

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120722\
 Data File : VW029427.D
 Acq On : 07 Dec 2022 19:08
 Operator : SY/MD
 Sample : MDL03
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL03

Quant Time: Dec 08 01:36:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 08 00:46:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	502376	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	457980	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	236000	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	130733	42.496	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.000%
7) Chloroethane-d5	1.561	69	105830	45.115	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.220%
11) 1,1-Dichloroethene-d2	2.105	63	168356	35.087	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.180%
21) 2-Butanone-d5	3.867	46	211733	112.825	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.830%
24) Chloroform-d	4.339	84	268618	46.401	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	5.024	65	163478	49.444	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.880%
32) Benzene-d6	5.043	84	578511	47.805	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.620%
36) 1,2-Dichloropropane-d6	6.063	67	182607	49.401	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.800%
41) Toluene-d8	7.307	98	537394	47.131	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.260%
43) trans-1,3-Dichloroprop...	7.612	79	87455	46.854	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.700%
47) 2-Hexanone-d5	8.082	63	176593	111.877	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.880%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	264483	50.071	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.140%
66) 1,2-Dichlorobenzene-d4	11.612	152	219010	48.750	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	7980	2.017	ug/L	96
3) Chloromethane	1.240	50	10254	2.273	ug/L	99
5) Vinyl chloride	1.307	62	8473	2.245	ug/L #	69
6) Bromomethane	1.516	94	4171	2.746	ug/L	91
8) Chloroethane	1.581	64	4943	2.352	ug/L	91
9) Trichlorofluoromethane	1.751	101	10029	2.122	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	7034	2.679	ug/L	88
12) 1,1-Dichloroethene	2.111	96	7298	2.718	ug/L #	1
13) Acetone	2.156	43	5918	4.841	ug/L	98
14) Carbon disulfide	2.291	76	19892	2.226	ug/L	96
15) Methyl Acetate	2.429	43	6387	2.293	ug/L	92
16) Methylene chloride	2.503	84	9702	2.906	ug/L	94
17) trans-1,2-Dichloroethene	2.757	96	6943	2.244	ug/L	98
18) Methyl tert-butyl Ether	2.764	73	21931	2.313	ug/L	98
19) 1,1-Dichloroethane	3.185	63	12301	2.321	ug/L	96
20) cis-1,2-Dichloroethene	3.908	96	7821	2.299	ug/L	96
22) 2-Butanone	3.979	43	7530	3.871	ug/L #	65
23) Bromochloromethane	4.246	128	3738	2.134	ug/L	96
25) Chloroform	4.368	83	13380	2.435	ug/L	97

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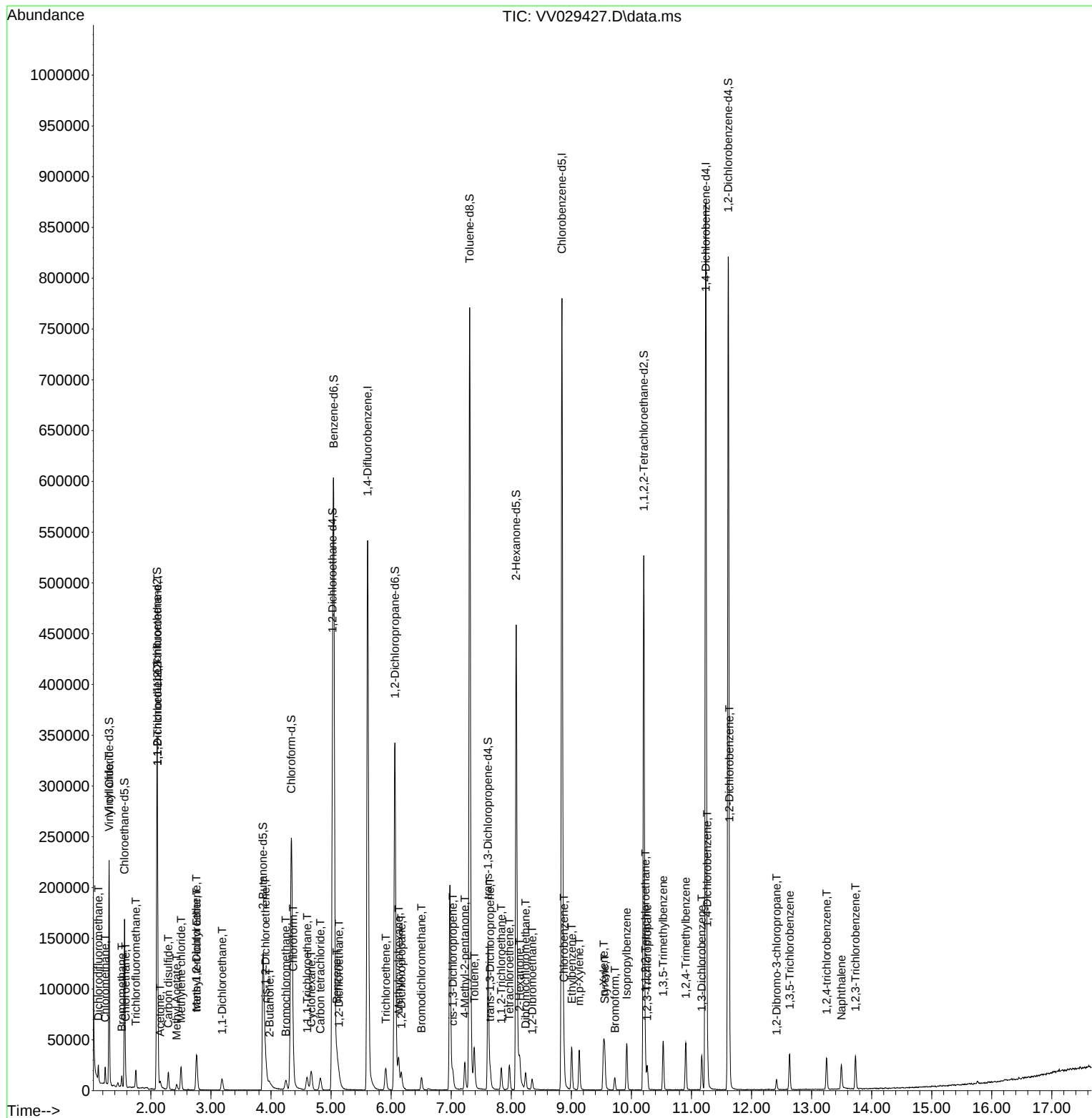
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	8959	2.308	ug/L	97
29) Cyclohexane	4.670	56	10559	2.128	ug/L	97
30) 1,1,1-Trichloroethane	4.603	97	10901	2.185	ug/L	98
31) Carbon tetrachloride	4.822	117	9389	2.155	ug/L	97
33) Benzene	5.095	78	29083	2.253	ug/L	100
34) Trichloroethene	5.912	95	6827	2.110	ug/L	93
35) Methylcyclohexane	6.127	83	12570	2.288	ug/L	97
37) 1,2-Dichloropropane	6.172	63	6640	2.131	ug/L #	97
38) Bromodichloromethane	6.506	83	9103	2.116	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	11460	2.236	ug/L	93
40) 4-Methyl-2-pentanone	7.227	43	17568	4.729	ug/L	98
42) Toluene	7.384	91	30584	2.201	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	9773	2.014	ug/L	89
45) 1,1,2-Trichloroethane	7.834	97	7206	2.239	ug/L	93
46) Tetrachloroethene	7.969	164	6104	2.347	ug/L	95
48) 2-Hexanone	8.140	43	16413	5.783	ug/L	91
49) Dibromochloromethane	8.239	129	7407	2.084	ug/L	96
50) 1,2-Dibromoethane	8.349	107	7572	2.283	ug/L	97
51) Chlorobenzene	8.876	112	20234	2.300	ug/L	97
52) Ethylbenzene	9.008	91	32062	2.195	ug/L	98
53) m,p-Xylene	9.130	106	11968	2.070	ug/L	98
54) o-Xylene	9.538	106	11712	2.048	ug/L	93
55) Styrene	9.558	104	20177	2.030	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.233	83	12641	2.455	ug/L #	99
59) Bromoform	9.725	173	5631	2.160	ug/L	98
60) Isopropylbenzene	9.921	105	31463	2.271	ug/L	99
61) 1,2,3-Trichloropropane	10.265	75	10128	2.780	ug/L	93
62) 1,3,5-Trimethylbenzene	10.529	105	26455	2.159	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	26329	2.168	ug/L	100
64) 1,3-Dichlorobenzene	11.172	146	15117	2.231	ug/L	97
65) 1,4-Dichlorobenzene	11.262	146	16620	2.414	ug/L	99
67) 1,2-Dichlorobenzene	11.632	146	16161	2.333	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.419	75	2841	2.509	ug/L	90
69) 1,3,5-Trichlorobenzene	12.635	180	11582	2.148	ug/L	97
70) 1,2,4-trichlorobenzene	13.252	180	10002	2.086	ug/L	98
71) Naphthalene	13.496	128	22424	2.062	ug/L	98
72) 1,2,3-Trichlorobenzene	13.731	180	10569	2.251	ug/L	99

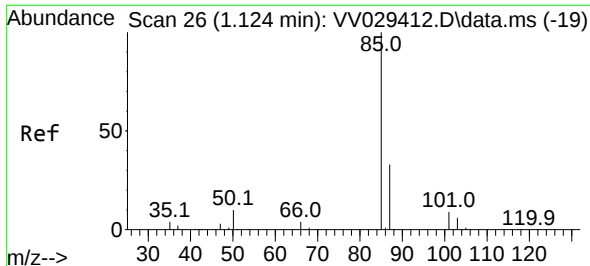
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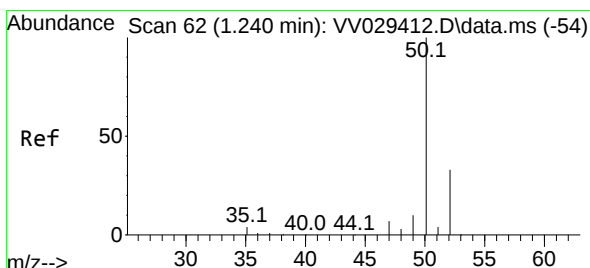
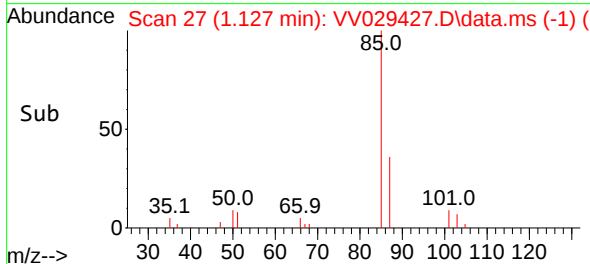
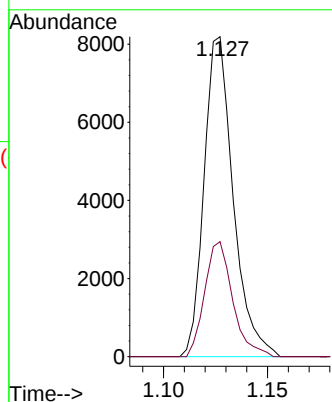
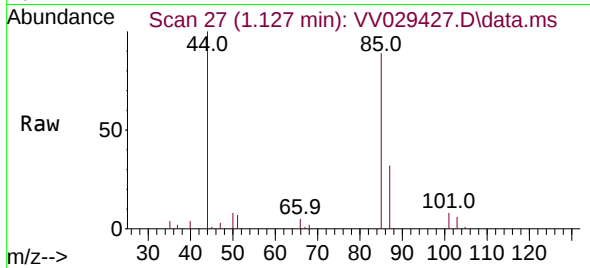




#2
 Dichlorodifluoromethane
 Concen: 2.017 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV029427.D
 Acq: 07 Dec 2022 19:08

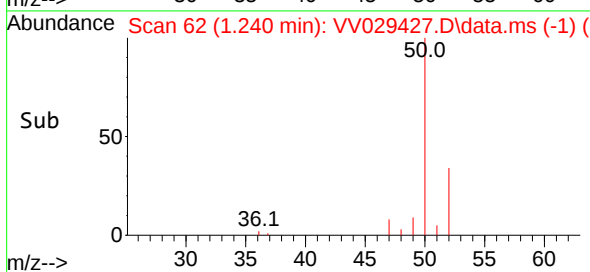
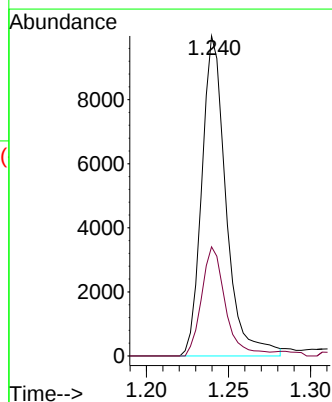
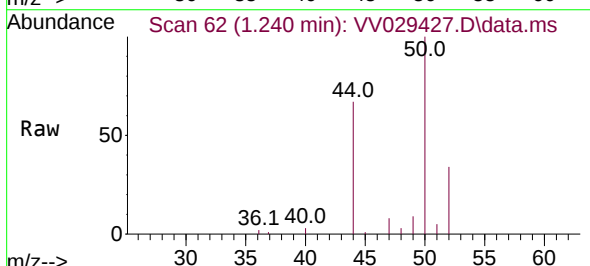
Instrument :
 MSVOA_V
 ClientSampleId :
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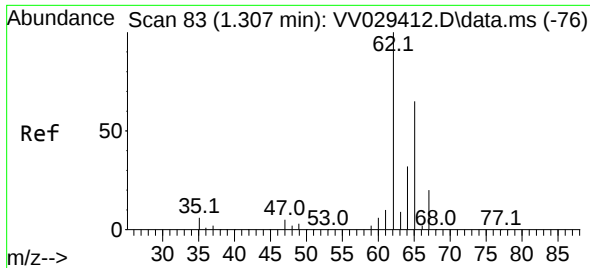
Tgt Ion: 85 Resp: 7980
 Ion Ratio Lower Upper
 85 100
 87 34.6 25.9 38.9



#3
 Chloromethane
 Concen: 2.273 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV029427.D
 Acq: 07 Dec 2022 19:08

Tgt Ion: 50 Resp: 10254
 Ion Ratio Lower Upper
 50 100
 52 34.1 23.3 43.3

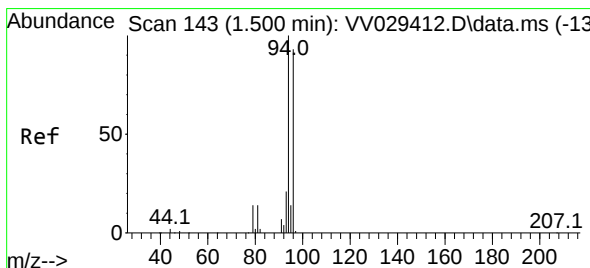
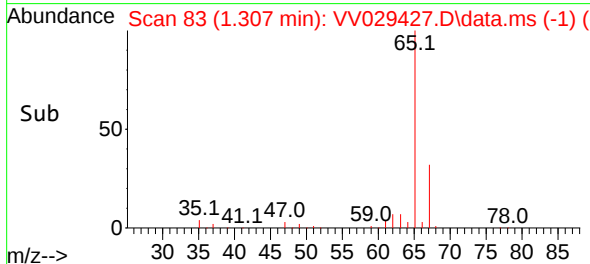
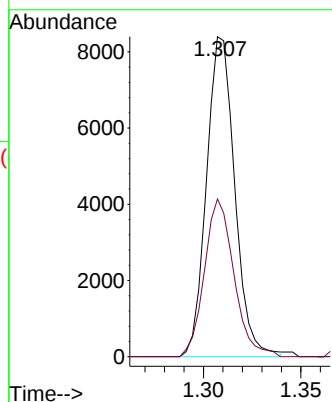
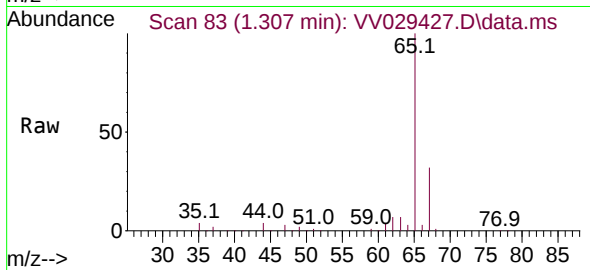




#5
 Vinyl chloride
 Concen: 2.245 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV029427.D
 Acq: 07 Dec 2022 19:08

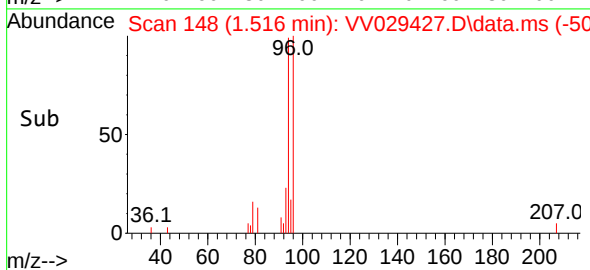
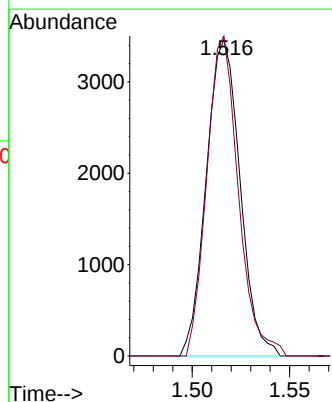
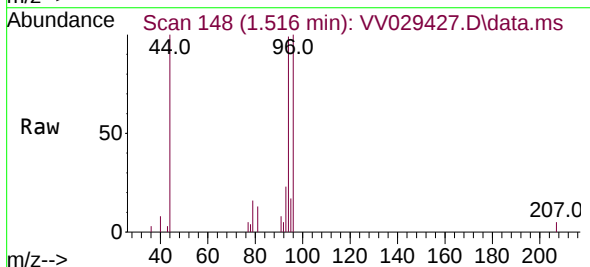
Instrument :
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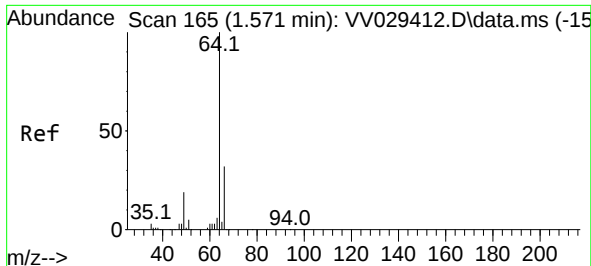
Tgt Ion: 62 Resp: 8473
 Ion Ratio Lower Upper
 62 100
 64 49.3 22.5 41.9#



