

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120222\
 Data File : VW029391.D
 Acq On : 02 Dec 2022 14:17
 Operator : SY/MD
 Sample : MDL02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 02 21:19:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 02 21:17:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	254463	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	232349	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	115140	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	60539	3.866	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.400%
7) Chloroethane-d5	1.564	69	51784	4.517	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.400%
11) 1,1-Dichloroethene-d2	2.105	63	77611	3.097	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.000%
20) 2-Butanone-d5	3.892	46	147208	56.193	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.380%
24) Chloroform-d	4.339	84	136014	4.866	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	5.024	65	63055	5.127	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.600%
32) Benzene-d6	5.043	84	287413	4.476	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
36) 1,2-Dichloropropane-d6	6.063	67	87457	4.847	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.000%
41) Toluene-d8	7.307	98	260926	4.305	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
43) trans-1,3-Dichloroprop...	7.616	79	33575	4.826	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.600%
46) 2-Hexanone-d5	8.085	63	138180	55.722	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.440%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	60928	5.472	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.400%
66) 1,2-Dichlorobenzene-d4	11.616	152	98232	4.884	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	3737	0.197	ug/L	96
3) Chloromethane	1.240	50	6645	0.382	ug/L	92
5) Vinyl chloride	1.310	62	3636	0.210	ug/L #	74
6) Bromomethane	1.519	94	1783	0.165	ug/L	94
8) Chloroethane	1.584	64	2491	0.242	ug/L	100
9) Trichlorofluoromethane	1.751	101	5057	0.208	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	3660	0.271	ug/L #	81
12) 1,1-Dichloroethene	2.117	96	3424	0.262	ug/L #	1
14) Carbon disulfide	2.291	76	8263	0.217	ug/L	99
17) Methyl tert-butyl Ether	2.767	73	6974	0.208	ug/L #	95
18) trans-1,2-Dichloroethene	2.757	96	3389	0.226	ug/L	89
19) 1,1-Dichloroethane	3.185	63	6014	0.223	ug/L	91
22) cis-1,2-Dichloroethene	3.902	96	3357	0.195	ug/L	93
23) Bromochloromethane	4.256	128	1416	0.206	ug/L #	80
25) Chloroform	4.368	83	6647	0.236	ug/L	89
27) 1,2-Dichloroethane	5.133	62	3423	0.224	ug/L	98
29) 1,1,1-Trichloroethane	4.603	97	5577	0.209	ug/L	95
30) Cyclohexane	4.670	56	5009	0.190	ug/L	99
31) Carbon tetrachloride	4.818	117	4598	0.203	ug/L	99

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

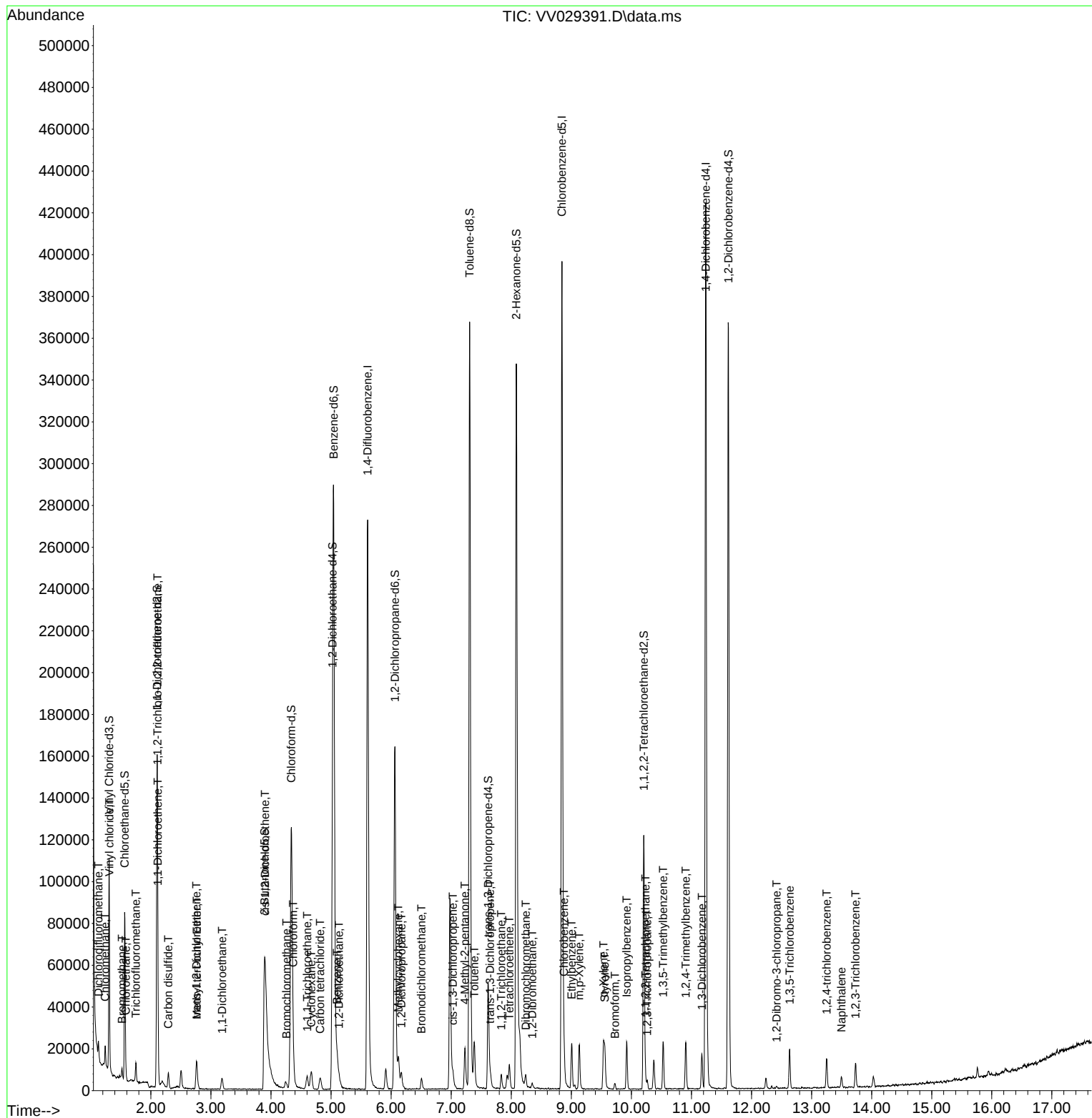
33) Benzene	5.098	78	13156	0.189	ug/L	100
35) Methylcyclohexane	6.121	83	6325	0.211	ug/L	91
37) 1,2-Dichloropropane	6.172	63	3691	0.225	ug/L #	95
38) Bromodichloromethane	6.506	83	4064	0.207	ug/L #	90
39) cis-1,3-Dichloropropene	7.027	75	4269	0.178	ug/L	97
40) 4-Methyl-2-pentanone	7.227	43	14063	1.836	ug/L #	86
42) Toluene	7.384	91	17318	0.232	ug/L	95
44) trans-1,3-Dichloropropene	7.648	75	5162	0.272	ug/L	84
45) 1,1,2-Trichloroethane	7.834	97	2145	0.194	ug/L	97
47) Tetrachloroethene	7.969	164	2753	0.189	ug/L	93
49) Dibromochloromethane	8.243	129	2423	0.194	ug/L	88
50) 1,2-Dibromoethane	8.349	107	1577	0.163	ug/L #	66
51) Chlorobenzene	8.876	112	9786	0.210	ug/L	93
52) Ethylbenzene	9.005	91	16223	0.209	ug/L	98
53) m,p-Xylene	9.133	106	6357	0.207	ug/L	98
54) o-Xylene	9.535	106	5845	0.194	ug/L	99
55) Styrene	9.558	104	9741	0.192	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.233	83	2680	0.234	ug/L #	81
59) Bromoform	9.725	173	1456	0.241	ug/L #	94
60) Isopropylbenzene	9.921	105	14631	0.197	ug/L	97
61) 1,2,3-Trichloropropane	10.262	75	1720	0.215	ug/L	97
62) 1,3,5-Trimethylbenzene	10.529	105	12792	0.198	ug/L	96
63) 1,2,4-Trimethylbenzene	10.905	105	12931	0.199	ug/L	99
64) 1,3-Dichlorobenzene	11.175	146	7578	0.218	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.419	75	399	0.254	ug/L #	83
69) 1,3,5-Trichlorobenzene	12.635	180	6142	0.215	ug/L	96
70) 1,2,4-trichlorobenzene	13.249	180	5047	0.218	ug/L	96
71) Naphthalene	13.496	128	5249	0.262	ug/L #	96
72) 1,2,3-Trichlorobenzene	13.731	180	4157	0.220	ug/L	94

