

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120722\
 Data File : VW029425.D
 Acq On : 07 Dec 2022 18:20
 Operator : SY/MD
 Sample : MDL01
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01

Quant Time: Dec 08 01:35:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 08 00:46:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	512564	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	464677	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	241759	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	130602	41.610	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	83.220%		
7) Chloroethane-d5	1.561	69	107671	44.987	ug/L	0.01
Spiked Amount 50.000	Range 70 - 130		Recovery =	89.980%		
11) 1,1-Dichloroethene-d2	2.105	63	165712	33.849	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	67.700%		
21) 2-Butanone-d5	3.867	46	207579	108.413	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	108.410%		
24) Chloroform-d	4.339	84	265212	44.902	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.800%		
26) 1,2-Dichloroethane-d4	5.024	65	163329	48.417	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.840%		
32) Benzene-d6	5.043	84	580503	47.279	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.560%		
36) 1,2-Dichloropropane-d6	6.063	67	182848	48.753	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.500%		
41) Toluene-d8	7.307	98	533000	46.072	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.140%		
43) trans-1,3-Dichloroprop...	7.612	79	89042	47.017	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	94.040%		
47) 2-Hexanone-d5	8.082	63	173295	108.206	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	108.210%		
56) 1,1,2,2-Tetrachloroeth...	10.207	84	263739	49.211	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	98.420%		
66) 1,2-Dichlorobenzene-d4	11.612	152	217420	47.243	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.480%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.124	85	8092	2.004	ug/L	96
3) Chloromethane	1.240	50	10844	2.356	ug/L	98
5) Vinyl chloride	1.307	62	8195	2.128	ug/L #	64
6) Bromomethane	1.516	94	4172	2.692	ug/L	100
8) Chloroethane	1.581	64	4759	2.219	ug/L	99
9) Trichlorofluoromethane	1.751	101	10186	2.113	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	7161	2.673	ug/L #	80
12) 1,1-Dichloroethene	2.114	96	7164	2.615	ug/L #	1
13) Acetone	2.156	43	6098	4.889	ug/L	96
14) Carbon disulfide	2.291	76	19725	2.163	ug/L	100
15) Methyl Acetate	2.429	43	6631	2.333	ug/L #	69
16) Methylene chloride	2.500	84	9801	2.877	ug/L	98
17) trans-1,2-Dichloroethene	2.757	96	6696	2.121	ug/L	97
18) Methyl tert-butyl Ether	2.764	73	20656	2.136	ug/L	98
19) 1,1-Dichloroethane	3.188	63	11659	2.156	ug/L	98
20) cis-1,2-Dichloroethene	3.902	96	7483	2.156	ug/L	88
22) 2-Butanone	3.973	43	2440	1.229	ug/L	100
23) Bromochloromethane	4.243	128	3715	2.078	ug/L	93
25) Chloroform	4.368	83	12880	2.297	ug/L	100

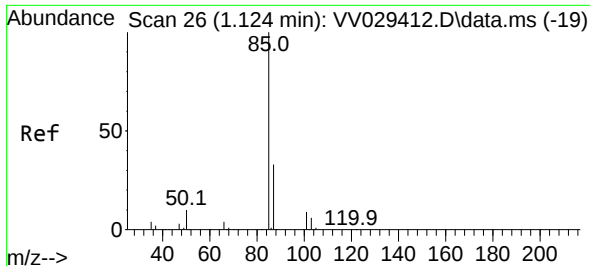
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 Quant Title : VOC Analysis
 QLast Update : Thu Dec 08 00:46:44 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	7569	1.911	ug/L	94
29) Cyclohexane	4.670	56	10769	2.139	ug/L	96
30) 1,1,1-Trichloroethane	4.600	97	10592	2.092	ug/L	99
31) Carbon tetrachloride	4.818	117	8970	2.029	ug/L	98
33) Benzene	5.095	78	26815	2.047	ug/L	100
34) Trichloroethene	5.912	95	7059	2.151	ug/L	93
35) Methylcyclohexane	6.127	83	12411	2.226	ug/L	94
37) 1,2-Dichloropropane	6.169	63	6358	2.011	ug/L #	85
38) Bromodichloromethane	6.506	83	8992	2.060	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	10798	2.077	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	17226	4.570	ug/L	98
42) Toluene	7.384	91	29337	2.081	ug/L	92
44) trans-1,3-Dichloropropene	7.648	75	10505	2.134	ug/L	89
45) 1,1,2-Trichloroethane	7.834	97	7213	2.209	ug/L	94
46) Tetrachloroethene	7.969	164	5649	2.141	ug/L	98
48) 2-Hexanone	8.140	43	14998	5.208	ug/L	97
49) Dibromochloromethane	8.239	129	7884	2.186	ug/L	91
50) 1,2-Dibromoethane	8.349	107	7145	2.123	ug/L	94
51) Chlorobenzene	8.876	112	19143	2.144	ug/L	97
52) Ethylbenzene	9.005	91	30783	2.077	ug/L	98
53) m,p-Xylene	9.130	106	12011	2.047	ug/L	92
54) o-Xylene	9.535	106	12130	2.090	ug/L	96
55) Styrene	9.555	104	19613	1.945	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.233	83	11915	2.281	ug/L	97
59) Bromoform	9.722	173	5681	2.127	ug/L	95
60) Isopropylbenzene	9.921	105	30773	2.168	ug/L	98
61) 1,2,3-Trichloropropane	10.265	75	9456	2.534	ug/L	98
62) 1,3,5-Trimethylbenzene	10.529	105	25460	2.029	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	25575	2.056	ug/L	98
64) 1,3-Dichlorobenzene	11.172	146	14570	2.099	ug/L	94
65) 1,4-Dichlorobenzene	11.262	146	16445	2.332	ug/L	98
67) 1,2-Dichlorobenzene	11.632	146	15638	2.203	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.416	75	2456	2.118	ug/L	90
69) 1,3,5-Trichlorobenzene	12.635	180	11578	2.096	ug/L	96
70) 1,2,4-trichlorobenzene	13.249	180	10178	2.072	ug/L	98
71) Naphthalene	13.496	128	23028	2.067	ug/L	98
72) 1,2,3-Trichlorobenzene	13.731	180	10302	2.142	ug/L	99

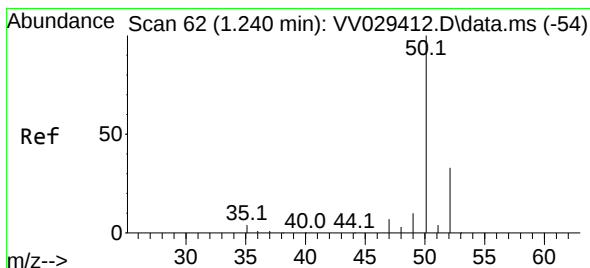
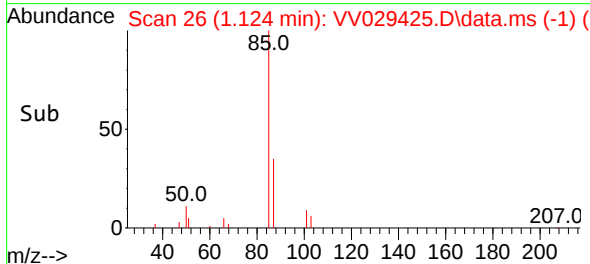
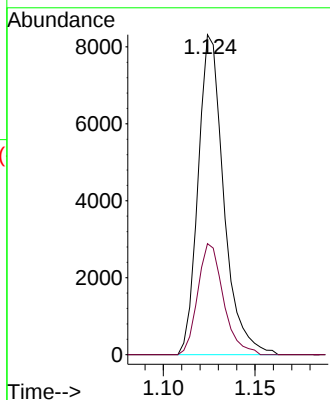
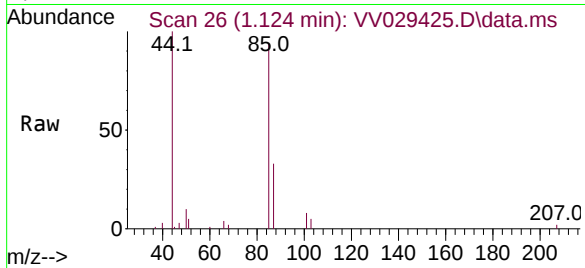
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#2
 Dichlorodifluoromethane
 Concen: 2.004 ug/L
 RT: 1.124 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV029425.D
 Acq: 07 Dec 2022 18:20

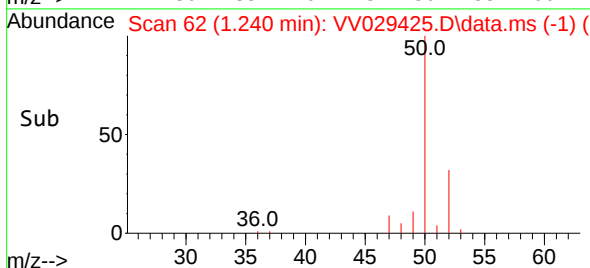
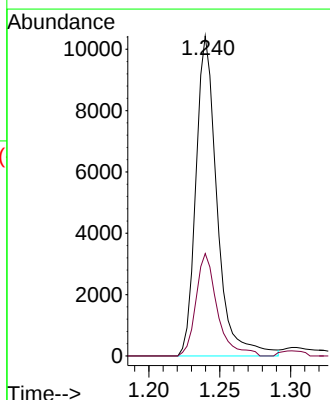
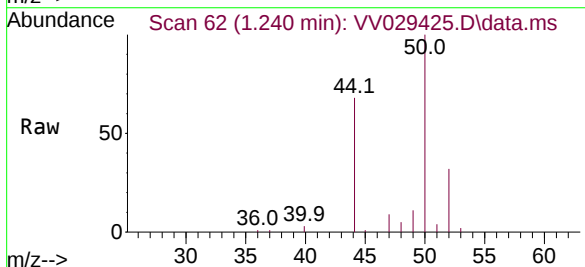
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01

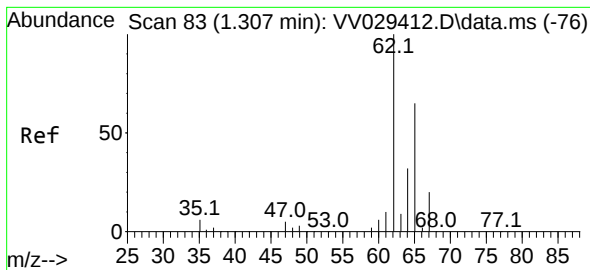
Tgt Ion: 85 Resp: 8092
 Ion Ratio Lower Upper
 85 100
 87 34.7 25.9 38.9



#3
 Chloromethane
 Concen: 2.356 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV029425.D
 Acq: 07 Dec 2022 18:20

Tgt Ion: 50 Resp: 10844
 Ion Ratio Lower Upper
 50 100
 52 32.0 23.3 43.3

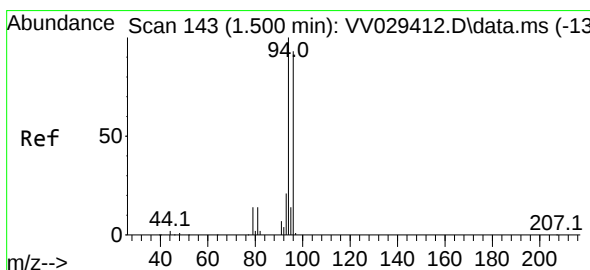
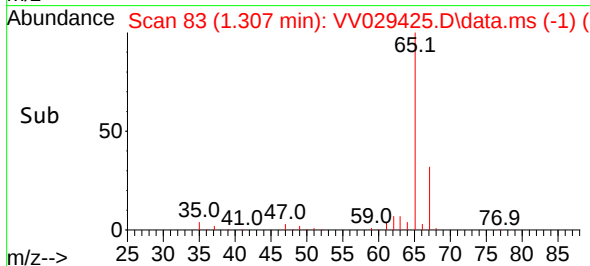
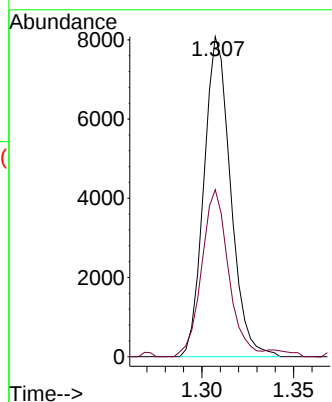
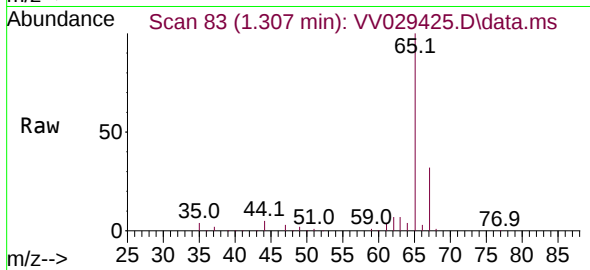




#5
 Vinyl chloride
 Concen: 2.128 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV029425.D
 Acq: 07 Dec 2022 18:20

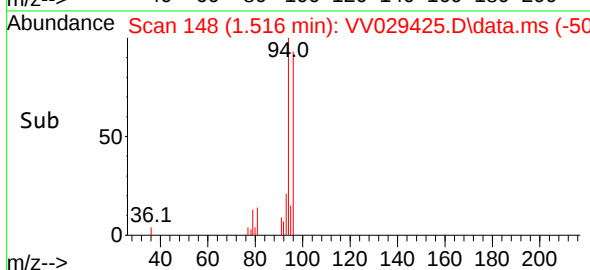
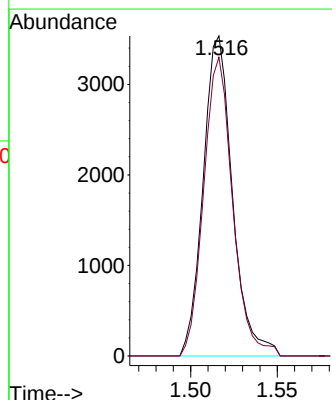
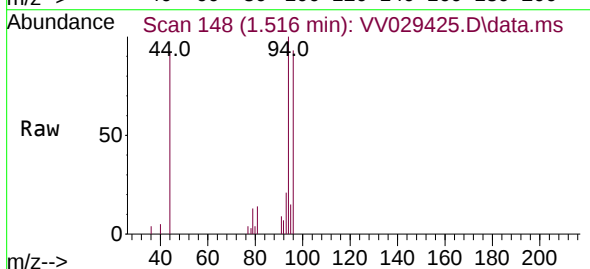
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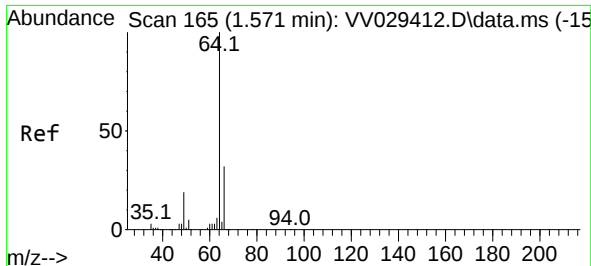
Tgt Ion: 62 Resp: 8195
 Ion Ratio Lower Upper
 62 100
 64 52.2 22.5 41.9#



#6
 Bromomethane
 Concen: 2.692 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.016 min
 Lab File: VV029425.D
 Acq: 07 Dec 2022 18:20

Tgt Ion: 94 Resp: 4172
 Ion Ratio Lower Upper
 94 100
 96 93.4 65.1 120.9





#8

Chloroethane

Concen: 2.219 ug/L

RT: 1.581 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV029425.D

Acq: 07 Dec 2022 18:20

Instrument :

MSVOA_V

ClientSampleId :

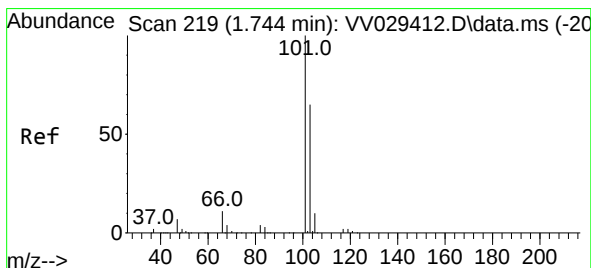
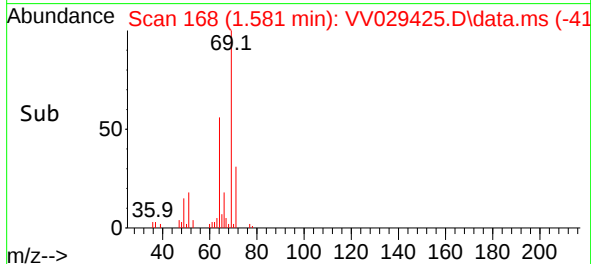
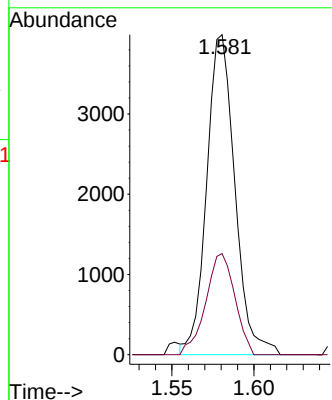
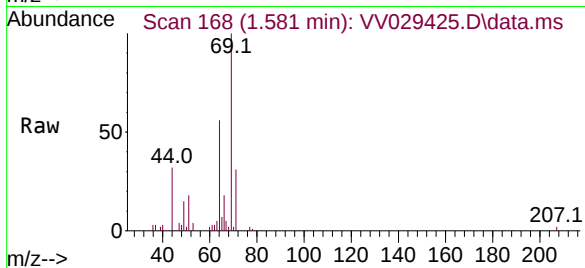
MDL01