#6
 Bromomethane
 Concen: 2.746 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.016 min
 Lab File: VV029427.D
 Acq: 07 Dec 2022 19:08

Tgt Ion: 94 Resp: 4171
 Ion Ratio Lower Upper
 94 100
 96 101.2 65.1 120.9

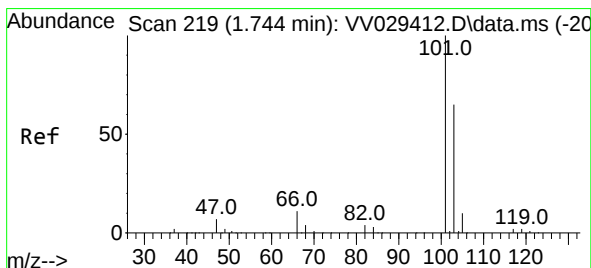
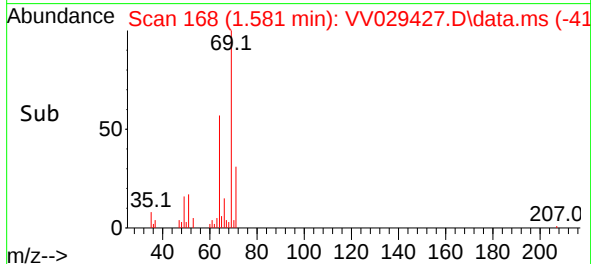
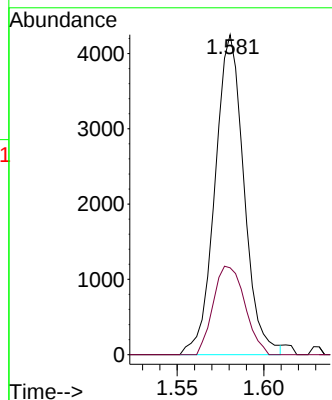
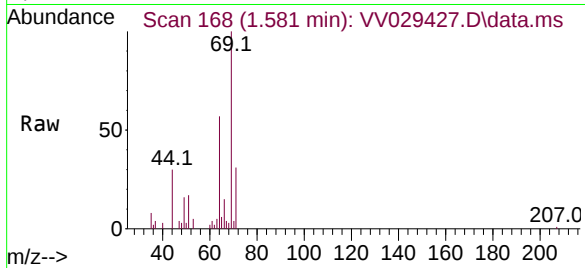




#8
Chloroethane
Concen: 2.352 ug/L
RT: 1.581 min Scan# 1
Delta R.T. 0.010 min
Lab File: VV029427.D
Acq: 07 Dec 2022 19:08

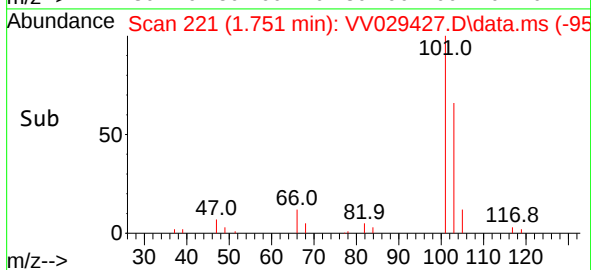
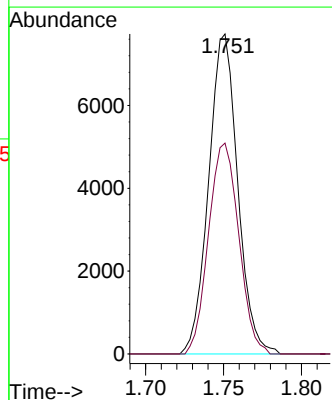
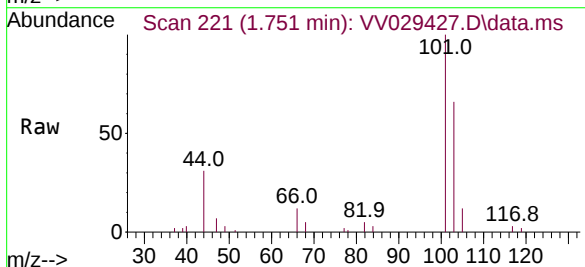
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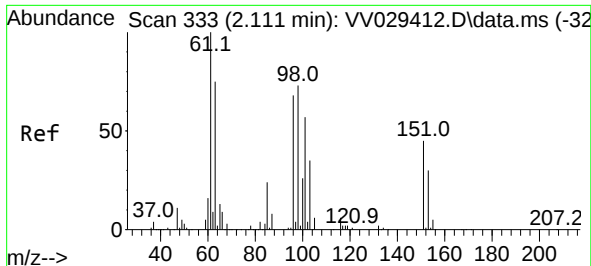
Tgt Ion: 64 Resp: 4943
Ion Ratio Lower Upper
64 100
66 27.1 22.5 41.9



#9
Trichlorofluoromethane
Concen: 2.122 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.007 min
Lab File: VV029427.D
Acq: 07 Dec 2022 19:08

Tgt Ion:101 Resp: 10029
Ion Ratio Lower Upper
101 100
103 68.5 51.8 77.8

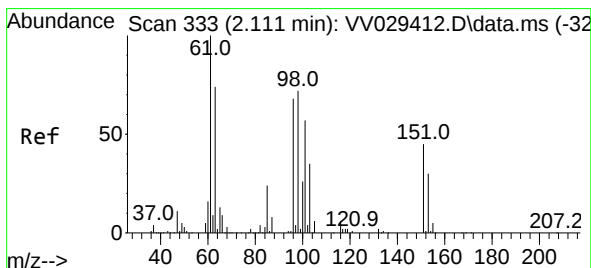
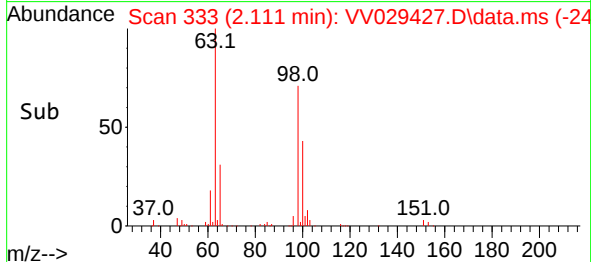
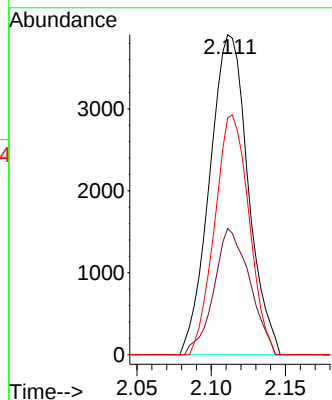
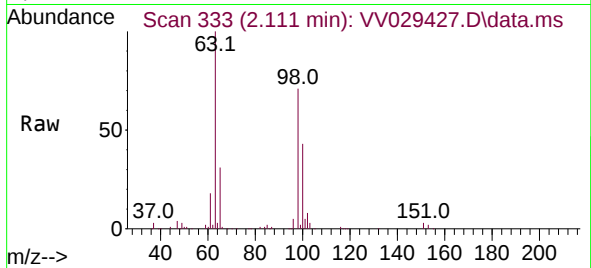




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.679 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.000 min
 Lab File: VV029427.D
 Acq: 07 Dec 2022 19:08

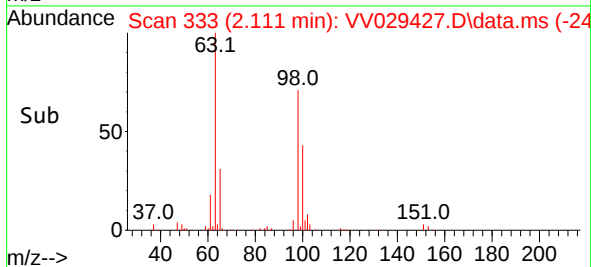
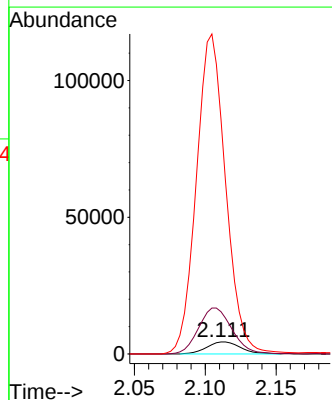
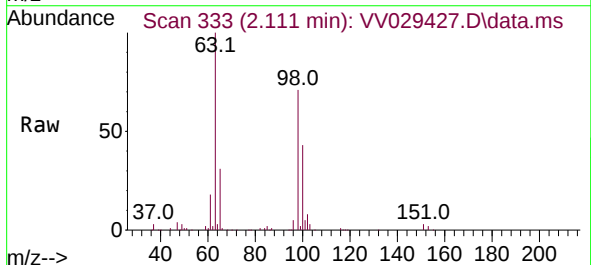
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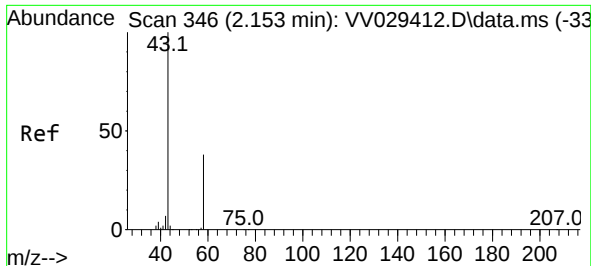
Tgt Ion:101 Resp: 7034
 Ion Ratio Lower Upper
 101 100
 85 36.8 33.6 50.4
 151 66.8 63.5 95.3



#12
 1,1-Dichloroethene
 Concen: 2.718 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.000 min
 Lab File: VV029427.D
 Acq: 07 Dec 2022 19:08

Tgt Ion: 96 Resp: 7298
 Ion Ratio Lower Upper
 96 100
 61 351.5 103.3 191.9#
 63 1953.9 77.3 143.7#





#13

Acetone

Concen: 4.841 ug/L

RT: 2.156 min Scan# 34

Delta R.T. 0.003 min

Lab File: VV029427.D

Acq: 07 Dec 2022 19:08

Instrument :

MSVOA_V

ClientSampleId :

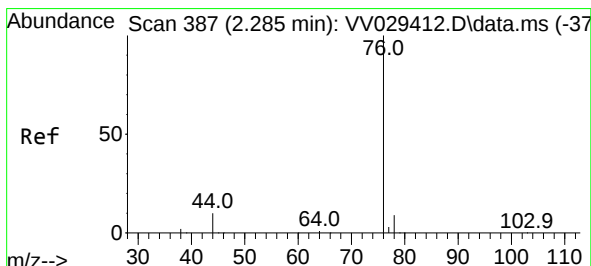
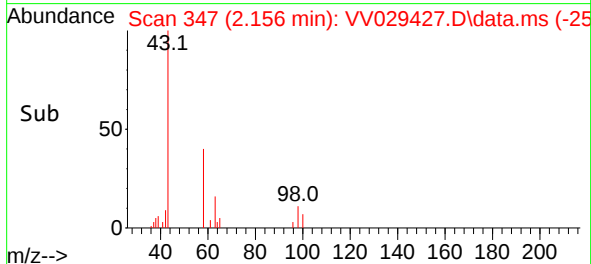
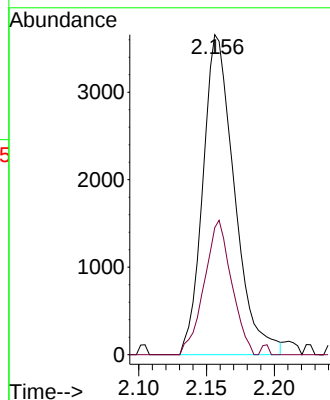
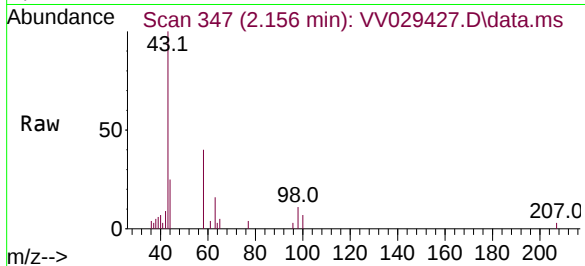
MDL03

Tgt Ion: 43 Resp: 5918

Ion Ratio Lower Upper

43 100

58 36.4 0.0 74.8



#14

Carbon disulfide

Concen: 2.226 ug/L

RT: 2.291 min Scan# 389

Delta R.T. 0.007 min

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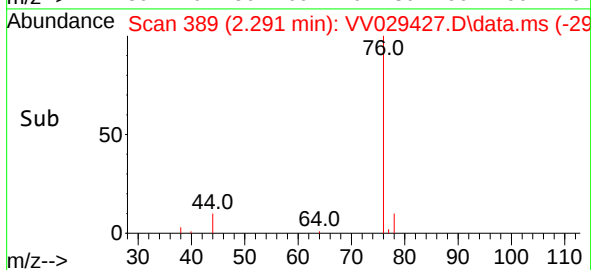
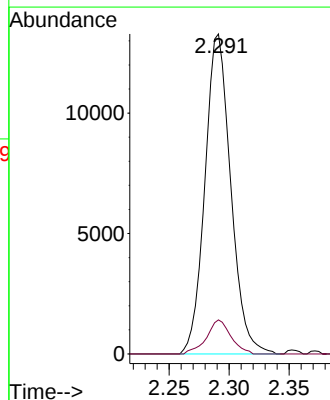
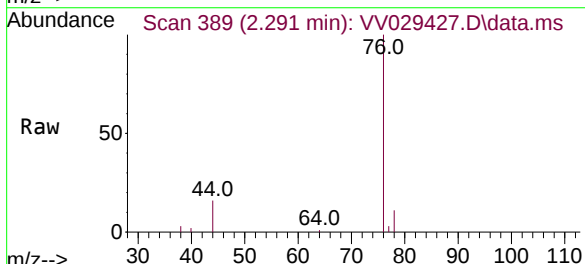
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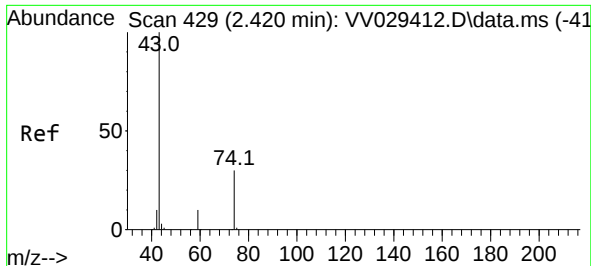
Tgt Ion: 76 Resp: 19892

Ion Ratio Lower Upper

76 100

78 10.7 7.4 11.2

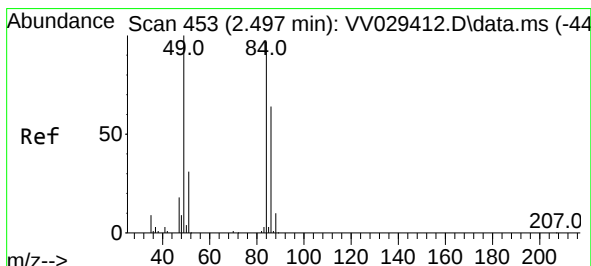
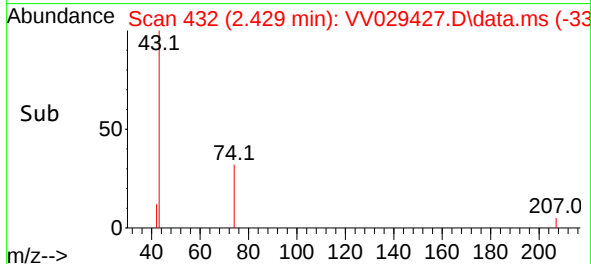
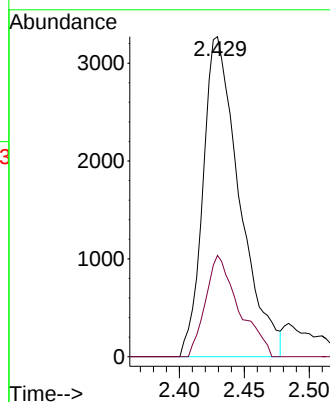
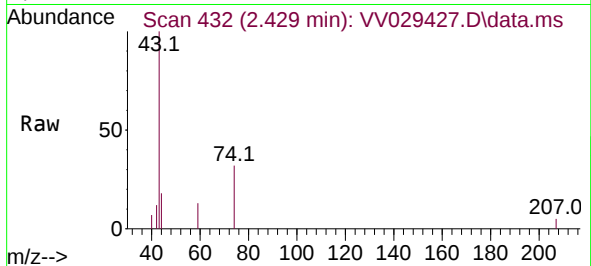




#15
Methyl Acetate
Concen: 2.293 ug/L
RT: 2.429 min Scan# 41
Delta R.T. 0.010 min
Lab File: VV029427.D
Acq: 07 Dec 2022 19:08

