

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120522\
 Data File : VW029400.D
 Acq On : 05 Dec 2022 13:11
 Operator : SY/MD
 Sample : MDL05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL05

Quant Time: Dec 05 23:30:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 02 21:17:55 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	230780	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	212271	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	111230	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	71846	5.059	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	101.200%	
7) Chloroethane-d5	1.565	69	55004	5.291	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	105.800%	
11) 1,1-Dichloroethene-d2	2.102	63	86707	3.815	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	76.400%	
20) 2-Butanone-d5	3.902	46	84986	35.771	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	71.540%	
24) Chloroform-d	4.339	84	121966	4.811	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.200%	
26) 1,2-Dichloroethane-d4	5.024	65	54569	4.893	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.800%	
32) Benzene-d6	5.040	84	265028	4.518	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.400%	
36) 1,2-Dichloropropane-d6	6.063	67	79733	4.837	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	96.800%	
41) Toluene-d8	7.307	98	239770	4.330	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.600%	
43) trans-1,3-Dichloroprop...	7.616	79	28645	4.507	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.200%	
46) 2-Hexanone-d5	8.085	63	106369	46.951	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	93.900%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	53267	5.237	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	104.800%	
66) 1,2-Dichlorobenzene-d4	11.612	152	86877	4.471	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	89.400%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	3186	0.185	ug/L	97
3) Chloromethane	1.240	50	4010	0.254	ug/L	95
5) Vinyl chloride	1.307	62	3309	0.210	ug/L #	66
6) Bromomethane	1.520	94	1422	0.145	ug/L	86
8) Chloroethane	1.581	64	2055	0.220	ug/L	99
9) Trichlorofluoromethane	1.748	101	4315	0.196	ug/L	90
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	3567	0.291	ug/L #	76
12) 1,1-Dichloroethene	2.111	96	3184	0.268	ug/L #	1
14) Carbon disulfide	2.288	76	7599	0.220	ug/L	96
16) Methylene chloride	2.503	84	5484	0.302	ug/L	94
17) Methyl tert-butyl Ether	2.767	73	6338	0.209	ug/L	95
18) trans-1,2-Dichloroethene	2.761	96	2920	0.214	ug/L	94
19) 1,1-Dichloroethane	3.185	63	5204	0.212	ug/L #	87
22) cis-1,2-Dichloroethene	3.909	96	3288	0.211	ug/L	75
23) Bromochloromethane	4.243	128	1384	0.222	ug/L	77
25) Chloroform	4.368	83	5716	0.223	ug/L	99
27) 1,2-Dichloroethane	5.130	62	2510	0.181	ug/L #	85
29) 1,1,1-Trichloroethane	4.606	97	4996	0.205	ug/L	99
30) Cyclohexane	4.671	56	4494	0.186	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120522\
 Data File : VW029400.D
 Acq On : 05 Dec 2022 13:11
 Operator : SY/MD
 Sample : MDL05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL05

Quant Time: Dec 05 23:30:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 02 21:17:55 2022
 Response via : Initial Calibration

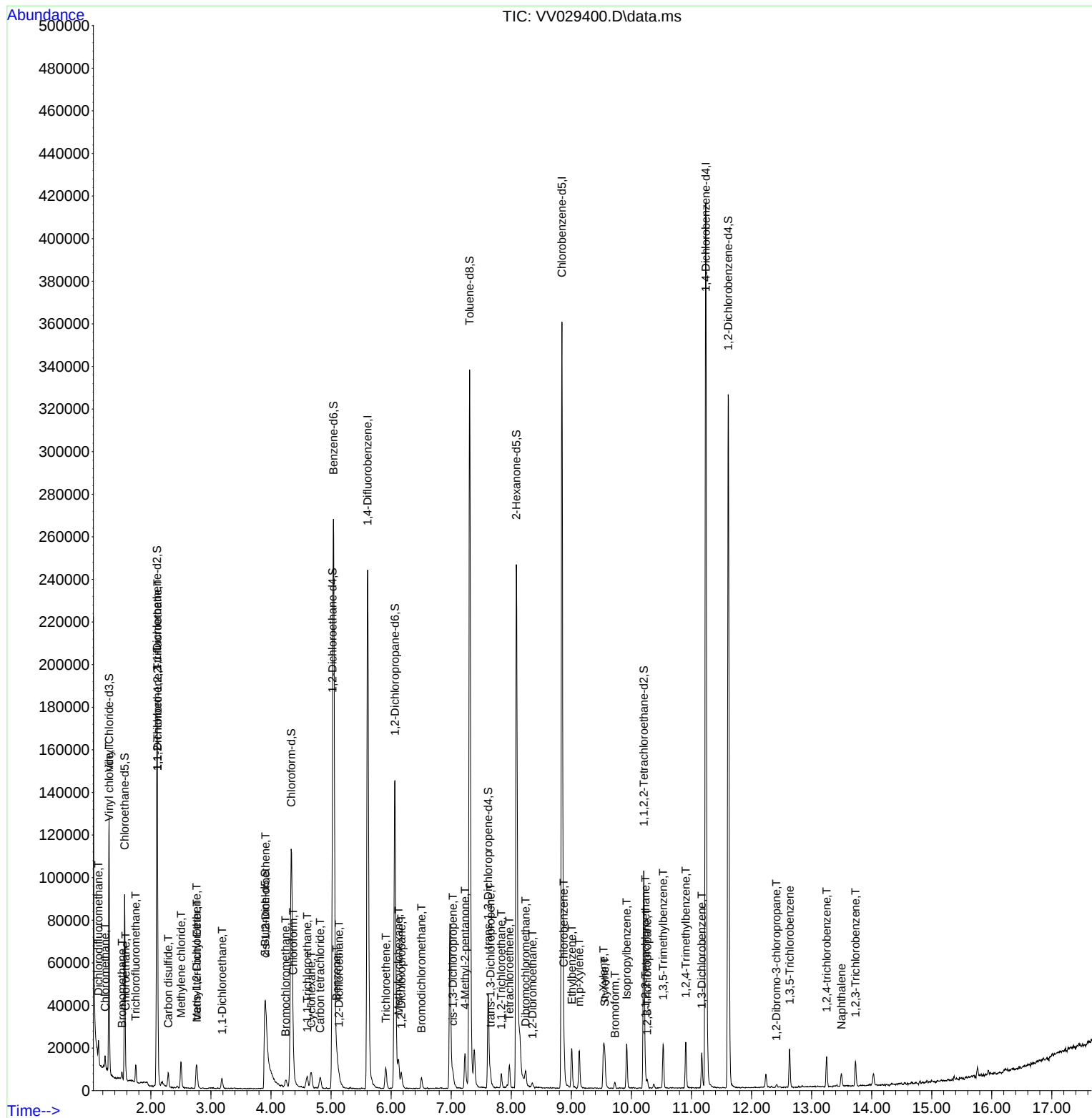
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
31) Carbon tetrachloride	4.818	117	4054	0.196	ug/L	99
33) Benzene	5.092	78	12864	0.203	ug/L	100
34) Trichloroethene	5.912	95	3441	0.212	ug/L	81
35) Methylcyclohexane	6.124	83	5320	0.195	ug/L	97
37) 1,2-Dichloropropane	6.172	63	3263	0.218	ug/L #	86
38) Bromodichloromethane	6.507	83	4057	0.227	ug/L #	97
39) cis-1,3-Dichloropropene	7.027	75	4692	0.215	ug/L	97
40) 4-Methyl-2-pentanone	7.230	43	12529	1.790	ug/L #	86
44) trans-1,3-Dichloropropene	7.654	75	3690	0.213	ug/L	90
45) 1,1,2-Trichloroethane	7.834	97	2122	0.210	ug/L	96
47) Tetrachloroethene	7.969	164	2378	0.179	ug/L	97
49) Dibromochloromethane	8.240	129	2494	0.219	ug/L	98
50) 1,2-Dibromoethane	8.352	107	1880	0.213	ug/L #	99
51) Chlorobenzene	8.873	112	8704	0.204	ug/L	91
52) Ethylbenzene	9.008	91	14404	0.203	ug/L	98
53) m,p-Xylene	9.133	106	5500	0.196	ug/L	89
54) o-Xylene	9.535	106	5000	0.182	ug/L	92
55) Styrene	9.558	104	9019	0.194	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.233	83	2689	0.257	ug/L	94
59) Bromoform	9.725	173	1383	0.237	ug/L #	89
60) Isopropylbenzene	9.921	105	13781	0.192	ug/L	97
61) 1,2,3-Trichloropropane	10.265	75	1768	0.229	ug/L #	94
62) 1,3,5-Trimethylbenzene	10.529	105	11462	0.184	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	12087	0.193	ug/L	96
64) 1,3-Dichlorobenzene	11.172	146	7004	0.209	ug/L	90
68) 1,2-Dibromo-3-chloropr...	12.413	75	394	0.260	ug/L #	76
69) 1,3,5-Trichlorobenzene	12.635	180	5976	0.216	ug/L #	95
70) 1,2,4-trichlorobenzene	13.249	180	4786	0.214	ug/L	98
71) Naphthalene	13.497	128	5673	0.293	ug/L #	95
72) 1,2,3-Trichlorobenzene	13.731	180	4097	0.225	ug/L	97

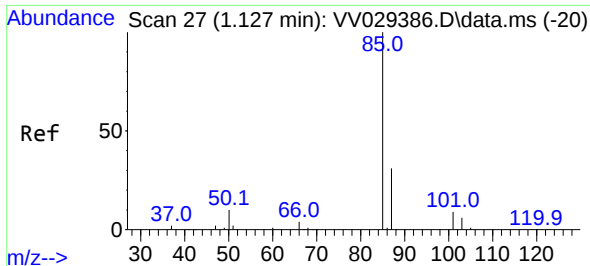
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120522\
Data File : VV029400.D
Acq On : 05 Dec 2022 13:11
Operator : SY/MD
Sample : MDL05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL05

Quant Time: Dec 05 23:30:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Dec 02 21:17:55 2022
Response via : Initial Calibration

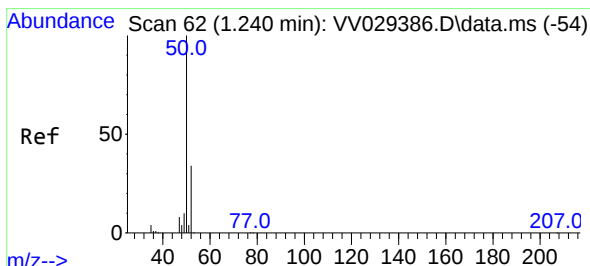
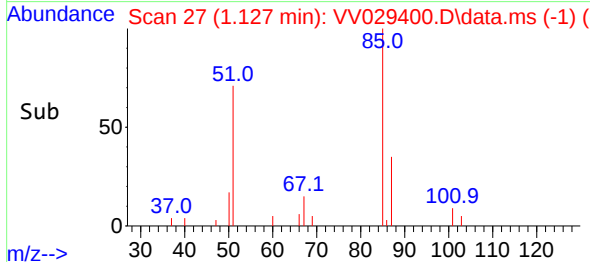
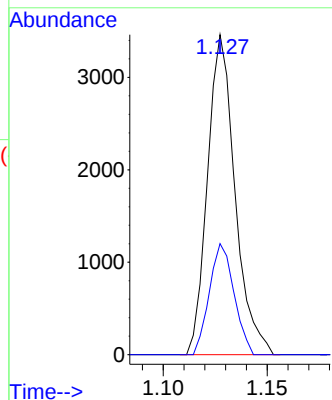
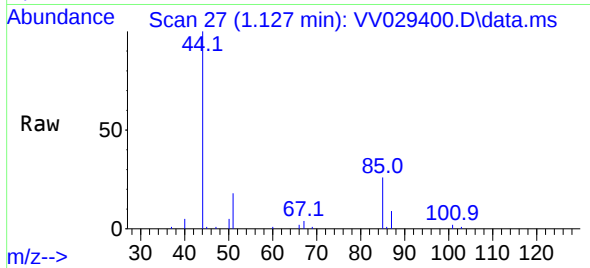




#2
 Dichlorodifluoromethane
 Concen: 0.185 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV029400.D
 Acq: 05 Dec 2022 13:11

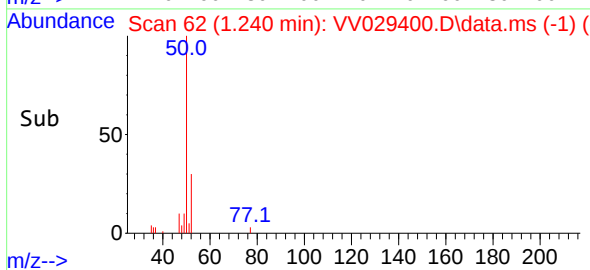
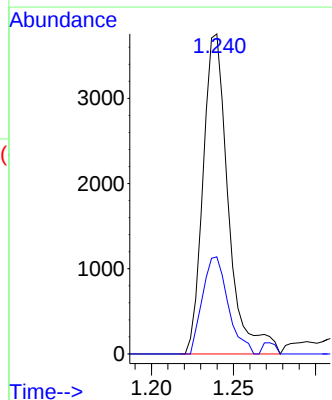
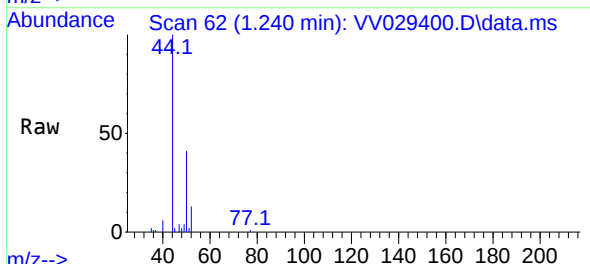
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL05

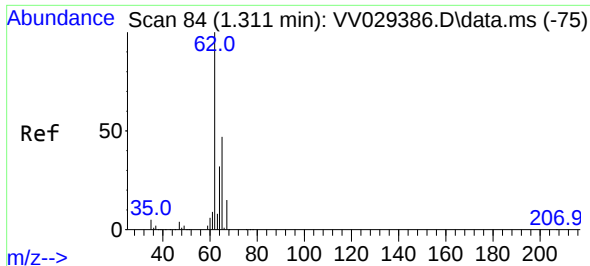
Tgt Ion: 85 Resp: 3186
 Ion Ratio Lower Upper
 85 100
 87 31.0 26.2 39.4



#3
 Chloromethane
 Concen: 0.254 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV029400.D
 Acq: 05 Dec 2022 13:11

Tgt Ion: 50 Resp: 4010
 Ion Ratio Lower Upper
 50 100
 52 30.3 23.2 43.2

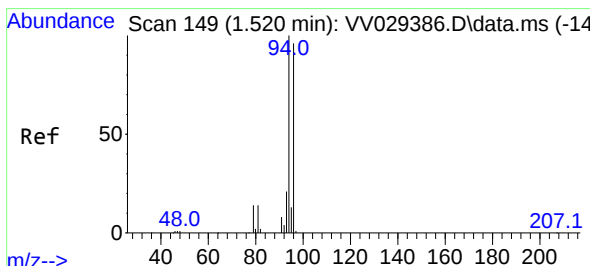
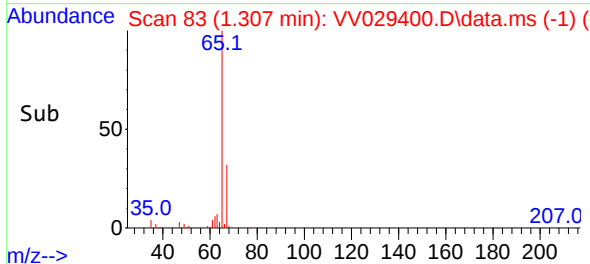
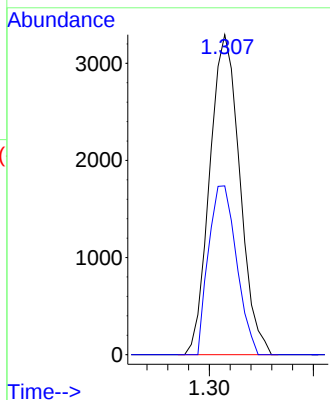
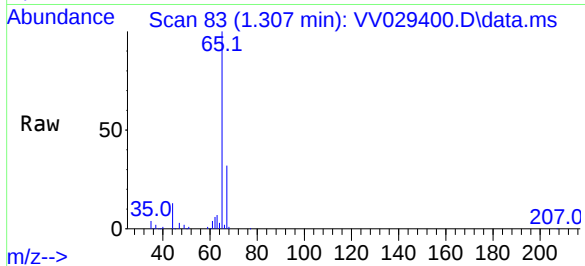




