

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120722\
 Data File : VW029424.D
 Acq On : 07 Dec 2022 17:56
 Operator : SY/MD
 Sample : MDL03
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL03

Quant Time: Dec 08 01:35:07 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	512381	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	458543	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	237276	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	137427	43.800	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.600%
7) Chloroethane-d5	1.561	69	107191	44.803	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.600%
11) 1,1-Dichloroethene-d2	2.105	63	167249	34.176	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.360%
21) 2-Butanone-d5	3.867	46	203253	106.191	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.190%
24) Chloroform-d	4.339	84	262325	44.429	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.860%
26) 1,2-Dichloroethane-d4	5.024	65	160381	47.560	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.120%
32) Benzene-d6	5.043	84	575847	47.527	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.060%
36) 1,2-Dichloropropane-d6	6.063	67	178942	48.350	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.700%
41) Toluene-d8	7.307	98	534027	46.778	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.560%
43) trans-1,3-Dichloroprop...	7.612	79	85946	45.989	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.980%
47) 2-Hexanone-d5	8.082	63	168180	106.416	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.420%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	252171	47.682	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.360%
66) 1,2-Dichlorobenzene-d4	11.612	152	214401	47.467	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.940%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	8718	2.160	ug/L	97
3) Chloromethane	1.240	50	10882	2.365	ug/L	92
5) Vinyl chloride	1.307	62	8784	2.282	ug/L #	63
6) Bromomethane	1.516	94	4078	2.632	ug/L	95
8) Chloroethane	1.581	64	4913	2.292	ug/L	97
9) Trichlorofluoromethane	1.751	101	9916	2.057	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	7799	2.912	ug/L #	76
12) 1,1-Dichloroethene	2.114	96	6962	2.542	ug/L #	1
13) Acetone	2.156	43	5784	4.639	ug/L	98
14) Carbon disulfide	2.291	76	19121	2.098	ug/L	98
15) Methyl Acetate	2.429	43	6277	2.210	ug/L	96
16) Methylene chloride	2.503	84	9911	2.910	ug/L	100
17) trans-1,2-Dichloroethene	2.757	96	6285	1.992	ug/L	92
18) Methyl tert-butyl Ether	2.764	73	20255	2.095	ug/L	99
19) 1,1-Dichloroethane	3.188	63	11319	2.094	ug/L	97
20) cis-1,2-Dichloroethene	3.905	96	7311	2.107	ug/L	99
22) 2-Butanone	3.982	43	3621	1.825	ug/L	81
23) Bromochloromethane	4.301	128	49	0.027	ug/L #	1
25) Chloroform	4.371	83	13010	2.321	ug/L	96

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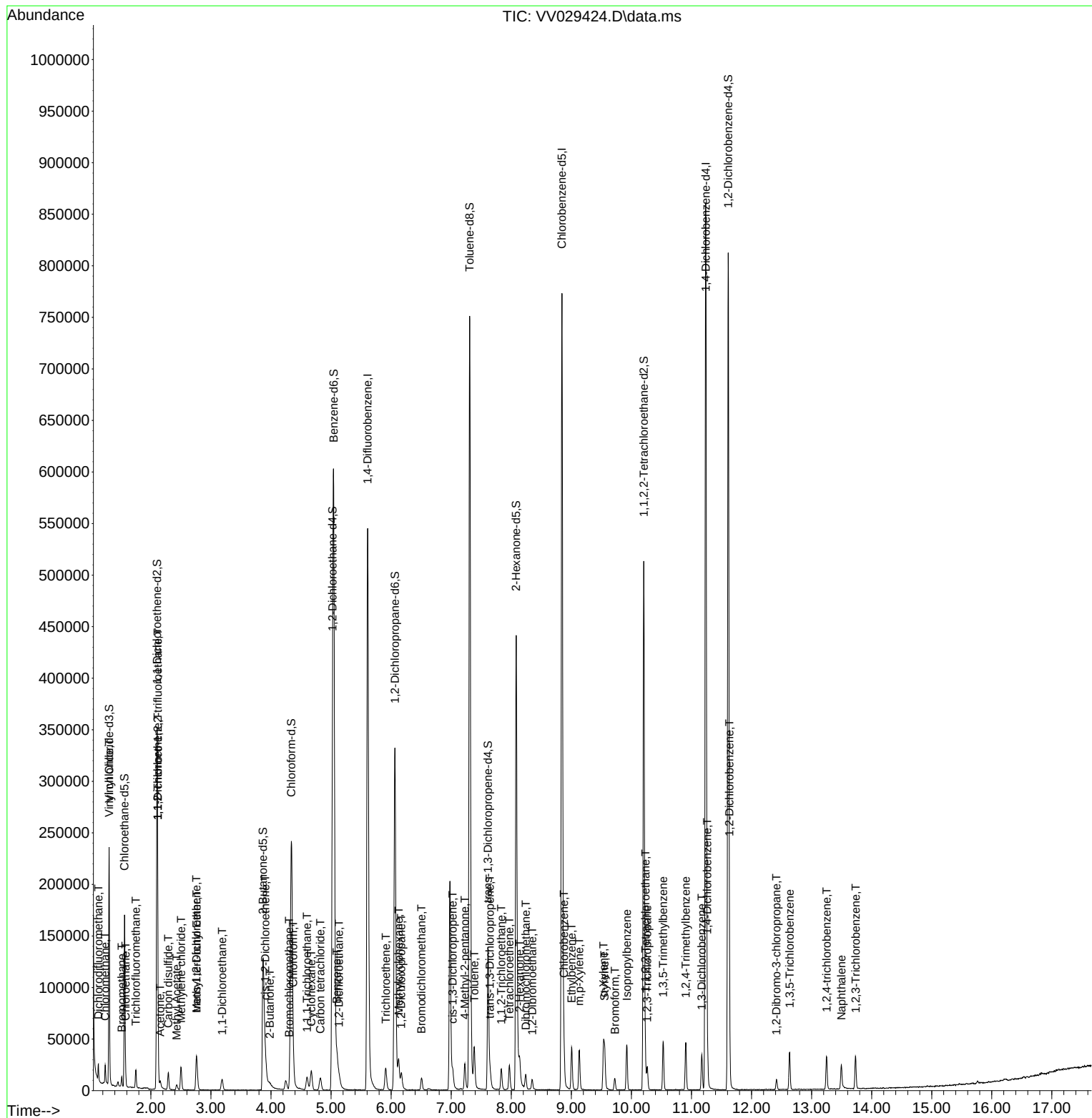
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	8138	2.055	ug/L	95
29) Cyclohexane	4.670	56	10521	2.118	ug/L	93
30) 1,1,1-Trichloroethane	4.600	97	10628	2.127	ug/L	98
31) Carbon tetrachloride	4.822	117	9628	2.207	ug/L	98
33) Benzene	5.095	78	27707	2.144	ug/L	100
34) Trichloroethene	5.912	95	6718	2.074	ug/L	93
35) Methylcyclohexane	6.127	83	12089	2.198	ug/L	97
37) 1,2-Dichloropropane	6.169	63	6872	2.203	ug/L	99
38) Bromodichloromethane	6.506	83	9194	2.135	ug/L #	87
39) cis-1,3-Dichloropropene	7.024	75	10401	2.027	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	16227	4.363	ug/L	98
42) Toluene	7.384	91	29750	2.138	ug/L	97
44) trans-1,3-Dichloropropene	7.645	75	9690	1.994	ug/L	92
45) 1,1,2-Trichloroethane	7.834	97	6914	2.145	ug/L	94
46) Tetrachloroethene	7.969	164	5462	2.098	ug/L	92
48) 2-Hexanone	8.140	43	13619	4.793	ug/L	92
49) Dibromochloromethane	8.243	129	7227	2.031	ug/L	94
50) 1,2-Dibromoethane	8.349	107	7353	2.215	ug/L #	98
51) Chlorobenzene	8.876	112	19426	2.205	ug/L	96
52) Ethylbenzene	9.005	91	30297	2.071	ug/L	98
53) m,p-Xylene	9.133	106	12098	2.090	ug/L	93
54) o-Xylene	9.535	106	11767	2.055	ug/L	91
55) Styrene	9.554	104	19440	1.954	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.233	83	11713	2.272	ug/L #	98
59) Bromoform	9.725	173	5452	2.080	ug/L	99
60) Isopropylbenzene	9.924	105	30344	2.178	ug/L	98
61) 1,2,3-Trichloropropane	10.265	75	8716	2.380	ug/L	93
62) 1,3,5-Trimethylbenzene	10.529	105	26291	2.134	ug/L	98
63) 1,2,4-Trimethylbenzene	10.905	105	25728	2.107	ug/L	99
64) 1,3-Dichlorobenzene	11.172	146	14939	2.193	ug/L	96
65) 1,4-Dichlorobenzene	11.262	146	14808	2.139	ug/L	94
67) 1,2-Dichlorobenzene	11.632	146	15815	2.271	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.416	75	2906	2.553	ug/L	89
69) 1,3,5-Trichlorobenzene	12.635	180	11442	2.111	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	10679	2.215	ug/L	96
71) Naphthalene	13.496	128	21962	2.009	ug/L	98
72) 1,2,3-Trichlorobenzene	13.734	180	10215	2.164	ug/L	99

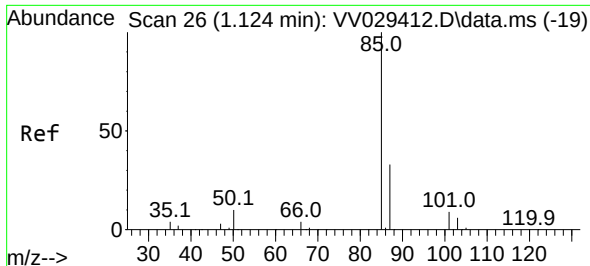
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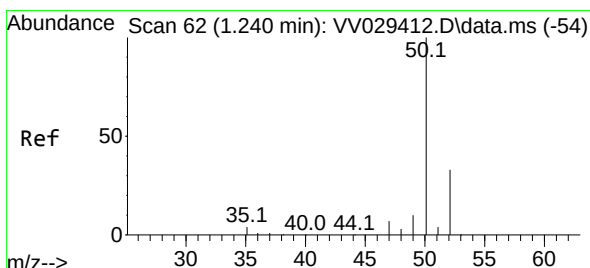
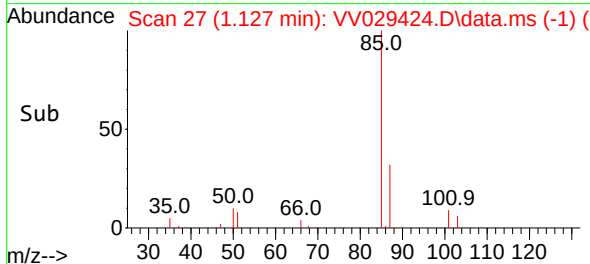
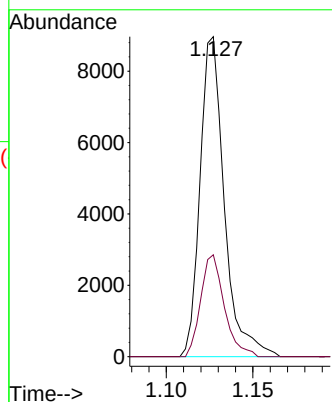
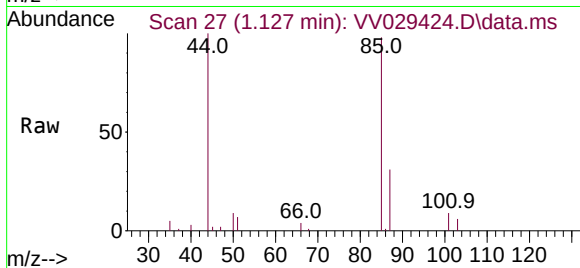




#2
 Dichlorodifluoromethane
 Concen: 2.160 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV029424.D
 Acq: 07 Dec 2022 17:56

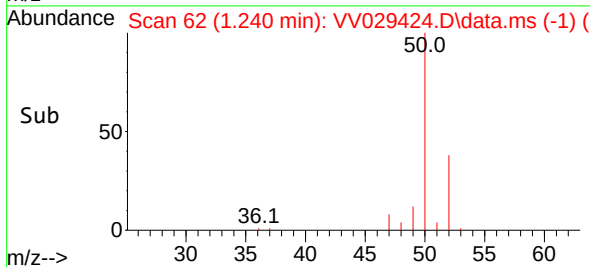
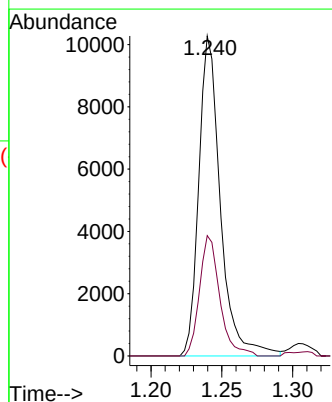
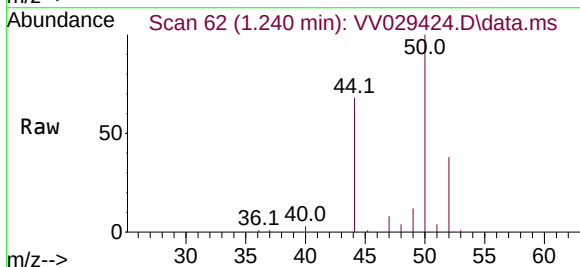
Instrument :
 MSVOA_V
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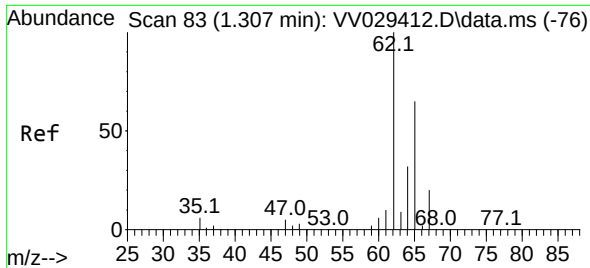
Tgt Ion: 85 Resp: 8718
 Ion Ratio Lower Upper
 85 100
 87 31.0 25.9 38.9



#3
 Chloromethane
 Concen: 2.365 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV029424.D
 Acq: 07 Dec 2022 17:56

Tgt Ion: 50 Resp: 10882
 Ion Ratio Lower Upper
 50 100
 52 37.6 23.3 43.3

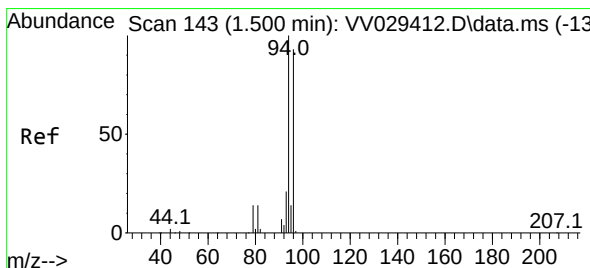
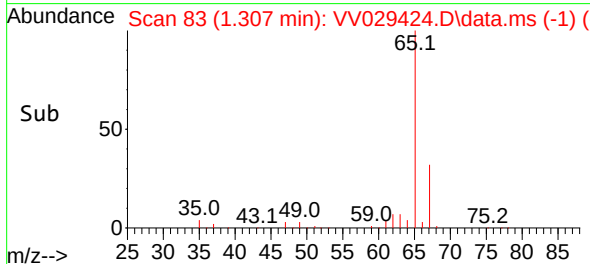
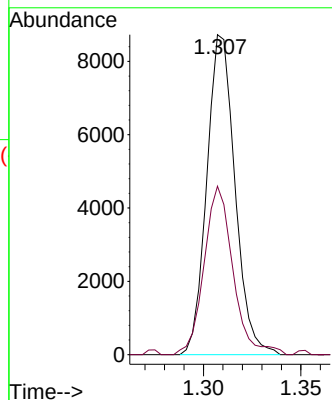
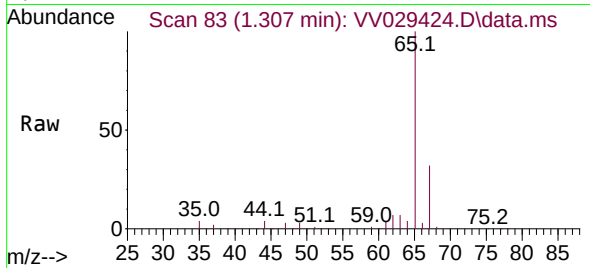




#5
 Vinyl chloride
 Concen: 2.282 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV029424.D
 Acq: 07 Dec 2022 17:56

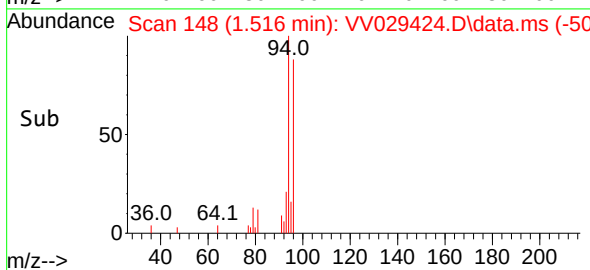
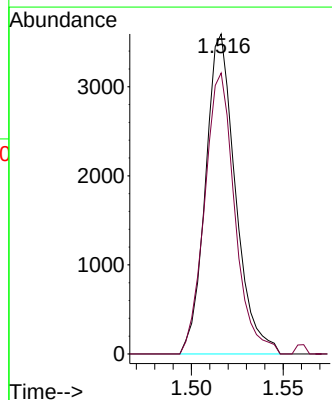
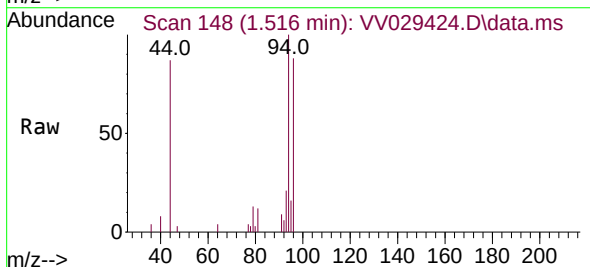
Instrument :
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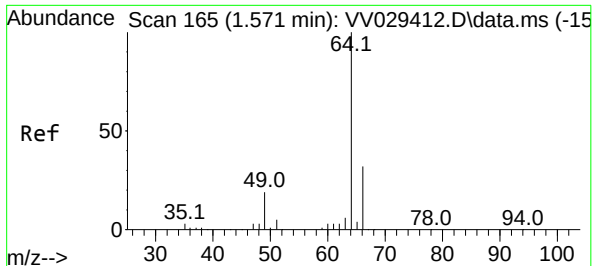
Tgt Ion: 62 Resp: 8784
 Ion Ratio Lower Upper
 62 100
 64 52.7 22.5 41.9#