Tgt Ion: 64 Resp: 4759

Ion Ratio Lower Upper

64 100

66 31.6 22.5 41.9



#9

Trichlorofluoromethane

Concen: 2.113 ug/L

RT: 1.751 min Scan# 221

Delta R.T. 0.007 min

Lab File: VV029425.D

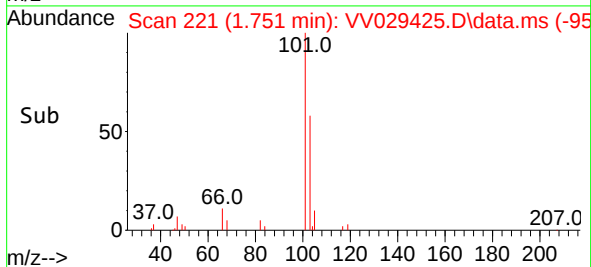
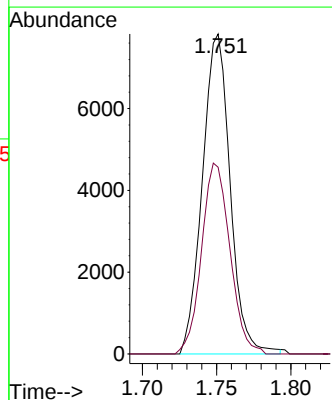
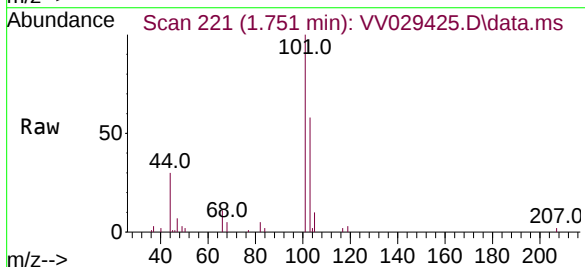
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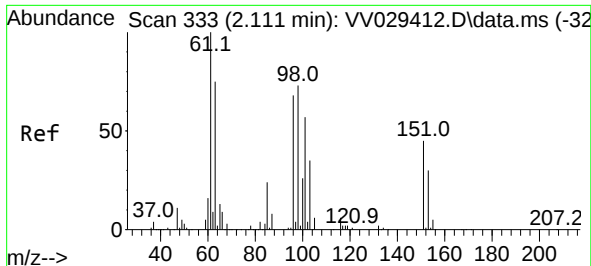
Tgt Ion:101 Resp: 10186

Ion Ratio Lower Upper

101 100

103 60.9 51.8 77.8

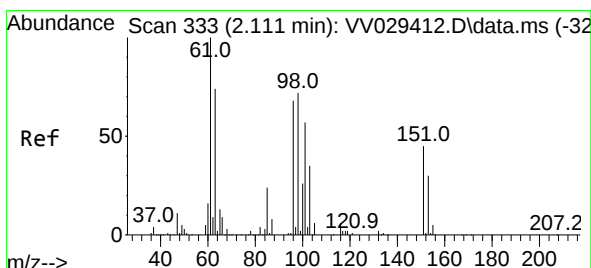
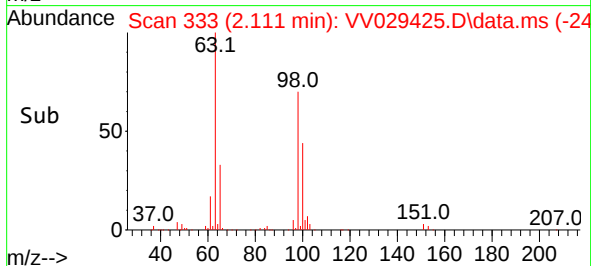
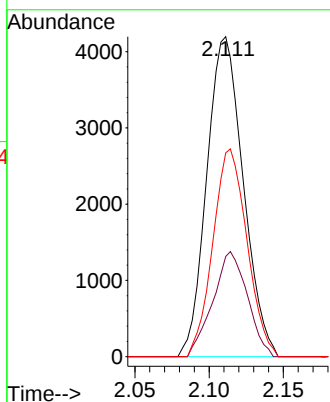
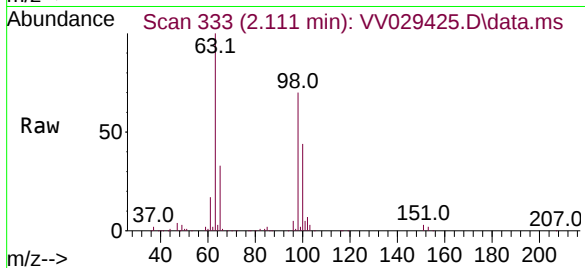




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.673 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.000 min
 Lab File: VV029425.D
 Acq: 07 Dec 2022 18:20

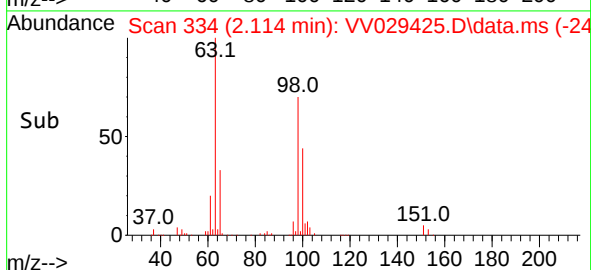
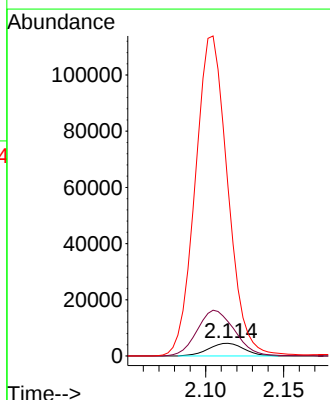
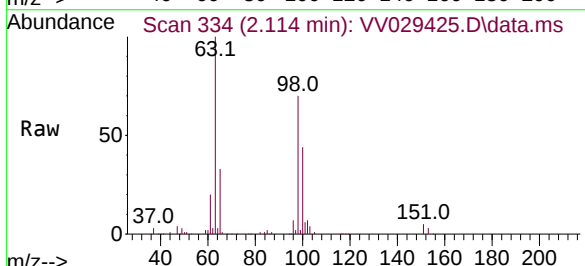
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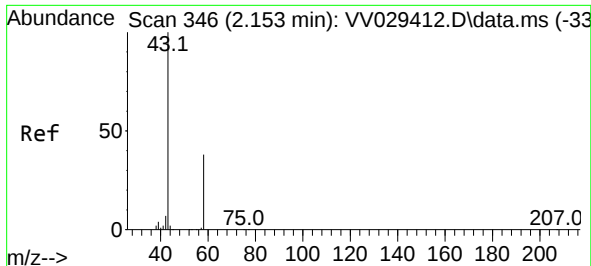
Tgt Ion:101 Resp: 7161
 Ion Ratio Lower Upper
 101 100
 85 31.1 33.6 50.4#
 151 60.8 63.5 95.3#



#12
 1,1-Dichloroethene
 Concen: 2.615 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.003 min
 Lab File: VV029425.D
 Acq: 07 Dec 2022 18:20

Tgt Ion: 96 Resp: 7164
 Ion Ratio Lower Upper
 96 100
 61 270.9 103.3 191.9#
 63 1337.6 77.3 143.7#





#13

Acetone

Concen: 4.889 ug/L

RT: 2.156 min Scan# 34

Delta R.T. 0.003 min

Lab File: VV029425.D

Acq: 07 Dec 2022 18:20

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MSVOA_V

ClientSampleId :

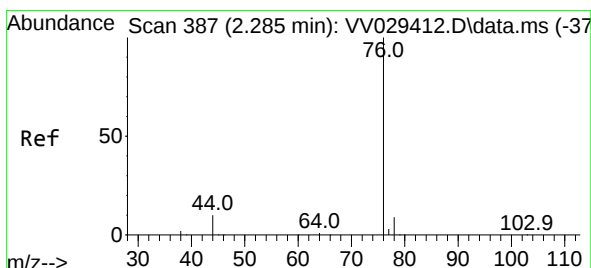
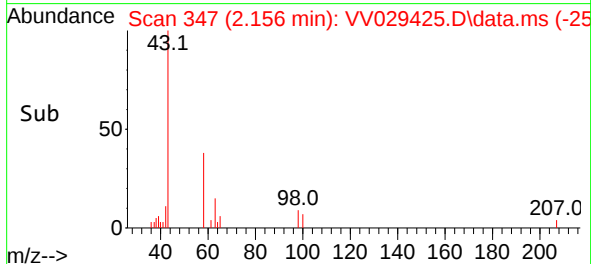
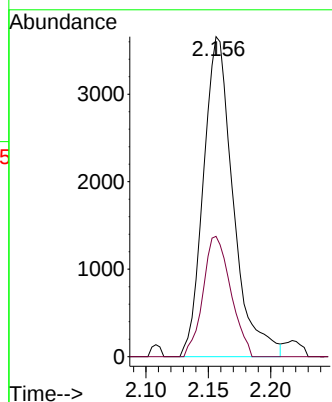
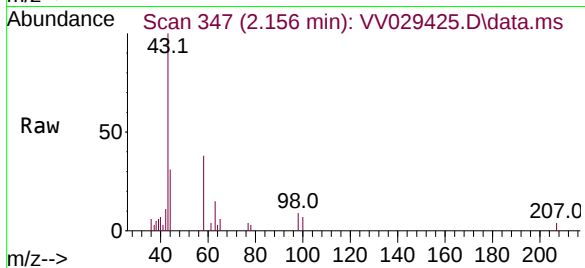
MDL01

Tgt Ion: 43 Resp: 6098

Ion Ratio Lower Upper

43 100

58 34.9 0.0 74.8



#14

Carbon disulfide

Concen: 2.163 ug/L

RT: 2.291 min Scan# 389

Delta R.T. 0.007 min

Lab File: VV029425.D

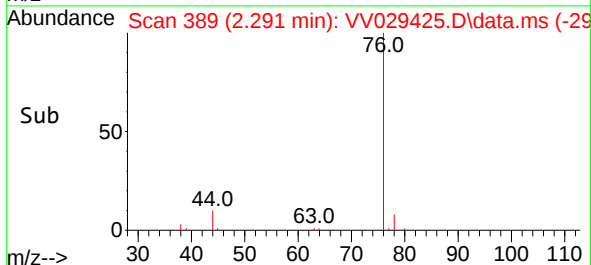
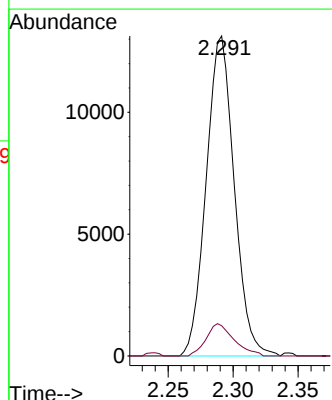
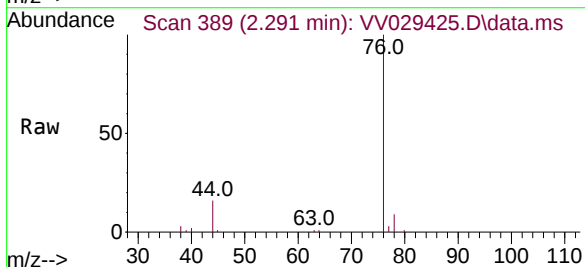
Acq: 07 Dec 2022 18:20

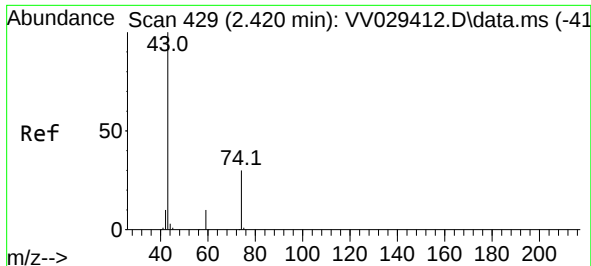
Tgt Ion: 76 Resp: 19725

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.2

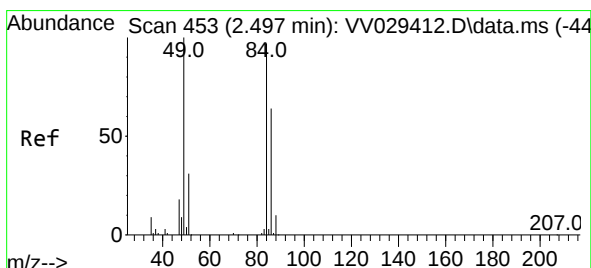
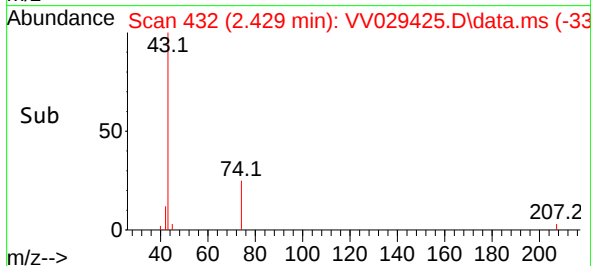
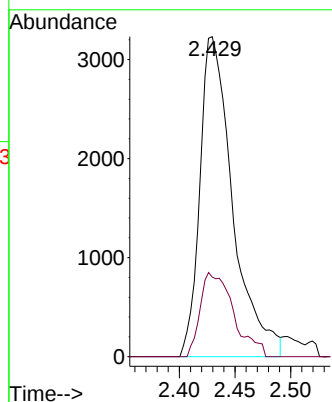
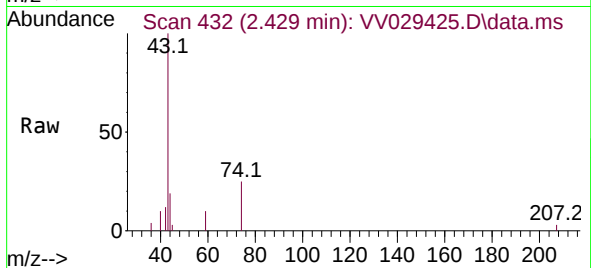




#15
Methyl Acetate
Concen: 2.333 ug/L
RT: 2.429 min Scan# 41
Delta R.T. 0.010 min
Lab File: VV029425.D
Acq: 07 Dec 2022 18:20

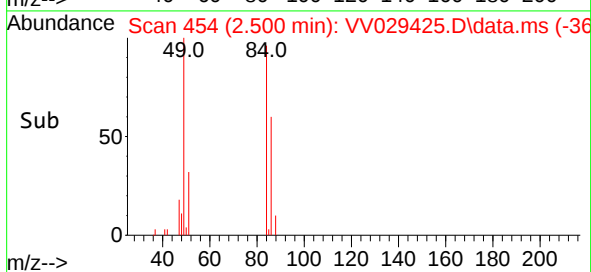
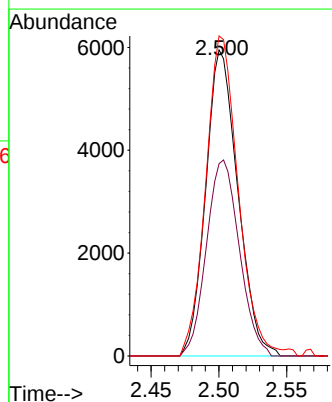
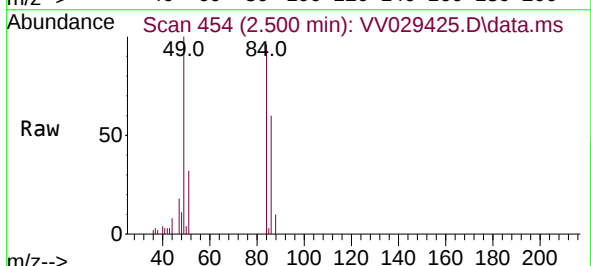
Instrument :
MSVOA_V
ClientSampleId :
MDL01

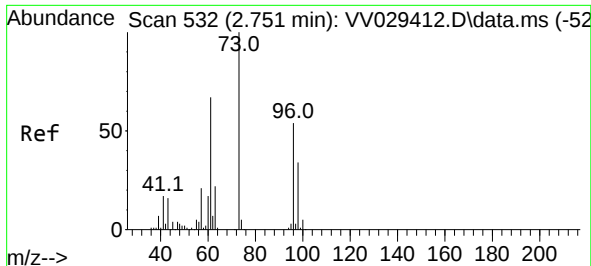
Tgt Ion: 43 Resp: 6631
Ion Ratio Lower Upper
43 100
74 12.8 23.5 35.3#



#16
Methylene chloride
Concen: 2.877 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.003 min
Lab File: VV029425.D
Acq: 07 Dec 2022 18:20

Tgt Ion: 84 Resp: 9801
Ion Ratio Lower Upper
84 100
86 62.8 46.0 85.4
49 104.5 72.2 134.0