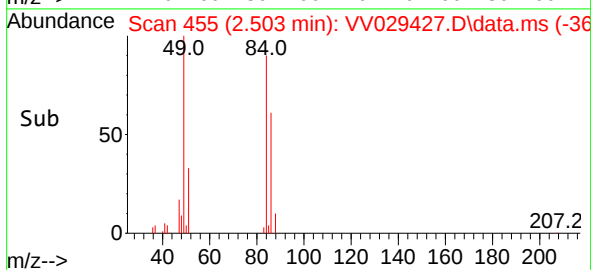
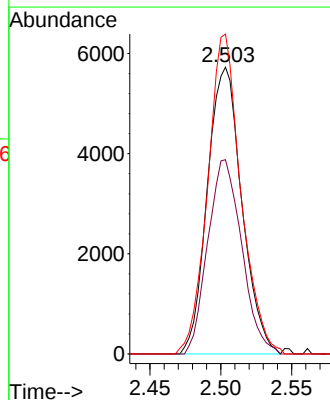
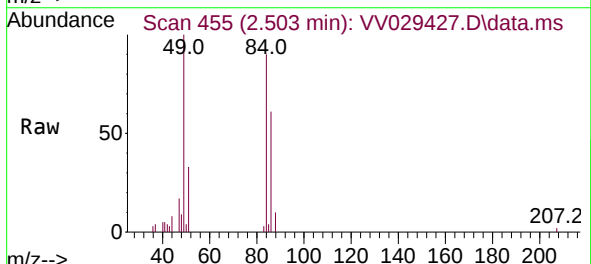
Instrument :
MSVOA_V
ClientSampleId :
MDL03

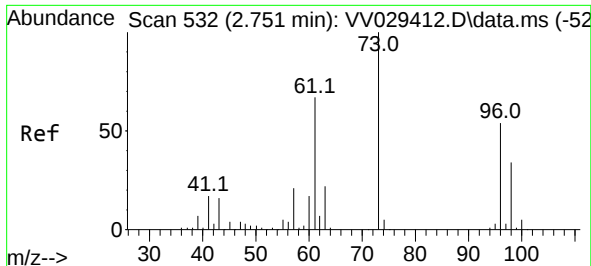
Tgt Ion: 43 Resp: 6387
Ion Ratio Lower Upper
43 100
74 25.2 23.5 35.3



#16
Methylene chloride
Concen: 2.906 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.007 min
Lab File: VV029427.D
Acq: 07 Dec 2022 19:08

Tgt Ion: 84 Resp: 9702
Ion Ratio Lower Upper
84 100
86 67.7 46.0 85.4
49 111.6 72.2 134.0

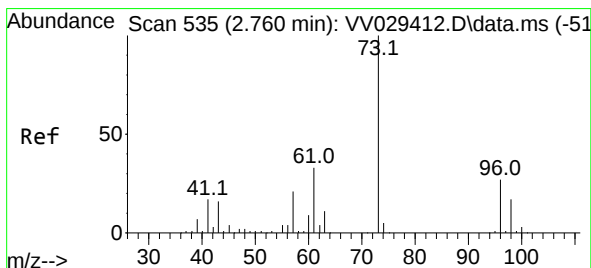
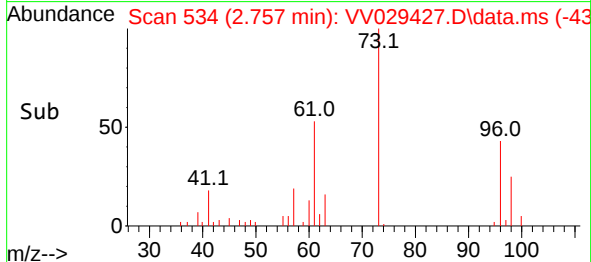
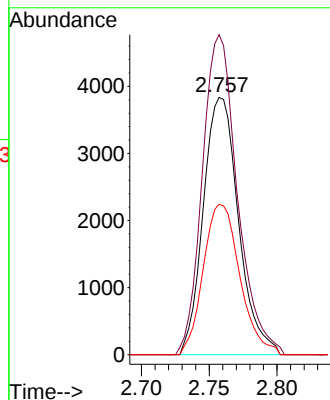
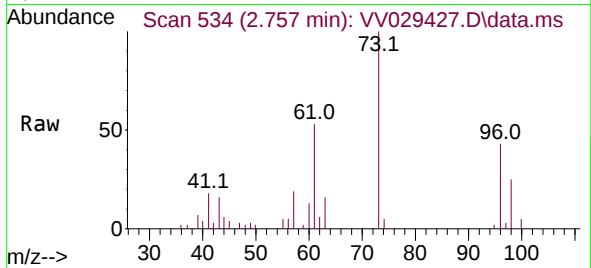




#17
trans-1,2-Dichloroethene
Concen: 2.244 ug/L
RT: 2.757 min Scan# 51
Delta R.T. 0.007 min
Lab File: VV029427.D
Acq: 07 Dec 2022 19:08

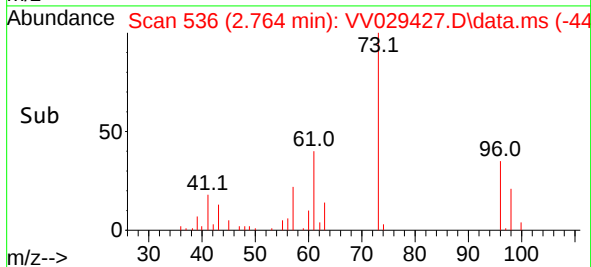
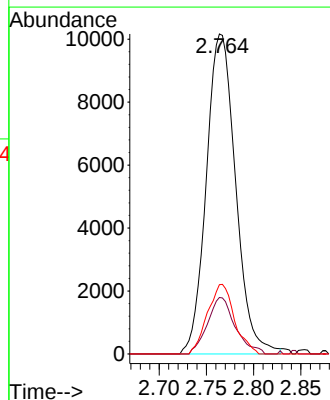
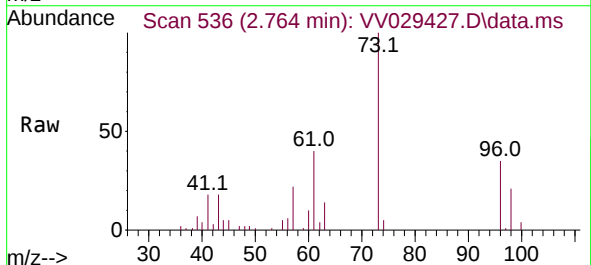
Instrument :
MSVOA_V
ClientSampleId :
MDL03

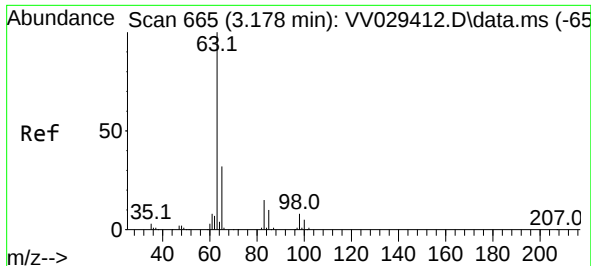
Tgt Ion: 96 Resp: 6943
Ion Ratio Lower Upper
96 100
61 124.3 86.4 160.4
98 58.5 43.4 80.6



#18
Methyl tert-butyl Ether
Concen: 2.313 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV029427.D
Acq: 07 Dec 2022 19:08

Tgt Ion: 73 Resp: 21931
Ion Ratio Lower Upper
73 100
43 16.6 12.7 19.1
57 20.0 16.7 25.1

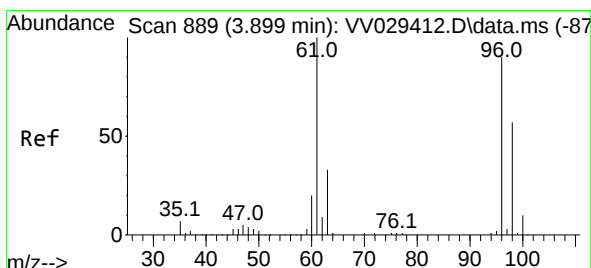
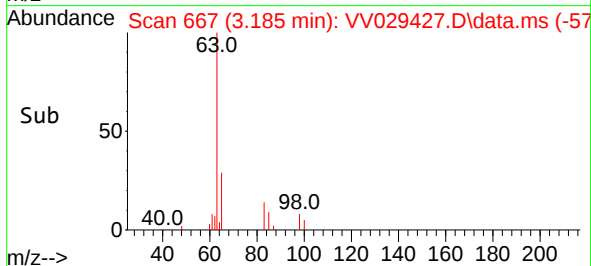
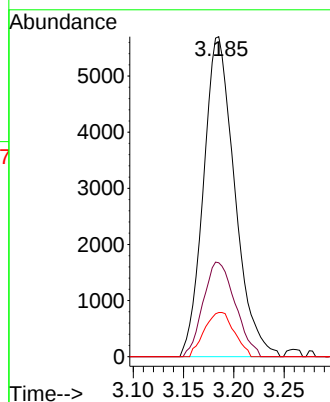
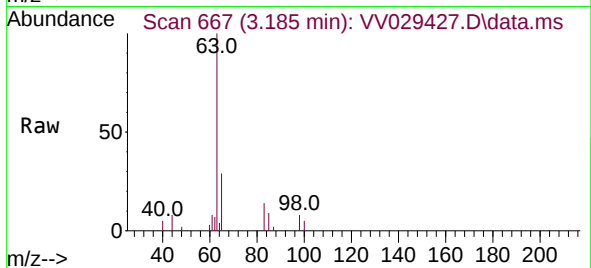




#19
1,1-Dichloroethane
Concen: 2.321 ug/L
RT: 3.185 min Scan# 665
Delta R.T. 0.007 min
Lab File: VV029427.D
Acq: 07 Dec 2022 19:08

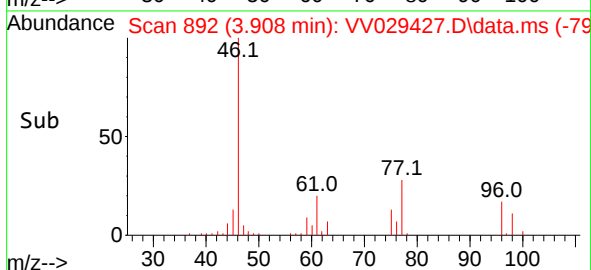
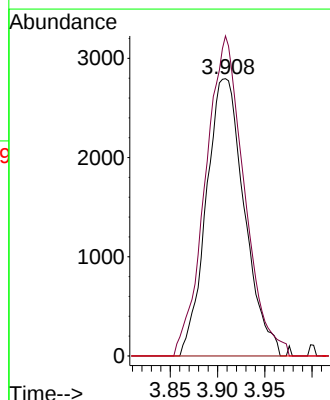
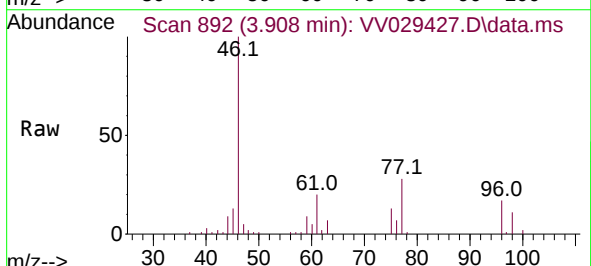
Instrument :
MSVOA_V
ClientSampleId :
MDL03

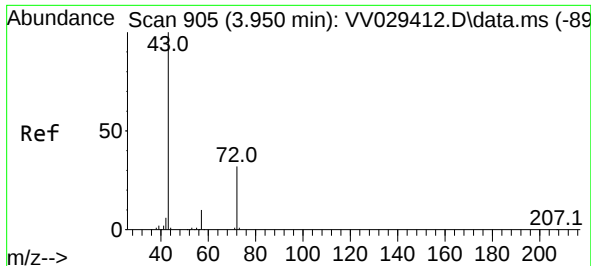
Tgt Ion: 63	Resp: 12301
Ion Ratio	Lower Upper
63 100	
65 29.4	22.5 41.7
83 13.8	10.4 19.2



#20
cis-1,2-Dichloroethene
Concen: 2.299 ug/L
RT: 3.908 min Scan# 892
Delta R.T. 0.010 min
Lab File: VV029427.D
Acq: 07 Dec 2022 19:08

Tgt Ion: 96	Resp: 7821
Ion Ratio	Lower Upper
96 100	
61 115.4	78.0 144.9
68 0.0	0.0 0.0

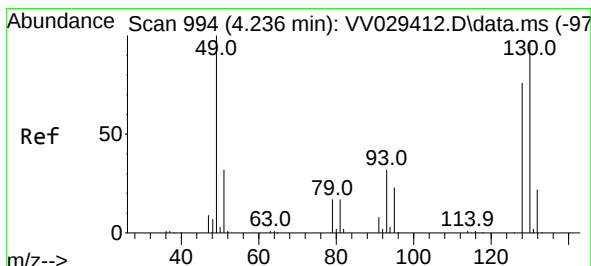
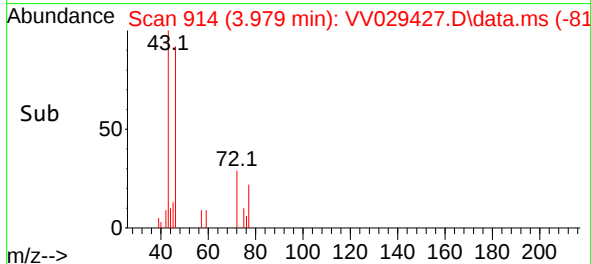
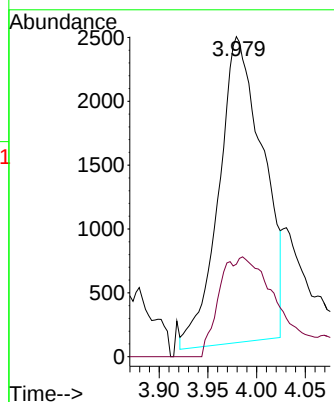
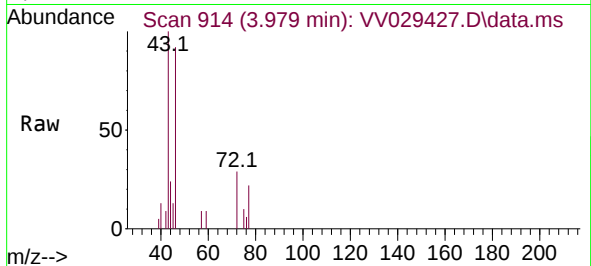




#22
2-Butanone
Concen: 3.871 ug/L
RT: 3.979 min Scan# 914
Delta R.T. 0.029 min
Lab File: VV029427.D
Acq: 07 Dec 2022 19:08

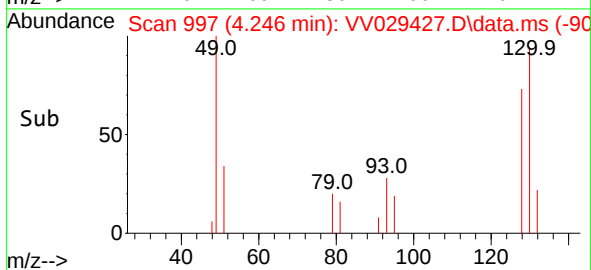
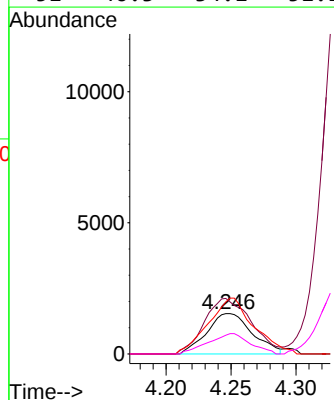
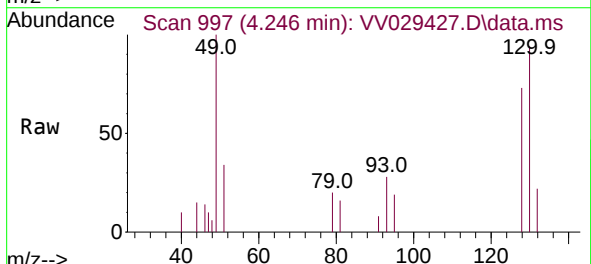
Instrument :
MSVOA_V
ClientSampleId :
MDL03

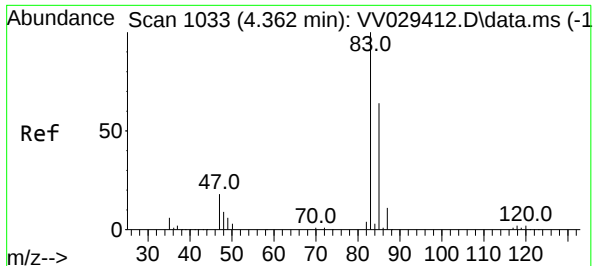
Tgt Ion: 43 Resp: 7530
Ion Ratio Lower Upper
43 100
72 12.0 15.9 47.6#



#23
Bromochloromethane
Concen: 2.134 ug/L
RT: 4.246 min Scan# 997
Delta R.T. 0.010 min
Lab File: VV029427.D
Acq: 07 Dec 2022 19:08

Tgt Ion:128 Resp: 3738
Ion Ratio Lower Upper
128 100
49 137.7 92.2 171.2
130 129.1 88.3 164.1
51 46.3 34.1 51.1





#25

Chloroform

Concen: 2.435 ug/L

RT: 4.368 min Scan# 1

Delta R.T. 0.007 min

Lab File: VV029427.D

Acq: 07 Dec 2022 19:08

Instrument :

MSVOA_V

ClientSampleId :