#6
 Bromomethane
 Concen: 2.632 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.016 min
 Lab File: VV029424.D
 Acq: 07 Dec 2022 17:56

Tgt Ion: 94 Resp: 4078
 Ion Ratio Lower Upper
 94 100
 96 87.8 65.1 120.9

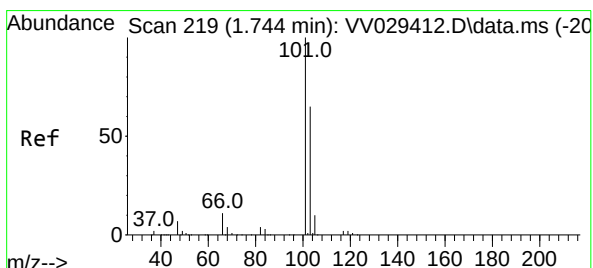
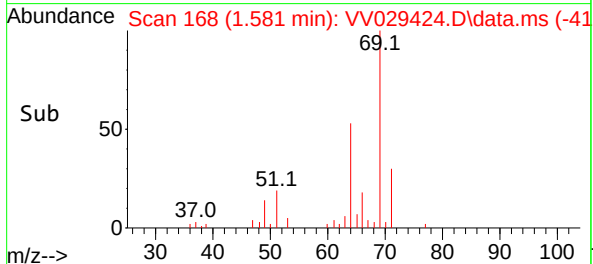
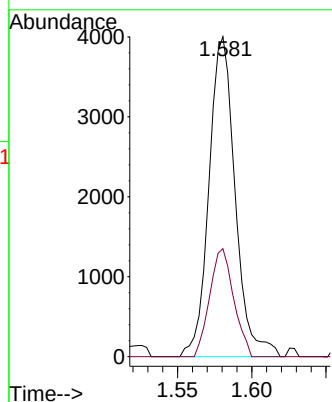
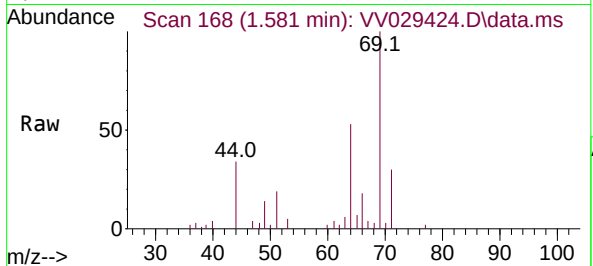




#8
Chloroethane
Concen: 2.292 ug/L
RT: 1.581 min Scan# 1
Delta R.T. 0.010 min
Lab File: VV029424.D
Acq: 07 Dec 2022 17:56

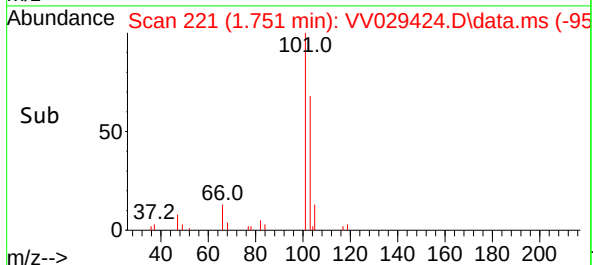
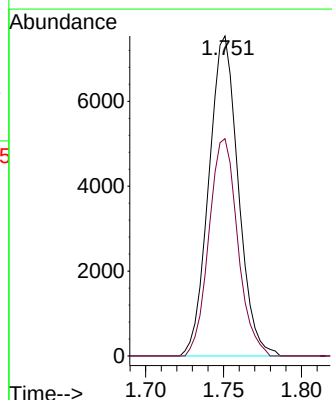
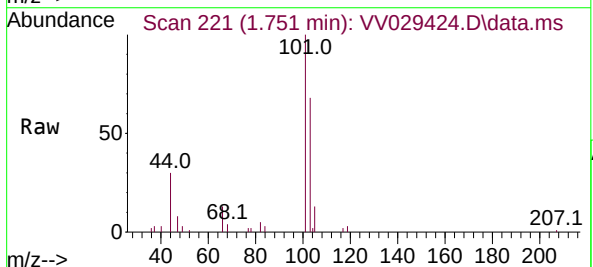
Instrument :
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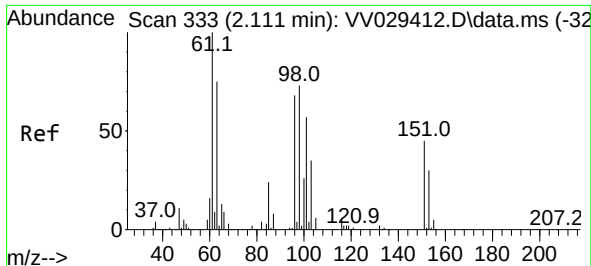
Tgt Ion: 64 Resp: 4913
Ion Ratio Lower Upper
64 100
66 33.7 22.5 41.9



#9
Trichlorofluoromethane
Concen: 2.057 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.007 min
Lab File: VV029424.D
Acq: 07 Dec 2022 17:56

Tgt Ion:101 Resp: 9916
Ion Ratio Lower Upper
101 100
103 66.3 51.8 77.8

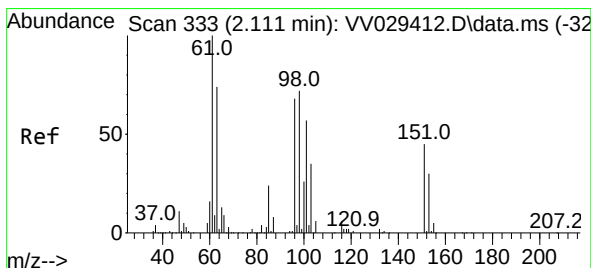
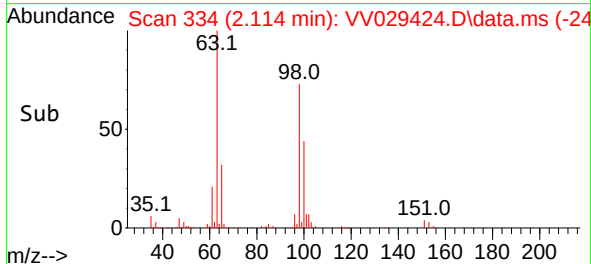
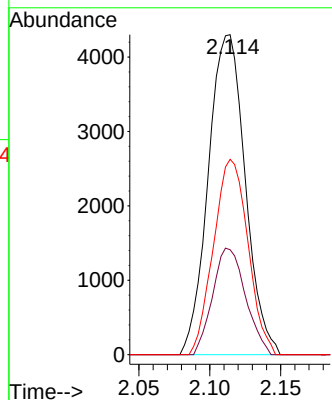
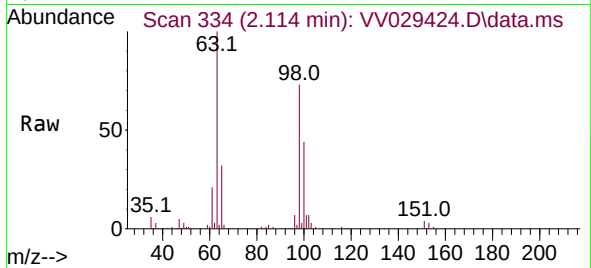




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.912 ug/L
 RT: 2.114 min Scan# 333
 Delta R.T. 0.003 min
 Lab File: VV029424.D
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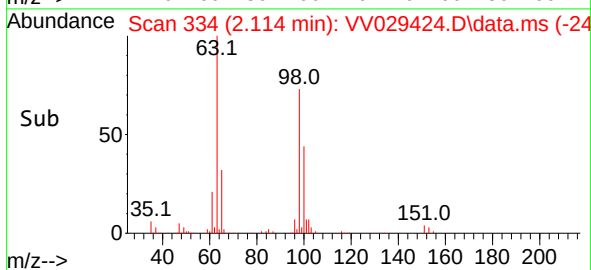
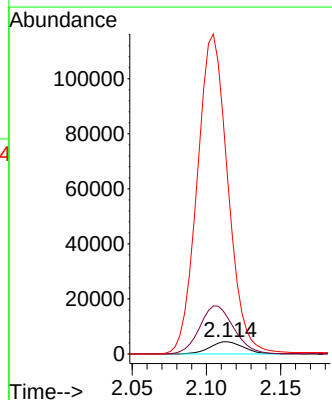
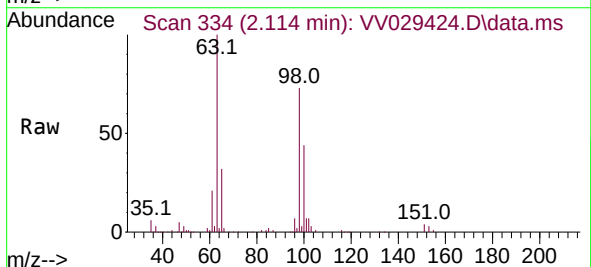
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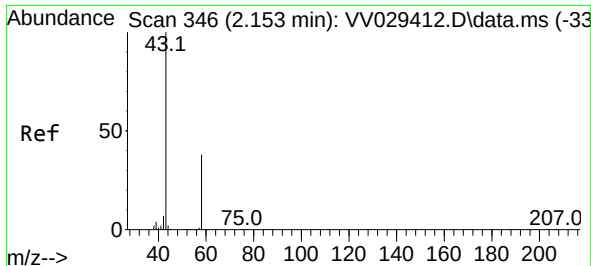
Tgt Ion:101 Resp: 7799
 Ion Ratio Lower Upper
 101 100
 85 29.6 33.6 50.4#
 151 56.9 63.5 95.3#



#12
 1,1-Dichloroethene
 Concen: 2.542 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.003 min
 Lab File: VV029424.D
 Acq: 07 Dec 2022 17:56

Tgt Ion: 96 Resp: 6962
 Ion Ratio Lower Upper
 96 100
 61 295.7 103.3 191.9#
 63 1420.7 77.3 143.7#





#13

Acetone

Concen: 4.639 ug/L

RT: 2.156 min Scan# 34

Delta R.T. 0.003 min

Lab File: VV029424.D

Acq: 07 Dec 2022 17:56

Instrument :

MSVOA_V

ClientSampleId :

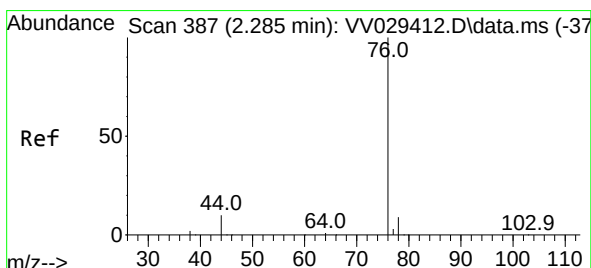
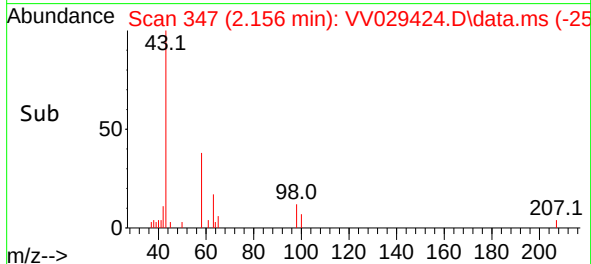
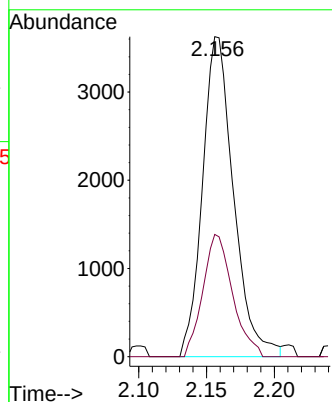
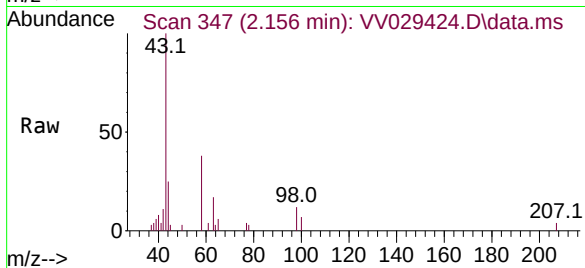
MDL03

Tgt Ion: 43 Resp: 5784

Ion Ratio Lower Upper

43 100

58 36.4 0.0 74.8



#14

Carbon disulfide

Concen: 2.098 ug/L

RT: 2.291 min Scan# 389

Delta R.T. 0.007 min

Lab File: VV029424.D

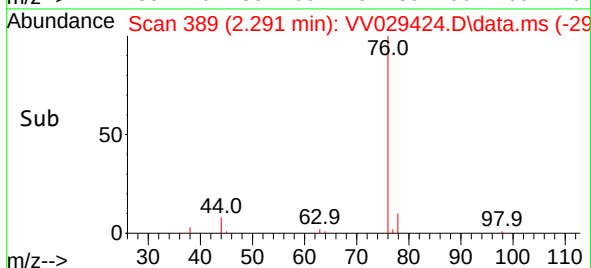
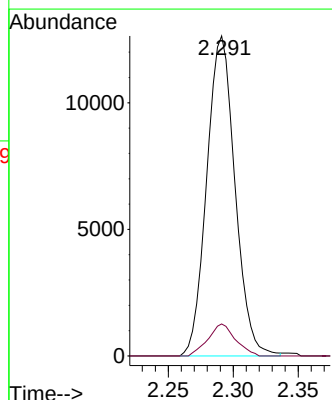
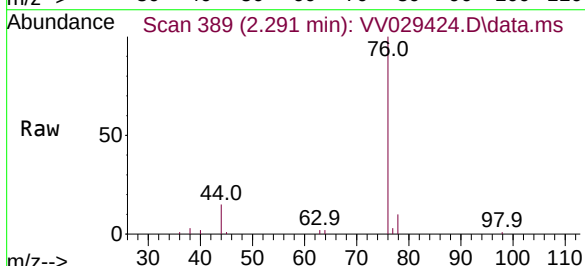
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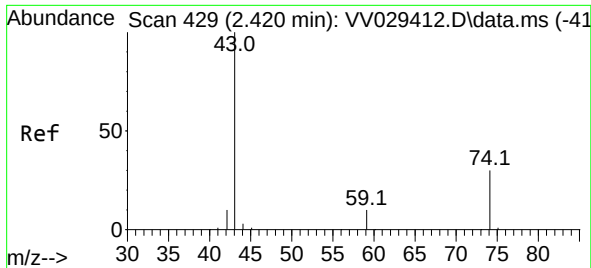
Tgt Ion: 76 Resp: 19121

Ion Ratio Lower Upper

76 100

78 10.0 7.4 11.2

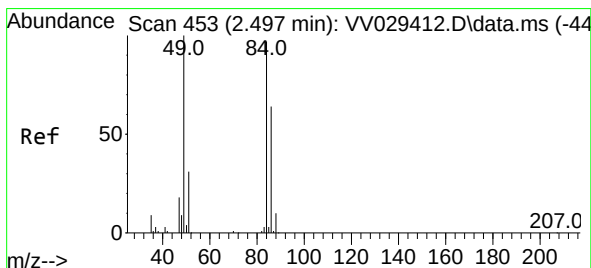
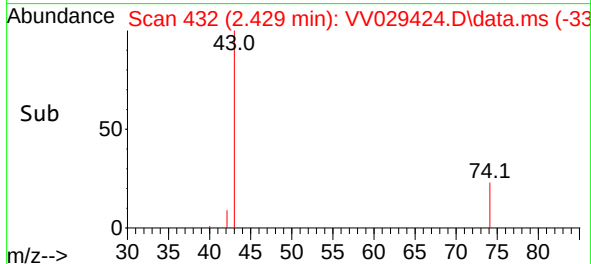
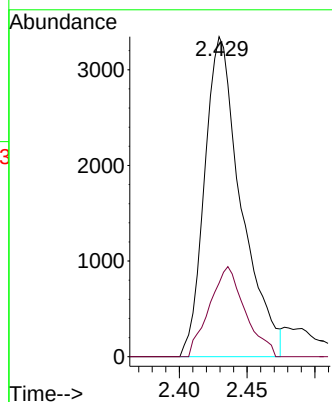
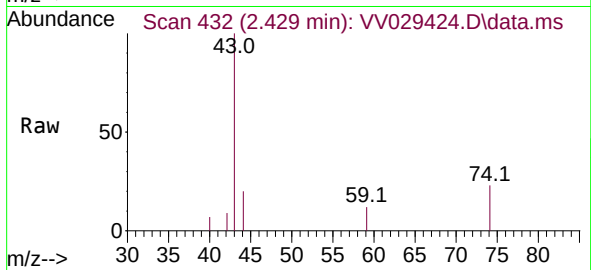




#15
Methyl Acetate
Concen: 2.210 ug/L
RT: 2.429 min Scan# 41
Delta R.T. 0.010 min
Lab File: VV029424.D
Acq: 07 Dec 2022 17:56