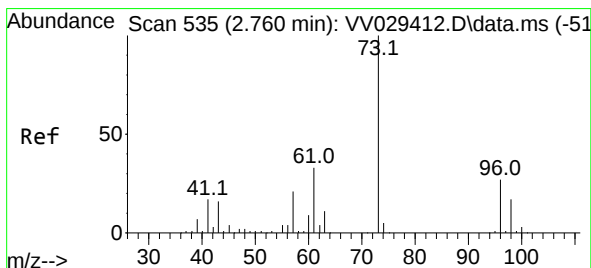
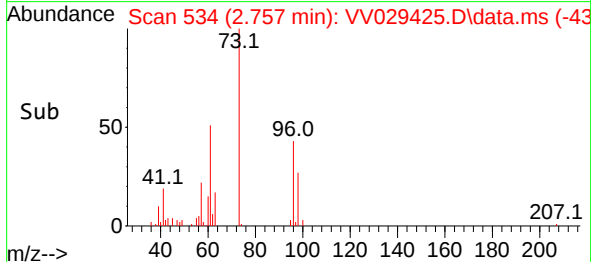
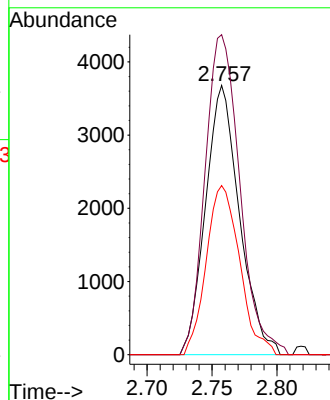
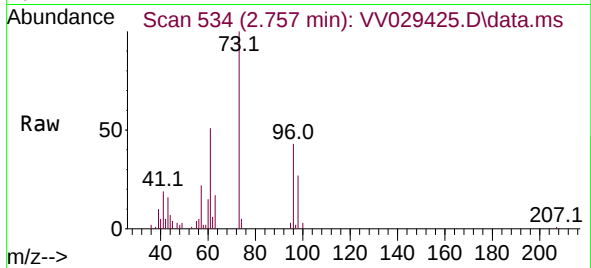




#17
trans-1,2-Dichloroethene
Concen: 2.121 ug/L
RT: 2.757 min Scan# 51
Delta R.T. 0.007 min
Lab File: VV029425.D
Acq: 07 Dec 2022 18:20

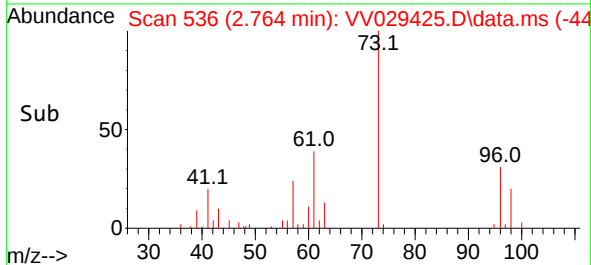
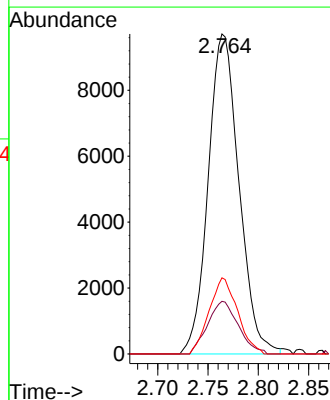
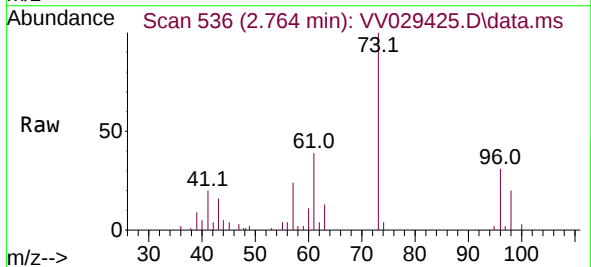
Instrument :
MSVOA_V
ClientSampleId :
MDL01

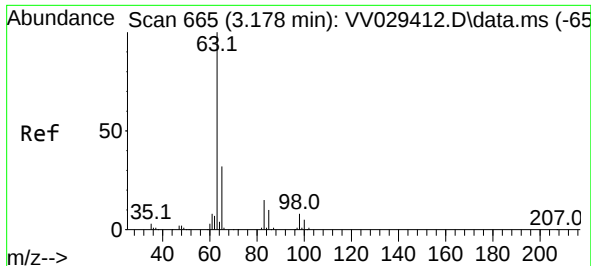
Tgt Ion: 96 Resp: 6696
Ion Ratio Lower Upper
96 100
61 118.8 86.4 160.4
98 62.8 43.4 80.6



#18
Methyl tert-butyl Ether
Concen: 2.136 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV029425.D
Acq: 07 Dec 2022 18:20

Tgt Ion: 73 Resp: 20656
Ion Ratio Lower Upper
73 100
43 16.4 12.7 19.1
57 22.0 16.7 25.1





#19

1,1-Dichloroethane

Concen: 2.156 ug/L

RT: 3.188 min Scan# 6

Delta R.T. 0.010 min

Lab File: VV029425.D

Acq: 07 Dec 2022 18:20

Instrument :

MSVOA_V

ClientSampleId :

MDL01

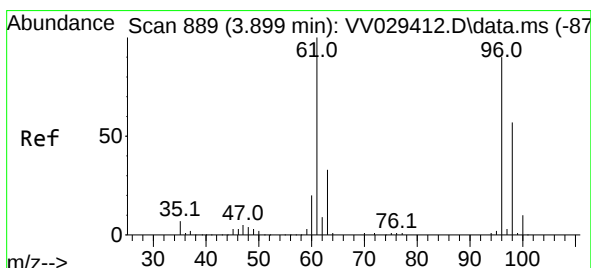
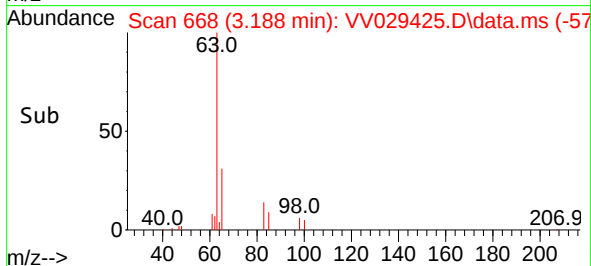
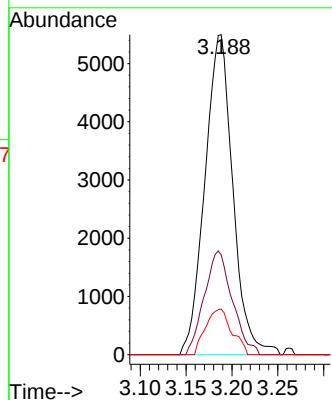
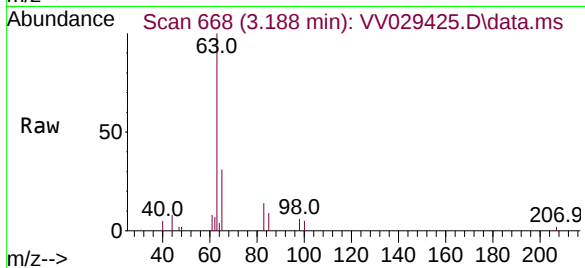
Tgt Ion: 63 Resp: 11659

Ion Ratio Lower Upper

63 100

65 31.2 22.5 41.7

83 14.3 10.4 19.2



#20

cis-1,2-Dichloroethene

Concen: 2.156 ug/L

RT: 3.902 min Scan# 890

Delta R.T. 0.003 min

Lab File: VV029425.D

Acq: 07 Dec 2022 18:20

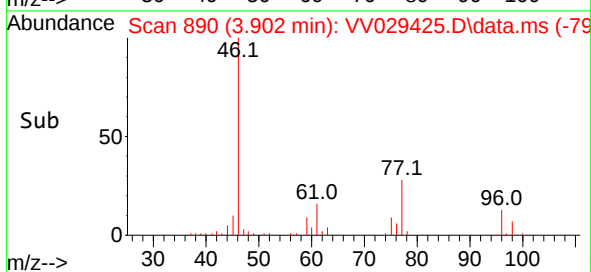
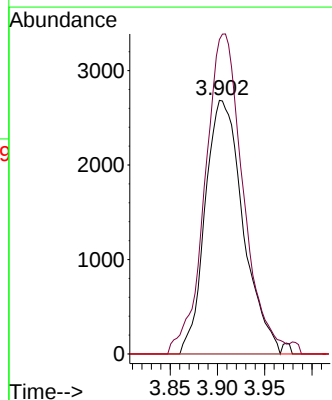
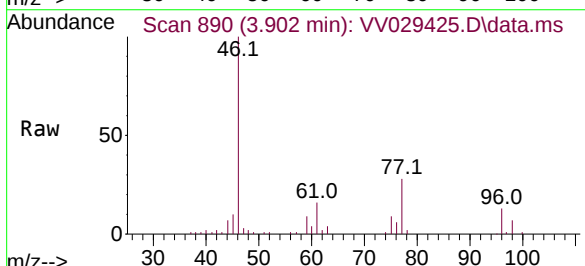
Tgt Ion: 96 Resp: 7483

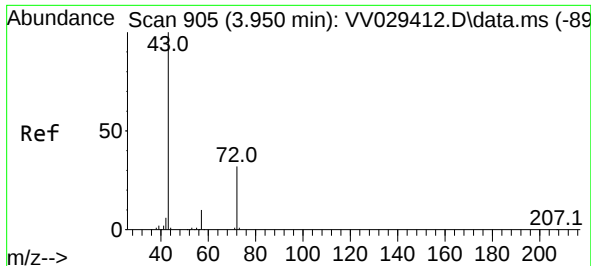
Ion Ratio Lower Upper

96 100

61 124.0 78.0 144.9

68 0.0 0.0 0.0

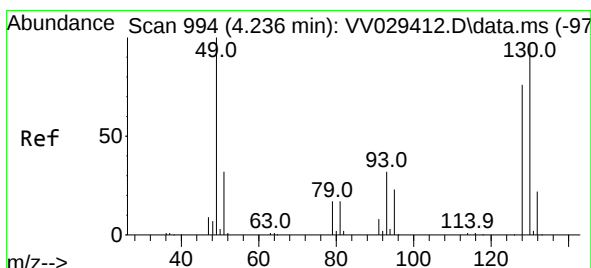
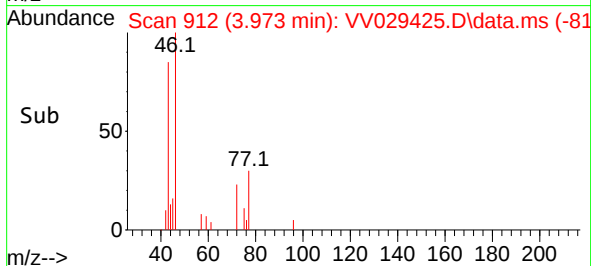
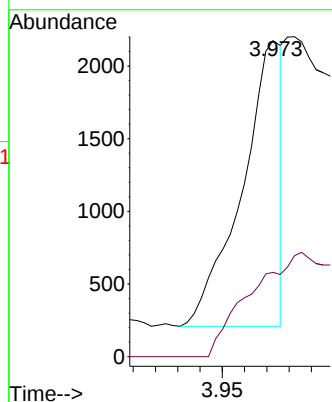
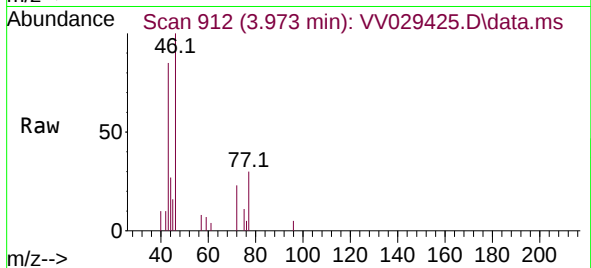




#22
2-Butanone
Concen: 1.229 ug/L
RT: 3.973 min Scan# 912
Delta R.T. 0.023 min
Lab File: VV029425.D
Acq: 07 Dec 2022 18:20

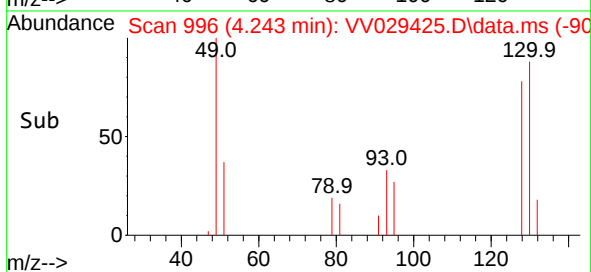
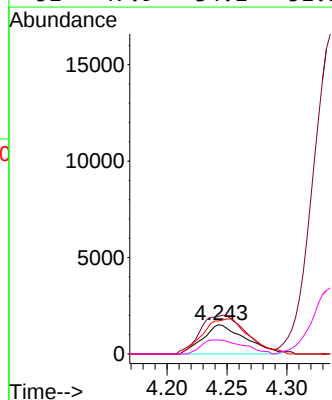
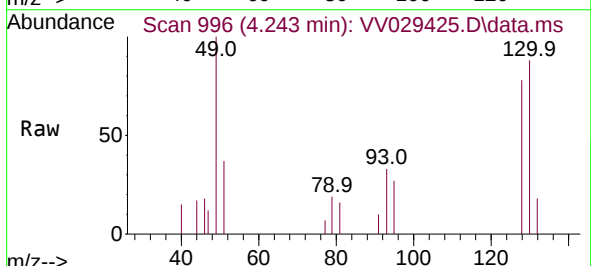
Instrument :
MSVOA_V
ClientSampleId :
MDL01

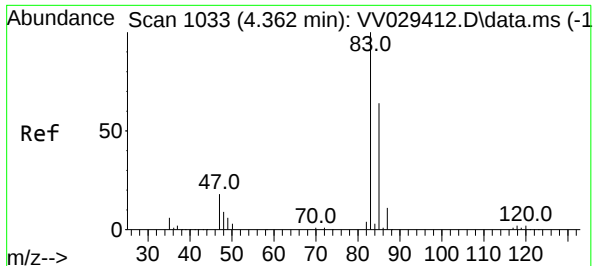
Tgt Ion: 43 Resp: 2440
Ion Ratio Lower Upper
43 100
72 31.8 15.9 47.6



#23
Bromochloromethane
Concen: 2.078 ug/L
RT: 4.243 min Scan# 996
Delta R.T. 0.007 min
Lab File: VV029425.D
Acq: 07 Dec 2022 18:20

Tgt Ion: 128 Resp: 3715
Ion Ratio Lower Upper
128 100
49 128.7 92.2 171.2
130 112.9 88.3 164.1
51 47.9 34.1 51.1





#25

Chloroform

Concen: 2.297 ug/L

RT: 4.368 min Scan# 1033

Delta R.T. 0.007 min

Lab File: VV029425.D

Acq: 07 Dec 2022 18:20

Instrument :

MSVOA_V

ClientSampleId :

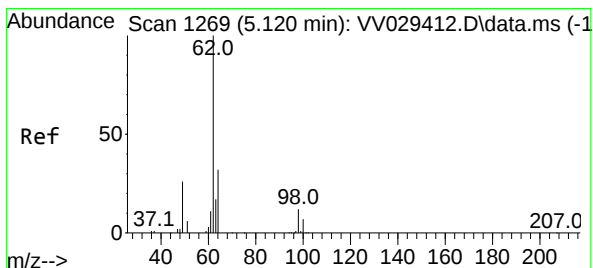
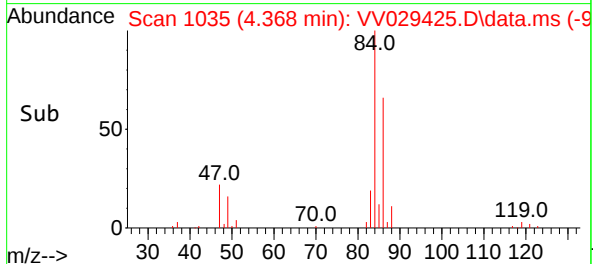
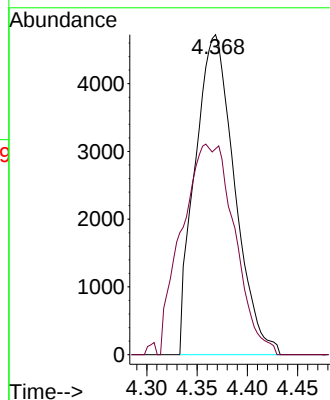
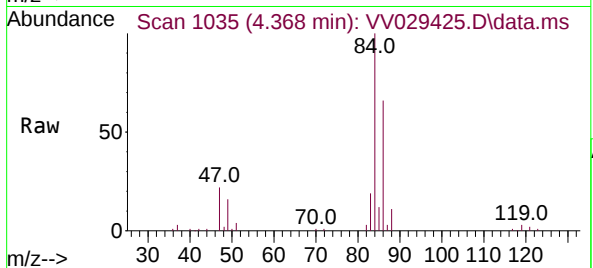
MDL01

