

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120722\
 Data File : VW029426.D
 Acq On : 07 Dec 2022 18:44
 Operator : SY/MD
 Sample : MDL02
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL02

Quant Time: Dec 08 01:36:00 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	502911	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	453543	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	235818	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	137187	44.547	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.100%
7) Chloroethane-d5	1.561	69	107591	45.817	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.640%
11) 1,1-Dichloroethene-d2	2.105	63	167166	34.802	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.600%
21) 2-Butanone-d5	3.867	46	198685	105.760	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.760%
24) Chloroform-d	4.339	84	261246	45.079	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.160%
26) 1,2-Dichloroethane-d4	5.024	65	159353	48.145	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.280%
32) Benzene-d6	5.043	84	574978	47.978	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.960%
36) 1,2-Dichloropropane-d6	6.063	67	175798	48.024	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.040%
41) Toluene-d8	7.307	98	526723	46.647	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.300%
43) trans-1,3-Dichloroprop...	7.612	79	84346	45.630	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.260%
47) 2-Hexanone-d5	8.082	63	167267	107.006	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.010%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	250809	47.947	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.900%
66) 1,2-Dichlorobenzene-d4	11.612	152	214715	47.831	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.660%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	9097	2.296	ug/L	97
3) Chloromethane	1.240	50	10538	2.333	ug/L	100
5) Vinyl chloride	1.307	62	8719	2.307	ug/L #	65
6) Bromomethane	1.516	94	4223	2.777	ug/L	94
8) Chloroethane	1.581	64	4689	2.228	ug/L	89
9) Trichlorofluoromethane	1.751	101	9946	2.103	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	7644	2.908	ug/L #	81
12) 1,1-Dichloroethene	2.114	96	7006	2.606	ug/L #	1
13) Acetone	2.156	43	5850	4.780	ug/L	99
14) Carbon disulfide	2.291	76	19557	2.186	ug/L	96
15) Methyl Acetate	2.429	43	6053	2.171	ug/L	98
16) Methylene chloride	2.503	84	9444	2.826	ug/L	96
17) trans-1,2-Dichloroethene	2.757	96	6638	2.143	ug/L	98
18) Methyl tert-butyl Ether	2.764	73	20624	2.173	ug/L	97
19) 1,1-Dichloroethane	3.185	63	11688	2.203	ug/L	97
20) cis-1,2-Dichloroethene	3.905	96	7502	2.203	ug/L	90
22) 2-Butanone	3.982	43	3005	1.543	ug/L	90
23) Bromochloromethane	4.243	128	1683	0.960	ug/L	91
25) Chloroform	4.368	83	12504	2.273	ug/L	97

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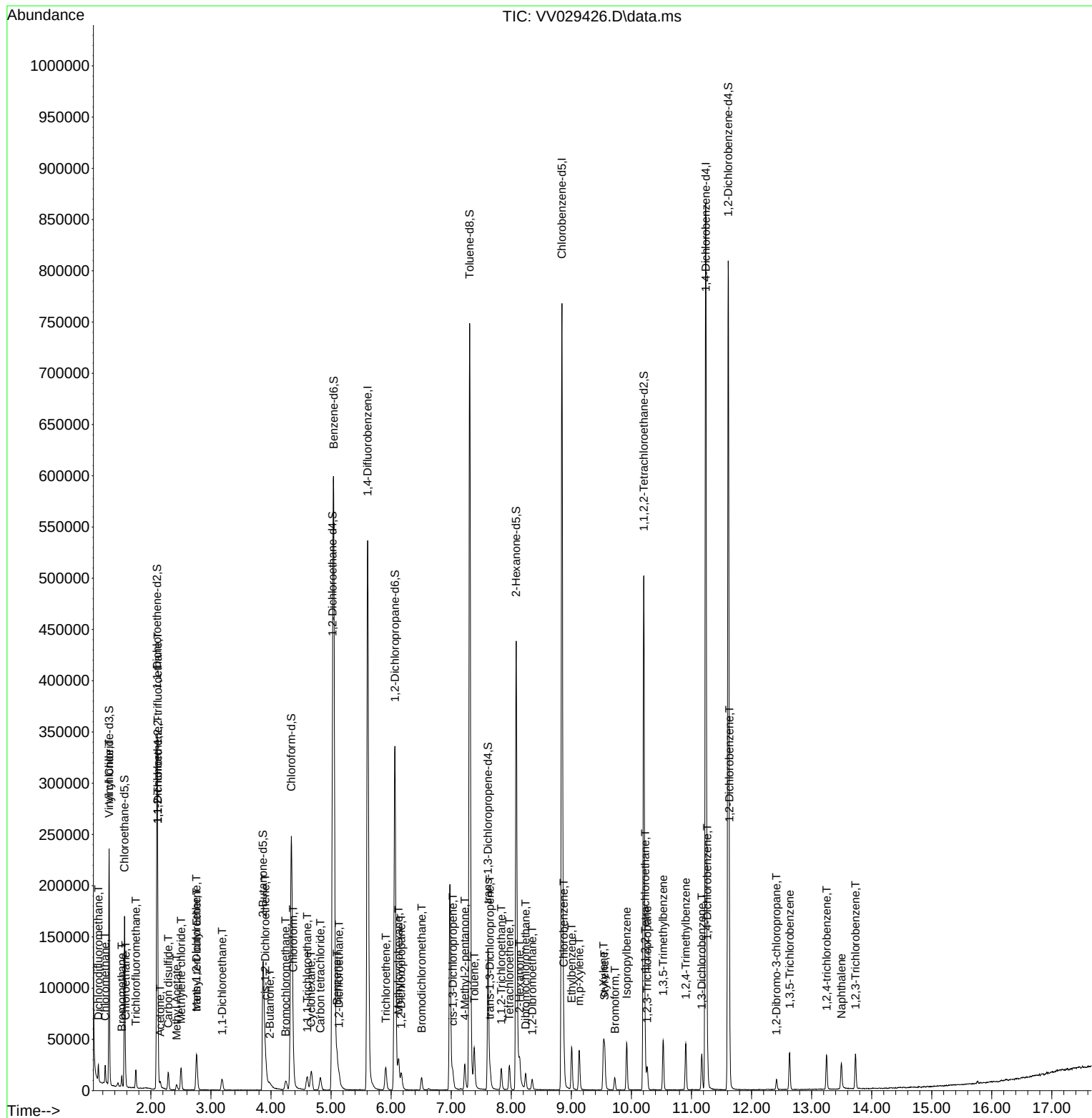
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	9002	2.317	ug/L	99
29) Cyclohexane	4.667	56	11001	2.239	ug/L	97
30) 1,1,1-Trichloroethane	4.606	97	11018	2.230	ug/L	97
31) Carbon tetrachloride	4.822	117	9182	2.128	ug/L	97
33) Benzene	5.098	78	28010	2.191	ug/L	100
34) Trichloroethene	5.912	95	7118	2.222	ug/L	99
35) Methylcyclohexane	6.124	83	12606	2.317	ug/L	94
37) 1,2-Dichloropropane	6.169	63	6496	2.105	ug/L	97
38) Bromodichloromethane	6.510	83	9048	2.124	ug/L	95
39) cis-1,3-Dichloropropene	7.027	75	9558	1.884	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	16635	4.522	ug/L	97
42) Toluene	7.384	91	29850	2.169	ug/L	97
44) trans-1,3-Dichloropropene	7.645	75	9763	2.032	ug/L	89
45) 1,1,2-Trichloroethane	7.834	97	7059	2.214	ug/L	99
46) Tetrachloroethene	7.969	164	5738	2.228	ug/L	91
48) 2-Hexanone	8.140	43	15899	5.657	ug/L #	89
49) Dibromochloromethane	8.239	129	7512	2.134	ug/L	98
50) 1,2-Dibromoethane	8.349	107	7274	2.215	ug/L #	98
51) Chlorobenzene	8.873	112	19048	2.186	ug/L	97
52) Ethylbenzene	9.005	91	31258	2.161	ug/L	97
53) m,p-Xylene	9.130	106	12041	2.103	ug/L	90
54) o-Xylene	9.535	106	12096	2.136	ug/L	100
55) Styrene	9.555	104	20261	2.059	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.230	83	11891	2.332	ug/L #	96
59) Bromoform	9.725	173	5725	2.198	ug/L	98
60) Isopropylbenzene	9.921	105	30498	2.203	ug/L	98
61) 1,2,3-Trichloropropane	10.265	75	8943	2.457	ug/L	94
62) 1,3,5-Trimethylbenzene	10.529	105	26710	2.182	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	26085	2.150	ug/L	98
64) 1,3-Dichlorobenzene	11.172	146	15229	2.250	ug/L	96
65) 1,4-Dichlorobenzene	11.262	146	15919	2.314	ug/L	98
67) 1,2-Dichlorobenzene	11.632	146	15834	2.287	ug/L	93
68) 1,2-Dibromo-3-chloropr...	12.416	75	2851	2.520	ug/L	92
69) 1,3,5-Trichlorobenzene	12.635	180	12117	2.249	ug/L	97
70) 1,2,4-trichlorobenzene	13.249	180	10565	2.205	ug/L	96
71) Naphthalene	13.496	128	23869	2.197	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	10605	2.260	ug/L	98

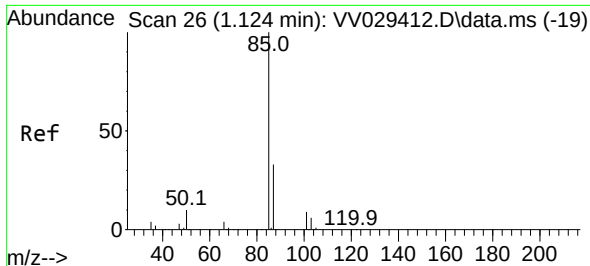
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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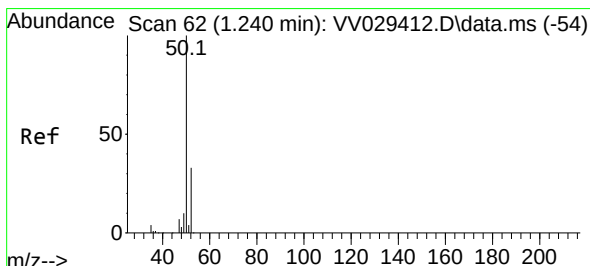
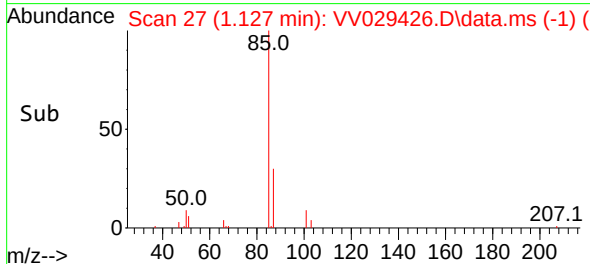
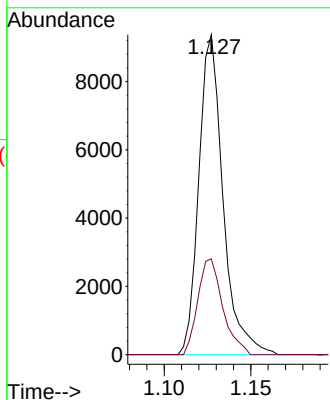
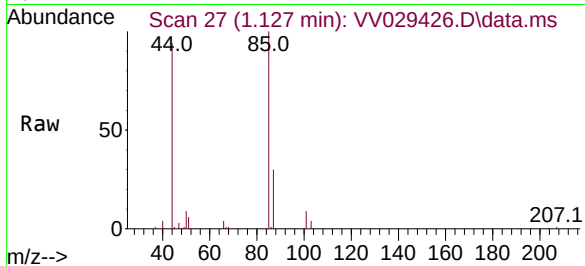




#2
 Dichlorodifluoromethane
 Concen: 2.296 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV029426.D
 Acq: 07 Dec 2022 18:44

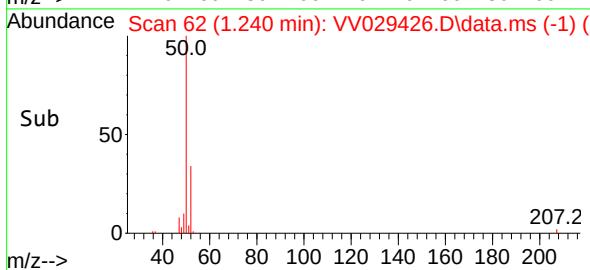
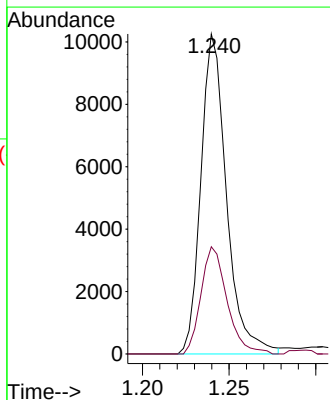
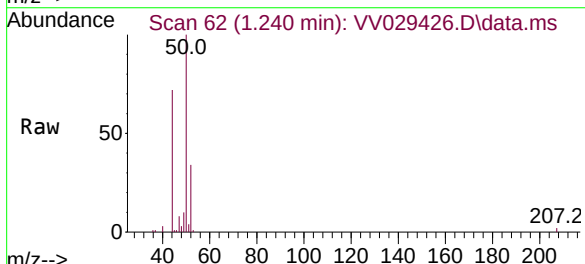
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL02

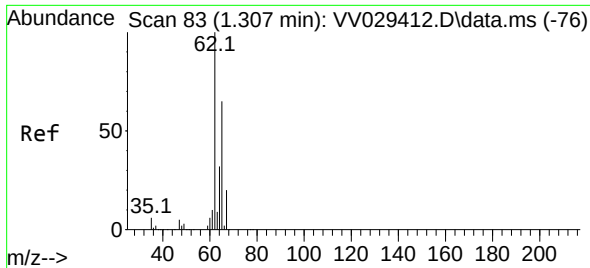
Tgt Ion: 85 Resp: 9097
 Ion Ratio Lower Upper
 85 100
 87 30.8 25.9 38.9



#3
 Chloromethane
 Concen: 2.333 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV029426.D
 Acq: 07 Dec 2022 18:44

Tgt Ion: 50 Resp: 10538
 Ion Ratio Lower Upper
 50 100
 52 33.5 23.3 43.3

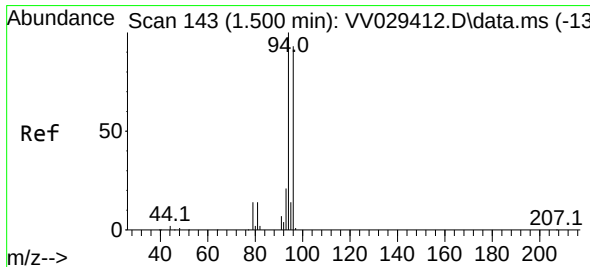
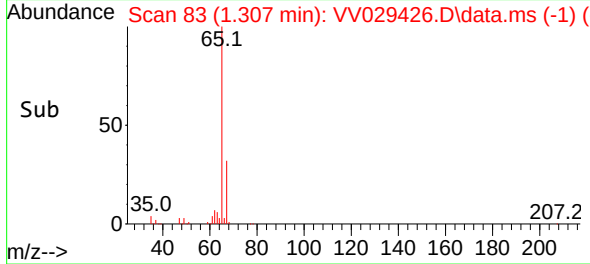
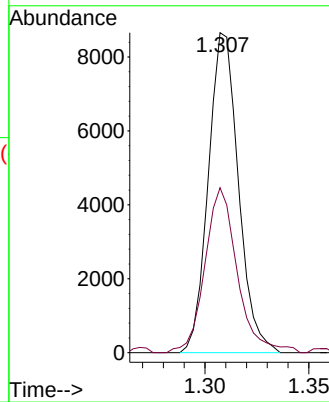
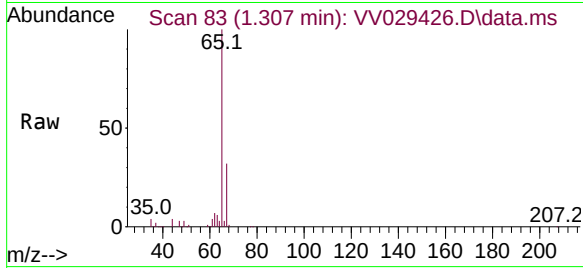




#5
 Vinyl chloride
 Concen: 2.307 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV029426.D
 Acq: 07 Dec 2022 18:44

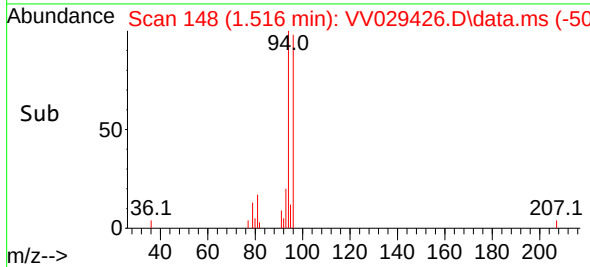
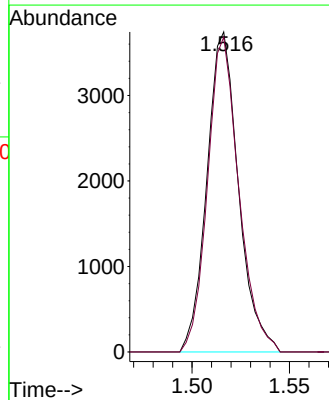
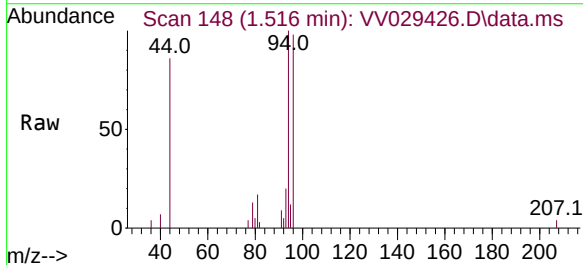
Instrument :
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 ClientSampleId :
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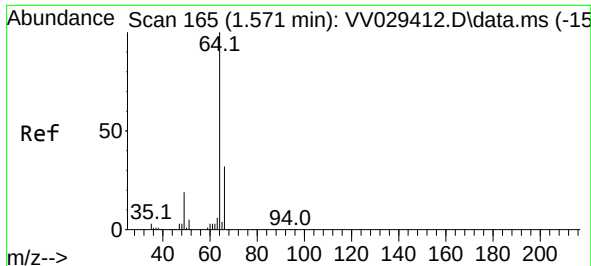
Tgt Ion: 62 Resp: 8719
 Ion Ratio Lower Upper
 62 100
 64 51.5 22.5 41.9#