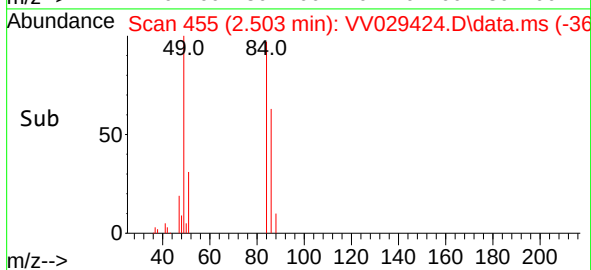
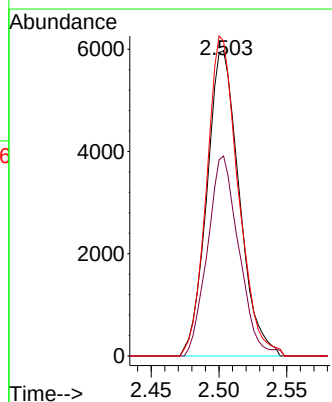
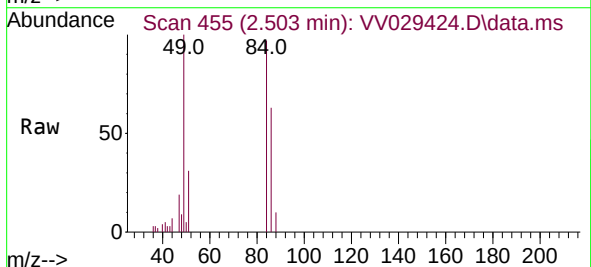
Instrument :
MSVOA_V
ClientSampleId :
MDL03

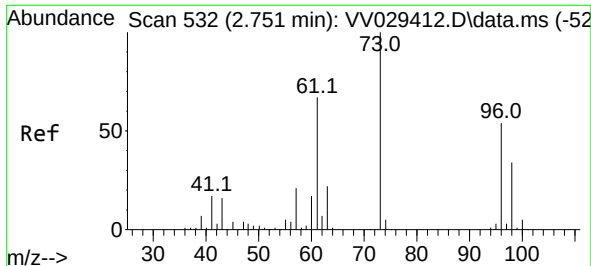
Tgt Ion: 43 Resp: 6277
Ion Ratio Lower Upper
43 100
74 27.4 23.5 35.3



#16
Methylene chloride
Concen: 2.910 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.007 min
Lab File: VV029424.D
Acq: 07 Dec 2022 17:56

Tgt Ion: 84 Resp: 9911
Ion Ratio Lower Upper
84 100
86 65.5 46.0 85.4
49 103.1 72.2 134.0

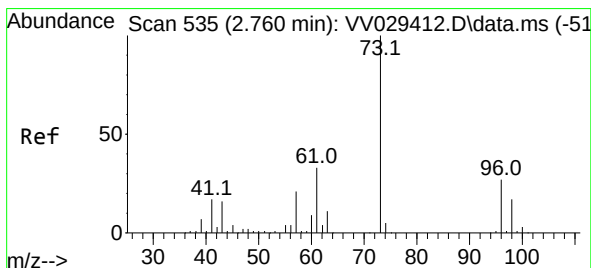
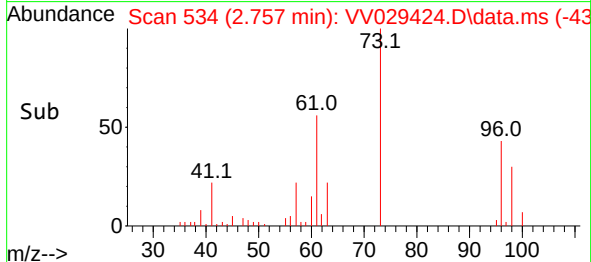
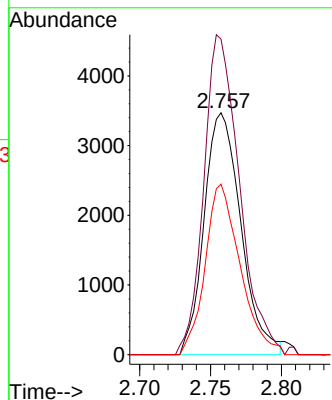
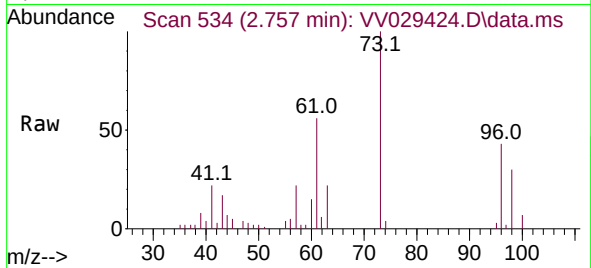




#17
trans-1,2-Dichloroethene
Concen: 1.992 ug/L
RT: 2.757 min Scan# 51
Delta R.T. 0.007 min
Lab File: VV029424.D
Acq: 07 Dec 2022 17:56

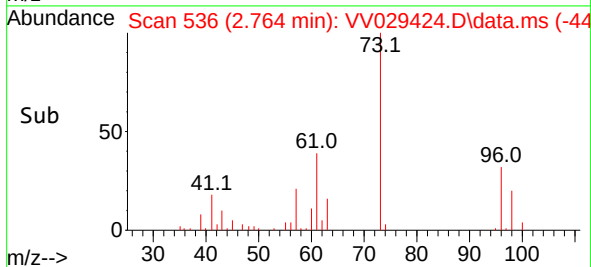
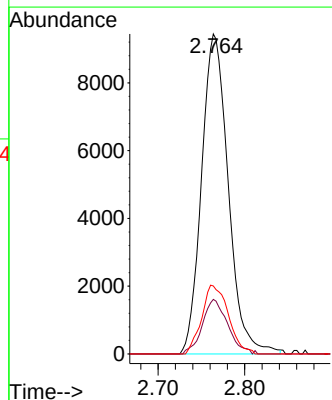
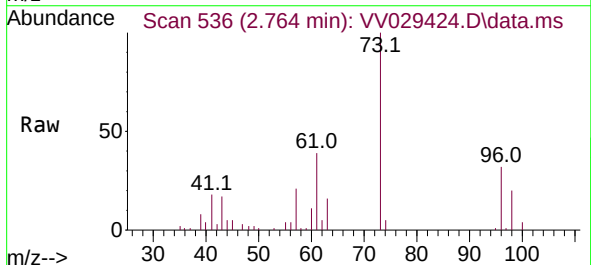
Instrument :
MSVOA_V
ClientSampleId :
MDL03

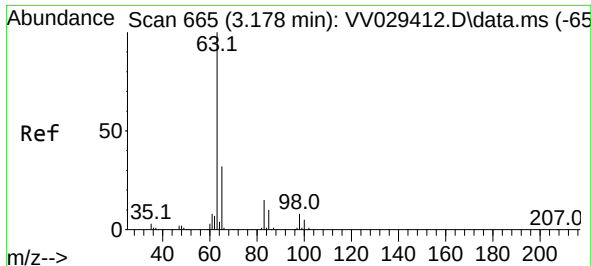
Tgt Ion: 96 Resp: 6285
Ion Ratio Lower Upper
96 100
61 130.4 86.4 160.4
98 70.5 43.4 80.6



#18
Methyl tert-butyl Ether
Concen: 2.095 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV029424.D
Acq: 07 Dec 2022 17:56

Tgt Ion: 73 Resp: 20255
Ion Ratio Lower Upper
73 100
43 16.1 12.7 19.1
57 21.4 16.7 25.1

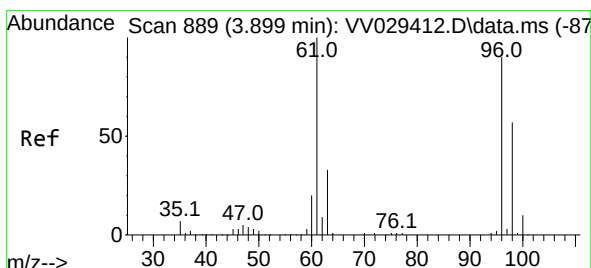
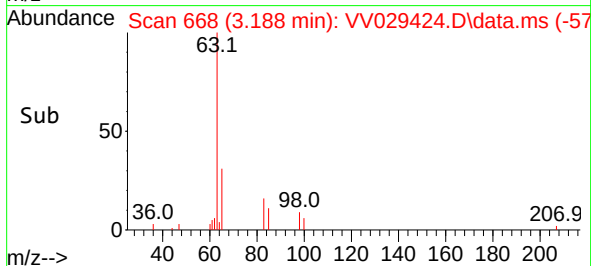
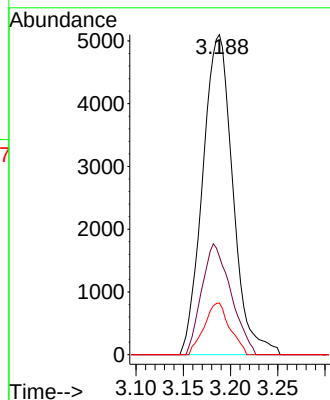
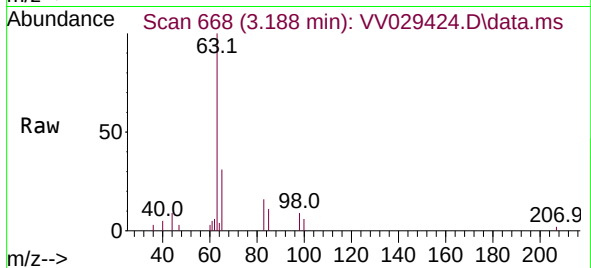




#19
1,1-Dichloroethane
Concen: 2.094 ug/L
RT: 3.188 min Scan# 60
Delta R.T. 0.010 min
Lab File: VV029424.D
Acq: 07 Dec 2022 17:56

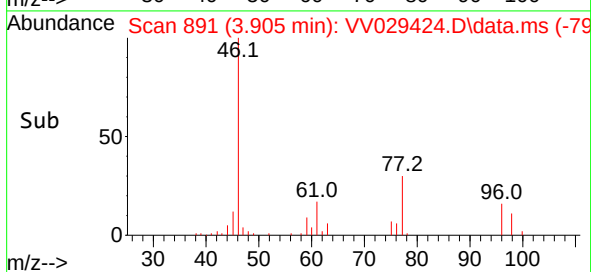
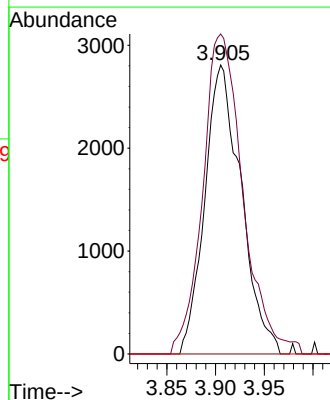
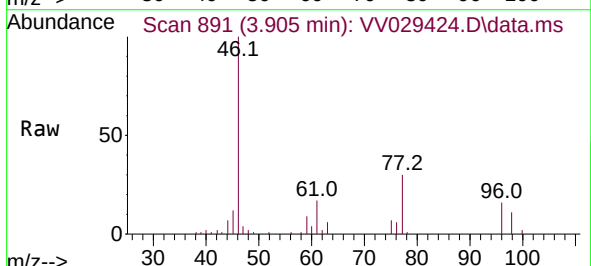
Instrument :
MSVOA_V
ClientSampleId :
MDL03

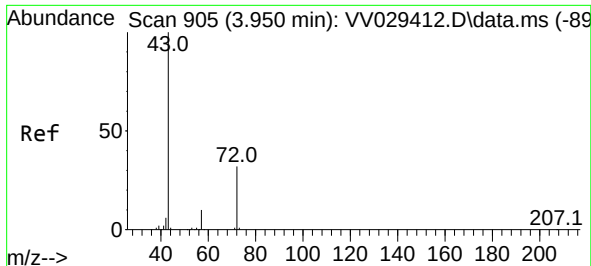
Tgt Ion: 63	Resp: 11319
Ion Ratio	Lower Upper
63 100	
65 30.6	22.5 41.7
83 16.2	10.4 19.2



#20
cis-1,2-Dichloroethene
Concen: 2.107 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.007 min
Lab File: VV029424.D
Acq: 07 Dec 2022 17:56

Tgt Ion: 96	Resp: 7311
Ion Ratio	Lower Upper
96 100	
61 110.8	78.0 144.9
68 0.0	0.0 0.0

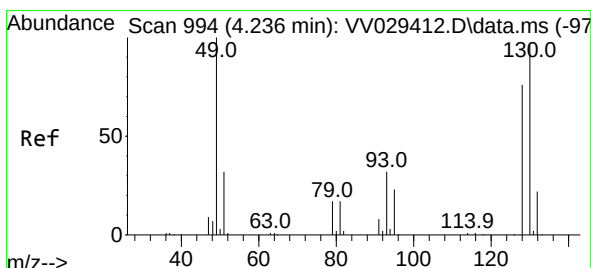
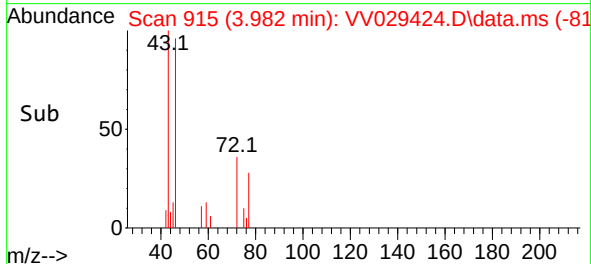
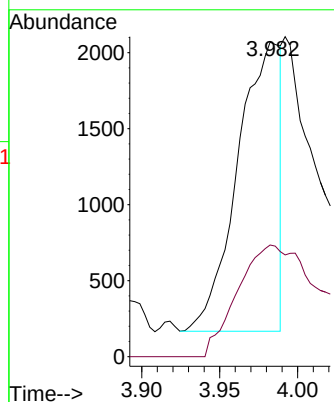
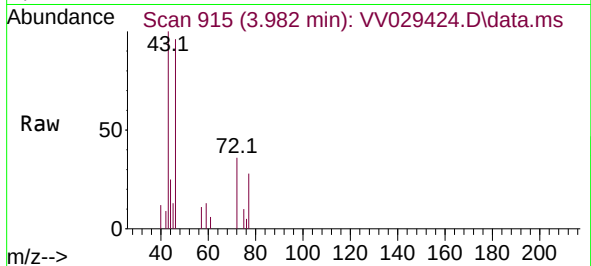




#22
2-Butanone
Concen: 1.825 ug/L
RT: 3.982 min Scan# 915
Delta R.T. 0.032 min
Lab File: VV029424.D
Acq: 07 Dec 2022 17:56

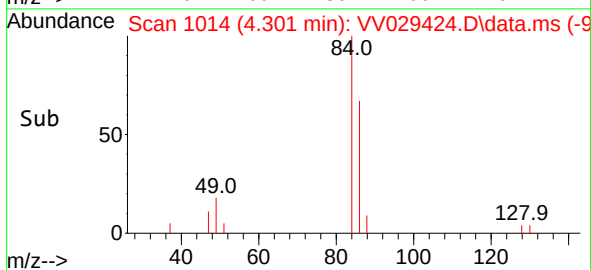
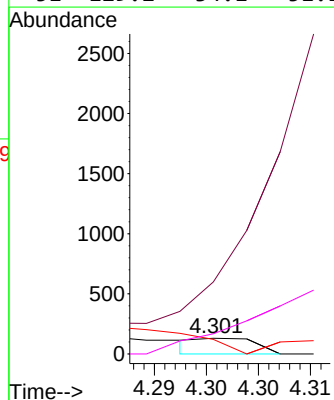
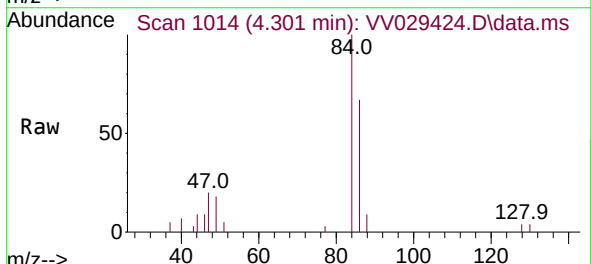
Instrument :
MSVOA_V
ClientSampleId :
MDL03

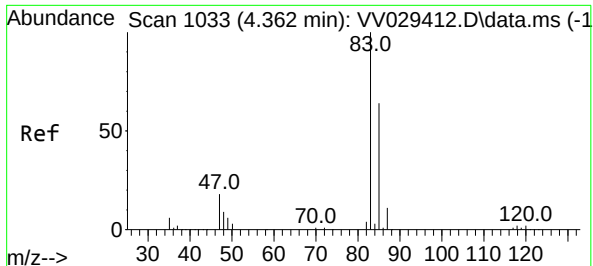
Tgt Ion: 43 Resp: 3621
Ion Ratio Lower Upper
43 100
72 42.0 15.9 47.6



#23
Bromochloromethane
Concen: 0.027 ug/L
RT: 4.301 min Scan# 1014
Delta R.T. 0.064 min
Lab File: VV029424.D
Acq: 07 Dec 2022 17:56

Tgt Ion: 128 Resp: 49
Ion Ratio Lower Upper
128 100
49 460.8 92.2 171.2#
130 93.1 88.3 164.1
51 129.2 34.1 51.1#





#25

Chloroform

Concen: 2.321 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. 0.010 min

Lab File: VV029424.D

Acq: 07 Dec 2022 17:56

Instrument :

MSVOA_V

ClientSampleId :

