

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120622\
 Data File : VW029406.D
 Acq On : 06 Dec 2022 11:32
 Operator : SY/MD
 Sample : MDL06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL06

Quant Time: Dec 06 21:55:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 06 21:48:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	204550	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	187277	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	96692	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	63799	5.068	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.400%
7) Chloroethane-d5	1.564	69	48323	5.244	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.800%
11) 1,1-Dichloroethene-d2	2.101	63	76285	3.787	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.800%
20) 2-Butanone-d5	3.899	46	72834	34.587	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	69.180%
24) Chloroform-d	4.339	84	107748	4.795	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	5.024	65	46888	4.743	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
32) Benzene-d6	5.043	84	233550	4.512	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
36) 1,2-Dichloropropane-d6	6.063	67	70951	4.878	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.600%
41) Toluene-d8	7.307	98	214742	4.396	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
43) trans-1,3-Dichloroprop...	7.616	79	25398	4.529	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.600%
46) 2-Hexanone-d5	8.085	63	86735	43.394	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.780%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	46307	5.160	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.200%
66) 1,2-Dichlorobenzene-d4	11.616	152	77301	4.576	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	3034	0.199	ug/L	94
3) Chloromethane	1.240	50	3753	0.268	ug/L	99
5) Vinyl chloride	1.307	62	3200	0.230	ug/L #	79
6) Bromomethane	1.519	94	1389	0.160	ug/L	86
8) Chloroethane	1.584	64	1848	0.223	ug/L	95
9) Trichlorofluoromethane	1.748	101	4114	0.211	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	2952	0.271	ug/L #	76
12) 1,1-Dichloroethene	2.111	96	2677	0.255	ug/L #	1
13) Acetone	2.188	43	2377	1.552	ug/L	97
14) Carbon disulfide	2.291	76	6430	0.210	ug/L	99
15) Methyl Acetate	2.439	43	826	0.188	ug/L #	51
16) Methylene chloride	2.503	84	5022	0.312	ug/L	89
17) Methyl tert-butyl Ether	2.764	73	5268	0.196	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	2623	0.217	ug/L	86
19) 1,1-Dichloroethane	3.185	63	4777	0.220	ug/L	96
21) 2-Butanone	3.992	43	1351	0.564	ug/L	88
22) cis-1,2-Dichloroethene	3.899	96	1256	0.091	ug/L	91
23) Bromochloromethane	4.252	128	1090	0.197	ug/L	98
25) Chloroform	4.362	83	5691	0.251	ug/L	95

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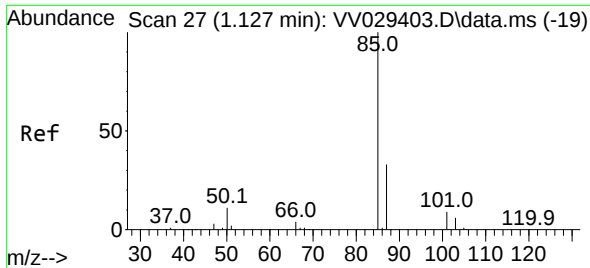
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	2602	0.212	ug/L #	88
29) 1,1,1-Trichloroethane	4.600	97	4490	0.208	ug/L #	83
30) Cyclohexane	4.674	56	3826	0.180	ug/L	93
31) Carbon tetrachloride	4.822	117	3700	0.203	ug/L	97
33) Benzene	5.095	78	11477	0.205	ug/L	100
34) Trichloroethene	5.908	95	2837	0.199	ug/L	94
35) Methylcyclohexane	6.127	83	4784	0.198	ug/L	93
37) 1,2-Dichloropropane	6.172	63	2946	0.223	ug/L #	85
38) Bromodichloromethane	6.503	83	3558	0.225	ug/L #	97
39) cis-1,3-Dichloropropene	7.024	75	3801	0.197	ug/L	88
40) 4-Methyl-2-pentanone	7.227	43	10925	1.769	ug/L #	85
42) Toluene	7.384	91	11888	0.198	ug/L	93
44) trans-1,3-Dichloropropene	7.651	75	4240	0.278	ug/L	99
45) 1,1,2-Trichloroethane	7.831	97	2021	0.226	ug/L	91
47) Tetrachloroethene	7.969	164	2068	0.177	ug/L	97
48) 2-Hexanone	8.140	43	8202	1.906	ug/L	90
49) Dibromochloromethane	8.239	129	2199	0.219	ug/L	98
50) 1,2-Dibromoethane	8.346	107	1670	0.214	ug/L #	95
51) Chlorobenzene	8.876	112	7717	0.205	ug/L	96
52) Ethylbenzene	9.008	91	12619	0.201	ug/L	97
53) m,p-Xylene	9.133	106	4636	0.188	ug/L	93
54) o-Xylene	9.535	106	4782	0.197	ug/L	98
55) Styrene	9.558	104	7814	0.191	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.233	83	2085	0.226	ug/L	90
59) Bromoform	9.722	173	1160	0.228	ug/L #	90
60) Isopropylbenzene	9.924	105	12905	0.206	ug/L	98
61) 1,2,3-Trichloropropane	10.268	75	1370	0.204	ug/L #	91
62) 1,3,5-Trimethylbenzene	10.529	105	10323	0.191	ug/L	97
63) 1,2,4-Trimethylbenzene	10.905	105	10493	0.193	ug/L	98
64) 1,3-Dichlorobenzene	11.172	146	6248	0.214	ug/L	93
65) 1,4-Dichlorobenzene	11.262	146	6592	0.228	ug/L	96
67) 1,2-Dichlorobenzene	11.632	146	5772	0.215	ug/L #	84
68) 1,2-Dibromo-3-chloropr...	12.416	75	411	0.312	ug/L #	77
69) 1,3,5-Trichlorobenzene	12.635	180	5214	0.217	ug/L	95
70) 1,2,4-trichlorobenzene	13.252	180	4046	0.208	ug/L	97
71) Naphthalene	13.496	128	3836	0.228	ug/L	97
72) 1,2,3-Trichlorobenzene	13.731	180	3412	0.215	ug/L	94

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

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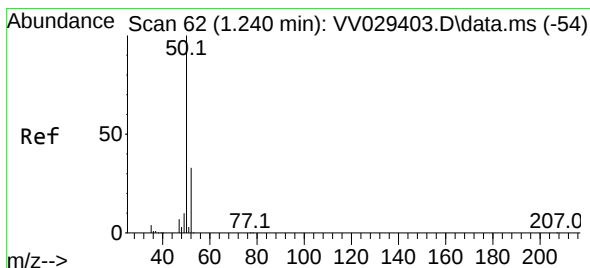
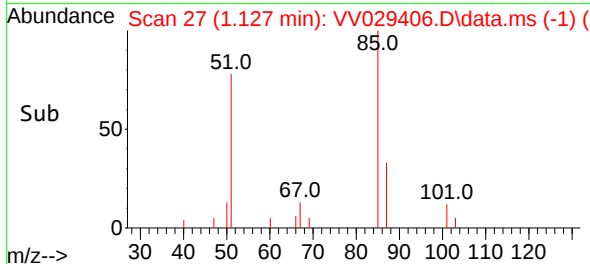
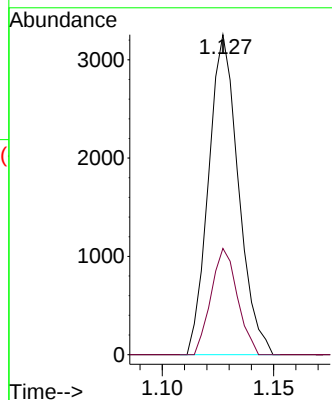
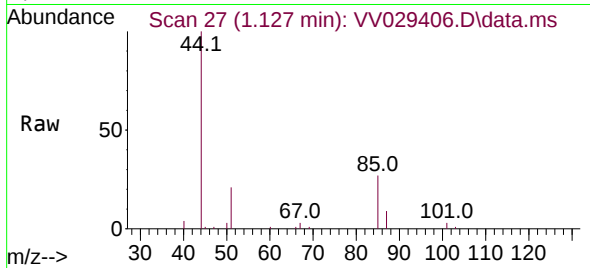




#2
 Dichlorodifluoromethane
 Concen: 0.199 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV029406.D
 Acq: 06 Dec 2022 11:32

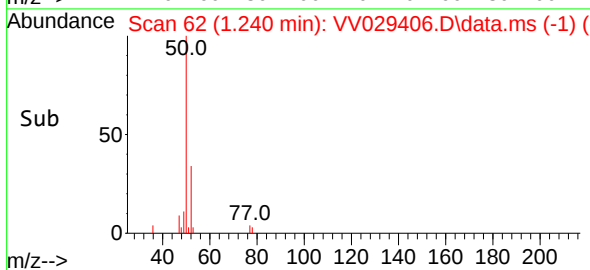
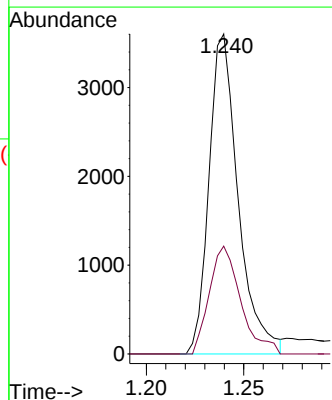
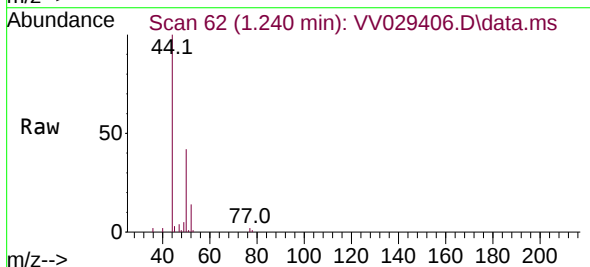
Instrument :
 MSVOA_V
 ClientSampleId :
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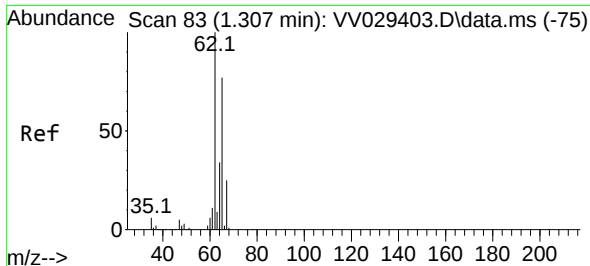
Tgt Ion: 85 Resp: 3034
 Ion Ratio Lower Upper
 85 100
 87 29.2 26.2 39.4



#3
 Chloromethane
 Concen: 0.268 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV029406.D
 Acq: 06 Dec 2022 11:32

Tgt Ion: 50 Resp: 3753
 Ion Ratio Lower Upper
 50 100
 52 33.7 23.2 43.2

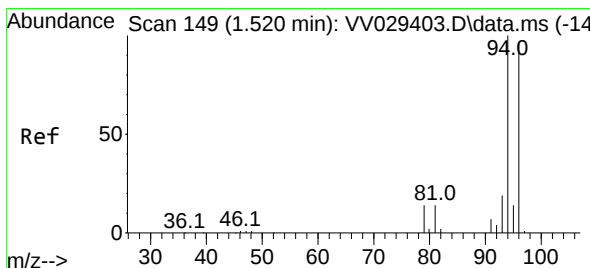
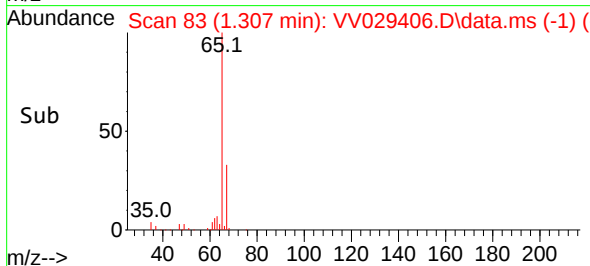
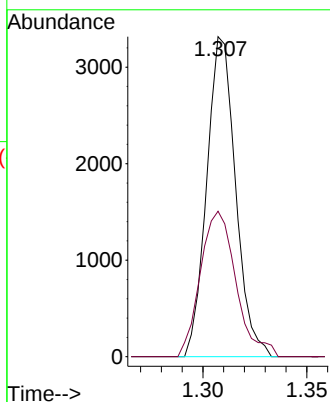
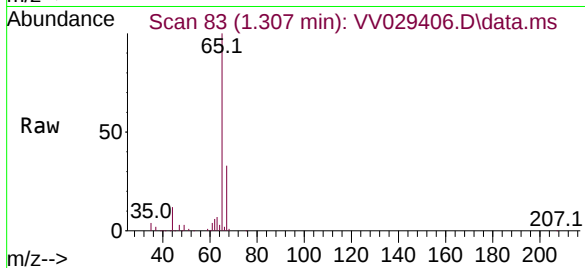




#5
 Vinyl chloride
 Concen: 0.230 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VV029406.D
 Acq: 06 Dec 2022 11:32

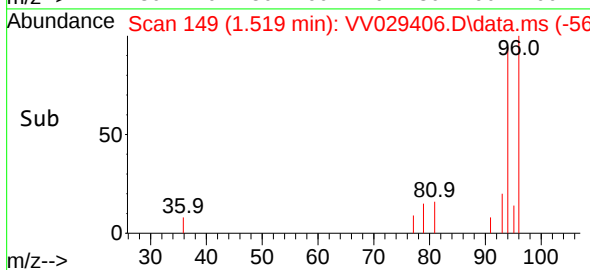
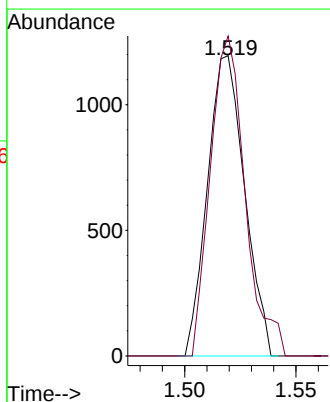
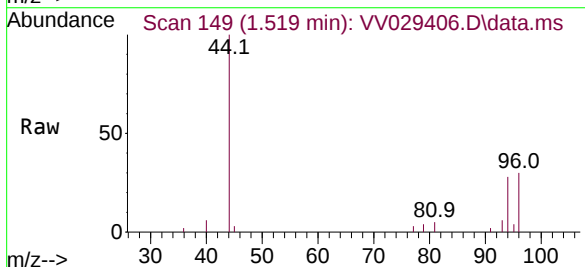
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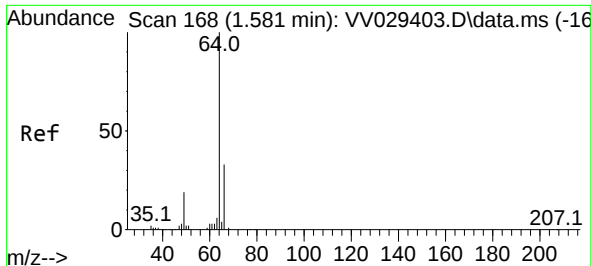
Tgt Ion: 62 Resp: 3200
 Ion Ratio Lower Upper
 62 100
 64 45.4 23.4 43.4#



#6
 Bromomethane
 Concen: 0.160 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VV029406.D
 Acq: 06 Dec 2022 11:32

Tgt Ion: 94 Resp: 1389
 Ion Ratio Lower Upper
 94 100
 96 106.5 65.4 121.4

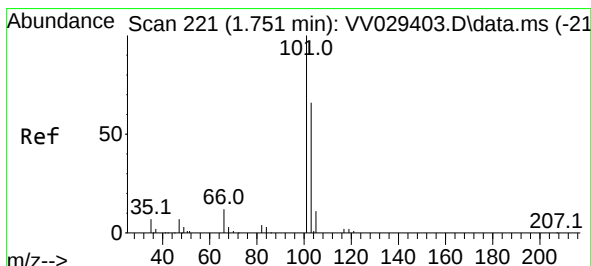
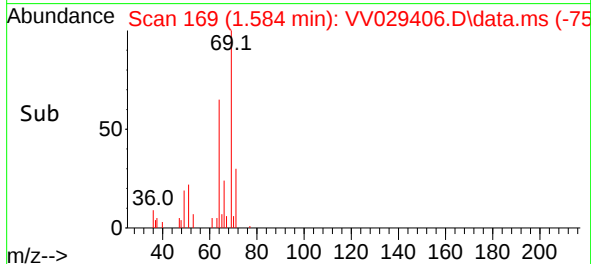
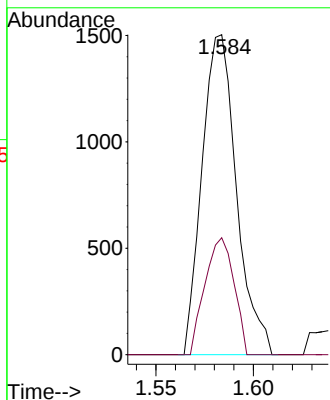
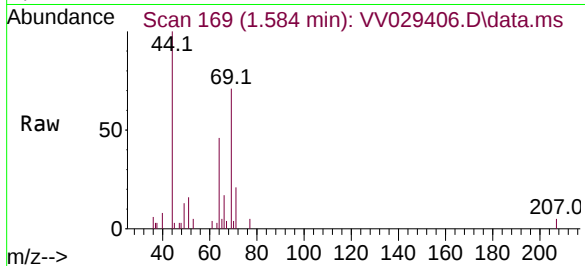