#6
 Bromomethane
 Concen: 2.777 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.016 min
 Lab File: VV029426.D
 Acq: 07 Dec 2022 18:44

Tgt Ion: 94 Resp: 4223
 Ion Ratio Lower Upper
 94 100
 96 98.4 65.1 120.9

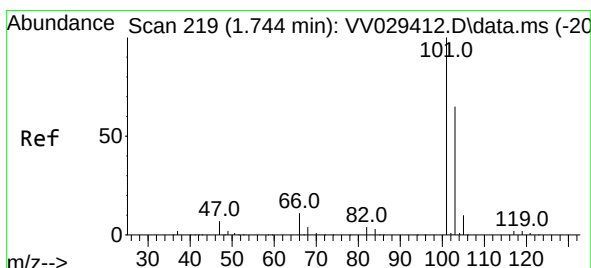
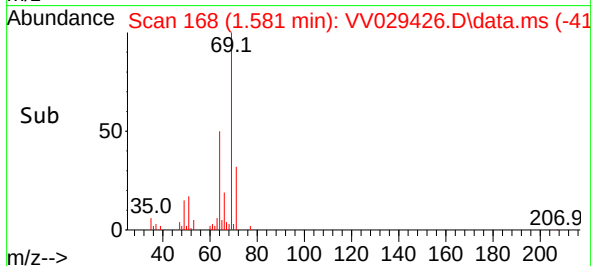
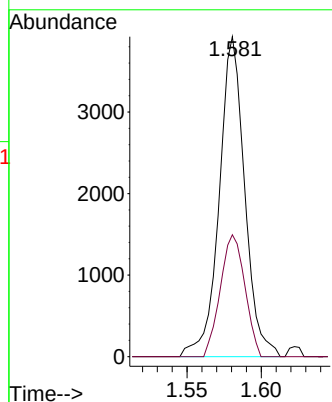
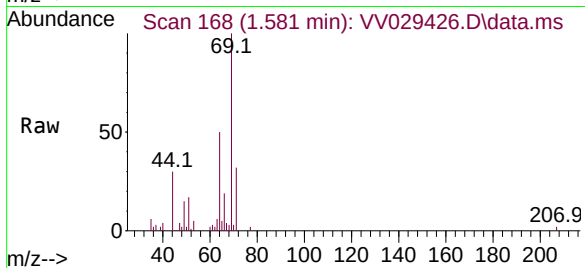




#8
Chloroethane
Concen: 2.228 ug/L
RT: 1.581 min Scan# 1
Delta R.T. 0.010 min
Lab File: VV029426.D
Acq: 07 Dec 2022 18:44

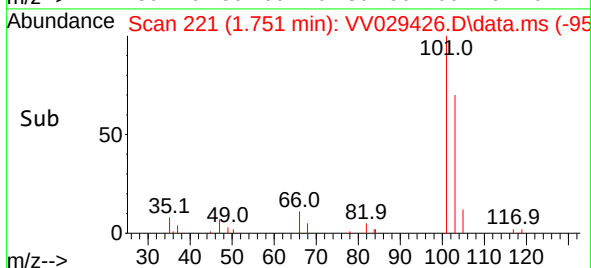
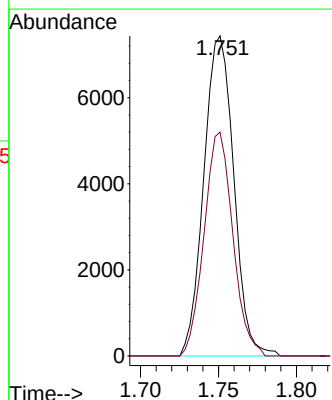
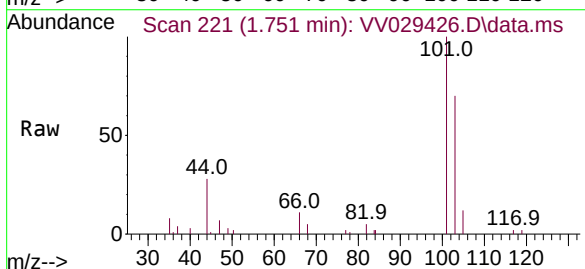
Instrument :
MSVOA_V
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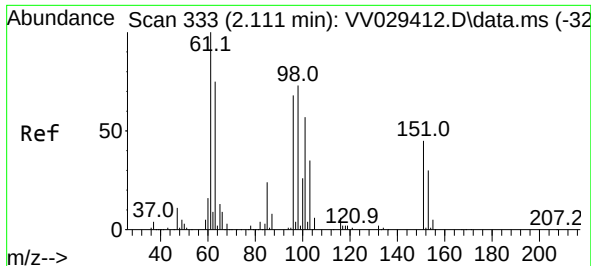
Tgt Ion: 64 Resp: 4689
Ion Ratio Lower Upper
64 100
66 38.1 22.5 41.9



#9
Trichlorofluoromethane
Concen: 2.103 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.007 min
Lab File: VV029426.D
Acq: 07 Dec 2022 18:44

Tgt Ion:101 Resp: 9946
Ion Ratio Lower Upper
101 100
103 67.1 51.8 77.8

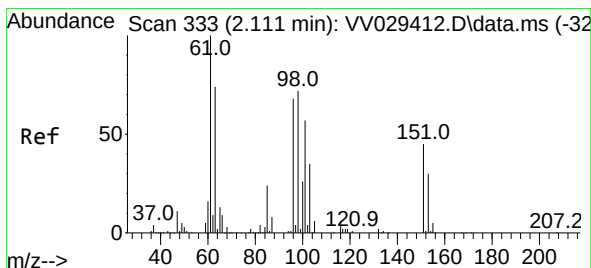
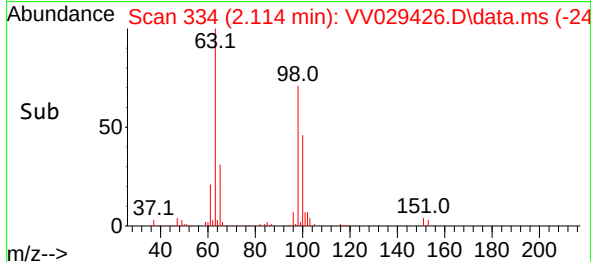
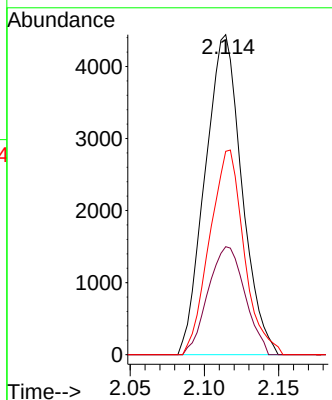
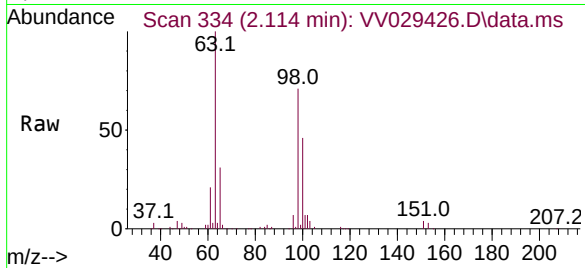




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.908 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.003 min
 Lab File: VV029426.D
 Acq: 07 Dec 2022 18:44

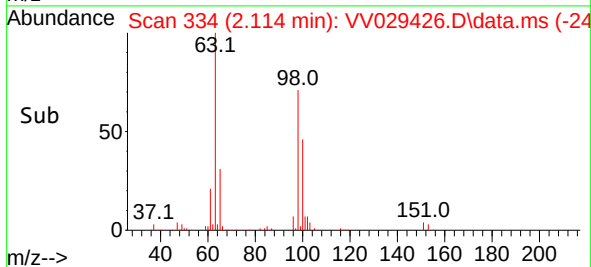
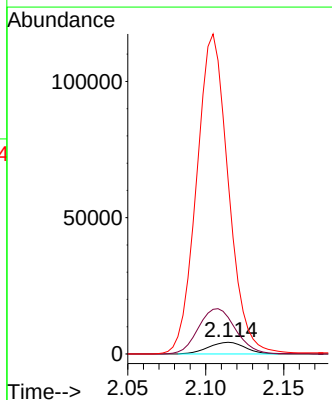
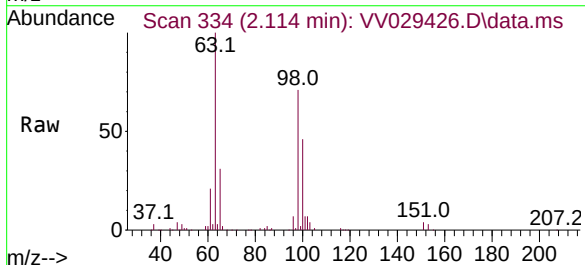
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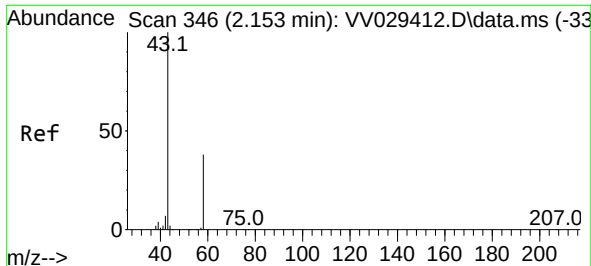
Tgt Ion:101 Resp: 7644
 Ion Ratio Lower Upper
 101 100
 85 33.8 33.6 50.4
 151 60.1 63.5 95.3#



#12
 1,1-Dichloroethene
 Concen: 2.606 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.003 min
 Lab File: VV029426.D
 Acq: 07 Dec 2022 18:44

Tgt Ion: 96 Resp: 7006
 Ion Ratio Lower Upper
 96 100
 61 314.1 103.3 191.9#
 63 1489.3 77.3 143.7#





#13

Acetone

Concen: 4.780 ug/L

RT: 2.156 min Scan# 34

Delta R.T. 0.003 min

Lab File: VV029426.D

Acq: 07 Dec 2022 18:44

Instrument :

MSVOA_V

ClientSampleId :

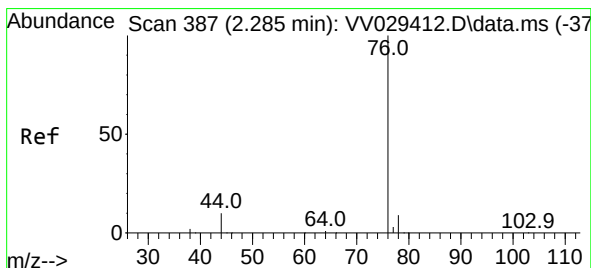
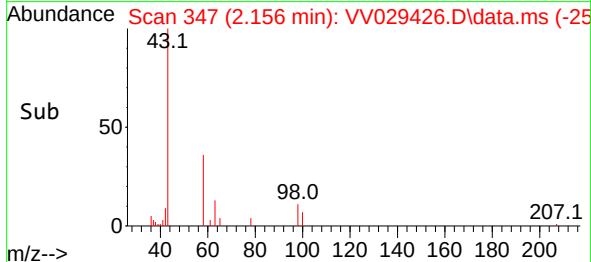
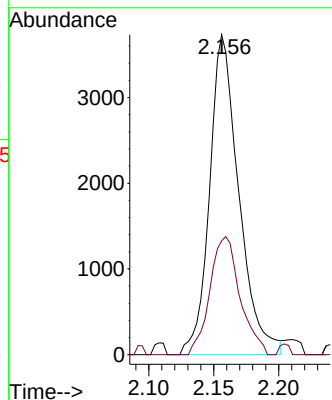
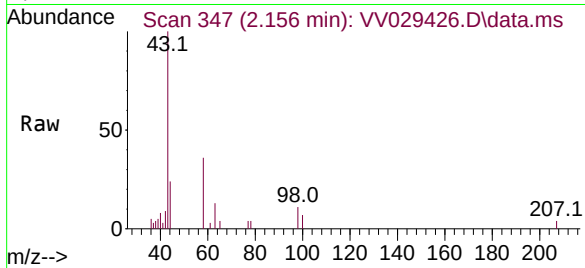
MDL02

Tgt Ion: 43 Resp: 5850

Ion Ratio Lower Upper

43 100

58 37.9 0.0 74.8



#14

Carbon disulfide

Concen: 2.186 ug/L

RT: 2.291 min Scan# 389

Delta R.T. 0.007 min

Lab File: VV029426.D

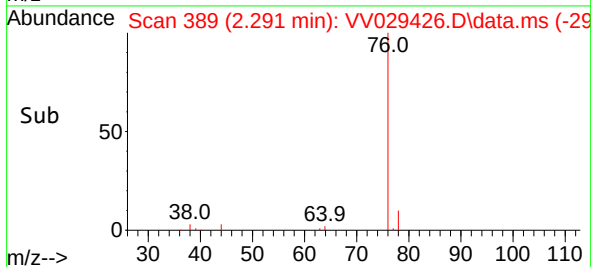
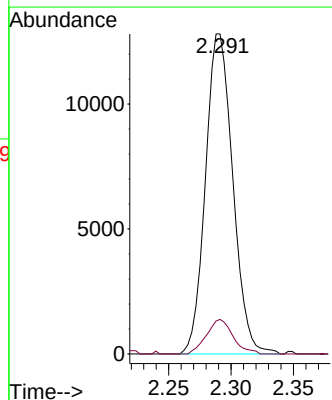
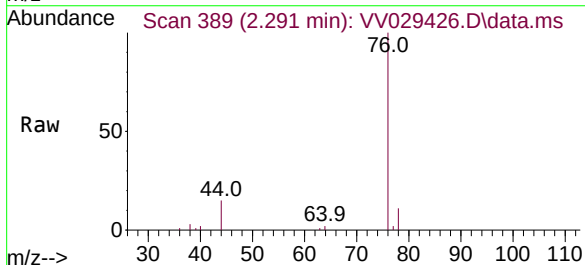
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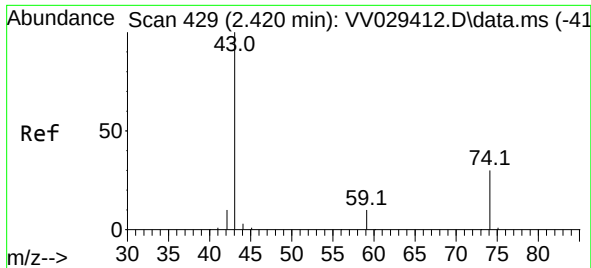
Tgt Ion: 76 Resp: 19557

Ion Ratio Lower Upper

76 100

78 10.8 7.4 11.2

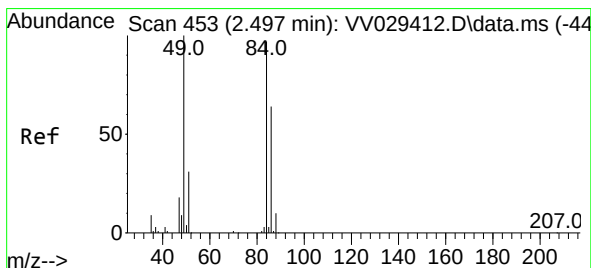
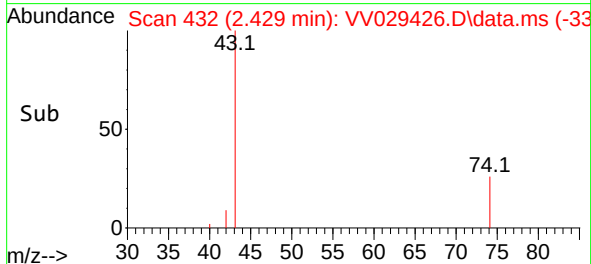
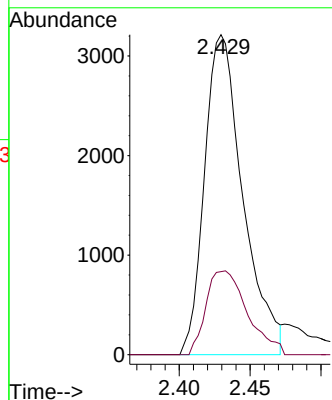
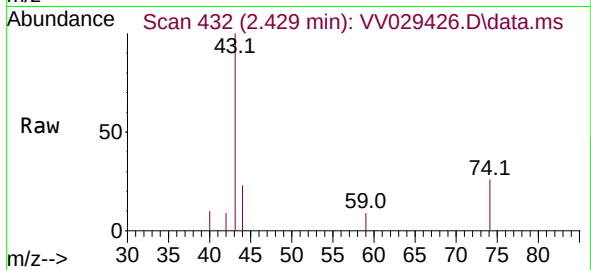




#15
Methyl Acetate
Concen: 2.171 ug/L
RT: 2.429 min Scan# 41
Delta R.T. 0.010 min
Lab File: VV029426.D
Acq: 07 Dec 2022 18:44