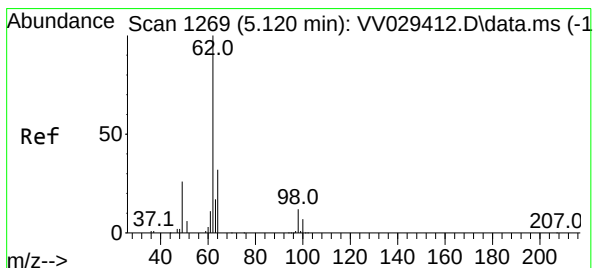
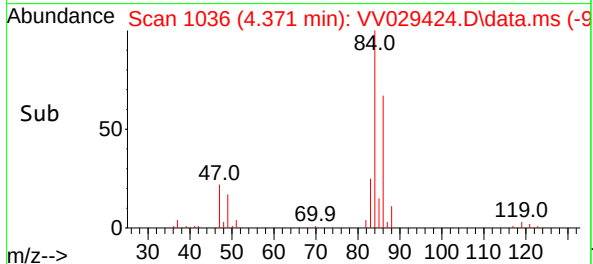
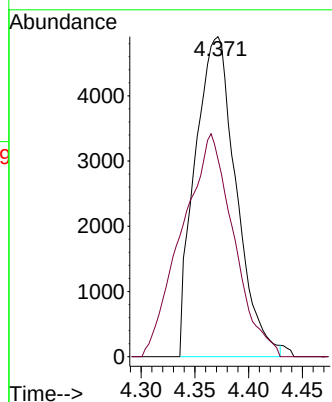
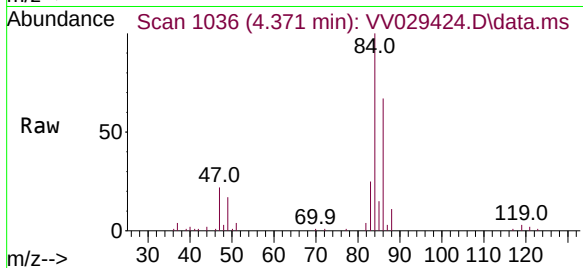
MDL03

Tgt Ion: 83 Resp: 13010

Ion Ratio Lower Upper

83 100

85 61.7 45.1 83.9



#27

1,2-Dichloroethane

Concen: 2.055 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.010 min

Lab File: VV029424.D

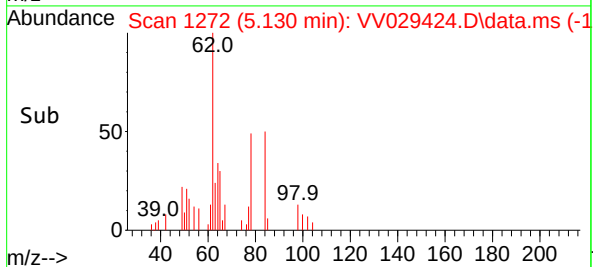
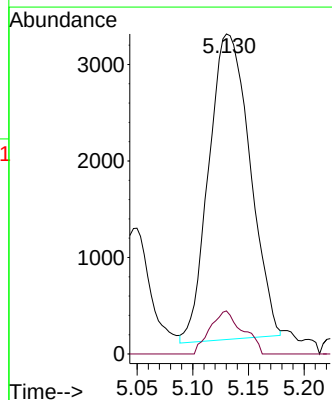
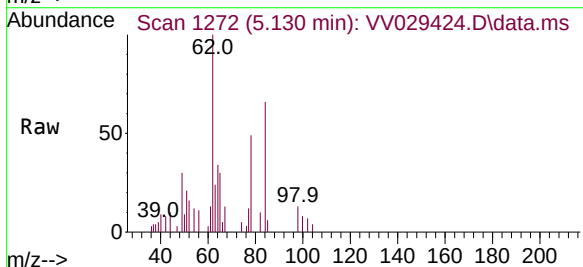
Acq: 07 Dec 2022 17:56

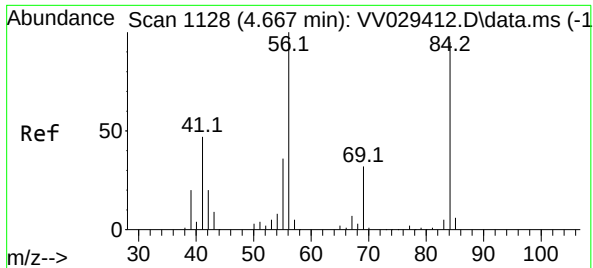
Tgt Ion: 62 Resp: 8138

Ion Ratio Lower Upper

62 100

98 13.4 9.4 14.0

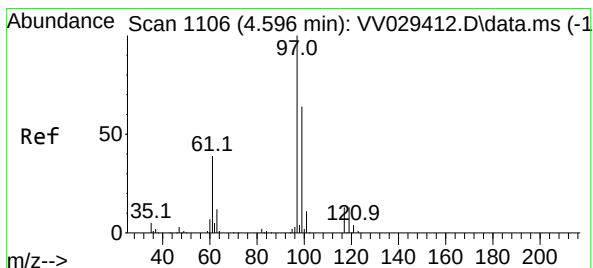
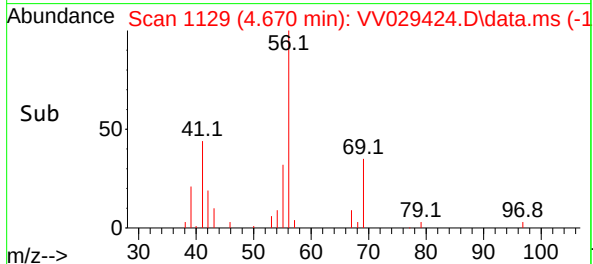
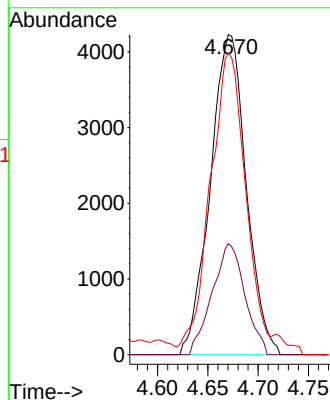
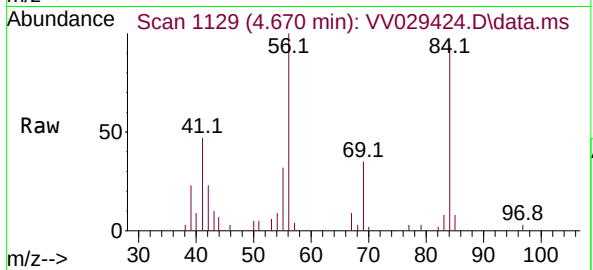




#29
Cyclohexane
Concen: 2.118 ug/L
RT: 4.670 min Scan# 1128
Delta R.T. 0.003 min
Lab File: VV029424.D
Acq: 07 Dec 2022 17:56

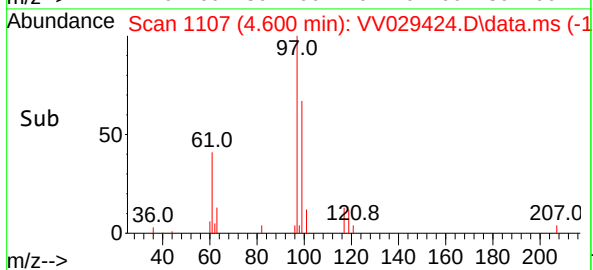
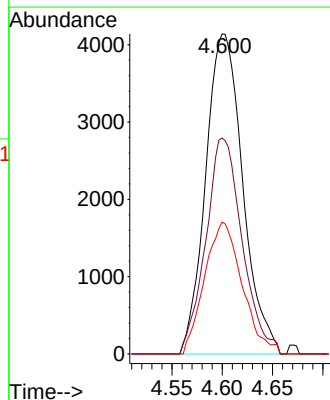
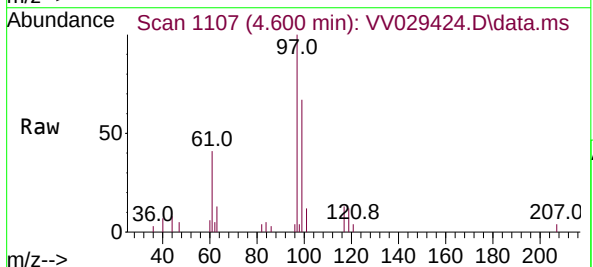
Instrument :
MSVOA_V
ClientSampleId :
MDL03

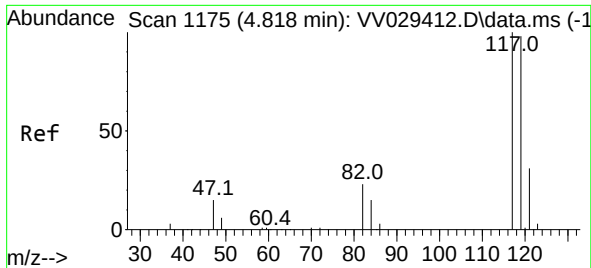
Tgt Ion: 56	Resp: 10521
Ion Ratio	Lower Upper
56	100
69	31.5 25.8 38.8
84	87.5 76.6 114.8



#30
1,1,1-Trichloroethane
Concen: 2.127 ug/L
RT: 4.600 min Scan# 1107
Delta R.T. 0.003 min
Lab File: VV029424.D
Acq: 07 Dec 2022 17:56

Tgt Ion: 97	Resp: 10628
Ion Ratio	Lower Upper
97	100
99	66.2 52.1 78.1
61	41.3 31.8 47.8

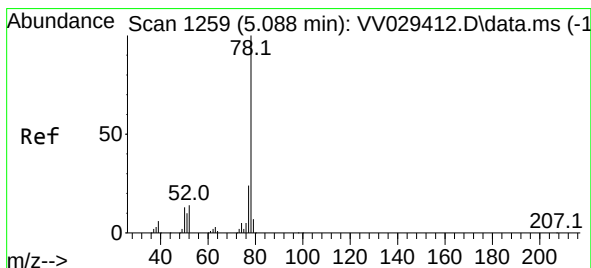
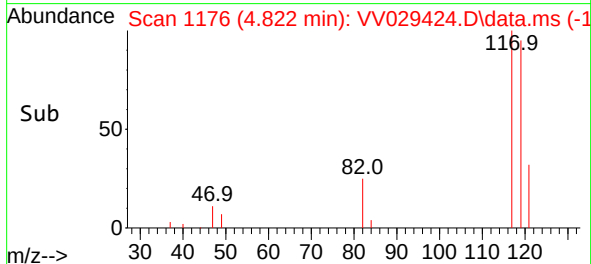
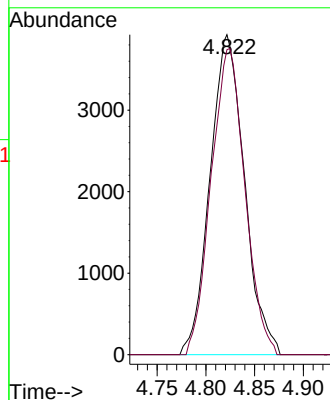
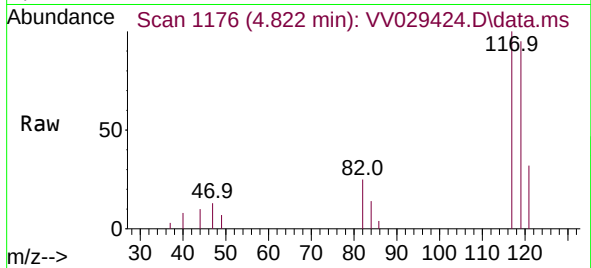




#31
Carbon tetrachloride
Concen: 2.207 ug/L
RT: 4.822 min Scan# 1175
Delta R.T. 0.003 min
Lab File: VV029424.D
Acq: 07 Dec 2022 17:56

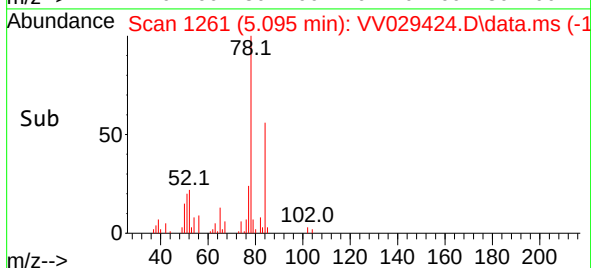
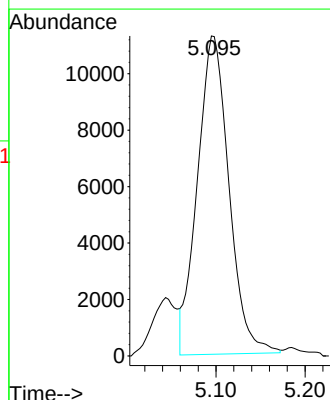
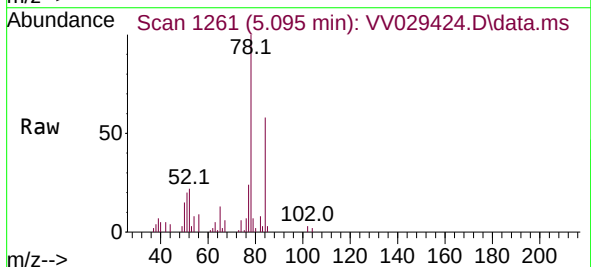
Instrument : MSVOA_V
ClientSampleId : MDL03

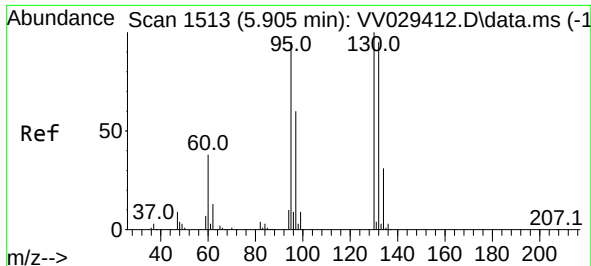
Tgt Ion:117 Resp: 9628
Ion Ratio Lower Upper
117 100
119 94.0 76.7 115.1



#33
Benzene
Concen: 2.144 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.007 min
Lab File: VV029424.D
Acq: 07 Dec 2022 17:56

Tgt Ion: 78 Resp: 27707

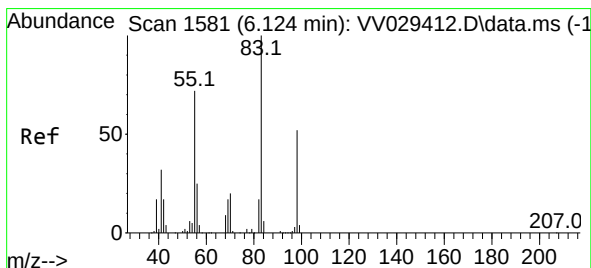
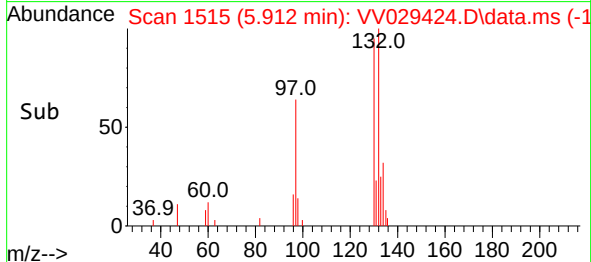
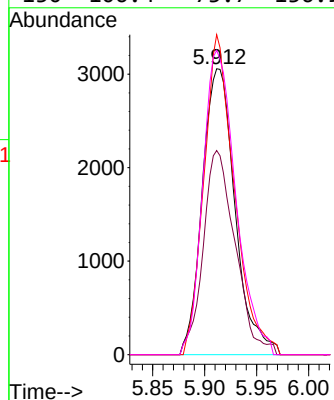
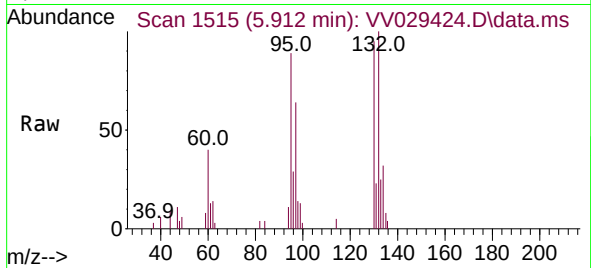




#34
Trichloroethene
Concen: 2.074 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.007 min
Lab File: VV029424.D
Acq: 07 Dec 2022 17:56

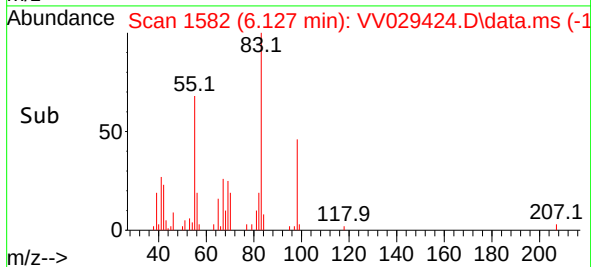
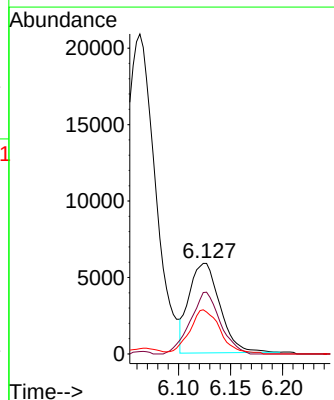
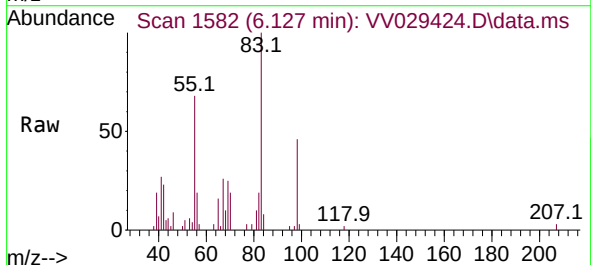
Instrument :
MSVOA_V
ClientSampleId :
MDL03

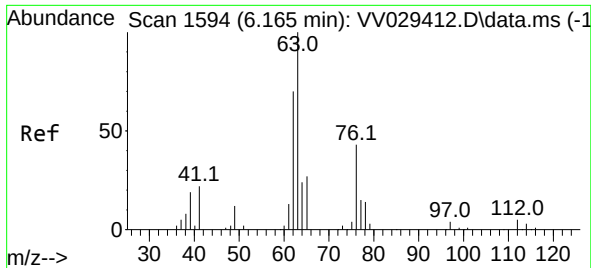
Tgt Ion:	95	Resp:	6718
Ion	Ratio	Lower	Upper
95	100		
97	71.4	44.0	81.8
132	111.9	69.9	129.9
130	106.4	73.7	136.9