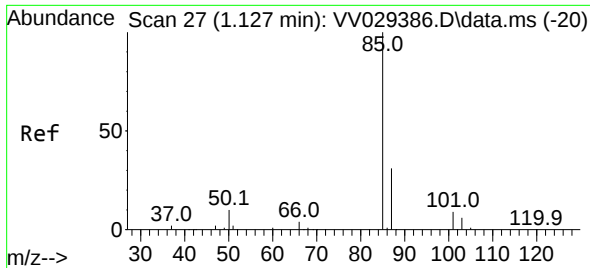
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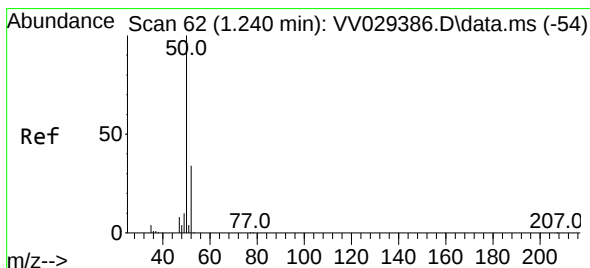
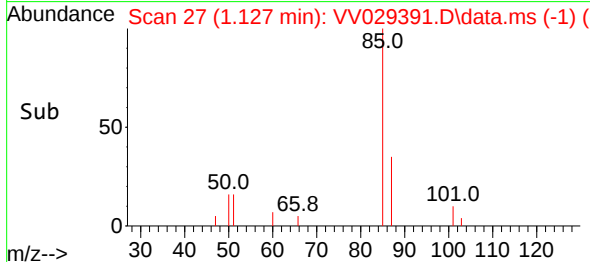
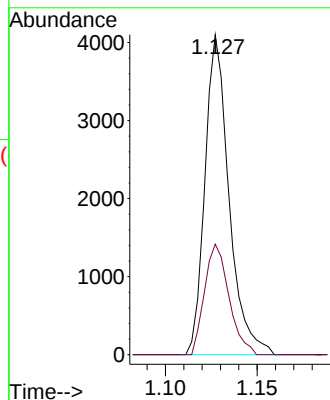
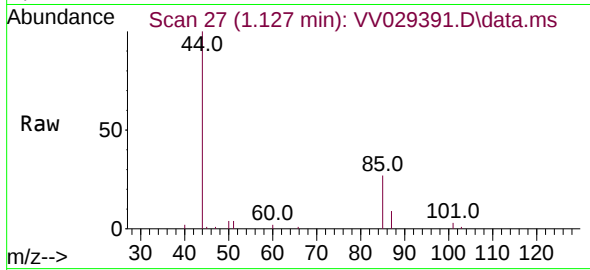




#2
 Dichlorodifluoromethane
 Concen: 0.197 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV029391.D
 Acq: 02 Dec 2022 14:17

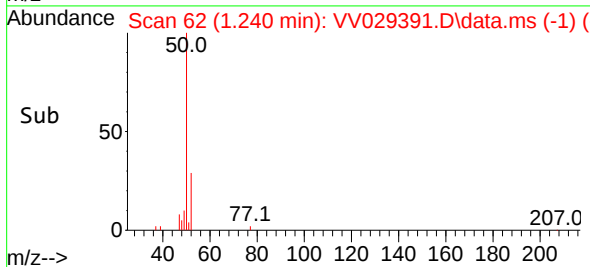
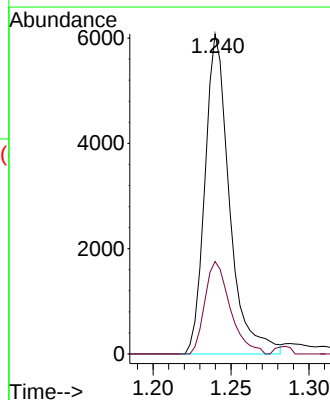
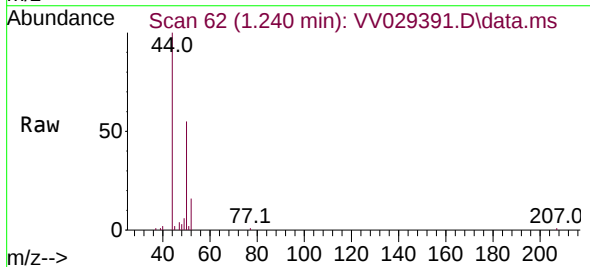
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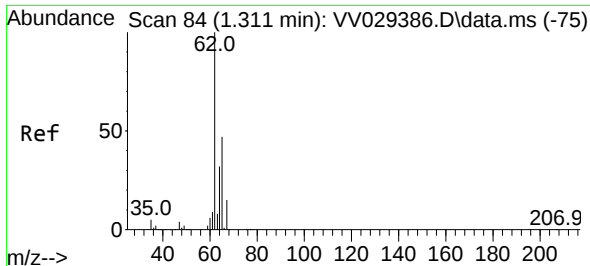
Tgt Ion: 85 Resp: 3737
 Ion Ratio Lower Upper
 85 100
 87 35.0 26.2 39.4