#8
Chloroethane
Concen: 0.223 ug/L
RT: 1.584 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV029406.D
Acq: 06 Dec 2022 11:32

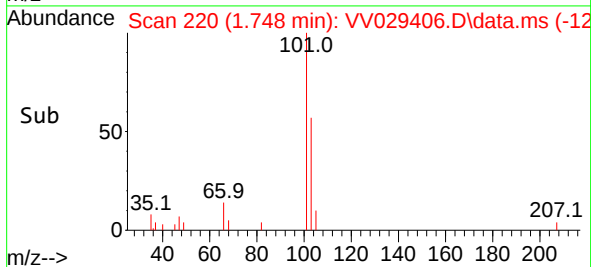
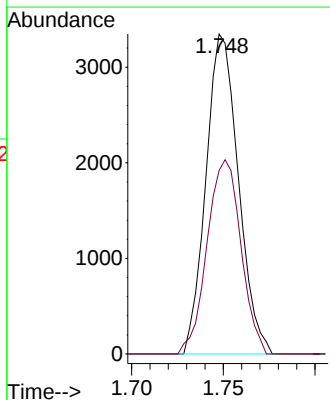
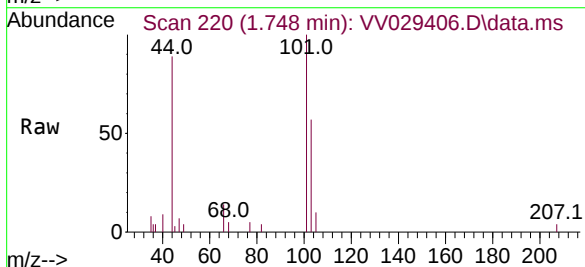
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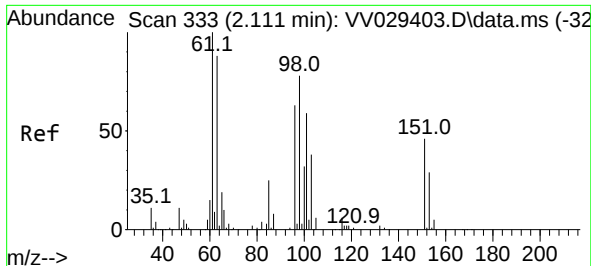
Tgt Ion: 64 Resp: 1848
Ion Ratio Lower Upper
64 100
66 36.6 23.5 43.7



#9
Trichlorofluoromethane
Concen: 0.211 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.003 min
Lab File: VV029406.D
Acq: 06 Dec 2022 11:32

Tgt Ion: 101 Resp: 4114
Ion Ratio Lower Upper
101 100
103 63.3 51.8 77.8

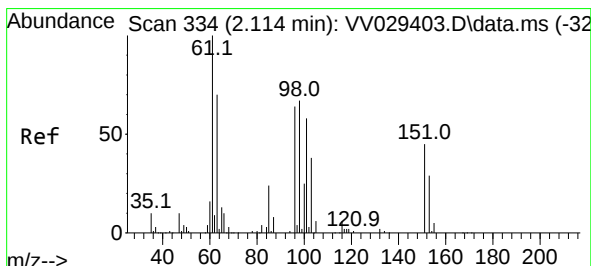
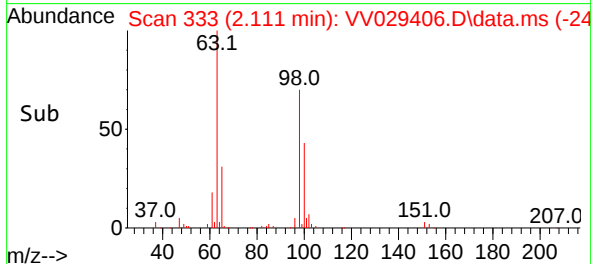
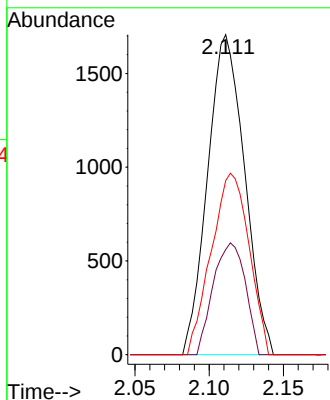
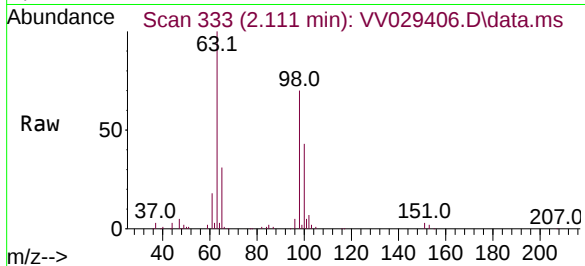




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.271 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.000 min
 Lab File: VV029406.D
 Acq: 06 Dec 2022 11:32

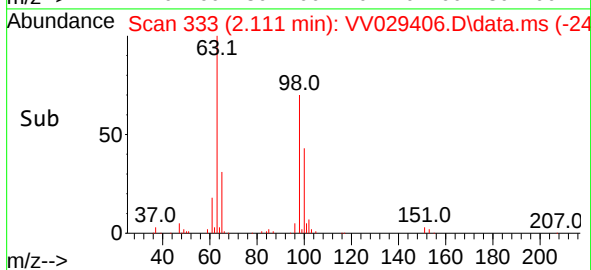
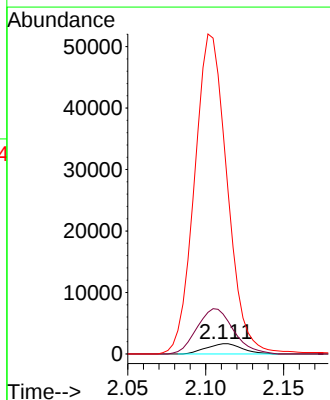
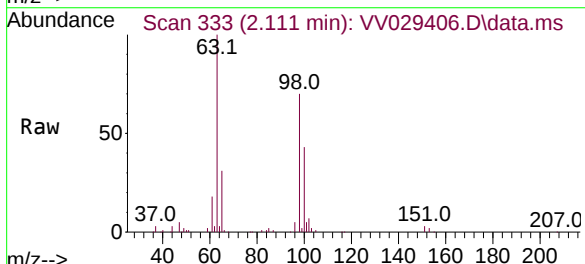
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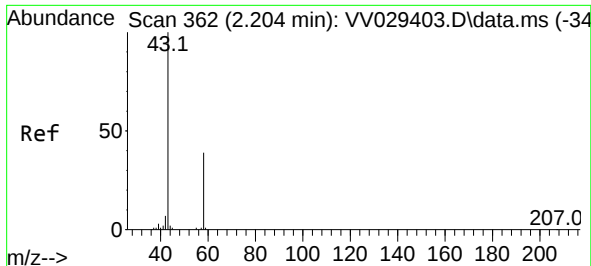
Tgt Ion:101 Resp: 2952
 Ion Ratio Lower Upper
 101 100
 85 30.3 33.6 50.4#
 151 58.0 65.3 97.9#



#12
 1,1-Dichloroethene
 Concen: 0.255 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.003 min
 Lab File: VV029406.D
 Acq: 06 Dec 2022 11:32

Tgt Ion: 96 Resp: 2677
 Ion Ratio Lower Upper
 96 100
 61 389.1 110.3 204.9#
 63 2177.0 84.4 156.8#

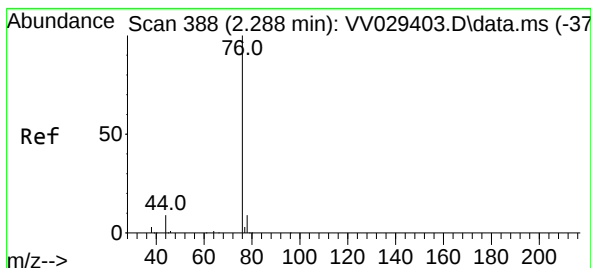
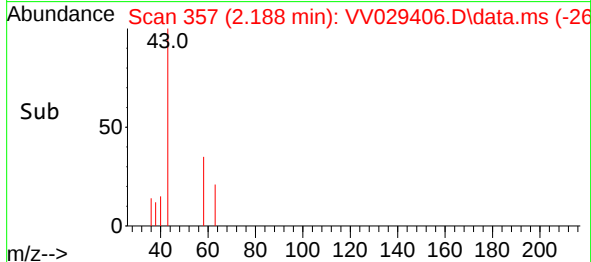
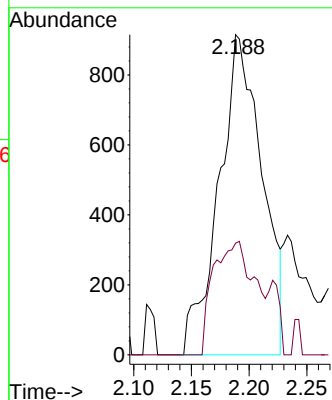
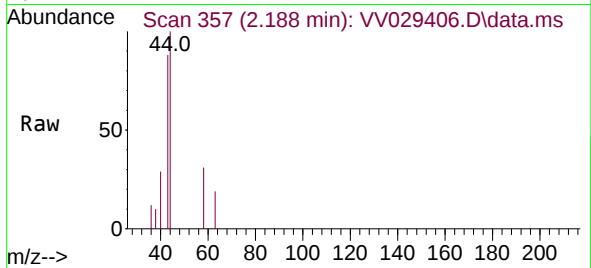




#13
Acetone
Concen: 1.552 ug/L
RT: 2.188 min Scan# 31
Delta R.T. -0.016 min
Lab File: VV029406.D
Acq: 06 Dec 2022 11:32

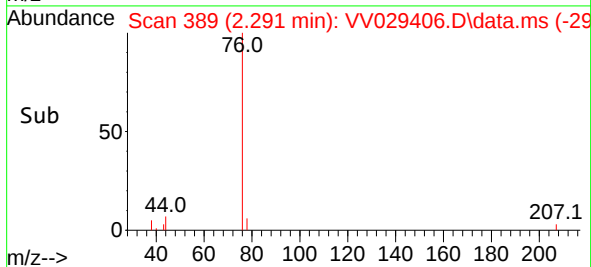
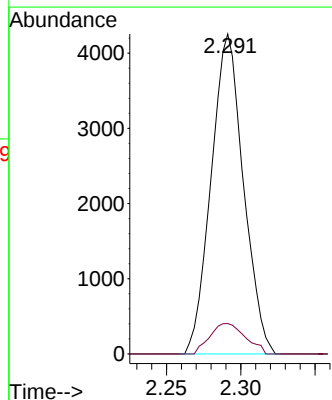
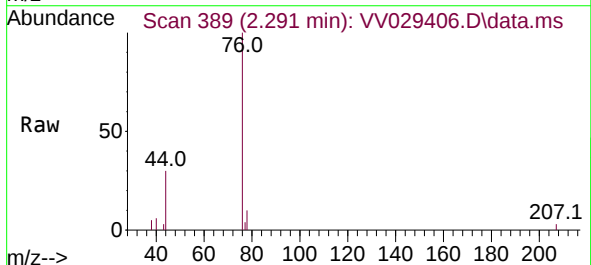
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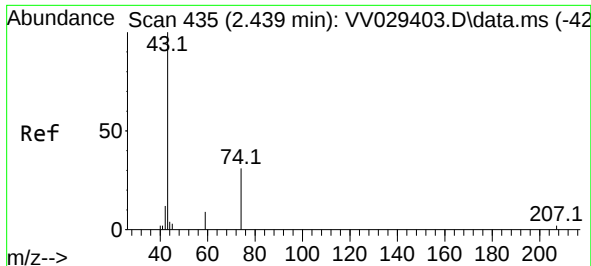
Tgt Ion: 43 Resp: 2377
Ion Ratio Lower Upper
43 100
58 33.8 0.0 70.8



#14
Carbon disulfide
Concen: 0.210 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.003 min
Lab File: VV029406.D
Acq: 06 Dec 2022 11:32

Tgt Ion: 76 Resp: 6430
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.2

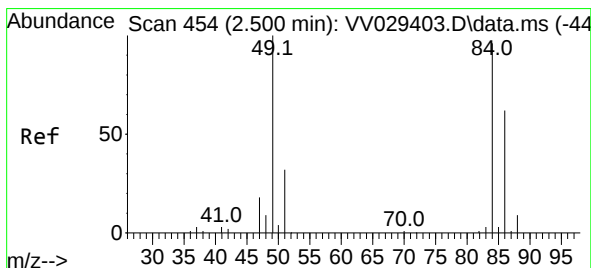
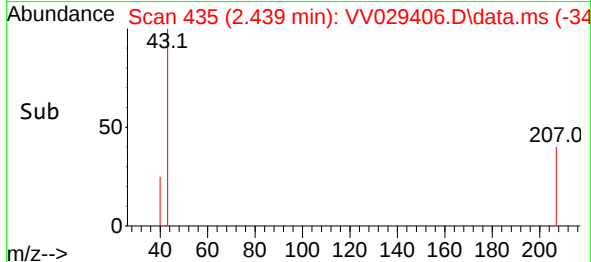
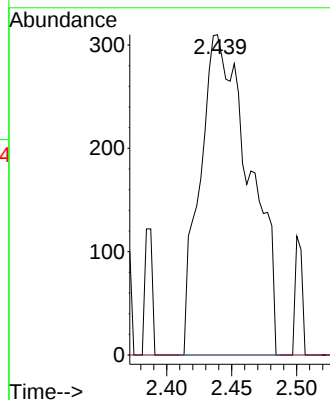
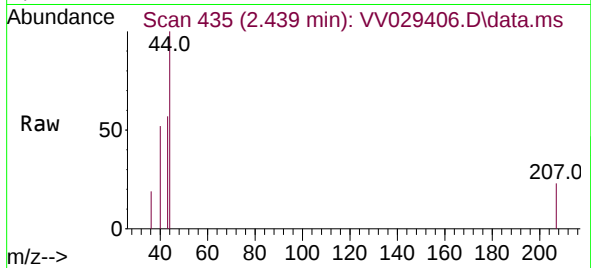




#15
Methyl Acetate
Concen: 0.188 ug/L
RT: 2.439 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV029406.D
Acq: 06 Dec 2022 11:32

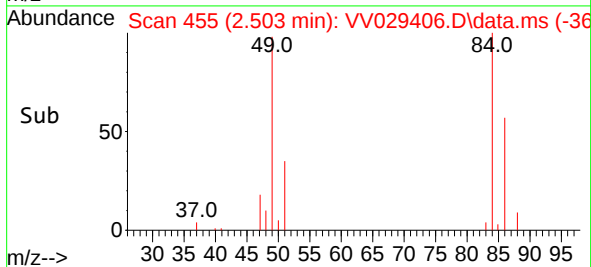
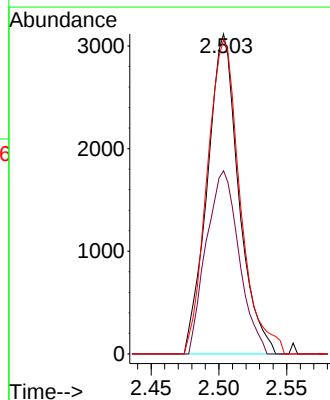
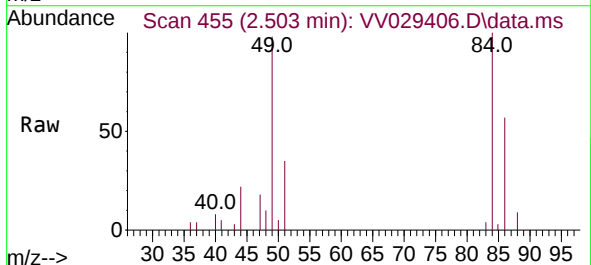
Instrument :
MSVOA_V
ClientSampleId :
MDL06

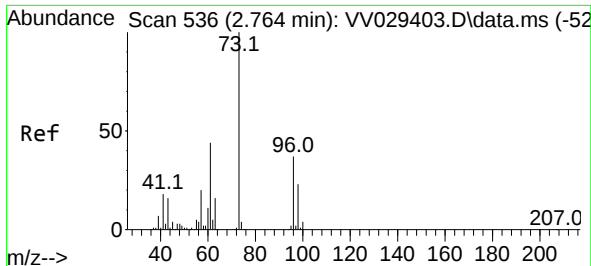
Tgt Ion: 43 Resp: 826
Ion Ratio Lower Upper
43 100
74 0.0 19.6 29.4#



#16
Methylene chloride
Concen: 0.312 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.003 min
Lab File: VV029406.D
Acq: 06 Dec 2022 11:32

Tgt Ion: 84 Resp: 5022
Ion Ratio Lower Upper
84 100
86 57.2 45.6 84.6
49 98.2 77.8 144.4





#17

Methyl tert-butyl Ether

Concen: 0.196 ug/L

RT: 2.764 min Scan# 51

Delta R.T. -0.000 min

Lab File: VV029406.D

Acq: 06 Dec 2022 11:32

Instrument :

MSVOA_V

ClientSampleId :