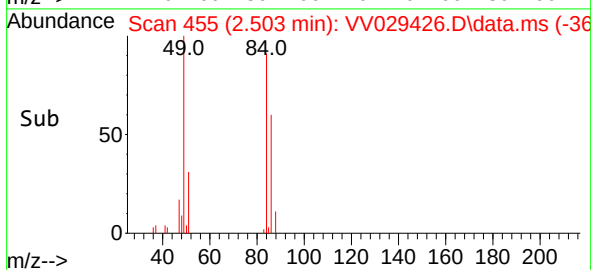
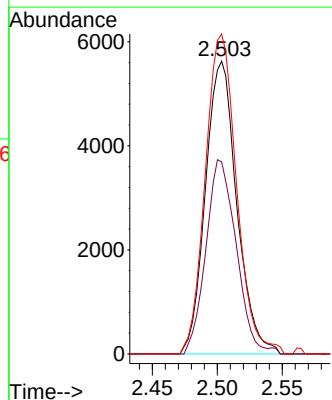
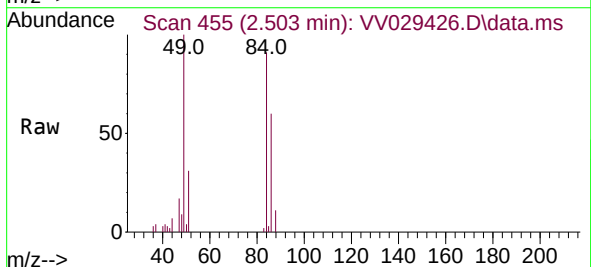
Instrument :
MSVOA_V
ClientSampleId :
MDL02

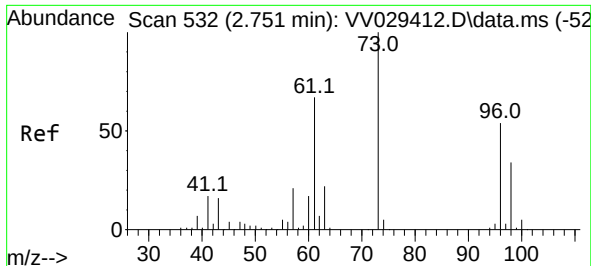
Tgt Ion: 43 Resp: 6053
Ion Ratio Lower Upper
43 100
74 28.2 23.5 35.3



#16
Methylene chloride
Concen: 2.826 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.007 min
Lab File: VV029426.D
Acq: 07 Dec 2022 18:44

Tgt Ion: 84 Resp: 9444
Ion Ratio Lower Upper
84 100
86 65.7 46.0 85.4
49 109.3 72.2 134.0

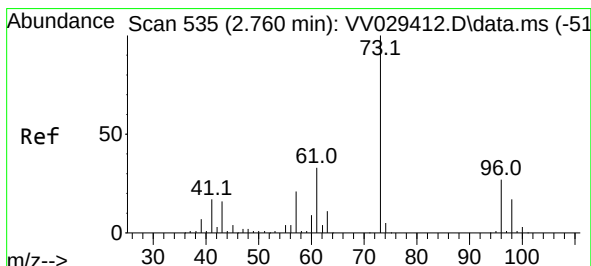
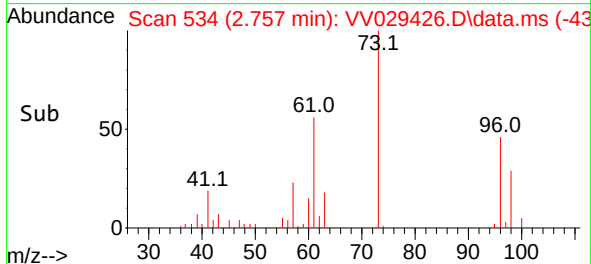
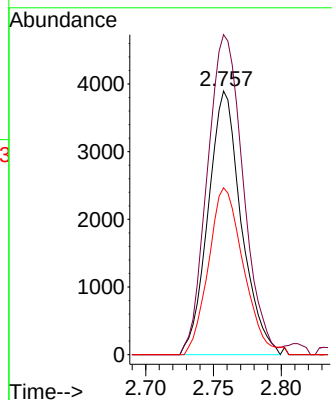
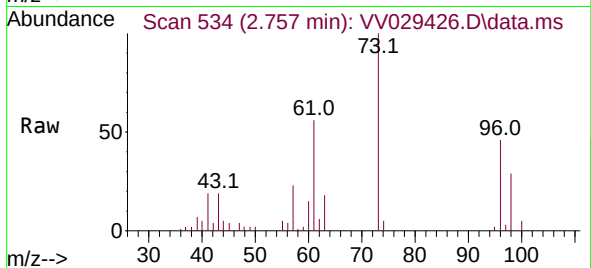




#17
trans-1,2-Dichloroethene
Concen: 2.143 ug/L
RT: 2.757 min Scan# 51
Delta R.T. 0.007 min
Lab File: VV029426.D
Acq: 07 Dec 2022 18:44

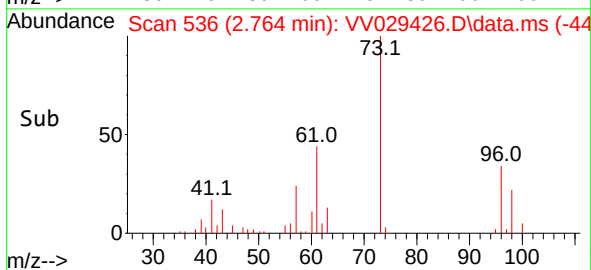
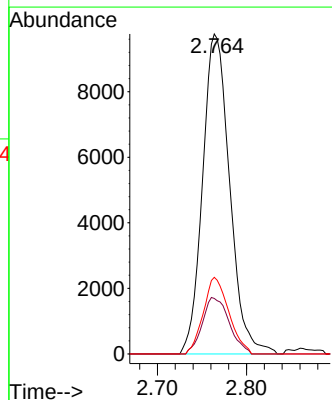
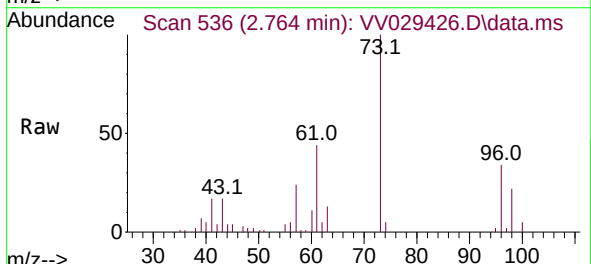
Instrument :
MSVOA_V
ClientSampleId :
MDL02

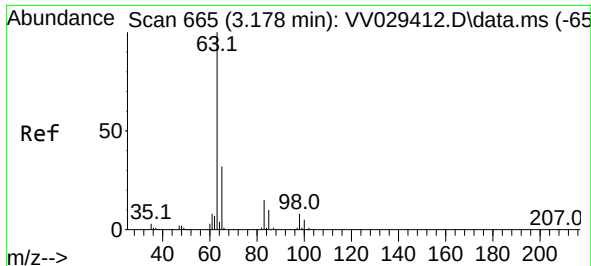
Tgt Ion: 96 Resp: 6638
Ion Ratio Lower Upper
96 100
61 121.4 86.4 160.4
98 63.3 43.4 80.6



#18
Methyl tert-butyl Ether
Concen: 2.173 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV029426.D
Acq: 07 Dec 2022 18:44

Tgt Ion: 73 Resp: 20624
Ion Ratio Lower Upper
73 100
43 17.4 12.7 19.1
57 22.5 16.7 25.1





#19

1,1-Dichloroethane

Concen: 2.203 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.007 min

Lab File: VV029426.D

Acq: 07 Dec 2022 18:44

Instrument :

MSVOA_V

ClientSampleId :

MDL02

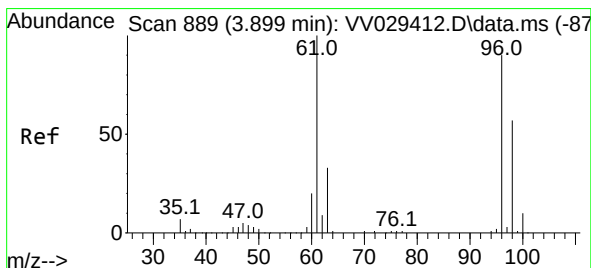
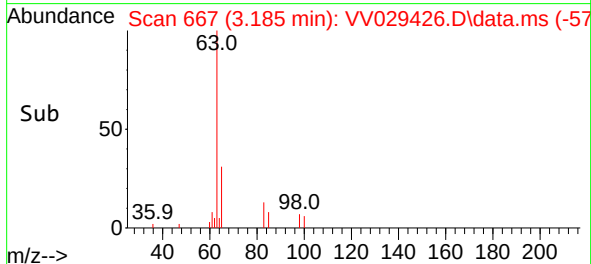
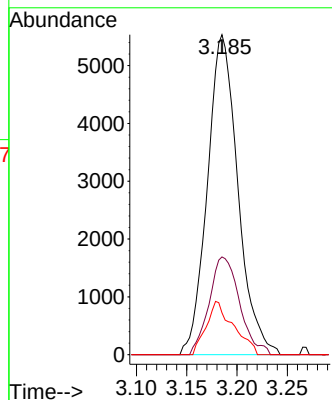
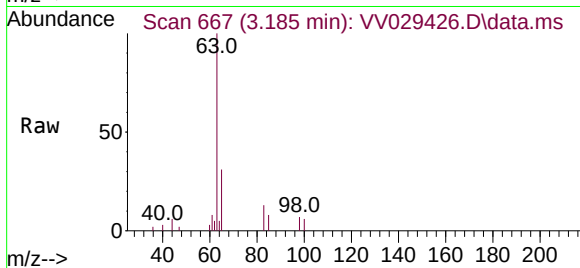
Tgt Ion: 63 Resp: 11688

Ion Ratio Lower Upper

63 100

65 30.5 22.5 41.7

83 13.1 10.4 19.2



#20

cis-1,2-Dichloroethene

Concen: 2.203 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.007 min

Lab File: VV029426.D

Acq: 07 Dec 2022 18:44

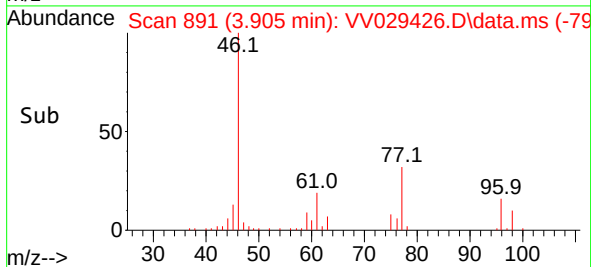
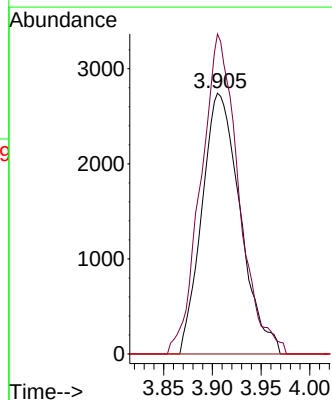
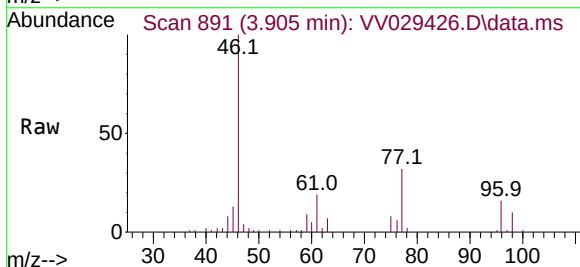
Tgt Ion: 96 Resp: 7502

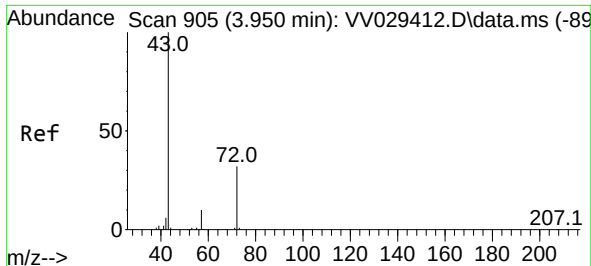
Ion Ratio Lower Upper

96 100

61 122.7 78.0 144.9

68 0.0 0.0 0.0

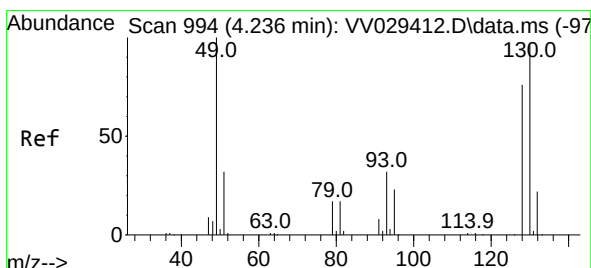
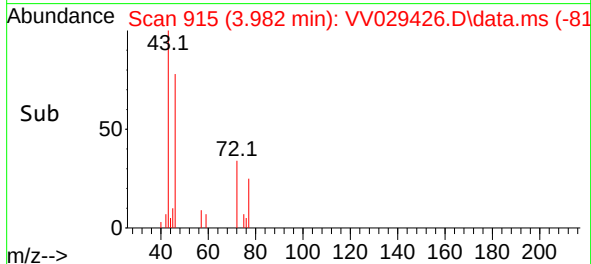
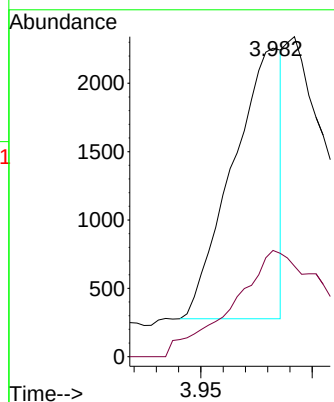
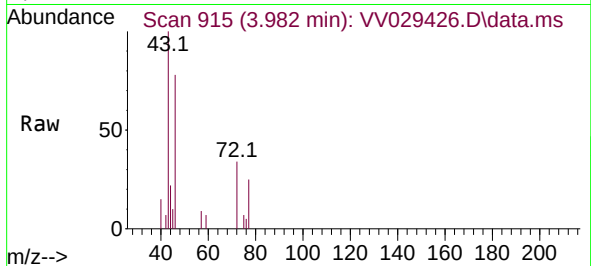




#22
2-Butanone
Concen: 1.543 ug/L
RT: 3.982 min Scan# 915
Delta R.T. 0.032 min
Lab File: VV029426.D
Acq: 07 Dec 2022 18:44

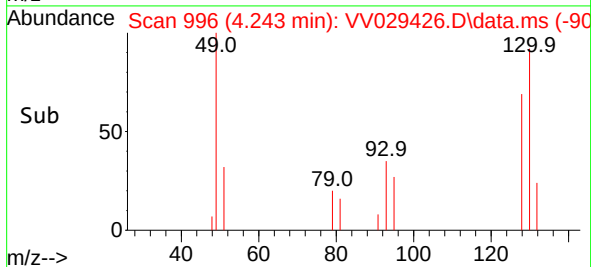
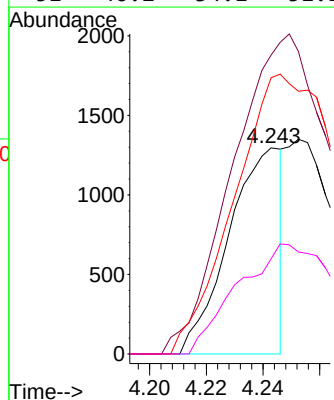
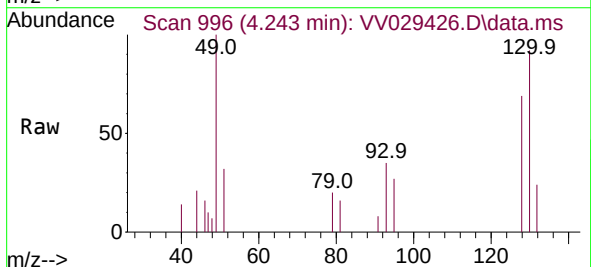
Instrument :
MSVOA_V
ClientSampleId :
MDL02

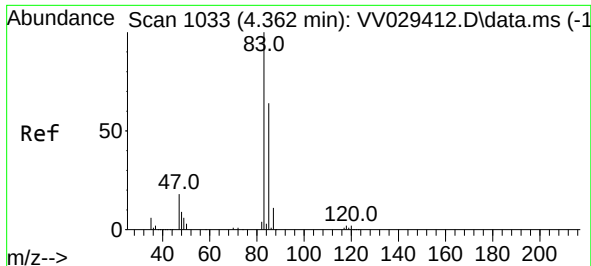
Tgt Ion: 43 Resp: 3005
Ion Ratio Lower Upper
43 100
72 37.3 15.9 47.6



#23
Bromochloromethane
Concen: 0.960 ug/L
RT: 4.243 min Scan# 996
Delta R.T. 0.007 min
Lab File: VV029426.D
Acq: 07 Dec 2022 18:44

Tgt Ion:128 Resp: 1683
Ion Ratio Lower Upper
128 100
49 145.0 92.2 171.2
130 134.0 88.3 164.1
51 46.2 34.1 51.1