#3
 Chloromethane
 Concen: 0.382 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV029391.D
 Acq: 02 Dec 2022 14:17

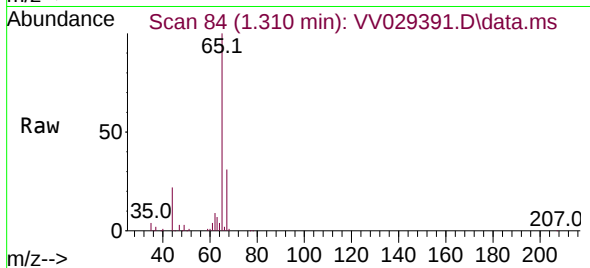
Tgt Ion: 50 Resp: 6645
 Ion Ratio Lower Upper
 50 100
 52 28.9 23.2 43.2



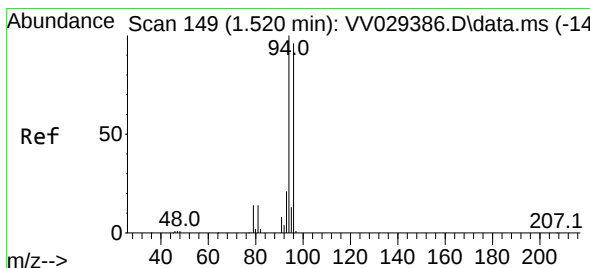
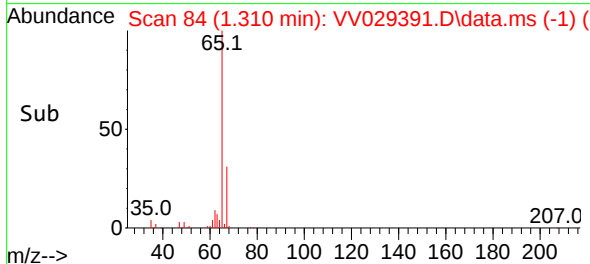
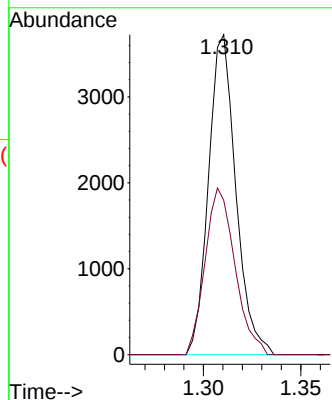


#5
 Vinyl chloride
 Concen: 0.210 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV029391.D
 Acq: 02 Dec 2022 14:17

Instrument :
 MSVOA_V
 ClientSampleId :

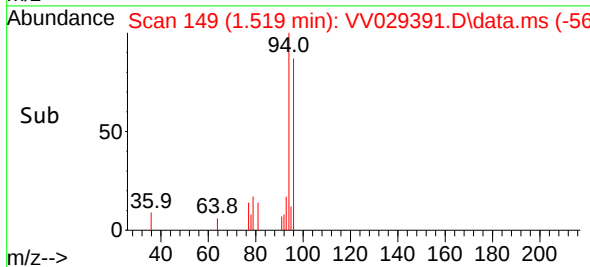
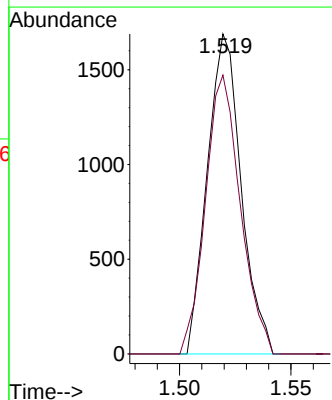
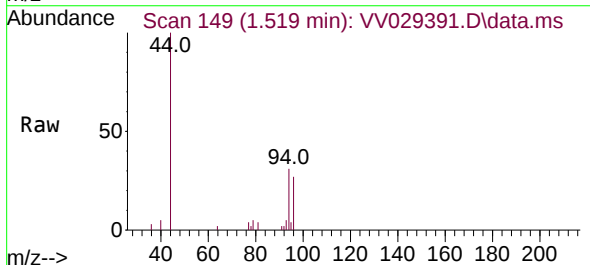


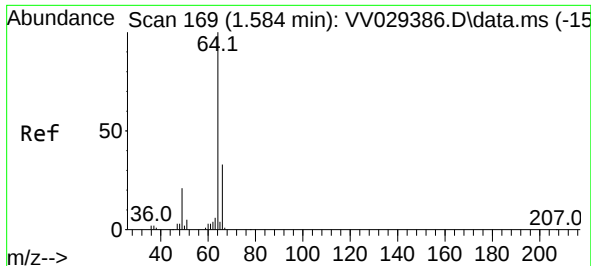
Tgt Ion: 62 Resp: 3636
 Ion Ratio Lower Upper
 62 100
 64 48.3 23.4 43.4#



#6
 Bromomethane
 Concen: 0.165 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VV029391.D
 Acq: 02 Dec 2022 14:17

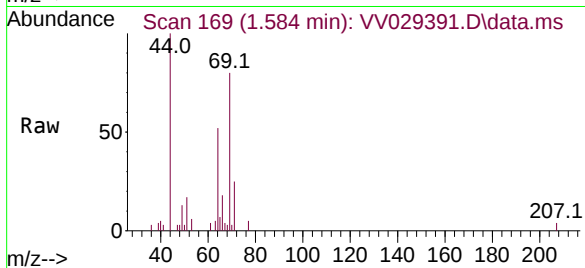
Tgt Ion: 94 Resp: 1783
 Ion Ratio Lower Upper
 94 100
 96 87.2 65.4 121.4



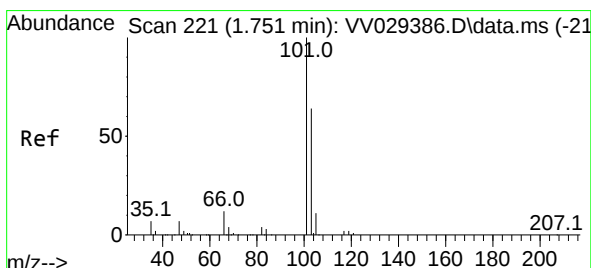
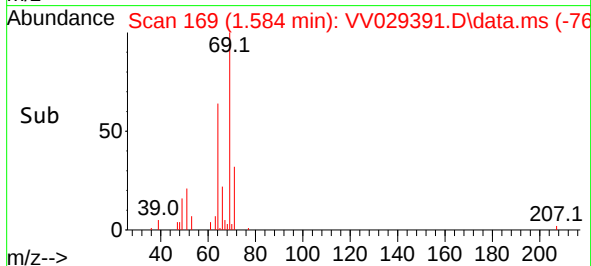
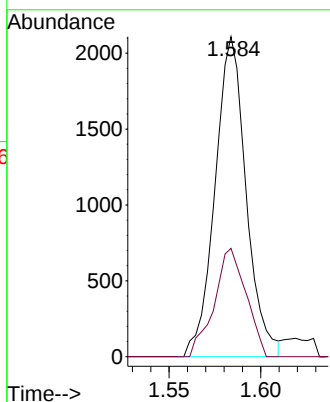