MDL06

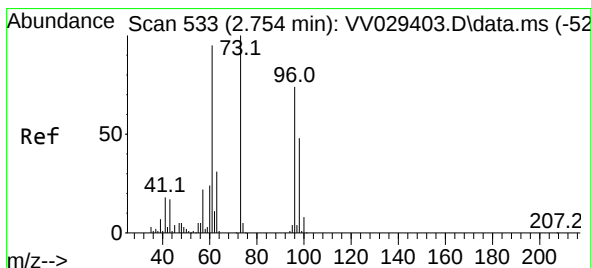
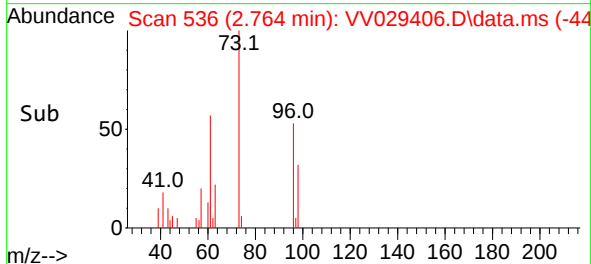
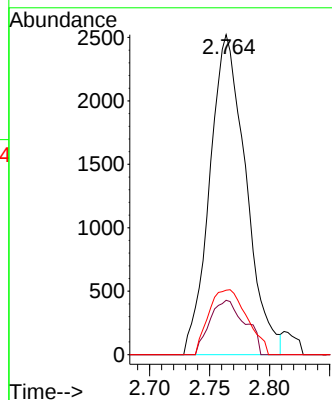
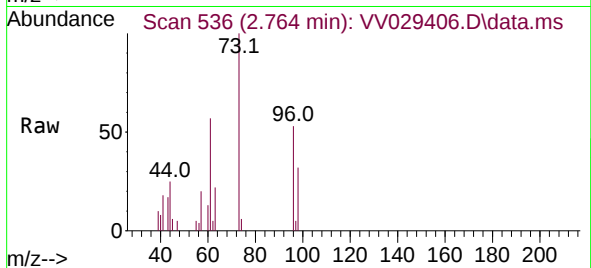
Tgt Ion: 73 Resp: 5268

Ion Ratio Lower Upper

73 100

43 16.6 13.2 19.8

57 21.6 16.9 25.3



#18

trans-1,2-Dichloroethene

Concen: 0.217 ug/L

RT: 2.761 min Scan# 535

Delta R.T. 0.006 min

Lab File: VV029406.D

Acq: 06 Dec 2022 11:32

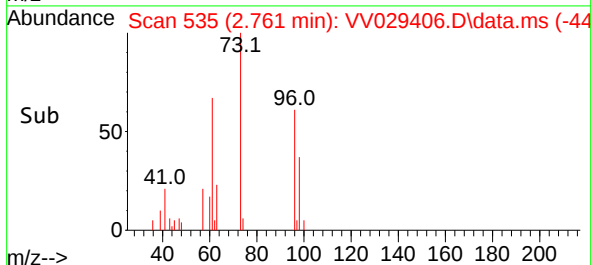
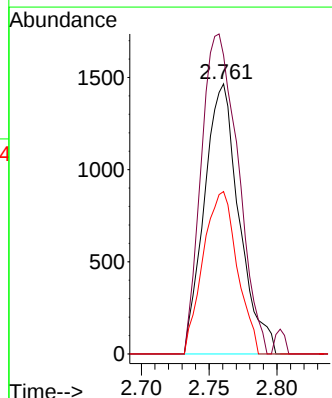
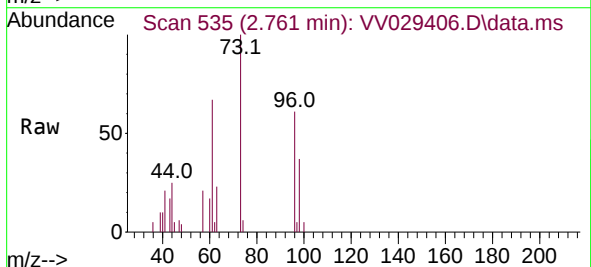
Tgt Ion: 96 Resp: 2623

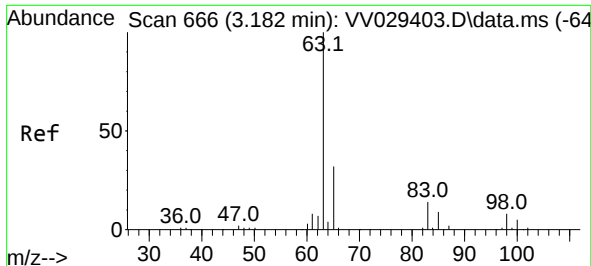
Ion Ratio Lower Upper

96 100

61 110.6 93.0 172.6

98 60.1 44.0 81.8





#19

1,1-Dichloroethane

Concen: 0.220 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV029406.D

Acq: 06 Dec 2022 11:32

Instrument :

MSVOA_V

ClientSampleId :

MDL06

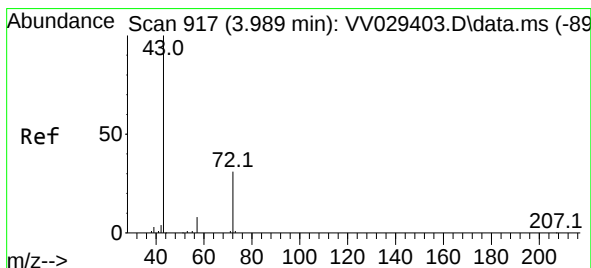
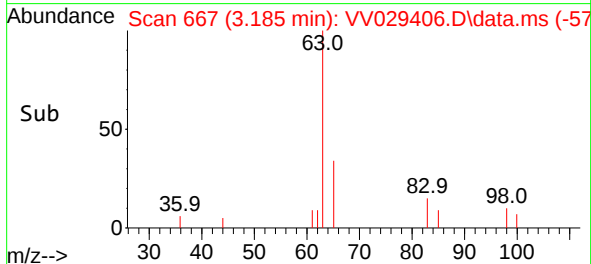
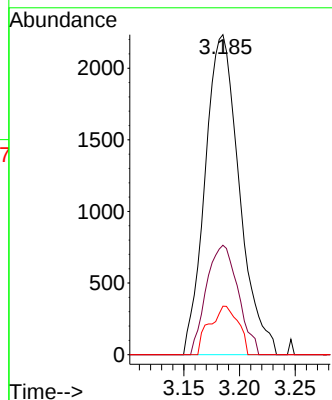
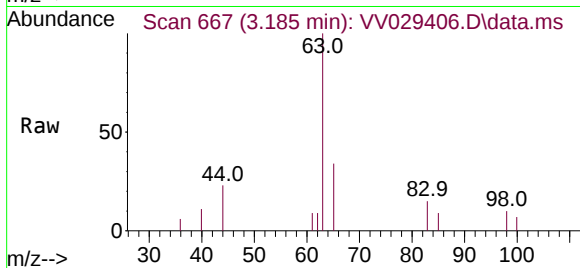
Tgt Ion: 63 Resp: 4777

Ion Ratio Lower Upper

63 100

65 34.2 21.6 40.2

83 15.1 10.3 19.1



#21

2-Butanone

Concen: 0.564 ug/L

RT: 3.992 min Scan# 918

Delta R.T. 0.003 min

Lab File: VV029406.D

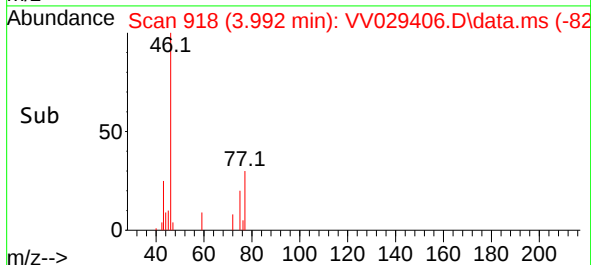
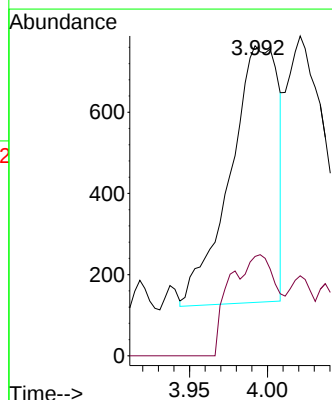
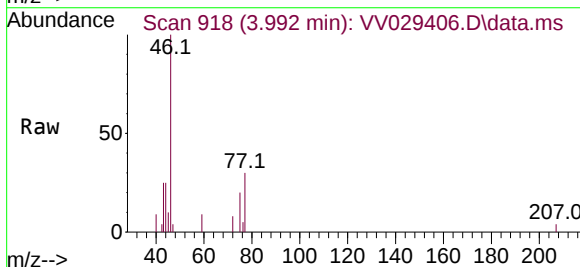
Acq: 06 Dec 2022 11:32

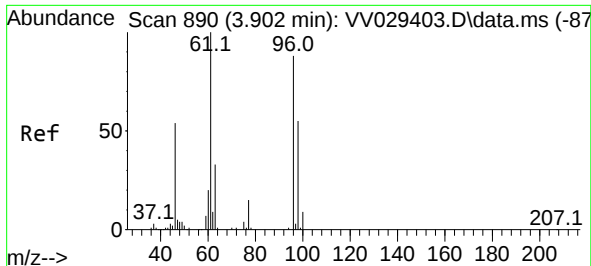
Tgt Ion: 43 Resp: 1351

Ion Ratio Lower Upper

43 100

72 21.1 13.8 41.3

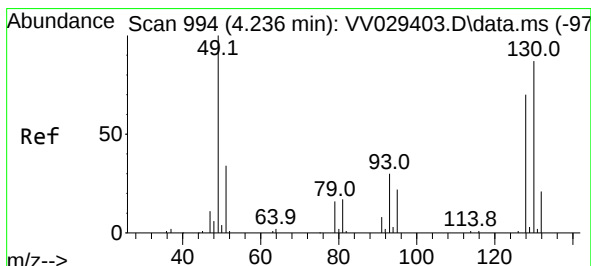
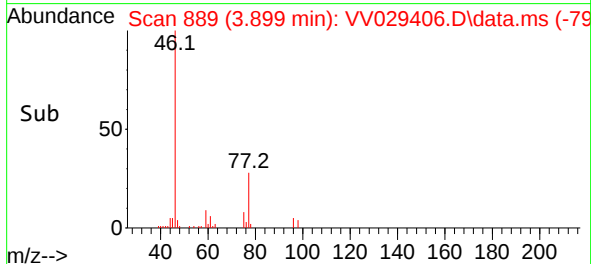
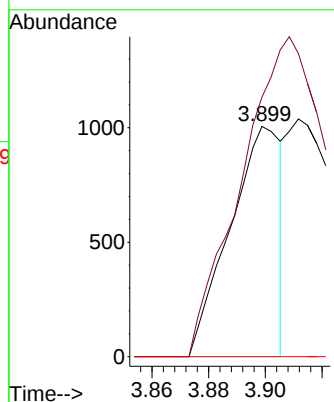
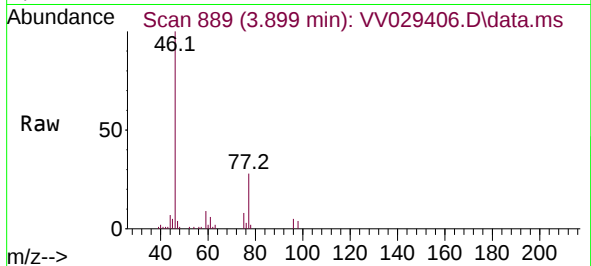




#22
 cis-1,2-Dichloroethene
 Concen: 0.091 ug/L
 RT: 3.899 min Scan# 890
 Delta R.T. -0.003 min
 Lab File: VV029406.D
 Acq: 06 Dec 2022 11:32

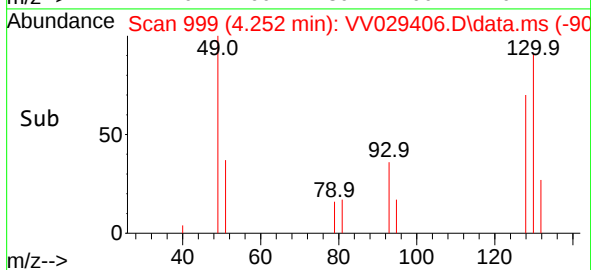
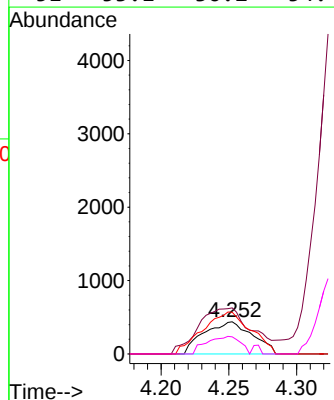
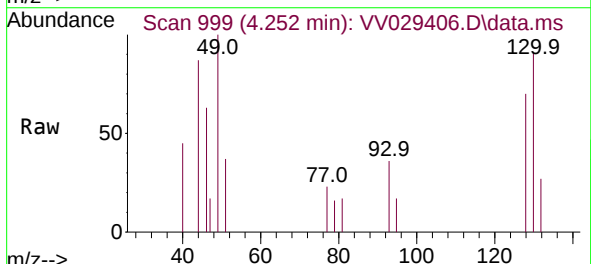
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL06

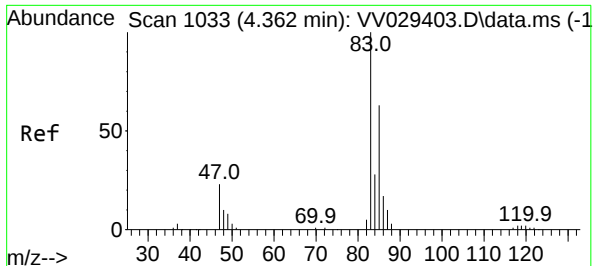
Tgt Ion: 96 Resp: 1256
 Ion Ratio Lower Upper
 96 100
 61 112.7 85.8 159.3
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 0.197 ug/L
 RT: 4.252 min Scan# 999
 Delta R.T. 0.016 min
 Lab File: VV029406.D
 Acq: 06 Dec 2022 11:32

Tgt Ion:128 Resp: 1090
 Ion Ratio Lower Upper
 128 100
 49 142.8 100.0 185.8
 130 129.6 90.2 167.6
 51 53.1 36.2 54.4





#25

Chloroform

Concen: 0.251 ug/L

RT: 4.362 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV029406.D

Acq: 06 Dec 2022 11:32

Instrument :

MSVOA_V

ClientSampleId :

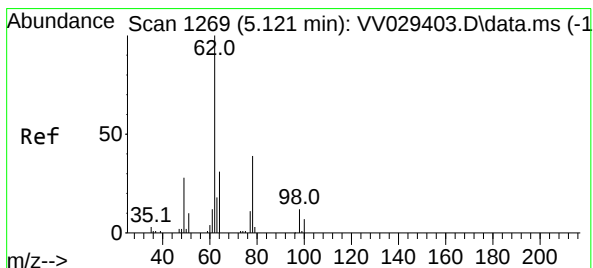
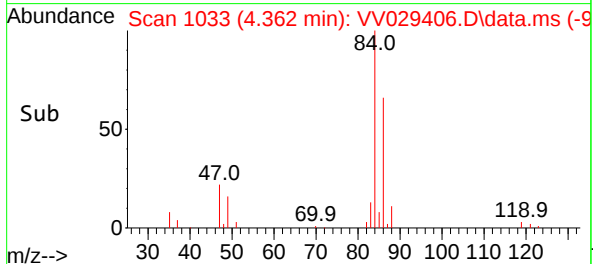
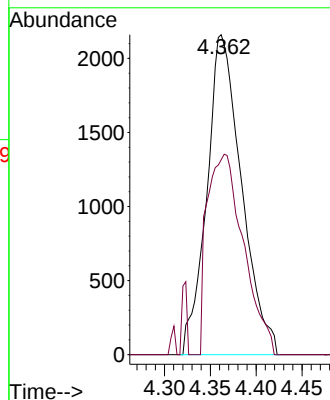
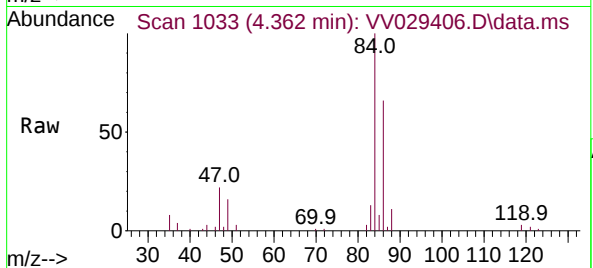
MDL06

Tgt Ion: 83 Resp: 5691

Ion Ratio Lower Upper

83 100

85 60.9 45.4 84.4



#27

1,2-Dichloroethane

Concen: 0.212 ug/L

RT: 5.137 min Scan# 1274

Delta R.T. 0.016 min

Lab File: VV029406.D

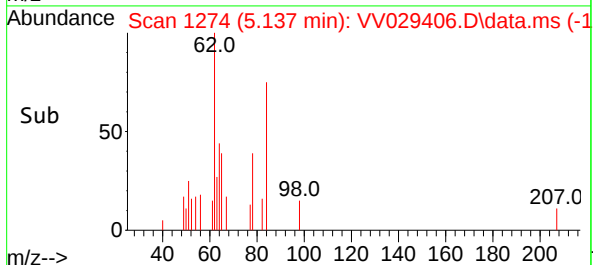
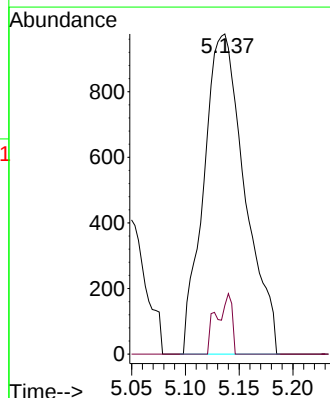
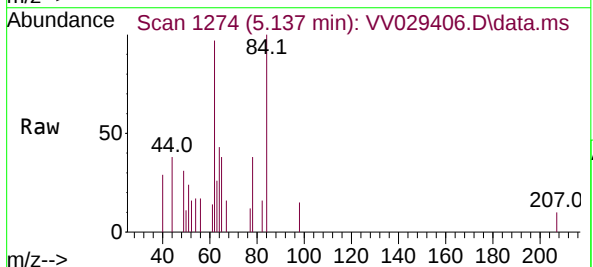
Acq: 06 Dec 2022 11:32