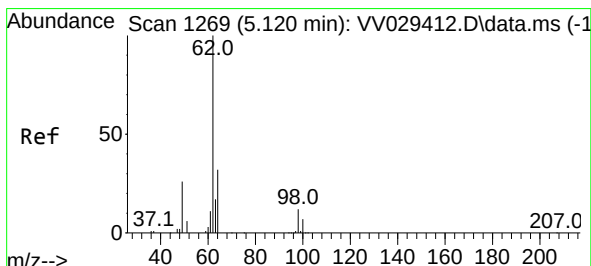
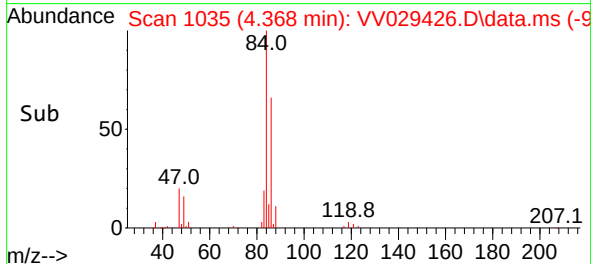
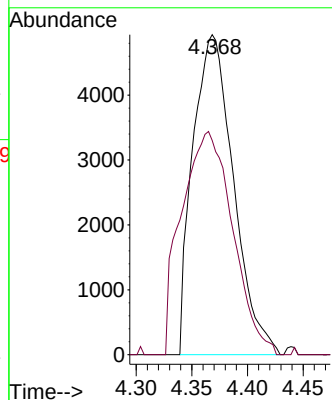
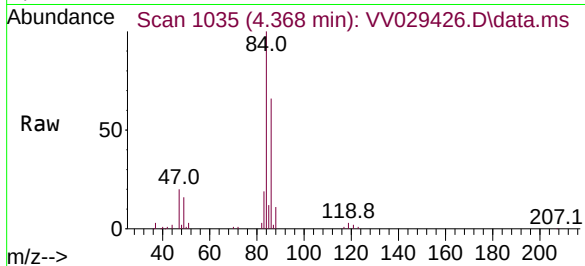




#25
Chloroform
Concen: 2.273 ug/L
RT: 4.368 min Scan# 1033
Delta R.T. 0.007 min
Lab File: VV029426.D
Acq: 07 Dec 2022 18:44

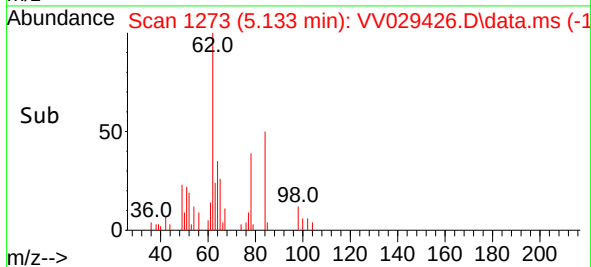
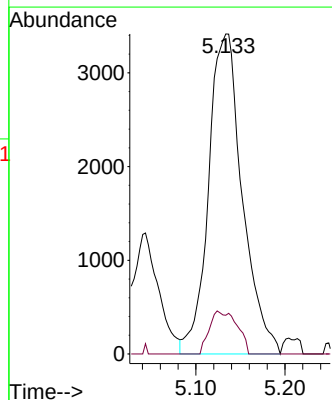
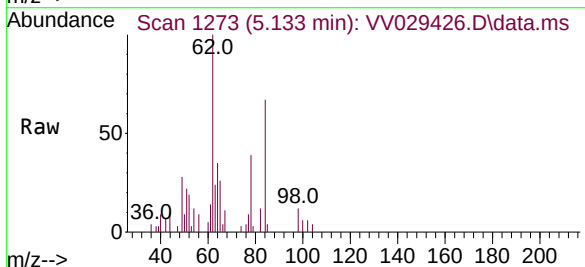
Instrument :
MSVOA_V
ClientSampleId :
MDL02

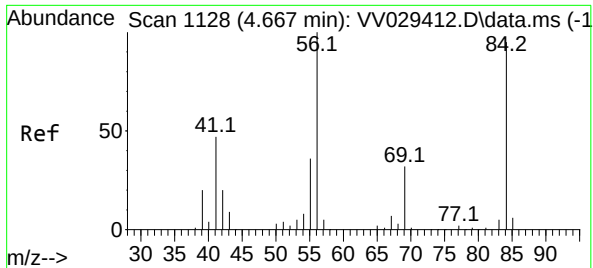
Tgt Ion: 83 Resp: 12504
Ion Ratio Lower Upper
83 100
85 67.0 45.1 83.9



#27
1,2-Dichloroethane
Concen: 2.317 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. 0.013 min
Lab File: VV029426.D
Acq: 07 Dec 2022 18:44

Tgt Ion: 62 Resp: 9002
Ion Ratio Lower Upper
62 100
98 12.1 9.4 14.0





#29

Cyclohexane

Concen: 2.239 ug/L

RT: 4.667 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VV029426.D

Acq: 07 Dec 2022 18:44

Instrument :

MSVOA_V

ClientSampleId :

MDL02

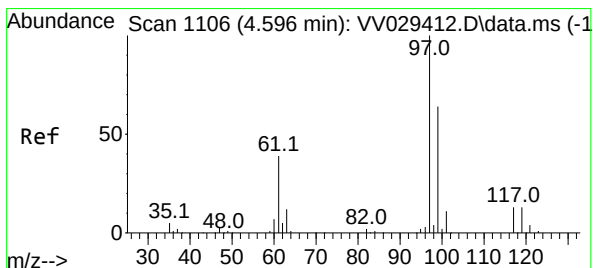
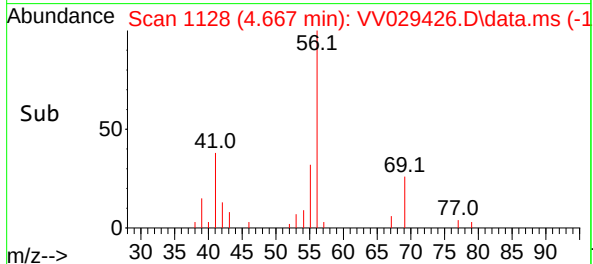
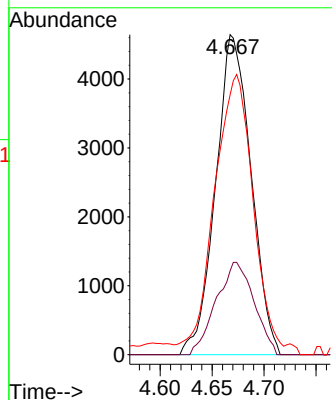
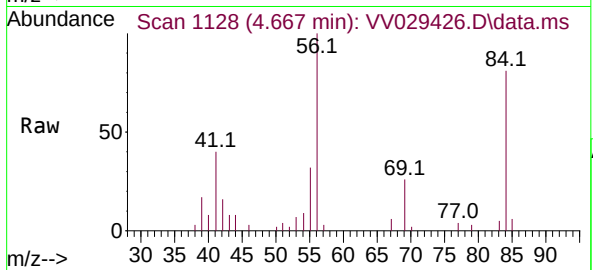
Tgt Ion: 56 Resp: 11001

Ion Ratio Lower Upper

56 100

69 30.8 25.8 38.8

84 92.9 76.6 114.8



#30

1,1,1-Trichloroethane

Concen: 2.230 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. 0.010 min

Lab File: VV029426.D

Acq: 07 Dec 2022 18:44

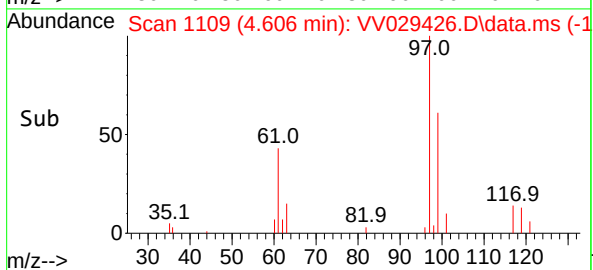
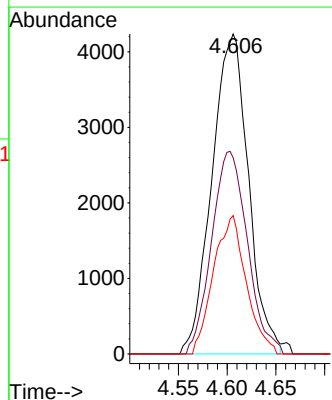
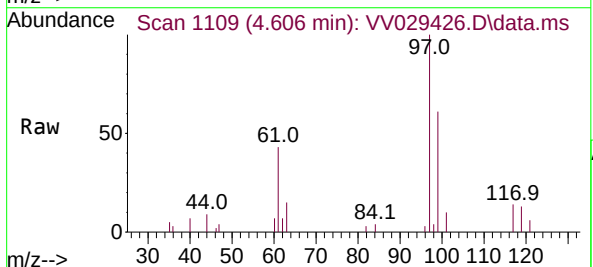
Tgt Ion: 97 Resp: 11018

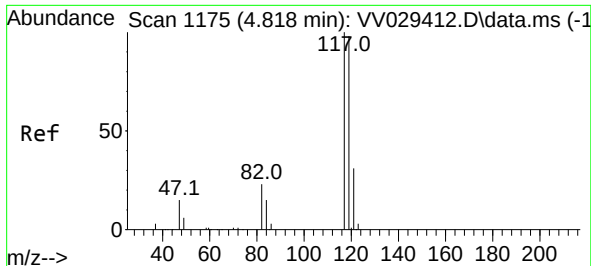
Ion Ratio Lower Upper

97 100

99 62.3 52.1 78.1

61 38.8 31.8 47.8

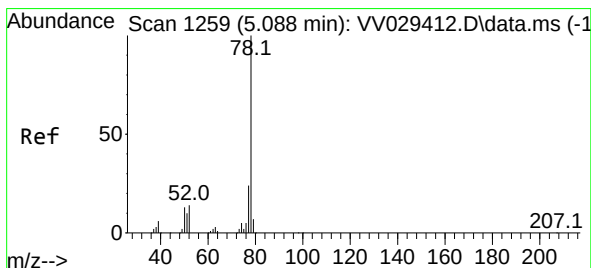
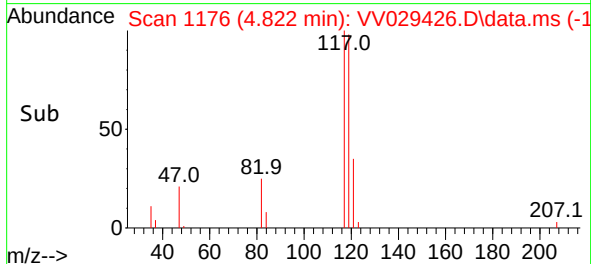
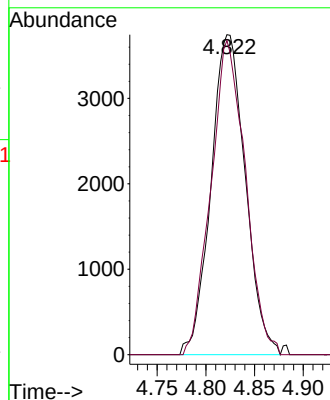
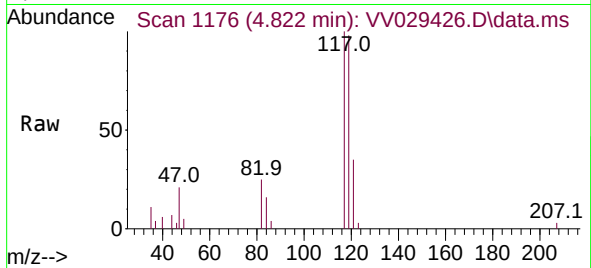




#31
Carbon tetrachloride
Concen: 2.128 ug/L
RT: 4.822 min Scan# 1175
Delta R.T. 0.003 min
Lab File: VV029426.D
Acq: 07 Dec 2022 18:44

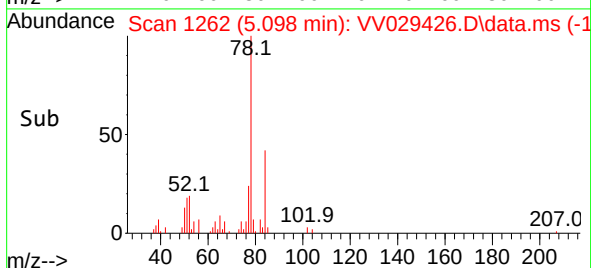
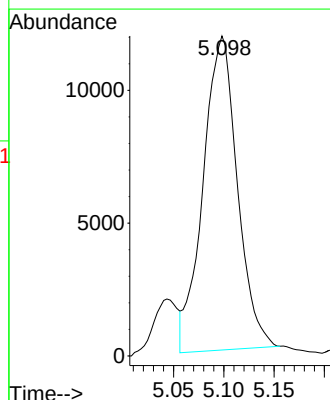
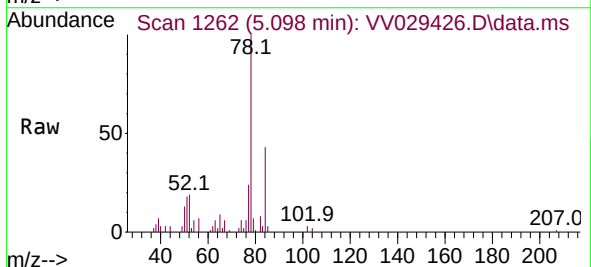
Instrument :
MSVOA_V
ClientSampleId :
MDL02

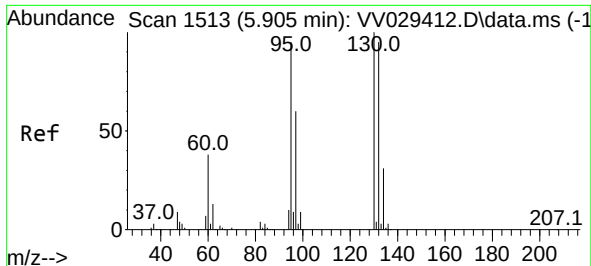
Tgt Ion:117 Resp: 9182
Ion Ratio Lower Upper
117 100
119 98.5 76.7 115.1



#33
Benzene
Concen: 2.191 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.010 min
Lab File: VV029426.D
Acq: 07 Dec 2022 18:44

Tgt Ion: 78 Resp: 28010



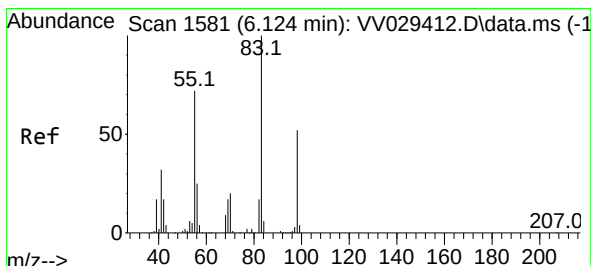
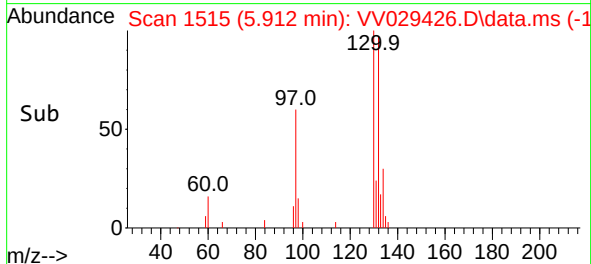
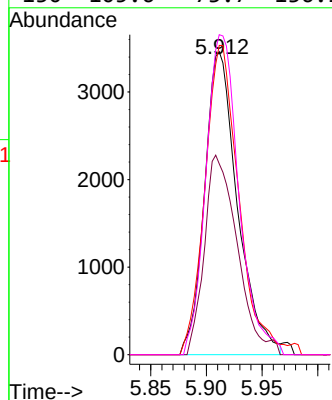
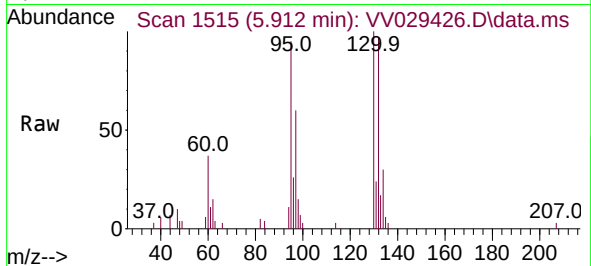


#34
Trichloroethene
Concen: 2.222 ug/L
RT: 5.912 min Scan# 11
Delta R.T. 0.007 min
Lab File: VV029426.D
Acq: 07 Dec 2022 18:44

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Tgt Ion: 95 Resp: 7118

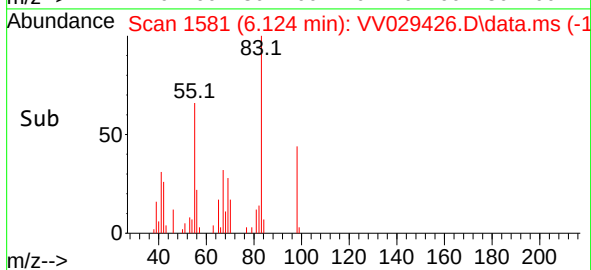
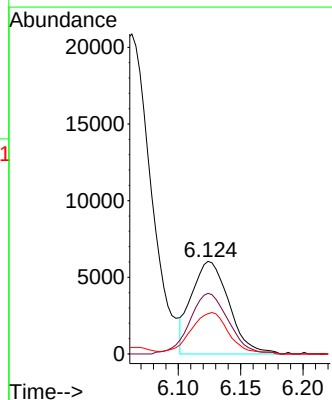
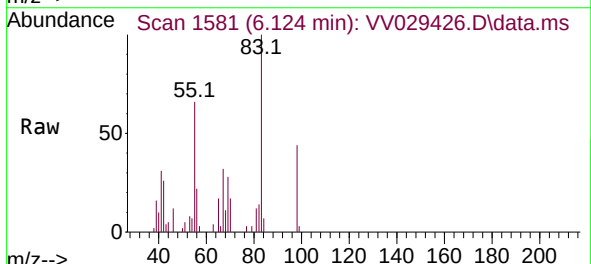
Ion	Ratio	Lower	Upper
95	100		
97	63.0	44.0	81.8
132	102.0	69.9	129.9
130	105.6	73.7	136.9