#8
Chloroethane
Concen: 0.242 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.000 min
Lab File: VV029391.D
Acq: 02 Dec 2022 14:17

Instrument :
MSVOA_V
ClientSampleId :

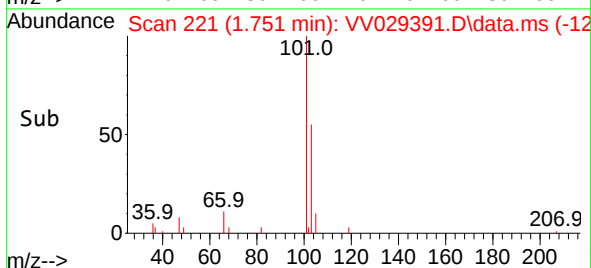
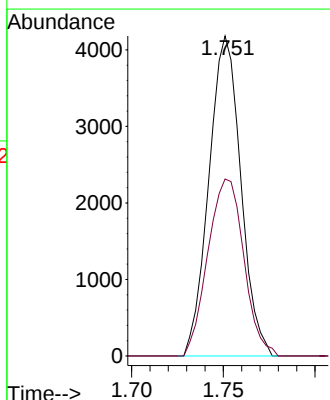
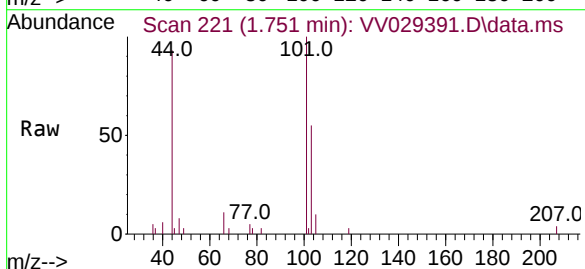


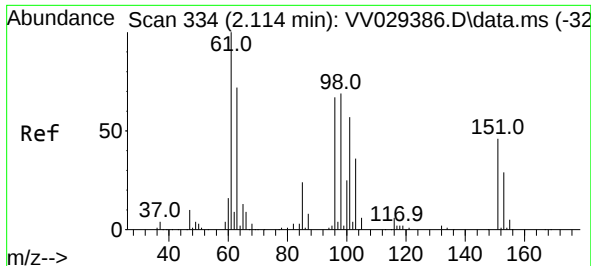
Tgt Ion: 64 Resp: 2491
Ion Ratio Lower Upper
64 100
66 33.9 23.5 43.7



#9
Trichlorofluoromethane
Concen: 0.208 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.000 min
Lab File: VV029391.D
Acq: 02 Dec 2022 14:17

Tgt Ion: 101 Resp: 5057
Ion Ratio Lower Upper
101 100
103 62.3 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. -0.003 min

Lab File: VV029391.D

Acq: 02 Dec 2022 14:17

Instrument :

MSVOA_V

ClientSampleId :

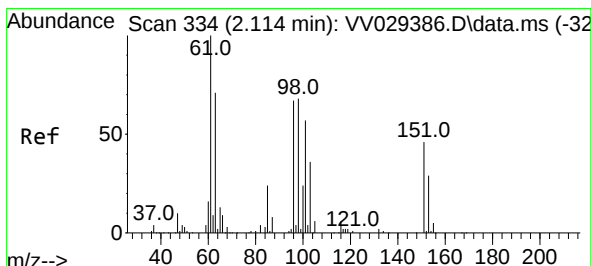
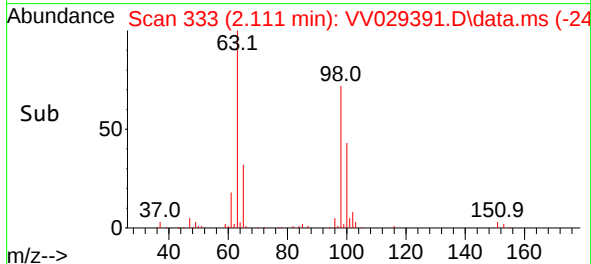
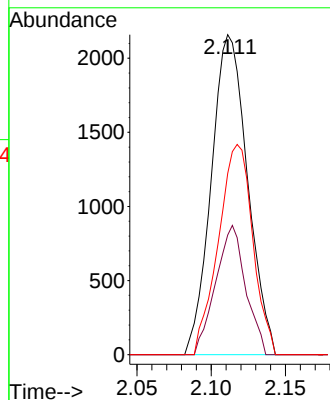
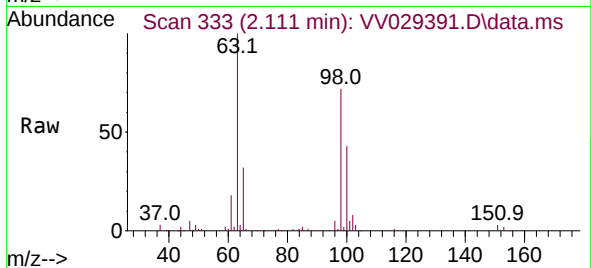
Tgt Ion:101 Resp: 3660

Ion Ratio Lower Upper

101 100

85 33.4 33.6 50.4#

151 62.4 65.3 97.9#



#12

1,1-Dichloroethene

Concen: 0.262 ug/L

RT: 2.117 min Scan# 335

Delta R.T. 0.003 min

Lab File: VV029391.D

Acq: 02 Dec 2022 14:17

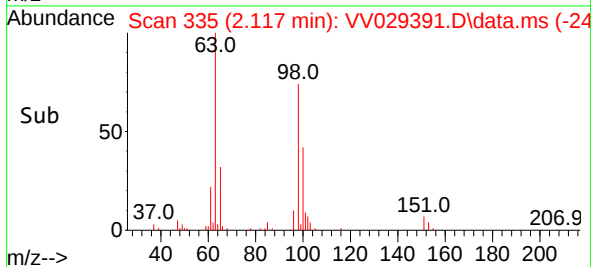
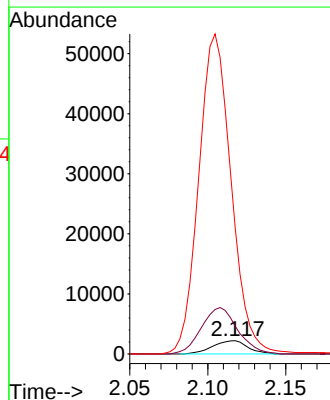
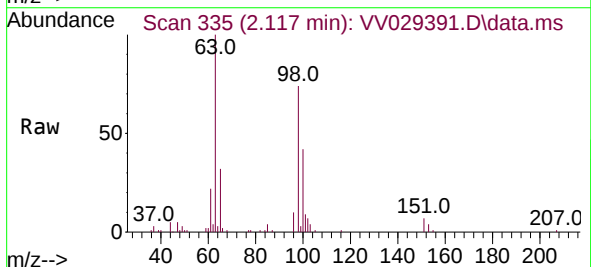
Tgt Ion: 96 Resp: 3424