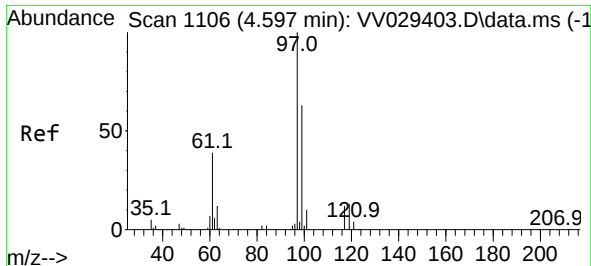
Tgt Ion: 62 Resp: 2602

Ion Ratio Lower Upper

62 100

98 15.2 8.4 12.6#





#29

1,1,1-Trichloroethane

Concen: 0.208 ug/L

RT: 4.600 min Scan# 1106

Delta R.T. 0.003 min

Lab File: VV029406.D

Acq: 06 Dec 2022 11:32

Instrument :

MSVOA_V

ClientSampleId :

MDL06

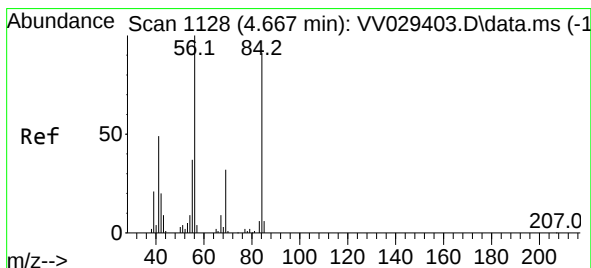
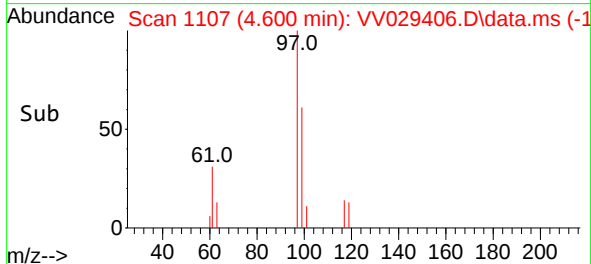
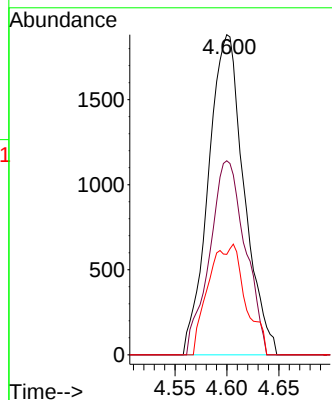
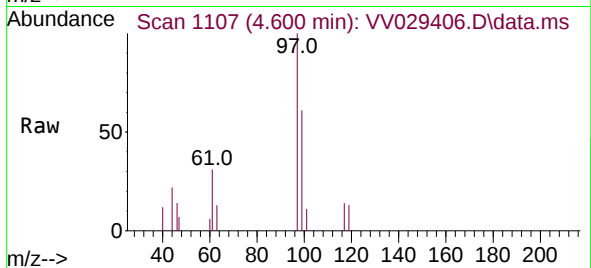
Tgt Ion: 97 Resp: 4490

Ion Ratio Lower Upper

97 100

99 60.5 51.2 76.8

61 19.1 33.3 49.9#



#30

Cyclohexane

Concen: 0.180 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VV029406.D

Acq: 06 Dec 2022 11:32

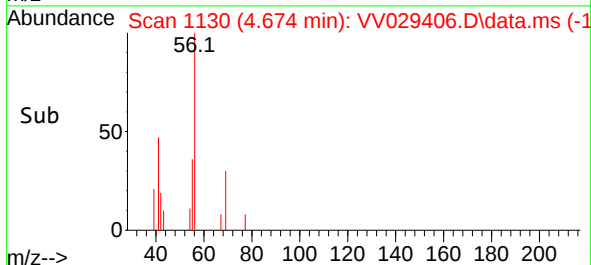
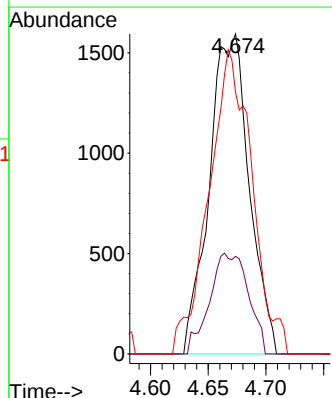
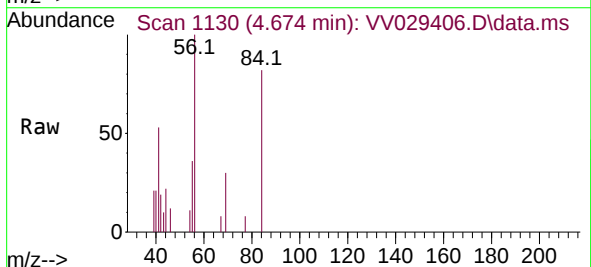
Tgt Ion: 56 Resp: 3826

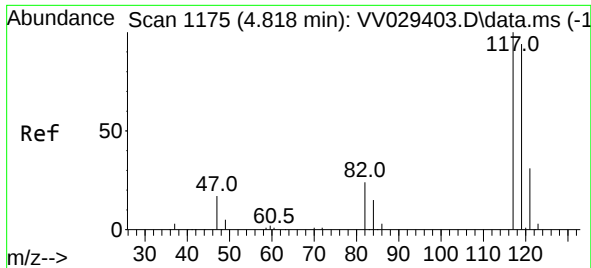
Ion Ratio Lower Upper

56 100

69 30.6 26.1 39.1

84 102.3 75.6 113.4

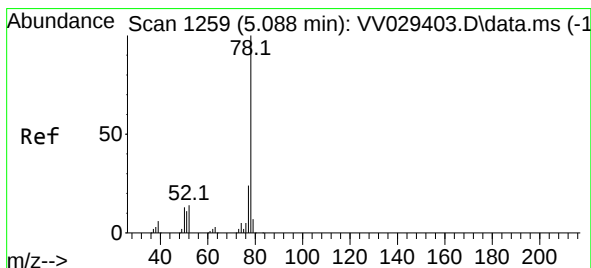
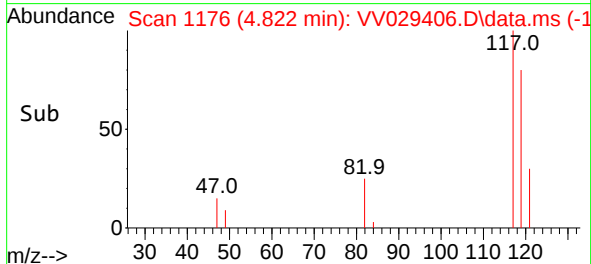
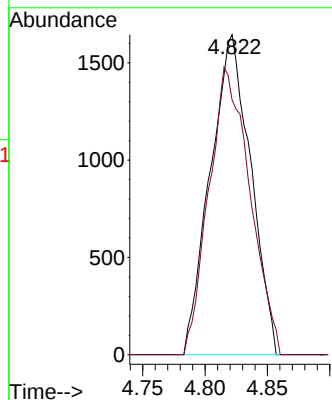
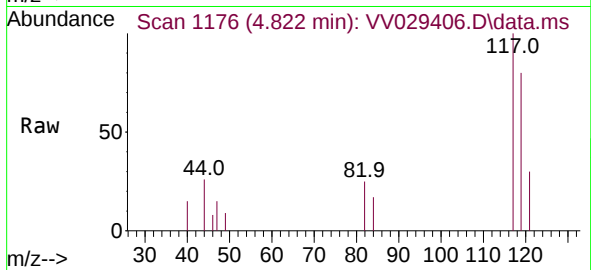




#31
Carbon tetrachloride
Concen: 0.203 ug/L
RT: 4.822 min Scan# 1175
Delta R.T. 0.003 min
Lab File: VV029406.D
Acq: 06 Dec 2022 11:32

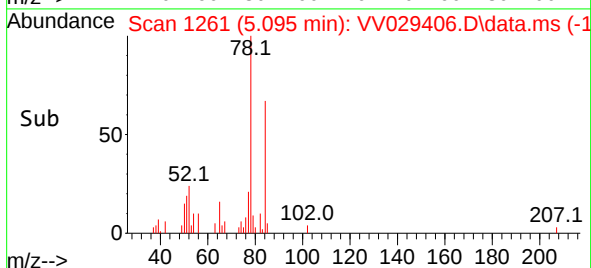
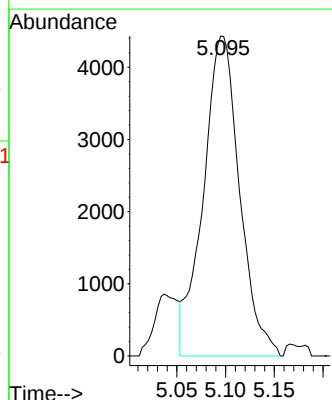
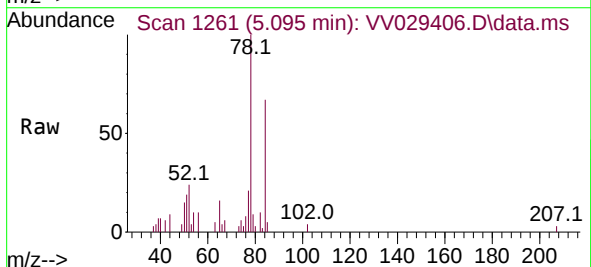
Instrument : MSVOA_V
ClientSampleId : MDL06

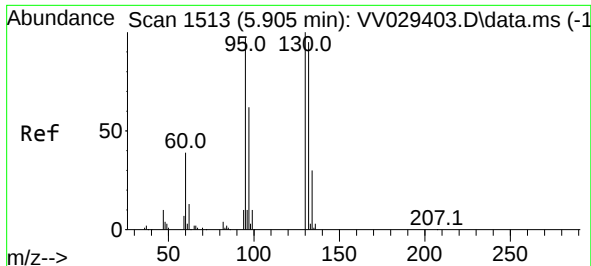
Tgt Ion:117 Resp: 3700
Ion Ratio Lower Upper
117 100
119 91.3 75.7 113.5



#33
Benzene
Concen: 0.205 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.006 min
Lab File: VV029406.D
Acq: 06 Dec 2022 11:32

Tgt Ion: 78 Resp: 11477

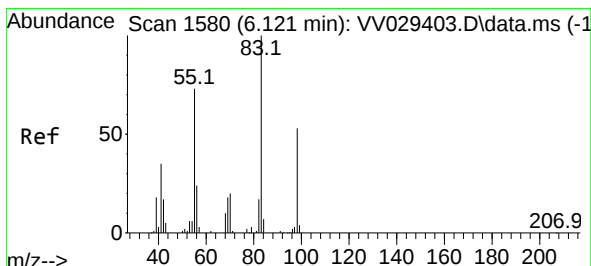
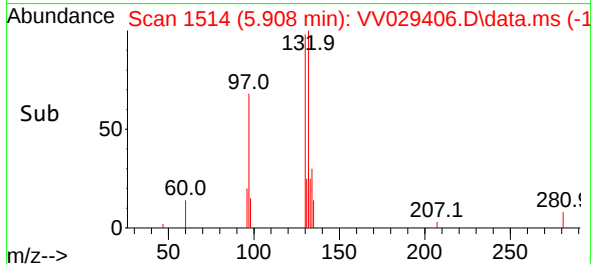
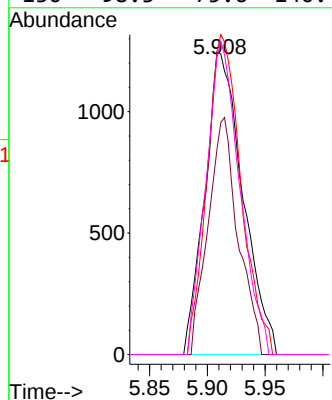
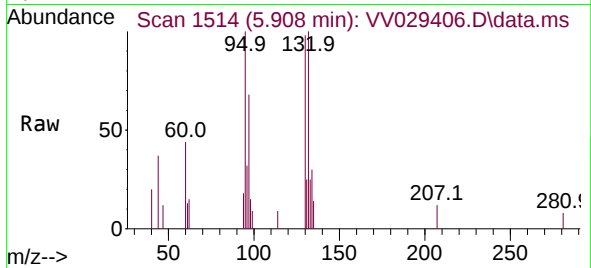




#34
Trichloroethene
Concen: 0.199 ug/L
RT: 5.908 min Scan# 1513
Delta R.T. 0.003 min
Lab File: VV029406.D
Acq: 06 Dec 2022 11:32

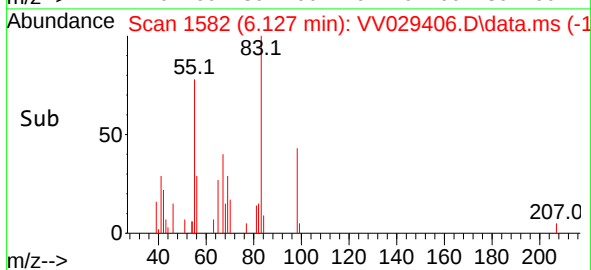
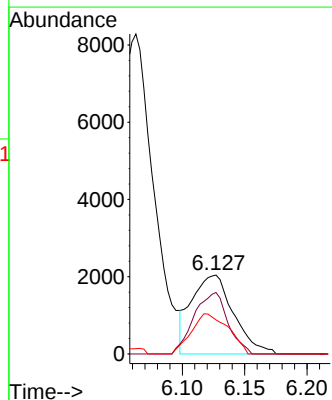
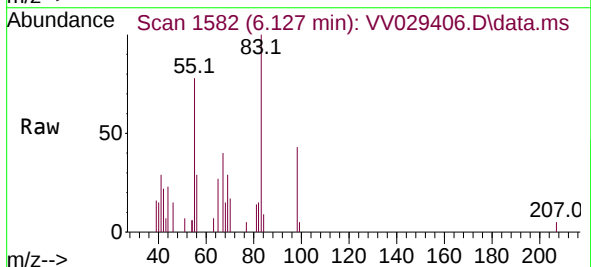
Instrument :
MSVOA_V
ClientSampleId :
MDL06

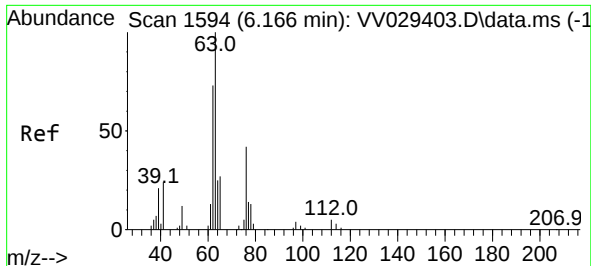
Tgt Ion: 95	Resp: 2837
Ion Ratio	Lower Upper
95 100	
97 67.9	45.4 84.4
132 100.2	73.3 136.1
130 98.3	75.6 140.4



#35
Methylcyclohexane
Concen: 0.198 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.006 min
Lab File: VV029406.D
Acq: 06 Dec 2022 11:32

Tgt Ion: 83	Resp: 4784
Ion Ratio	Lower Upper
83 100	
55 62.8	55.4 83.2
98 44.8	39.4 59.2





#37

1,2-Dichloropropane

Concen: 0.223 ug/L

RT: 6.172 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV029406.D

Acq: 06 Dec 2022 11:32

Instrument :

MSVOA_V

ClientSampleId :

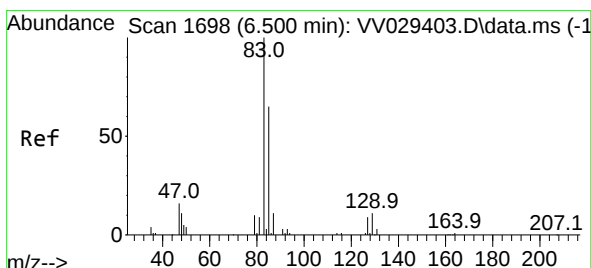
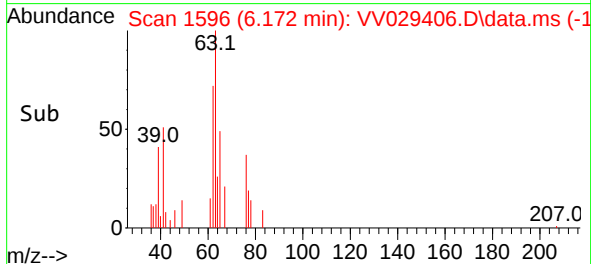
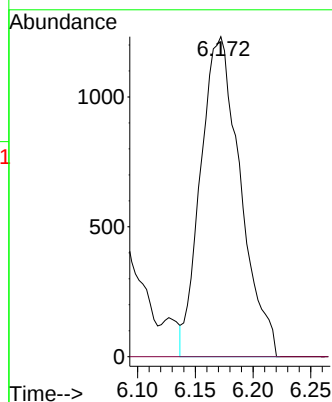
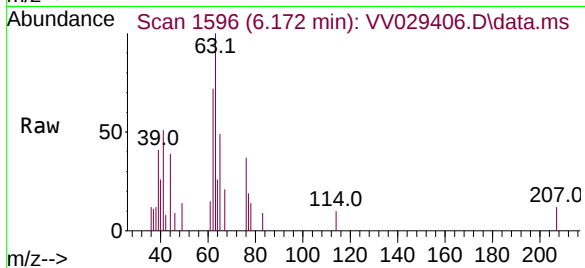
MDL06