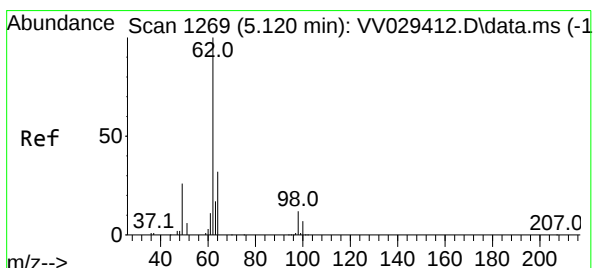
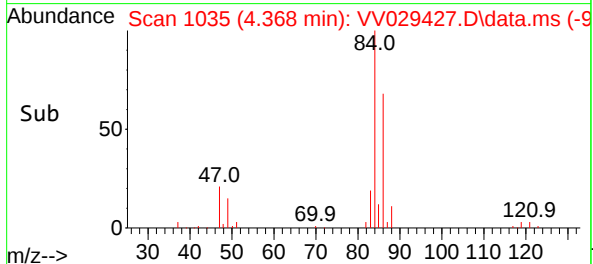
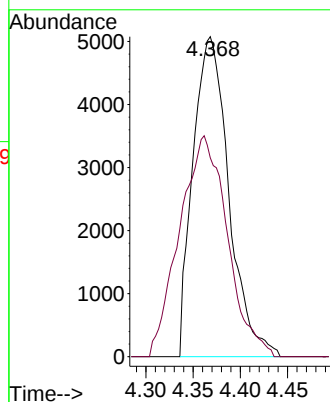
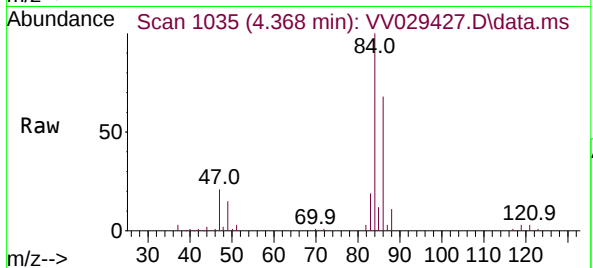
MDL03

Tgt Ion: 83 Resp: 13380

Ion Ratio Lower Upper

83 100

85 62.2 45.1 83.9



#27

1,2-Dichloroethane

Concen: 2.308 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. 0.013 min

Lab File: VV029427.D

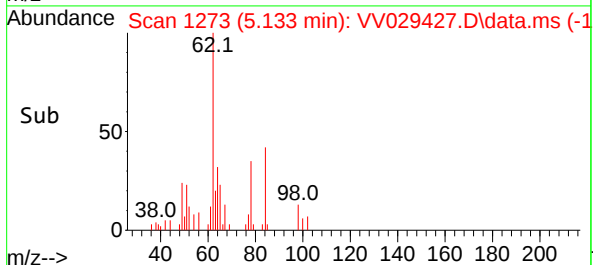
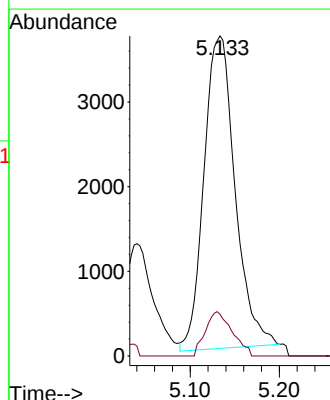
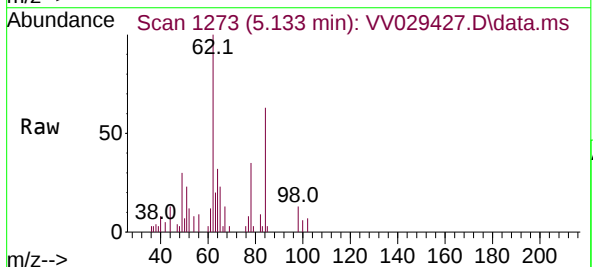
Acq: 07 Dec 2022 19:08

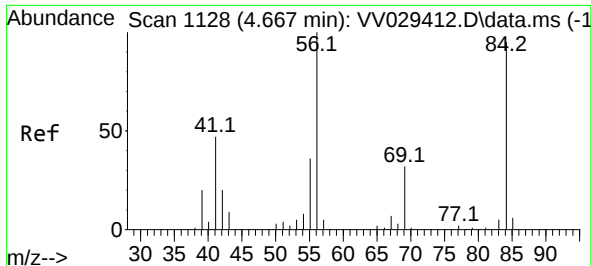
Tgt Ion: 62 Resp: 8959

Ion Ratio Lower Upper

62 100

98 13.0 9.4 14.0

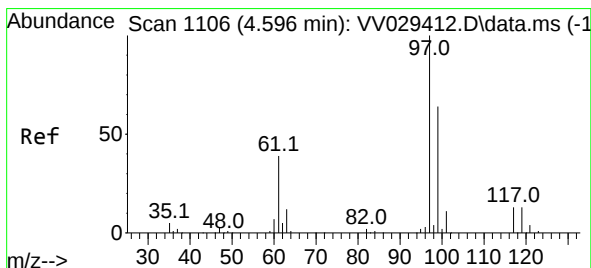
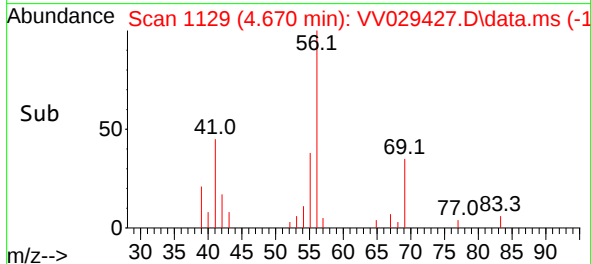
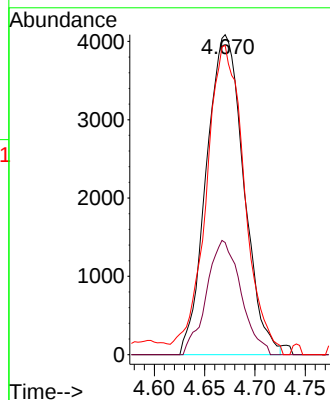
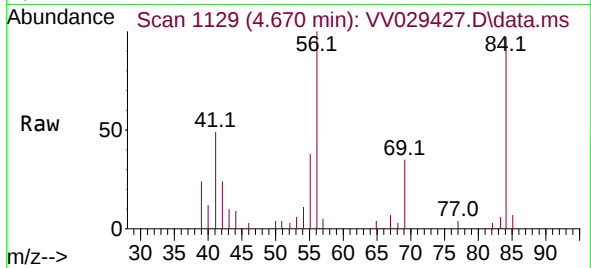




#29
Cyclohexane
Concen: 2.128 ug/L
RT: 4.670 min Scan# 1128
Delta R.T. 0.003 min
Lab File: VV029427.D
Acq: 07 Dec 2022 19:08

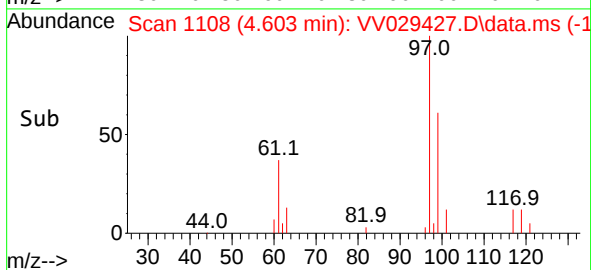
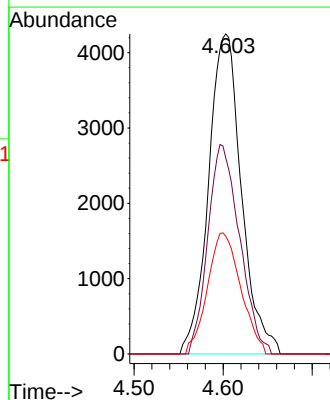
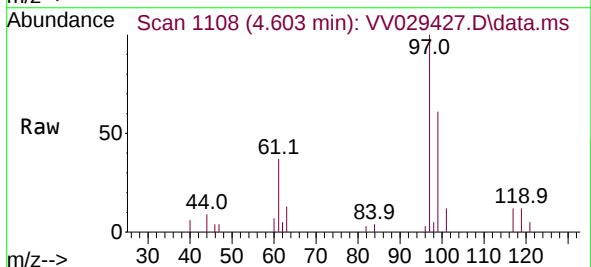
Instrument :
MSVOA_V
ClientSampleId :
MDL03

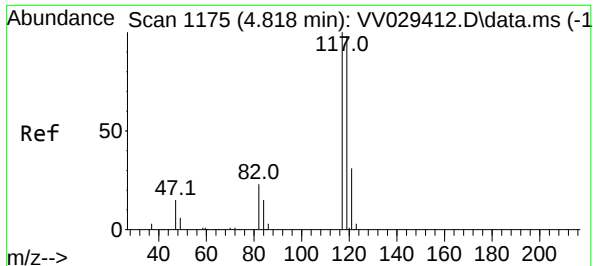
Tgt Ion: 56 Resp: 10559
Ion Ratio Lower Upper
56 100
69 32.9 25.8 38.8
84 98.8 76.6 114.8



#30
1,1,1-Trichloroethane
Concen: 2.185 ug/L
RT: 4.603 min Scan# 1108
Delta R.T. 0.007 min
Lab File: VV029427.D
Acq: 07 Dec 2022 19:08

Tgt Ion: 97 Resp: 10901
Ion Ratio Lower Upper
97 100
99 63.3 52.1 78.1
61 38.3 31.8 47.8

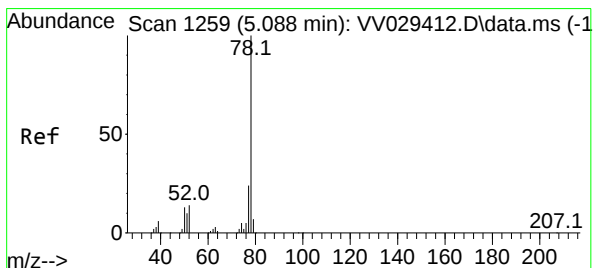
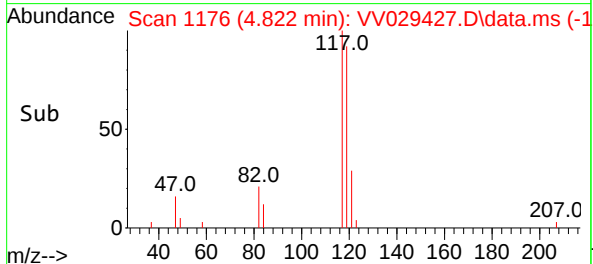
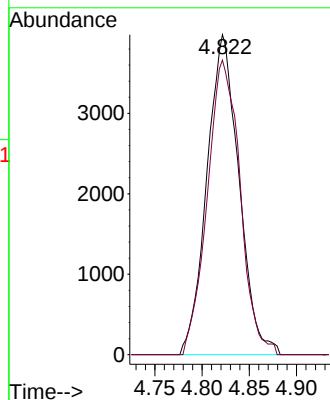
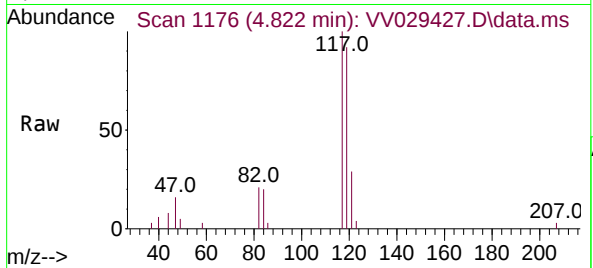




#31
Carbon tetrachloride
Concen: 2.155 ug/L
RT: 4.822 min Scan# 1176
Delta R.T. 0.003 min
Lab File: VV029427.D
Acq: 07 Dec 2022 19:08

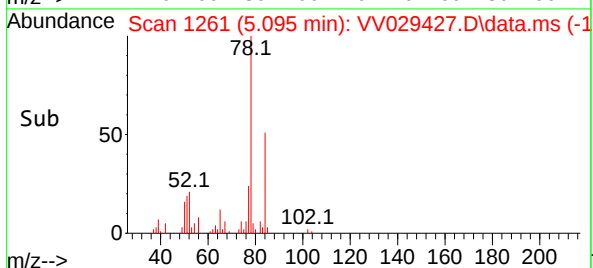
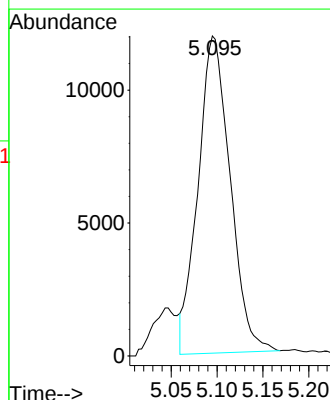
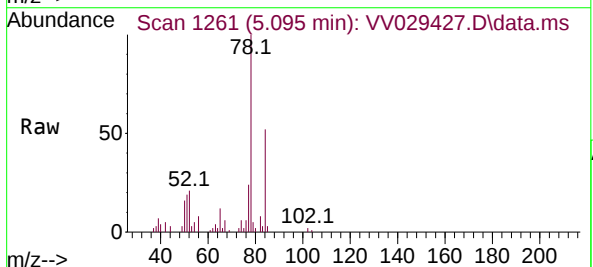
Instrument : MSVOA_V
ClientSampleId : MDL03

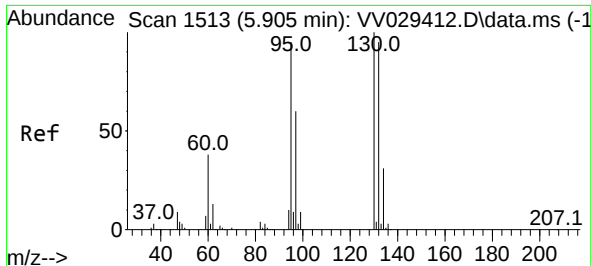
Tgt Ion:117 Resp: 9389
Ion Ratio Lower Upper
117 100
119 93.4 76.7 115.1



#33
Benzene
Concen: 2.253 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.007 min
Lab File: VV029427.D
Acq: 07 Dec 2022 19:08

Tgt Ion: 78 Resp: 29083





#34

Trichloroethene

Concen: 2.110 ug/L

RT: 5.912 min Scan# 1

Delta R.T. 0.007 min

Lab File: VV029427.D

Acq: 07 Dec 2022 19:08

Instrument :

MSVOA_V

ClientSampleId :

MDL03

Tgt Ion: 95 Resp: 6827

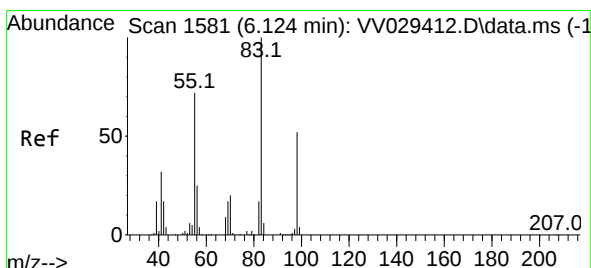
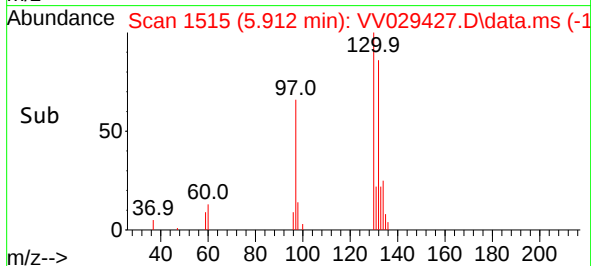
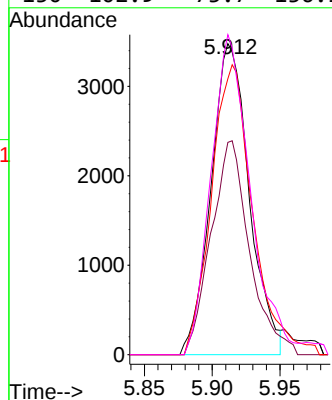
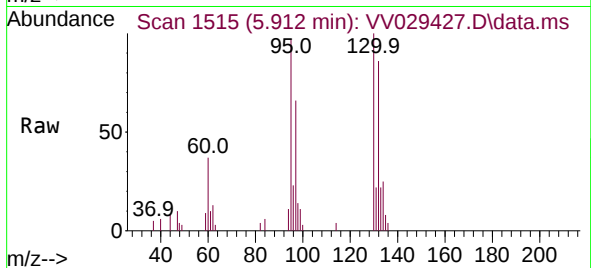
Ion Ratio Lower Upper

95 100

97 68.3 44.0 81.8

132 88.7 69.9 129.9

130 102.9 73.7 136.9



#35

Methylcyclohexane

Concen: 2.288 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. 0.003 min

Lab File: VV029427.D

Acq: 07 Dec 2022 19:08

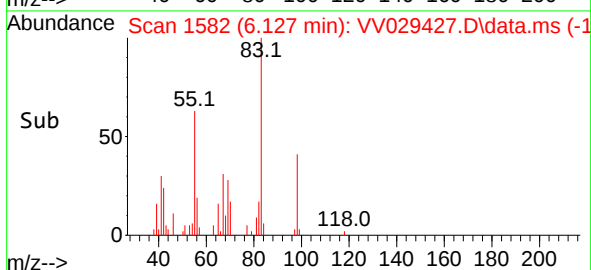
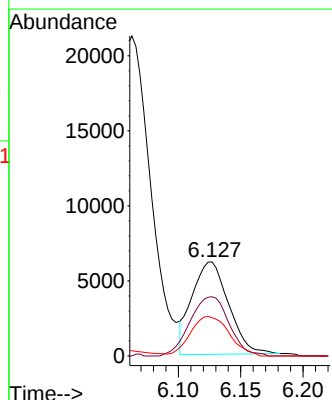
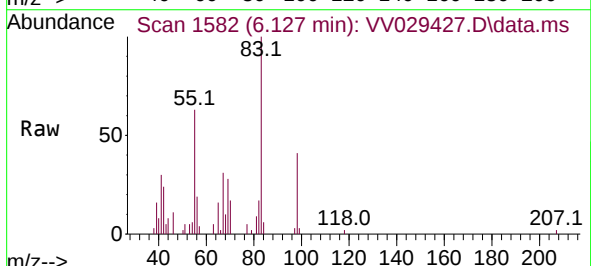
Tgt Ion: 83 Resp: 12570