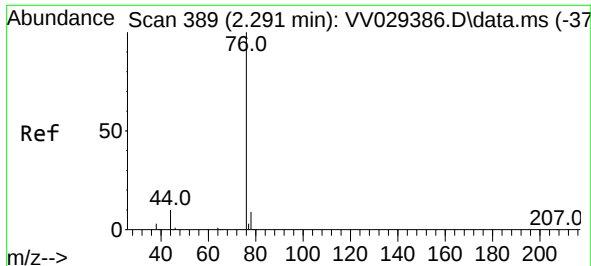
Ion Ratio Lower Upper

96 100

61 210.6 110.3 204.9#

63 962.0 84.4 156.8#

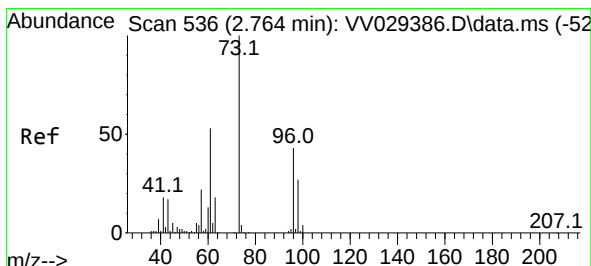
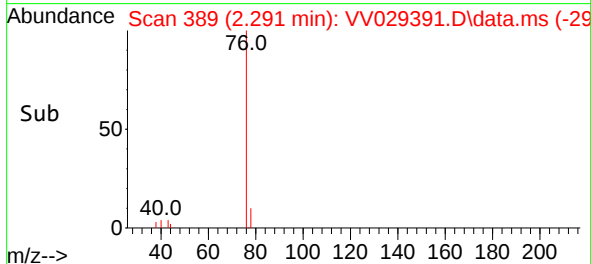
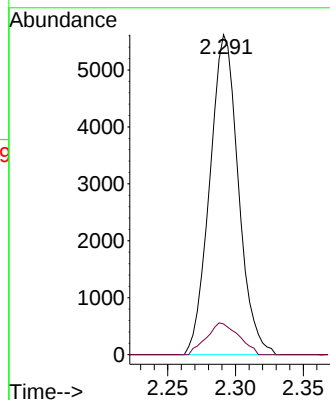
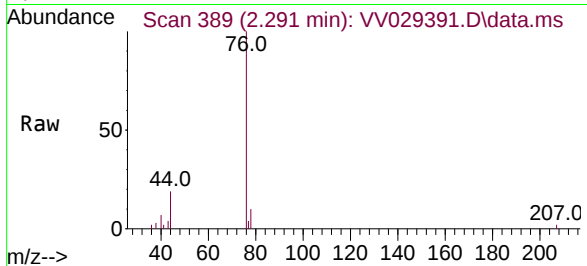




#14
Carbon disulfide
Concen: 0.217 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.000 min
Lab File: VV029391.D
Acq: 02 Dec 2022 14:17

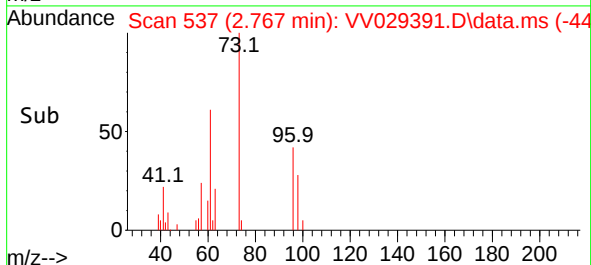
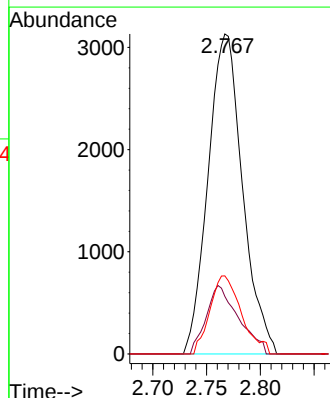
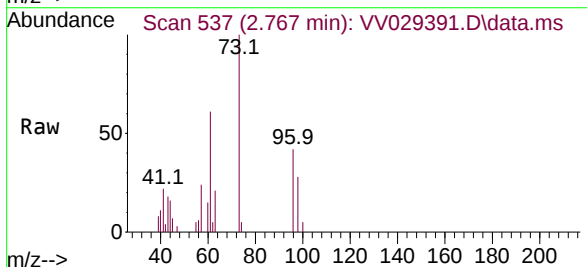
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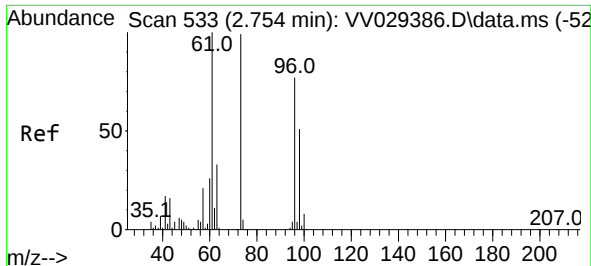
Tgt Ion: 76 Resp: 8263
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.2



#17
Methyl tert-butyl Ether
Concen: 0.208 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.003 min
Lab File: VV029391.D
Acq: 02 Dec 2022 14:17

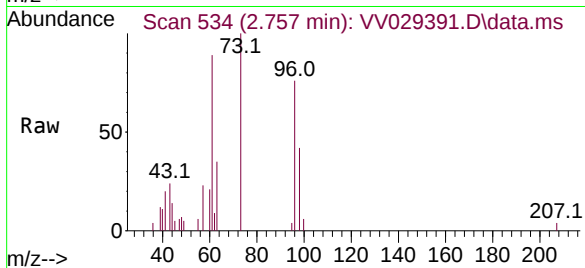
Tgt Ion: 73 Resp: 6974
Ion Ratio Lower Upper
73 100
43 20.1 13.2 19.8#
57 22.4 16.9 25.3