Tgt Ion: 63 Resp: 2946

Ion Ratio Lower Upper

63 100

112 0.0 4.1 6.1#



#38

Bromodichloromethane

Concen: 0.225 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. 0.003 min

Lab File: VV029406.D

Acq: 06 Dec 2022 11:32

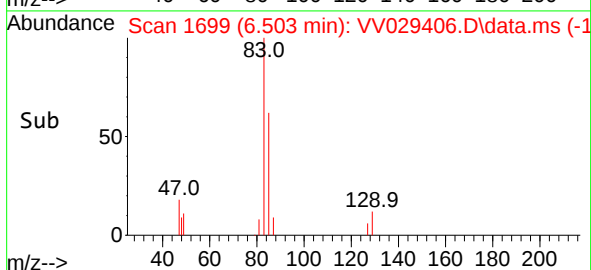
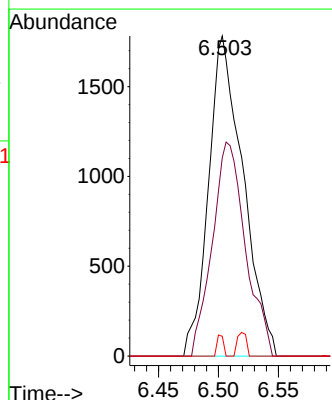
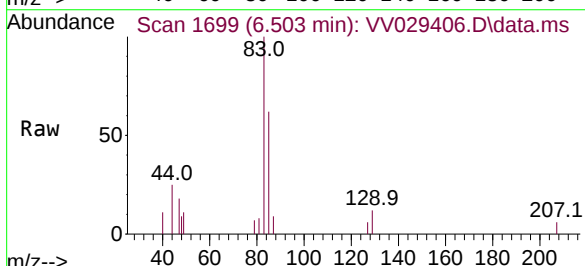
Tgt Ion: 83 Resp: 3558

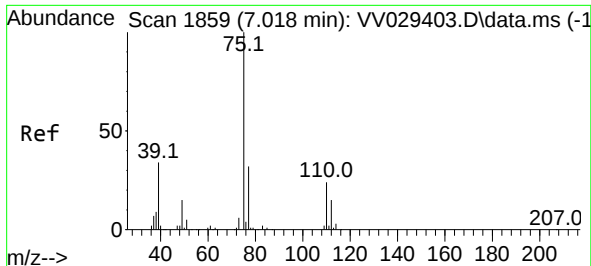
Ion Ratio Lower Upper

83 100

85 62.0 44.7 83.1

127 6.2 7.4 11.2#





#39

cis-1,3-Dichloropropene

Concen: 0.197 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.006 min

Lab File: VV029406.D

Acq: 06 Dec 2022 11:32

Instrument :

MSVOA_V

ClientSampleId :

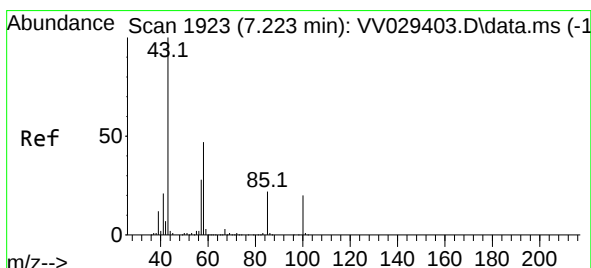
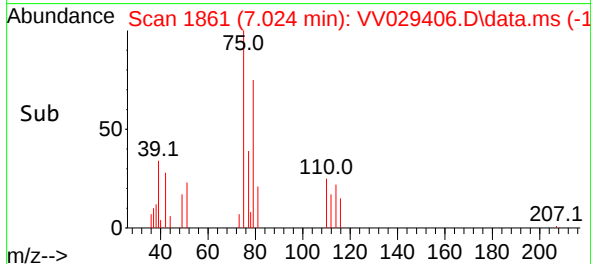
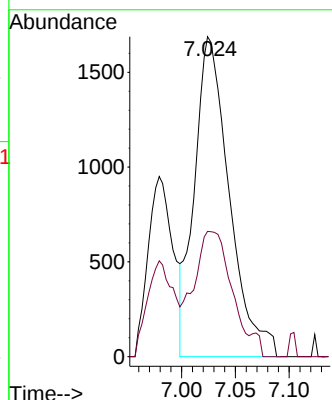
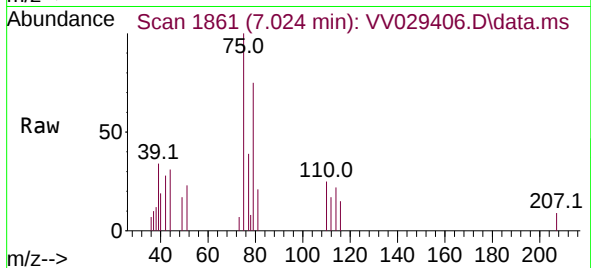
MDL06

Tgt Ion: 75 Resp: 3801

Ion Ratio Lower Upper

75 100

77 39.2 22.7 42.3



#40

4-Methyl-2-pentanone

Concen: 1.769 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.003 min

Lab File: VV029406.D

Acq: 06 Dec 2022 11:32

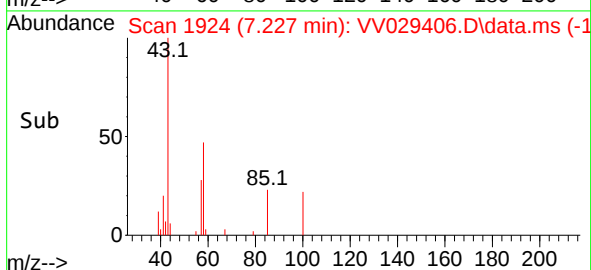
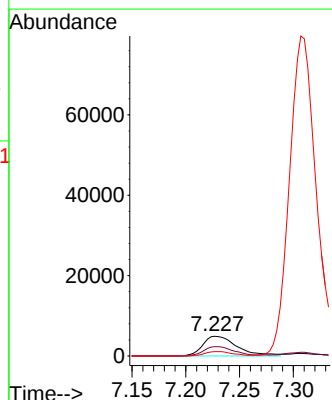
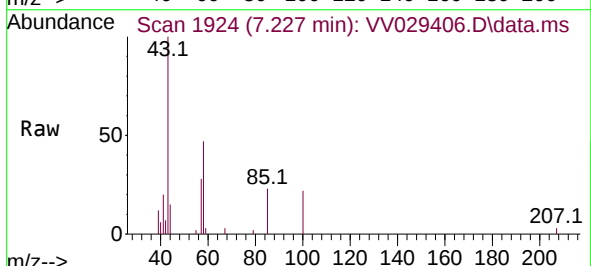
Tgt Ion: 43 Resp: 10925

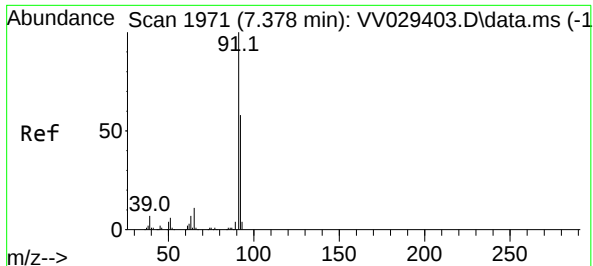
Ion Ratio Lower Upper

43 100

58 42.0 35.3 52.9

100 0.0 15.3 22.9#





#42

Toluene

Concen: 0.198 ug/L

RT: 7.384 min Scan# 1971

Delta R.T. 0.006 min

Lab File: VV029406.D

Acq: 06 Dec 2022 11:32

Instrument :

MSVOA_V

ClientSampleId :

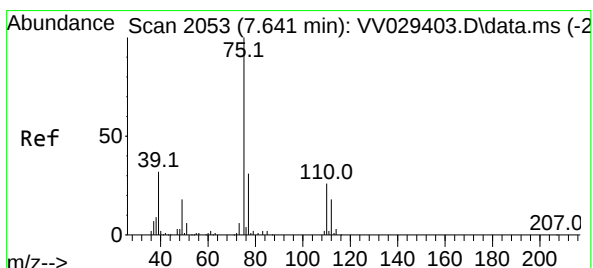
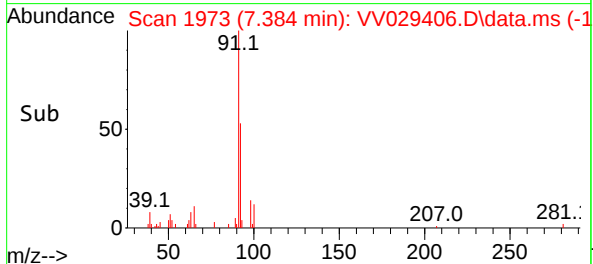
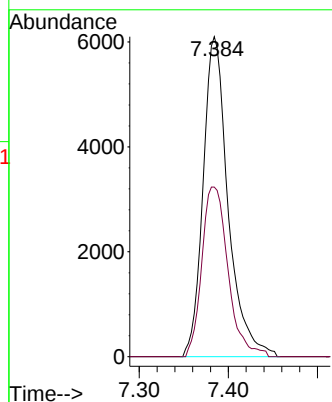
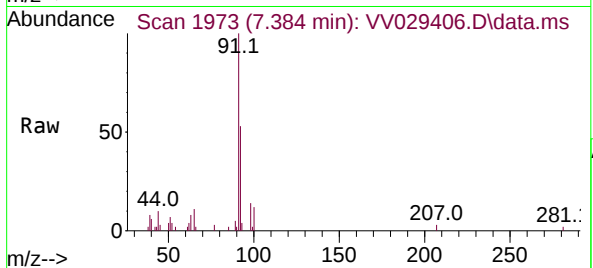
MDL06

Tgt Ion: 91 Resp: 11888

Ion Ratio Lower Upper

91 100

92 53.0 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 0.278 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.010 min

Lab File: VV029406.D

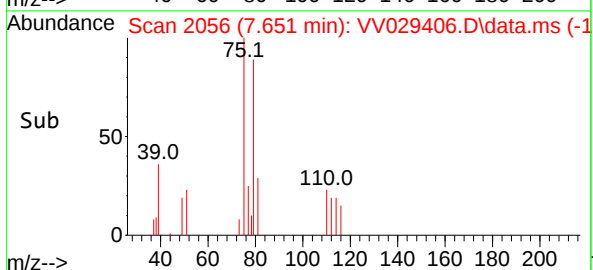
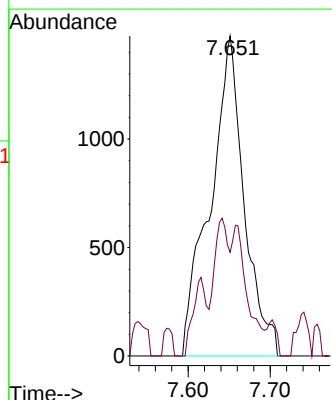
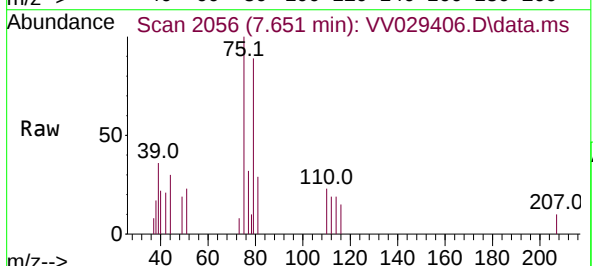
Acq: 06 Dec 2022 11:32

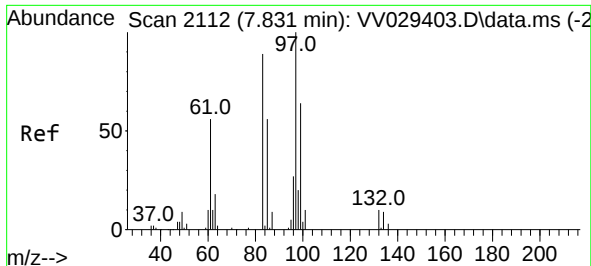
Tgt Ion: 75 Resp: 4240

Ion Ratio Lower Upper

75 100

77 32.4 22.4 41.6





#45

1,1,2-Trichloroethane

Concen: 0.226 ug/L

RT: 7.831 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VV029406.D

Acq: 06 Dec 2022 11:32

Instrument :

MSVOA_V

ClientSampleId :

MDL06

Tgt Ion: 97 Resp: 2021

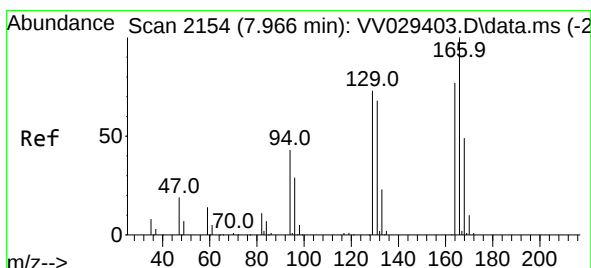
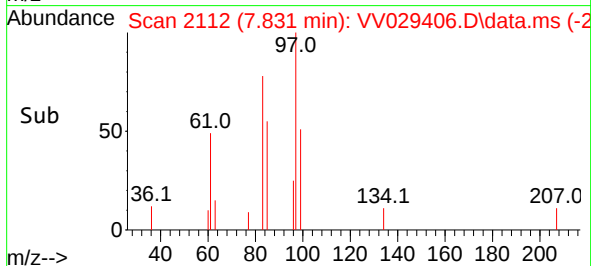
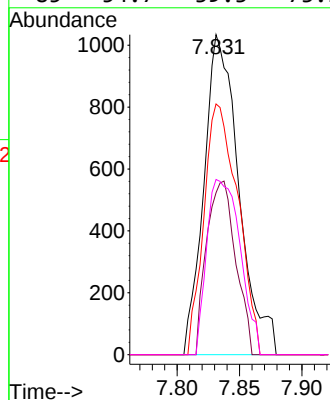
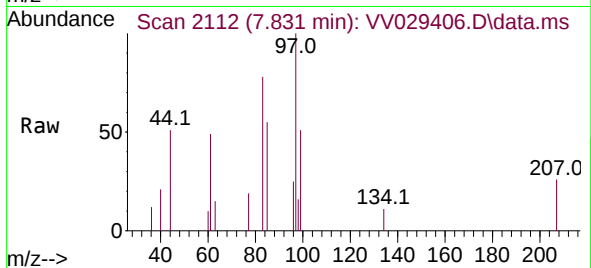
Ion Ratio Lower Upper

97 100

99 50.6 44.4 82.5

83 78.3 59.5 110.5

85 54.7 39.3 73.1



#47

Tetrachloroethene

Concen: 0.177 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. 0.003 min

Lab File: VV029406.D

Acq: 06 Dec 2022 11:32

Tgt Ion: 164 Resp: 2068

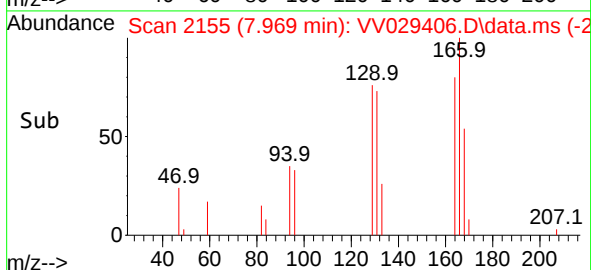
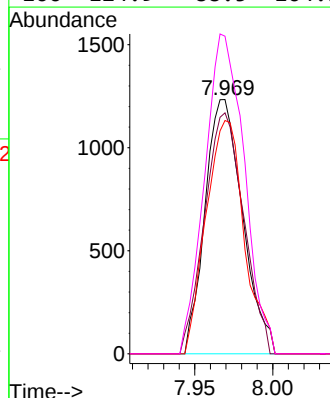
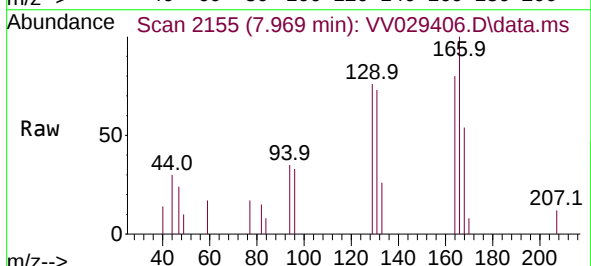
Ion Ratio Lower Upper