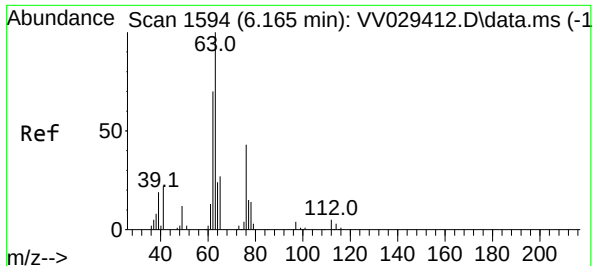


#35
Methylcyclohexane
Concen: 2.317 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. 0.000 min
Lab File: VV029426.D
Acq: 07 Dec 2022 18:44

Tgt Ion: 83 Resp: 12606

Ion	Ratio	Lower	Upper
83	100		
55	67.4	55.5	83.3
98	42.1	39.8	59.8





#37

1,2-Dichloropropane

Concen: 2.105 ug/L

RT: 6.169 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV029426.D

Acq: 07 Dec 2022 18:44

Instrument :

MSVOA_V

ClientSampleId :

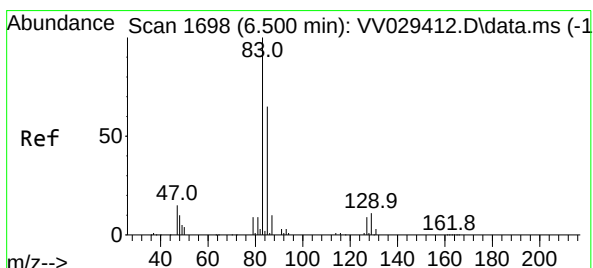
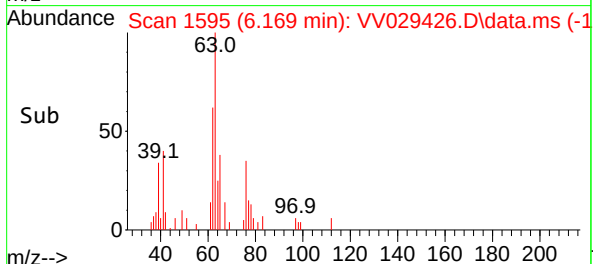
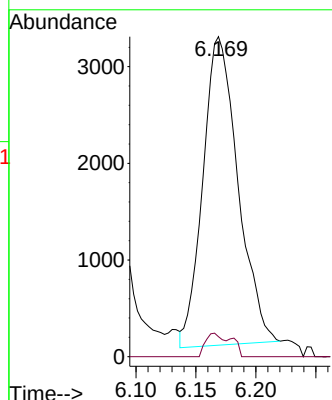
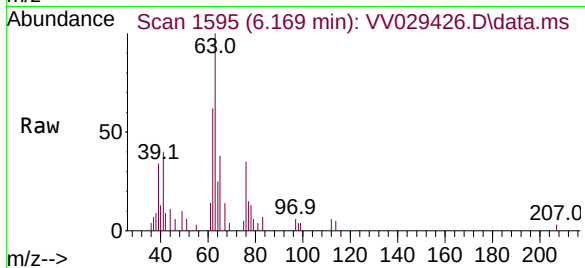
MDL02

Tgt Ion: 63 Resp: 6496

Ion Ratio Lower Upper

63 100

112 3.9 3.9 5.9



#38

Bromodichloromethane

Concen: 2.124 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.010 min

Lab File: VV029426.D

Acq: 07 Dec 2022 18:44

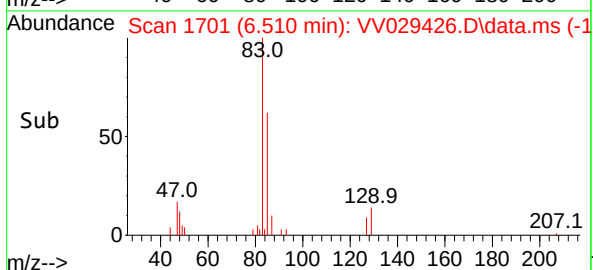
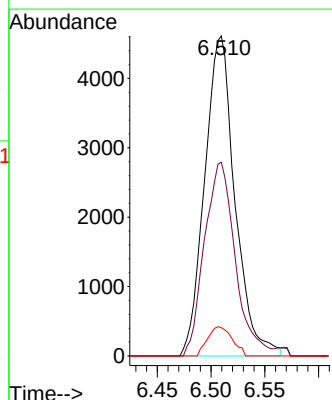
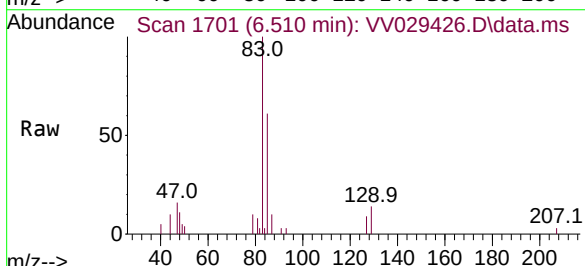
Tgt Ion: 83 Resp: 9048

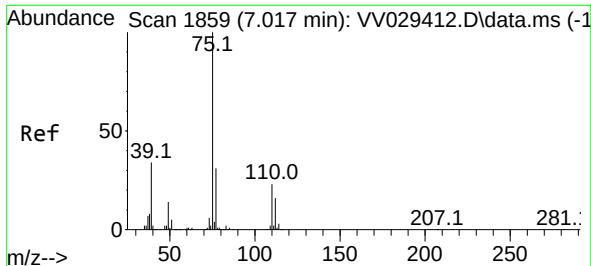
Ion Ratio Lower Upper

83 100

85 60.5 45.3 84.1

127 8.9 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 1.884 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.010 min

Lab File: VV029426.D

Acq: 07 Dec 2022 18:44

Instrument :

MSVOA_V

ClientSampleId :

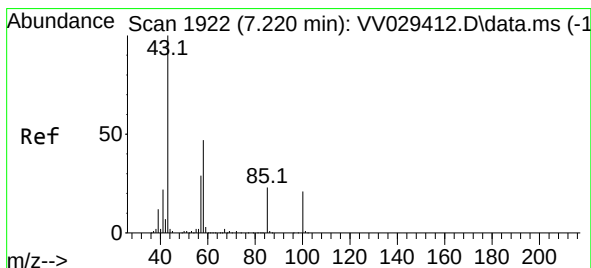
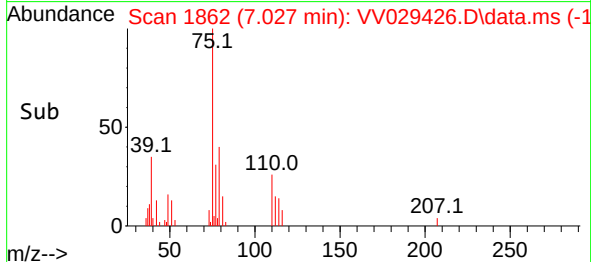
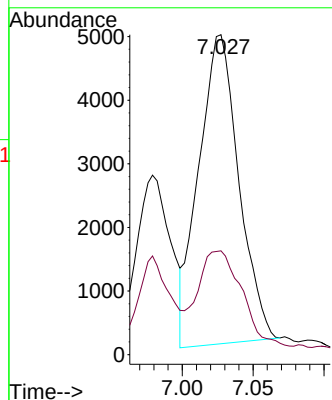
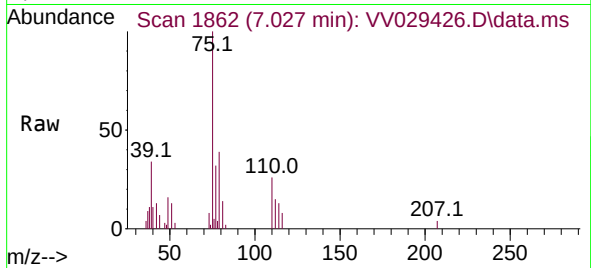
MDL02

Tgt Ion: 75 Resp: 9558

Ion Ratio Lower Upper

75 100

77 32.5 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 4.522 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.007 min

Lab File: VV029426.D

Acq: 07 Dec 2022 18:44

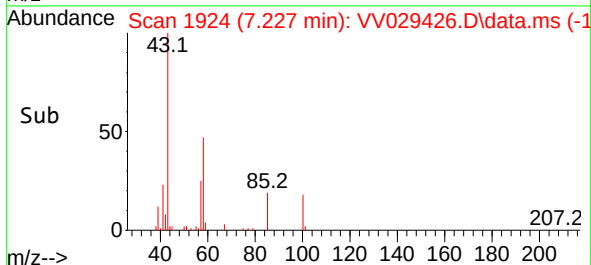
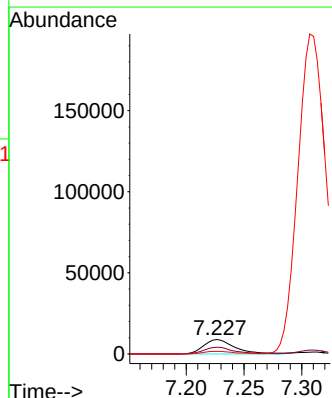
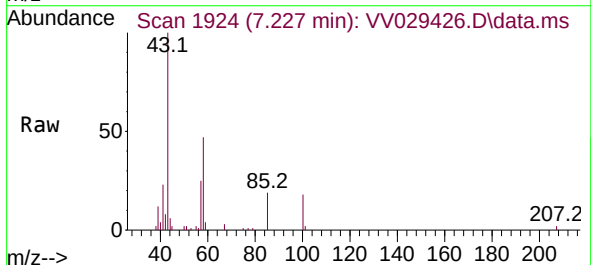
Tgt Ion: 43 Resp: 16635

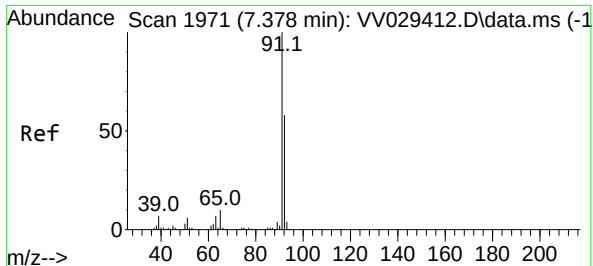
Ion Ratio Lower Upper

43 100

58 45.4 37.5 56.3

100 18.6 16.7 25.1





#42

Toluene

Concen: 2.169 ug/L

RT: 7.384 min Scan# 1971

Delta R.T. 0.007 min

Lab File: VV029426.D

Acq: 07 Dec 2022 18:44

Instrument :

MSVOA_V

ClientSampleId :

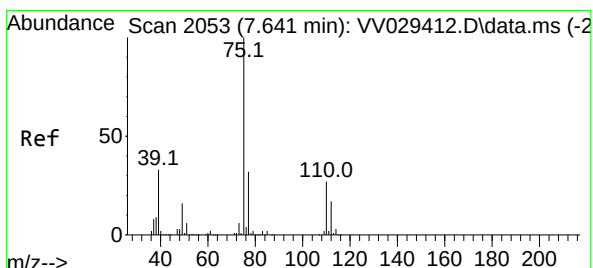
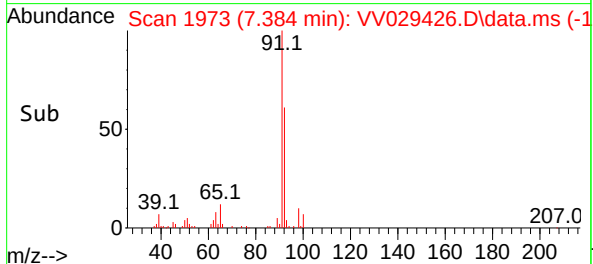
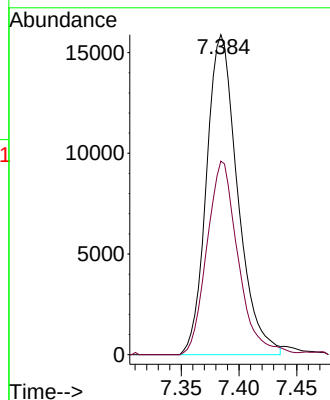
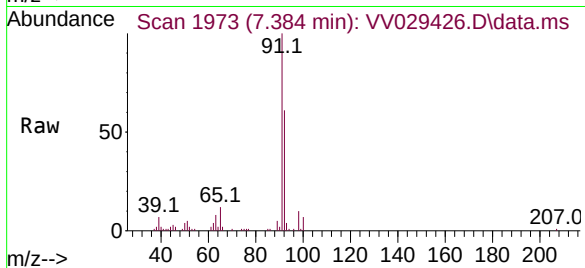
MDL02

Tgt Ion: 91 Resp: 29850

Ion Ratio Lower Upper

91 100

92 60.5 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 2.032 ug/L

RT: 7.645 min Scan# 2054

Delta R.T. 0.003 min

Lab File: VV029426.D

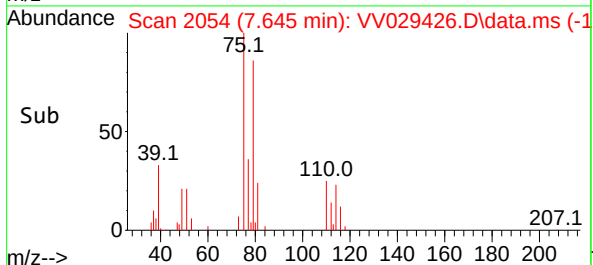
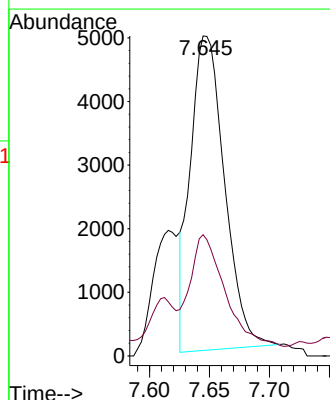
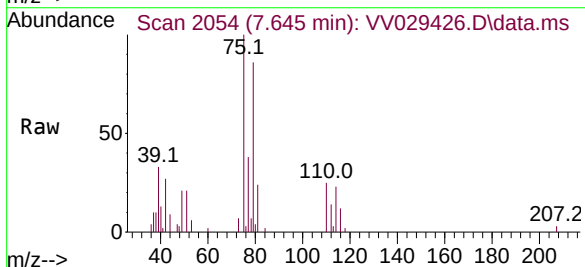
Acq: 07 Dec 2022 18:44

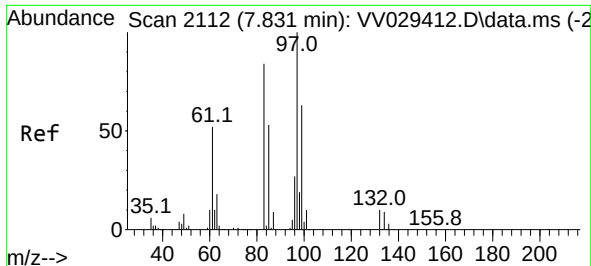
Tgt Ion: 75 Resp: 9763

Ion Ratio Lower Upper

75 100

77 37.9 22.3 41.5





#45

1,1,2-Trichloroethane

Concen: 2.214 ug/L

RT: 7.834 min Scan# 2112

Delta R.T. 0.003 min

Lab File: VV029426.D

Acq: 07 Dec 2022 18:44

Instrument :

MSVOA_V

ClientSampleId :

MDL02

Tgt Ion: 97 Resp: 7059

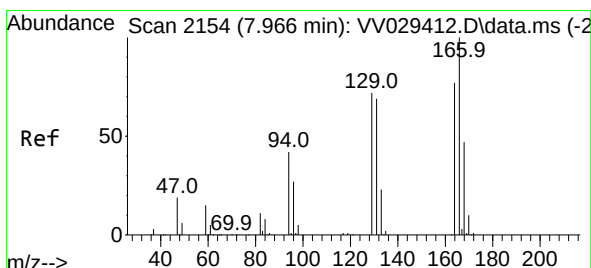
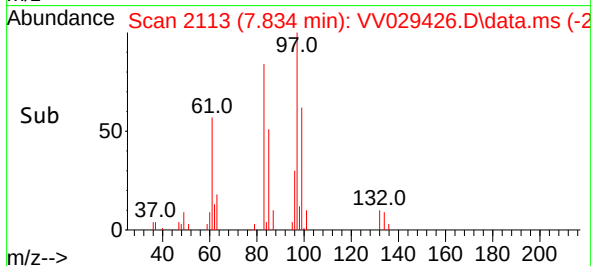
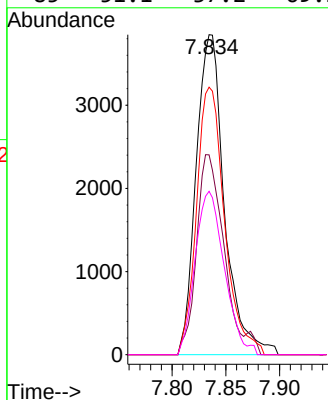
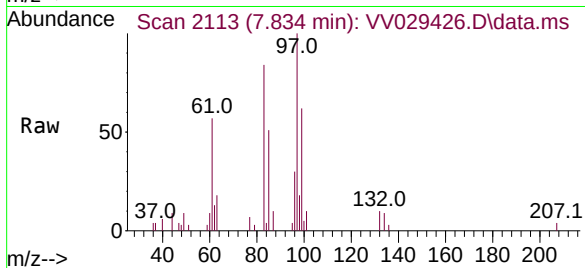
Ion Ratio Lower Upper