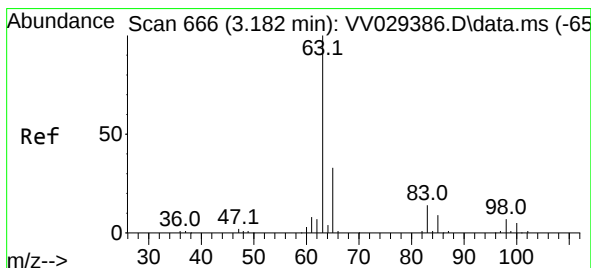
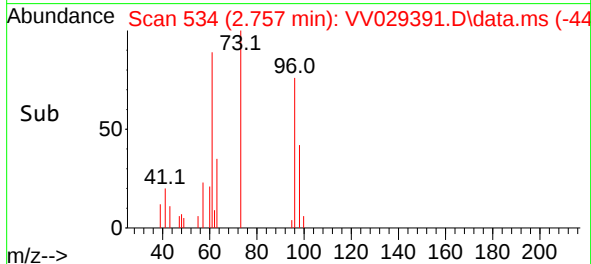
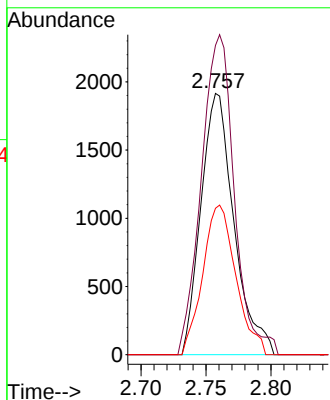
#18
trans-1,2-Dichloroethene
Concen: 0.226 ug/L
RT: 2.757 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV029391.D
Acq: 02 Dec 2022 14:17

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 96 Resp: 3389

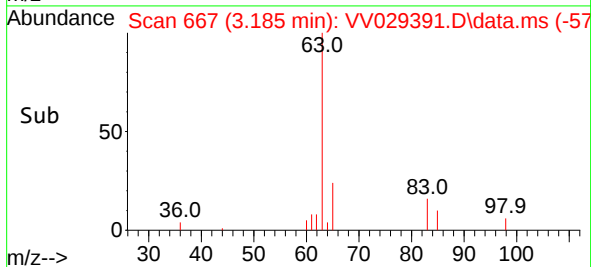
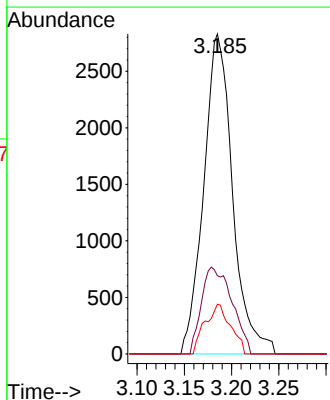
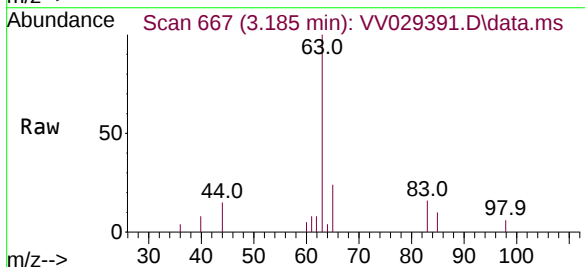
Ion	Ratio	Lower	Upper
96	100		
61	118.3	93.0	172.6
98	56.0	44.0	81.8

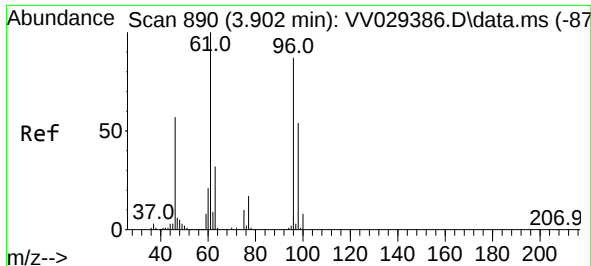


#19
1,1-Dichloroethane
Concen: 0.223 ug/L
RT: 3.185 min Scan# 667
Delta R.T. 0.003 min
Lab File: VV029391.D
Acq: 02 Dec 2022 14:17

Tgt Ion: 63 Resp: 6014

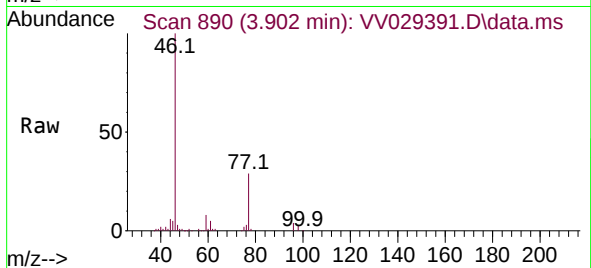
Ion	Ratio	Lower	Upper
63	100		
65	24.5	21.6	40.2
83	15.5	10.3	19.1





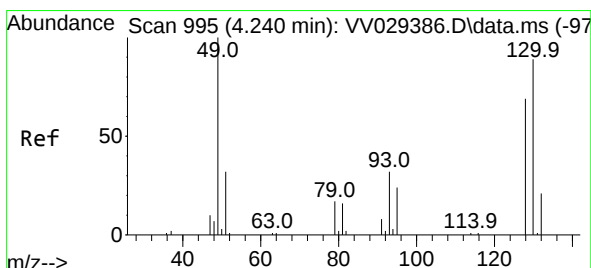
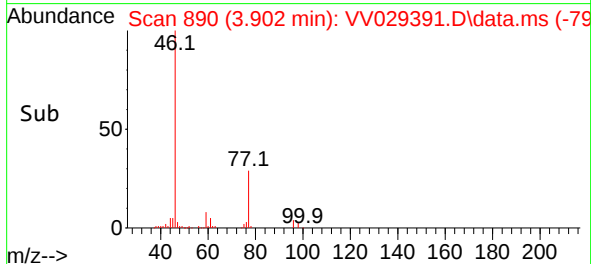
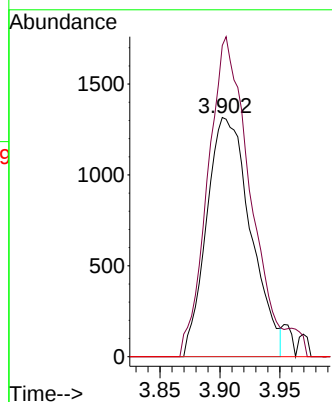
#22
cis-1,2-Dichloroethene
Concen: 0.195 ug/L
RT: 3.902 min Scan# 890
Delta R.T. -0.000 min
Lab File: VV029391.D
Acq: 02 Dec 2022 14:17

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 96 Resp: 3357

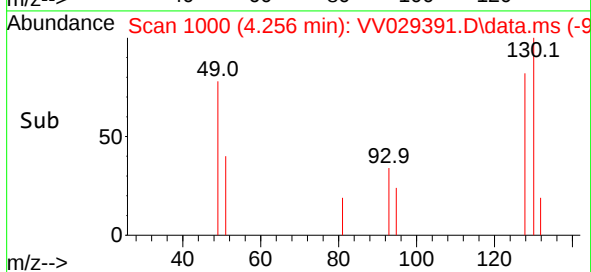
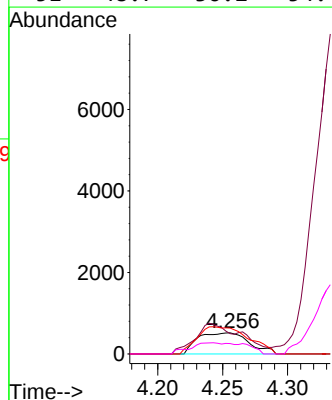
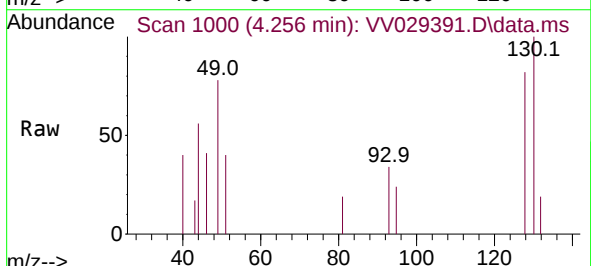
Ion	Ratio	Lower	Upper
96	100		
61	130.2	85.8	159.3
68	0.0	0.0	0.0