#35
Methylcyclohexane
Concen: 2.198 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.003 min
Lab File: VV029424.D
Acq: 07 Dec 2022 17:56

Tgt Ion:	83	Resp:	12089
Ion	Ratio	Lower	Upper
83	100		
55	66.7	55.5	83.3
98	48.9	39.8	59.8

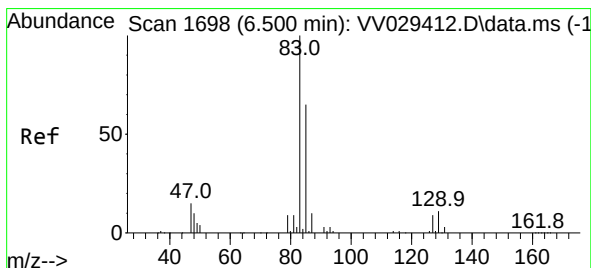
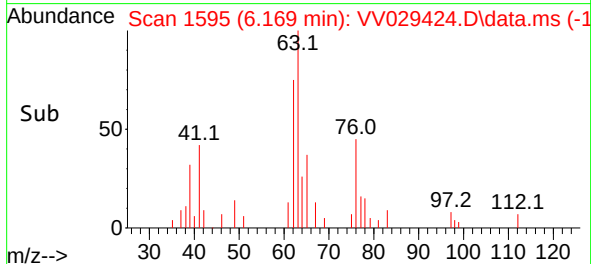
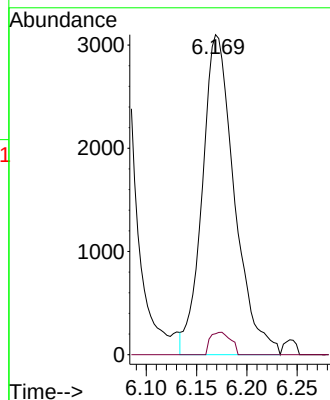
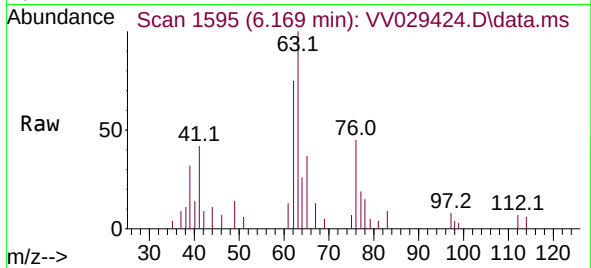




#37
1,2-Dichloropropane
Concen: 2.203 ug/L
RT: 6.169 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV029424.D
Acq: 07 Dec 2022 17:56

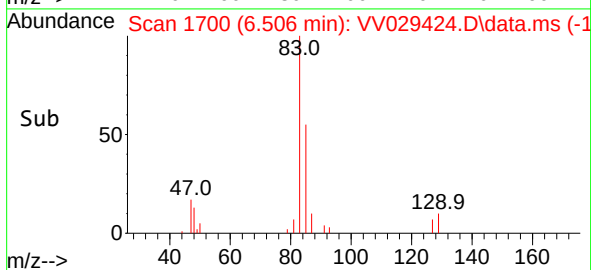
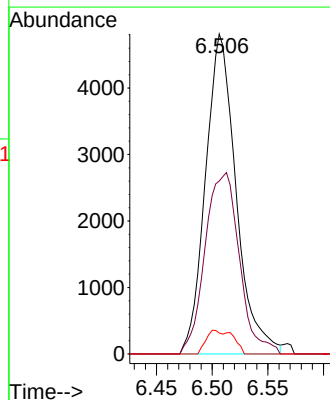
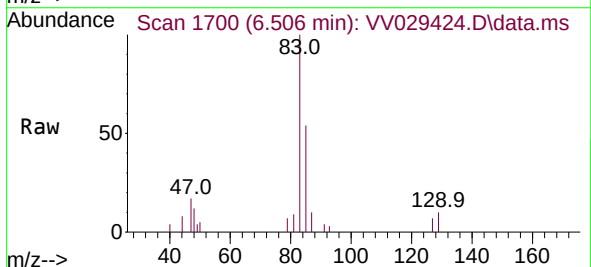
Instrument :
MSVOA_V
ClientSampleId :
MDL03

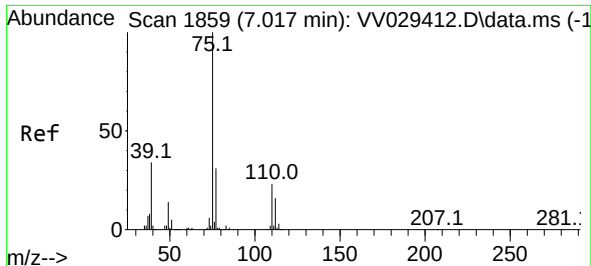
Tgt Ion: 63 Resp: 6872
Ion Ratio Lower Upper
63 100
112 4.5 3.9 5.9



#38
Bromodichloromethane
Concen: 2.135 ug/L
RT: 6.506 min Scan# 1700
Delta R.T. 0.007 min
Lab File: VV029424.D
Acq: 07 Dec 2022 17:56

Tgt Ion: 83 Resp: 9194
Ion Ratio Lower Upper
83 100
85 54.1 45.3 84.1
127 6.5 7.0 10.6#





#39

cis-1,3-Dichloropropene

Concen: 2.027 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.007 min

Lab File: VV029424.D

Acq: 07 Dec 2022 17:56

Instrument :

MSVOA_V

ClientSampleId :

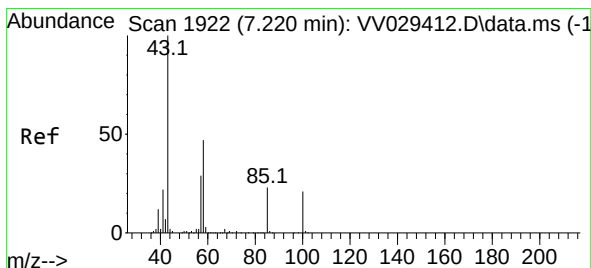
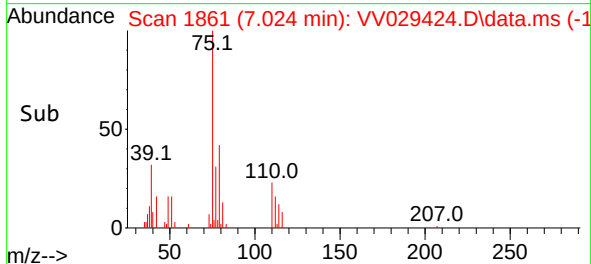
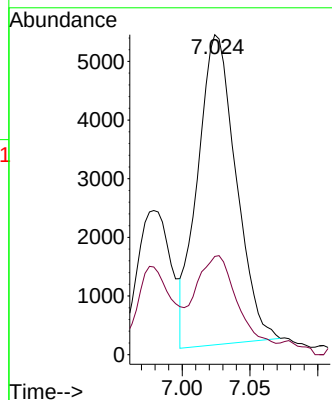
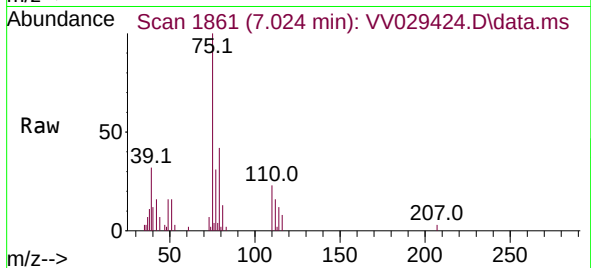
MDL03

Tgt Ion: 75 Resp: 10401

Ion Ratio Lower Upper

75 100

77 30.7 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 4.363 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.007 min

Lab File: VV029424.D

Acq: 07 Dec 2022 17:56

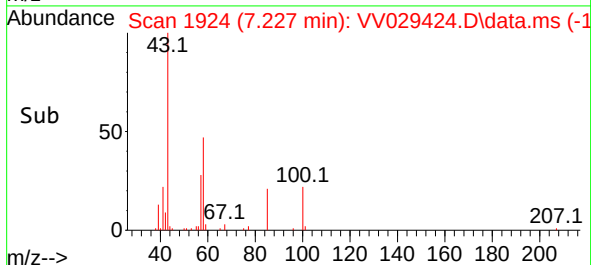
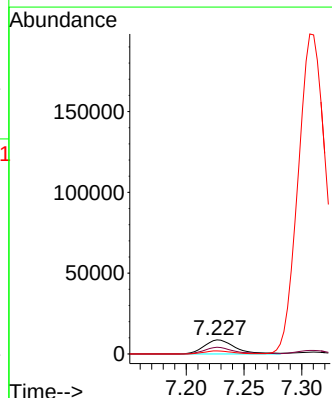
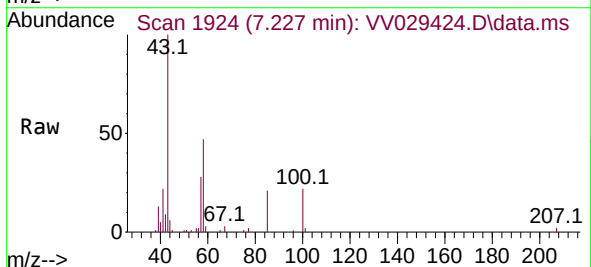
Tgt Ion: 43 Resp: 16227

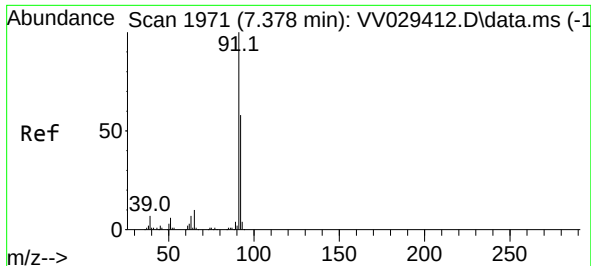
Ion Ratio Lower Upper

43 100

58 45.3 37.5 56.3

100 20.3 16.7 25.1





#42

Toluene

Concen: 2.138 ug/L

RT: 7.384 min Scan# 1971

Delta R.T. 0.007 min

Lab File: VV029424.D

Acq: 07 Dec 2022 17:56

Instrument :

MSVOA_V

ClientSampleId :

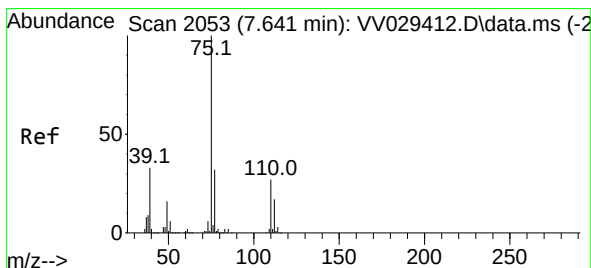
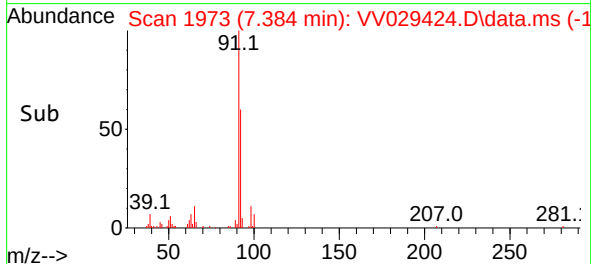
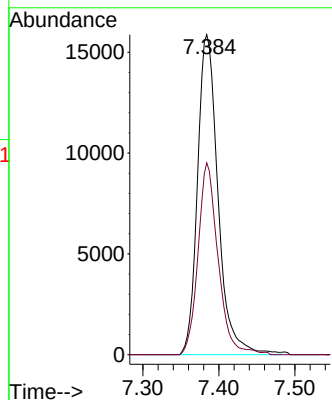
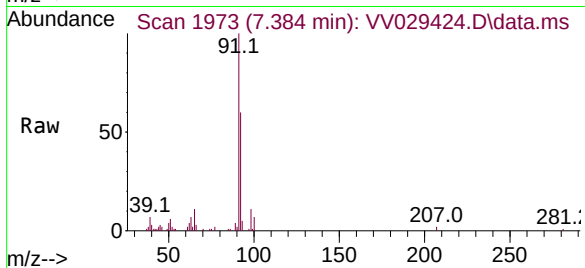
MDL03

Tgt Ion: 91 Resp: 29750

Ion Ratio Lower Upper

91 100

92 60.0 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 1.994 ug/L

RT: 7.645 min Scan# 2054

Delta R.T. 0.003 min

Lab File: VV029424.D

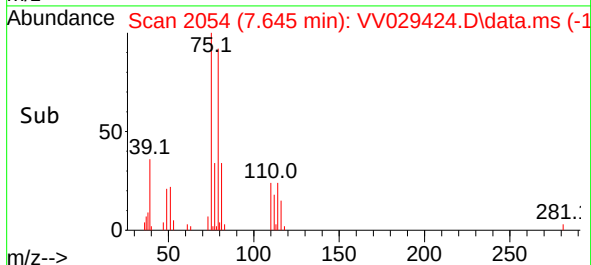
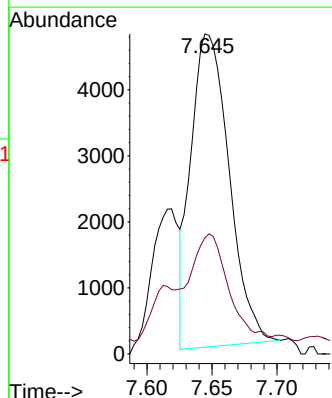
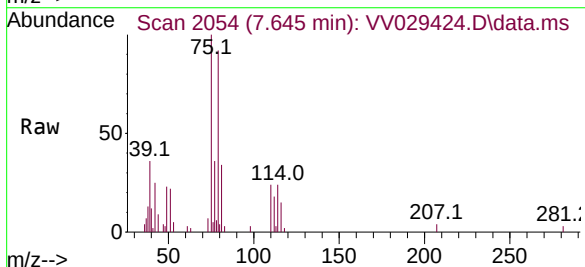
Acq: 07 Dec 2022 17:56

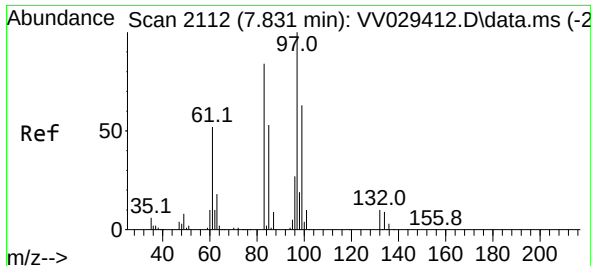
Tgt Ion: 75 Resp: 9690

Ion Ratio Lower Upper

75 100

77 36.4 22.3 41.5

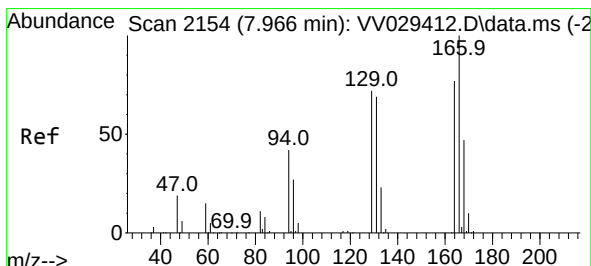
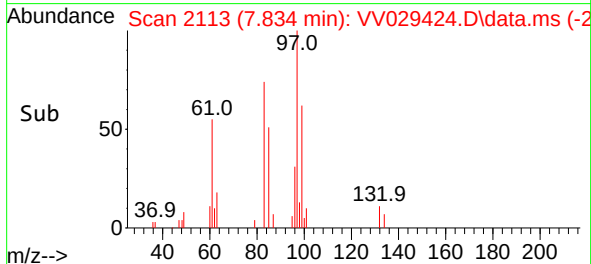
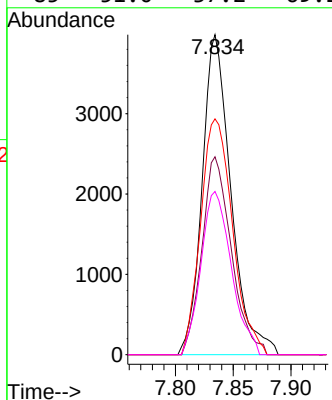
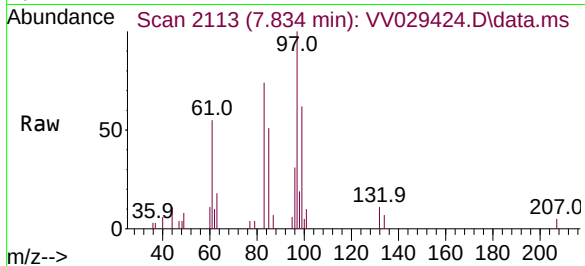




#45
1,1,2-Trichloroethane
Concen: 2.145 ug/L
RT: 7.834 min Scan# 2112
Delta R.T. 0.003 min
Lab File: VV029424.D
Acq: 07 Dec 2022 17:56