#5
 Vinyl chloride
 Concen: 0.210 ug/L
 RT: 1.307 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VV029400.D
 Acq: 05 Dec 2022 13:11

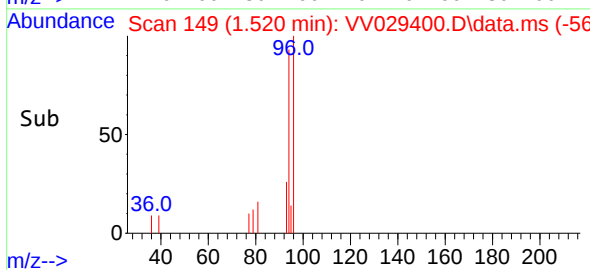
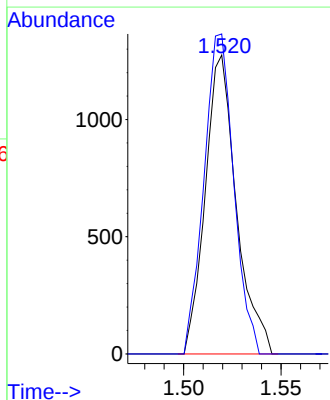
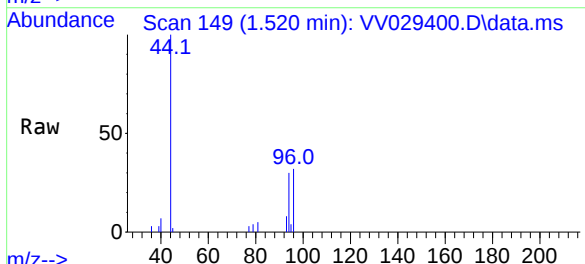
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL05

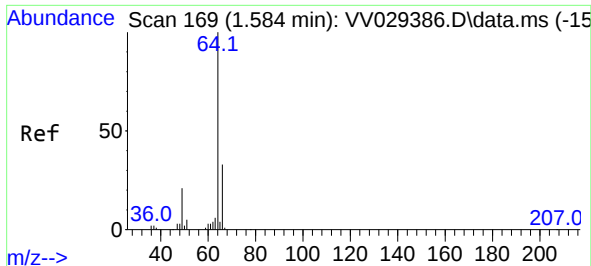
Tgt Ion: 62 Resp: 3309
 Ion Ratio Lower Upper
 62 100
 64 52.7 23.4 43.4#



#6
 Bromomethane
 Concen: 0.145 ug/L
 RT: 1.520 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VV029400.D
 Acq: 05 Dec 2022 13:11

Tgt Ion: 94 Resp: 1422
 Ion Ratio Lower Upper
 94 100
 96 107.1 65.4 121.4

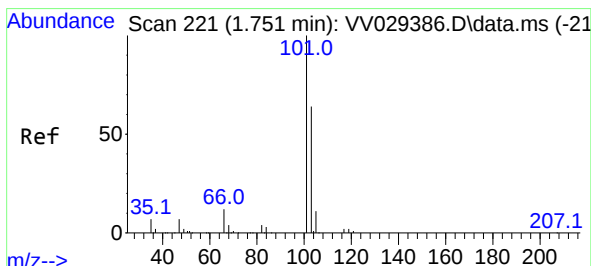
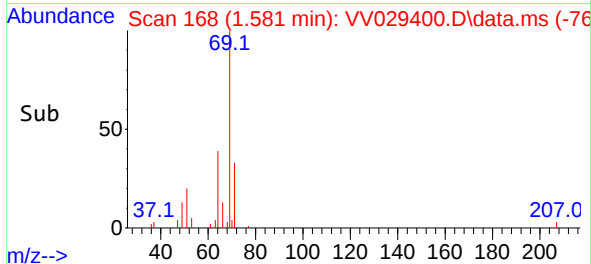
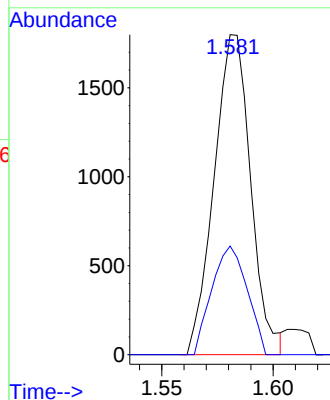
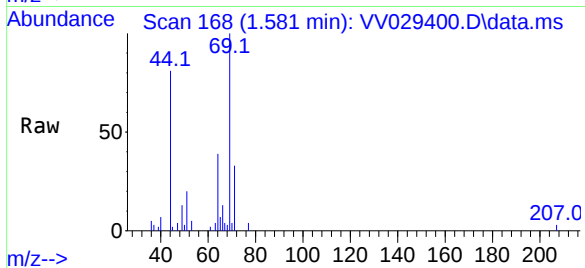




#8
Chloroethane
Concen: 0.220 ug/L
RT: 1.581 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV029400.D
Acq: 05 Dec 2022 13:11

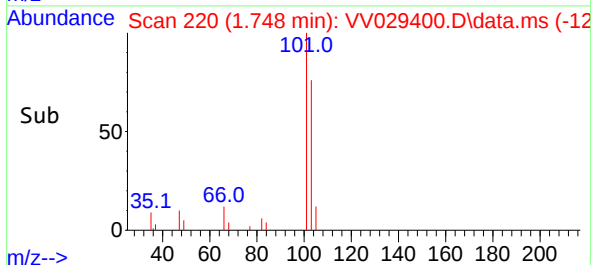
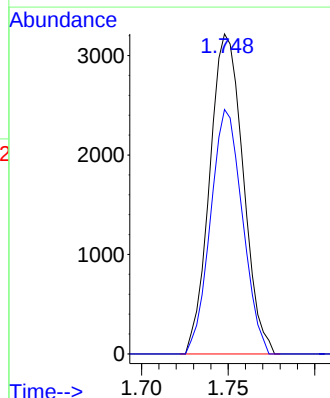
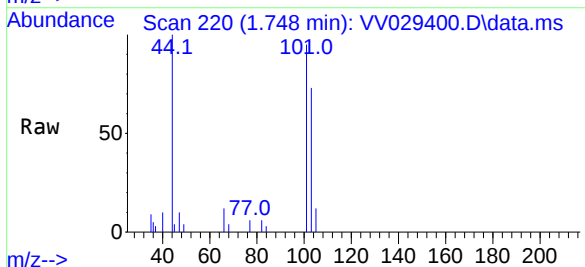
Instrument :
MSVOA_V
ClientSampleId :
MDL05

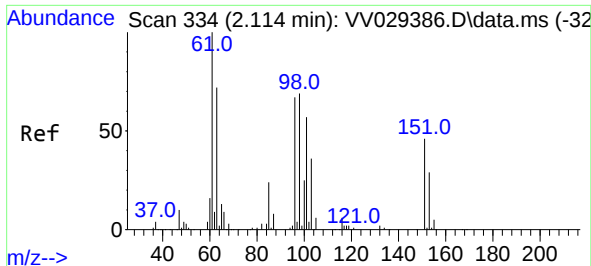
Tgt Ion: 64 Resp: 2055
Ion Ratio Lower Upper
64 100
66 34.0 23.5 43.7



#9
Trichlorofluoromethane
Concen: 0.196 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.003 min
Lab File: VV029400.D
Acq: 05 Dec 2022 13:11

Tgt Ion: 101 Resp: 4315
Ion Ratio Lower Upper
101 100
103 73.0 51.8 77.8

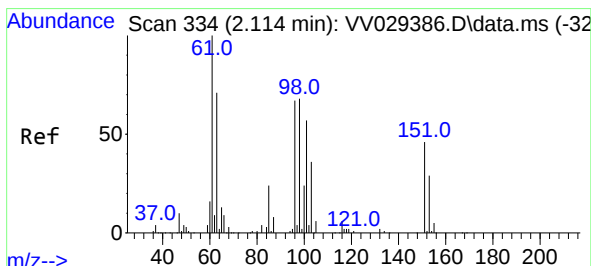
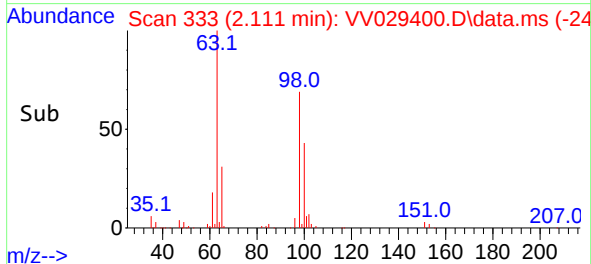
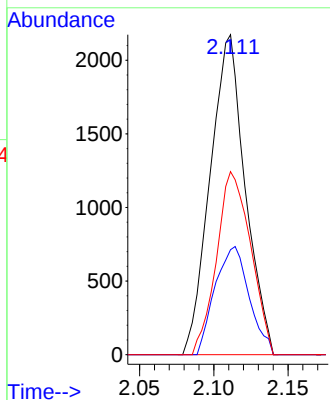
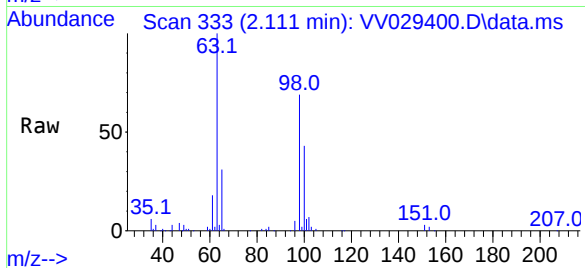




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.291 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.003 min
 Lab File: VV029400.D
 Acq: 05 Dec 2022 13:11

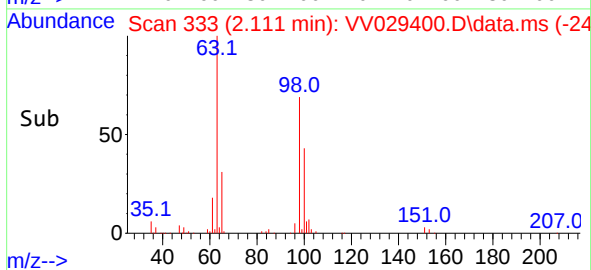
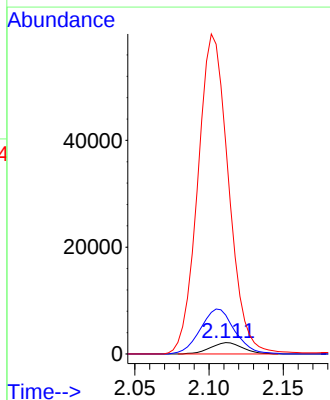
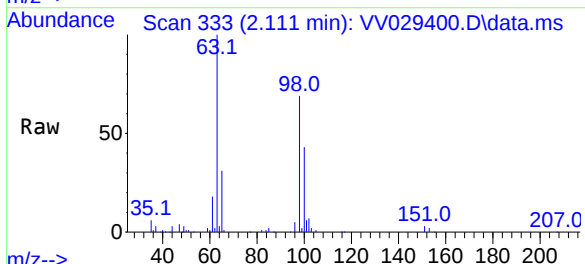
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL05

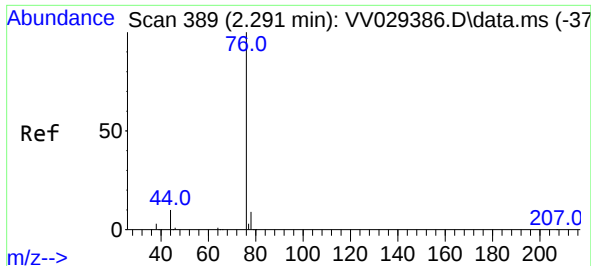
Tgt Ion:101 Resp: 3567
 Ion Ratio Lower Upper
 101 100
 85 33.0 33.6 50.4#
 151 55.8 65.3 97.9#



#12
 1,1-Dichloroethene
 Concen: 0.268 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.003 min
 Lab File: VV029400.D
 Acq: 05 Dec 2022 13:11

Tgt Ion: 96 Resp: 3184
 Ion Ratio Lower Upper
 96 100
 61 343.3 110.3 204.9#
 63 1861.0 84.4 156.8#

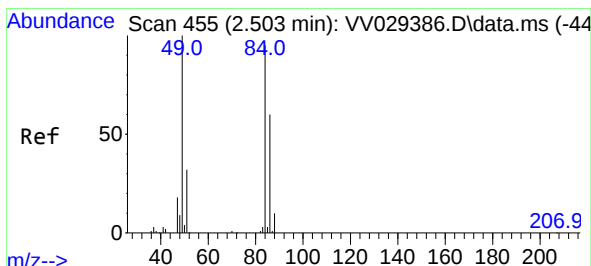
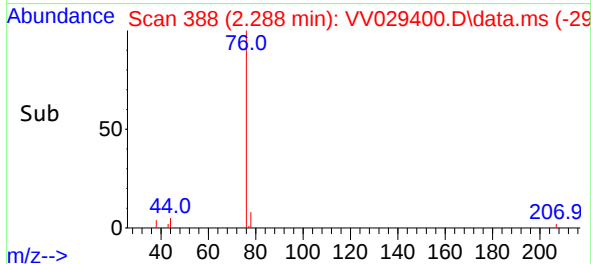
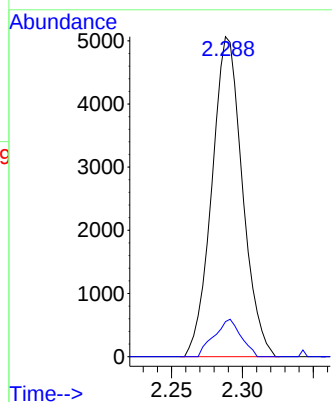
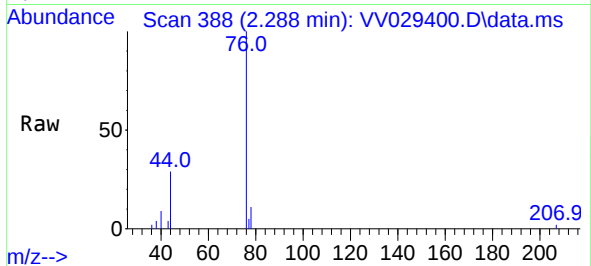




#14
Carbon disulfide
Concen: 0.220 ug/L
RT: 2.288 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV029400.D
Acq: 05 Dec 2022 13:11

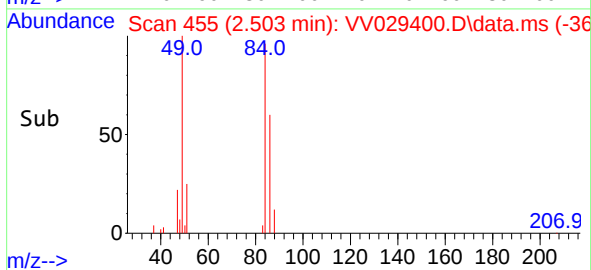
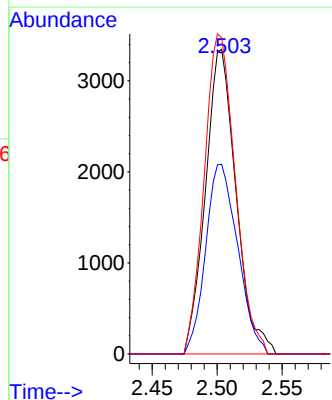
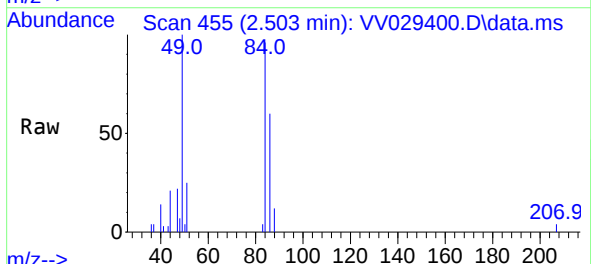
Instrument :
MSVOA_V
ClientSampleId :
MDL05