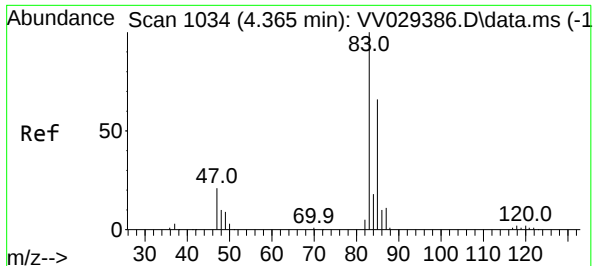


#23
Bromochloromethane
Concen: 0.206 ug/L
RT: 4.256 min Scan# 1000
Delta R.T. 0.016 min
Lab File: VV029391.D
Acq: 02 Dec 2022 14:17

Tgt Ion: 128 Resp: 1416

Ion	Ratio	Lower	Upper
128	100		
49	96.2	100.0	185.8#
130	122.5	90.2	167.6
51	48.7	36.2	54.4





#25

Chloroform

Concen: 0.236 ug/L

RT: 4.368 min Scan# 1034

Delta R.T. 0.003 min

Lab File: VV029391.D

Acq: 02 Dec 2022 14:17

Instrument :

MSVOA_V

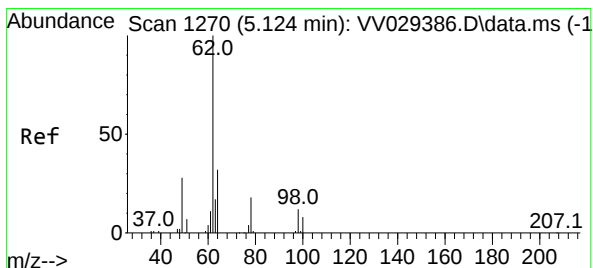
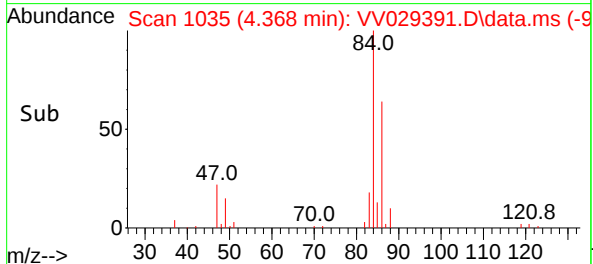
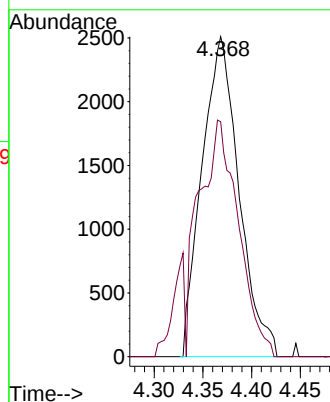
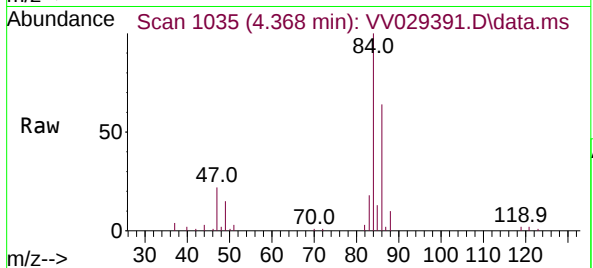
ClientSampleId :

Tgt Ion: 83 Resp: 6647

Ion Ratio Lower Upper

83 100

85 73.4 45.4 84.4



#27

1,2-Dichloroethane

Concen: 0.224 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. 0.010 min

Lab File: VV029391.D

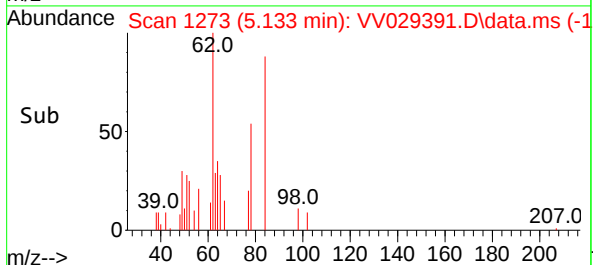
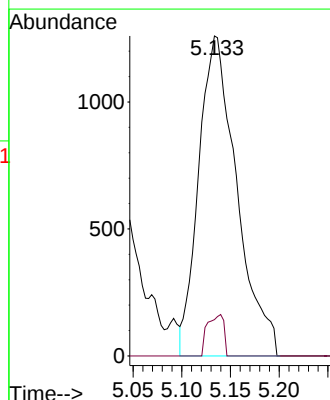
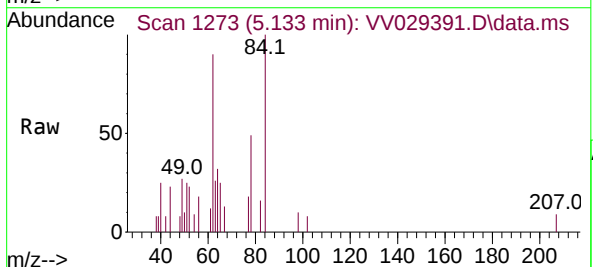
Acq: 02 Dec 2022 14:17