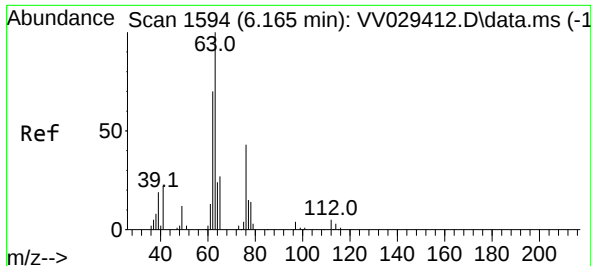
Ion Ratio Lower Upper

83 100

55 68.3 55.5 83.3

98 45.3 39.8 59.8





#37

1,2-Dichloropropane

Concen: 2.131 ug/L

RT: 6.172 min Scan# 1

Delta R.T. 0.007 min

Lab File: VV029427.D

Acq: 07 Dec 2022 19:08

Instrument :

MSVOA_V

ClientSampleId :

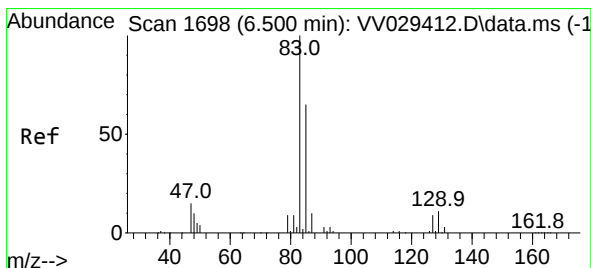
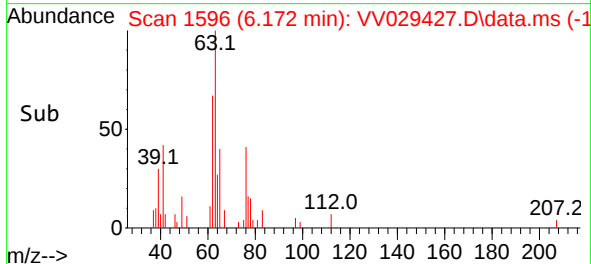
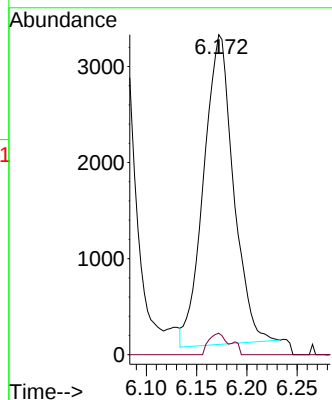
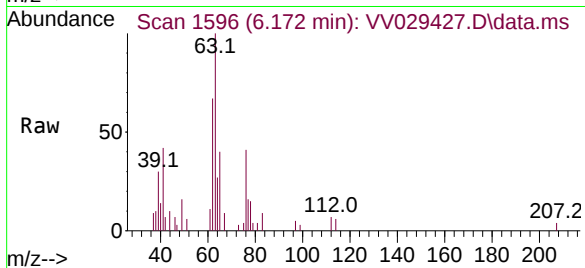
MDL03

Tgt Ion: 63 Resp: 6640

Ion Ratio Lower Upper

63 100

112 3.9 3.9 5.9#



#38

Bromodichloromethane

Concen: 2.116 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.007 min

Lab File: VV029427.D

Acq: 07 Dec 2022 19:08

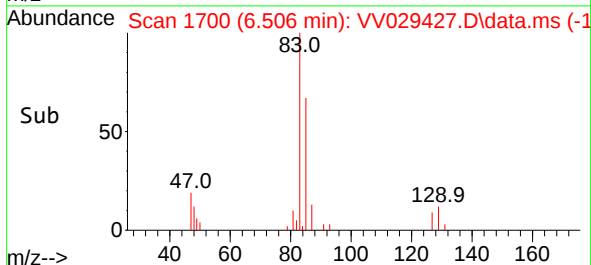
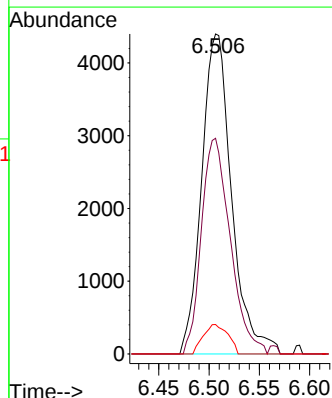
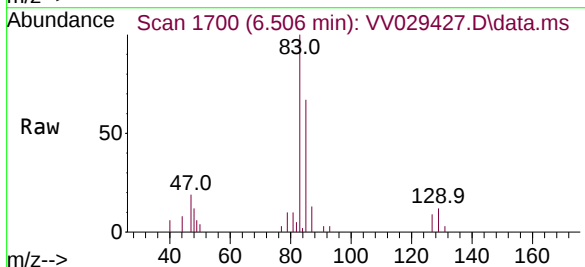
Tgt Ion: 83 Resp: 9103

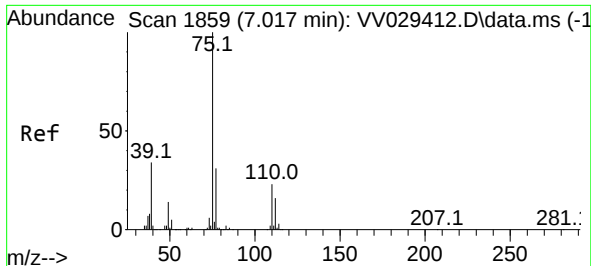
Ion Ratio Lower Upper

83 100

85 67.4 45.3 84.1

127 9.2 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 2.236 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.010 min

Lab File: VV029427.D

Acq: 07 Dec 2022 19:08

Instrument :

MSVOA_V

ClientSampleId :

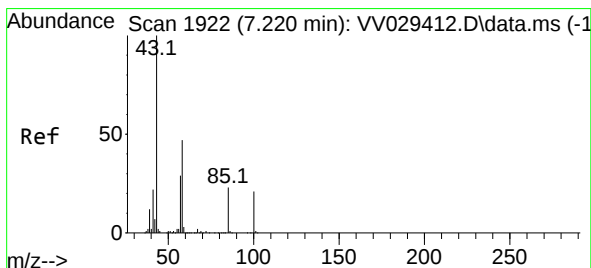
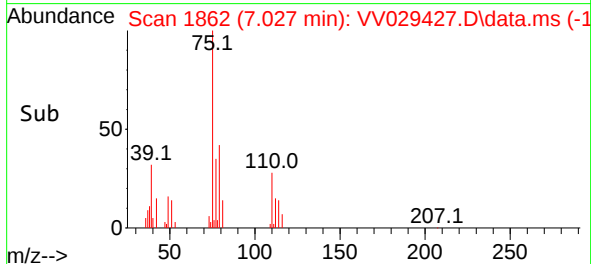
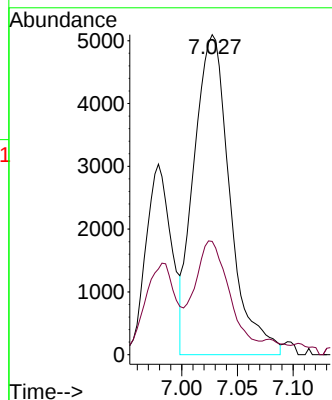
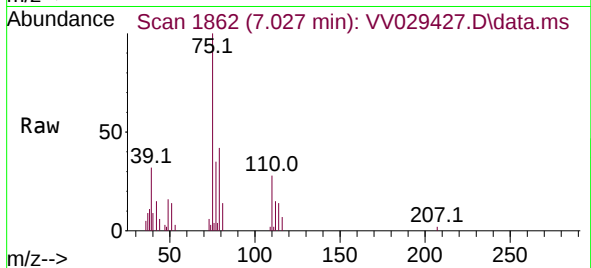
MDL03

Tgt Ion: 75 Resp: 11460

Ion Ratio Lower Upper

75 100

77 35.4 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 4.729 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.007 min

Lab File: VV029427.D

Acq: 07 Dec 2022 19:08

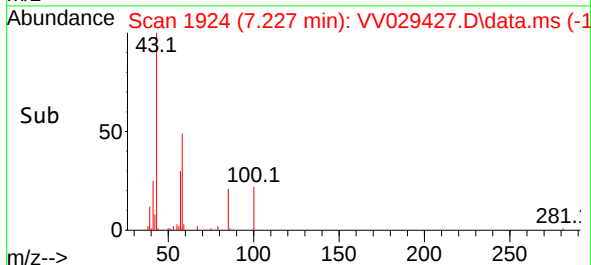
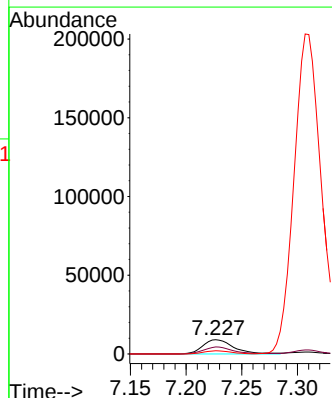
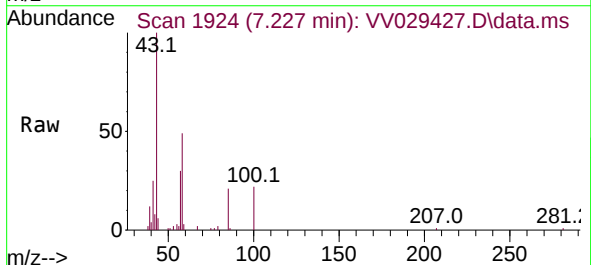
Tgt Ion: 43 Resp: 17568

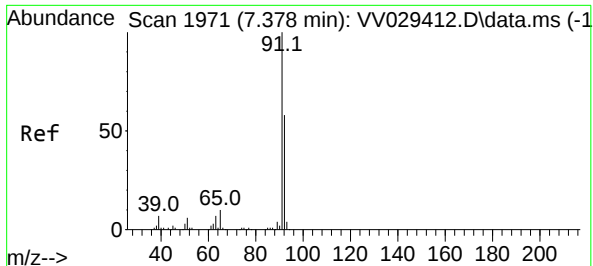
Ion Ratio Lower Upper

43 100

58 45.4 37.5 56.3

100 19.8 16.7 25.1

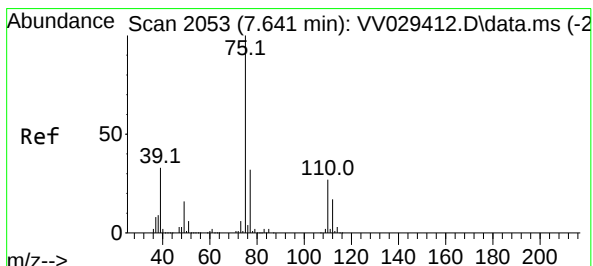
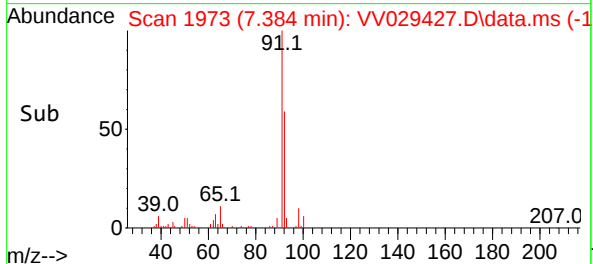
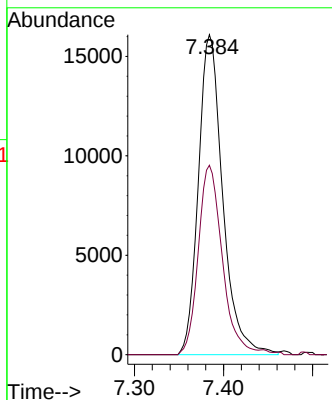
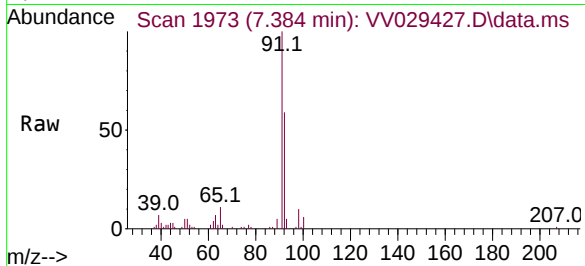




#42
Toluene
Concen: 2.201 ug/L
RT: 7.384 min Scan# 1971
Delta R.T. 0.007 min
Lab File: VV029427.D
Acq: 07 Dec 2022 19:08

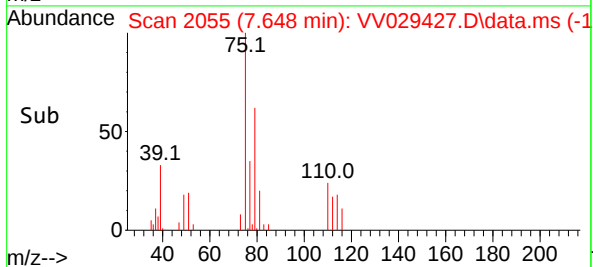
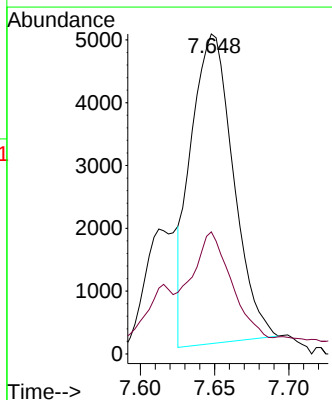
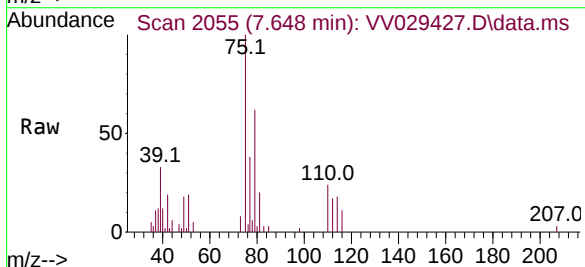
Instrument :
MSVOA_V
ClientSampleId :
MDL03

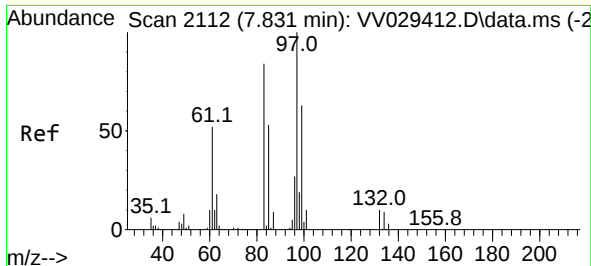
Tgt Ion: 91 Resp: 30584
Ion Ratio Lower Upper
91 100
92 59.2 40.6 75.4



#44
trans-1,3-Dichloropropene
Concen: 2.014 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. 0.007 min
Lab File: VV029427.D
Acq: 07 Dec 2022 19:08

Tgt Ion: 75 Resp: 9773
Ion Ratio Lower Upper
75 100
77 38.2 22.3 41.5





#45

1,1,2-Trichloroethane

Concen: 2.239 ug/L

RT: 7.834 min Scan# 2112

Delta R.T. 0.003 min

Lab File: VV029427.D

Acq: 07 Dec 2022 19:08

Instrument :

MSVOA_V

ClientSampleId :

MDL03

Tgt Ion: 97 Resp: 7206

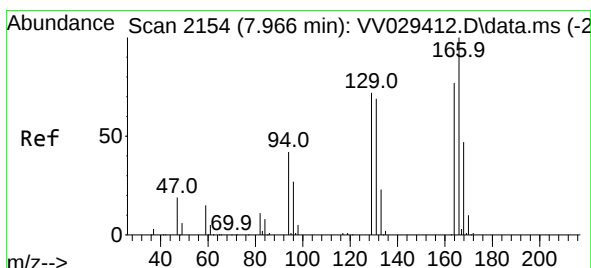
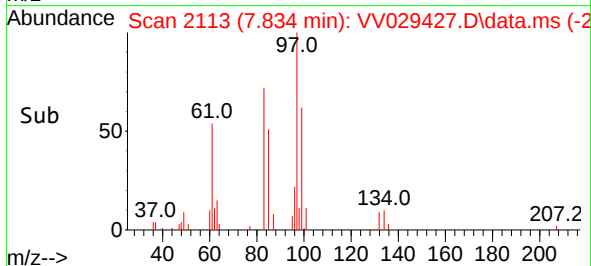
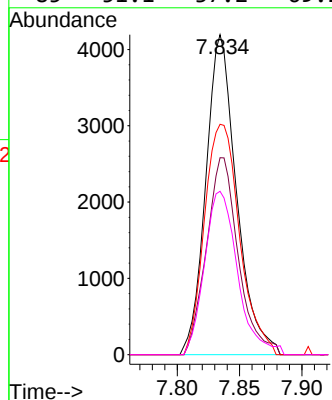
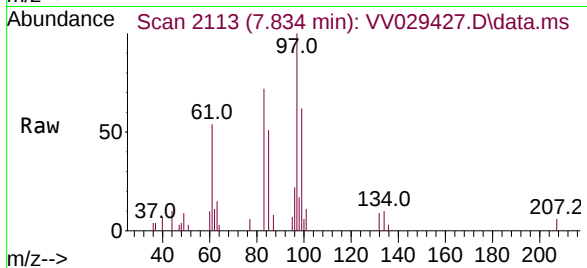
Ion Ratio Lower Upper