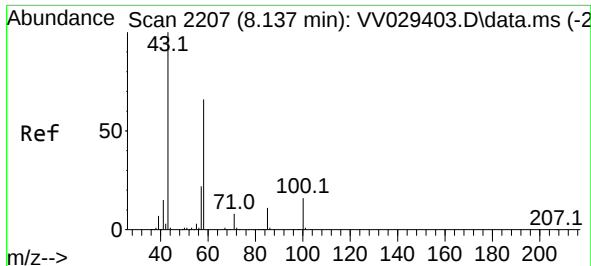
164 100

129 94.7 61.7 114.7

131 91.7 62.9 116.9

166 124.9 88.5 164.3

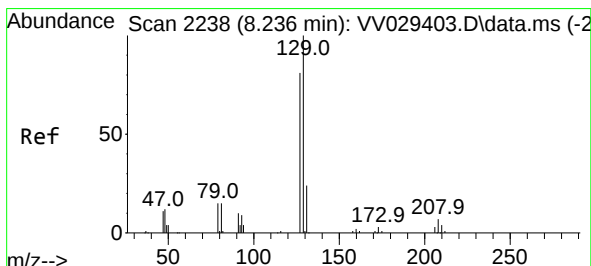
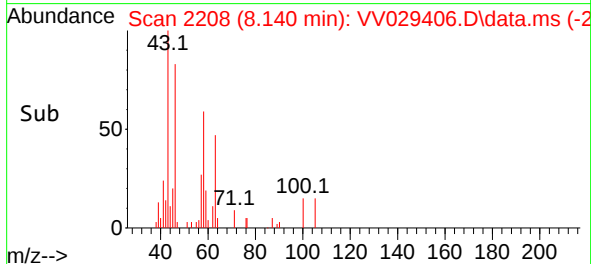
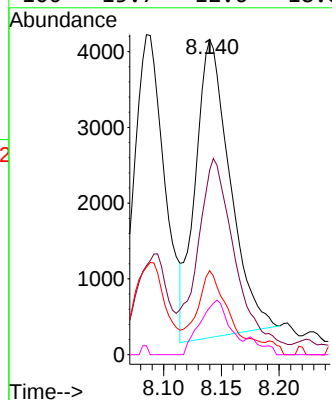
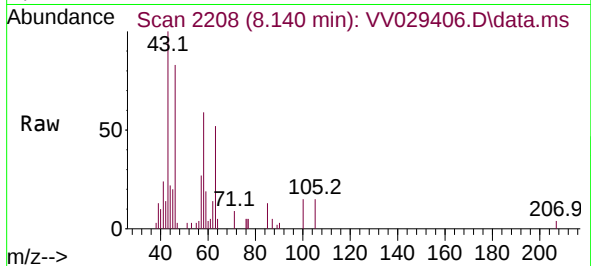




#48
2-Hexanone
Concen: 1.906 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV029406.D
Acq: 06 Dec 2022 11:32

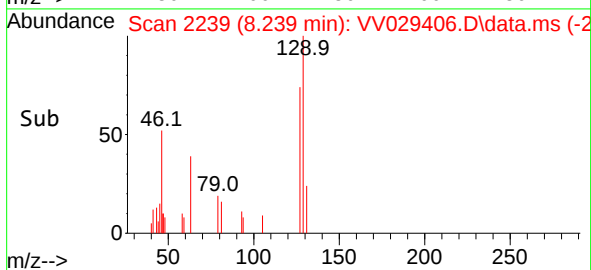
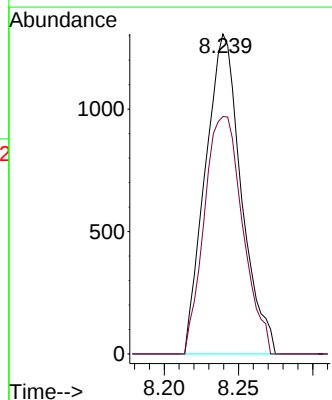
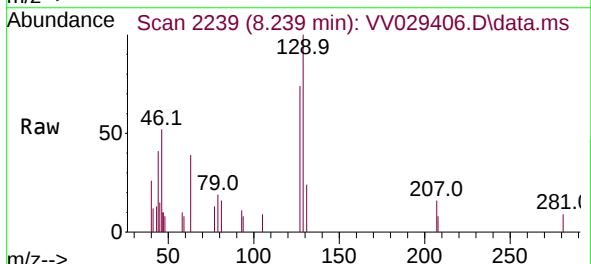
Instrument :
MSVOA_V
ClientSampleId :
MDL06

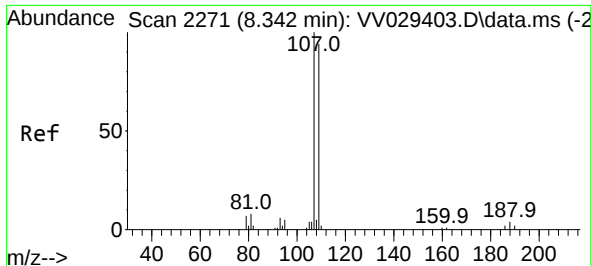
Tgt Ion: 43	Resp: 8202
Ion Ratio	Lower Upper
43 100	
58 74.0	49.4 74.0
57 21.2	16.9 25.3
100 15.7	12.6 18.8



#49
Dibromochloromethane
Concen: 0.219 ug/L
RT: 8.239 min Scan# 2239
Delta R.T. 0.003 min
Lab File: VV029406.D
Acq: 06 Dec 2022 11:32

Tgt Ion:129	Resp:	2199	
Ion	Ratio	Lower	Upper
129	100		
127	74.2	53.1	98.7





#50

1,2-Dibromoethane

Concen: 0.214 ug/L

RT: 8.346 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV029406.D

Acq: 06 Dec 2022 11:32

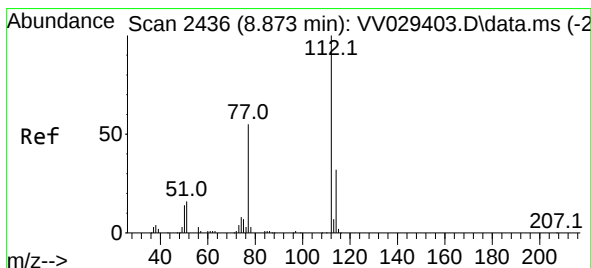
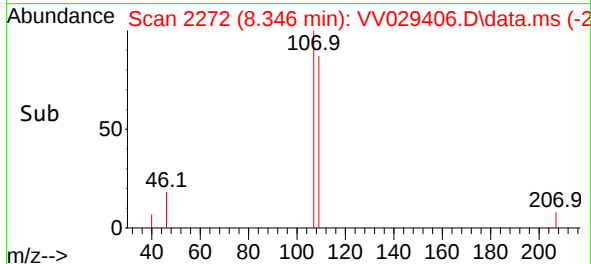
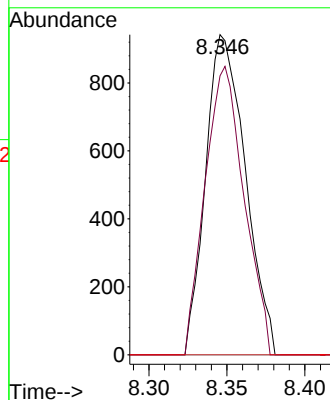
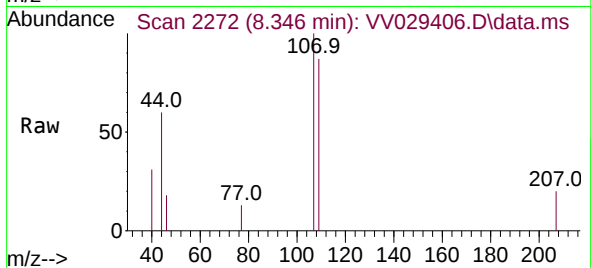
Instrument :

MSVOA_V

ClientSampleId :

MDL06

Tgt Ion:	107	Resp:	1670
Ion	Ratio	Lower	Upper
107	100		
109	87.2	64.0	118.8
188	0.0	3.0	4.4#



#51

Chlorobenzene

Concen: 0.205 ug/L

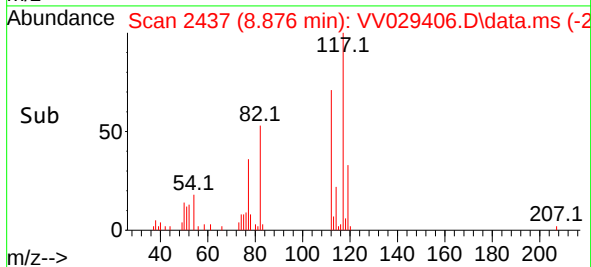
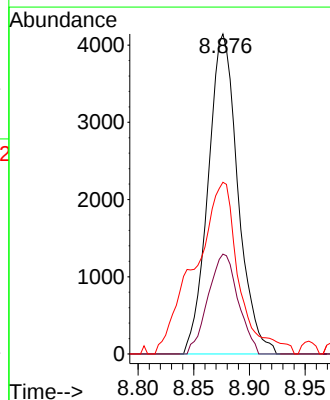
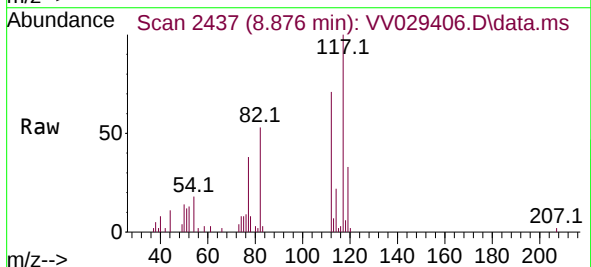
RT: 8.876 min Scan# 2437

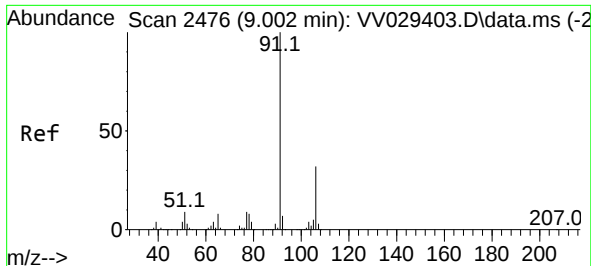
Delta R.T. 0.003 min

Lab File: VV029406.D

Acq: 06 Dec 2022 11:32

Tgt Ion:	112	Resp:	7717
Ion	Ratio	Lower	Upper
112	100		
114	31.2	22.9	42.5
77	53.7	45.3	67.9





#52

Ethylbenzene

Concen: 0.201 ug/L

RT: 9.008 min Scan# 2476

Delta R.T. 0.006 min

Lab File: VV029406.D

Acq: 06 Dec 2022 11:32

Instrument :

MSVOA_V

ClientSampleId :

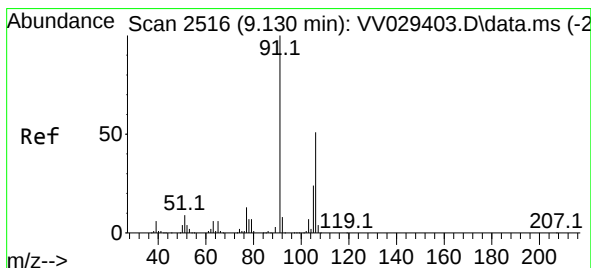
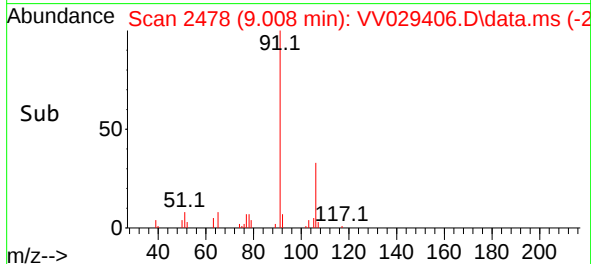
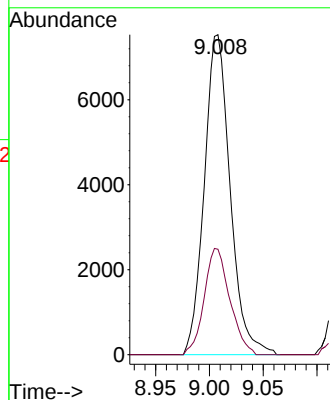
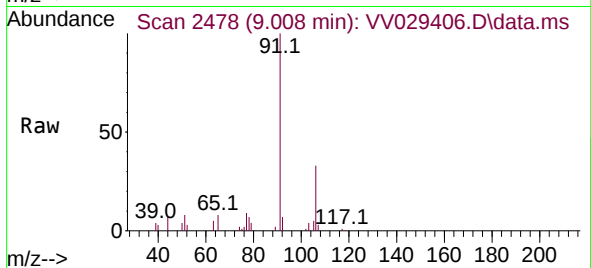
MDL06

Tgt Ion: 91 Resp: 12619

Ion Ratio Lower Upper

91 100

106 33.0 21.9 40.7



#53

m,p-Xylene

Concen: 0.188 ug/L

RT: 9.133 min Scan# 2517

Delta R.T. 0.003 min

Lab File: VV029406.D

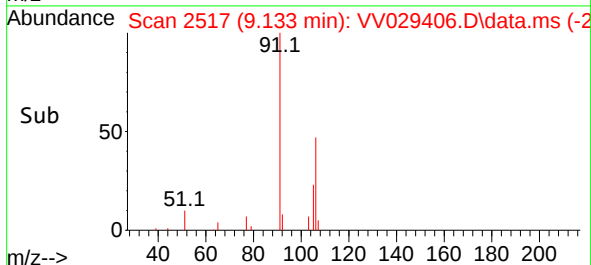
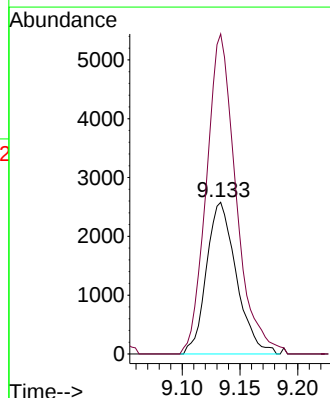
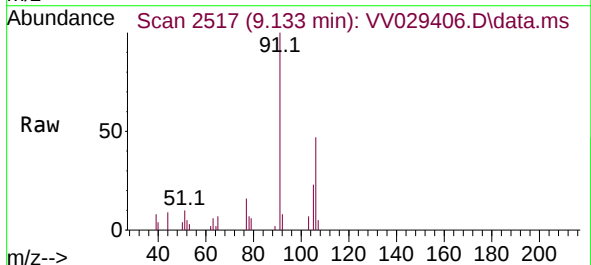
Acq: 06 Dec 2022 11:32

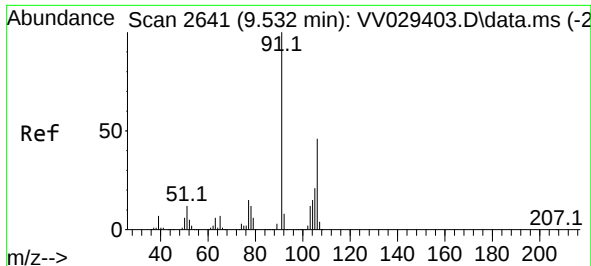
Tgt Ion: 106 Resp: 4636

Ion Ratio Lower Upper

106 100

91 210.9 140.6 261.2

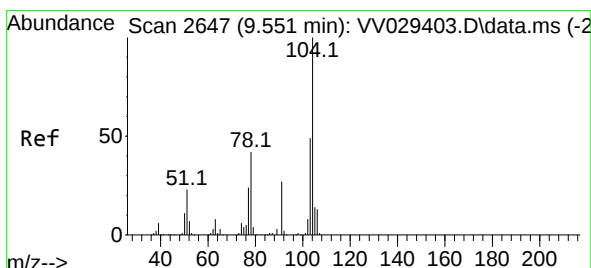
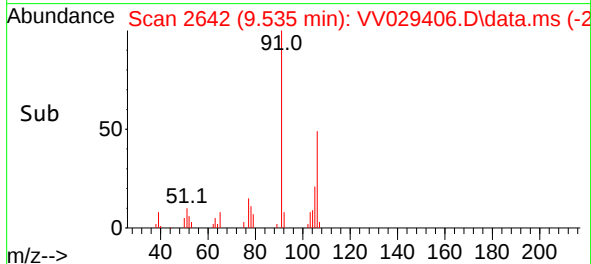
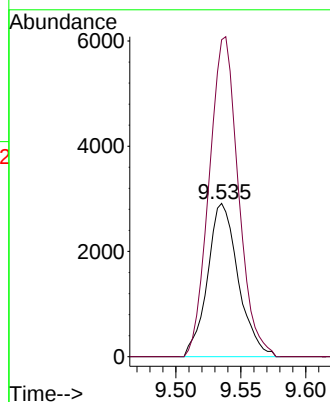
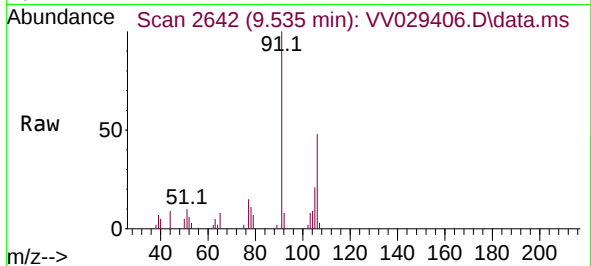