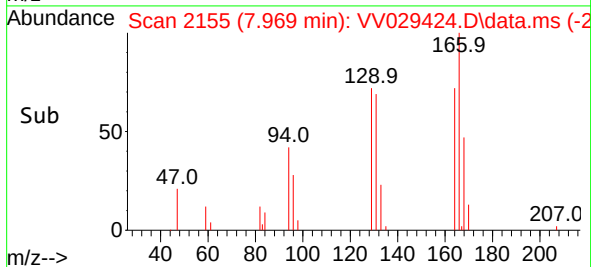
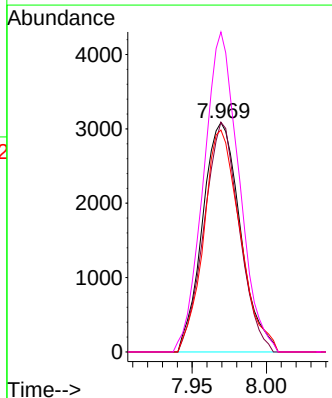
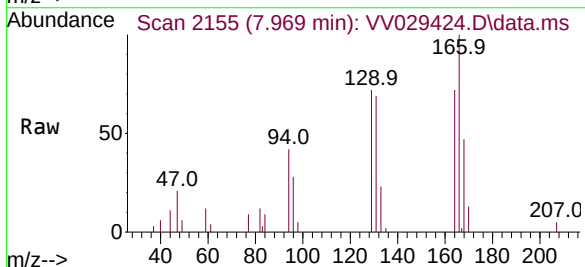
Instrument :
MSVOA_V
ClientSampleId :
MDL03

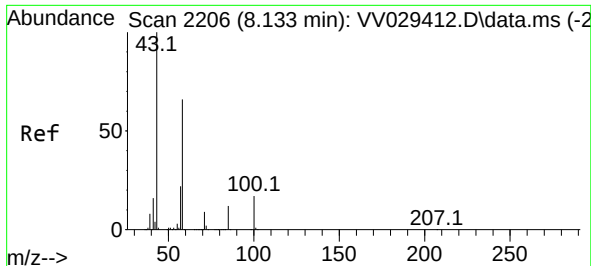
Tgt Ion:	97	Resp:	6914
Ion	Ratio	Lower	Upper
97	100		
99	61.9	43.8	81.3
83	73.7	58.6	108.8
85	51.0	37.2	69.2



#46
Tetrachloroethene
Concen: 2.098 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. 0.003 min
Lab File: VV029424.D
Acq: 07 Dec 2022 17:56

Tgt Ion:	164	Resp:	5462
Ion	Ratio	Lower	Upper
164	100		
129	100.1	65.3	121.3
131	96.7	63.1	117.1
166	139.4	90.8	168.6

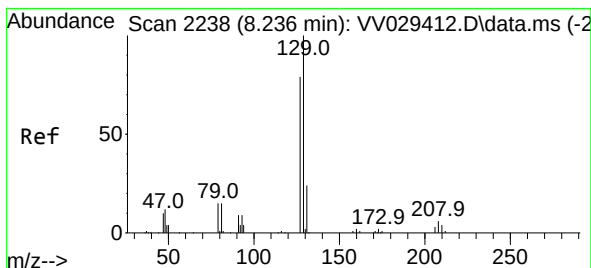
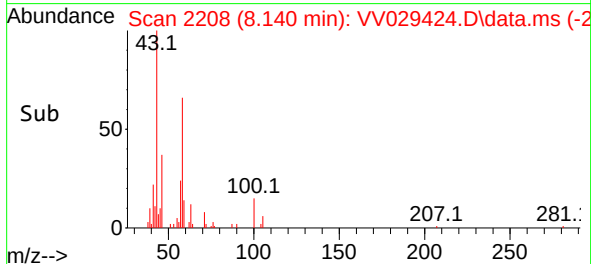
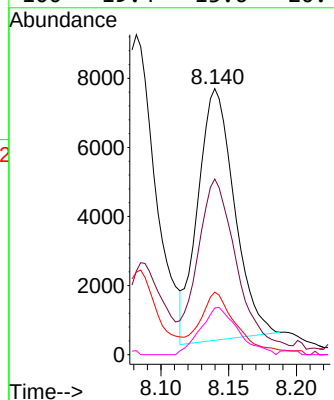
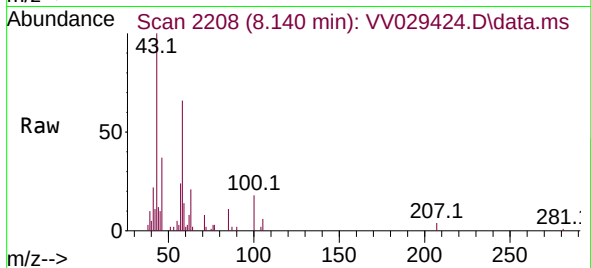




#48
2-Hexanone
Concen: 4.793 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.007 min
Lab File: VV029424.D
Acq: 07 Dec 2022 17:56

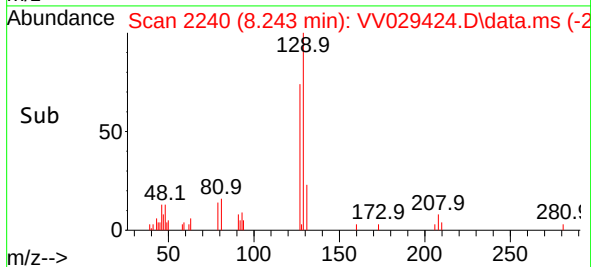
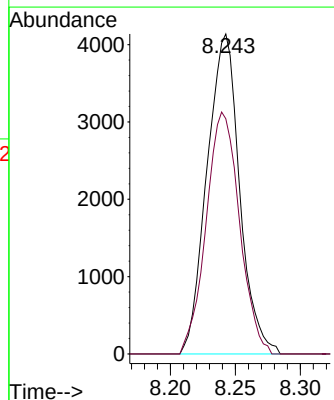
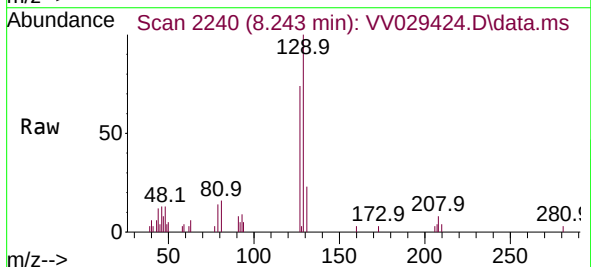
Instrument :
MSVOA_V
ClientSampleId :
MDL03

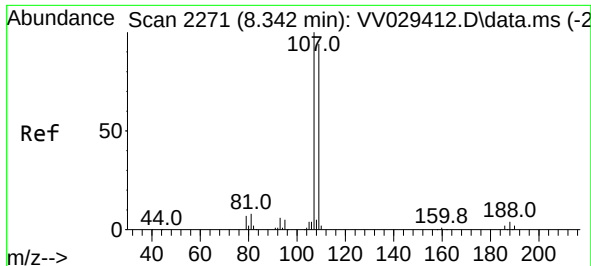
Tgt Ion: 43	Resp:	13619	
Ion	Ratio	Lower	Upper
43	100		
58	76.1	54.1	81.1
57	22.6	17.4	26.0
100	19.4	13.6	20.4



#49
Dibromochloromethane
Concen: 2.031 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.007 min
Lab File: VV029424.D
Acq: 07 Dec 2022 17:56

Tgt Ion:129	Resp:	7227	
Ion	Ratio	Lower	Upper
129	100		
127	73.5	55.2	102.4

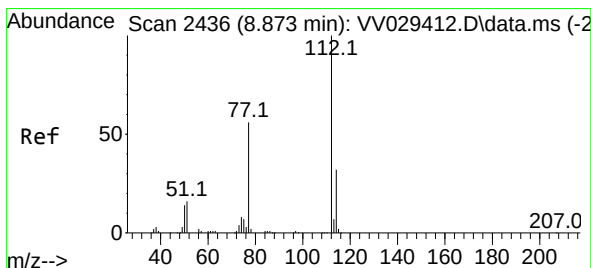
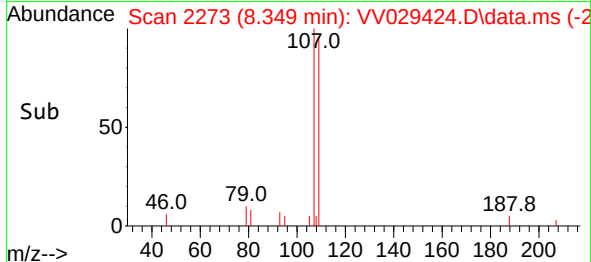
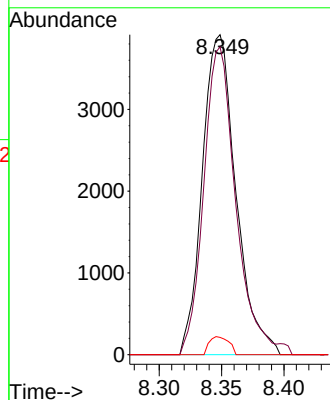
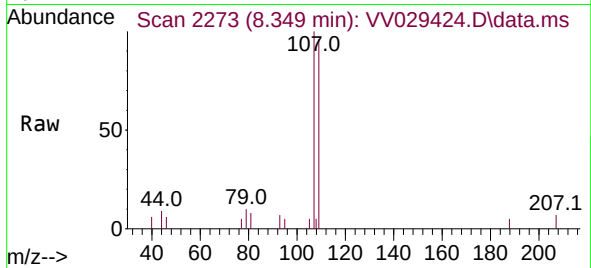




#50
1,2-Dibromoethane
Concen: 2.215 ug/L
RT: 8.349 min Scan# 21
Delta R.T. 0.007 min
Lab File: VV029424.D
Acq: 07 Dec 2022 17:56

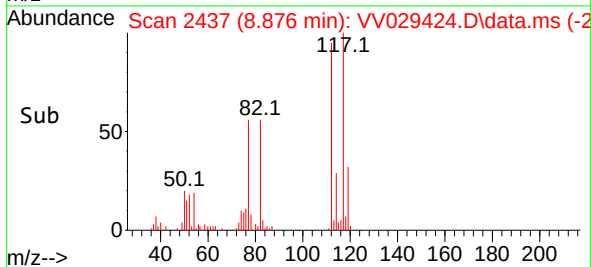
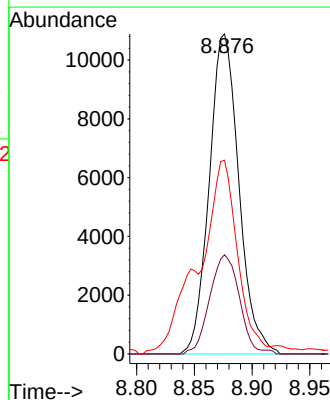
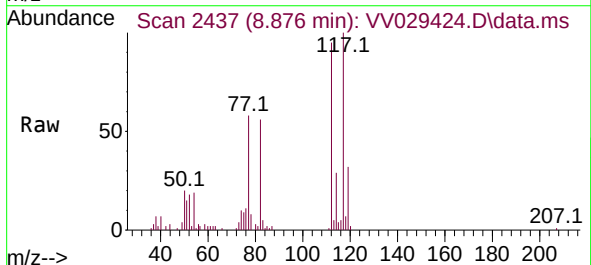
Instrument :
MSVOA_V
ClientSampleId :
MDL03

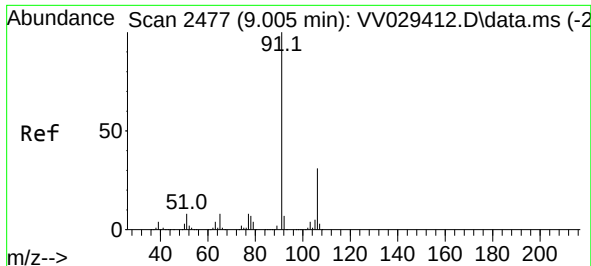
Tgt Ion:107 Resp: 7353
Ion Ratio Lower Upper
107 100
109 96.2 66.0 122.6
188 5.4 3.2 4.8#



#51
Chlorobenzene
Concen: 2.205 ug/L
RT: 8.876 min Scan# 2437
Delta R.T. 0.003 min
Lab File: VV029424.D
Acq: 07 Dec 2022 17:56

Tgt Ion:112 Resp: 19426
Ion Ratio Lower Upper
112 100
114 31.0 22.3 41.3
77 60.5 45.0 67.4





#52

Ethylbenzene

Concen: 2.071 ug/L

RT: 9.005 min Scan# 2477

Delta R.T. 0.000 min

Lab File: VV029424.D

Acq: 07 Dec 2022 17:56

Instrument :

MSVOA_V

ClientSampleId :

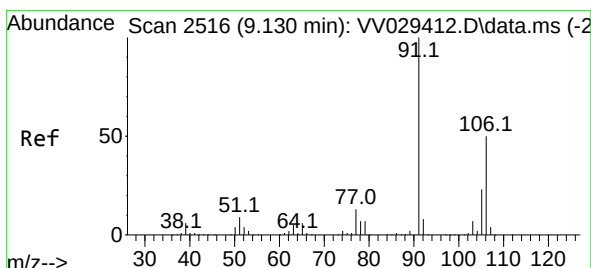
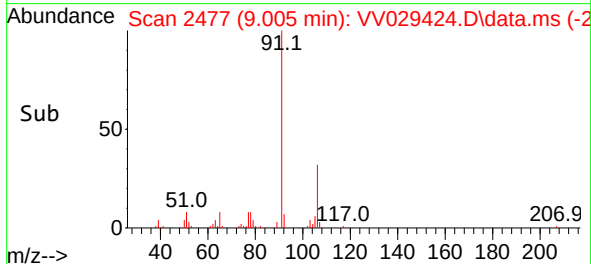
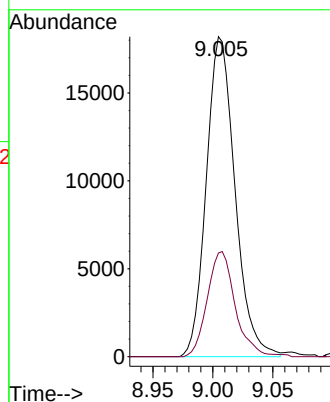
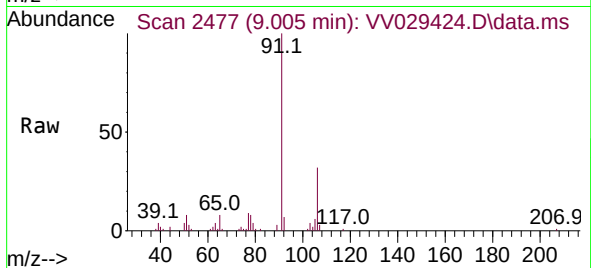
MDL03

Tgt Ion: 91 Resp: 30297

Ion Ratio Lower Upper

91 100

106 32.4 21.8 40.6



#53

m,p-Xylene

Concen: 2.090 ug/L

RT: 9.133 min Scan# 2517

Delta R.T. 0.003 min

Lab File: VV029424.D

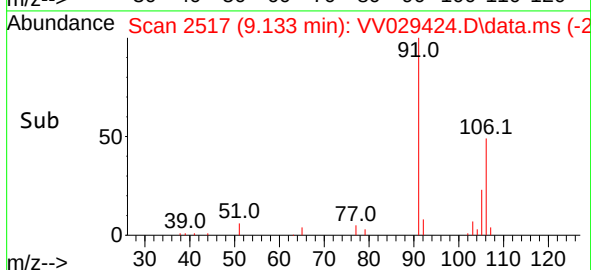
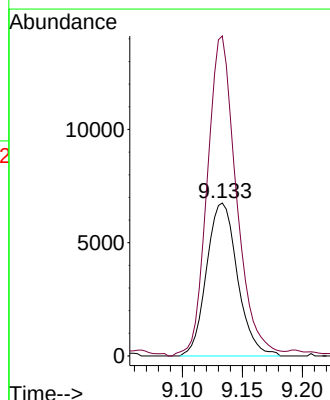
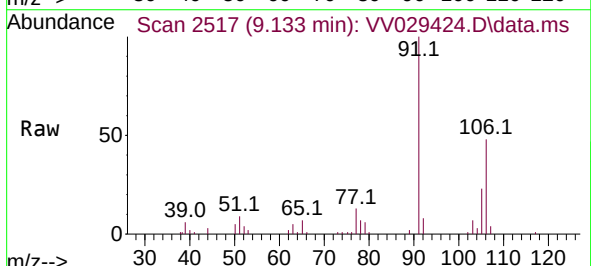
Acq: 07 Dec 2022 17:56

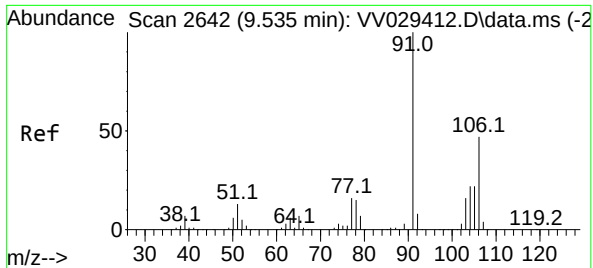
Tgt Ion: 106 Resp: 12098

Ion Ratio Lower Upper

106 100

91 209.1 139.5 259.1

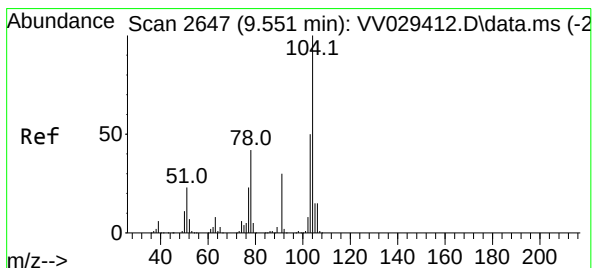
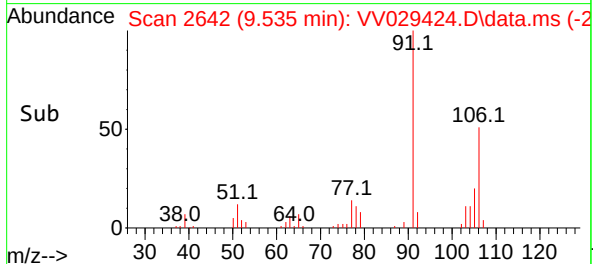
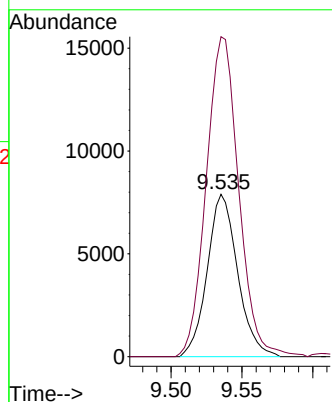
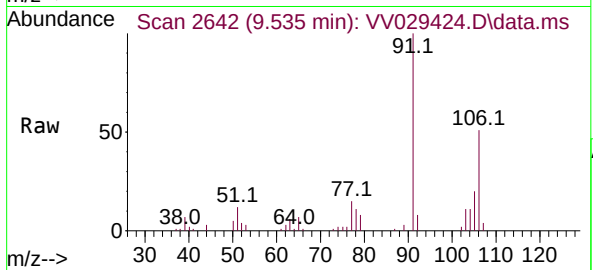