97 100

99 61.5 43.8 81.3

83 72.0 58.6 108.8

85 51.1 37.2 69.2



#46

Tetrachloroethene

Concen: 2.347 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. 0.003 min

Lab File: VV029427.D

Acq: 07 Dec 2022 19:08

Tgt Ion: 164 Resp: 6104

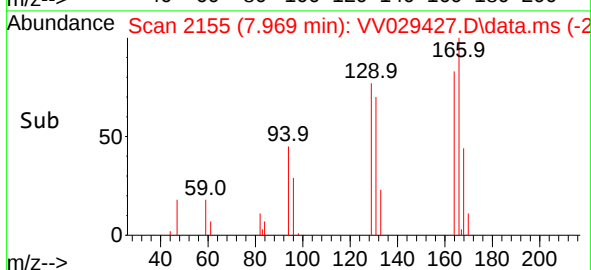
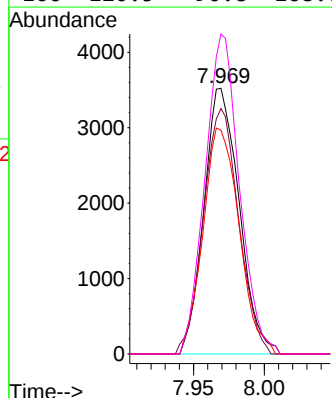
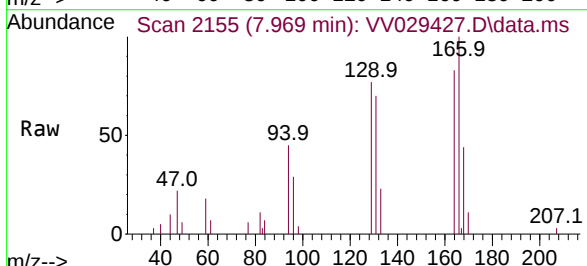
Ion Ratio Lower Upper

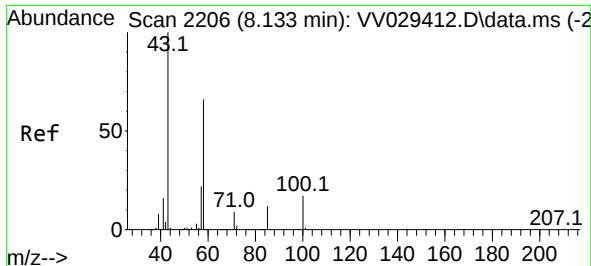
164 100

129 92.4 65.3 121.3

131 84.2 63.1 117.1

166 120.5 90.8 168.6

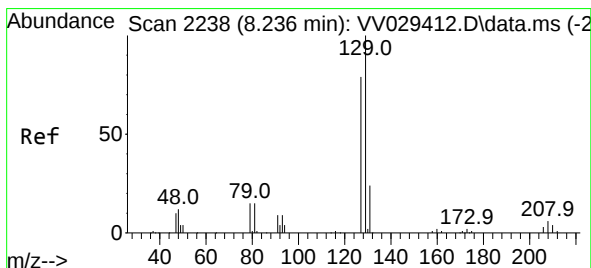
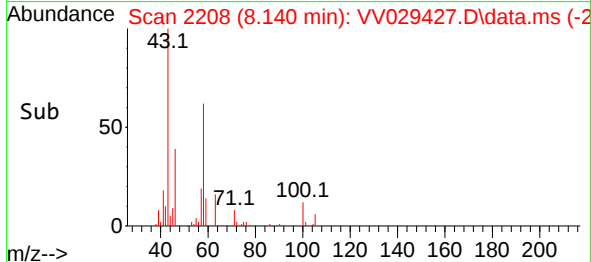
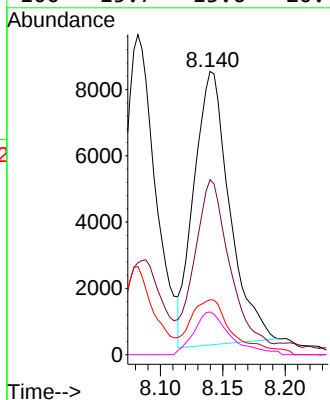
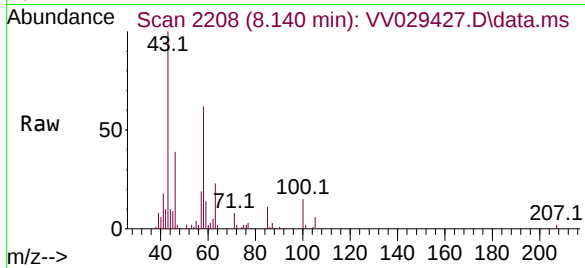




#48
2-Hexanone
Concen: 5.783 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.007 min
Lab File: VV029427.D
Acq: 07 Dec 2022 19:08

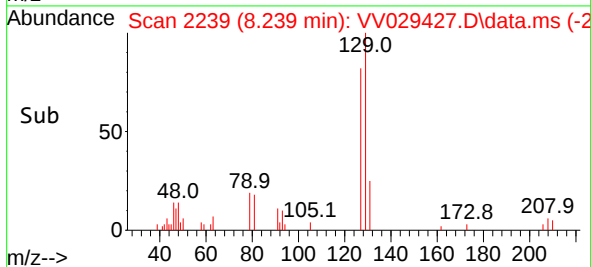
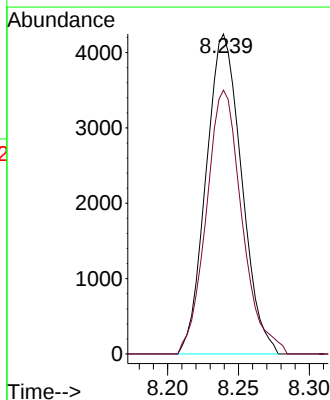
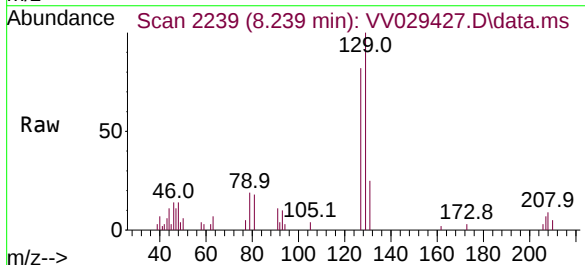
Instrument :
MSVOA_V
ClientSampleId :
MDL03

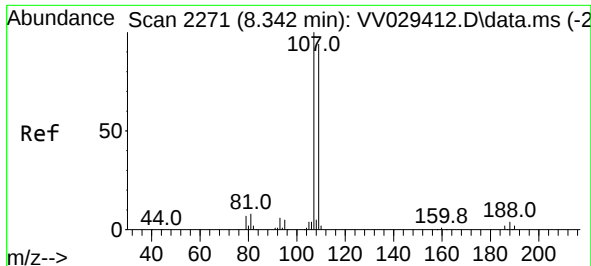
Tgt Ion:	43	Resp:	16413
Ion	Ratio	Lower	Upper
43	100		
58	58.6	54.1	81.1
57	23.9	17.4	26.0
100	15.7	13.6	20.4



#49
Dibromochloromethane
Concen: 2.084 ug/L
RT: 8.239 min Scan# 2239
Delta R.T. 0.003 min
Lab File: VV029427.D
Acq: 07 Dec 2022 19:08

Tgt Ion:	129	Resp:	7407
Ion	Ratio	Lower	Upper
129	100		
127	82.5	55.2	102.4

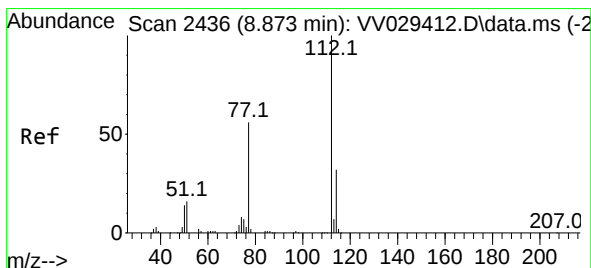
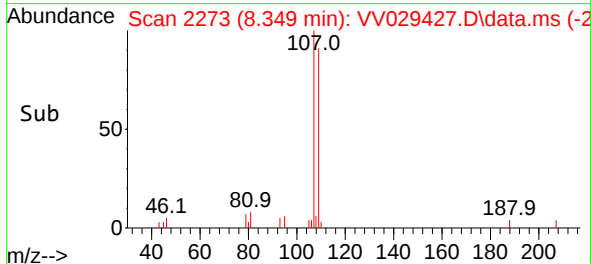
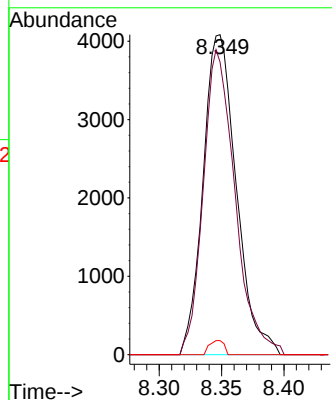
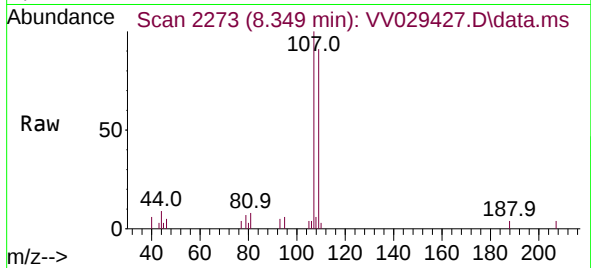




#50
1,2-Dibromoethane
Concen: 2.283 ug/L
RT: 8.349 min Scan# 21
Delta R.T. 0.007 min
Lab File: VV029427.D
Acq: 07 Dec 2022 19:08

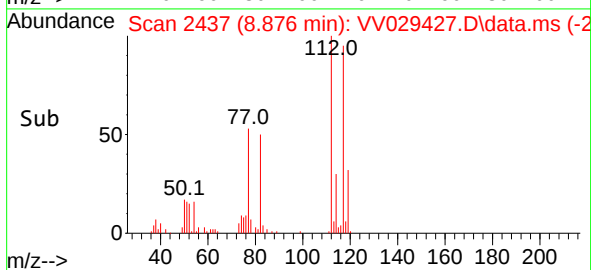
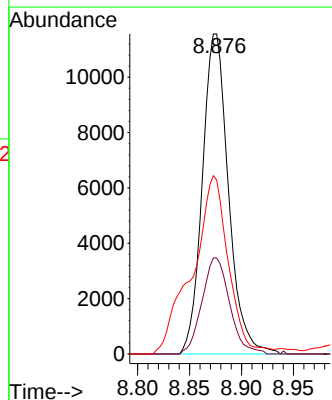
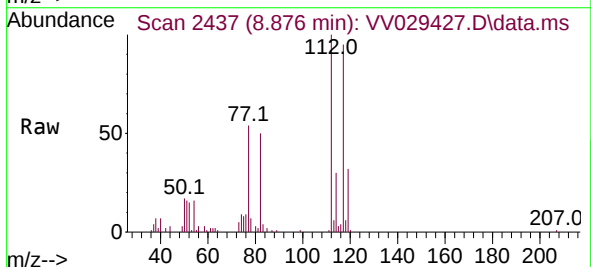
Instrument :
MSVOA_V
ClientSampleId :
MDL03

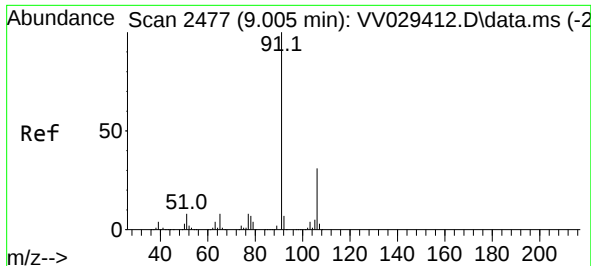
Tgt Ion:	107	Resp:	7572
Ion	Ratio	Lower	Upper
107	100		
109	91.5	66.0	122.6
188	4.4	3.2	4.8



#51
Chlorobenzene
Concen: 2.300 ug/L
RT: 8.876 min Scan# 2437
Delta R.T. 0.003 min
Lab File: VV029427.D
Acq: 07 Dec 2022 19:08

Tgt Ion:	112	Resp:	20234
Ion	Ratio	Lower	Upper
112	100		
114	30.0	22.3	41.3
77	54.3	45.0	67.4





#52

Ethylbenzene

Concen: 2.195 ug/L

RT: 9.008 min Scan# 2477

Delta R.T. 0.003 min

Lab File: VV029427.D

Acq: 07 Dec 2022 19:08

Instrument :

MSVOA_V

ClientSampleId :

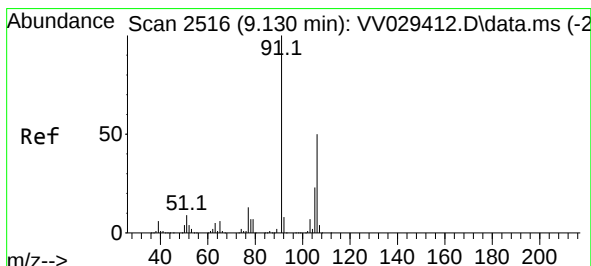
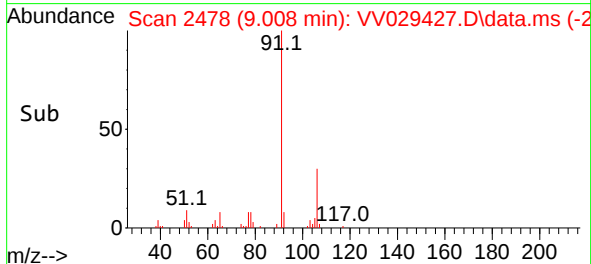
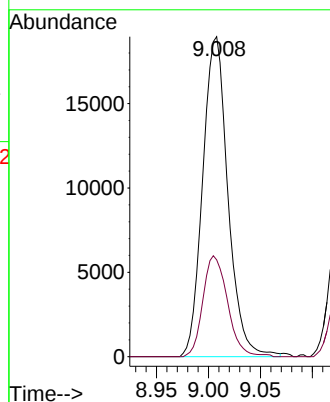
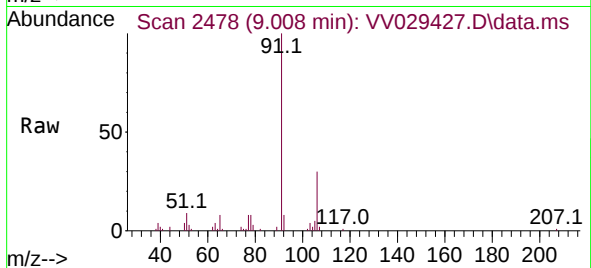
MDL03

Tgt Ion: 91 Resp: 32062

Ion Ratio Lower Upper

91 100

106 30.3 21.8 40.6



#53

m,p-Xylene

Concen: 2.070 ug/L

RT: 9.130 min Scan# 2516

Delta R.T. 0.000 min

Lab File: VV029427.D

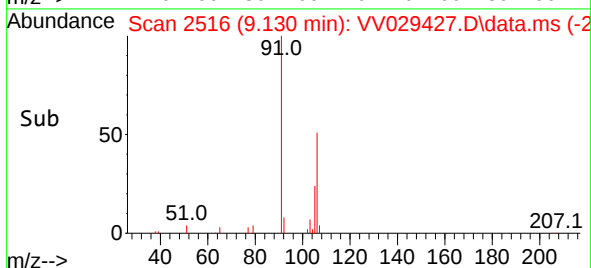
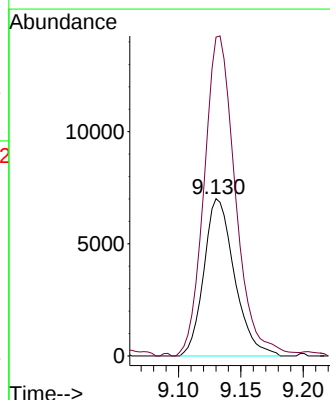
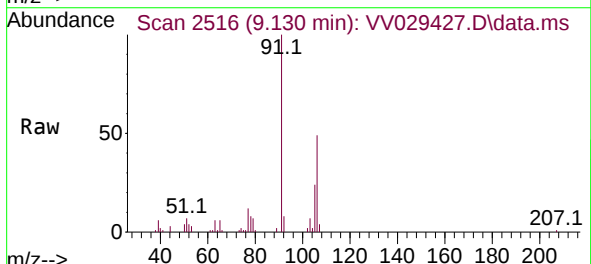
Acq: 07 Dec 2022 19:08

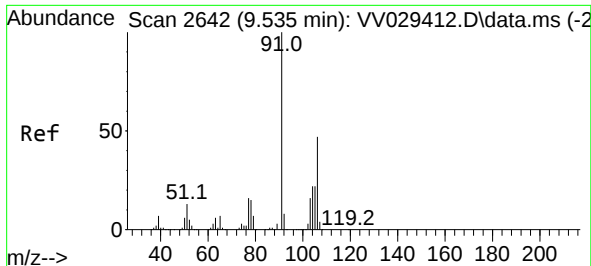
Tgt Ion: 106 Resp: 11968

Ion Ratio Lower Upper

106 100

91 202.8 139.5 259.1

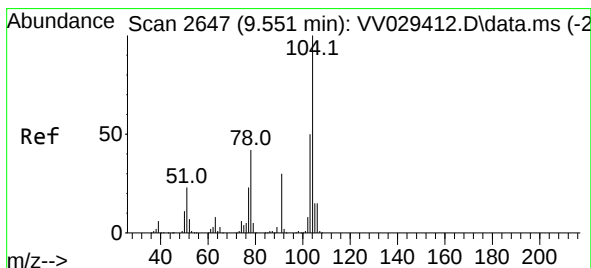
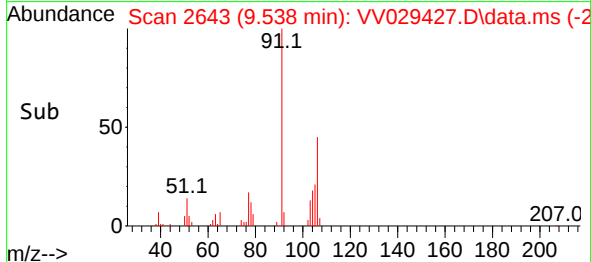
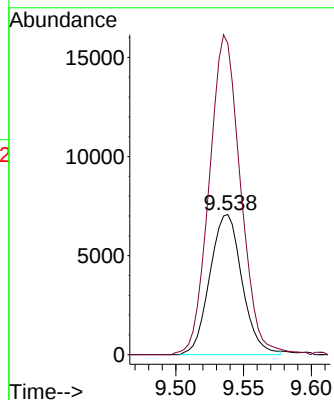
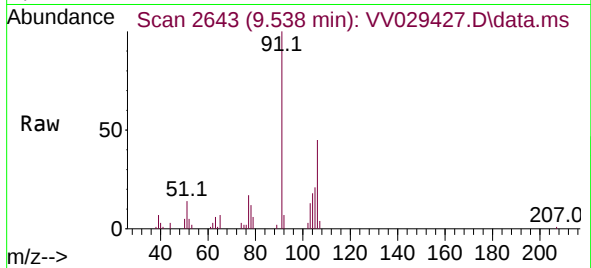