Tgt Ion: 83 Resp: 12880

Ion Ratio Lower Upper

83 100

85 64.3 45.1 83.9



#27

1,2-Dichloroethane

Concen: 1.911 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.010 min

Lab File: VV029425.D

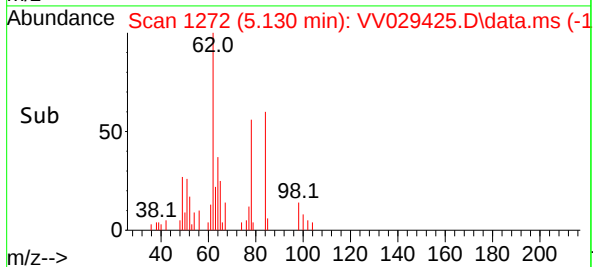
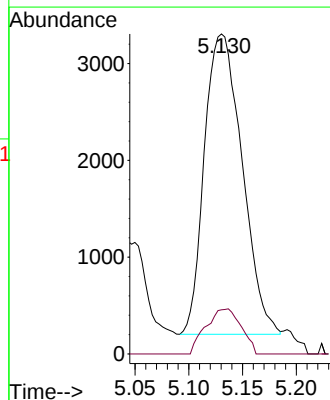
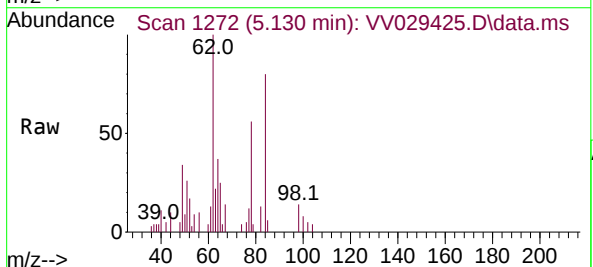
Acq: 07 Dec 2022 18:20

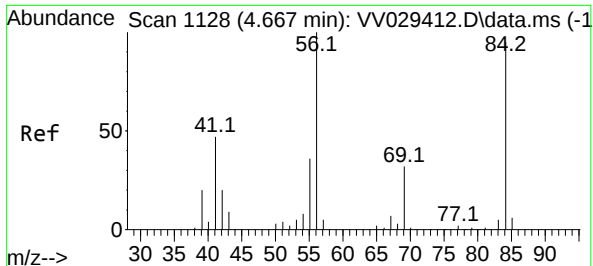
Tgt Ion: 62 Resp: 7569

Ion Ratio Lower Upper

62 100

98 13.8 9.4 14.0





#29

Cyclohexane

Concen: 2.139 ug/L

RT: 4.670 min Scan# 1128

Delta R.T. 0.003 min

Lab File: VV029425.D

Acq: 07 Dec 2022 18:20

Instrument :

MSVOA_V

ClientSampleId :

MDL01

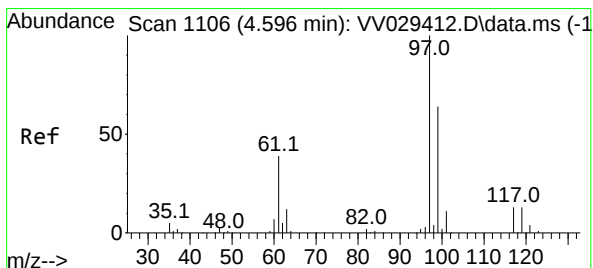
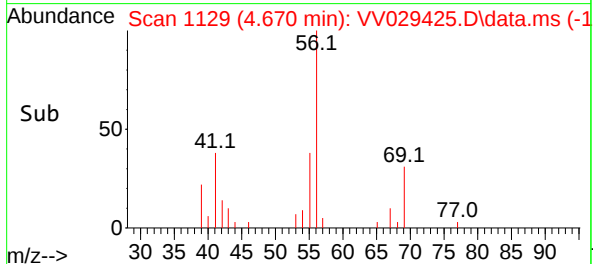
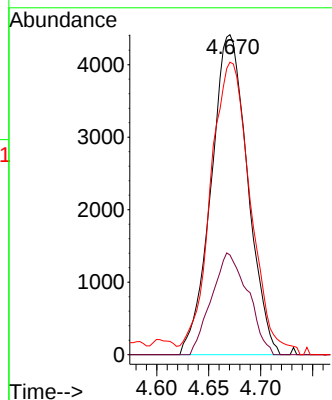
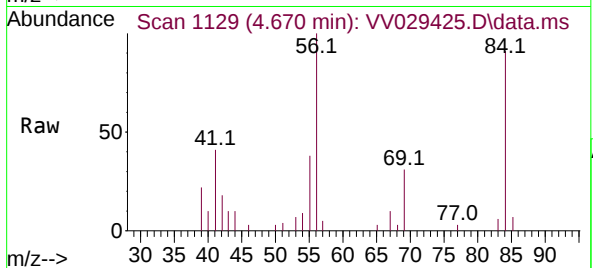
Tgt Ion: 56 Resp: 10769

Ion Ratio Lower Upper

56 100

69 31.7 25.8 38.8

84 99.9 76.6 114.8



#30

1,1,1-Trichloroethane

Concen: 2.092 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. 0.003 min

Lab File: VV029425.D

Acq: 07 Dec 2022 18:20

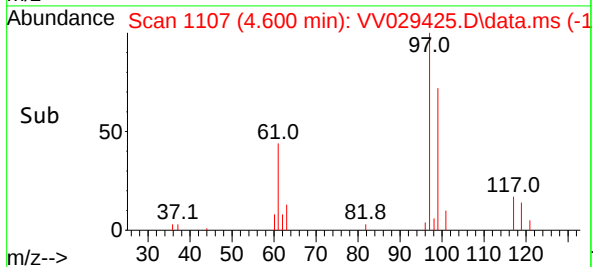
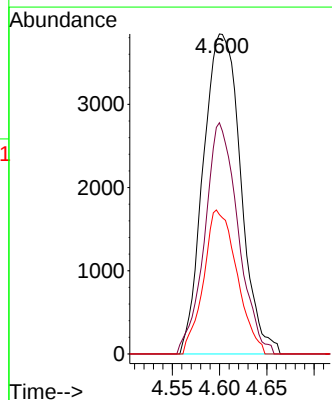
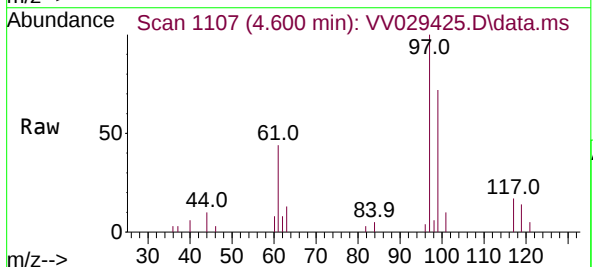
Tgt Ion: 97 Resp: 10592

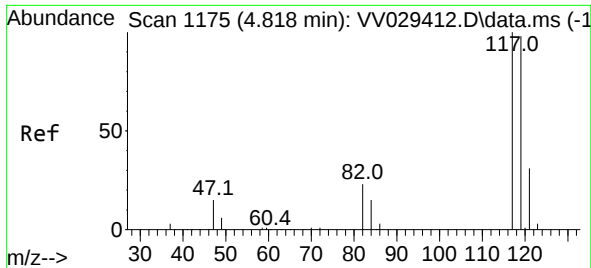
Ion Ratio Lower Upper

97 100

99 64.4 52.1 78.1

61 40.0 31.8 47.8

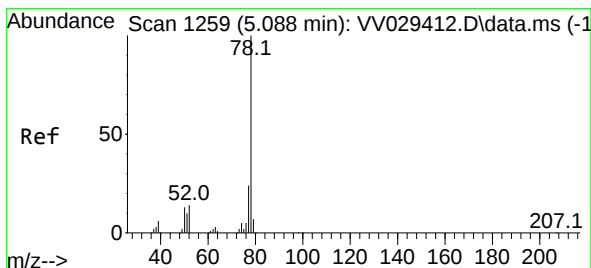
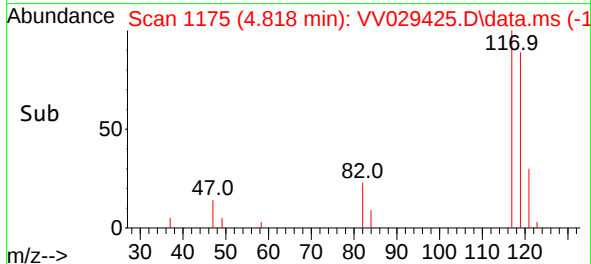
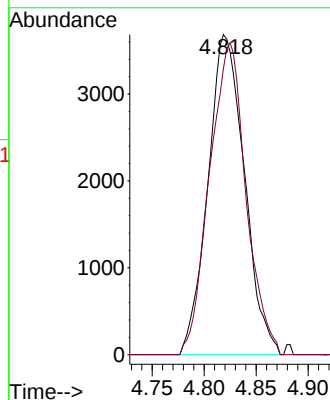
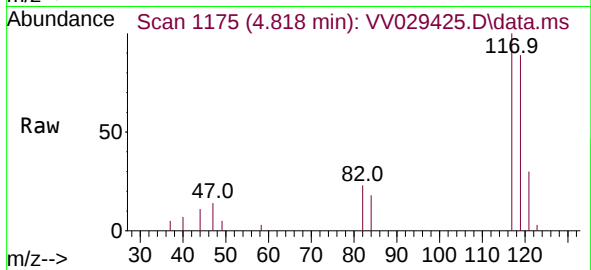




#31
Carbon tetrachloride
Concen: 2.029 ug/L
RT: 4.818 min Scan# 1175
Delta R.T. 0.000 min
Lab File: VV029425.D
Acq: 07 Dec 2022 18:20

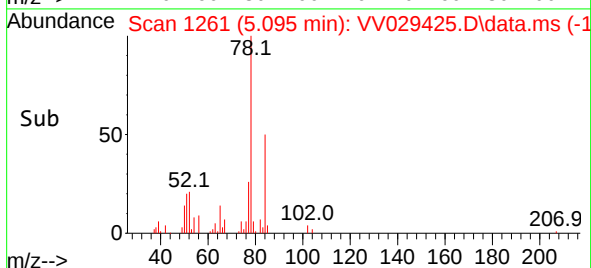
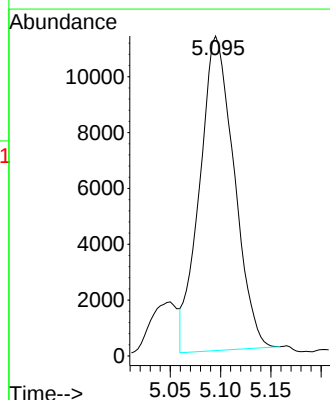
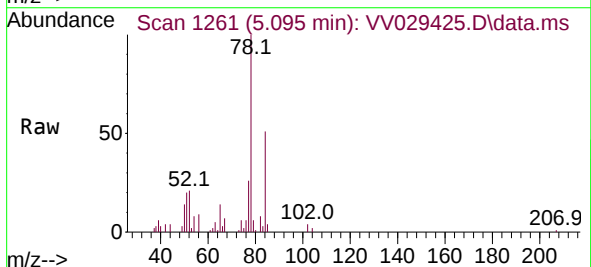
Instrument : MSVOA_V
ClientSampleId : MDL01

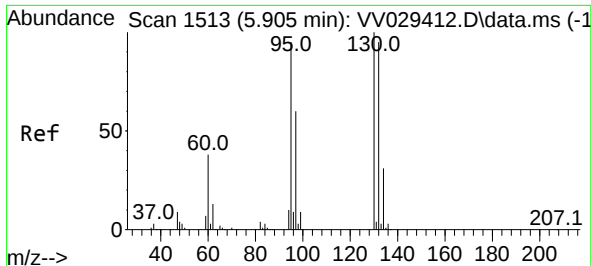
Tgt Ion:117 Resp: 8970
Ion Ratio Lower Upper
117 100
119 97.8 76.7 115.1



#33
Benzene
Concen: 2.047 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.007 min
Lab File: VV029425.D
Acq: 07 Dec 2022 18:20

Tgt Ion: 78 Resp: 26815



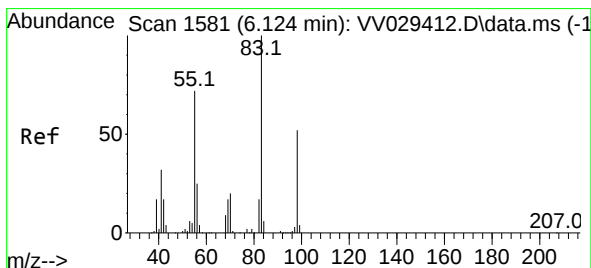
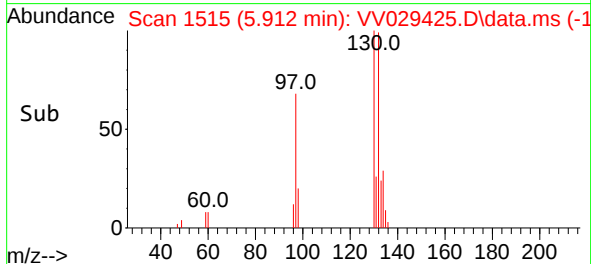
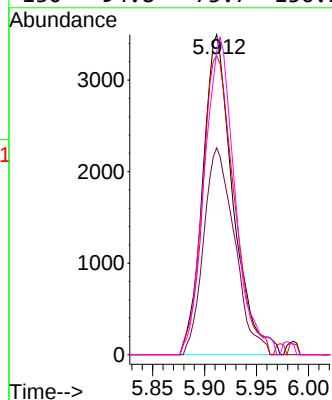
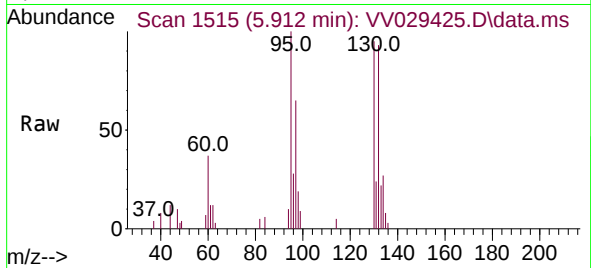


#34
Trichloroethene
Concen: 2.151 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.007 min
Lab File: VV029425.D
Acq: 07 Dec 2022 18:20

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion: 95 Resp: 7059

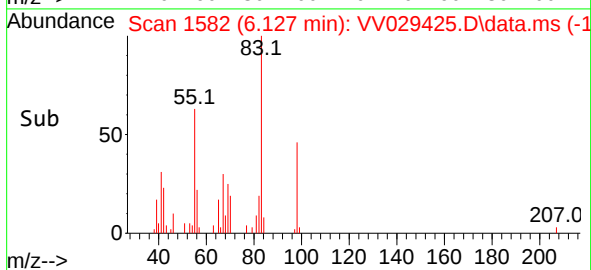
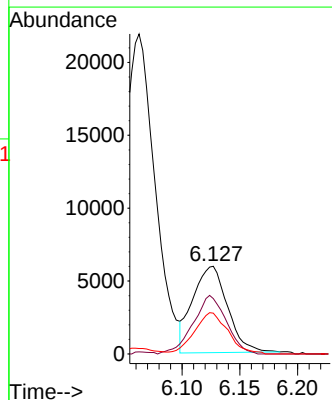
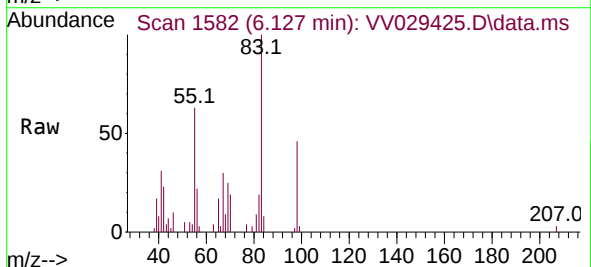
Ion	Ratio	Lower	Upper
95	100		
97	64.7	44.0	81.8
132	93.4	69.9	129.9
130	94.8	73.7	136.9

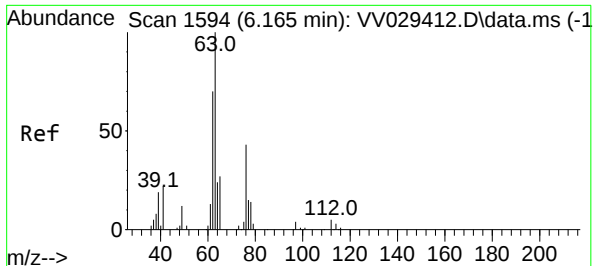


#35
Methylcyclohexane
Concen: 2.226 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.003 min
Lab File: VV029425.D
Acq: 07 Dec 2022 18:20

Tgt Ion: 83 Resp: 12411

Ion	Ratio	Lower	Upper
83	100		
55	64.3	55.5	83.3
98	46.1	39.8	59.8





#37

1,2-Dichloropropane

Concen: 2.011 ug/L

RT: 6.169 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV029425.D

Acq: 07 Dec 2022 18:20

Instrument :

MSVOA_V

ClientSampleId :