97 100

99 62.4 43.8 81.3

83 83.6 58.6 108.8

85 51.1 37.2 69.2



#46

Tetrachloroethene

Concen: 2.228 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. 0.003 min

Lab File: VV029426.D

Acq: 07 Dec 2022 18:44

Tgt Ion: 164 Resp: 5738

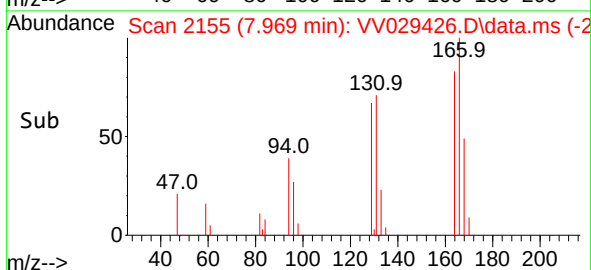
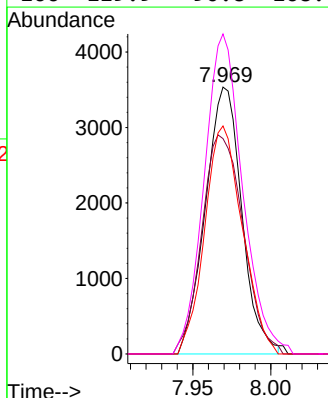
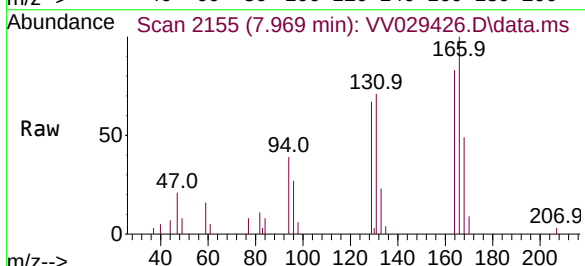
Ion Ratio Lower Upper

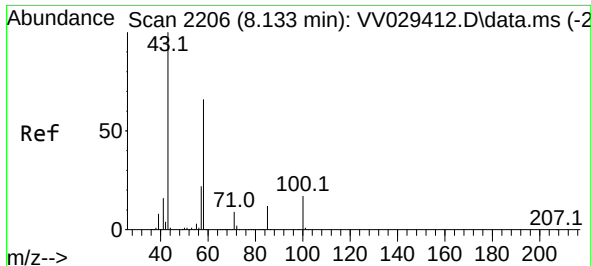
164 100

129 80.7 65.3 121.3

131 85.4 63.1 117.1

166 119.9 90.8 168.6

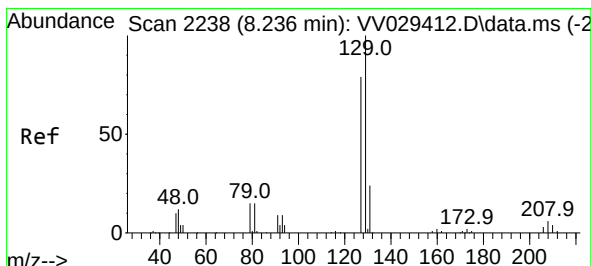
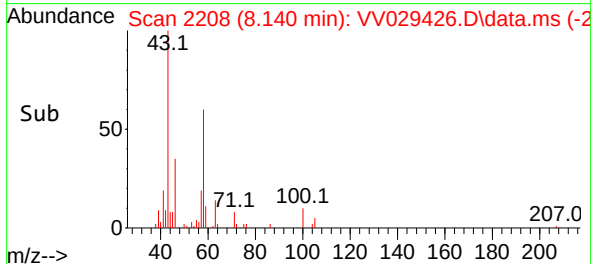
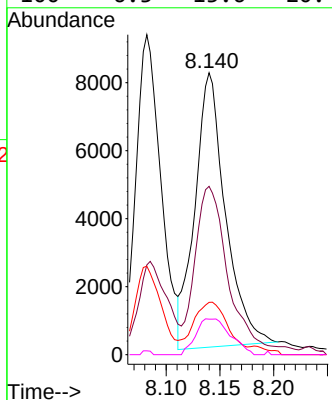
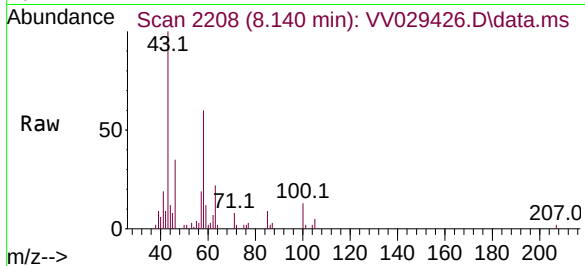




#48
2-Hexanone
Concen: 5.657 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.007 min
Lab File: VV029426.D
Acq: 07 Dec 2022 18:44

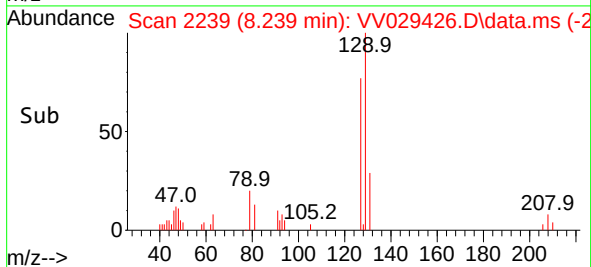
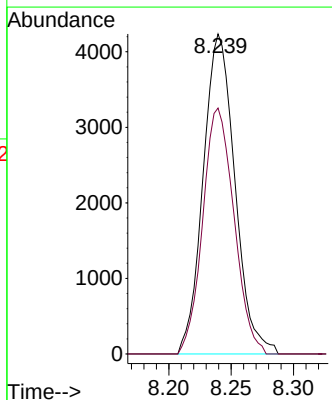
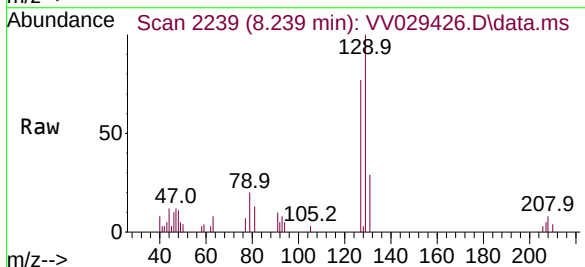
Instrument :
MSVOA_V
ClientSampleId :
MDL02

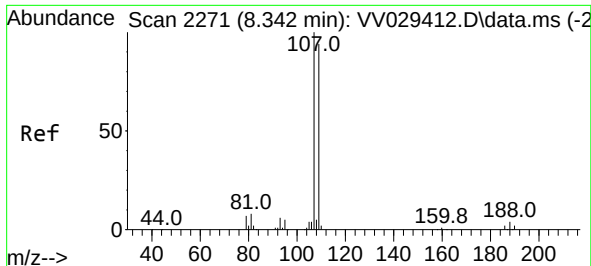
Tgt Ion: 43 Resp: 15899
Ion Ratio Lower Upper
43 100
58 61.6 54.1 81.1
57 17.5 17.4 26.0
100 6.3 13.6 20.4#



#49
Dibromochloromethane
Concen: 2.134 ug/L
RT: 8.239 min Scan# 2239
Delta R.T. 0.003 min
Lab File: VV029426.D
Acq: 07 Dec 2022 18:44

Tgt Ion: 129 Resp: 7512
Ion Ratio Lower Upper
129 100
127 76.8 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: VV029426.D

Acq: 07 Dec 2022 18:44

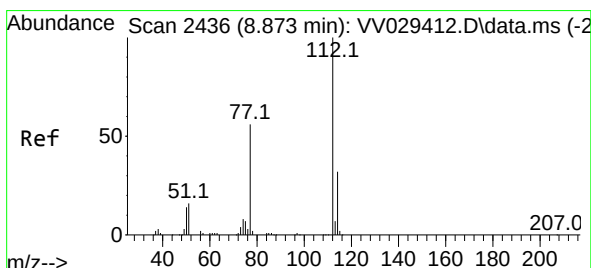
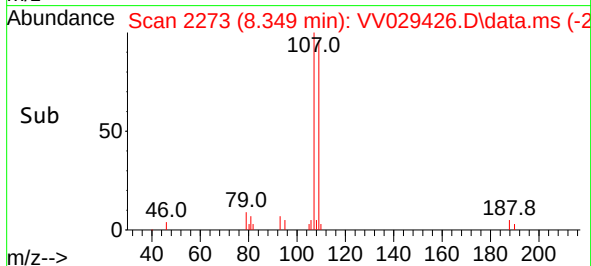
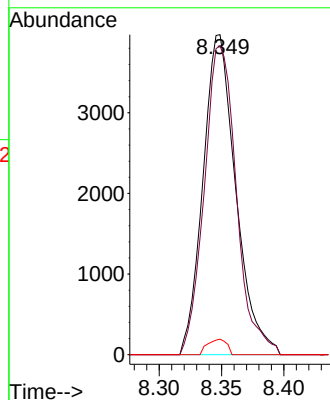
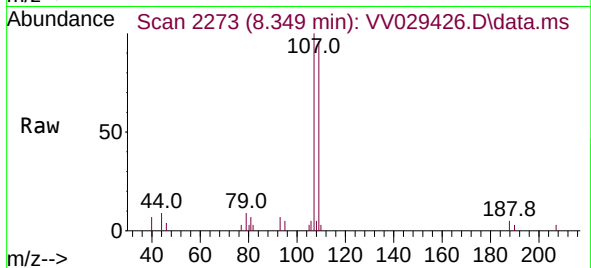
Instrument :

MSVOA_V

ClientSampleId :

MDL02

Tgt Ion:	107	Resp:	7274
Ion	Ratio	Lower	Upper
107	100		
109	96.5	66.0	122.6
188	4.8	3.2	4.8#



#51

Chlorobenzene

Concen: 2.186 ug/L

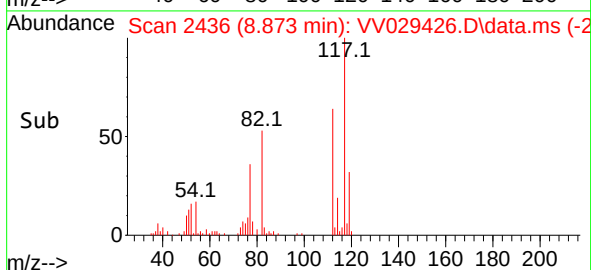
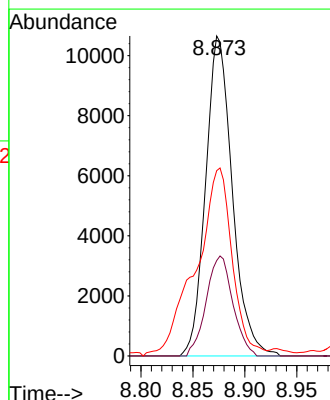
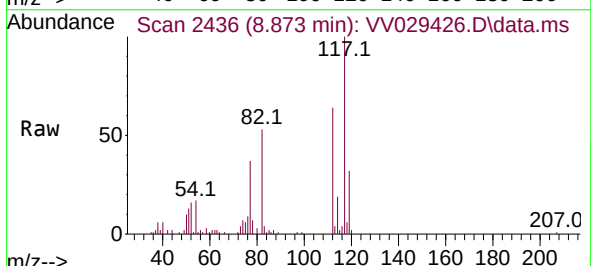
RT: 8.873 min Scan# 2436

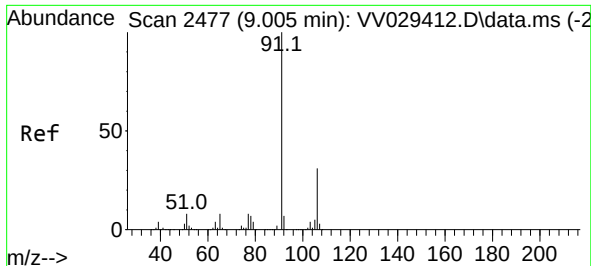
Delta R.T. 0.000 min

Lab File: VV029426.D

Acq: 07 Dec 2022 18:44

Tgt Ion:	112	Resp:	19048
Ion	Ratio	Lower	Upper
112	100		
114	29.8	22.3	41.3
77	57.9	45.0	67.4

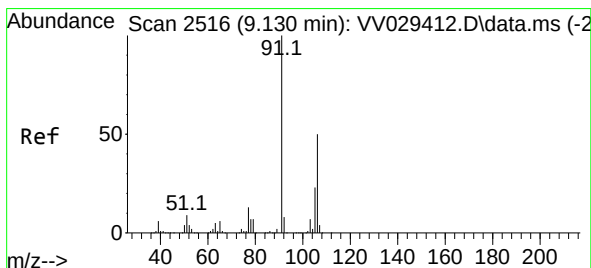
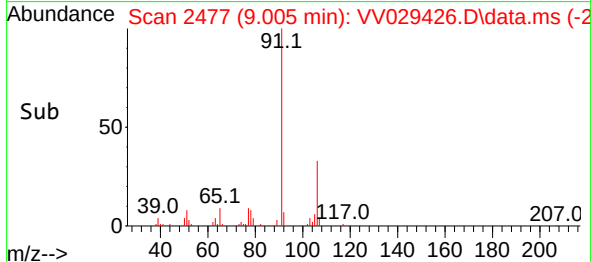
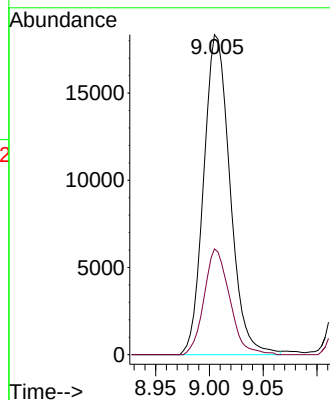
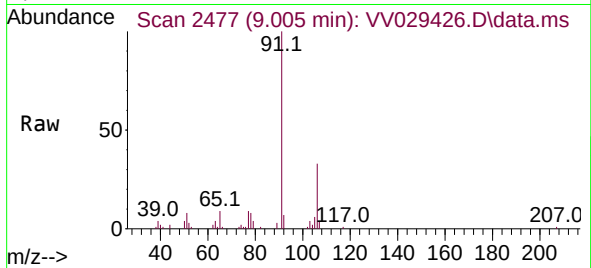




#52
Ethylbenzene
Concen: 2.161 ug/L
RT: 9.005 min Scan# 2477
Delta R.T. 0.000 min
Lab File: VV029426.D
Acq: 07 Dec 2022 18:44

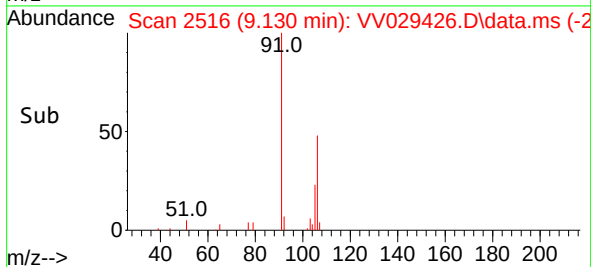
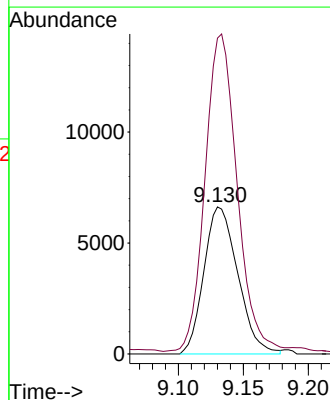
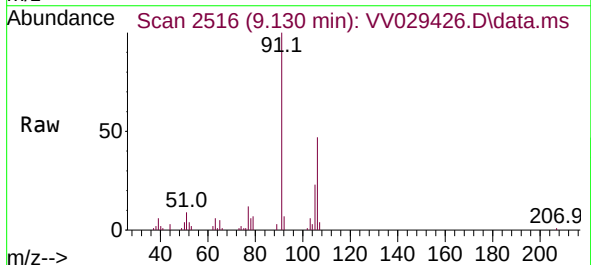
Instrument :
MSVOA_V
ClientSampleId :
MDL02

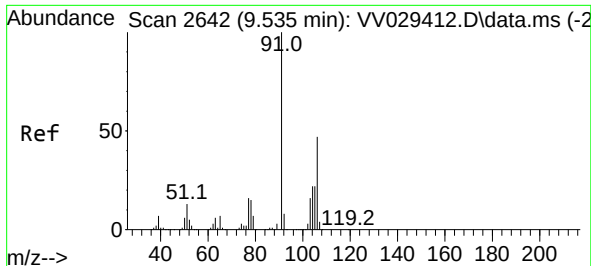
Tgt Ion: 91 Resp: 31258
Ion Ratio Lower Upper
91 100
106 33.0 21.8 40.6



#53
m,p-Xylene
Concen: 2.103 ug/L
RT: 9.130 min Scan# 2516
Delta R.T. 0.000 min
Lab File: VV029426.D
Acq: 07 Dec 2022 18:44

Tgt Ion: 106 Resp: 12041
Ion Ratio Lower Upper
106 100
91 214.6 139.5 259.1

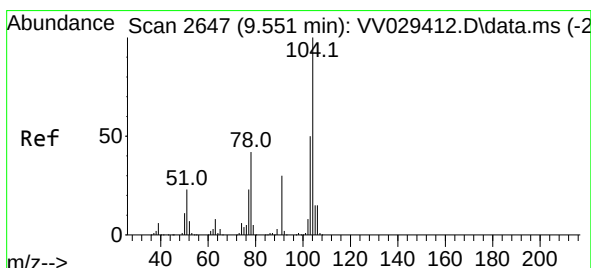
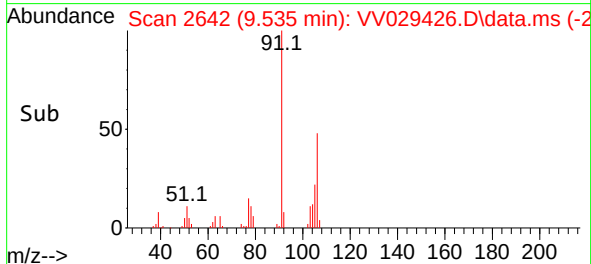
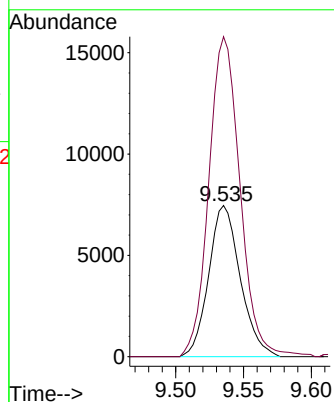
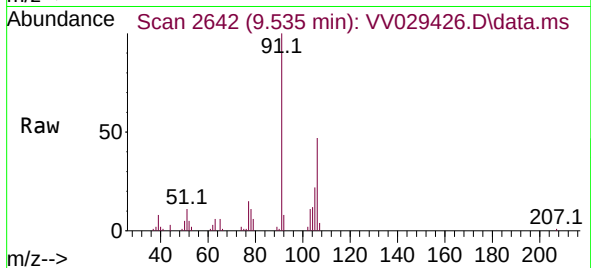