#54
o-Xylene
Concen: 2.048 ug/L
RT: 9.538 min Scan# 2642
Delta R.T. 0.003 min
Lab File: VV029427.D
Acq: 07 Dec 2022 19:08

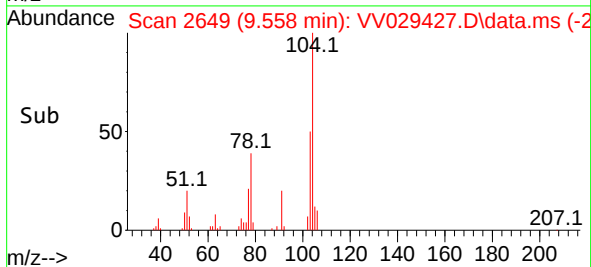
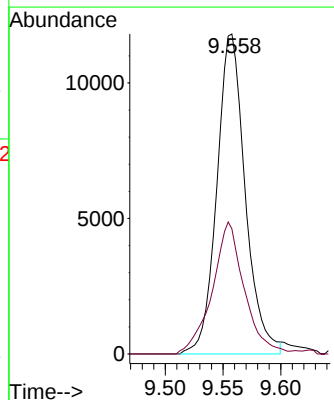
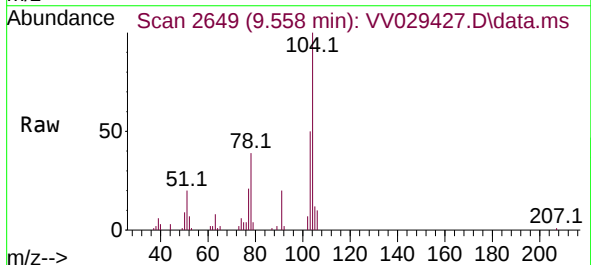
Instrument :
MSVOA_V
ClientSampleId :
MDL03

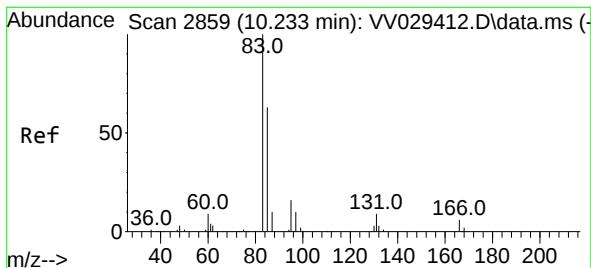
Tgt Ion:106 Resp: 11712
Ion Ratio Lower Upper
106 100
91 221.8 148.0 274.8



#55
Styrene
Concen: 2.030 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.007 min
Lab File: VV029427.D
Acq: 07 Dec 2022 19:08

Tgt Ion:104 Resp: 20177
Ion Ratio Lower Upper
104 100
78 39.1 29.4 54.6

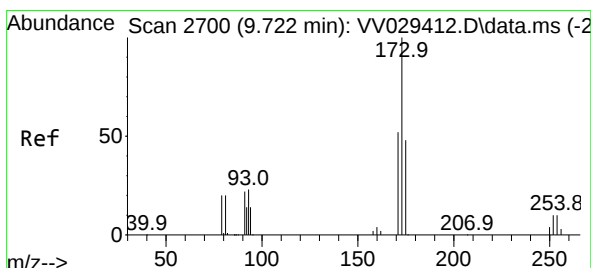
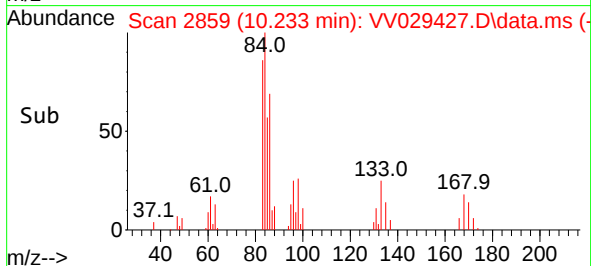
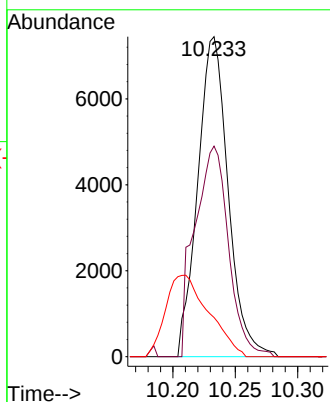
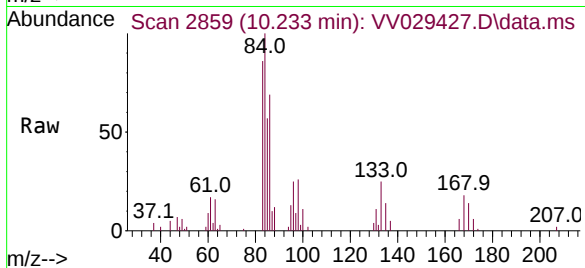




#57
 1,1,2,2-Tetrachloroethane
 Concen: 2.455 ug/L
 RT: 10.233 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV029427.D
 Acq: 07 Dec 2022 19:08

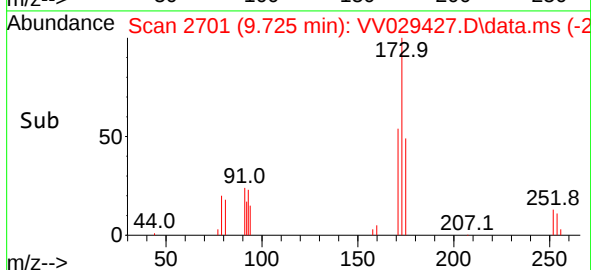
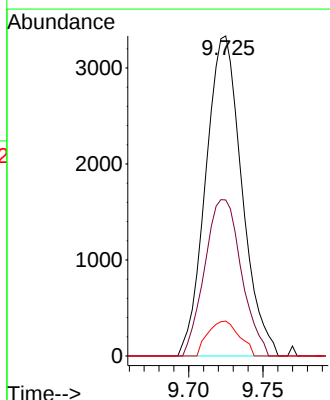
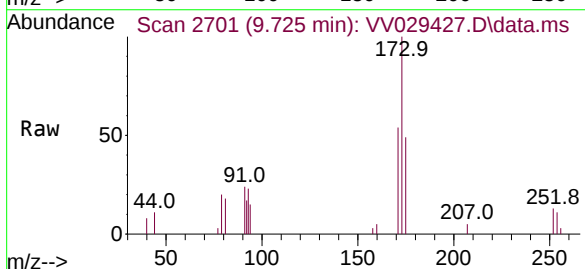
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL03

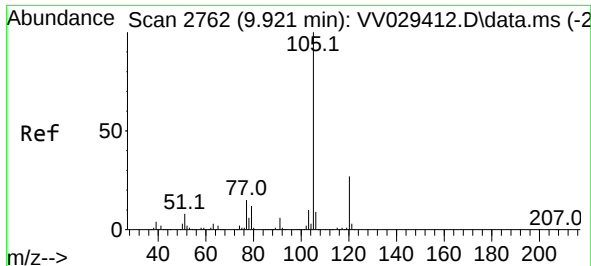
Tgt Ion: 83 Resp: 12641
 Ion Ratio Lower Upper
 83 100
 85 65.8 45.7 84.9
 131 12.2 7.9 11.9#



#59
 Bromoform
 Concen: 2.160 ug/L
 RT: 9.725 min Scan# 2701
 Delta R.T. 0.003 min
 Lab File: VV029427.D
 Acq: 07 Dec 2022 19:08

Tgt Ion: 173 Resp: 5631
 Ion Ratio Lower Upper
 173 100
 175 49.6 38.4 57.6
 254 9.5 7.8 11.8

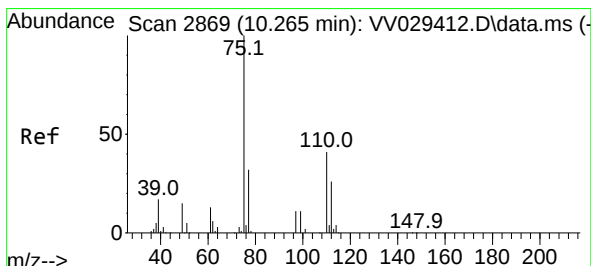
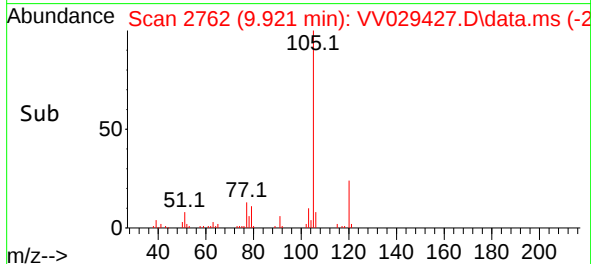
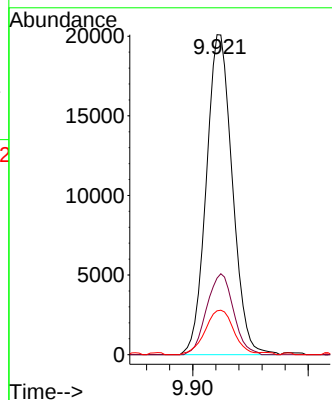
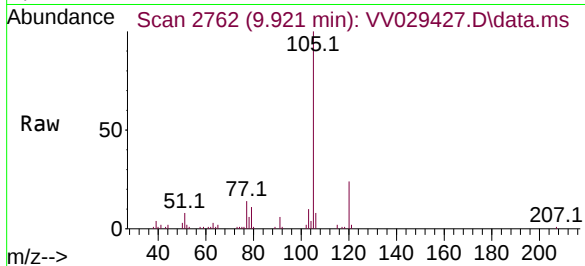




#60
Isopropylbenzene
Concen: 2.271 ug/L
RT: 9.921 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV029427.D
Acq: 07 Dec 2022 19:08

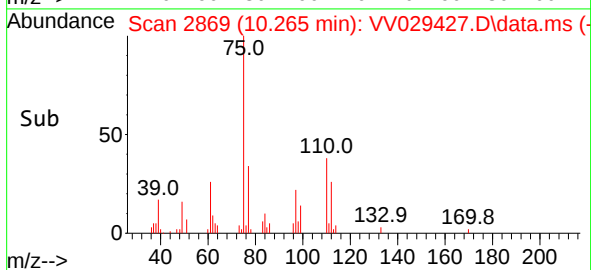
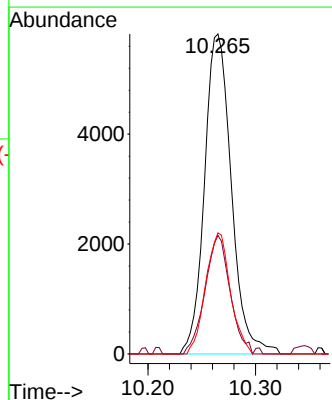
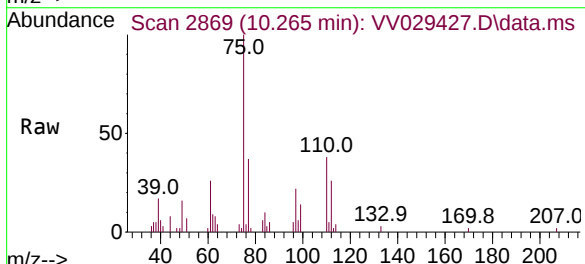
Instrument :
MSVOA_V
ClientSampleId :
MDL03

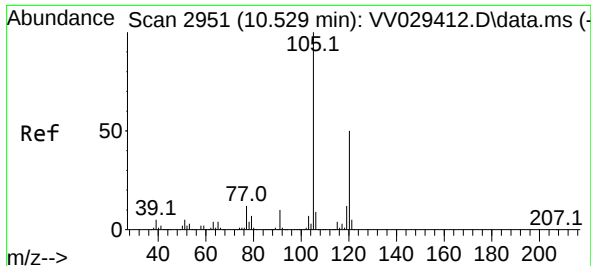
Tgt Ion:	105	Resp:	31463
Ion	Ratio	Lower	Upper
105	100		
120	26.0	21.1	31.7
77	15.3	11.6	17.4



#61
1,2,3-Trichloropropane
Concen: 2.780 ug/L
RT: 10.265 min Scan# 2869
Delta R.T. 0.000 min
Lab File: VV029427.D
Acq: 07 Dec 2022 19:08

Tgt Ion:	75	Resp:	10128
Ion	Ratio	Lower	Upper
75	100		
77	34.0	25.4	38.2
110	34.7	32.7	49.1

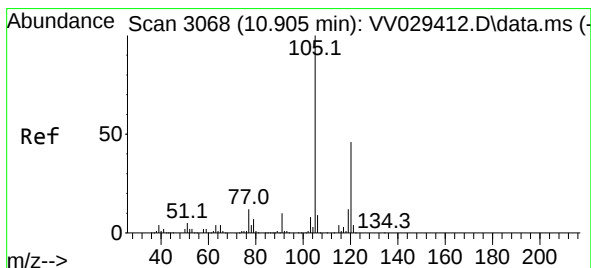
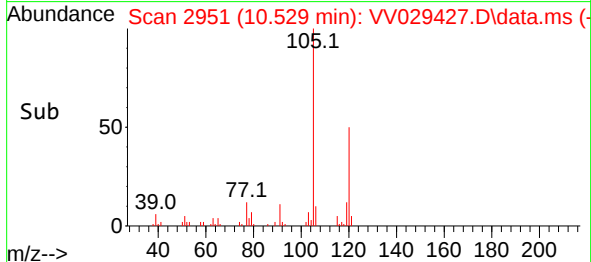
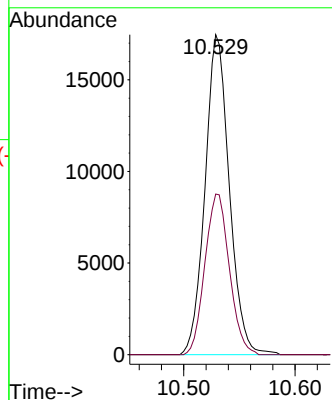
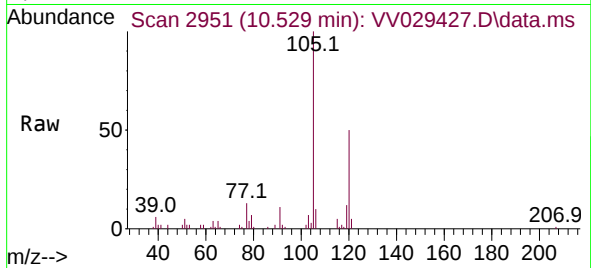




#62
 1,3,5-Trimethylbenzene
 Concen: 2.159 ug/L
 RT: 10.529 min Scan# 2951
 Delta R.T. 0.000 min
 Lab File: VV029427.D
 Acq: 07 Dec 2022 19:08

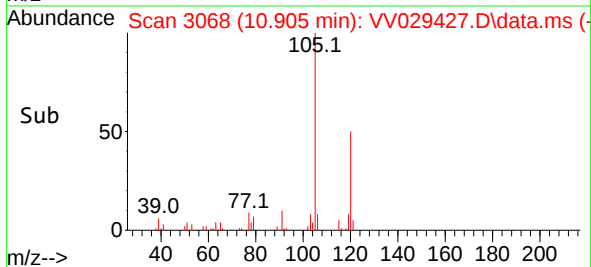
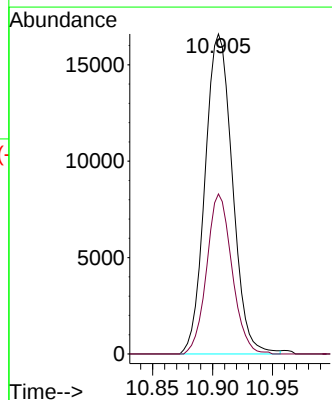
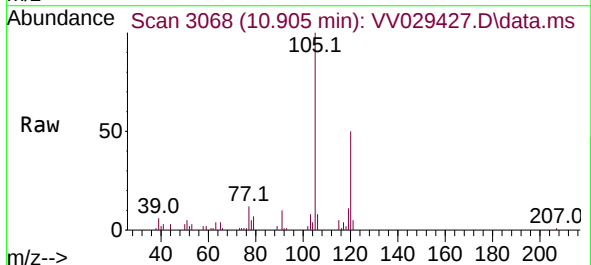
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL03

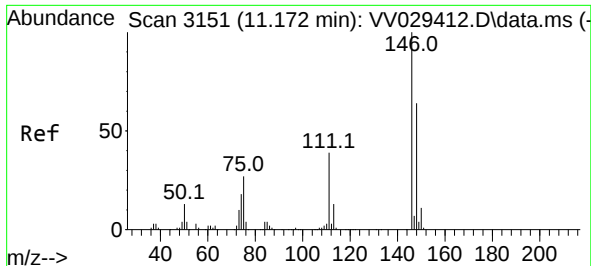
Tgt Ion:105 Resp: 26455
 Ion Ratio Lower Upper
 105 100
 120 50.6 40.0 60.0