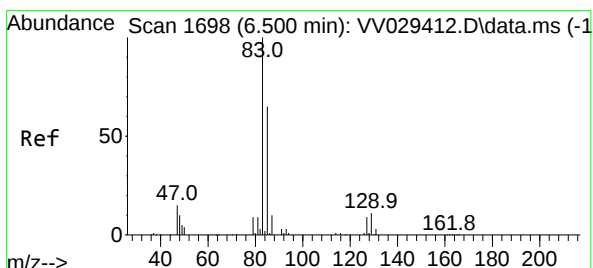
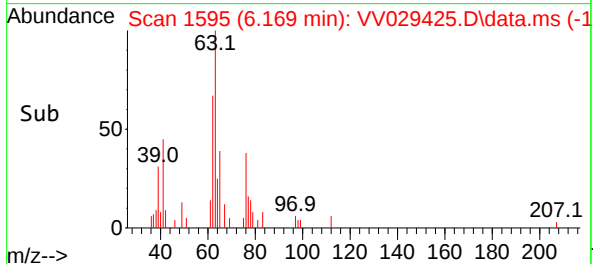
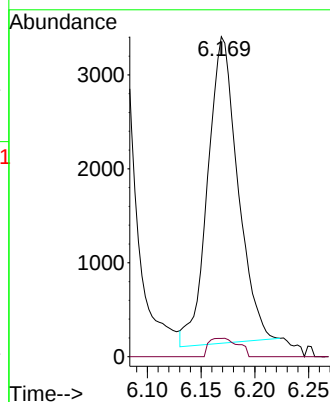
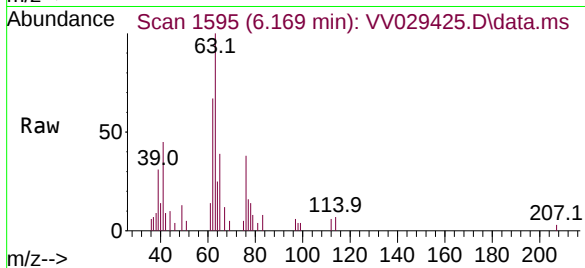
MDL01

Tgt Ion: 63 Resp: 6358

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#



#38

Bromodichloromethane

Concen: 2.060 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.007 min

Lab File: VV029425.D

Acq: 07 Dec 2022 18:20

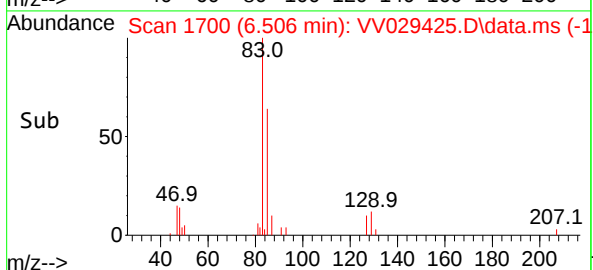
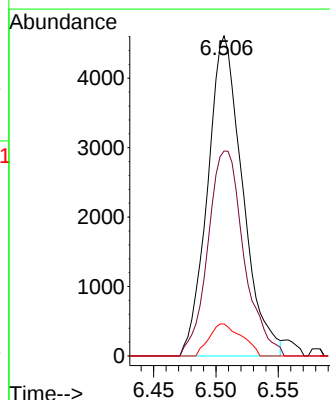
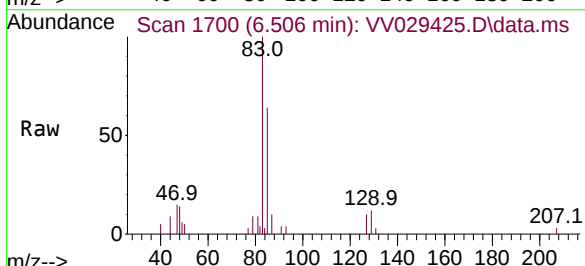
Tgt Ion: 83 Resp: 8992

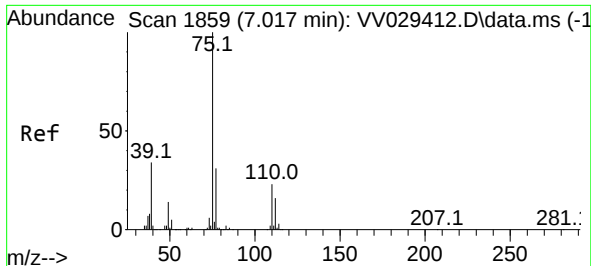
Ion Ratio Lower Upper

83 100

85 64.1 45.3 84.1

127 10.0 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 2.077 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.007 min

Lab File: VV029425.D

Acq: 07 Dec 2022 18:20

Instrument :

MSVOA_V

ClientSampleId :

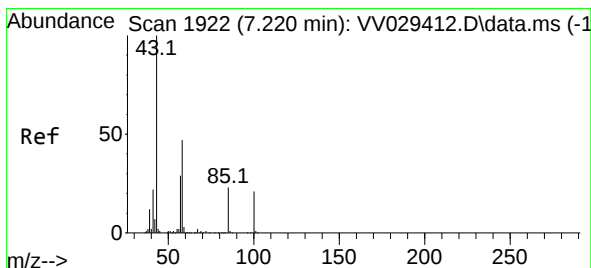
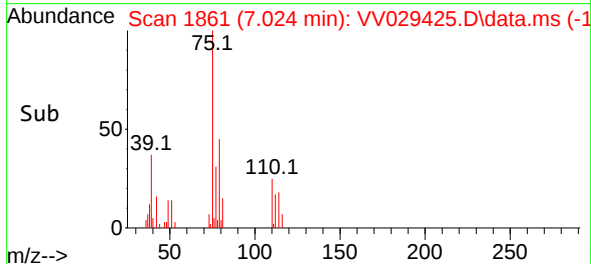
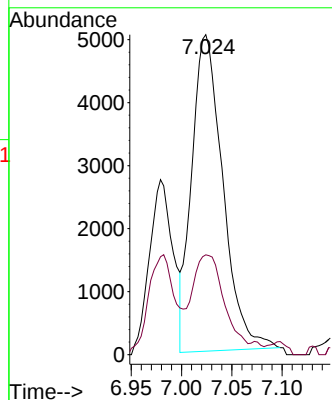
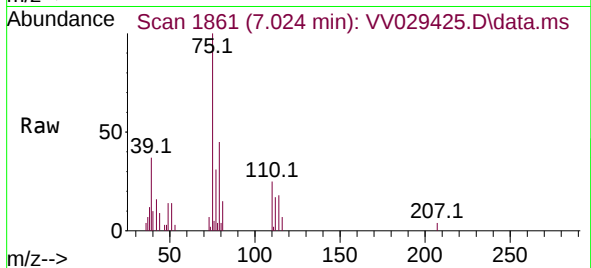
MDL01

Tgt Ion: 75 Resp: 10798

Ion Ratio Lower Upper

75 100

77 31.2 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 4.570 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.007 min

Lab File: VV029425.D

Acq: 07 Dec 2022 18:20

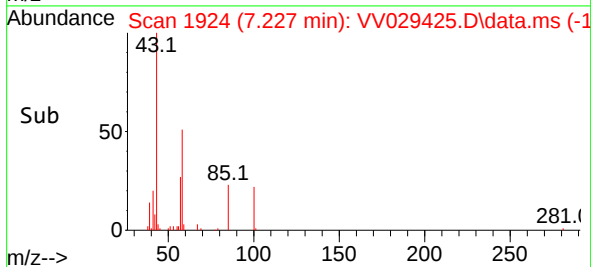
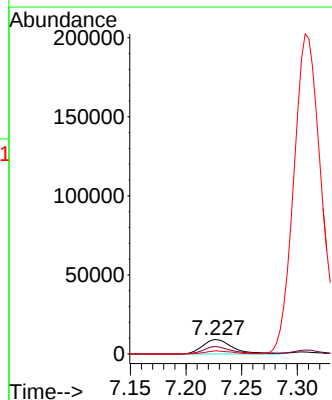
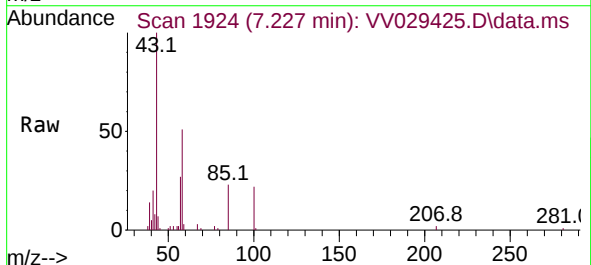
Tgt Ion: 43 Resp: 17226

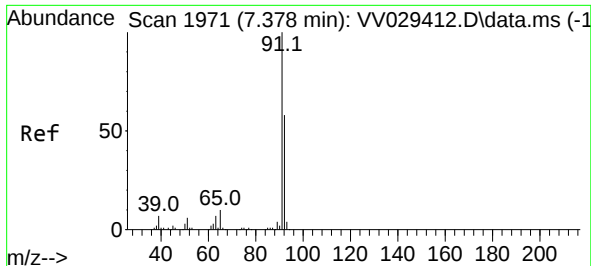
Ion Ratio Lower Upper

43 100

58 48.1 37.5 56.3

100 19.5 16.7 25.1





#42

Toluene

Concen: 2.081 ug/L

RT: 7.384 min Scan# 1971

Delta R.T. 0.007 min

Lab File: VV029425.D

Acq: 07 Dec 2022 18:20

Instrument :

MSVOA_V

ClientSampleId :

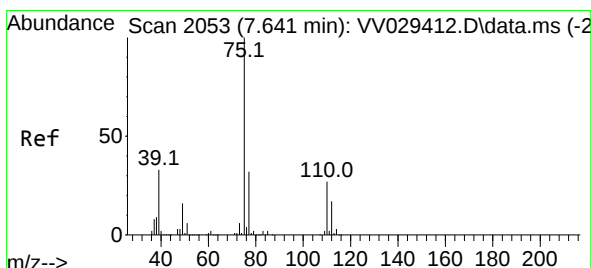
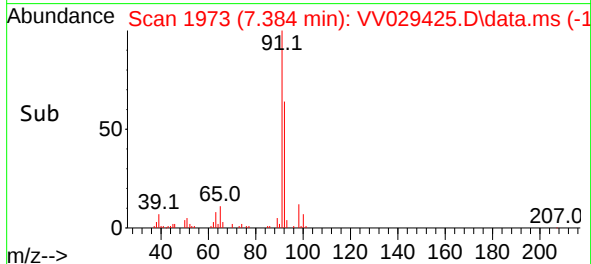
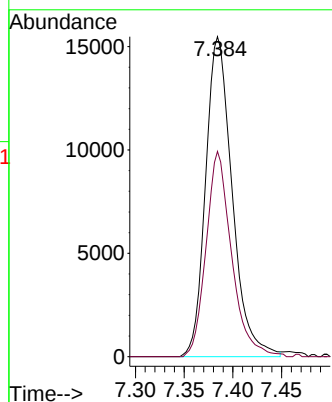
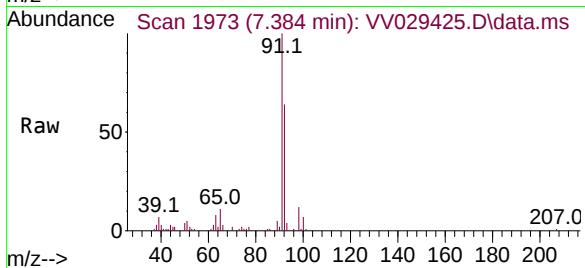
MDL01

Tgt Ion: 91 Resp: 29337

Ion Ratio Lower Upper

91 100

92 64.2 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 2.134 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. 0.007 min

Lab File: VV029425.D

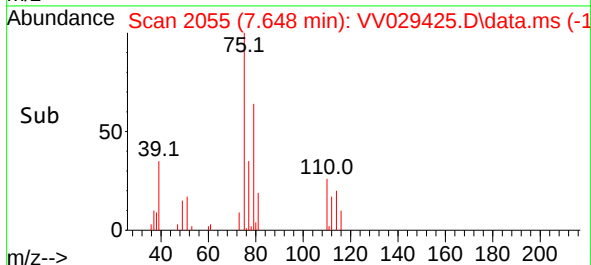
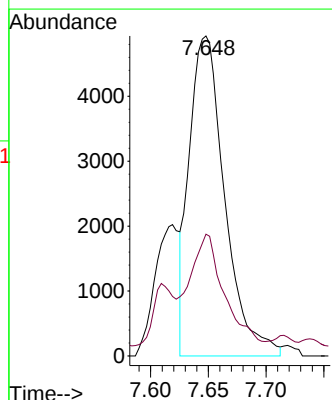
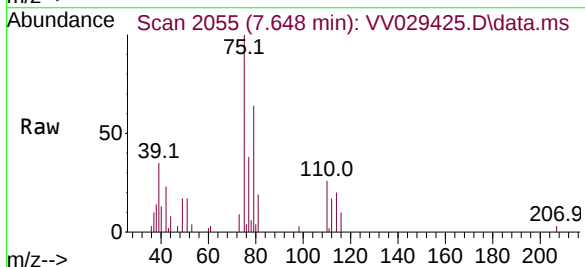
Acq: 07 Dec 2022 18:20

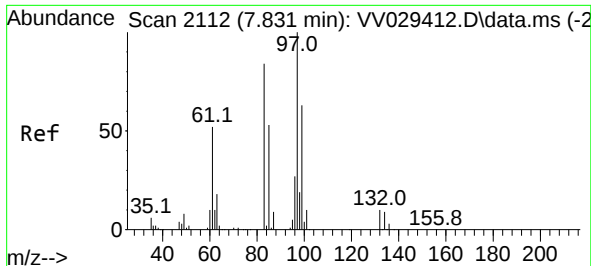
Tgt Ion: 75 Resp: 10505

Ion Ratio Lower Upper

75 100

77 38.1 22.3 41.5

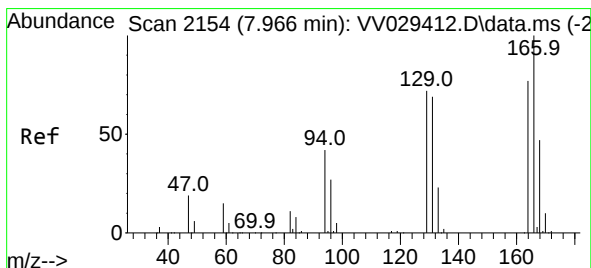
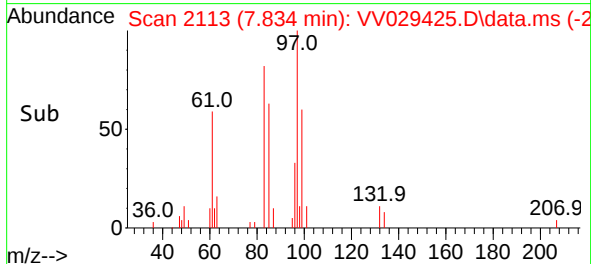
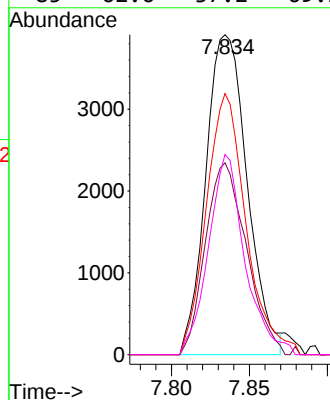
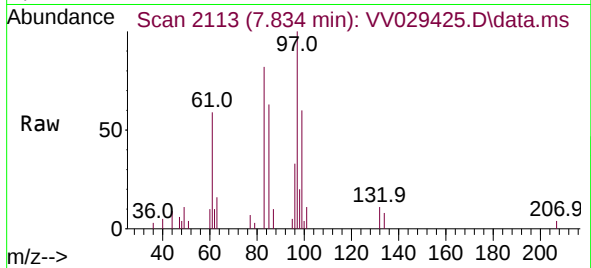




#45
1,1,2-Trichloroethane
Concen: 2.209 ug/L
RT: 7.834 min Scan# 2112
Delta R.T. 0.003 min
Lab File: VV029425.D
Acq: 07 Dec 2022 18:20

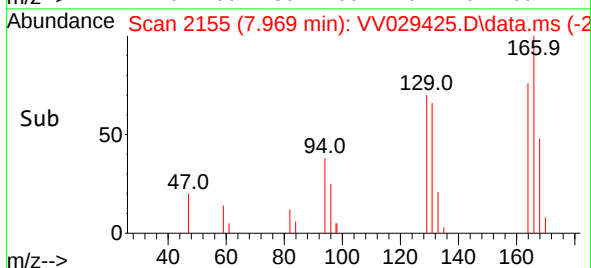
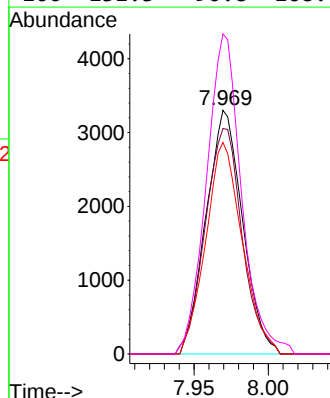
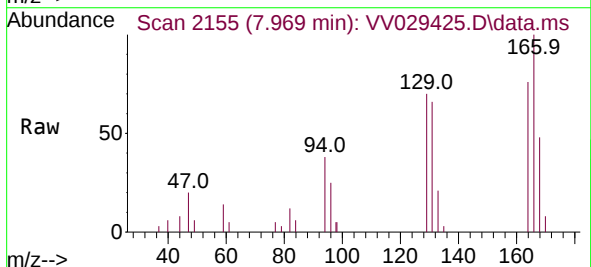
Instrument :
MSVOA_V
ClientSampleId :
MDL01

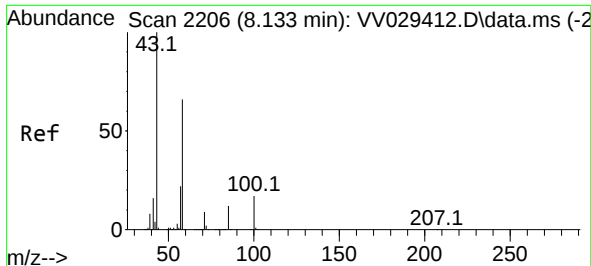
Tgt Ion: 97	Resp:	7213
Ion	Ratio	Lower Upper
97	100	
99	60.0	43.8 81.3
83	81.6	58.6 108.8
85	62.6	37.2 69.2