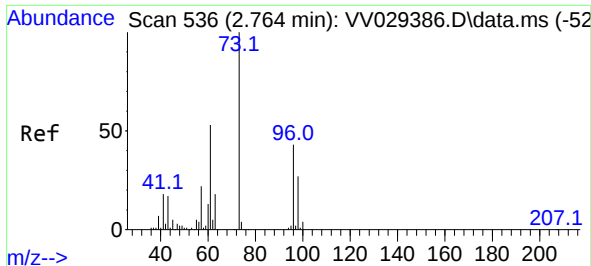
Tgt Ion: 76 Resp: 7599
Ion Ratio Lower Upper
76 100
78 10.9 7.4 11.2



#16
Methylene chloride
Concen: 0.302 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV029400.D
Acq: 05 Dec 2022 13:11

Tgt Ion: 84 Resp: 5484
Ion Ratio Lower Upper
84 100
86 62.3 45.6 84.6
49 103.8 77.8 144.4





#17

Methyl tert-butyl Ether

Concen: 0.209 ug/L

RT: 2.767 min Scan# 51

Delta R.T. 0.003 min

Lab File: VV029400.D

Acq: 05 Dec 2022 13:11

Instrument :

MSVOA_V

ClientSampleId :

MDL05

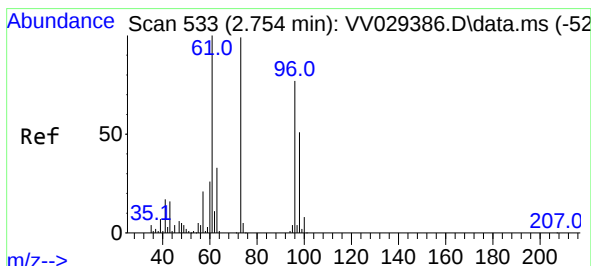
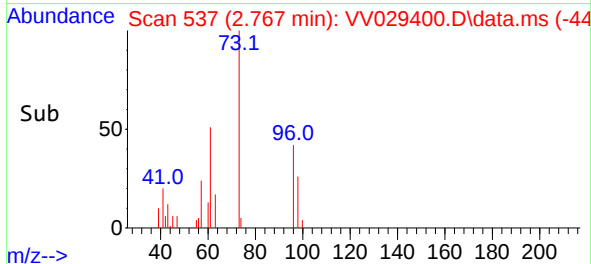
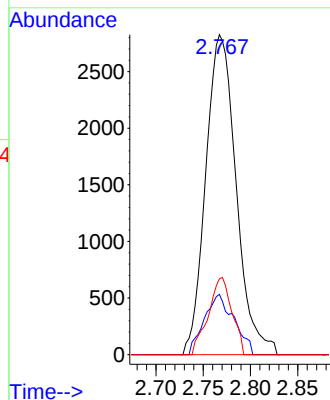
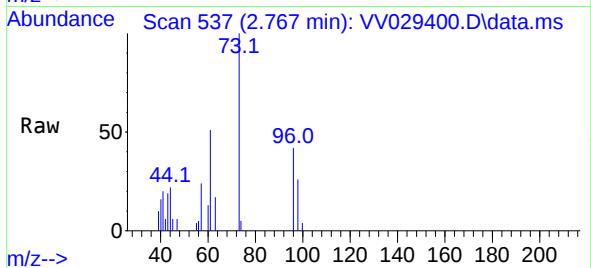
Tgt Ion: 73 Resp: 6338

Ion Ratio Lower Upper

73 100

43 18.4 13.2 19.8

57 18.7 16.9 25.3



#18

trans-1,2-Dichloroethene

Concen: 0.214 ug/L

RT: 2.761 min Scan# 535

Delta R.T. 0.006 min

Lab File: VV029400.D

Acq: 05 Dec 2022 13:11

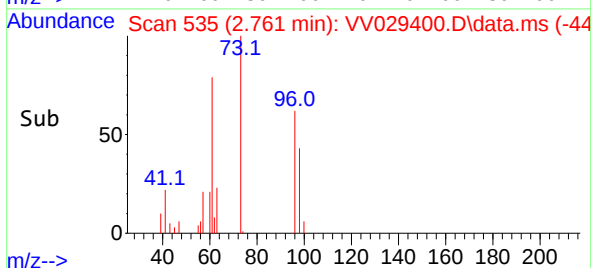
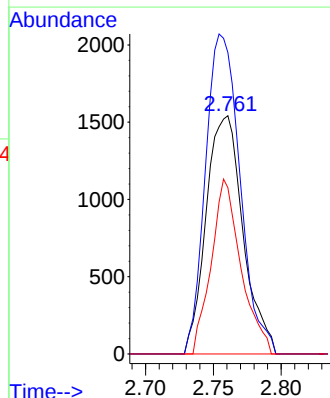
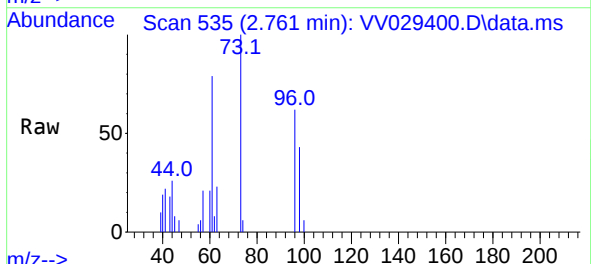
Tgt Ion: 96 Resp: 2920

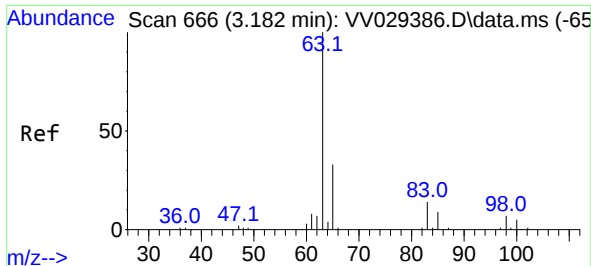
Ion Ratio Lower Upper

96 100

61 126.5 93.0 172.6

98 69.8 44.0 81.8

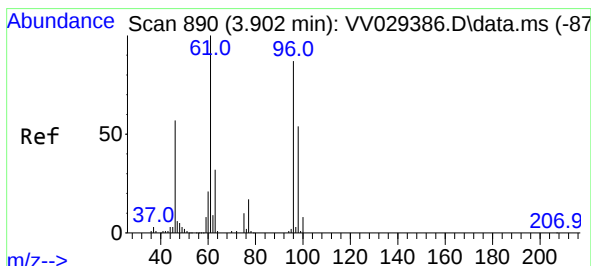
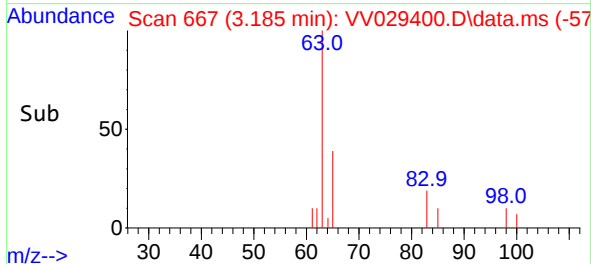
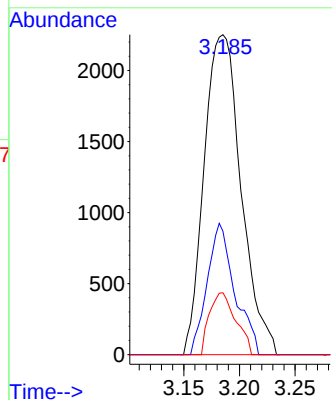
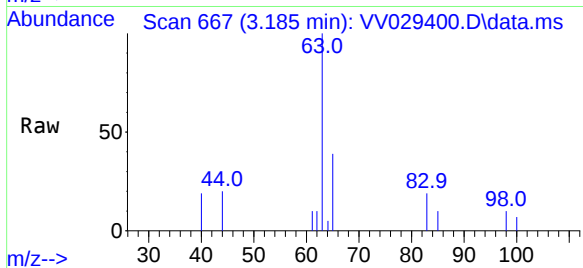




#19
1,1-Dichloroethane
Concen: 0.212 ug/L
RT: 3.185 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV029400.D
Acq: 05 Dec 2022 13:11

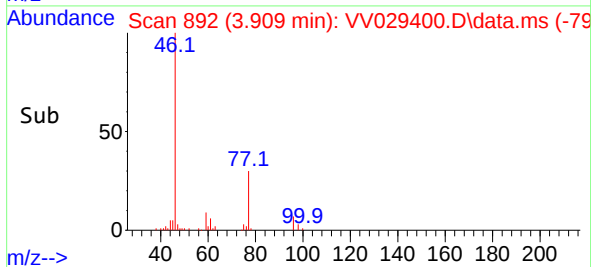
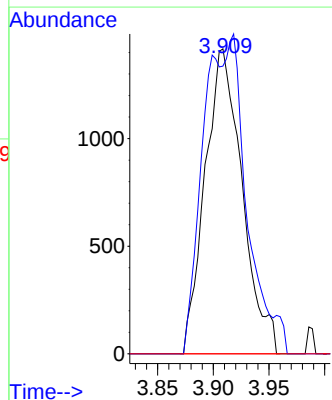
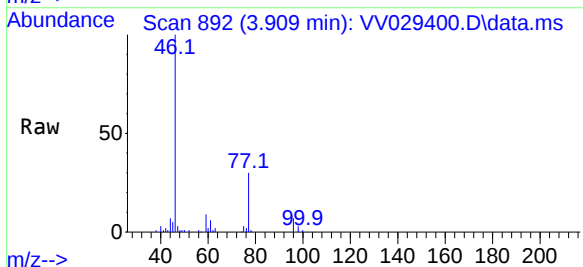
Instrument :
MSVOA_V
ClientSampleId :
MDL05

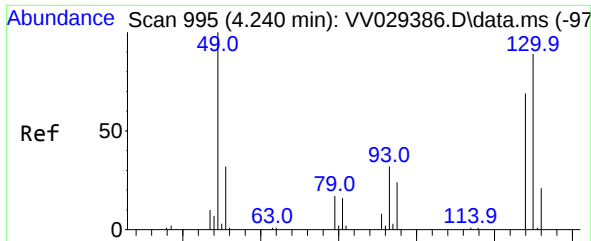
Tgt Ion: 63 Resp: 5204
Ion Ratio Lower Upper
63 100
65 38.6 21.6 40.2
83 19.4 10.3 19.1#



#22
cis-1,2-Dichloroethene
Concen: 0.211 ug/L
RT: 3.909 min Scan# 892
Delta R.T. 0.006 min
Lab File: VV029400.D
Acq: 05 Dec 2022 13:11

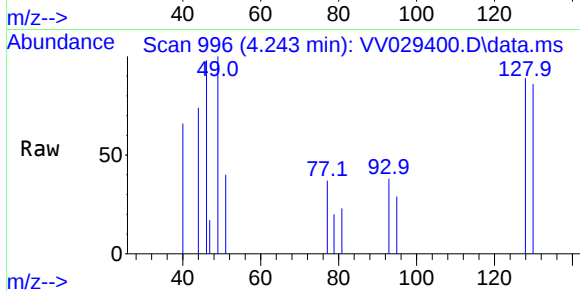
Tgt Ion: 96 Resp: 3288
Ion Ratio Lower Upper
96 100
61 94.4 85.8 159.3
68 0.0 0.0 0.0





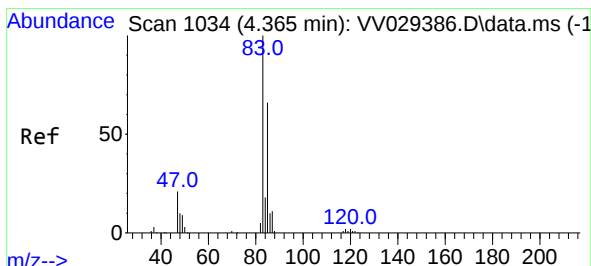
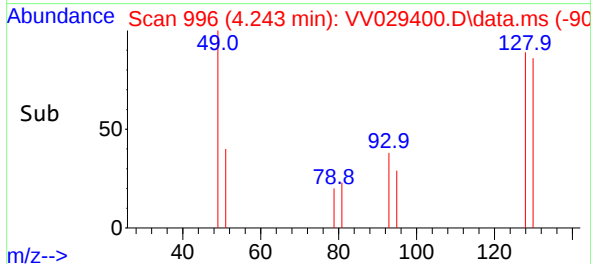
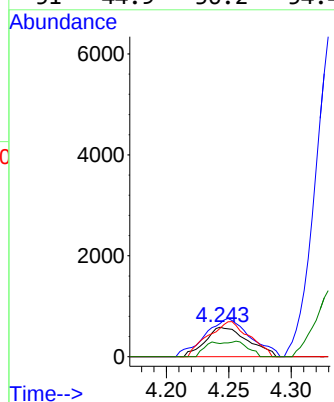
#23
Bromochloromethane
Concen: 0.222 ug/L
RT: 4.243 min Scan# 995
Delta R.T. 0.003 min
Lab File: VV029400.D
Acq: 05 Dec 2022 13:11

Instrument :
MSVOA_V
ClientSampleId :
MDL05



Tgt Ion:128 Resp: 1384

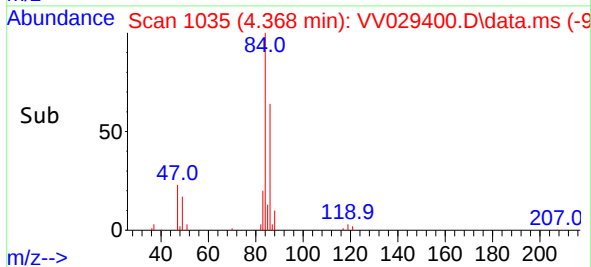
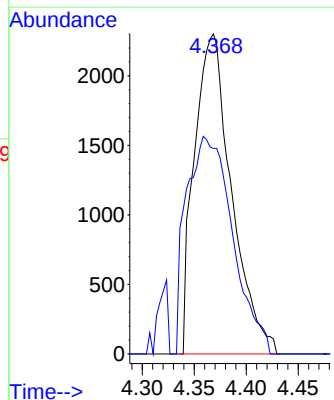
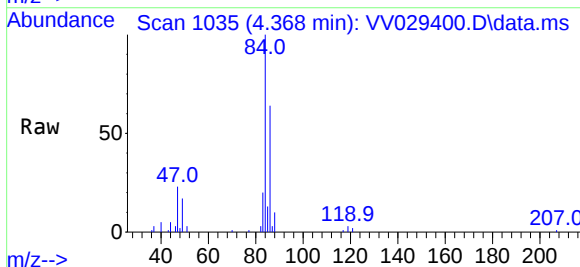
Ion	Ratio	Lower	Upper
128	100		
49	112.3	100.0	185.8
130	96.2	90.2	167.6
51	44.9	36.2	54.4