#54
o-Xylene
Concen: 0.197 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. 0.003 min
Lab File: VV029406.D
Acq: 06 Dec 2022 11:32

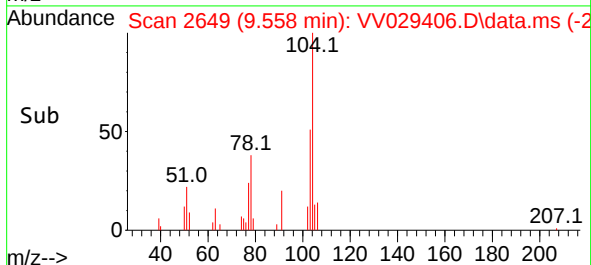
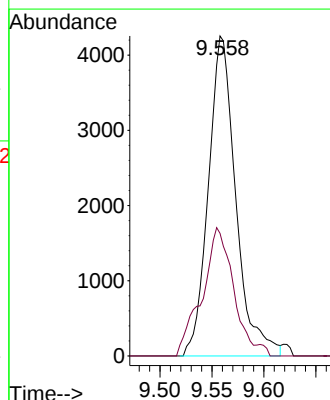
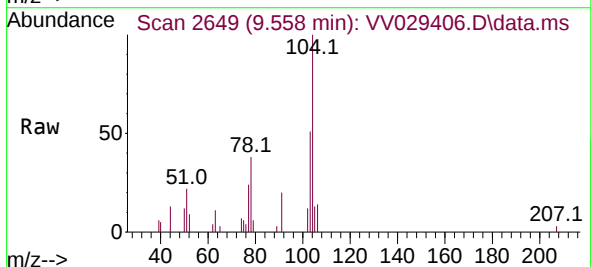
Instrument :
MSVOA_V
ClientSampleId :
MDL06

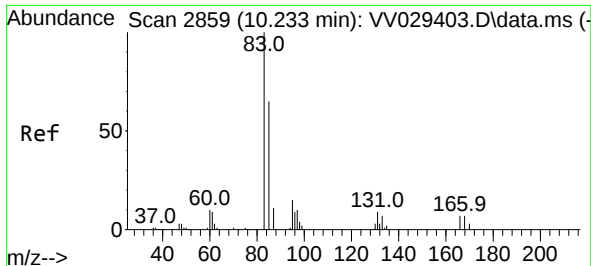
Tgt Ion:106 Resp: 4782
Ion Ratio Lower Upper
106 100
91 206.8 146.9 272.9



#55
Styrene
Concen: 0.191 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.006 min
Lab File: VV029406.D
Acq: 06 Dec 2022 11:32

Tgt Ion:104 Resp: 7814
Ion Ratio Lower Upper
104 100
78 38.3 29.9 55.5





#57

1,1,2,2-Tetrachloroethane

Concen: 0.226 ug/L

RT: 10.233 min Scan# 2859

Delta R.T. -0.000 min

Lab File: VV029406.D

Acq: 06 Dec 2022 11:32

Instrument :

MSVOA_V

ClientSampleId :

MDL06

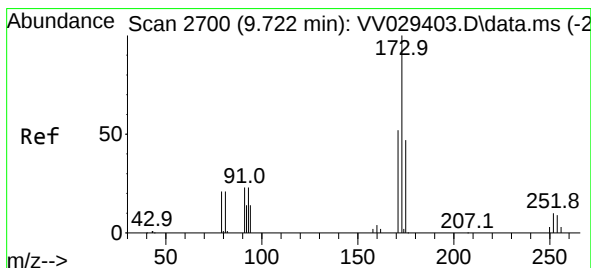
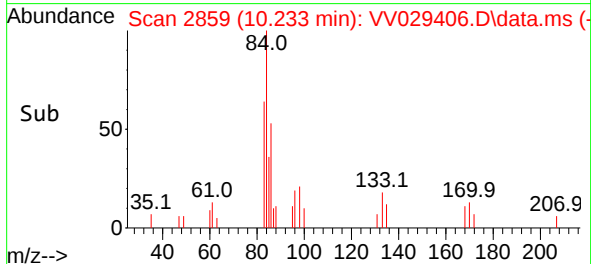
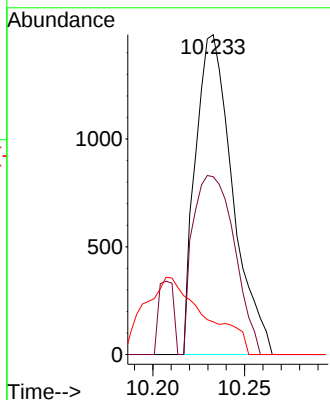
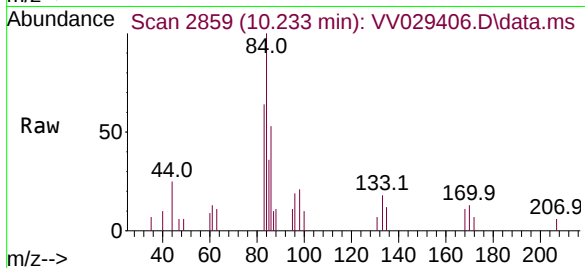
Tgt Ion: 83 Resp: 2085

Ion Ratio Lower Upper

83 100

85 55.6 45.5 84.5

131 10.2 8.2 12.2



#59

Bromoform

Concen: 0.228 ug/L

RT: 9.722 min Scan# 2700

Delta R.T. -0.000 min

Lab File: VV029406.D

Acq: 06 Dec 2022 11:32

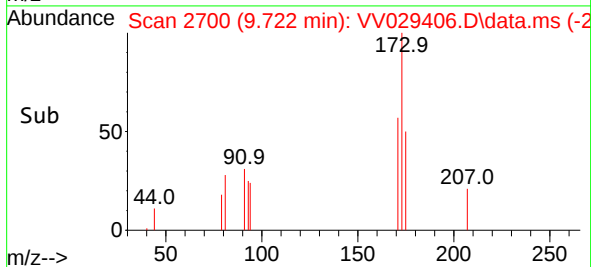
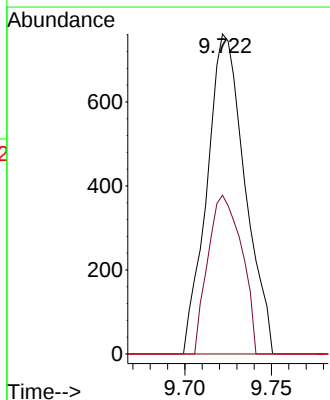
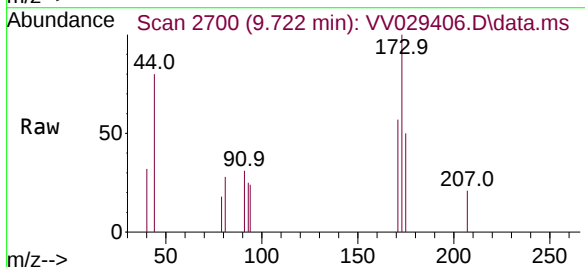
Tgt Ion: 173 Resp: 1160

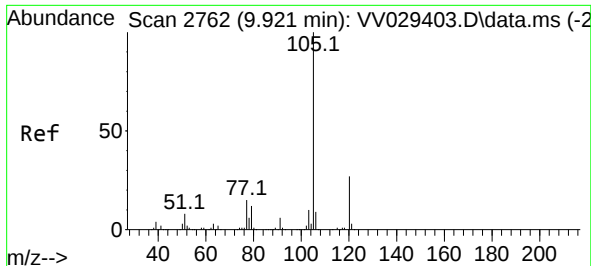
Ion Ratio Lower Upper

173 100

175 44.1 38.6 58.0

254 0.0 8.3 12.5

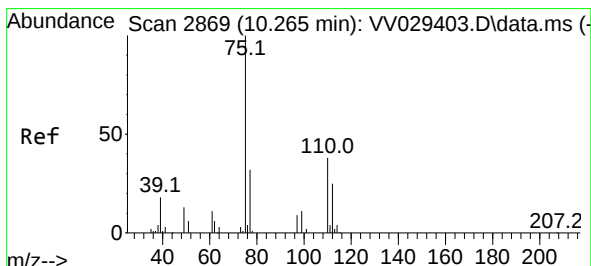
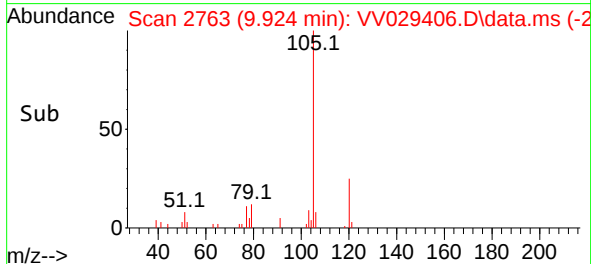
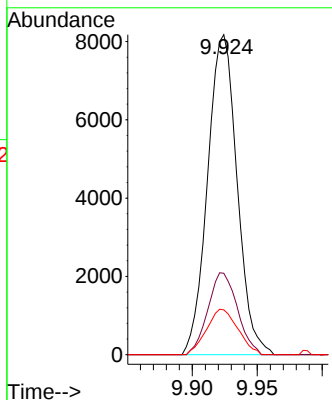
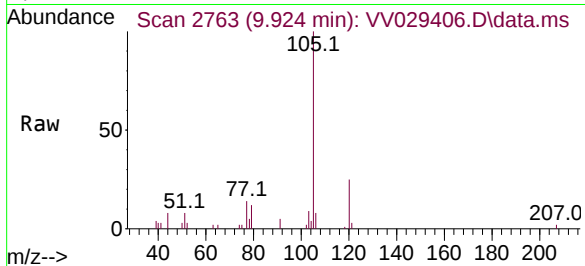




#60
Isopropylbenzene
Concen: 0.206 ug/L
RT: 9.924 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV029406.D
Acq: 06 Dec 2022 11:32

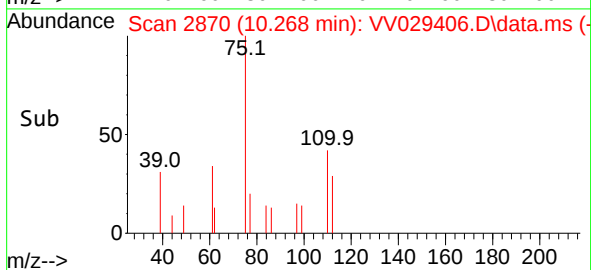
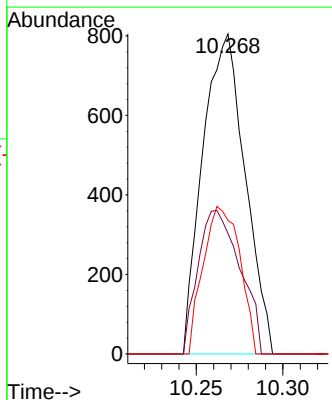
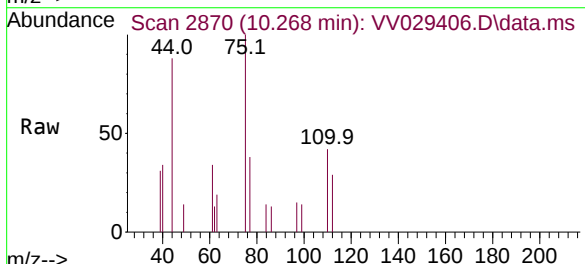
Instrument :
MSVOA_V
ClientSampleId :
MDL06

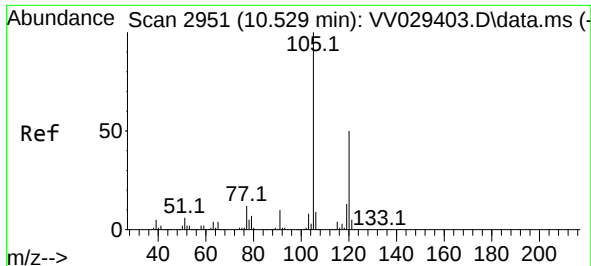
Tgt Ion:	105	Resp:	12905
Ion	Ratio	Lower	Upper
105	100		
120	25.6	21.4	32.2
77	15.1	11.8	17.8



#61
1,2,3-Trichloropropane
Concen: 0.204 ug/L
RT: 10.268 min Scan# 2870
Delta R.T. 0.003 min
Lab File: VV029406.D
Acq: 06 Dec 2022 11:32

Tgt Ion:	75	Resp:	1370
Ion	Ratio	Lower	Upper
75	100		
77	44.7	26.7	40.1#
110	39.8	32.2	48.4





#62

1,3,5-Trimethylbenzene

Concen: 0.191 ug/L

RT: 10.529 min Scan# 2951

Delta R.T. -0.000 min

Lab File: VV029406.D

Acq: 06 Dec 2022 11:32

Instrument :

MSVOA_V

ClientSampleId :

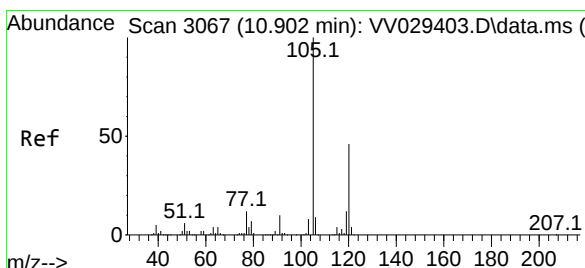
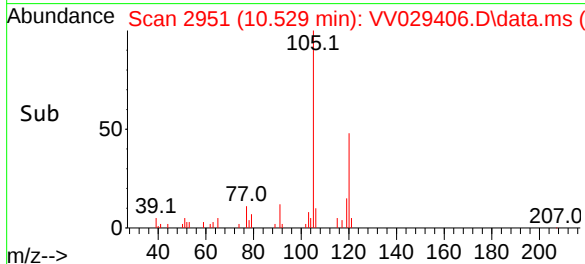
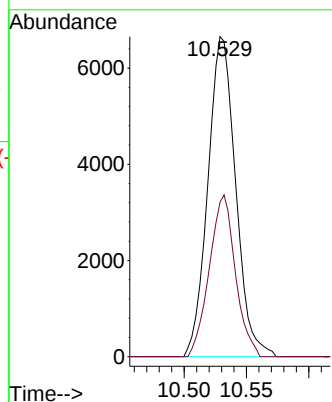
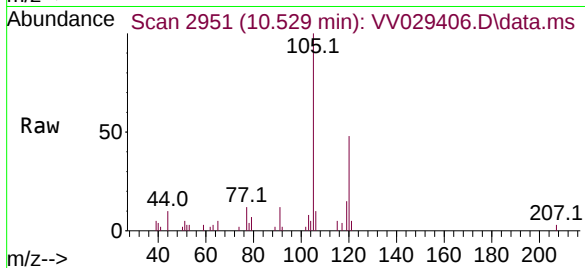
MDL06

Tgt Ion:105 Resp: 10323

Ion Ratio Lower Upper

105 100

120 47.4 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 0.193 ug/L

RT: 10.905 min Scan# 3068

Delta R.T. 0.003 min

Lab File: VV029406.D

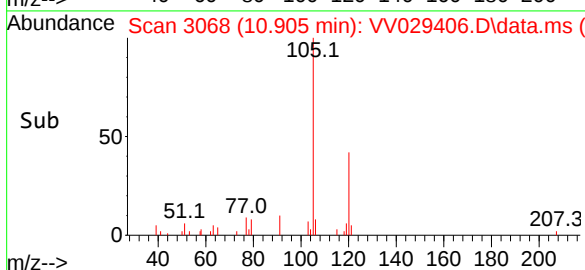
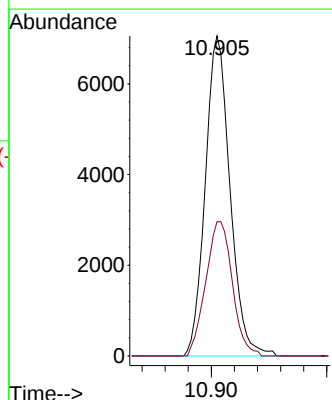
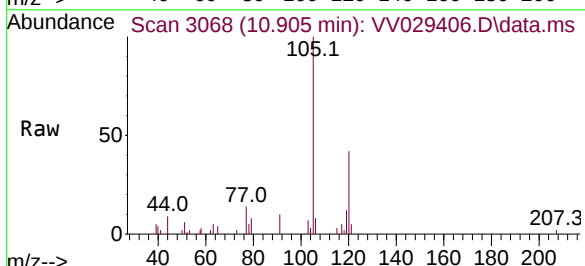
Acq: 06 Dec 2022 11:32