#46
Tetrachloroethene
Concen: 2.141 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. 0.003 min
Lab File: VV029425.D
Acq: 07 Dec 2022 18:20

Tgt Ion: 164	Resp:	5649
Ion	Ratio	Lower Upper
164	100	
129	92.5	65.3 121.3
131	86.8	63.1 117.1
166	131.3	90.8 168.6





#48

2-Hexanone

Concen: 5.208 ug/L

RT: 8.140 min Scan# 2206

Delta R.T. 0.007 min

Lab File: VV029425.D

Acq: 07 Dec 2022 18:20

Instrument :

MSVOA_V

ClientSampleId :

MDL01

Tgt Ion: 43 Resp: 14998

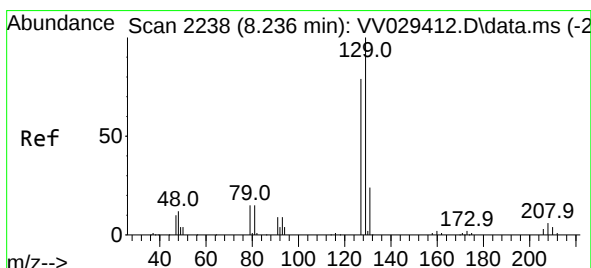
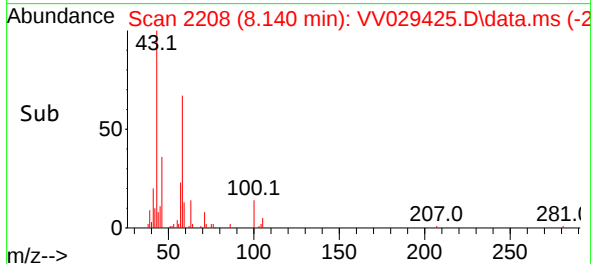
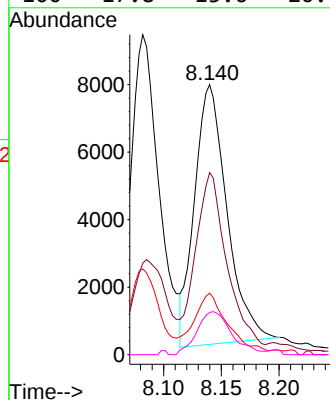
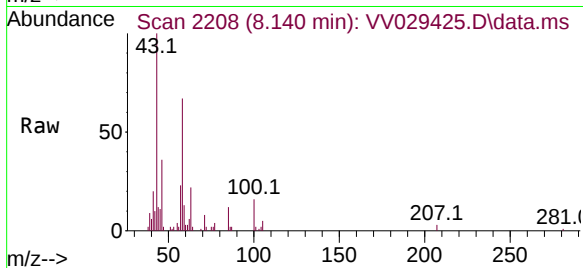
Ion Ratio Lower Upper

43 100

58 64.8 54.1 81.1

57 19.9 17.4 26.0

100 17.8 13.6 20.4



#49

Dibromochloromethane

Concen: 2.186 ug/L

RT: 8.239 min Scan# 2239

Delta R.T. 0.003 min

Lab File: VV029425.D

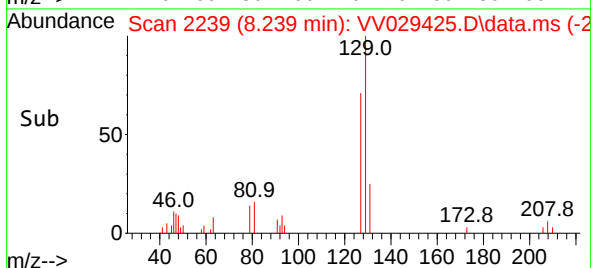
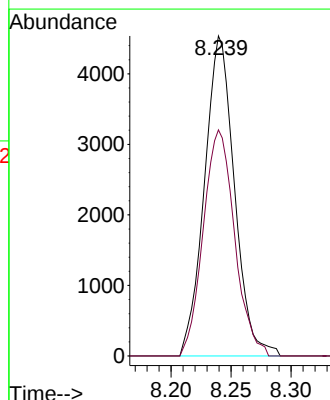
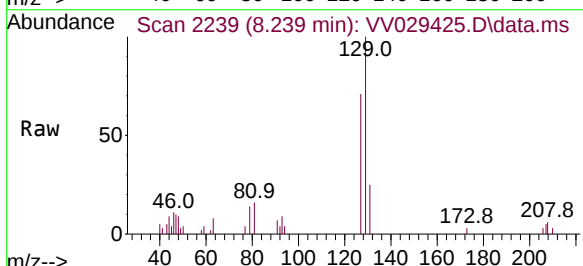
Acq: 07 Dec 2022 18:20

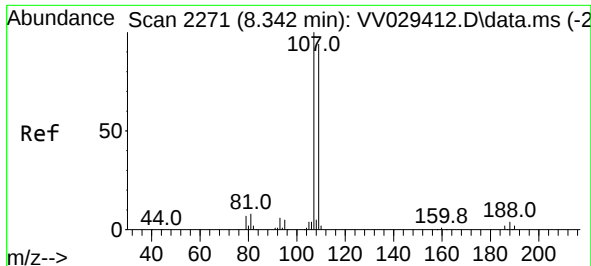
Tgt Ion:129 Resp: 7884

Ion Ratio Lower Upper

129 100

127 70.6 55.2 102.4





#50

1,2-Dibromoethane

Concen: 2.123 ug/L

RT: 8.349 min Scan# 21

Delta R.T. 0.007 min

Lab File: VV029425.D

Acq: 07 Dec 2022 18:20

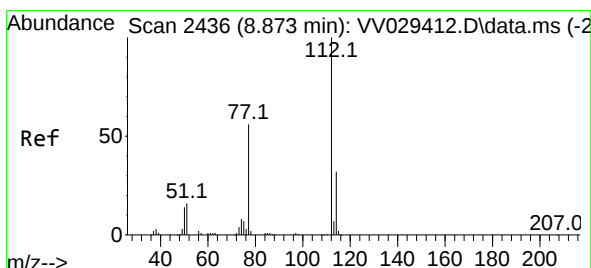
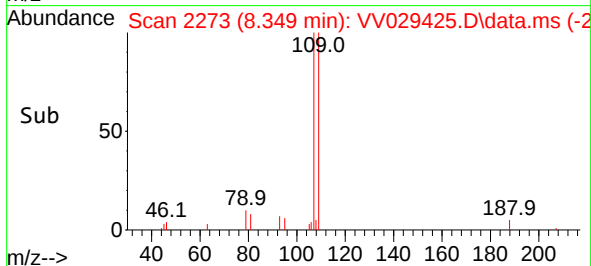
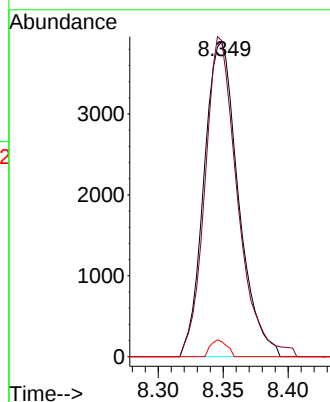
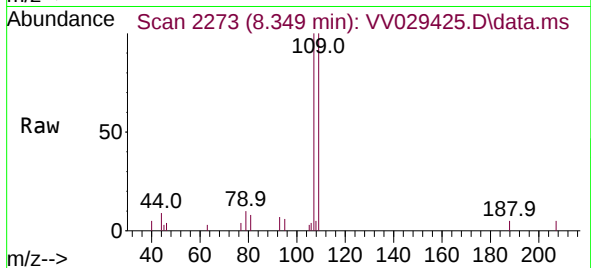
Instrument :

MSVOA_V

ClientSampleId :

MDL01

Tgt Ion:	107	Resp:	7145
Ion	Ratio	Lower	Upper
107	100		
109	100.4	66.0	122.6
188	4.8	3.2	4.8



#51

Chlorobenzene

Concen: 2.144 ug/L

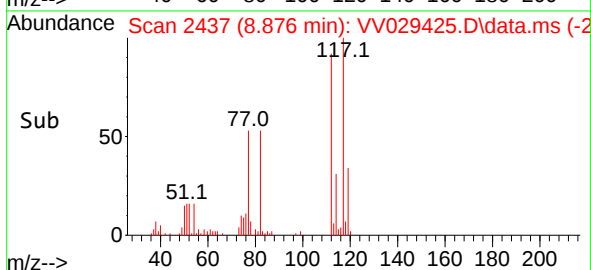
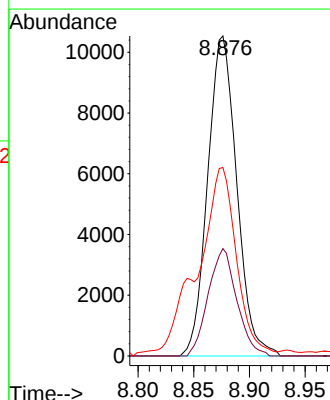
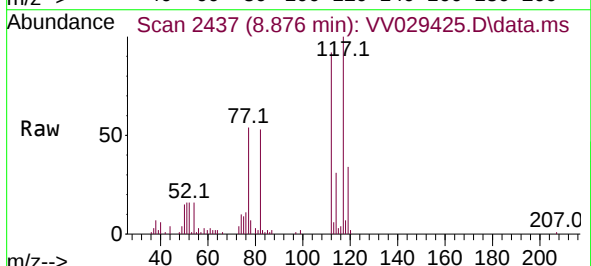
RT: 8.876 min Scan# 2437

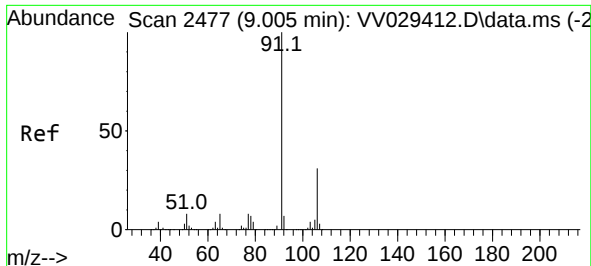
Delta R.T. 0.003 min

Lab File: VV029425.D

Acq: 07 Dec 2022 18:20

Tgt Ion:	112	Resp:	19143
Ion	Ratio	Lower	Upper
112	100		
114	33.5	22.3	41.3
77	58.9	45.0	67.4





#52

Ethylbenzene

Concen: 2.077 ug/L

RT: 9.005 min Scan# 2477

Delta R.T. 0.000 min

Lab File: VV029425.D

Acq: 07 Dec 2022 18:20

Instrument :

MSVOA_V

ClientSampleId :

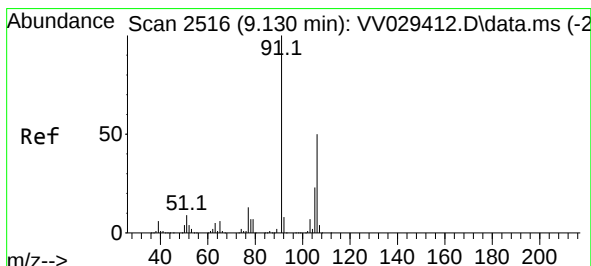
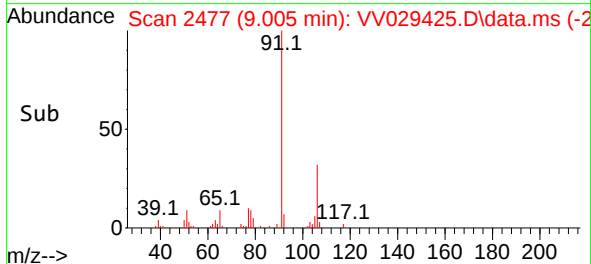
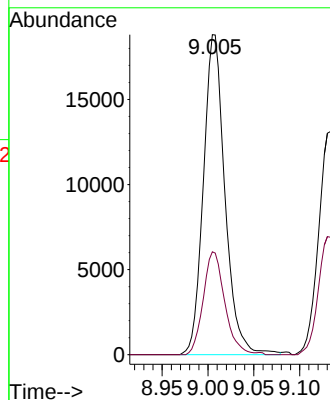
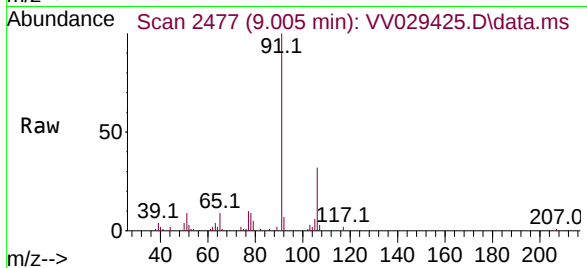
MDL01

Tgt Ion: 91 Resp: 30783

Ion Ratio Lower Upper

91 100

106 32.2 21.8 40.6



#53

m,p-Xylene

Concen: 2.047 ug/L

RT: 9.130 min Scan# 2516

Delta R.T. 0.000 min

Lab File: VV029425.D

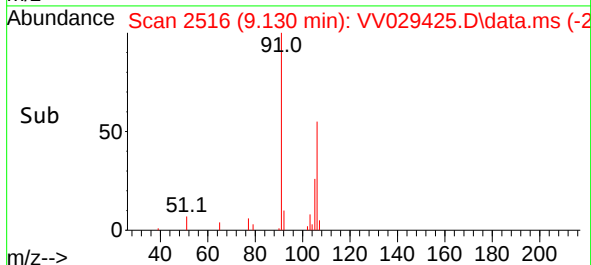
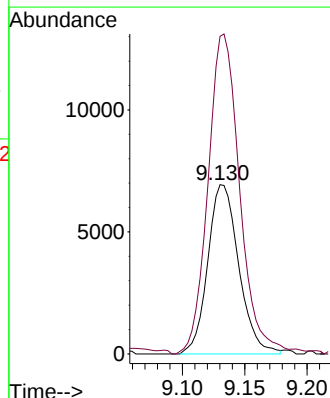
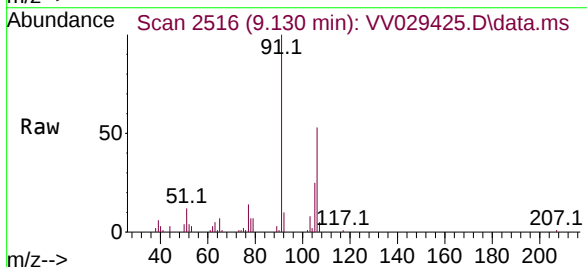
Acq: 07 Dec 2022 18:20

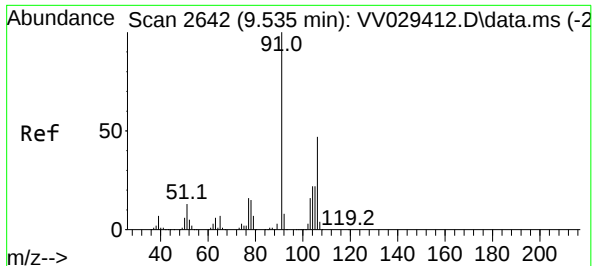
Tgt Ion: 106 Resp: 12011

Ion Ratio Lower Upper

106 100

91 187.6 139.5 259.1

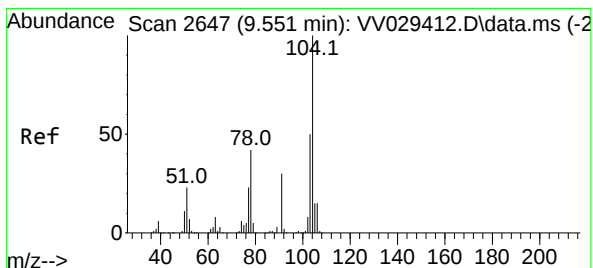
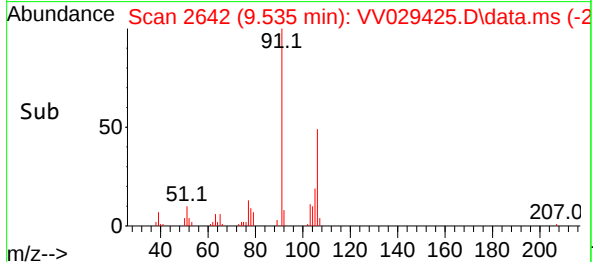
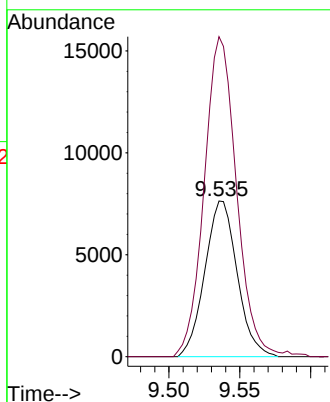
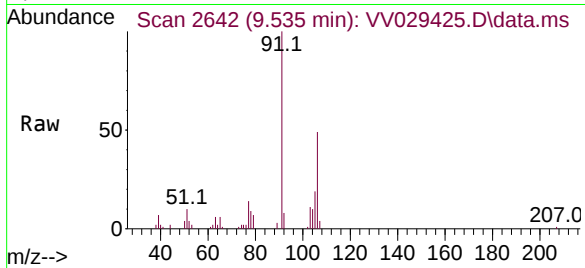