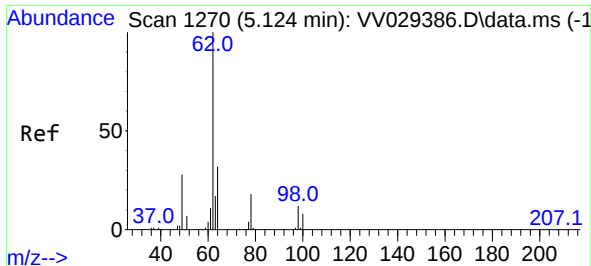


#25
Chloroform
Concen: 0.223 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. 0.003 min
Lab File: VV029400.D
Acq: 05 Dec 2022 13:11

Tgt Ion: 83 Resp: 5716

Ion	Ratio	Lower	Upper
83	100		
85	64.2	45.4	84.4

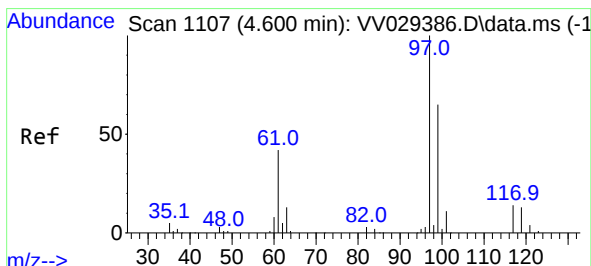
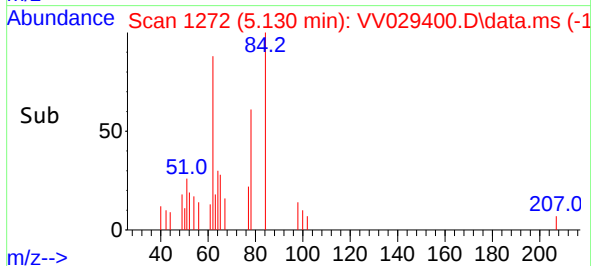
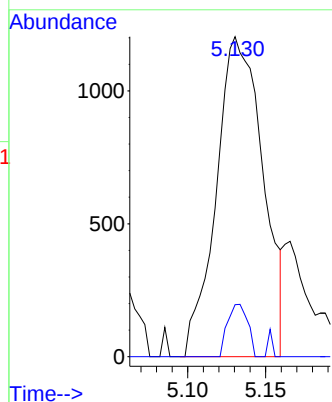
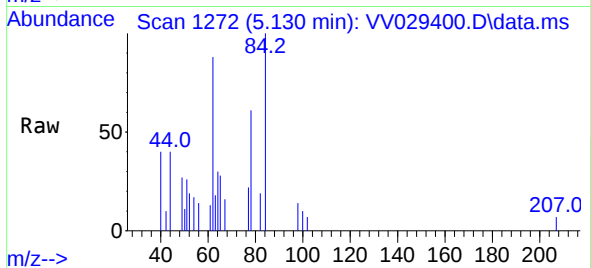




#27
1,2-Dichloroethane
Concen: 0.181 ug/L
RT: 5.130 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VV029400.D
Acq: 05 Dec 2022 13:11

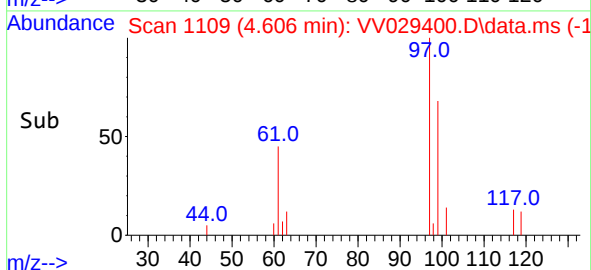
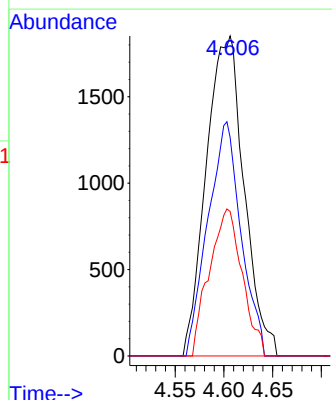
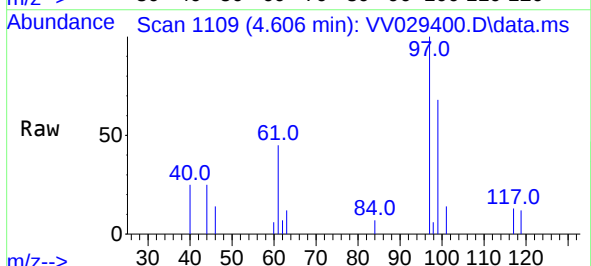
Instrument :
MSVOA_V
ClientSampleId :
MDL05

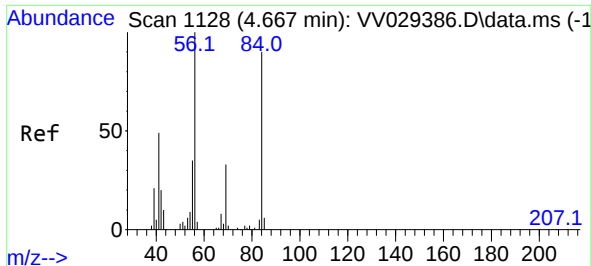
Tgt Ion: 62 Resp: 2510
Ion Ratio Lower Upper
62 100
98 16.3 8.4 12.6#



#29
1,1,1-Trichloroethane
Concen: 0.205 ug/L
RT: 4.606 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VV029400.D
Acq: 05 Dec 2022 13:11

Tgt Ion: 97 Resp: 4996
Ion Ratio Lower Upper
97 100
99 64.2 51.2 76.8
61 40.0 33.3 49.9

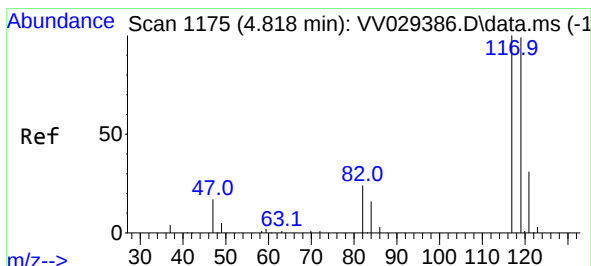
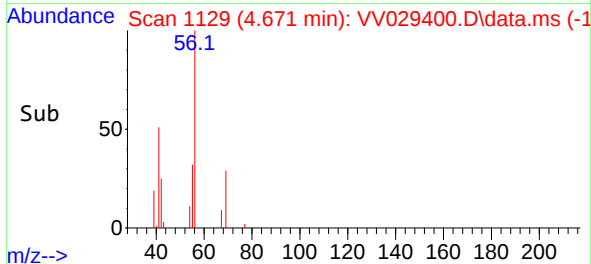
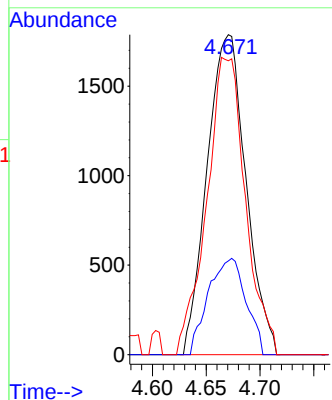
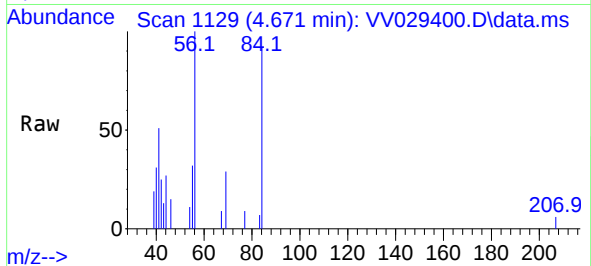




#30
Cyclohexane
Concen: 0.186 ug/L
RT: 4.671 min Scan# 1128
Delta R.T. 0.003 min
Lab File: VV029400.D
Acq: 05 Dec 2022 13:11

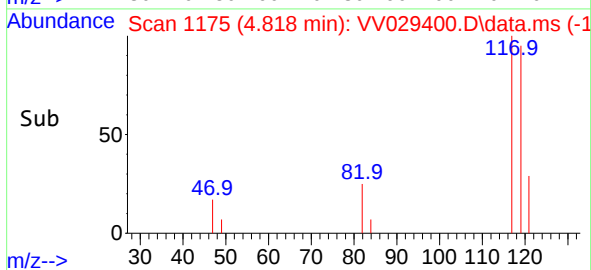
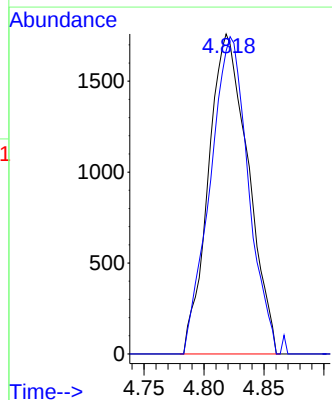
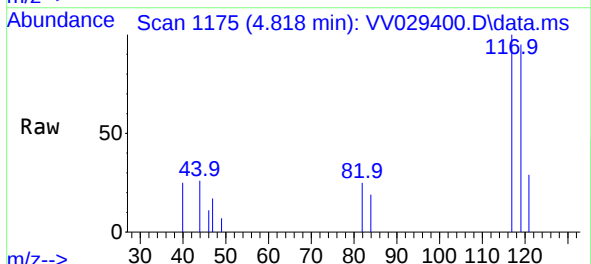
Instrument :
MSVOA_V
ClientSampleId :
MDL05

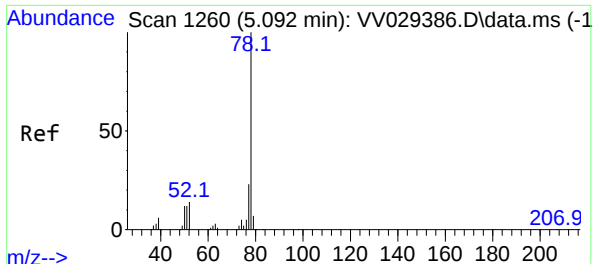
Tgt Ion: 56 Resp: 4494
Ion Ratio Lower Upper
56 100
69 29.1 26.1 39.1
84 92.4 75.6 113.4



#31
Carbon tetrachloride
Concen: 0.196 ug/L
RT: 4.818 min Scan# 1175
Delta R.T. 0.000 min
Lab File: VV029400.D
Acq: 05 Dec 2022 13:11

Tgt Ion: 117 Resp: 4054
Ion Ratio Lower Upper
117 100
119 95.3 75.7 113.5

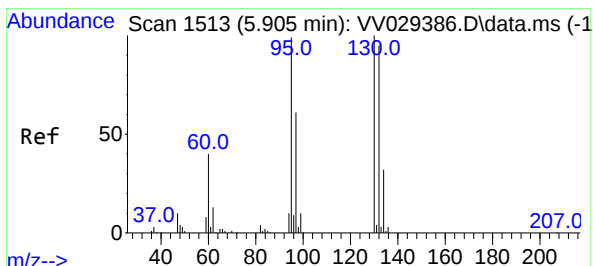
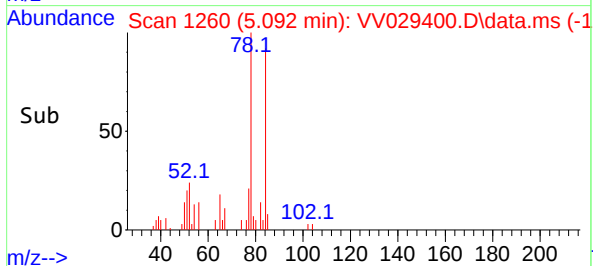
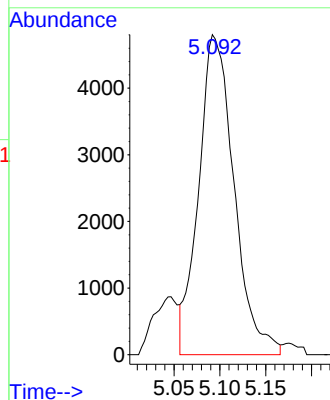
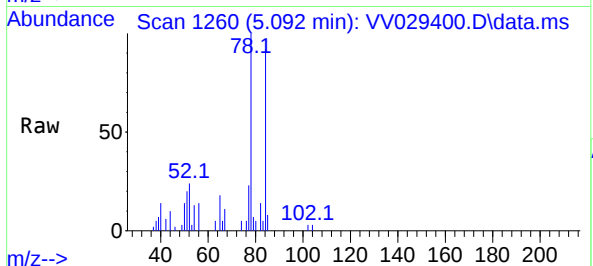




#33
Benzene
Concen: 0.203 ug/L
RT: 5.092 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV029400.D
Acq: 05 Dec 2022 13:11

Instrument :
MSVOA_V
ClientSampleId :
MDL05

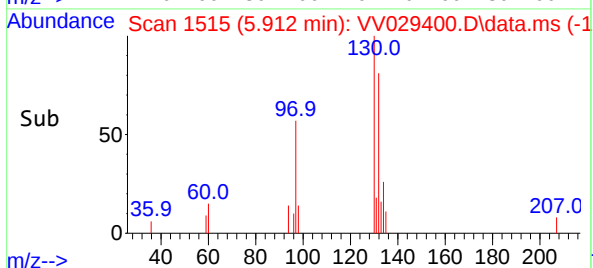
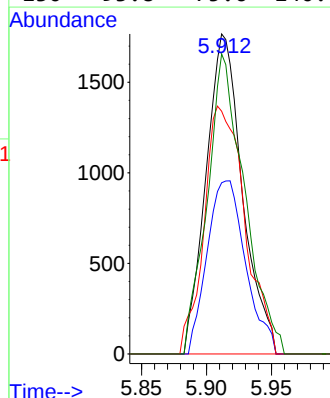
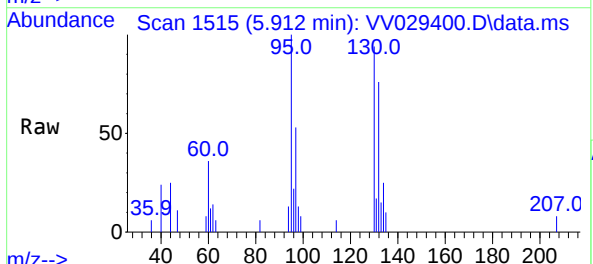
Tgt Ion: 78 Resp: 12864

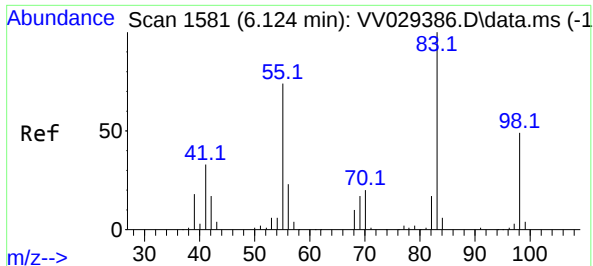


#34
Trichloroethene
Concen: 0.212 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.006 min
Lab File: VV029400.D
Acq: 05 Dec 2022 13:11

Tgt Ion: 95 Resp: 3441

Ion	Ratio	Lower	Upper
95	100		
97	53.5	45.4	84.4
132	75.8	73.3	136.1
130	93.8	75.6	140.4