#54
o-Xylene
Concen: 2.136 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. 0.000 min
Lab File: VV029426.D
Acq: 07 Dec 2022 18:44

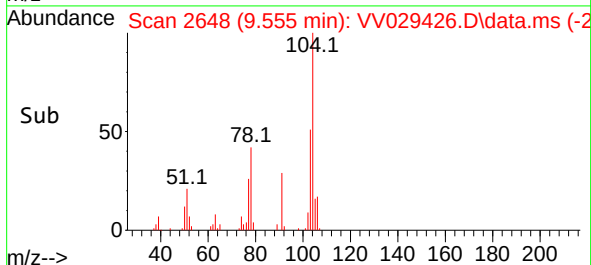
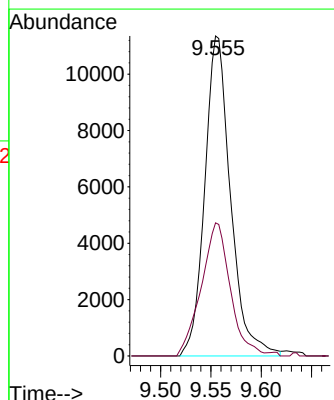
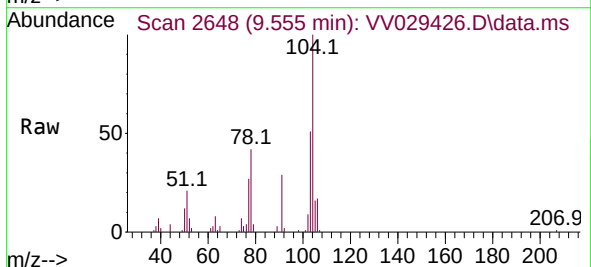
Instrument :
MSVOA_V
ClientSampleId :
MDL02

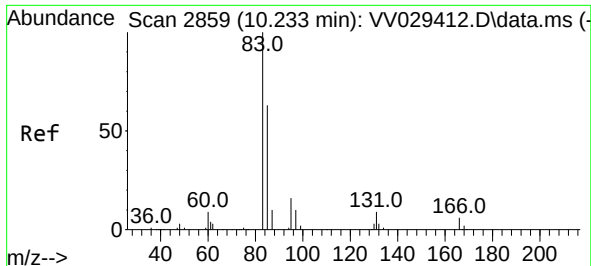
Tgt Ion:106 Resp: 12096
Ion Ratio Lower Upper
106 100
91 211.7 148.0 274.8



#55
Styrene
Concen: 2.059 ug/L
RT: 9.555 min Scan# 2648
Delta R.T. 0.003 min
Lab File: VV029426.D
Acq: 07 Dec 2022 18:44

Tgt Ion:104 Resp: 20261
Ion Ratio Lower Upper
104 100
78 41.6 29.4 54.6





#57

1,1,2,2-Tetrachloroethane

Concen: 2.332 ug/L

RT: 10.230 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV029426.D

Acq: 07 Dec 2022 18:44

Instrument :

MSVOA_V

ClientSampleId :

MDL02

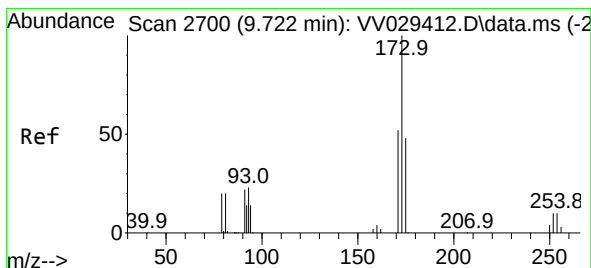
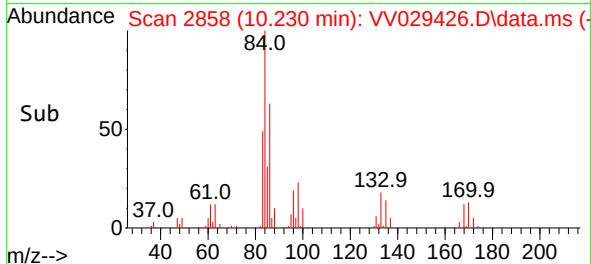
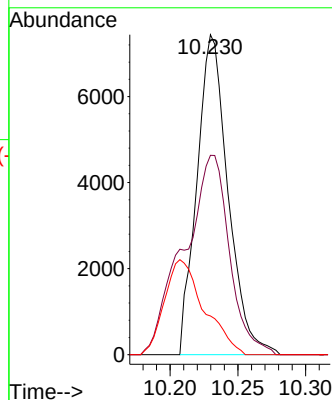
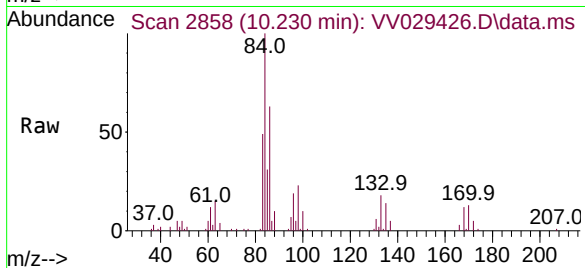
Tgt Ion: 83 Resp: 11891

Ion Ratio Lower Upper

83 100

85 62.3 45.7 84.9

131 12.1 7.9 11.9#



#59

Bromoform

Concen: 2.198 ug/L

RT: 9.725 min Scan# 2701

Delta R.T. 0.003 min

Lab File: VV029426.D

Acq: 07 Dec 2022 18:44

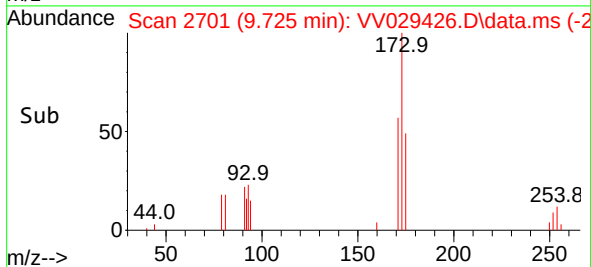
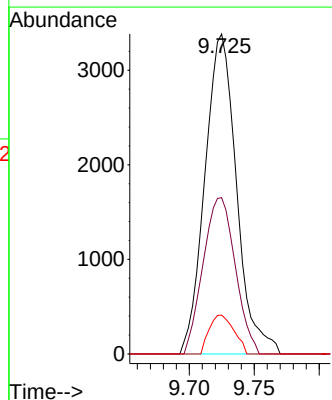
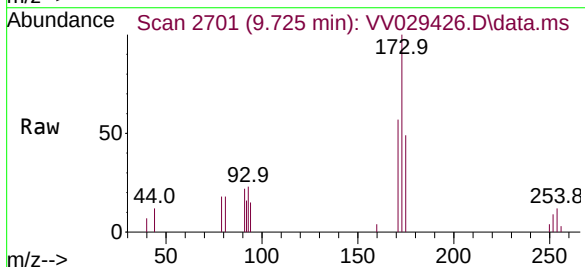
Tgt Ion: 173 Resp: 5725

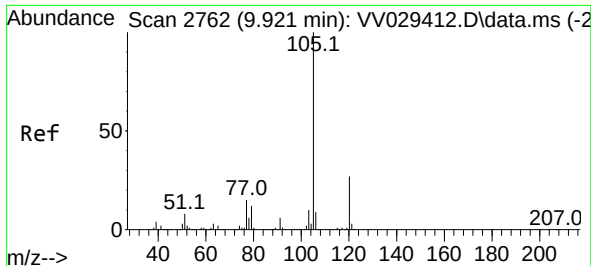
Ion Ratio Lower Upper

173 100

175 49.6 38.4 57.6

254 9.4 7.8 11.8

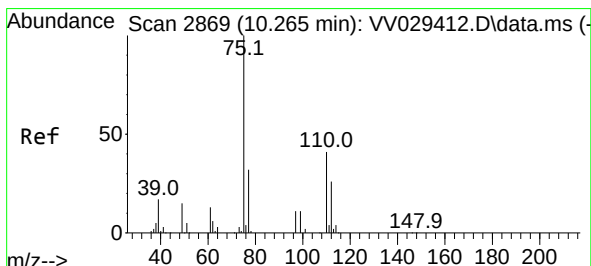
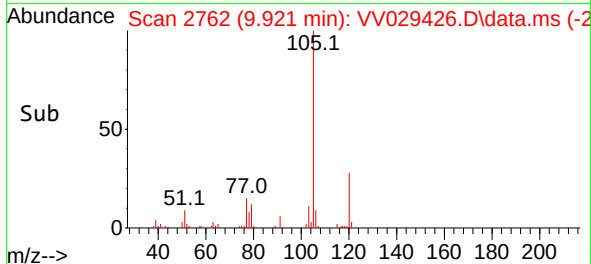
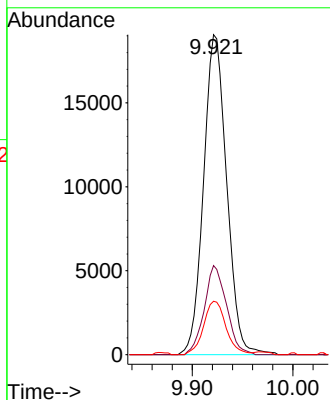
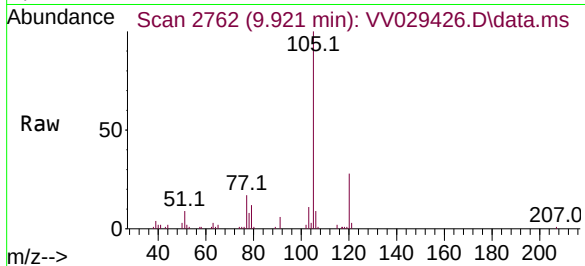




#60
Isopropylbenzene
Concen: 2.203 ug/L
RT: 9.921 min Scan# 2762
Delta R.T. 0.000 min
Lab File: VV029426.D
Acq: 07 Dec 2022 18:44

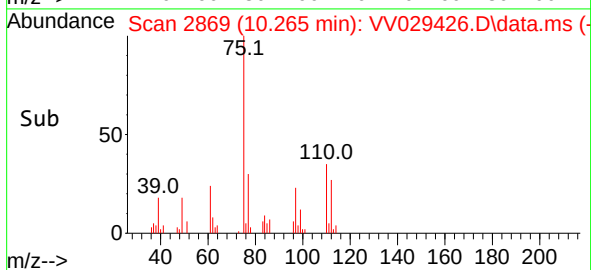
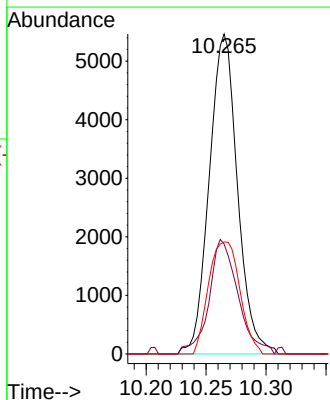
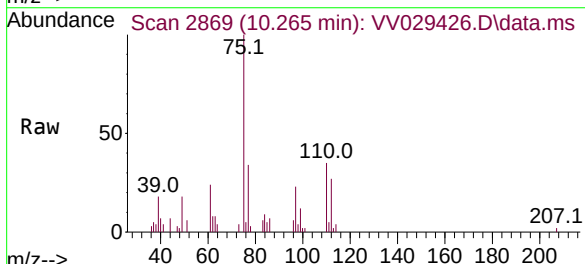
Instrument :
MSVOA_V
ClientSampleId :
MDL02

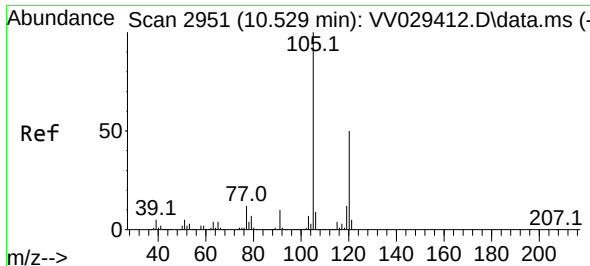
Tgt Ion:105 Resp: 30498
Ion Ratio Lower Upper
105 100
120 26.7 21.1 31.7
77 16.2 11.6 17.4



#61
1,2,3-Trichloropropane
Concen: 2.457 ug/L
RT: 10.265 min Scan# 2869
Delta R.T. 0.000 min
Lab File: VV029426.D
Acq: 07 Dec 2022 18:44

Tgt Ion: 75 Resp: 8943
Ion Ratio Lower Upper
75 100
77 36.7 25.4 38.2
110 38.8 32.7 49.1

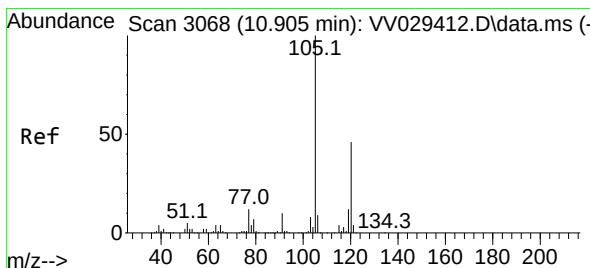
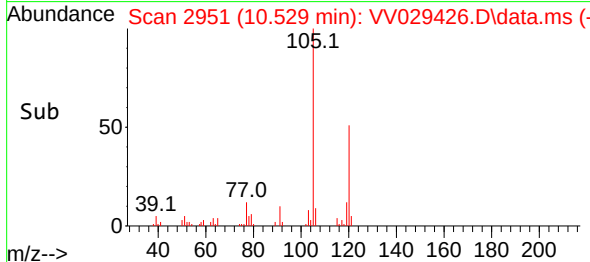
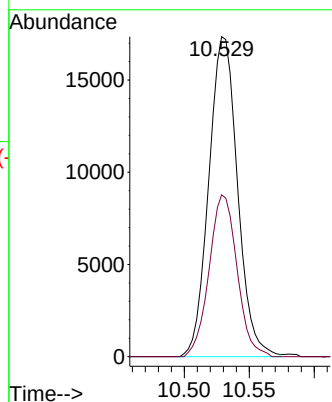
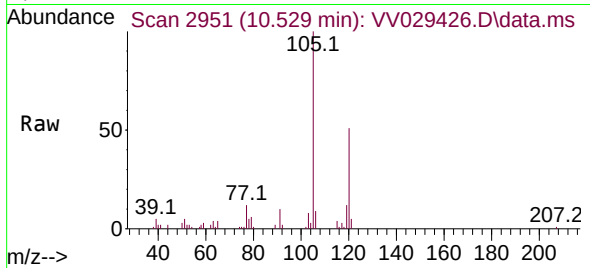




#62
1,3,5-Trimethylbenzene
Concen: 2.182 ug/L
RT: 10.529 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VV029426.D
Acq: 07 Dec 2022 18:44

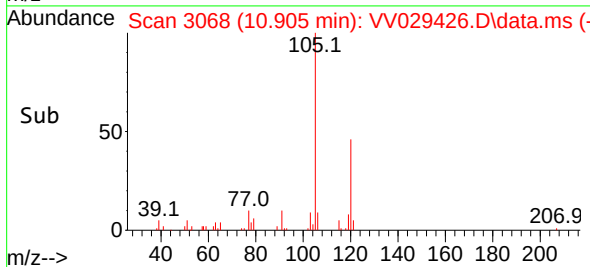
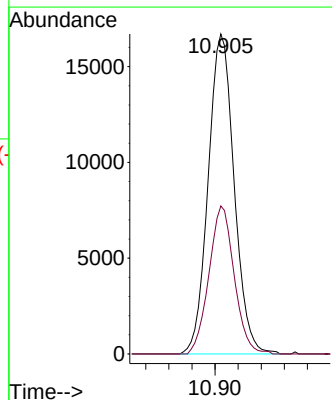
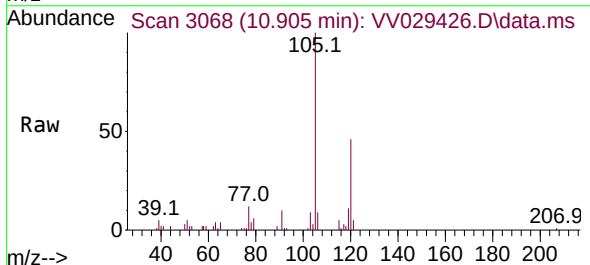
Instrument :
MSVOA_V
ClientSampleId :
MDL02

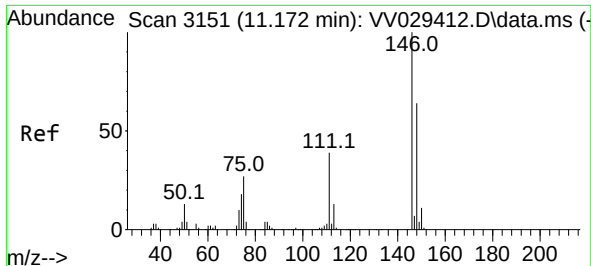
Tgt Ion:105 Resp: 26710
Ion Ratio Lower Upper
105 100
120 49.0 40.0 60.0