#54
o-Xylene
Concen: 2.090 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. 0.000 min
Lab File: VV029425.D
Acq: 07 Dec 2022 18:20

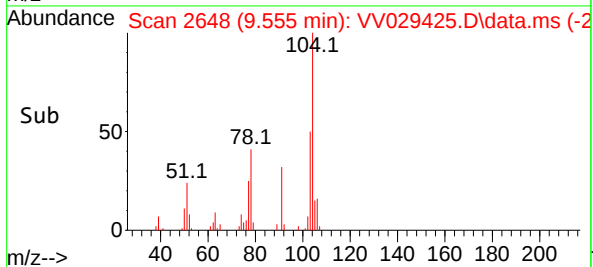
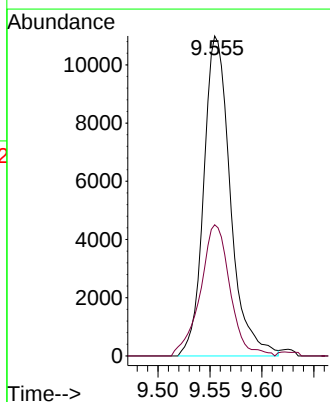
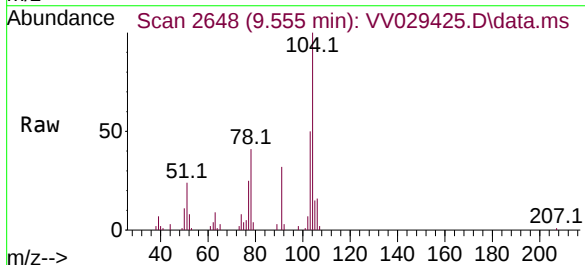
Instrument :
MSVOA_V
ClientSampleId :
MDL01

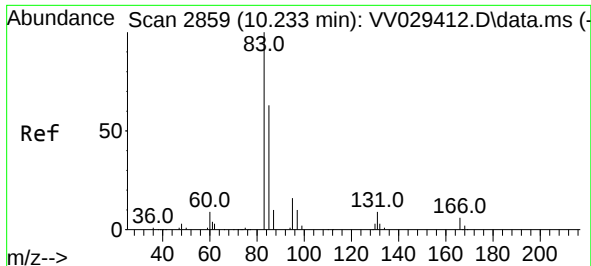
Tgt Ion:106 Resp: 12130
Ion Ratio Lower Upper
106 100
91 205.5 148.0 274.8



#55
Styrene
Concen: 1.945 ug/L
RT: 9.555 min Scan# 2648
Delta R.T. 0.003 min
Lab File: VV029425.D
Acq: 07 Dec 2022 18:20

Tgt Ion:104 Resp: 19613
Ion Ratio Lower Upper
104 100
78 41.0 29.4 54.6

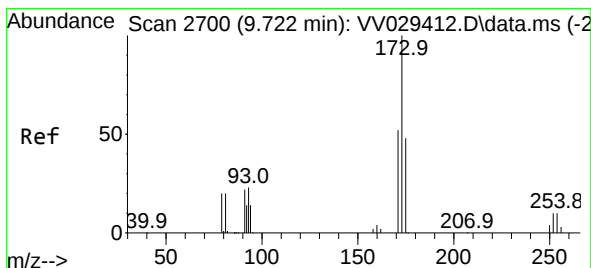
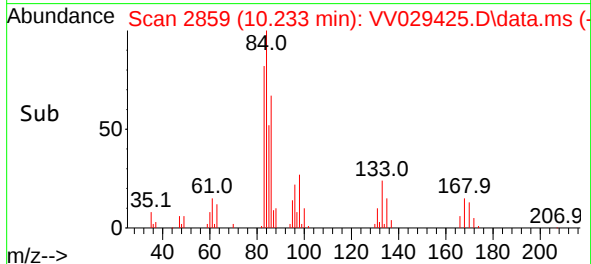
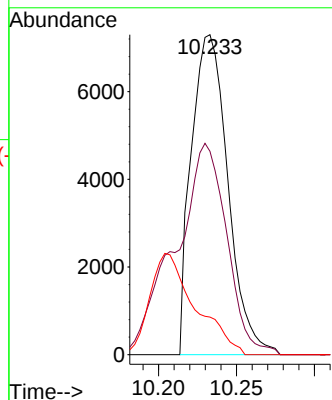
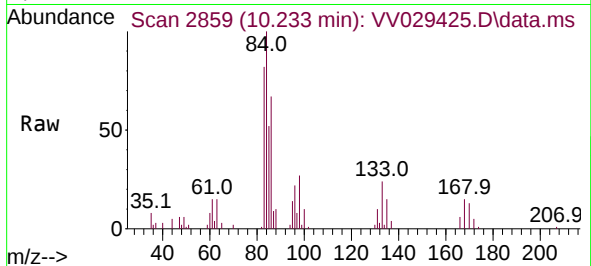




#57
1,1,2,2-Tetrachloroethane
Concen: 2.281 ug/L
RT: 10.233 min Scan# 2859
Delta R.T. 0.000 min
Lab File: VV029425.D
Acq: 07 Dec 2022 18:20

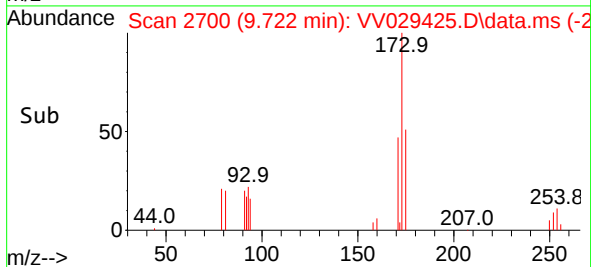
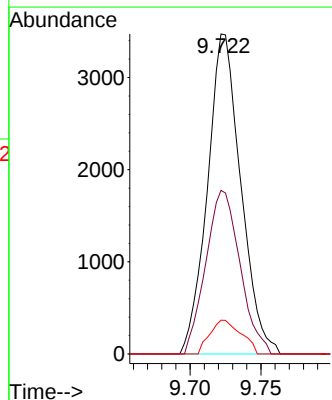
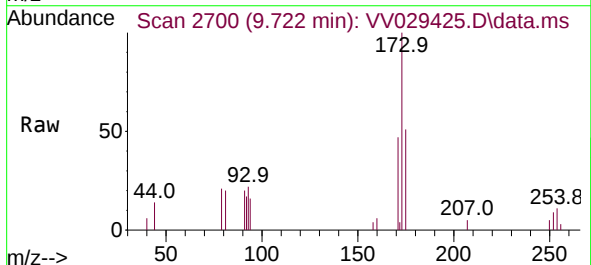
Instrument :
MSVOA_V
ClientSampleId :
MDL01

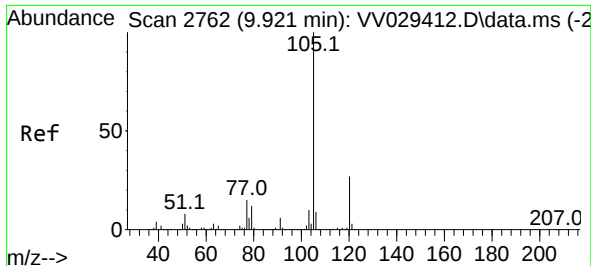
Tgt Ion: 83	Resp:	11915
Ion Ratio	Lower	Upper
83	100	
85	63.6	45.7 84.9
131	11.8	7.9 11.9



#59
Bromoform
Concen: 2.127 ug/L
RT: 9.722 min Scan# 2700
Delta R.T. 0.000 min
Lab File: VV029425.D
Acq: 07 Dec 2022 18:20

Tgt Ion: 173	Resp:	5681
Ion Ratio	Lower	Upper
173	100	
175	52.4	38.4 57.6
254	9.9	7.8 11.8

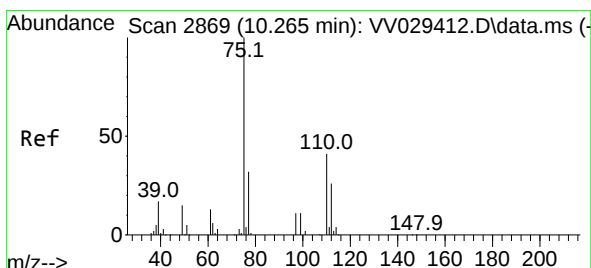
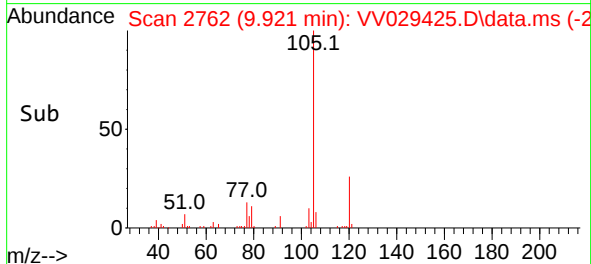
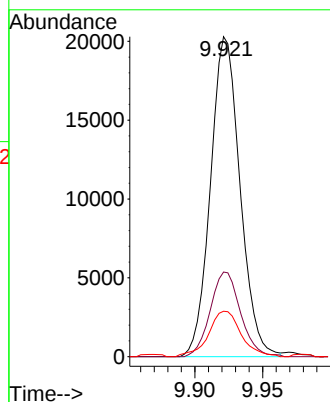
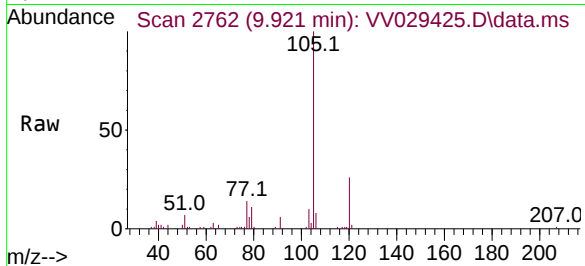




#60
Isopropylbenzene
Concen: 2.168 ug/L
RT: 9.921 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV029425.D
Acq: 07 Dec 2022 18:20

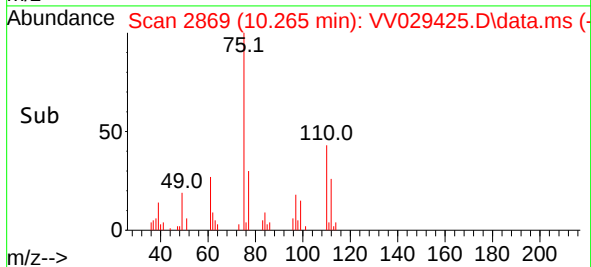
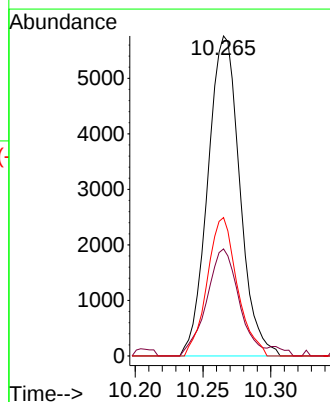
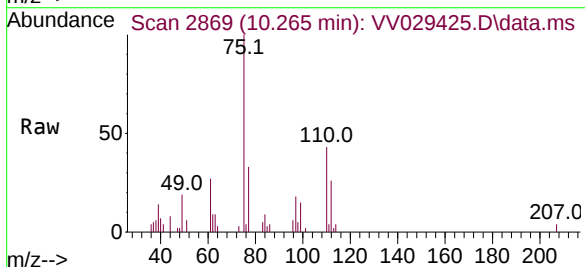
Instrument :
MSVOA_V
ClientSampleId :
MDL01

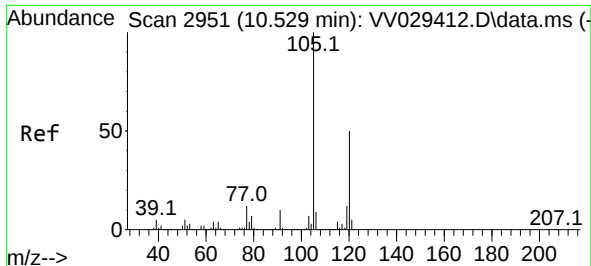
Tgt Ion:105 Resp: 30773
Ion Ratio Lower Upper
105 100
120 27.0 21.1 31.7
77 15.6 11.6 17.4



#61
1,2,3-Trichloropropane
Concen: 2.534 ug/L
RT: 10.265 min Scan# 2869
Delta R.T. 0.000 min
Lab File: VV029425.D
Acq: 07 Dec 2022 18:20

Tgt Ion: 75 Resp: 9456
Ion Ratio Lower Upper
75 100
77 33.9 25.4 38.2
110 40.6 32.7 49.1





#62

1,3,5-Trimethylbenzene

Concen: 2.029 ug/L

RT: 10.529 min Scan# 2951

Delta R.T. 0.000 min

Lab File: VV029425.D

Acq: 07 Dec 2022 18:20

Instrument :

MSVOA_V

ClientSampleId :

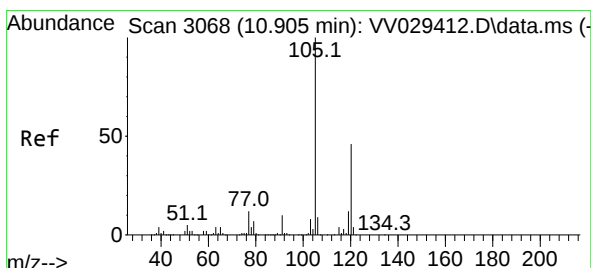
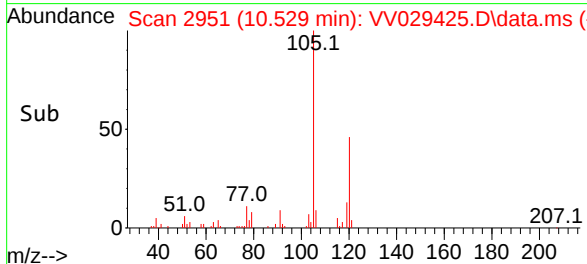
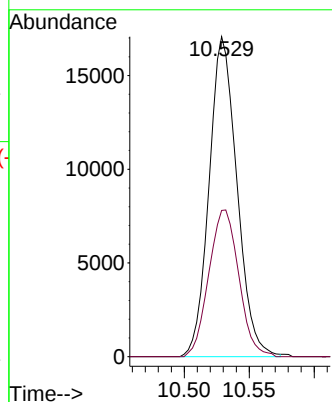
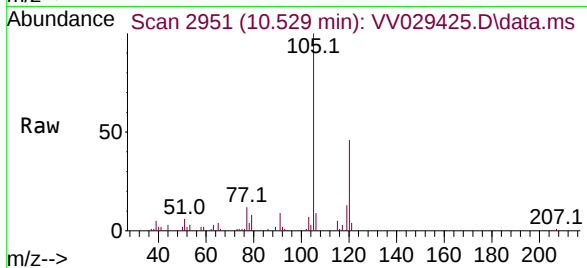
MDL01

Tgt Ion:105 Resp: 25460

Ion Ratio Lower Upper

105 100

120 49.3 40.0 60.0



#63

1,2,4-Trimethylbenzene

Concen: 2.056 ug/L

RT: 10.905 min Scan# 3068

Delta R.T. 0.000 min

Lab File: VV029425.D

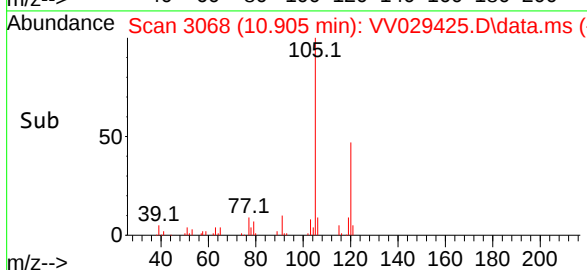
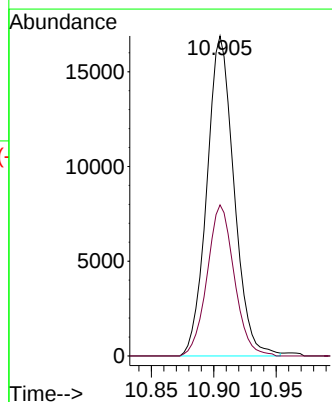
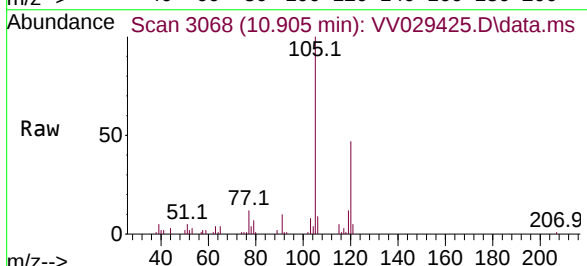
Acq: 07 Dec 2022 18:20