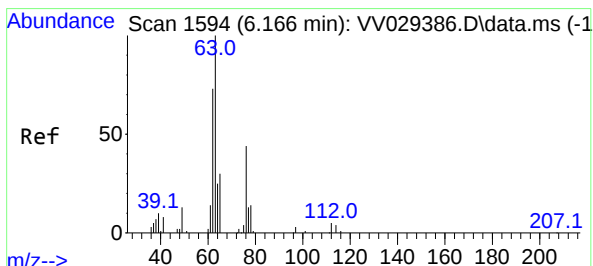
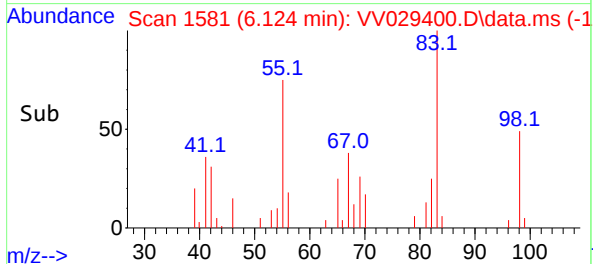
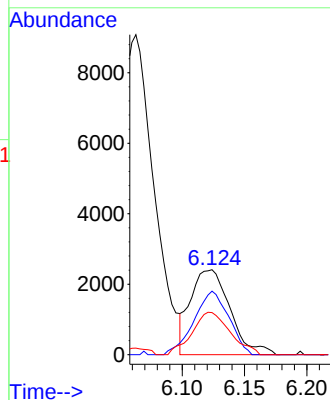
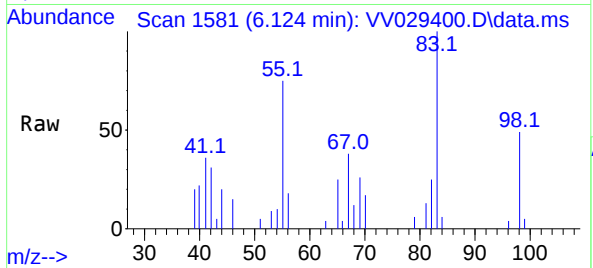




#35
Methylcyclohexane
Concen: 0.195 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. 0.000 min
Lab File: VV029400.D
Acq: 05 Dec 2022 13:11

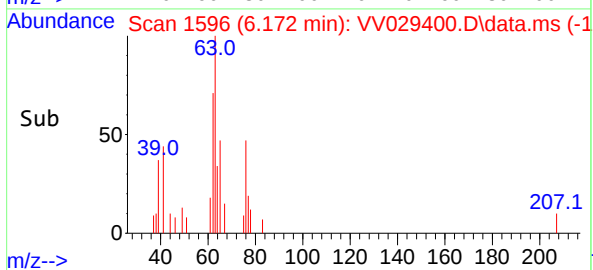
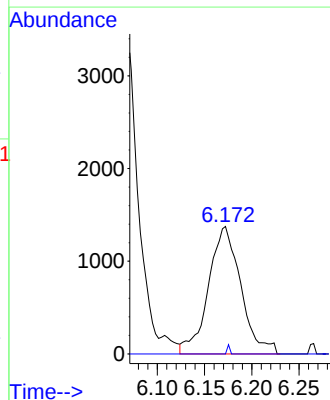
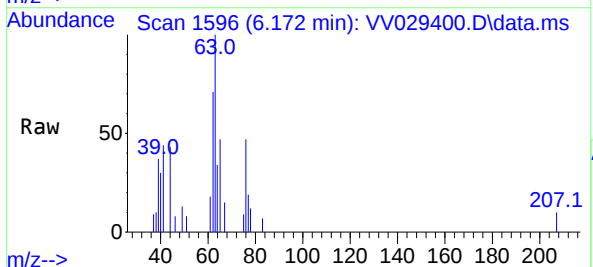
Instrument :
MSVOA_V
ClientSampleId :
MDL05

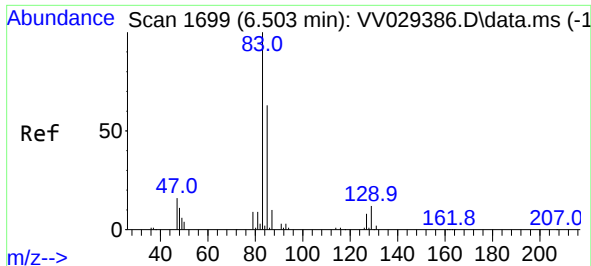
Tgt Ion:	83	Resp:	5320
Ion	Ratio	Lower	Upper
83	100		
55	65.8	55.4	83.2
98	47.9	39.4	59.2



#37
1,2-Dichloropropane
Concen: 0.218 ug/L
RT: 6.172 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VV029400.D
Acq: 05 Dec 2022 13:11

Tgt Ion:	63	Resp:	3263
Ion	Ratio	Lower	Upper
63	100		
112	0.6	4.1	6.1#

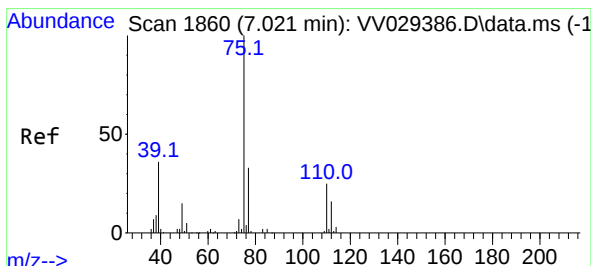
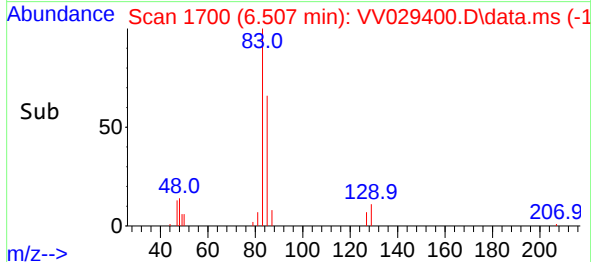
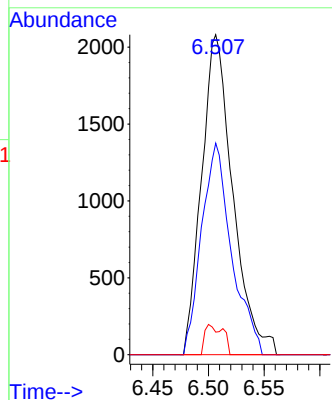
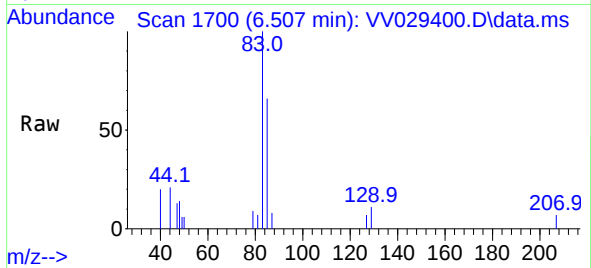




#38
Bromodichloromethane
Concen: 0.227 ug/L
RT: 6.507 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV029400.D
Acq: 05 Dec 2022 13:11

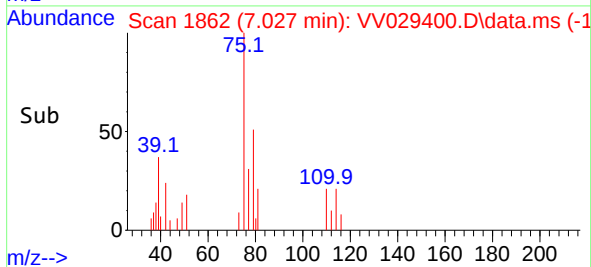
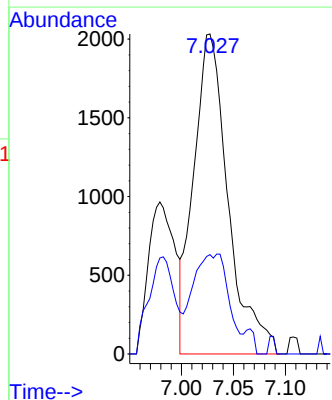
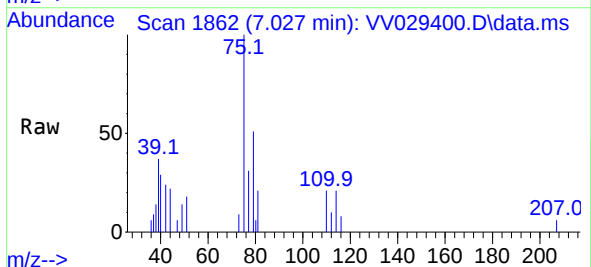
Instrument :
MSVOA_V
ClientSampleId :
MDL05

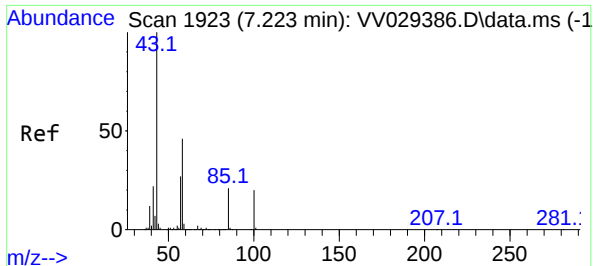
Tgt Ion: 83 Resp: 4057
Ion Ratio Lower Upper
83 100
85 66.1 44.7 83.1
127 7.1 7.4 11.2#



#39
cis-1,3-Dichloropropene
Concen: 0.215 ug/L
RT: 7.027 min Scan# 1862
Delta R.T. 0.006 min
Lab File: VV029400.D
Acq: 05 Dec 2022 13:11

Tgt Ion: 75 Resp: 4692
Ion Ratio Lower Upper
75 100
77 31.0 22.7 42.3

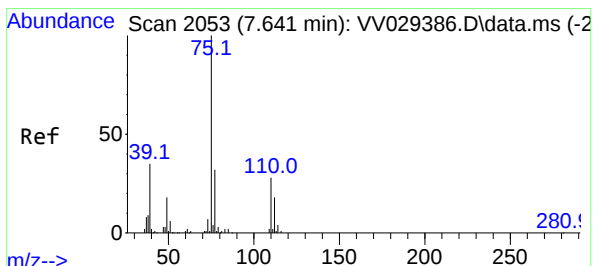
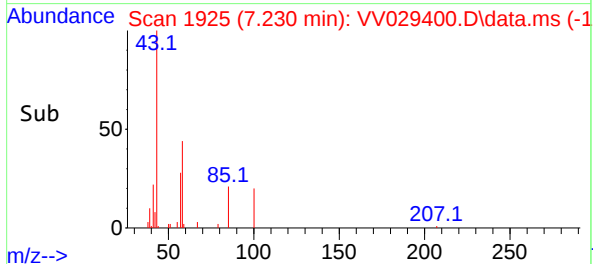
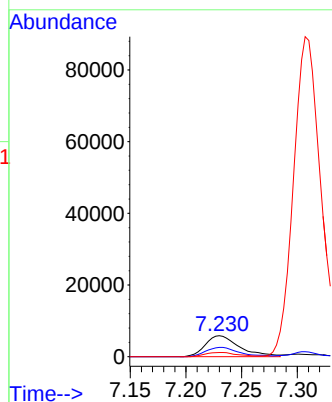
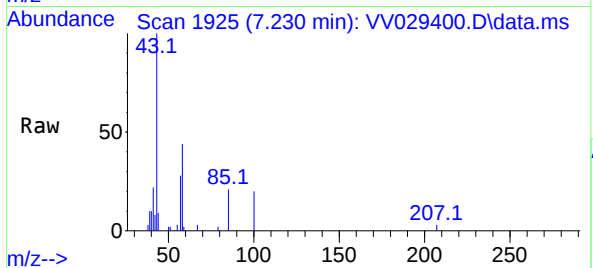




#40
4-Methyl-2-pentanone
Concen: 1.790 ug/L
RT: 7.230 min Scan# 1923
Delta R.T. 0.006 min
Lab File: VV029400.D
Acq: 05 Dec 2022 13:11

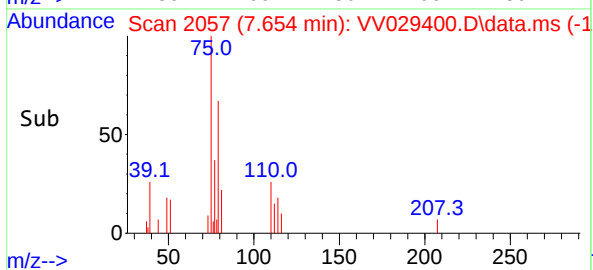
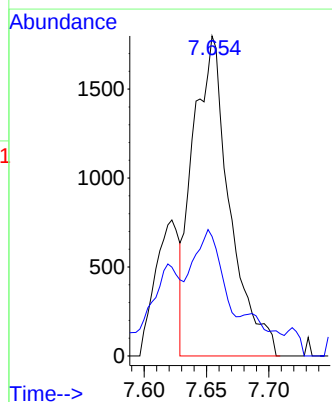
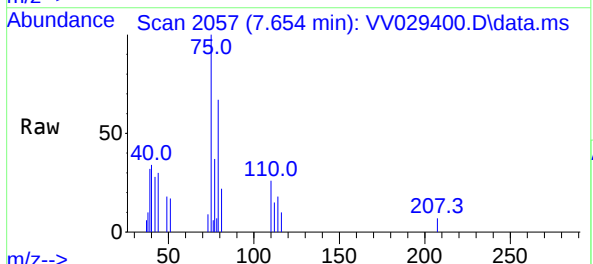
Instrument :
MSVOA_V
ClientSampleId :
MDL05

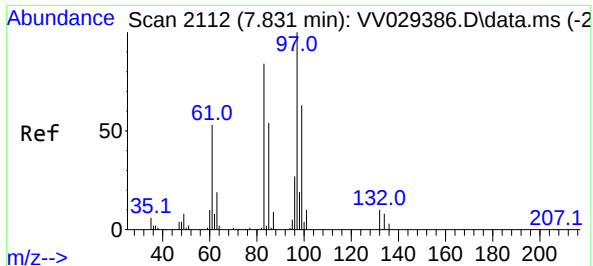
Tgt Ion: 43 Resp: 12529
Ion Ratio Lower Upper
43 100
58 43.1 35.3 52.9
100 0.0 15.3 22.9#



#44
trans-1,3-Dichloropropene
Concen: 0.213 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. 0.013 min
Lab File: VV029400.D
Acq: 05 Dec 2022 13:11

Tgt Ion: 75 Resp: 3690
Ion Ratio Lower Upper
75 100
77 37.4 22.4 41.6





#45

1,1,2-Trichloroethane

Concen: 0.210 ug/L

RT: 7.834 min Scan# 2112

Delta R.T. 0.003 min

Lab File: VV029400.D

Acq: 05 Dec 2022 13:11

Instrument :

MSVOA_V

ClientSampleId :

MDL05

Tgt Ion: 97 Resp: 2122

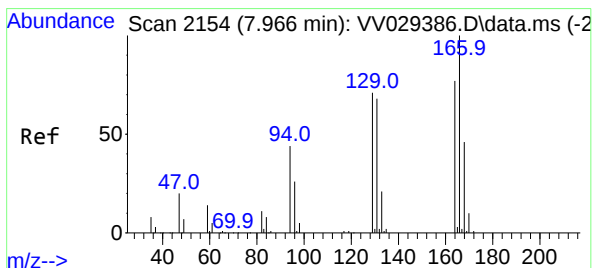
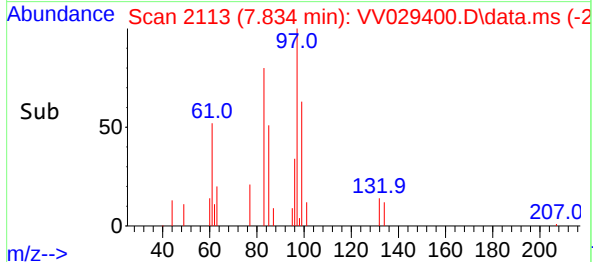
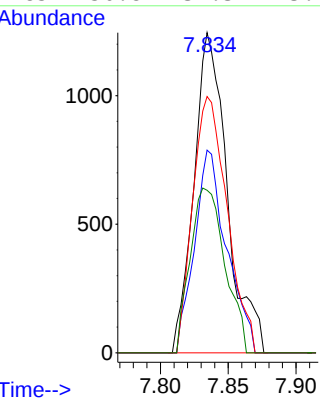
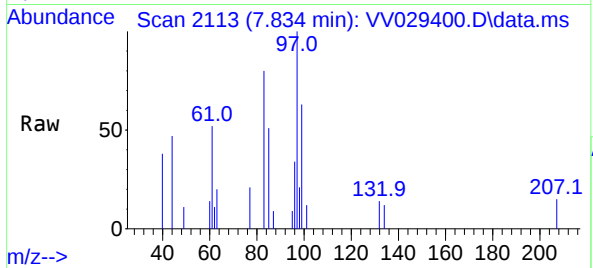
Ion Ratio Lower Upper