#63
1,2,4-Trimethylbenzene
Concen: 2.150 ug/L
RT: 10.905 min Scan# 3068
Delta R.T. 0.000 min
Lab File: VV029426.D
Acq: 07 Dec 2022 18:44

Tgt Ion:105 Resp: 26085
Ion Ratio Lower Upper
105 100
120 44.7 36.7 55.1

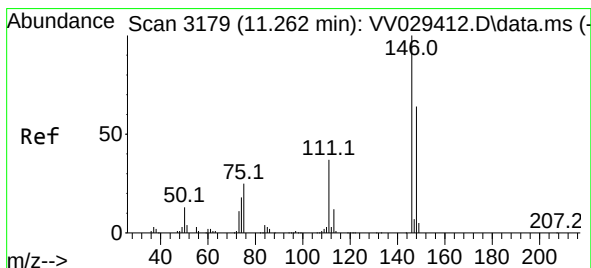
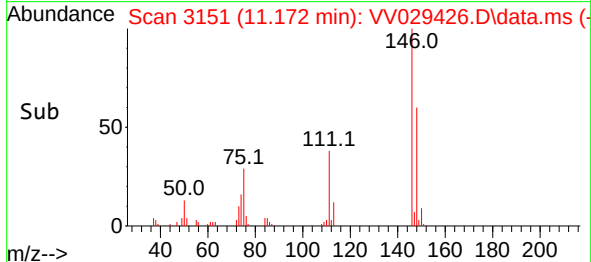
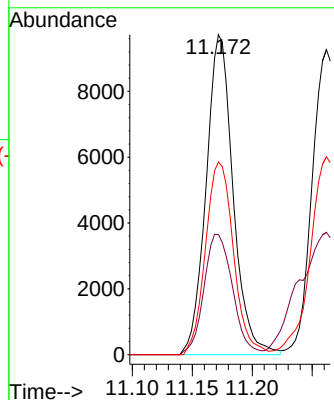
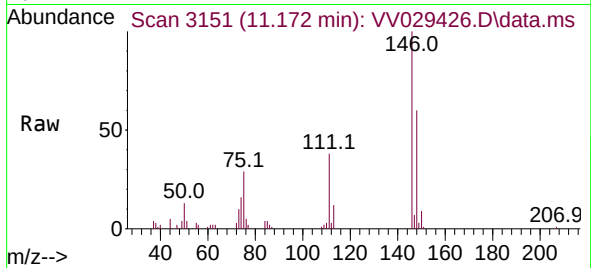




#64
1,3-Dichlorobenzene
Concen: 2.250 ug/L
RT: 11.172 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VV029426.D
Acq: 07 Dec 2022 18:44

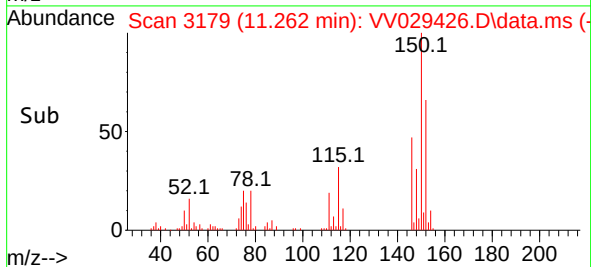
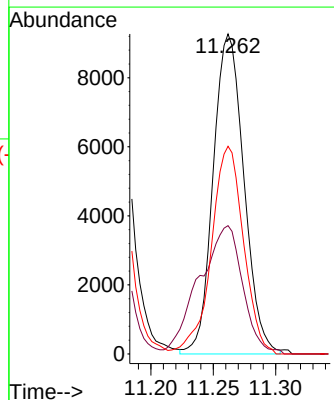
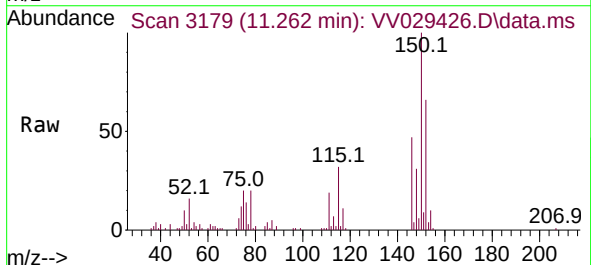
Instrument :
MSVOA_V
ClientSampleId :
MDL02

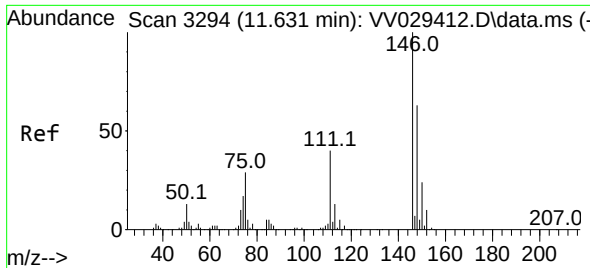
Tgt Ion:146 Resp: 15229
Ion Ratio Lower Upper
146 100
111 37.6 27.4 51.0
148 60.3 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 2.314 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. 0.000 min
Lab File: VV029426.D
Acq: 07 Dec 2022 18:44

Tgt Ion:146 Resp: 15919
Ion Ratio Lower Upper
146 100
111 40.1 26.2 48.8
148 64.9 44.7 83.1

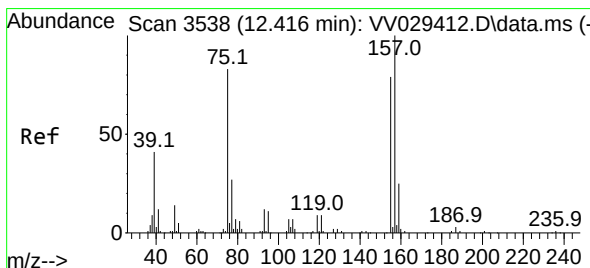
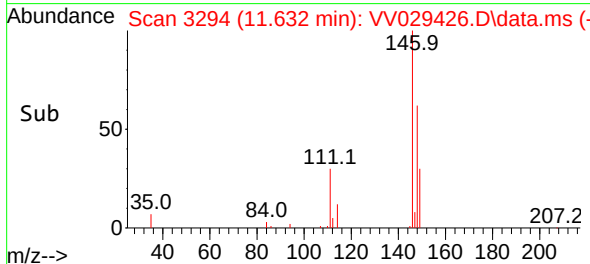
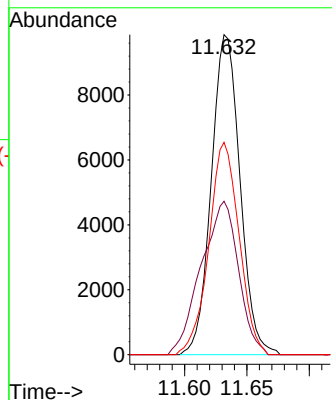
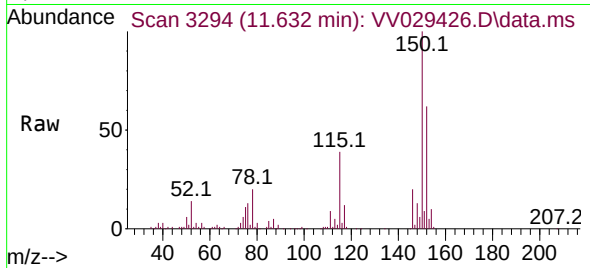




#67
1,2-Dichlorobenzene
Concen: 2.287 ug/L
RT: 11.632 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV029426.D
Acq: 07 Dec 2022 18:44

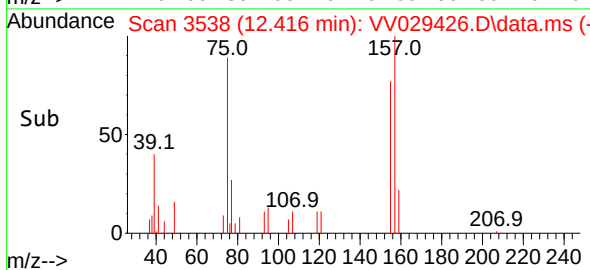
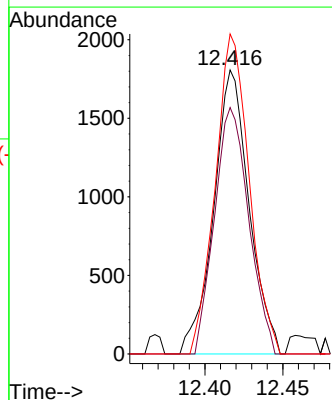
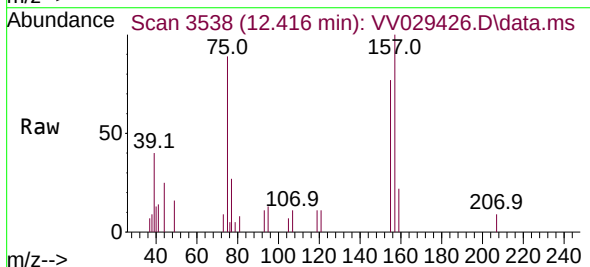
Instrument :
MSVOA_V
ClientSampleId :
MDL02

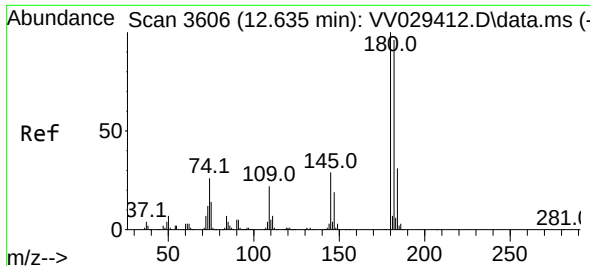
Tgt Ion:146 Resp: 15834
Ion Ratio Lower Upper
146 100
111 48.0 32.0 48.0
148 66.3 50.6 76.0



#68
1,2-Dibromo-3-chloropropane
Concen: 2.520 ug/L
RT: 12.416 min Scan# 3538
Delta R.T. 0.000 min
Lab File: VV029426.D
Acq: 07 Dec 2022 18:44

Tgt Ion: 75 Resp: 2851
Ion Ratio Lower Upper
75 100
155 86.8 76.2 114.2
157 112.7 96.0 144.0

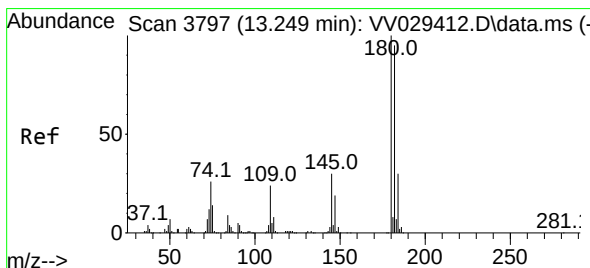
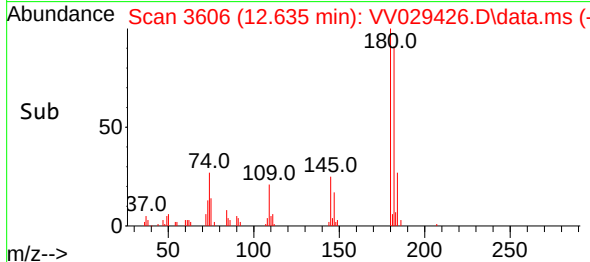
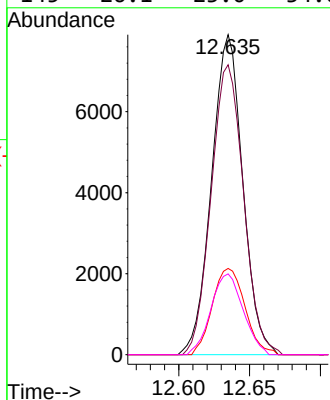
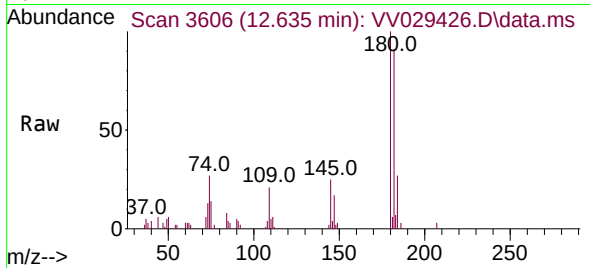




#69
 1,3,5-Trichlorobenzene
 Concen: 2.249 ug/L
 RT: 12.635 min Scan# 3606
 Delta R.T. 0.000 min
 Lab File: VV029426.D
 Acq: 07 Dec 2022 18:44

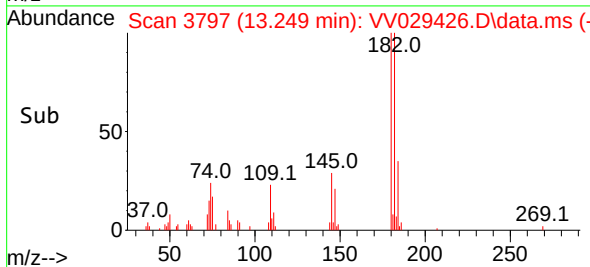
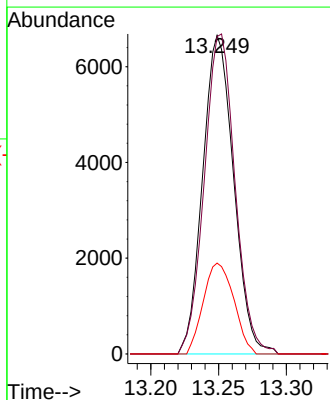
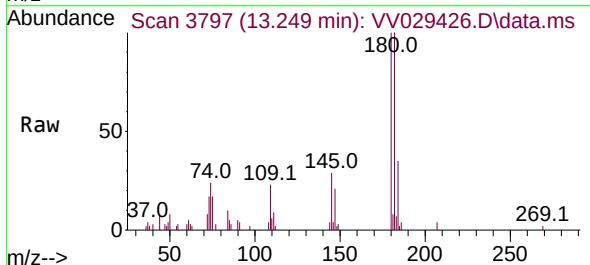
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL02

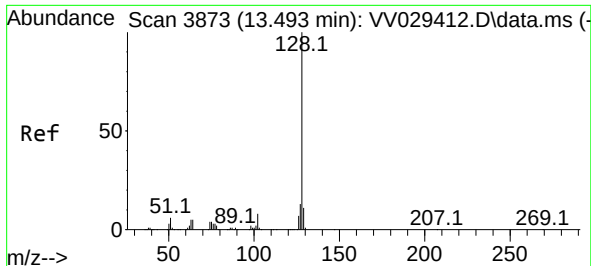
Tgt Ion:180	Resp:	12117
Ion Ratio	Lower	Upper
180	100	
182	93.9	76.5 114.7
184	28.2	24.6 36.8
145	26.1	23.0 34.6



#70
 1,2,4-trichlorobenzene
 Concen: 2.205 ug/L
 RT: 13.249 min Scan# 3797
 Delta R.T. 0.000 min
 Lab File: VV029426.D
 Acq: 07 Dec 2022 18:44

Tgt Ion:180	Resp:	10565
Ion Ratio	Lower	Upper
180	100	
182	99.3	76.3 114.5
145	28.0	23.7 35.5

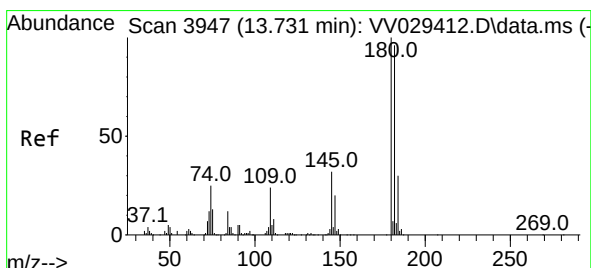
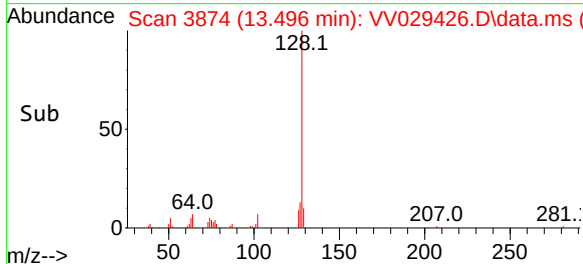
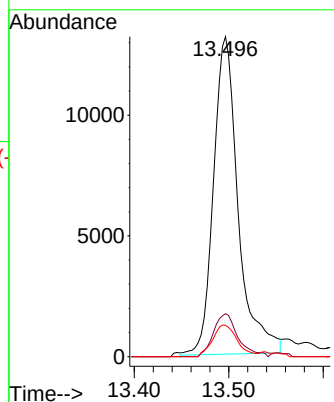
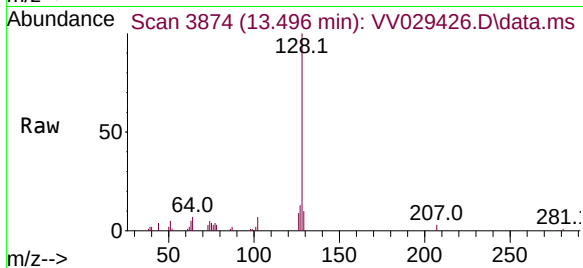




#71
Naphthalene
Concen: 2.197 ug/L
RT: 13.496 min Scan# 3873
Delta R.T. 0.003 min
Lab File: VV029426.D
Acq: 07 Dec 2022 18:44

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Tgt Ion:128	Resp:	23869
Ion Ratio	Lower	Upper
128	100	
127	13.1	10.2 15.4
129	9.9	8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 2.260 ug/L
RT: 13.731 min Scan# 3947
Delta R.T. 0.000 min
Lab File: VV029426.D
Acq: 07 Dec 2022 18:44

Tgt Ion:180	Resp:	10605
Ion Ratio	Lower	Upper
180	100	
182	97.2	76.4 114.6
145	30.7	25.0 37.6

