
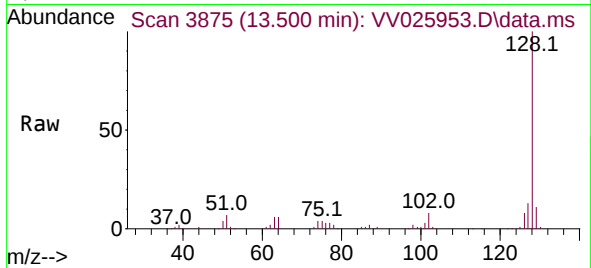




#71
Naphthalene
Concen: 4.177 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV025953.D
Acq: 23 May 2022 14:34

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 131489
Ion Ratio Lower Upper
128 100
129 10.6 8.8 13.2
127 12.9 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 4.529 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV025953.D
Acq: 23 May 2022 14:34

Tgt Ion:180 Resp: 82250
Ion Ratio Lower Upper
180 100
182 94.2 73.5 110.3
145 32.8 25.9 38.9