97 100

99 63.3 44.4 82.5

83 80.1 59.5 110.5

85 50.8 39.3 73.1



#47

Tetrachloroethene

Concen: 0.179 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. 0.003 min

Lab File: VV029400.D

Acq: 05 Dec 2022 13:11

Tgt Ion: 164 Resp: 2378

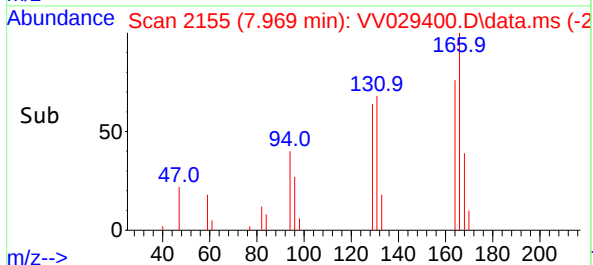
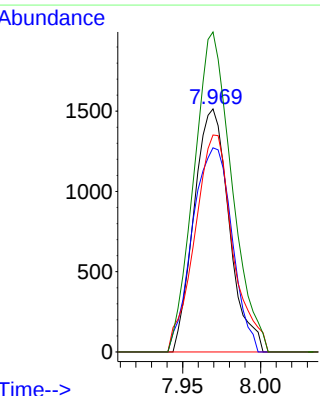
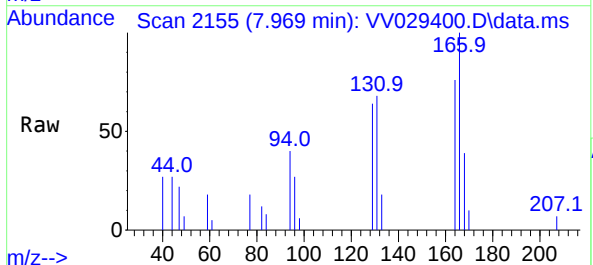
Ion Ratio Lower Upper

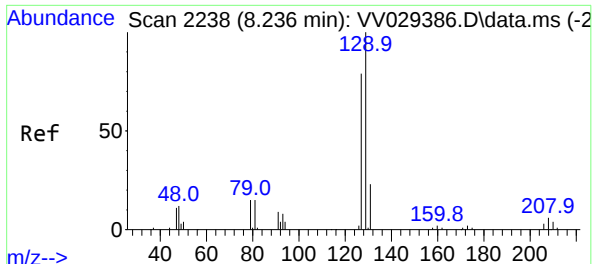
164 100

129 84.0 61.7 114.7

131 89.3 62.9 116.9

166 131.7 88.5 164.3

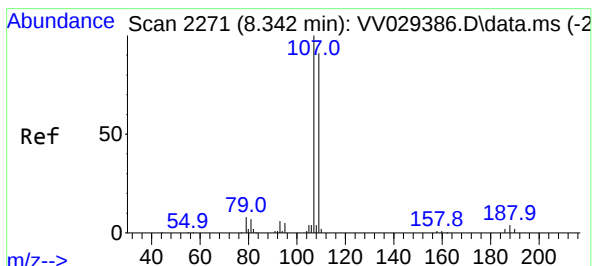
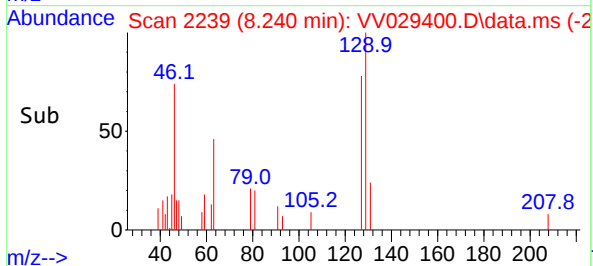
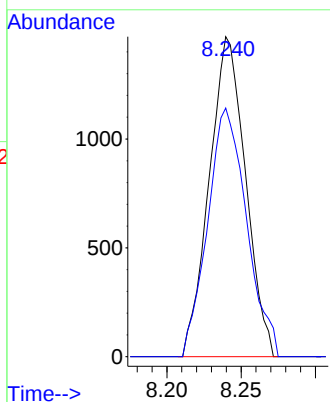
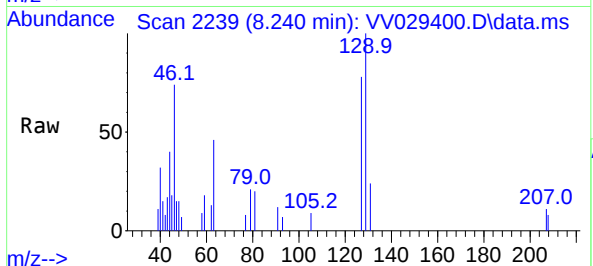




#49
Dibromochloromethane
Concen: 0.219 ug/L
RT: 8.240 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV029400.D
Acq: 05 Dec 2022 13:11

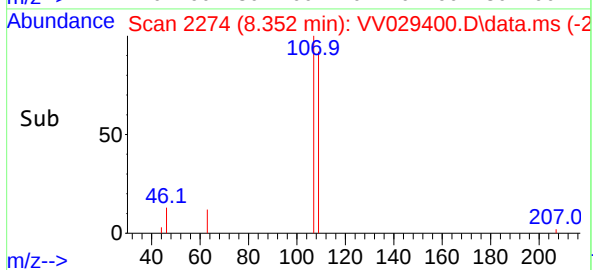
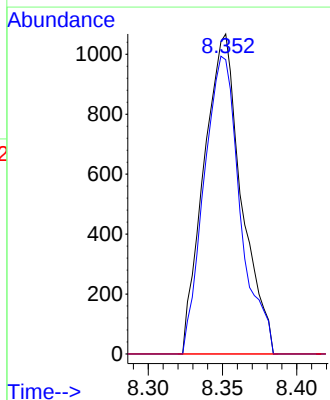
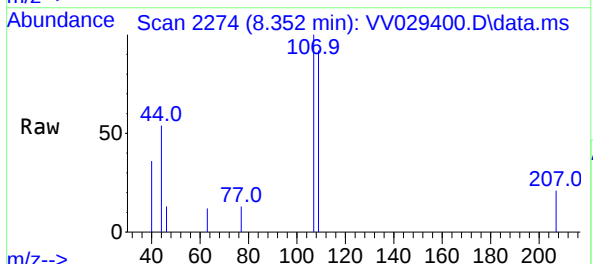
Instrument :
MSVOA_V
ClientSampleId :
MDL05

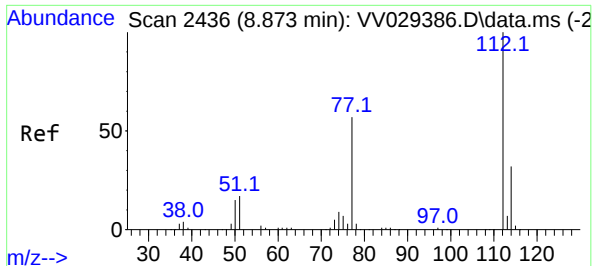
Tgt Ion:129 Resp: 2494
Ion Ratio Lower Upper
129 100
127 77.7 53.1 98.7



#50
1,2-Dibromoethane
Concen: 0.213 ug/L
RT: 8.352 min Scan# 2274
Delta R.T. 0.010 min
Lab File: VV029400.D
Acq: 05 Dec 2022 13:11

Tgt Ion:107 Resp: 1880
Ion Ratio Lower Upper
107 100
109 91.9 64.0 118.8
188 0.0 3.0 4.4#





#51

Chlorobenzene

Concen: 0.204 ug/L

RT: 8.873 min Scan# 2436

Delta R.T. 0.000 min

Lab File: VV029400.D

Acq: 05 Dec 2022 13:11

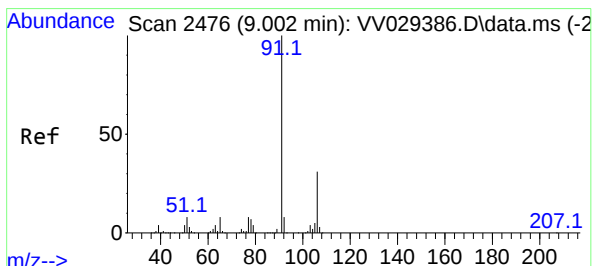
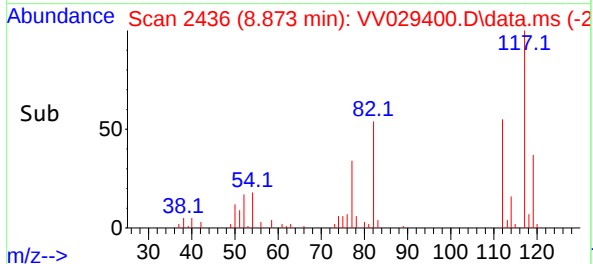
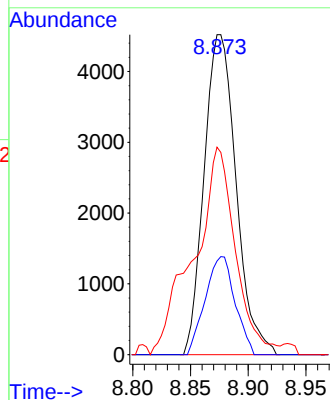
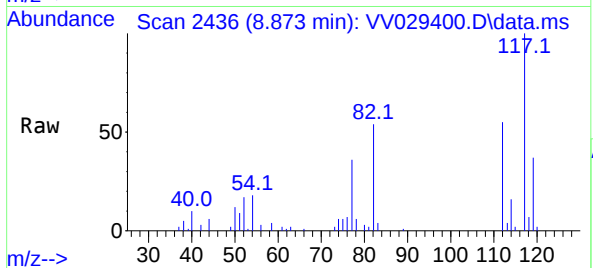
Instrument :

MSVOA_V

ClientSampleId :

MDL05

Tgt Ion:	112	Resp:	8704
Ion	Ratio	Lower	Upper
112	100		
114	29.2	22.9	42.5
77	64.9	45.3	67.9



#52

Ethylbenzene

Concen: 0.203 ug/L

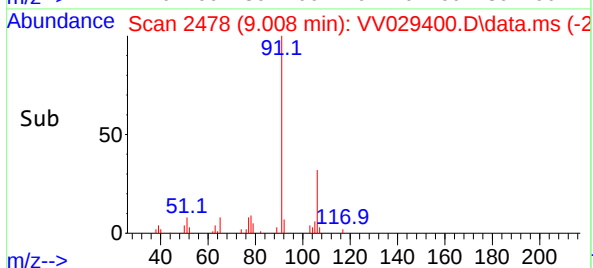
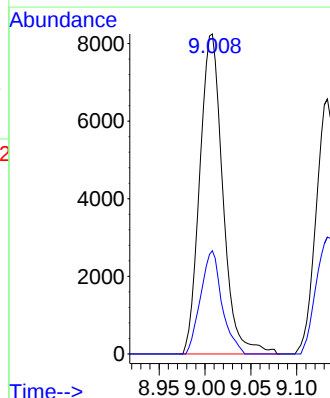
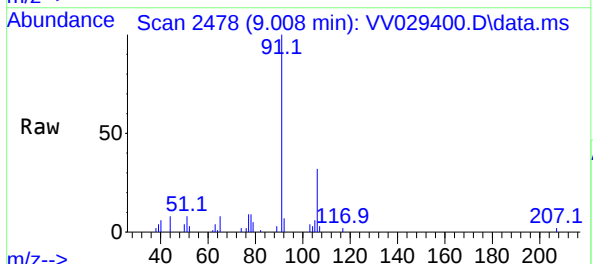
RT: 9.008 min Scan# 2478

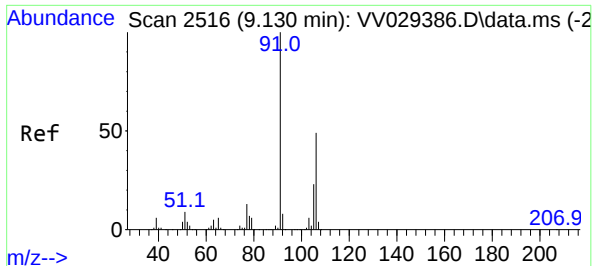
Delta R.T. 0.006 min

Lab File: VV029400.D

Acq: 05 Dec 2022 13:11

Tgt Ion:	91	Resp:	14404
Ion	Ratio	Lower	Upper
91	100		
106	32.3	21.9	40.7





#53

m,p-Xylene

Concen: 0.196 ug/L

RT: 9.133 min Scan# 2516

Delta R.T. 0.003 min

Lab File: VV029400.D

Acq: 05 Dec 2022 13:11

Instrument :

MSVOA_V

ClientSampleId :

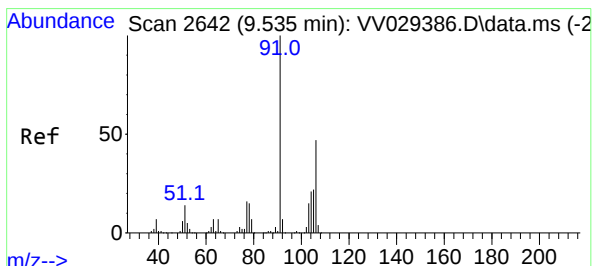
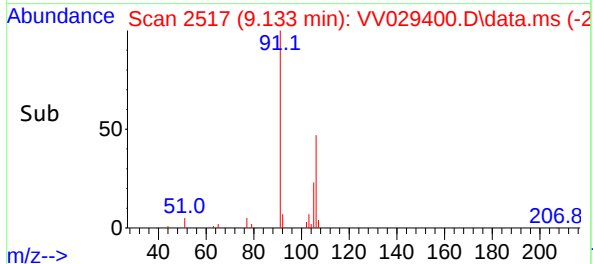
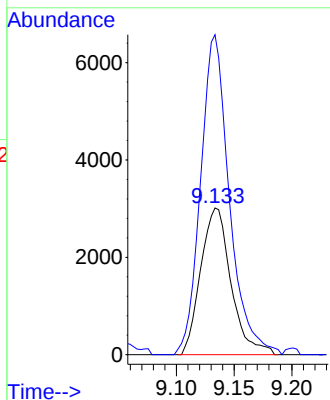
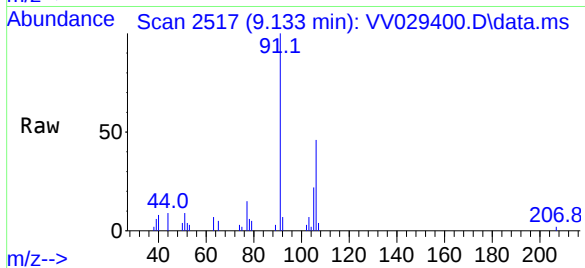
MDL05

Tgt Ion:106 Resp: 5500

Ion Ratio Lower Upper

106 100

91 218.0 140.6 261.2



#54

o-Xylene

Concen: 0.182 ug/L

RT: 9.535 min Scan# 2642

Delta R.T. 0.000 min

Lab File: VV029400.D

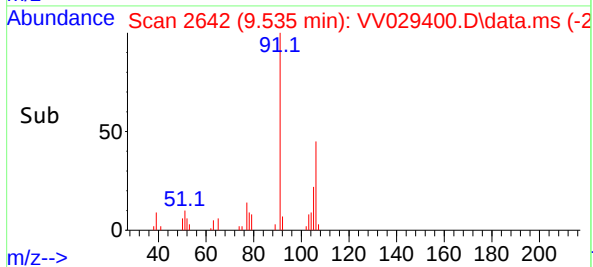
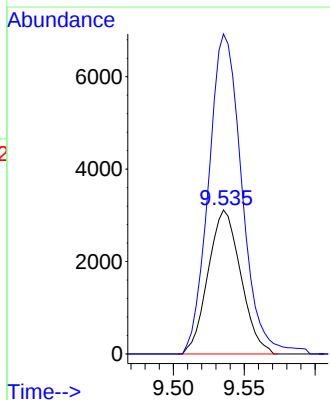
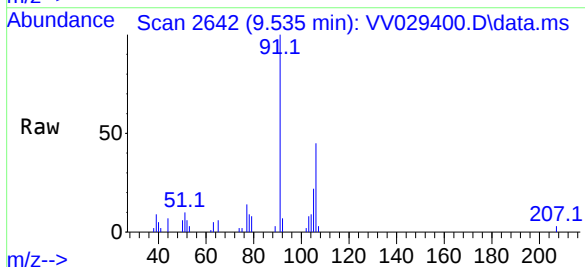
Acq: 05 Dec 2022 13:11