#63
 1,2,4-Trimethylbenzene
 Concen: 2.168 ug/L
 RT: 10.905 min Scan# 3068
 Delta R.T. 0.000 min
 Lab File: VV029427.D
 Acq: 07 Dec 2022 19:08

Tgt Ion:105 Resp: 26329
 Ion Ratio Lower Upper
 105 100
 120 46.1 36.7 55.1

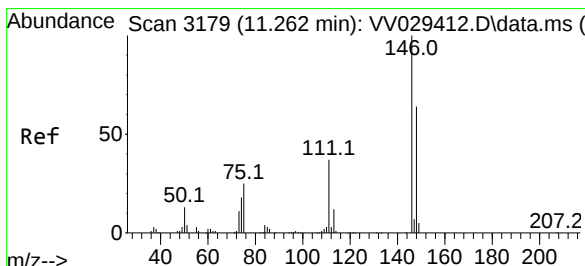
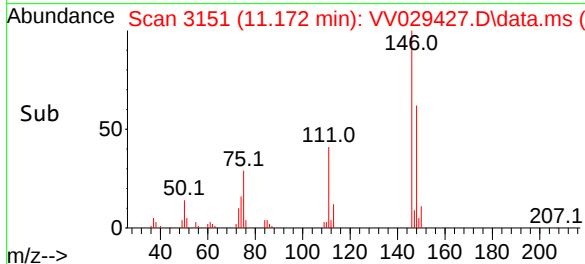
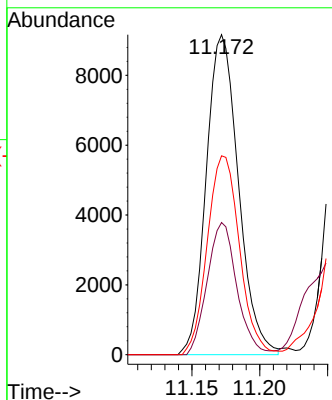
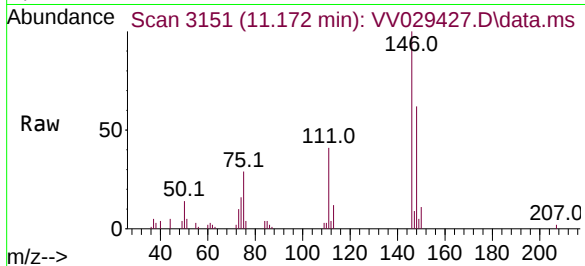




#64
1,3-Dichlorobenzene
Concen: 2.231 ug/L
RT: 11.172 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VV029427.D
Acq: 07 Dec 2022 19:08

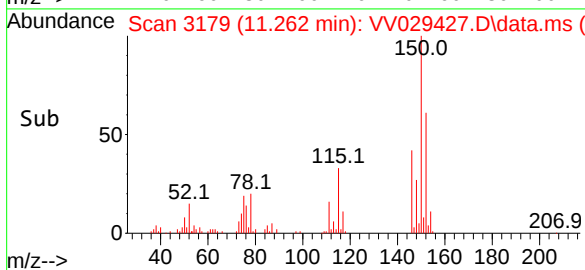
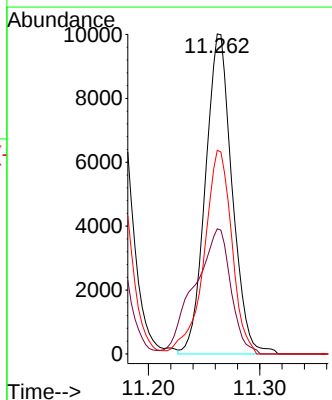
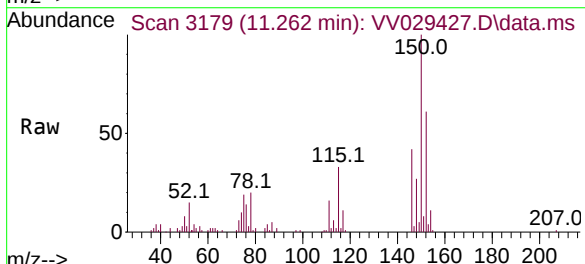
Instrument :
MSVOA_V
ClientSampleId :
MDL03

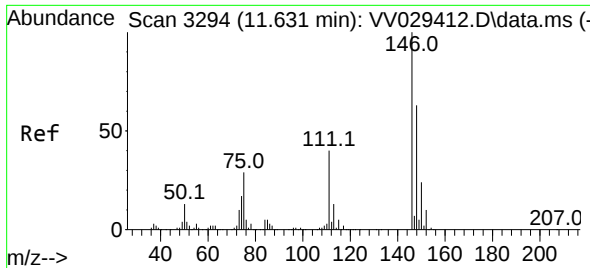
Tgt Ion:146	Resp:	15117
Ion Ratio	Lower	Upper
146	100	
111	41.3	27.4 51.0
148	62.1	44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 2.414 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. 0.000 min
Lab File: VV029427.D
Acq: 07 Dec 2022 19:08

Tgt Ion:146	Resp:	16620
Ion Ratio	Lower	Upper
146	100	
111	39.1	26.2 48.8
148	63.7	44.7 83.1

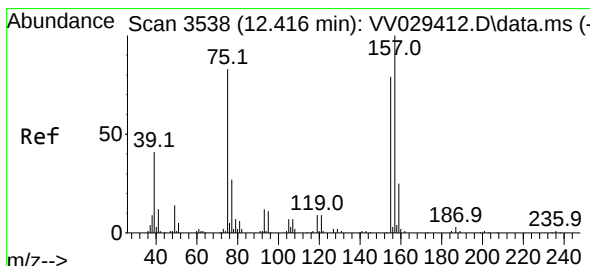
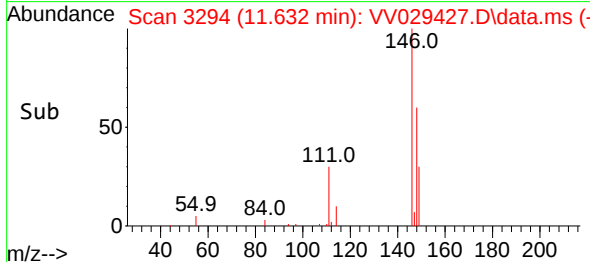
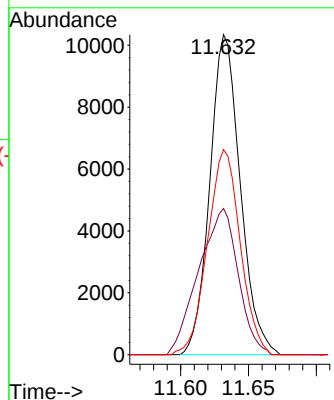
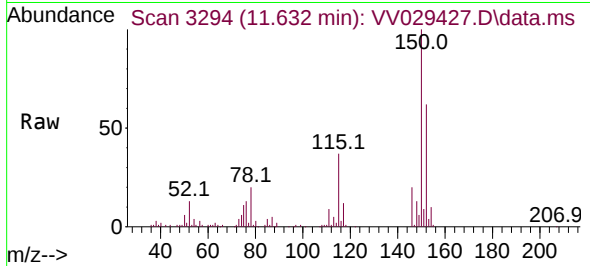




#67
1,2-Dichlorobenzene
Concen: 2.333 ug/L
RT: 11.632 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV029427.D
Acq: 07 Dec 2022 19:08

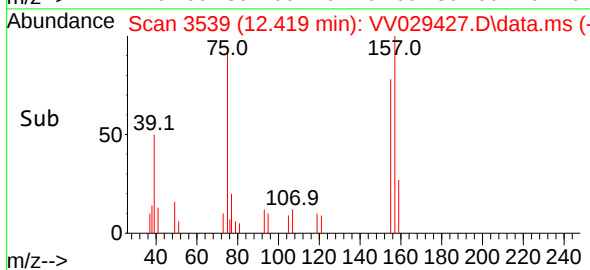
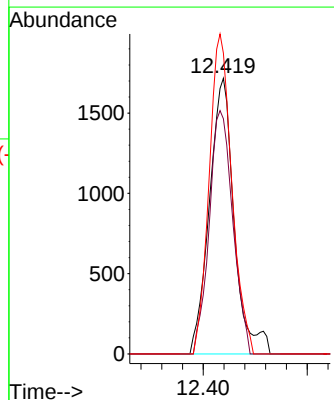
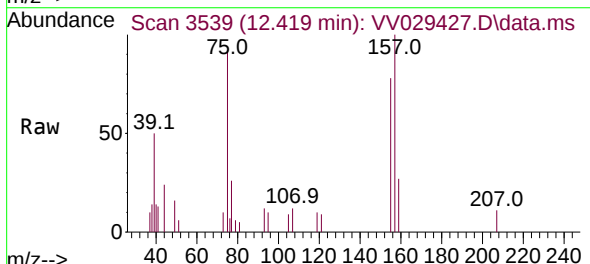
Instrument :
MSVOA_V
ClientSampleId :
MDL03

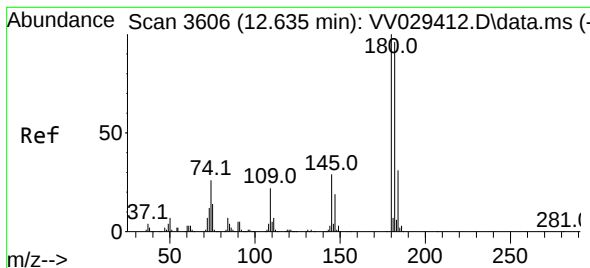
Tgt Ion:	146	Resp:	16161
Ion Ratio	Lower	Upper	
146	100		
111	45.7	32.0	48.0
148	64.1	50.6	76.0



#68
1,2-Dibromo-3-chloropropane
Concen: 2.509 ug/L
RT: 12.419 min Scan# 3539
Delta R.T. 0.003 min
Lab File: VV029427.D
Acq: 07 Dec 2022 19:08

Tgt Ion:	75	Resp:	2841
Ion Ratio	Lower	Upper	
75	100		
155	85.3	76.2	114.2
157	109.1	96.0	144.0





#69

1,3,5-Trichlorobenzene

Concen: 2.148 ug/L

RT: 12.635 min Scan# 3

Delta R.T. 0.000 min

Lab File: VV029427.D

Acq: 07 Dec 2022 19:08

Instrument :

MSVOA_V

ClientSampleId :

MDL03

Tgt Ion:180 Resp: 11582

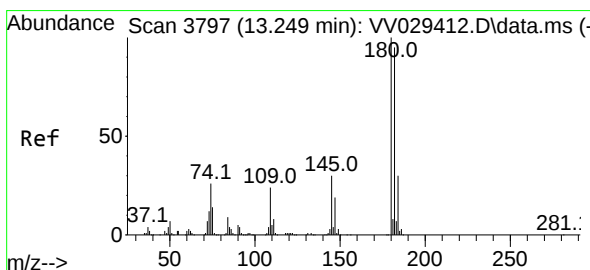
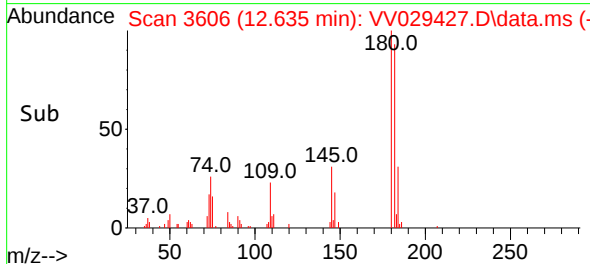
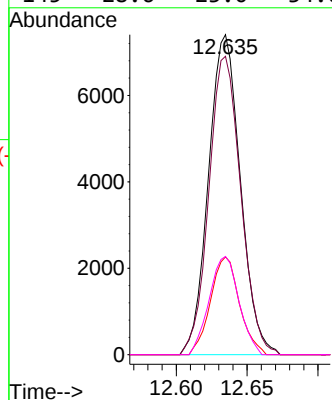
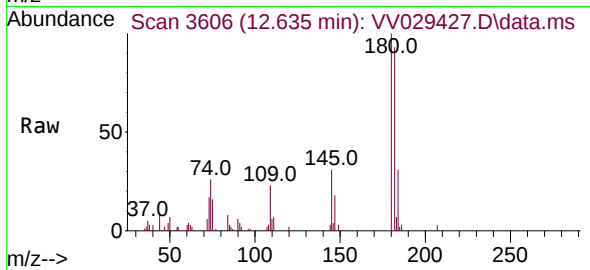
Ion Ratio Lower Upper

180 100

182 93.3 76.5 114.7

184 27.8 24.6 36.8

145 28.6 23.0 34.6



#70

1,2,4-trichlorobenzene

Concen: 2.086 ug/L

RT: 13.252 min Scan# 3798

Delta R.T. 0.003 min

Lab File: VV029427.D

Acq: 07 Dec 2022 19:08

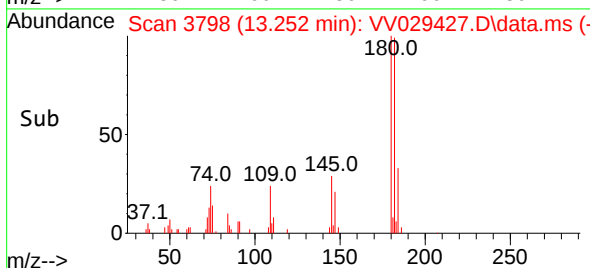
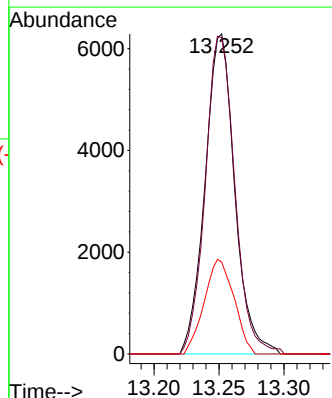
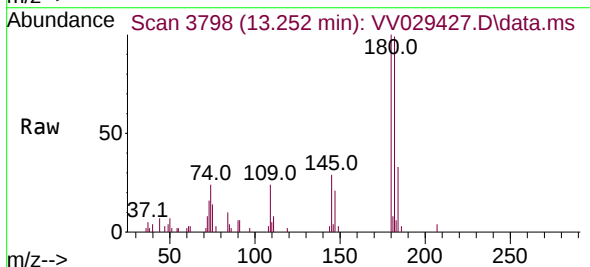
Tgt Ion:180 Resp: 10002

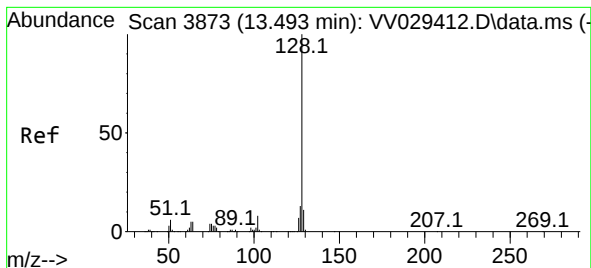
Ion Ratio Lower Upper

180 100

182 98.4 76.3 114.5

145 29.5 23.7 35.5





#71

Naphthalene

Concen: 2.062 ug/L

RT: 13.496 min Scan# 3873

Delta R.T. 0.003 min

Lab File: VV029427.D

Acq: 07 Dec 2022 19:08

Instrument :

MSVOA_V

ClientSampleId :

MDL03

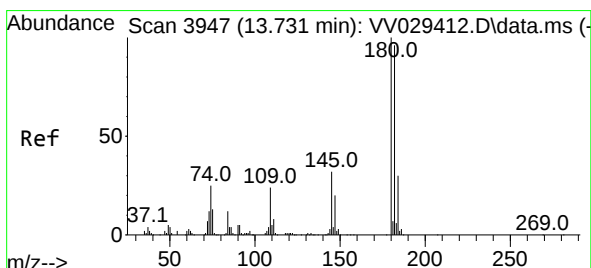
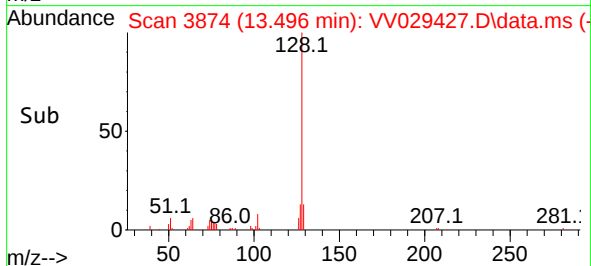
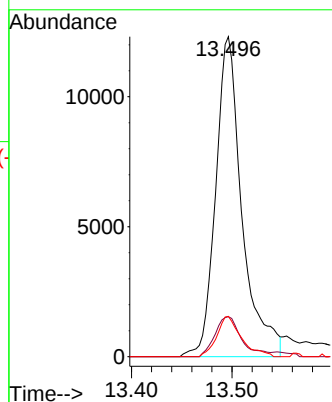
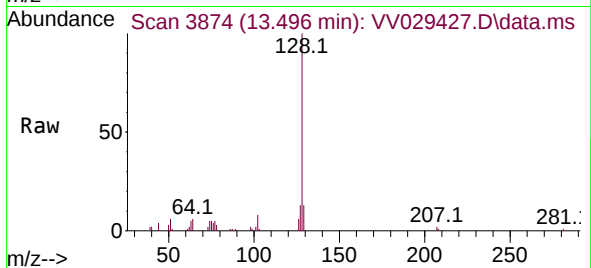
Tgt Ion:128 Resp: 22424

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.4

129 11.7 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 2.251 ug/L

RT: 13.731 min Scan# 3947

Delta R.T. 0.000 min

Lab File: VV029427.D

Acq: 07 Dec 2022 19:08

Tgt Ion:180 Resp: 10569

Ion Ratio Lower Upper

180 100

182 94.6 76.4 114.6

145 31.7 25.0 37.6