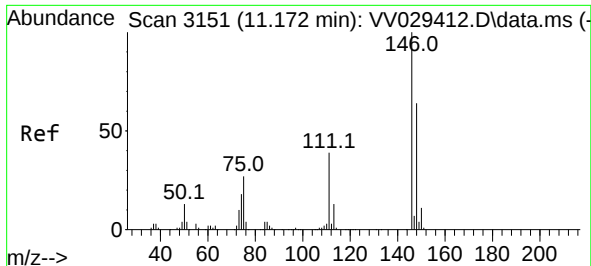
Tgt Ion:105 Resp: 25575

Ion Ratio Lower Upper

105 100

120 47.1 36.7 55.1

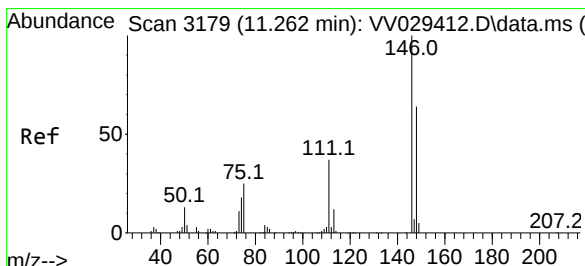
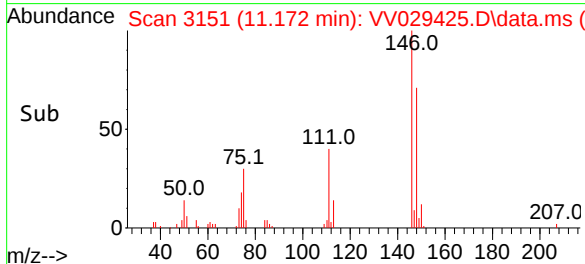
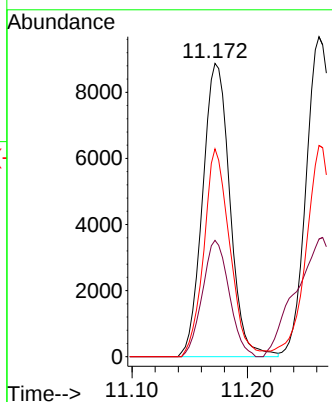
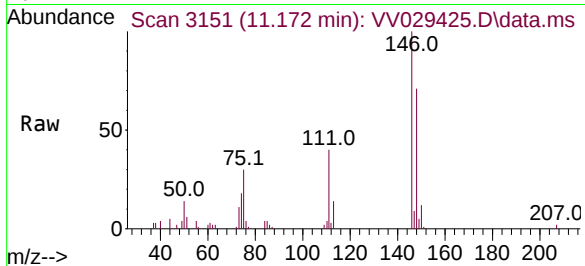




#64
1,3-Dichlorobenzene
Concen: 2.099 ug/L
RT: 11.172 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VV029425.D
Acq: 07 Dec 2022 18:20

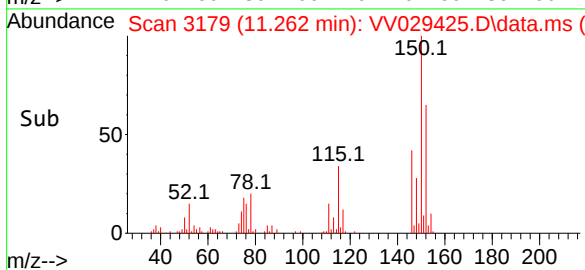
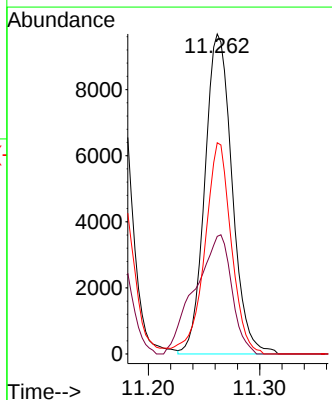
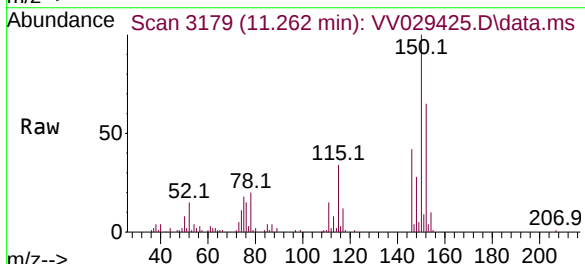
Instrument :
MSVOA_V
ClientSampleId :
MDL01

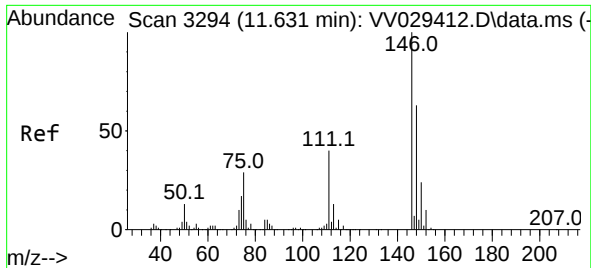
Tgt Ion:146 Resp: 14570
Ion Ratio Lower Upper
146 100
111 39.7 27.4 51.0
148 70.9 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 2.332 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. 0.000 min
Lab File: VV029425.D
Acq: 07 Dec 2022 18:20

Tgt Ion:146 Resp: 16445
Ion Ratio Lower Upper
146 100
111 36.7 26.2 48.8
148 66.0 44.7 83.1

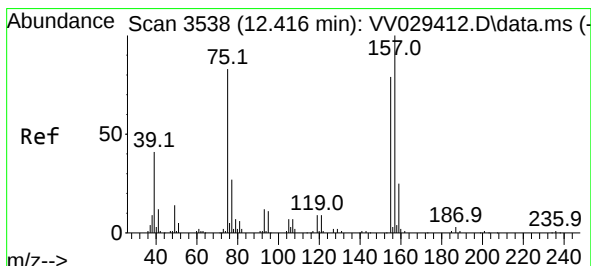
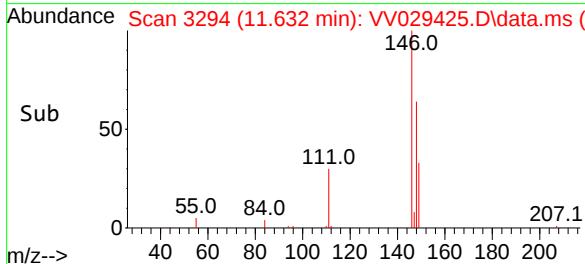
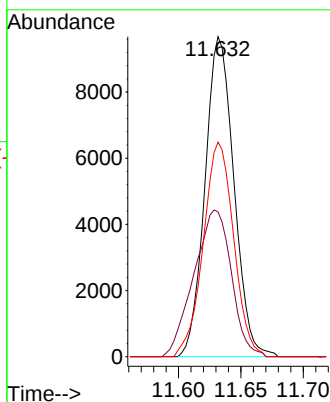
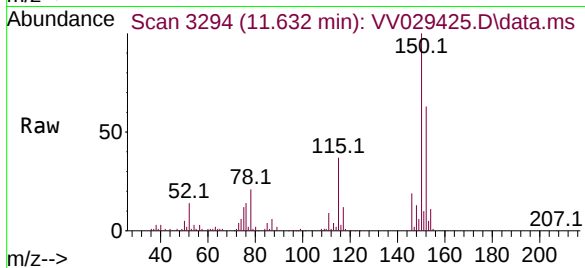




#67
1,2-Dichlorobenzene
Concen: 2.203 ug/L
RT: 11.632 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV029425.D
Acq: 07 Dec 2022 18:20

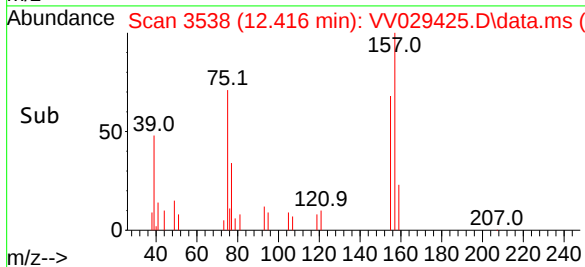
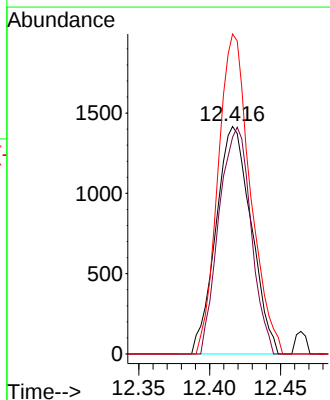
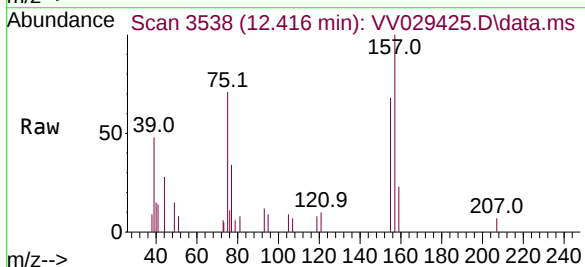
Instrument :
MSVOA_V
ClientSampleId :
MDL01

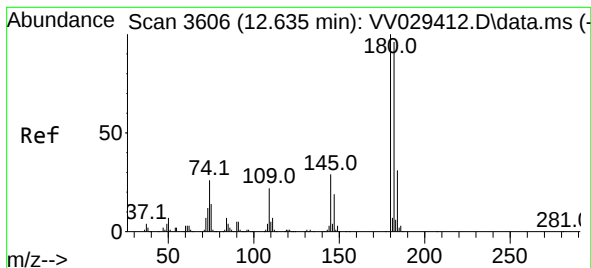
Tgt Ion:146 Resp: 15638
Ion Ratio Lower Upper
146 100
111 45.2 32.0 48.0
148 67.1 50.6 76.0



#68
1,2-Dibromo-3-chloropropane
Concen: 2.118 ug/L
RT: 12.416 min Scan# 3538
Delta R.T. 0.000 min
Lab File: VV029425.D
Acq: 07 Dec 2022 18:20

Tgt Ion: 75 Resp: 2456
Ion Ratio Lower Upper
75 100
155 95.3 76.2 114.2
157 140.6 96.0 144.0





#69

1,3,5-Trichlorobenzene

Concen: 2.096 ug/L

RT: 12.635 min Scan# 3606

Delta R.T. 0.000 min

Lab File: VV029425.D

Acq: 07 Dec 2022 18:20

Instrument :

MSVOA_V

ClientSampleId :

MDL01

Tgt Ion:180 Resp: 11578

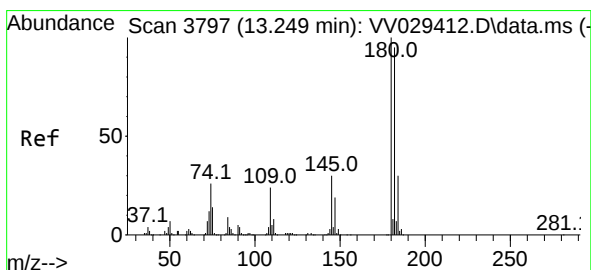
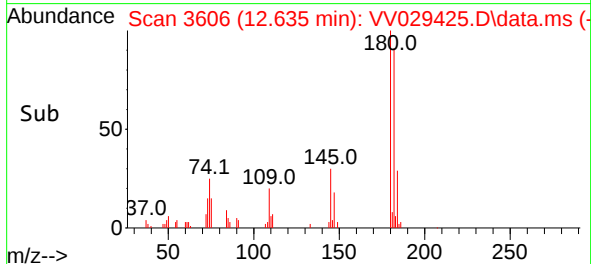
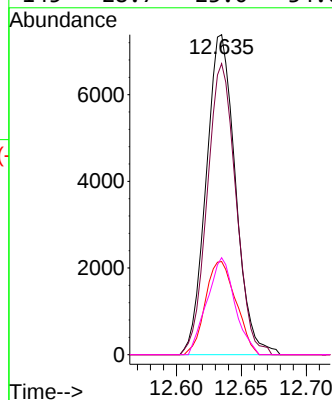
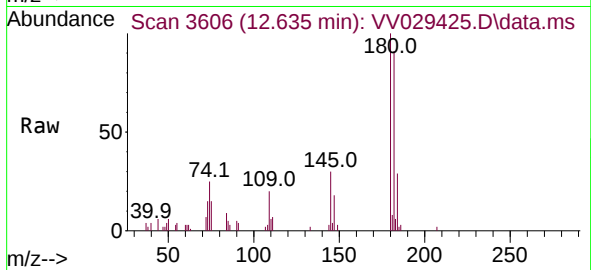
Ion Ratio Lower Upper

180 100

182 88.9 76.5 114.7

184 30.3 24.6 36.8

145 28.7 23.0 34.6



#70

1,2,4-trichlorobenzene

Concen: 2.072 ug/L

RT: 13.249 min Scan# 3797

Delta R.T. 0.000 min

Lab File: VV029425.D

Acq: 07 Dec 2022 18:20

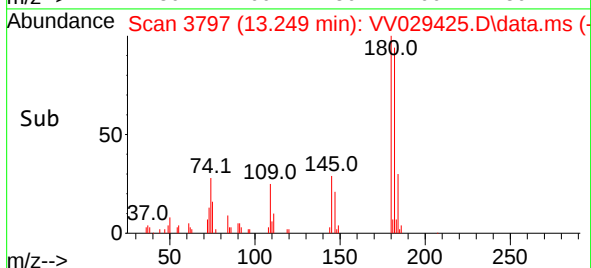
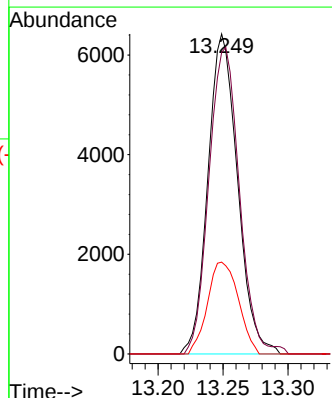
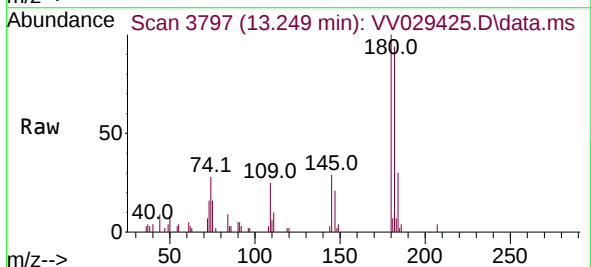
Tgt Ion:180 Resp: 10178

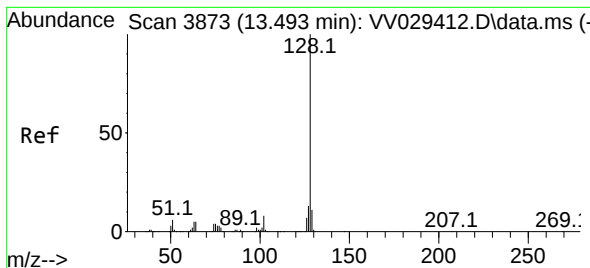
Ion Ratio Lower Upper

180 100

182 97.9 76.3 114.5

145 29.9 23.7 35.5





#71

Naphthalene

Concen: 2.067 ug/L

RT: 13.496 min Scan# 3873

Delta R.T. 0.003 min

Lab File: VV029425.D

Acq: 07 Dec 2022 18:20

Instrument :

MSVOA_V

ClientSampleId :

MDL01

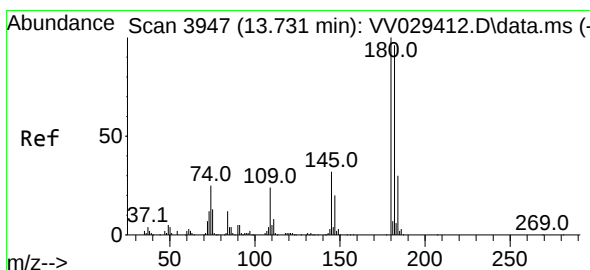
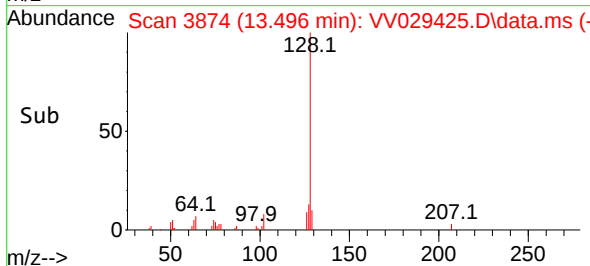
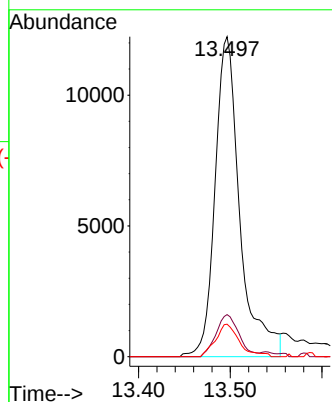
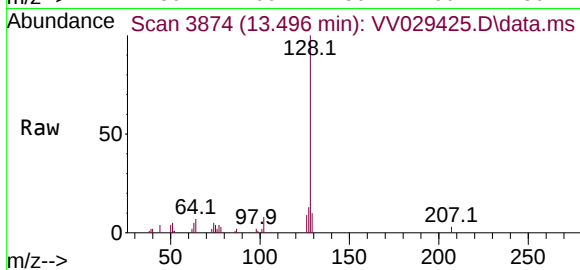
Tgt Ion:128 Resp: 23028

Ion Ratio Lower Upper

128 100

127 12.1 10.2 15.4

129 9.5 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 2.142 ug/L

RT: 13.731 min Scan# 3947

Delta R.T. 0.000 min

Lab File: VV029425.D

Acq: 07 Dec 2022 18:20

Tgt Ion:180 Resp: 10302

Ion Ratio Lower Upper

180 100

182 96.2 76.4 114.6

145 32.1 25.0 37.6