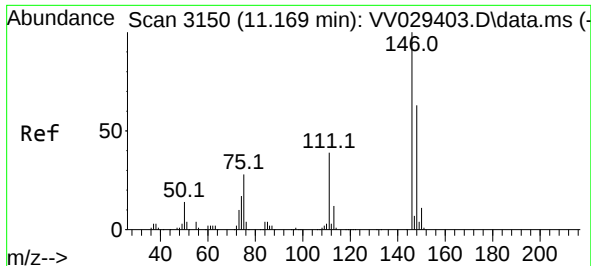
Tgt Ion:105 Resp: 10493

Ion Ratio Lower Upper

105 100

120 45.1 37.2 55.8

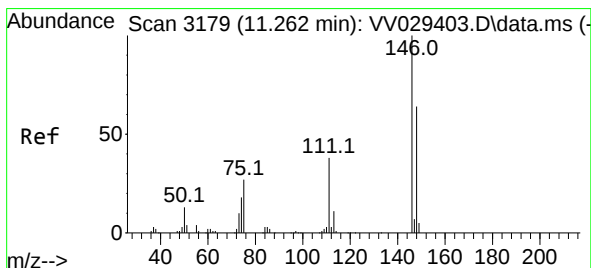
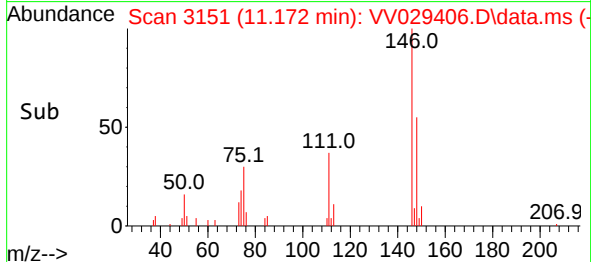
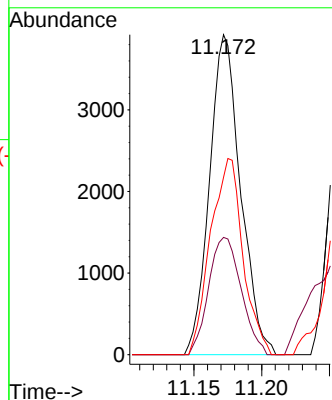
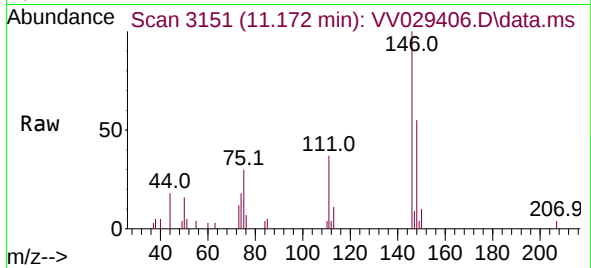




#64
1,3-Dichlorobenzene
Concen: 0.214 ug/L
RT: 11.172 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VV029406.D
Acq: 06 Dec 2022 11:32

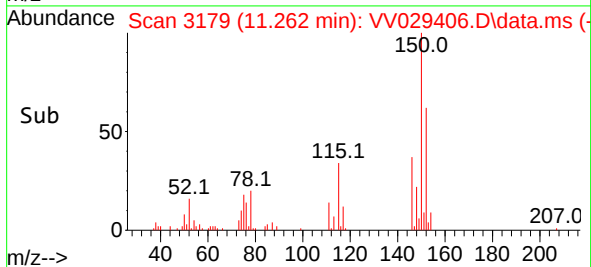
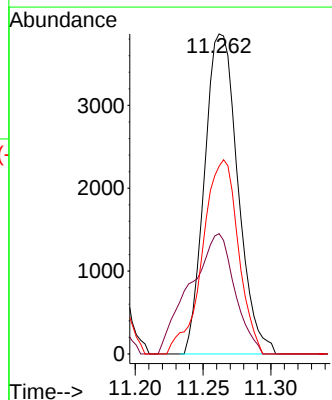
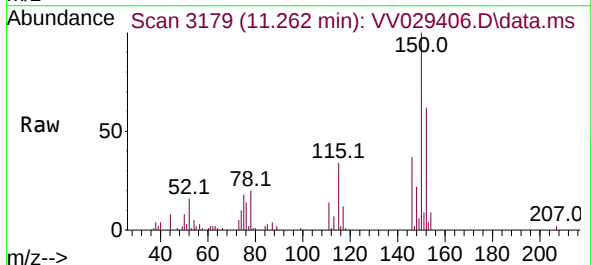
Instrument :
MSVOA_V
ClientSampleId :
MDL06

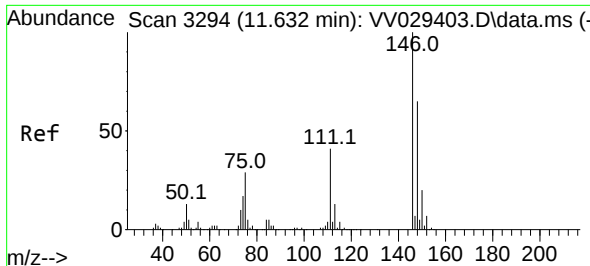
Tgt Ion:146 Resp: 6248
Ion Ratio Lower Upper
146 100
111 36.7 26.3 48.9
148 55.4 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 0.228 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. -0.000 min
Lab File: VV029406.D
Acq: 06 Dec 2022 11:32

Tgt Ion:146 Resp: 6592
Ion Ratio Lower Upper
146 100
111 37.6 26.0 48.4
148 58.6 44.7 82.9

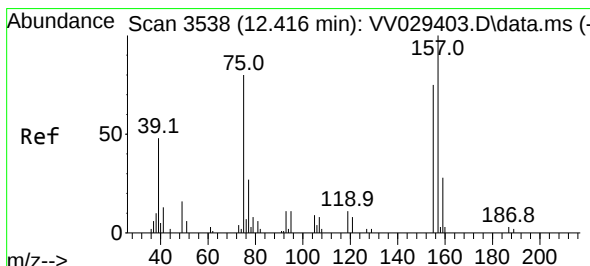
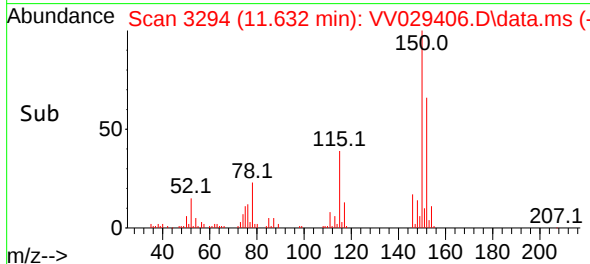
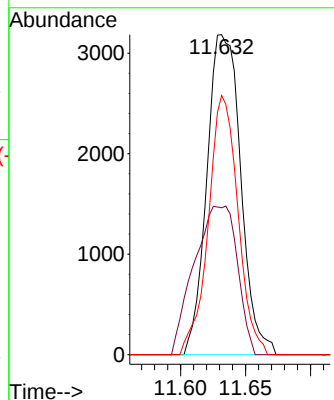
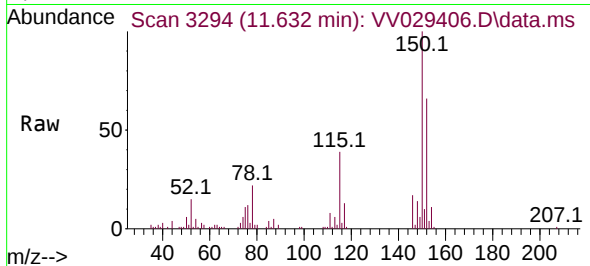




#67
1,2-Dichlorobenzene
Concen: 0.215 ug/L
RT: 11.632 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV029406.D
Acq: 06 Dec 2022 11:32

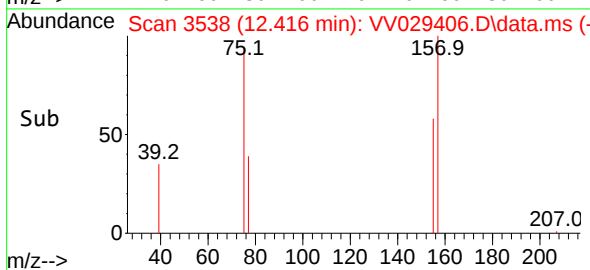
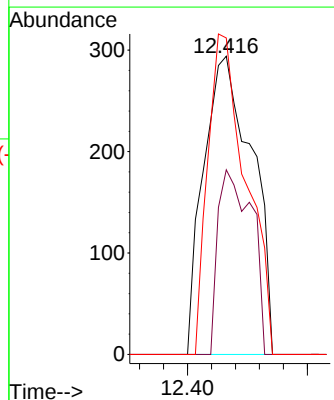
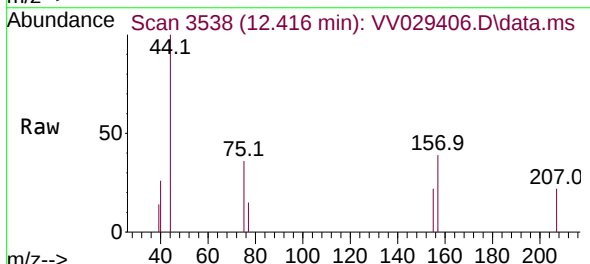
Instrument :
MSVOA_V
ClientSampleId :
MDL06

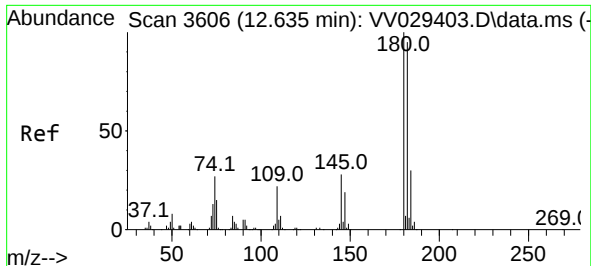
Tgt Ion:146 Resp: 5772
Ion Ratio Lower Upper
146 100
111 45.9 33.5 50.3
148 81.0 50.7 76.1#



#68
1,2-Dibromo-3-chloropropane
Concen: 0.312 ug/L
RT: 12.416 min Scan# 3538
Delta R.T. -0.000 min
Lab File: VV029406.D
Acq: 06 Dec 2022 11:32

Tgt Ion: 75 Resp: 411
Ion Ratio Lower Upper
75 100
155 61.9 76.6 115.0#
157 106.1 96.9 145.3

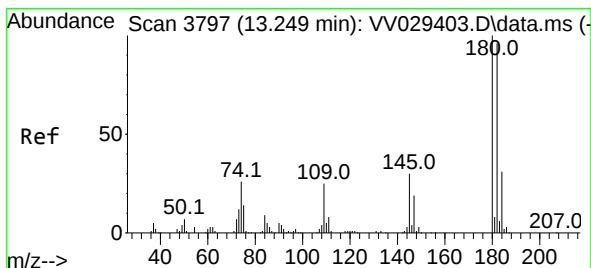
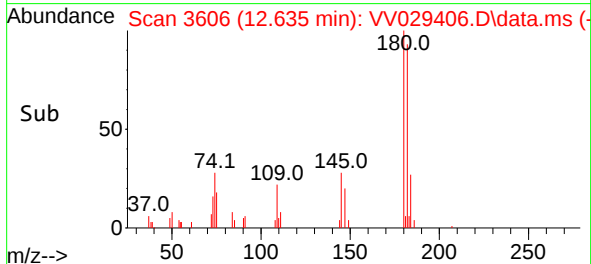
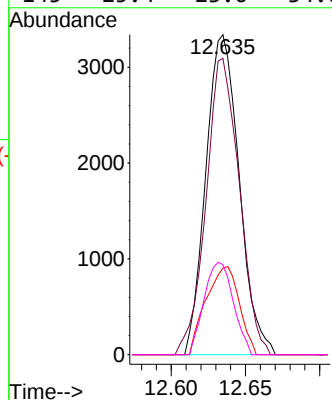
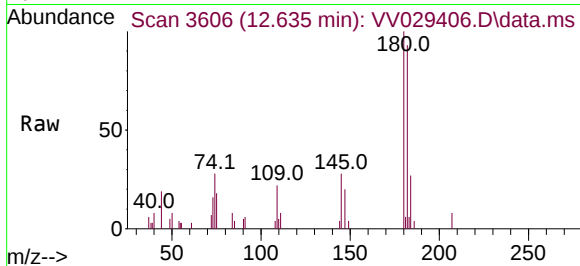




#69
 1,3,5-Trichlorobenzene
 Concen: 0.217 ug/L
 RT: 12.635 min Scan# 3606
 Delta R.T. -0.000 min
 Lab File: VV029406.D
 Acq: 06 Dec 2022 11:32

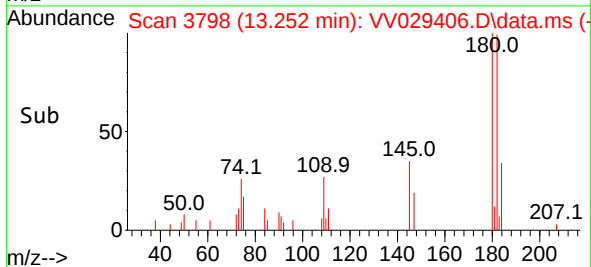
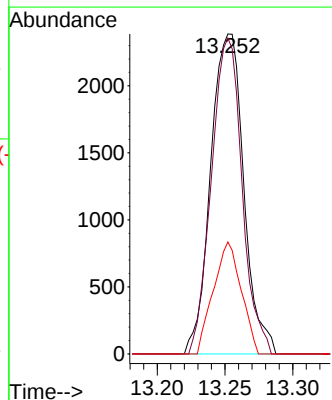
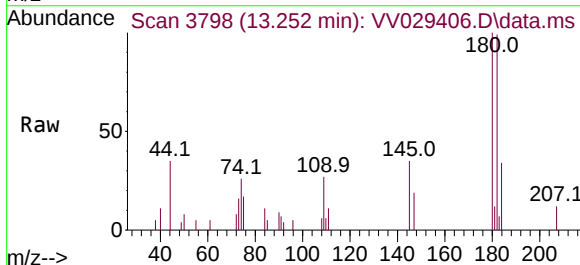
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL06

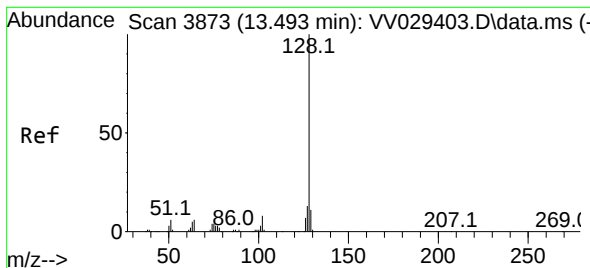
Tgt Ion:180	Resp:	5214
Ion Ratio	Lower	Upper
180	100	
182	92.3	77.0 115.6
184	27.4	24.4 36.6
145	25.4	23.0 34.6



#70
 1,2,4-trichlorobenzene
 Concen: 0.208 ug/L
 RT: 13.252 min Scan# 3798
 Delta R.T. 0.003 min
 Lab File: VV029406.D
 Acq: 06 Dec 2022 11:32

Tgt Ion:180	Resp:	4046
Ion Ratio	Lower	Upper
180	100	
182	91.4	76.2 114.4
145	29.4	23.4 35.0





#71

Naphthalene

Concen: 0.228 ug/L

RT: 13.496 min Scan# 3873

Delta R.T. 0.003 min

Lab File: VV029406.D

Acq: 06 Dec 2022 11:32

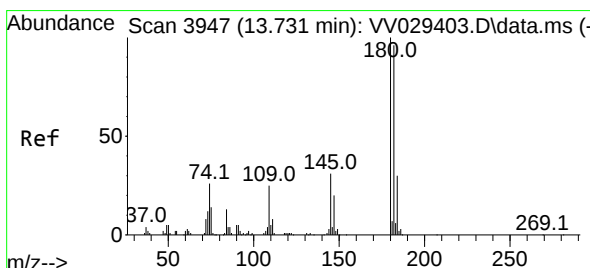
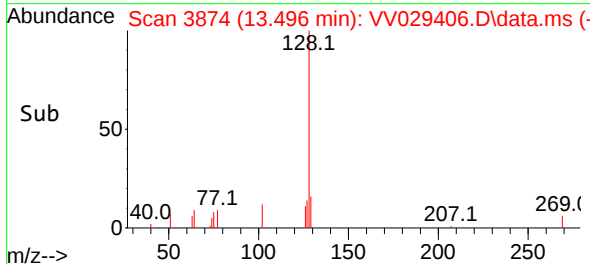
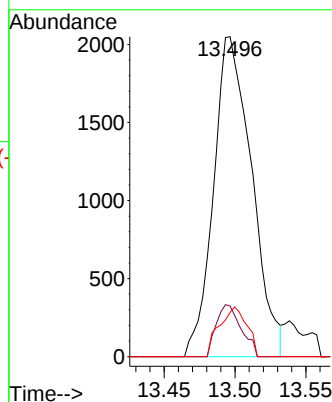
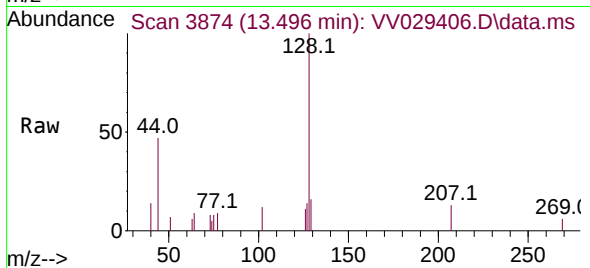
Instrument :

MSVOA_V

ClientSampleId :

MDL06

Tgt Ion:	128	Resp:	3836
Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.9	13.3
127	11.2	10.6	15.8



#72

1,2,3-Trichlorobenzene

Concen: 0.215 ug/L

RT: 13.731 min Scan# 3947

Delta R.T. -0.000 min

Lab File: VV029406.D

Acq: 06 Dec 2022 11:32

Tgt Ion:	180	Resp:	3412
Ion	Ratio	Lower	Upper
180	100		
182	87.5	75.0	112.4
145	28.3	25.2	37.8