#54
o-Xylene
Concen: 2.055 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. 0.000 min
Lab File: VV029424.D
Acq: 07 Dec 2022 17:56

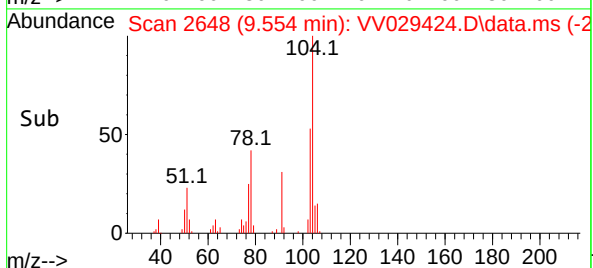
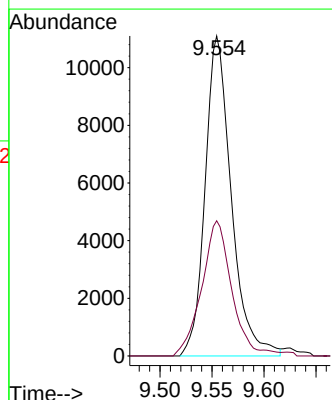
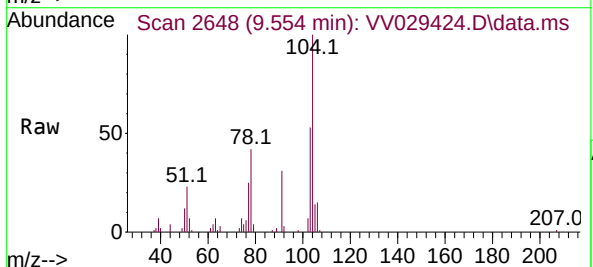
Instrument :
MSVOA_V
ClientSampleId :
MDL03

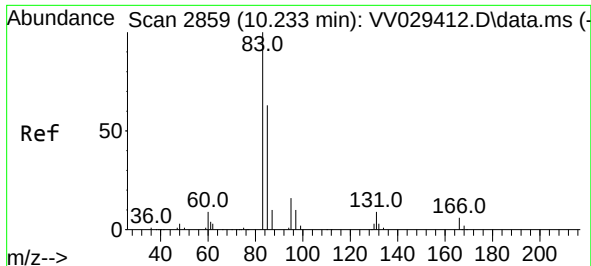
Tgt Ion:106 Resp: 11767
Ion Ratio Lower Upper
106 100
91 197.0 148.0 274.8



#55
Styrene
Concen: 1.954 ug/L
RT: 9.554 min Scan# 2648
Delta R.T. 0.003 min
Lab File: VV029424.D
Acq: 07 Dec 2022 17:56

Tgt Ion:104 Resp: 19440
Ion Ratio Lower Upper
104 100
78 42.2 29.4 54.6





#57

1,1,2,2-Tetrachloroethane

Concen: 2.272 ug/L

RT: 10.233 min Scan# 2859

Delta R.T. 0.000 min

Lab File: VV029424.D

Acq: 07 Dec 2022 17:56

Instrument :

MSVOA_V

ClientSampleId :

MDL03

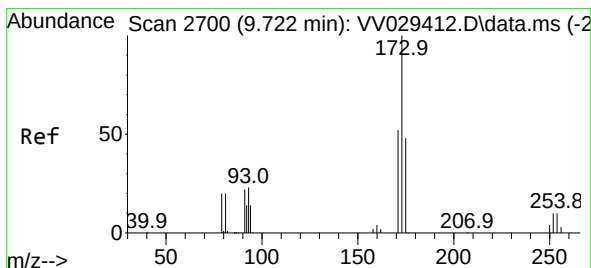
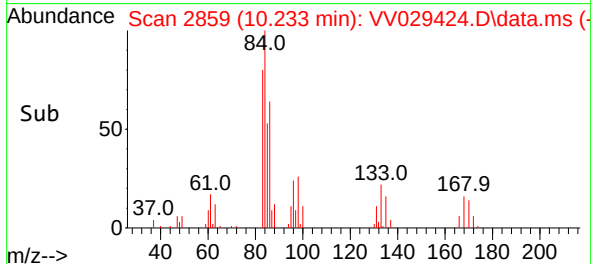
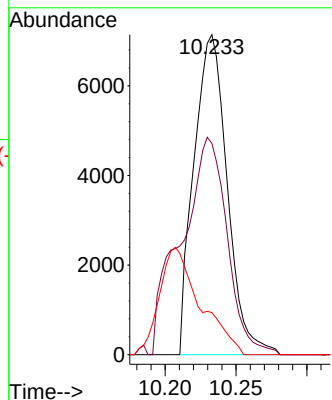
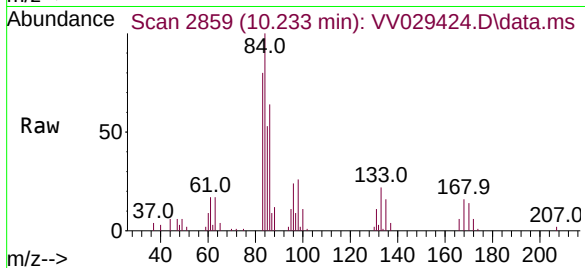
Tgt Ion: 83 Resp: 11713

Ion Ratio Lower Upper

83 100

85 66.0 45.7 84.9

131 13.1 7.9 11.9#



#59

Bromoform

Concen: 2.080 ug/L

RT: 9.725 min Scan# 2701

Delta R.T. 0.003 min

Lab File: VV029424.D

Acq: 07 Dec 2022 17:56

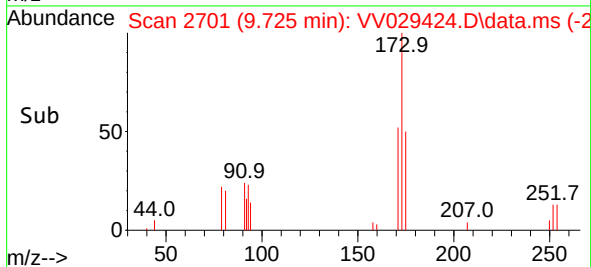
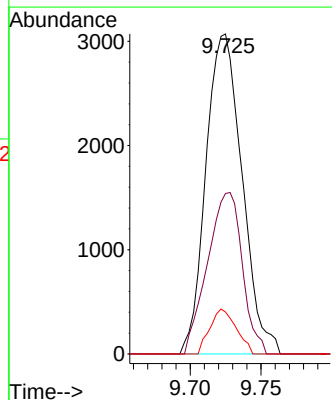
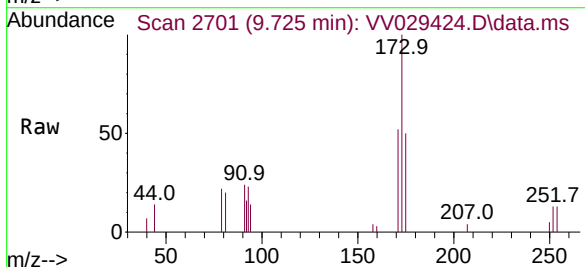
Tgt Ion: 173 Resp: 5452

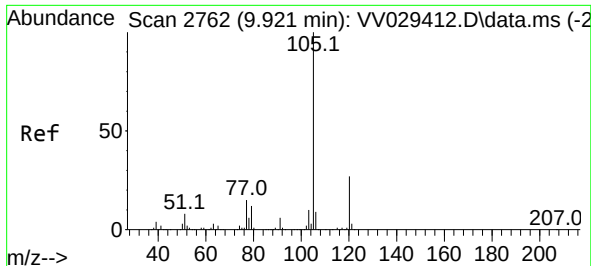
Ion Ratio Lower Upper

173 100

175 48.5 38.4 57.6

254 10.2 7.8 11.8

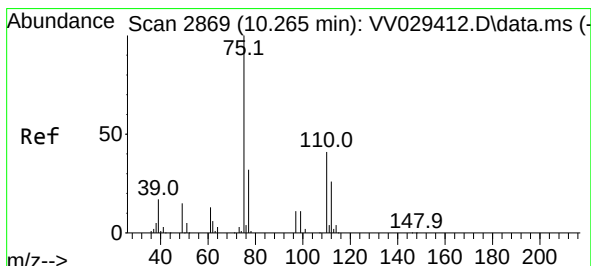
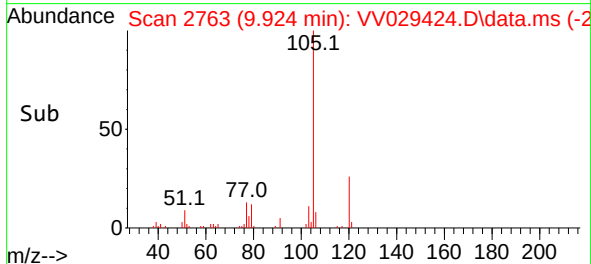
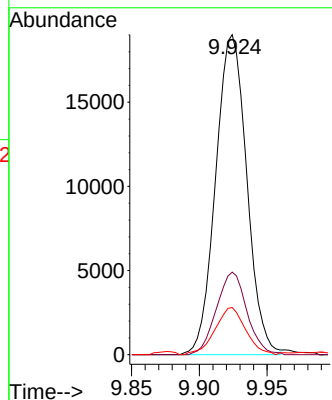
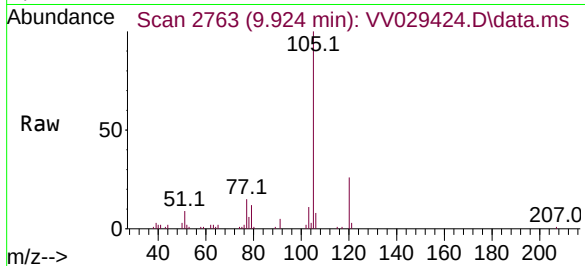




#60
Isopropylbenzene
Concen: 2.178 ug/L
RT: 9.924 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV029424.D
Acq: 07 Dec 2022 17:56

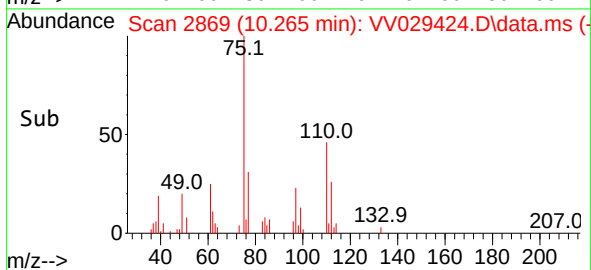
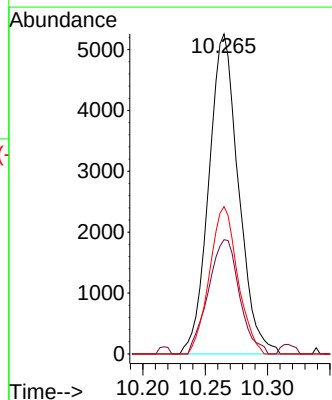
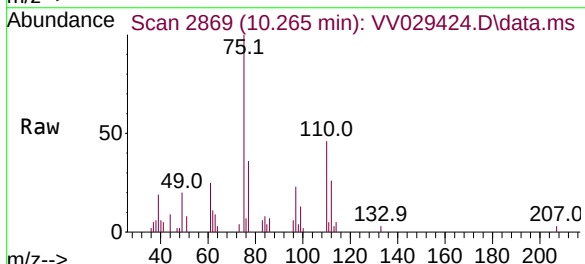
Instrument :
MSVOA_V
ClientSampleId :
MDL03

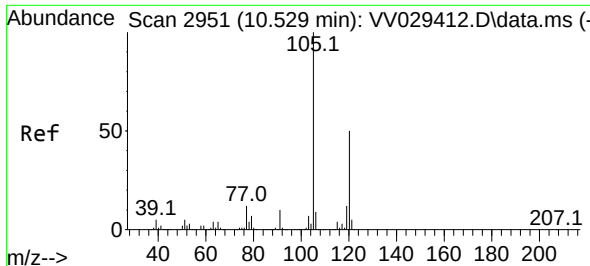
Tgt Ion:	105	Resp:	30344
Ion	Ratio	Lower	Upper
105	100		
120	25.2	21.1	31.7
77	14.5	11.6	17.4



#61
1,2,3-Trichloropropane
Concen: 2.380 ug/L
RT: 10.265 min Scan# 2869
Delta R.T. 0.000 min
Lab File: VV029424.D
Acq: 07 Dec 2022 17:56

Tgt Ion:	75	Resp:	8716
Ion	Ratio	Lower	Upper
75	100		
77	37.3	25.4	38.2
110	43.7	32.7	49.1

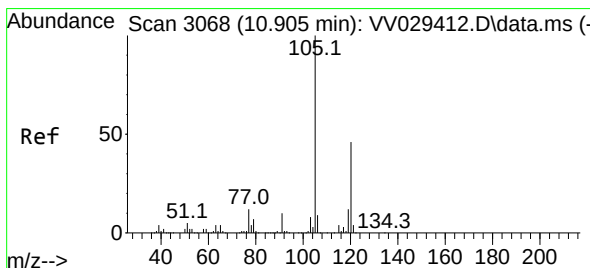
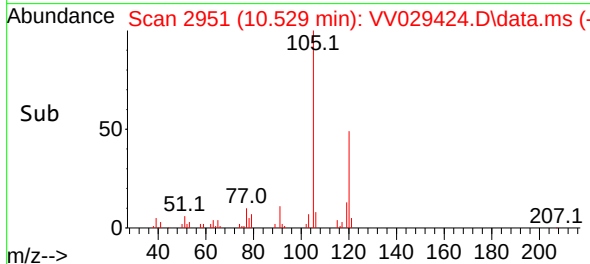
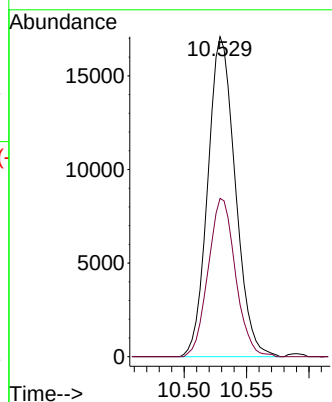
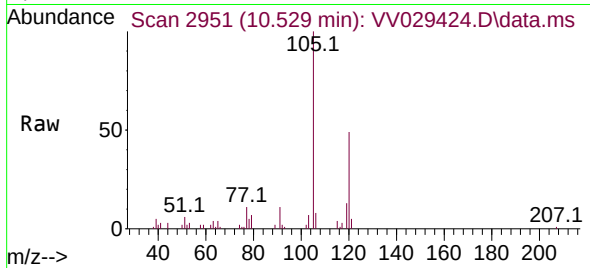




#62
1,3,5-Trimethylbenzene
Concen: 2.134 ug/L
RT: 10.529 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VV029424.D
Acq: 07 Dec 2022 17:56

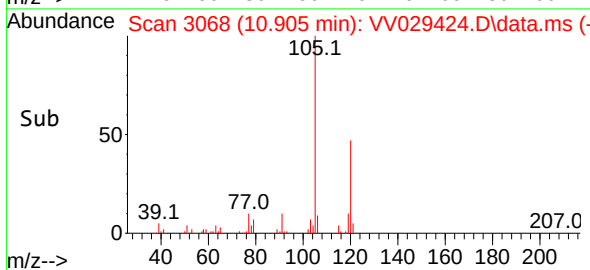
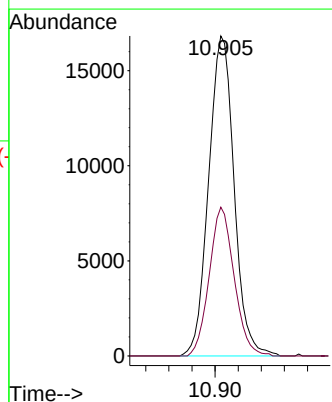
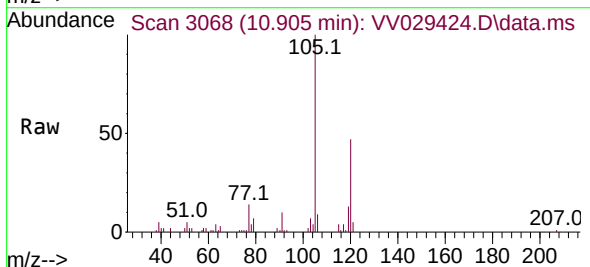
Instrument :
MSVOA_V
ClientSampleId :
MDL03

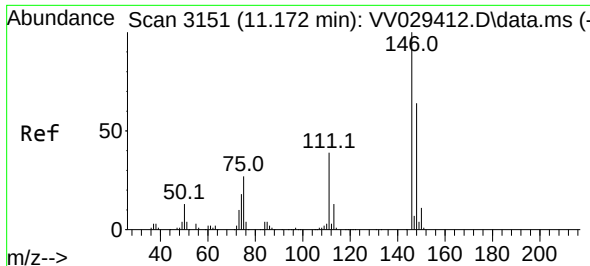
Tgt Ion:105 Resp: 26291
Ion Ratio Lower Upper
105 100
120 48.9 40.0 60.0