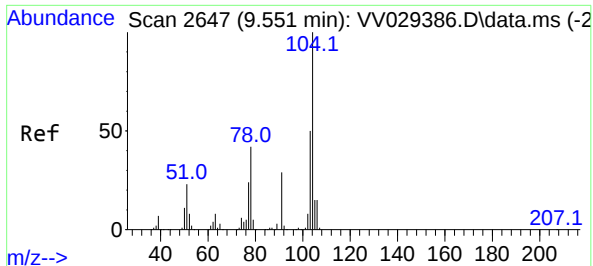
Tgt Ion:106 Resp: 5000

Ion Ratio Lower Upper

106 100

91 222.2 146.9 272.9

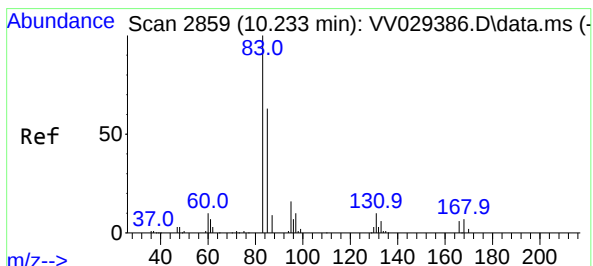
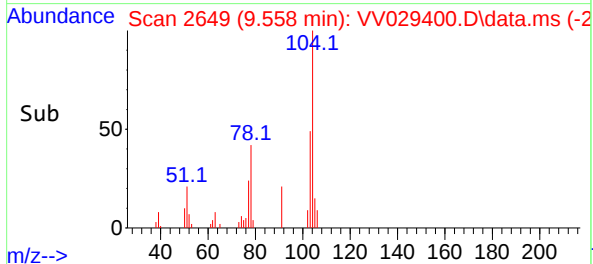
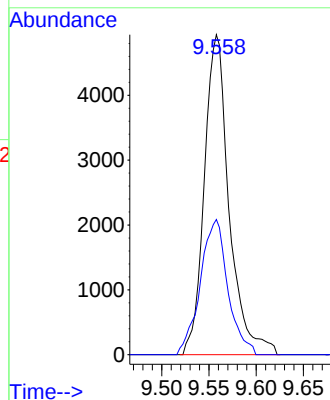
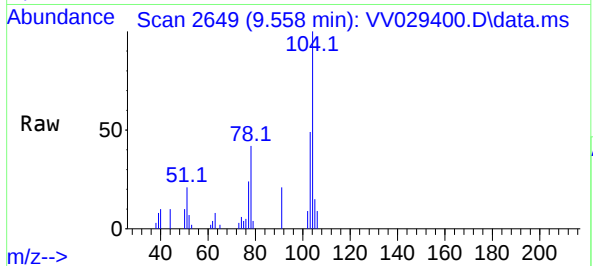




#55
Styrene
Concen: 0.194 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.006 min
Lab File: VV029400.D
Acq: 05 Dec 2022 13:11

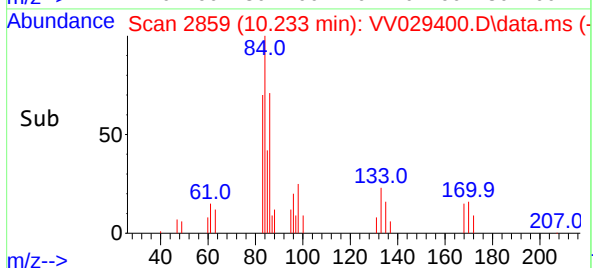
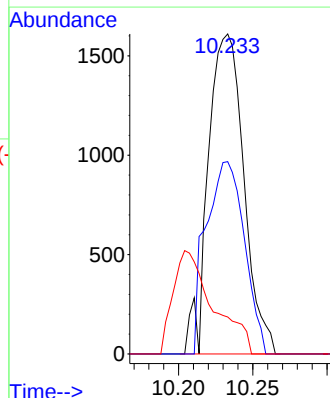
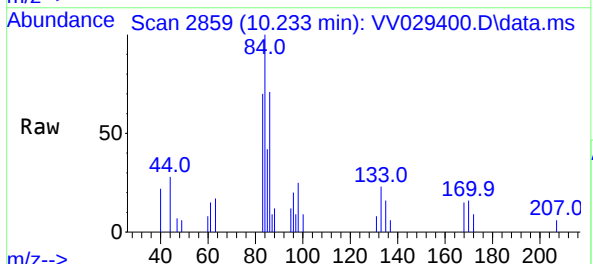
Instrument :
MSVOA_V
ClientSampleId :
MDL05

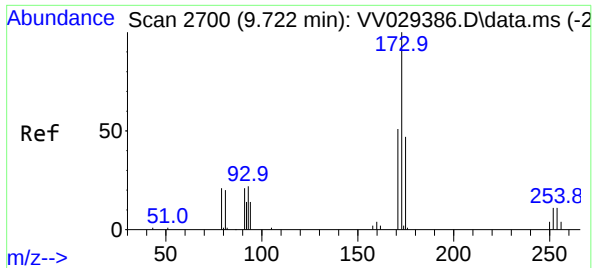
Tgt Ion:104 Resp: 9019
Ion Ratio Lower Upper
104 100
78 42.2 29.9 55.5



#57
1,1,2,2-Tetrachloroethane
Concen: 0.257 ug/L
RT: 10.233 min Scan# 2859
Delta R.T. 0.000 min
Lab File: VV029400.D
Acq: 05 Dec 2022 13:11

Tgt Ion: 83 Resp: 2689
Ion Ratio Lower Upper
83 100
85 60.1 45.5 84.5
131 11.6 8.2 12.2

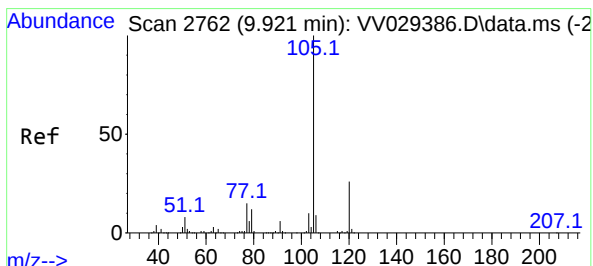
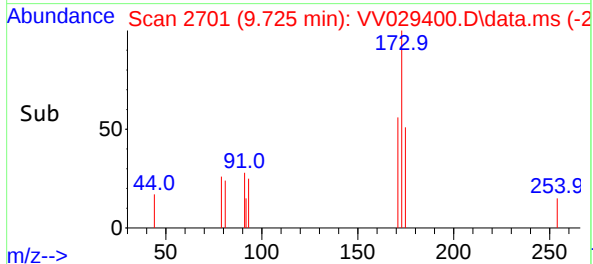
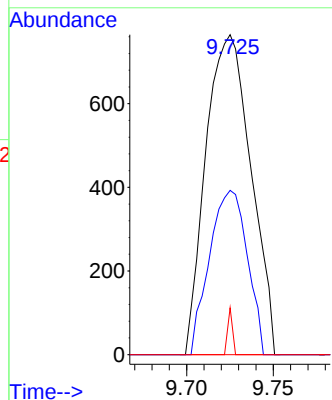
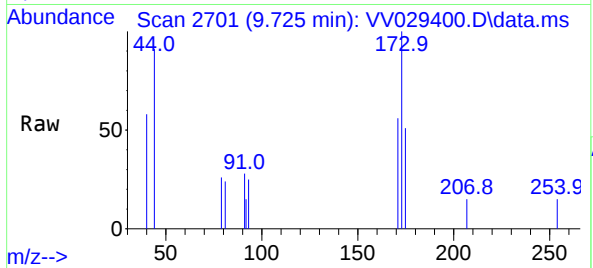




#59
Bromoform
Concen: 0.237 ug/L
RT: 9.725 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV029400.D
Acq: 05 Dec 2022 13:11

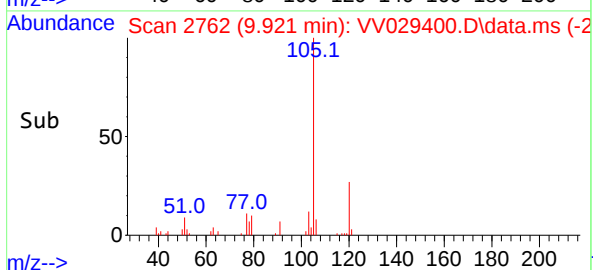
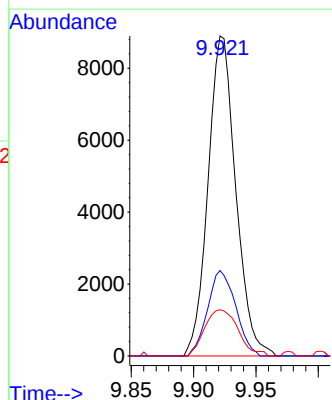
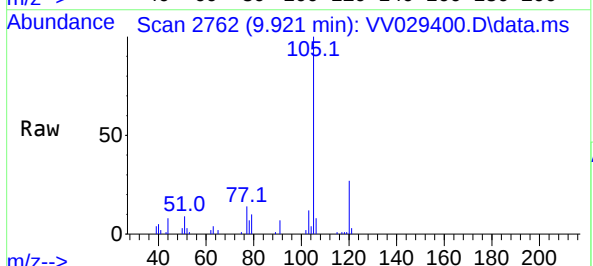
Instrument :
MSVOA_V
ClientSampleId :
MDL05

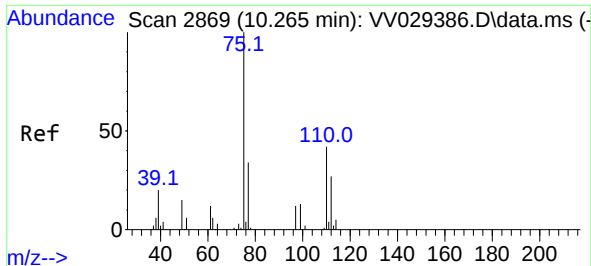
Tgt Ion:173 Resp: 1383
Ion Ratio Lower Upper
173 100
175 43.0 38.6 58.0
254 1.6 8.3 12.5#



#60
Isopropylbenzene
Concen: 0.192 ug/L
RT: 9.921 min Scan# 2762
Delta R.T. 0.000 min
Lab File: VV029400.D
Acq: 05 Dec 2022 13:11

Tgt Ion:105 Resp: 13781
Ion Ratio Lower Upper
105 100
120 27.1 21.4 32.2
77 17.4 11.8 17.8

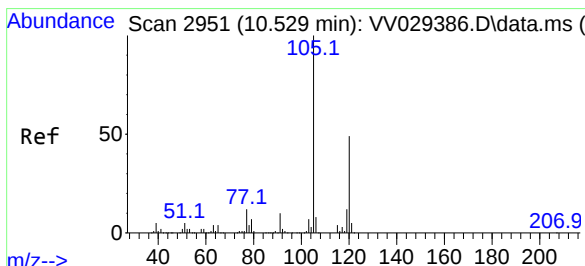
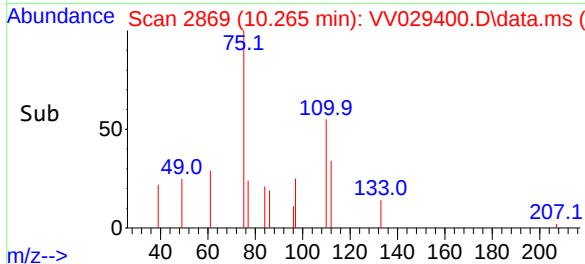
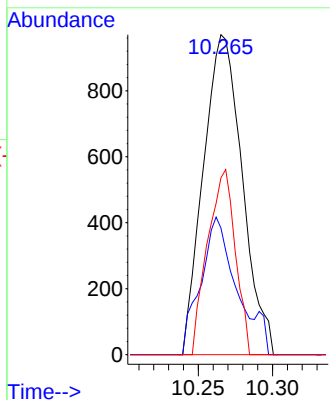
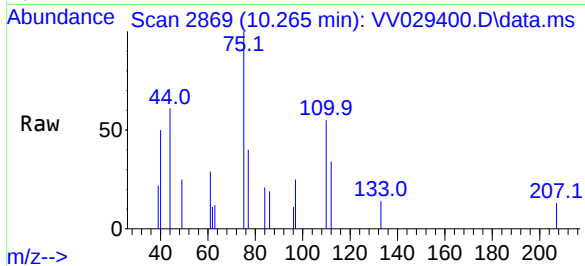




#61
1,2,3-Trichloropropane
Concen: 0.229 ug/L
RT: 10.265 min Scan# 2869
Delta R.T. 0.000 min
Lab File: VV029400.D
Acq: 05 Dec 2022 13:11

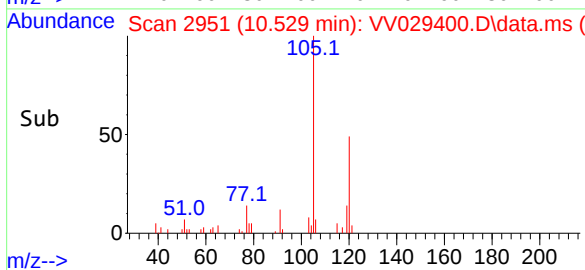
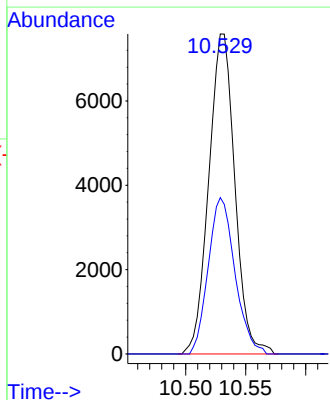
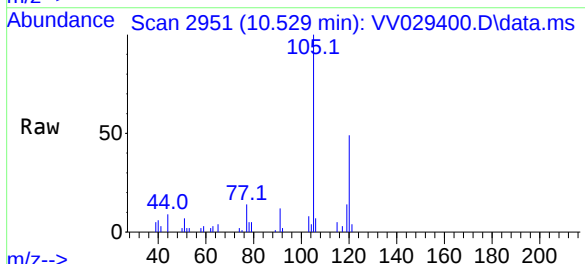
Instrument :
MSVOA_V
ClientSampleId :
MDL05

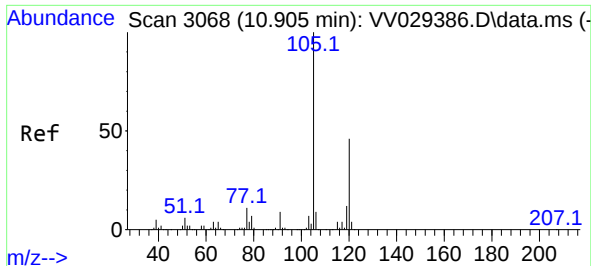
Tgt Ion: 75 Resp: 1768
Ion Ratio Lower Upper
75 100
77 40.3 26.7 40.1#
110 41.2 32.2 48.4



#62
1,3,5-Trimethylbenzene
Concen: 0.184 ug/L
RT: 10.529 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VV029400.D
Acq: 05 Dec 2022 13:11

Tgt Ion: 105 Resp: 11462
Ion Ratio Lower Upper
105 100
120 50.0 39.6 59.4

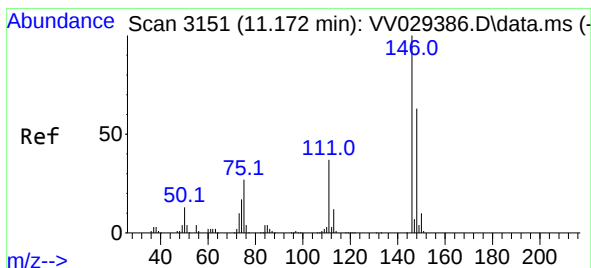
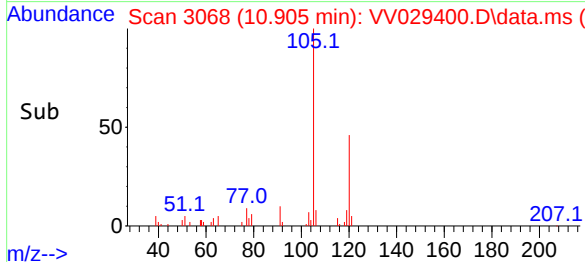
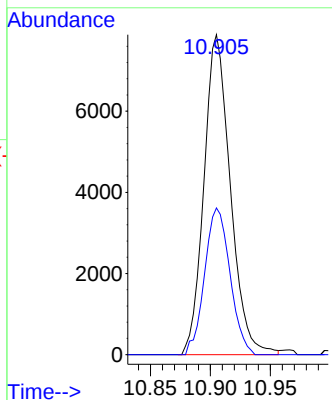
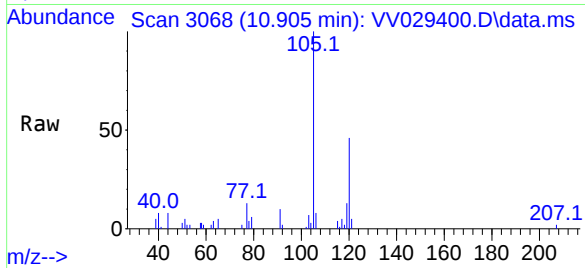




#63
1,2,4-Trimethylbenzene
Concen: 0.193 ug/L
RT: 10.905 min Scan# 3068
Delta R.T. 0.000 min
Lab File: VV029400.D
Acq: 05 Dec 2022 13:11

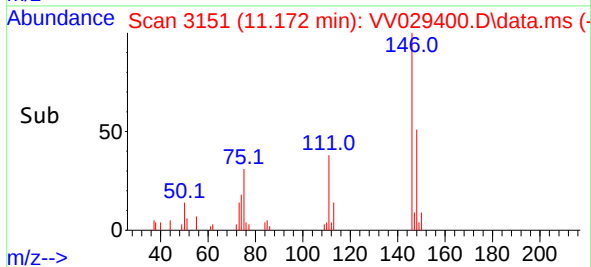
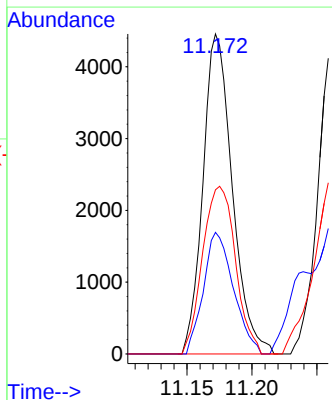
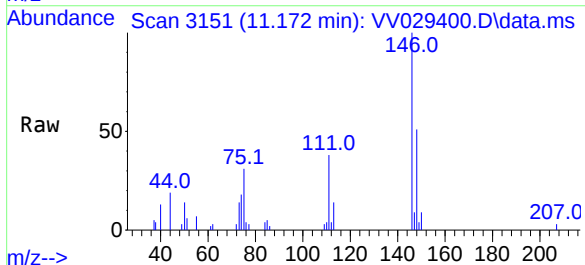
Instrument :
MSVOA_V
ClientSampleId :
MDL05

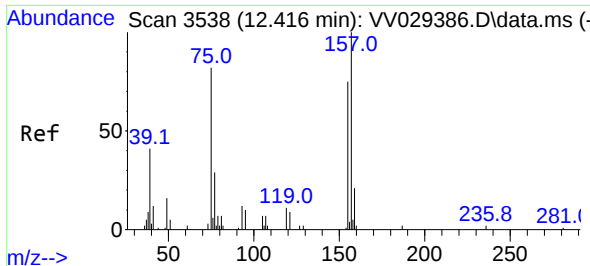
Tgt Ion:105 Resp: 12087
Ion Ratio Lower Upper
105 100
120 43.9 37.2 55.8



#64
1,3-Dichlorobenzene
Concen: 0.209 ug/L
RT: 11.172 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VV029400.D
Acq: 05 Dec 2022 13:11

Tgt Ion:146 Resp: 7004
Ion Ratio Lower Upper
146 100
111 38.0 26.3 48.9
148 51.3 44.4 82.4

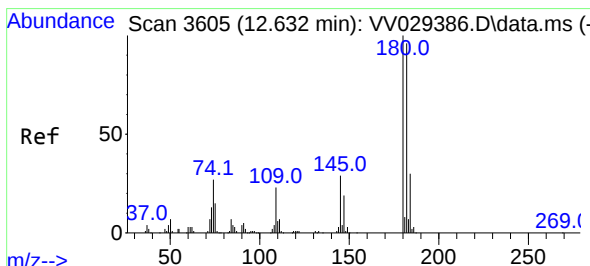
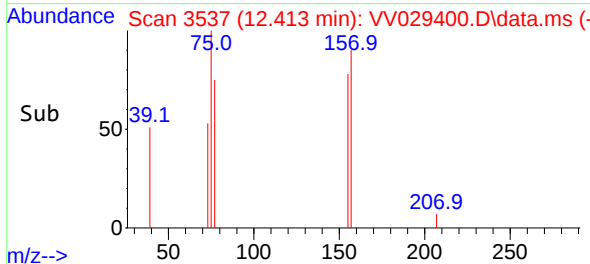
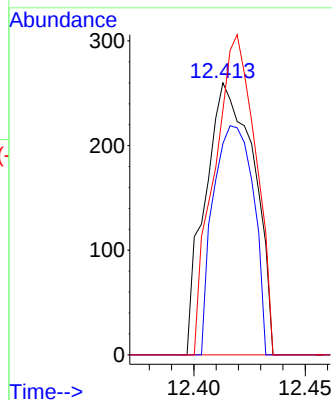
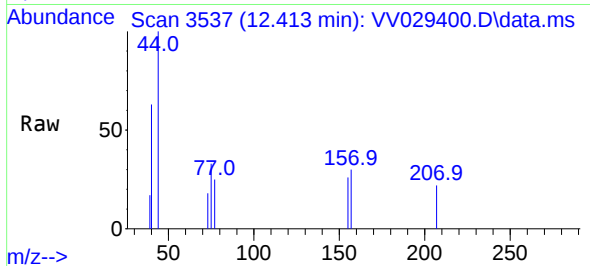




#68
1,2-Dibromo-3-chloropropane
Concen: 0.260 ug/L
RT: 12.413 min Scan# 3538
Delta R.T. -0.003 min
Lab File: VV029400.D
Acq: 05 Dec 2022 13:11

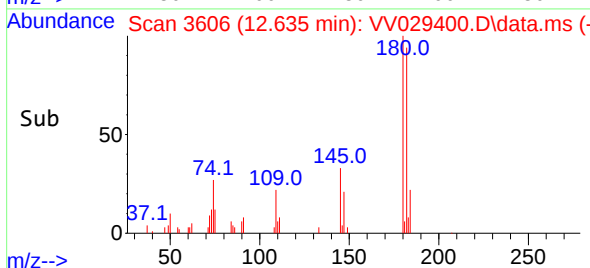
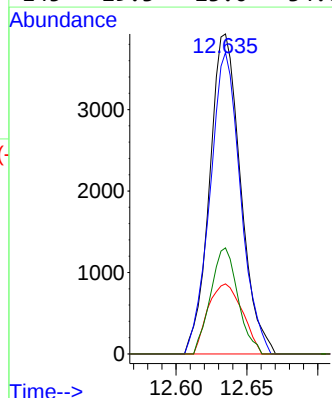
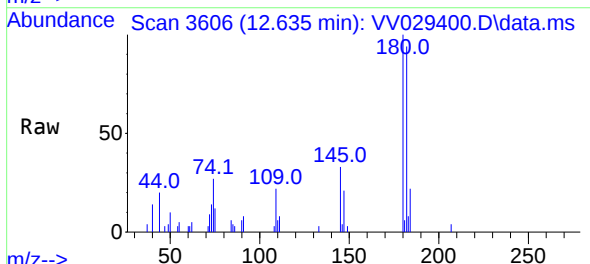
Instrument :
MSVOA_V
ClientSampleId :
MDL05

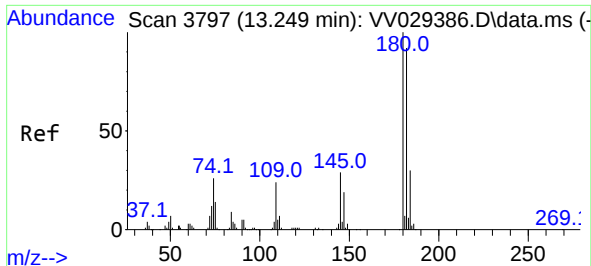
Tgt Ion: 75 Resp: 394
Ion Ratio Lower Upper
75 100
155 77.7 76.6 115.0
157 90.0 96.9 145.3#



#69
1,3,5-Trichlorobenzene
Concen: 0.216 ug/L
RT: 12.635 min Scan# 3606
Delta R.T. 0.003 min
Lab File: VV029400.D
Acq: 05 Dec 2022 13:11

Tgt Ion: 180 Resp: 5976
Ion Ratio Lower Upper
180 100
182 92.8 77.0 115.6
184 24.1 24.4 36.6#
145 29.3 23.0 34.6

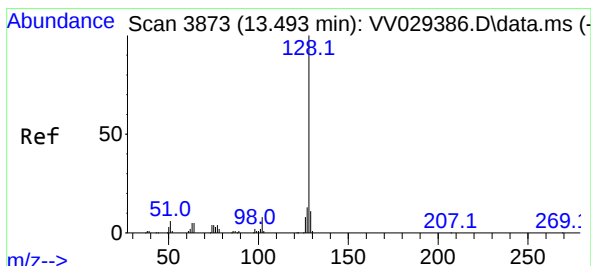
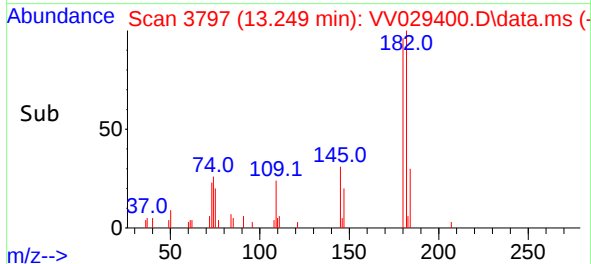
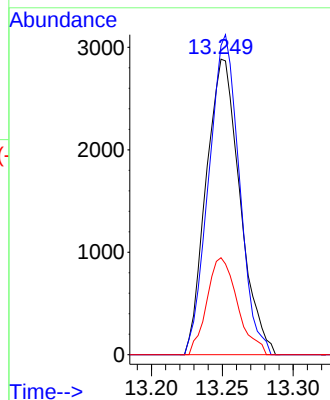
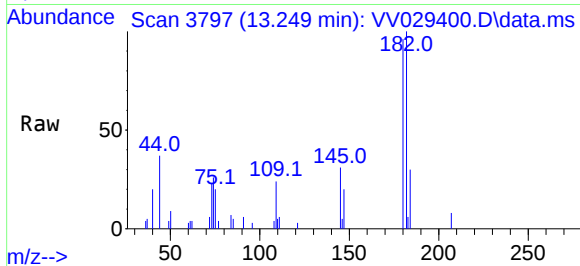




#70
1,2,4-trichlorobenzene
Concen: 0.214 ug/L
RT: 13.249 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV029400.D
Acq: 05 Dec 2022 13:11

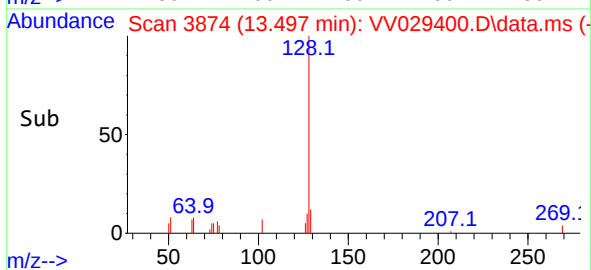
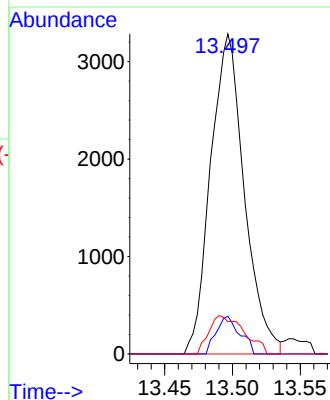
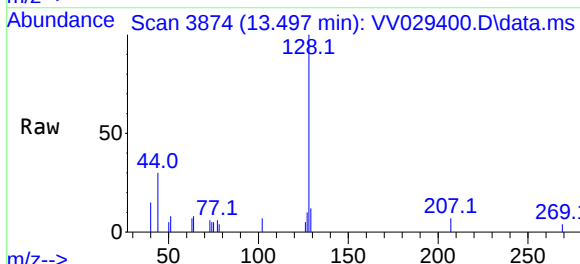
Instrument :
MSVOA_V
ClientSampleId :
MDL05

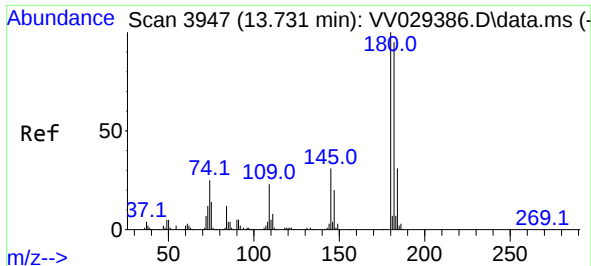
Tgt Ion:	180	Resp:	4786
Ion Ratio	Lower	Upper	
180	100		
182	98.0	76.2	114.4
145	29.7	23.4	35.0



#71
Naphthalene
Concen: 0.293 ug/L
RT: 13.497 min Scan# 3874
Delta R.T. 0.003 min
Lab File: VV029400.D
Acq: 05 Dec 2022 13:11

Tgt Ion:	128	Resp:	5673
Ion Ratio	Lower	Upper	
128	100		
129	8.2	8.9	13.3#
127	12.4	10.6	15.8





#72

1,2,3-Trichlorobenzene

Concen: 0.225 ug/L

RT: 13.731 min Scan# 3947

Delta R.T. 0.000 min

Lab File: VV029400.D

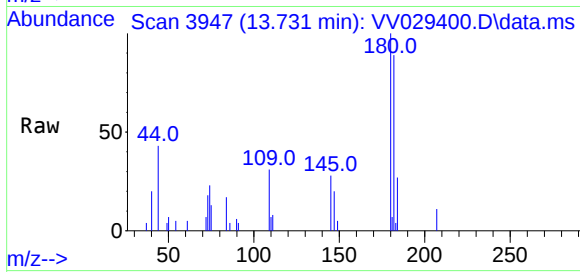
Acq: 05 Dec 2022 13:11

Instrument :

MSVOA_V

ClientSampleId :

MDL05



Tgt Ion:180 Resp: 4097

Ion Ratio Lower Upper

180 100

182 92.8 75.0 112.4

145 26.3 25.2 37.8