#63
1,2,4-Trimethylbenzene
Concen: 2.107 ug/L
RT: 10.905 min Scan# 3068
Delta R.T. 0.000 min
Lab File: VV029424.D
Acq: 07 Dec 2022 17:56

Tgt Ion:105 Resp: 25728
Ion Ratio Lower Upper
105 100
120 45.5 36.7 55.1

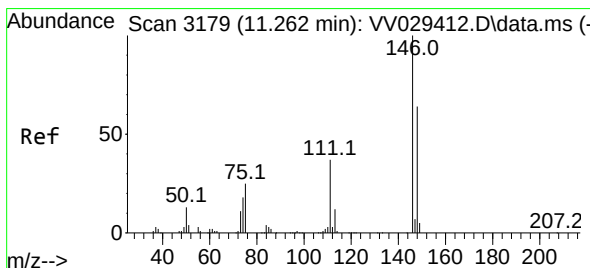
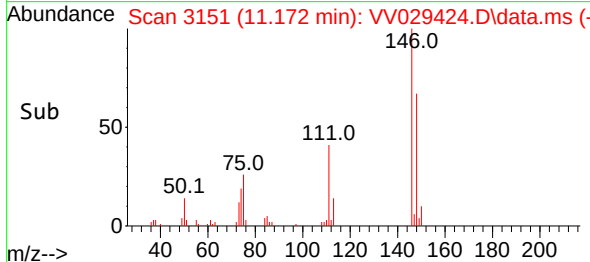
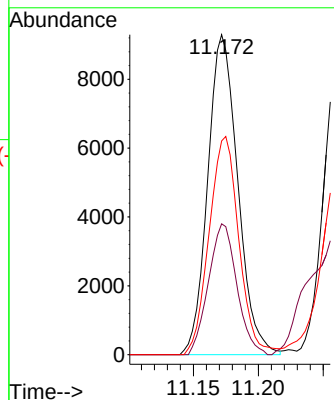
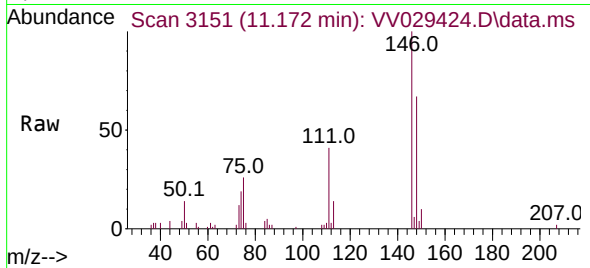




#64
1,3-Dichlorobenzene
Concen: 2.193 ug/L
RT: 11.172 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VV029424.D
Acq: 07 Dec 2022 17:56

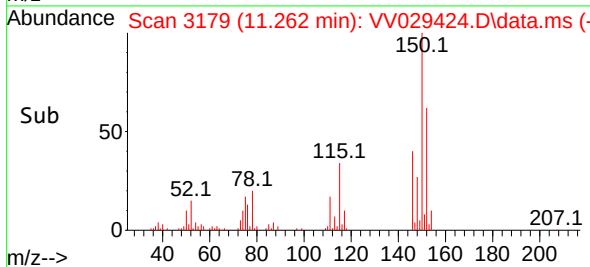
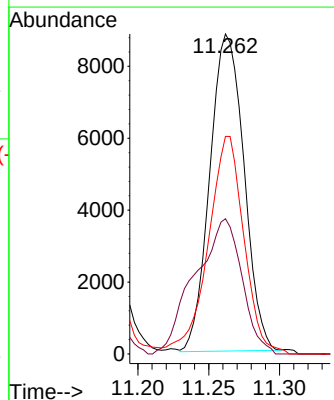
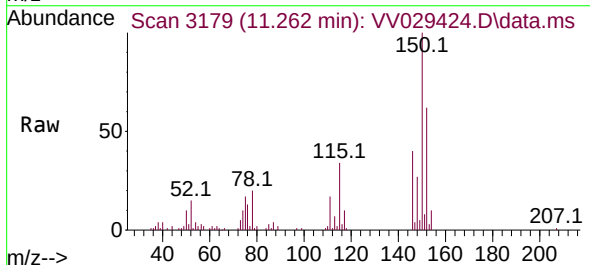
Instrument :
MSVOA_V
ClientSampleId :
MDL03

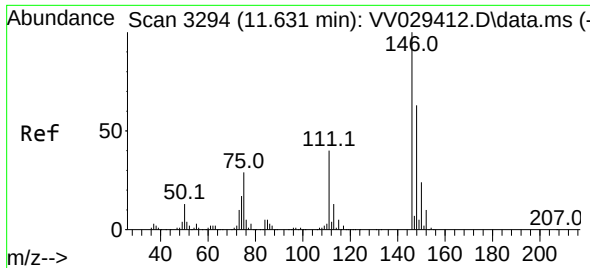
Tgt Ion:146 Resp: 14939
Ion Ratio Lower Upper
146 100
111 40.9 27.4 51.0
148 66.8 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 2.139 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. 0.000 min
Lab File: VV029424.D
Acq: 07 Dec 2022 17:56

Tgt Ion:146 Resp: 14808
Ion Ratio Lower Upper
146 100
111 42.2 26.2 48.8
148 68.0 44.7 83.1

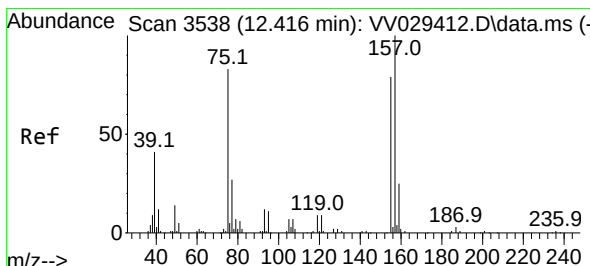
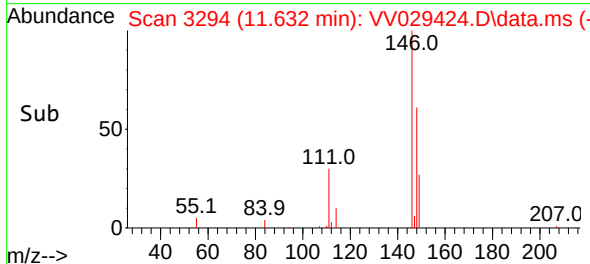
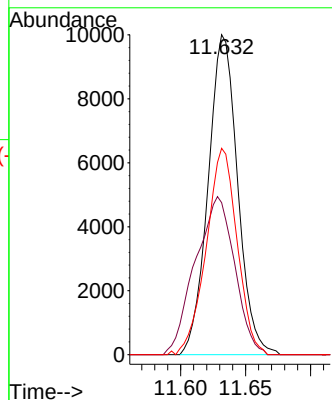
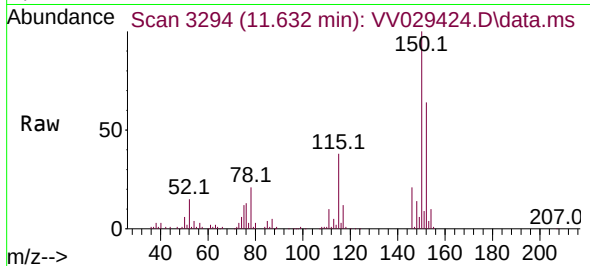




#67
1,2-Dichlorobenzene
Concen: 2.271 ug/L
RT: 11.632 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV029424.D
Acq: 07 Dec 2022 17:56

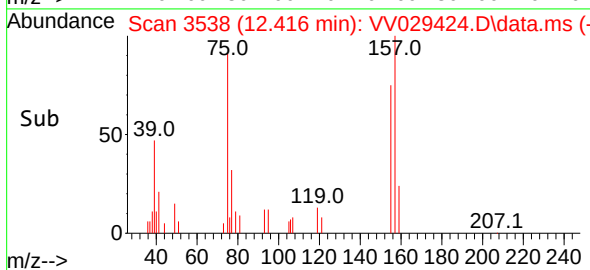
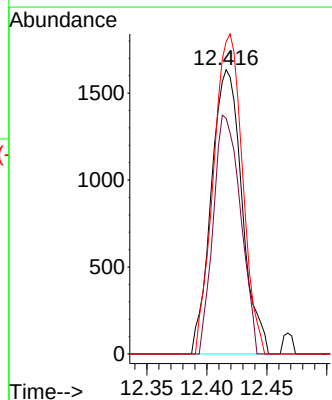
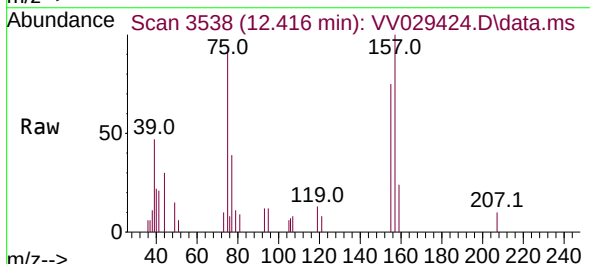
Instrument :
MSVOA_V
ClientSampleId :
MDL03

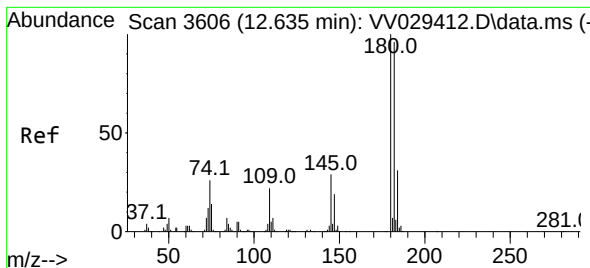
Tgt Ion:146	Resp:	15815
Ion Ratio	Lower	Upper
146	100	
111	47.5	32.0 48.0
148	64.5	50.6 76.0



#68
1,2-Dibromo-3-chloropropane
Concen: 2.553 ug/L
RT: 12.416 min Scan# 3538
Delta R.T. 0.000 min
Lab File: VV029424.D
Acq: 07 Dec 2022 17:56

Tgt Ion: 75	Resp:	2906
Ion Ratio	Lower	Upper
75	100	
155	82.9	76.2 114.2
157	109.8	96.0 144.0





#69

1,3,5-Trichlorobenzene

Concen: 2.111 ug/L

RT: 12.635 min Scan# 3606

Delta R.T. 0.000 min

Lab File: VV029424.D

Acq: 07 Dec 2022 17:56

Instrument :

MSVOA_V

ClientSampleId :

MDL03

Tgt Ion:180 Resp: 11442

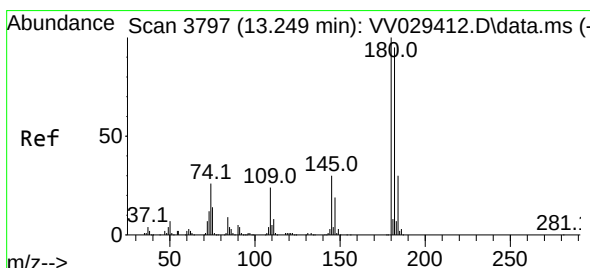
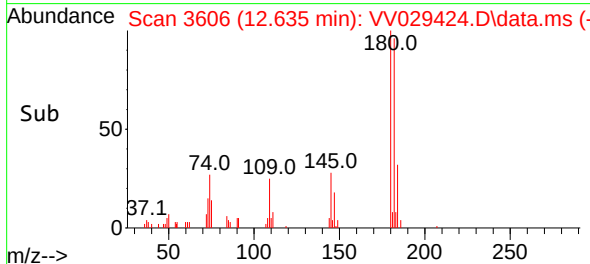
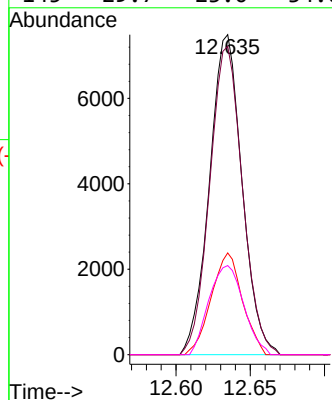
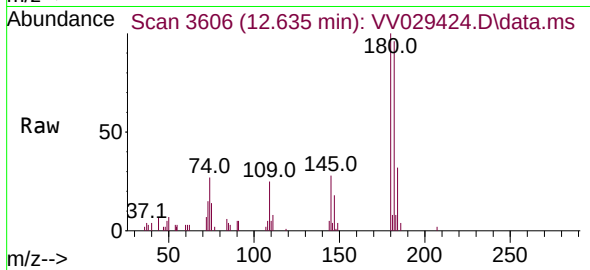
Ion Ratio Lower Upper

180 100

182 96.5 76.5 114.7

184 30.4 24.6 36.8

145 29.7 23.0 34.6



#70

1,2,4-trichlorobenzene

Concen: 2.215 ug/L

RT: 13.249 min Scan# 3797

Delta R.T. 0.000 min

Lab File: VV029424.D

Acq: 07 Dec 2022 17:56

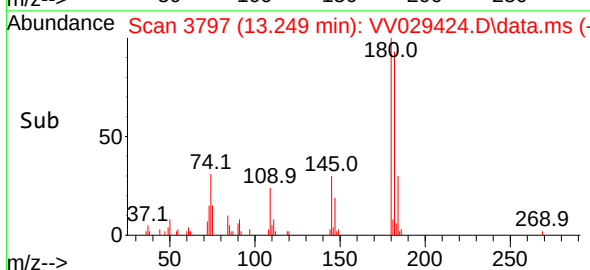
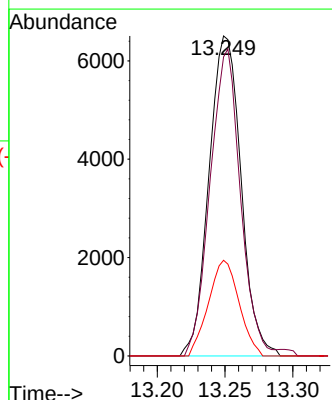
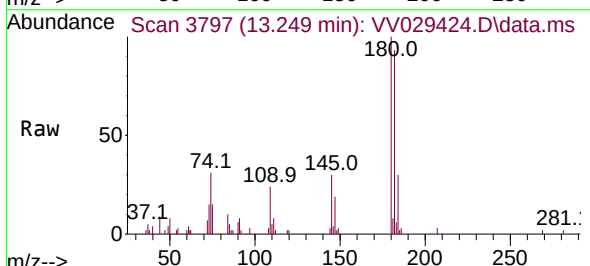
Tgt Ion:180 Resp: 10679

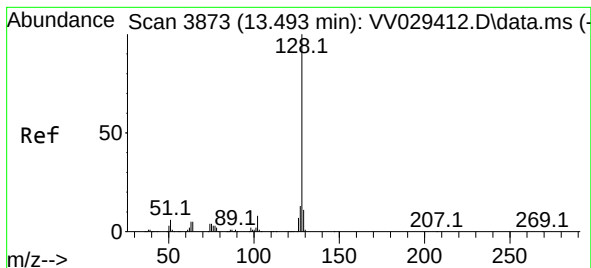
Ion Ratio Lower Upper

180 100

182 90.8 76.3 114.5

145 28.6 23.7 35.5





#71

Naphthalene

Concen: 2.009 ug/L

RT: 13.496 min Scan# 3873

Delta R.T. 0.003 min

Lab File: VV029424.D

Acq: 07 Dec 2022 17:56

Instrument :

MSVOA_V

ClientSampleId :

MDL03

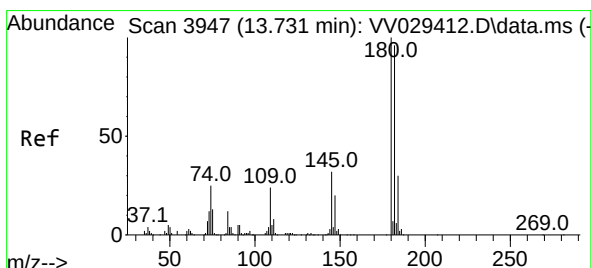
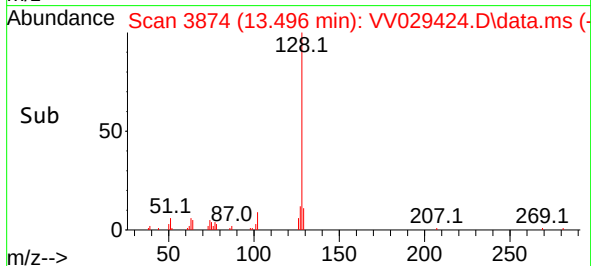
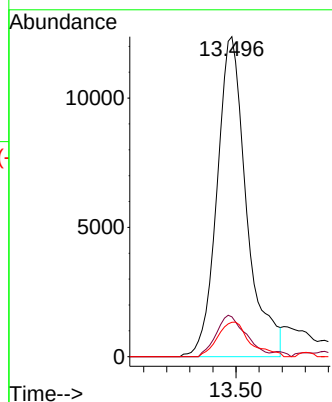
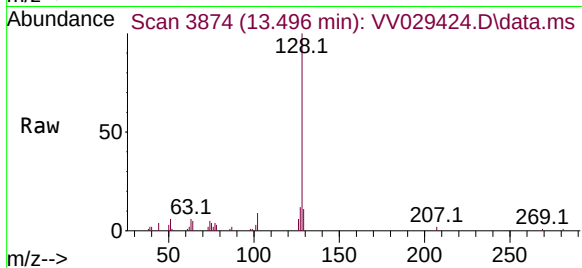
Tgt Ion:128 Resp: 21962

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 11.8 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 2.164 ug/L

RT: 13.734 min Scan# 3948

Delta R.T. 0.003 min

Lab File: VV029424.D

Acq: 07 Dec 2022 17:56

Tgt Ion:180 Resp: 10215

Ion Ratio Lower Upper

180 100

182 96.1 76.4 114.6

145 31.2 25.0 37.6