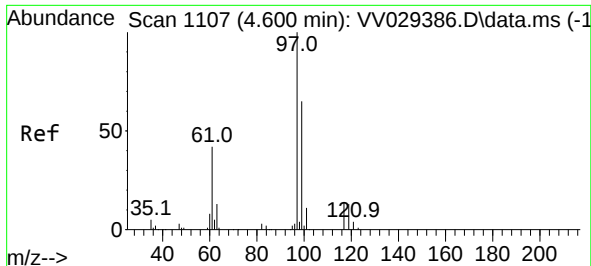
Tgt Ion: 62 Resp: 3423

Ion Ratio Lower Upper

62 100

98 11.3 8.4 12.6





#29

1,1,1-Trichloroethane

Concen: 0.209 ug/L

RT: 4.603 min Scan# 1107

Delta R.T. 0.003 min

Lab File: VV029391.D

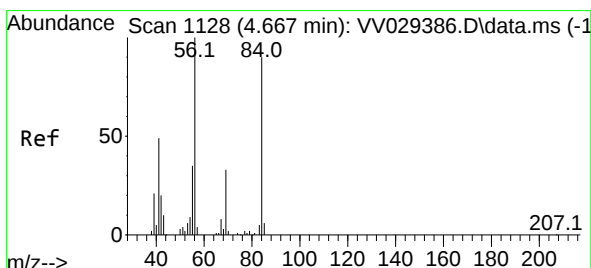
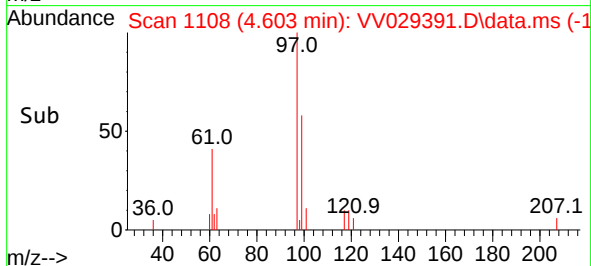
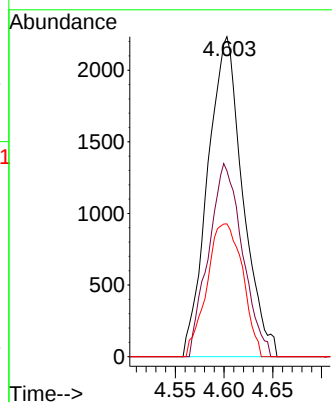
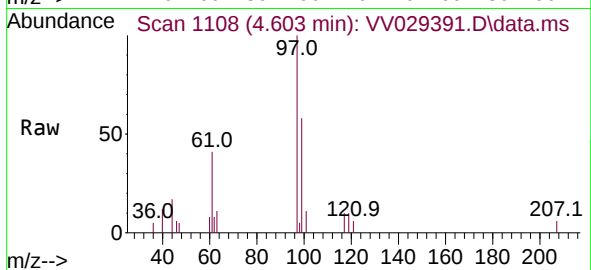
Acq: 02 Dec 2022 14:17

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97	Resp: 5577
Ion Ratio	Lower Upper
97 100	
99 58.4	51.2 76.8
61 42.4	33.3 49.9



#30

Cyclohexane

Concen: 0.190 ug/L

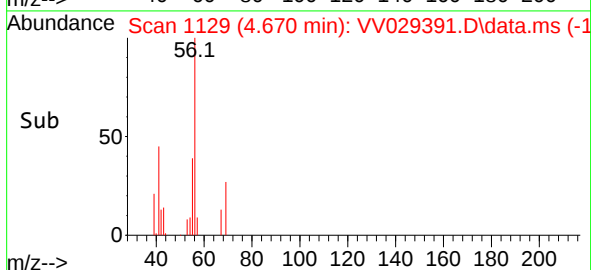
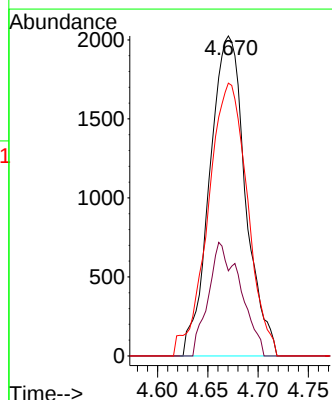
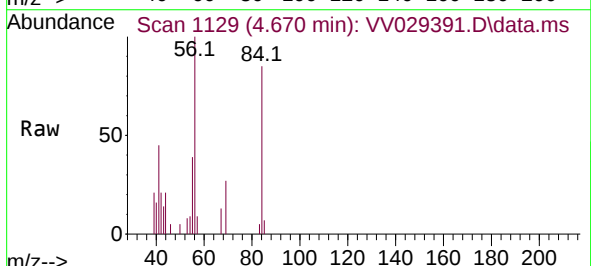
RT: 4.670 min Scan# 1129

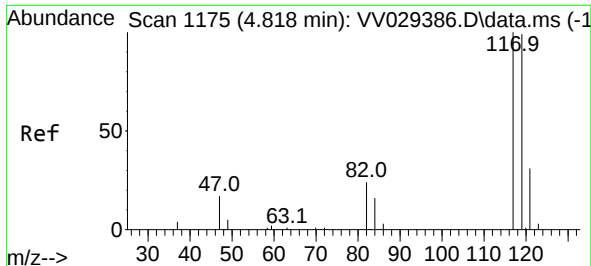
Delta R.T. 0.003 min

Lab File: VV029391.D

Acq: 02 Dec 2022 14:17

Tgt Ion: 56	Resp: 5009
Ion Ratio	Lower Upper
56 100	
69 31.9	26.1 39.1
84 93.7	75.6 113.4

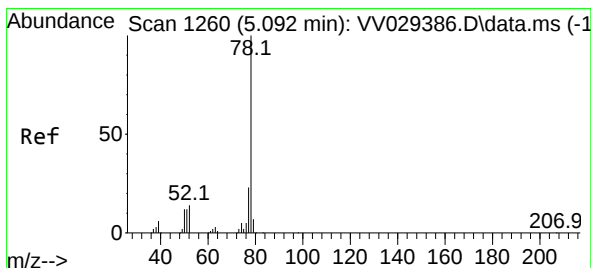
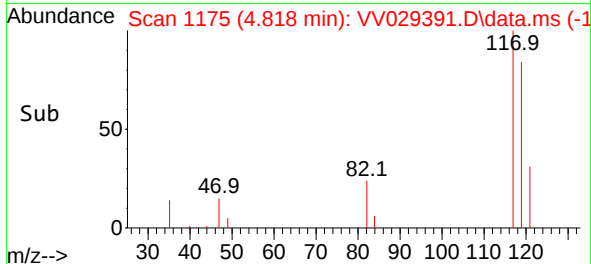
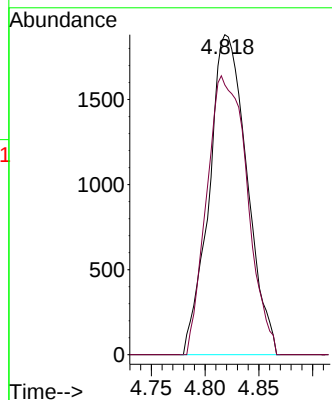
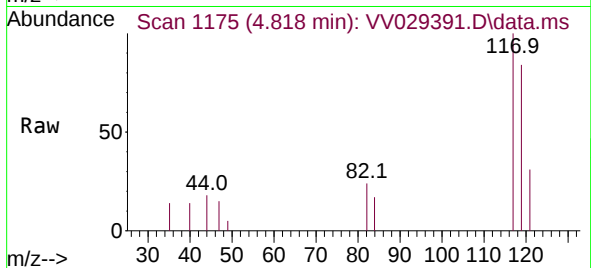




#31
Carbon tetrachloride
Concen: 0.203 ug/L
RT: 4.818 min Scan# 1175
Delta R.T. -0.000 min
Lab File: VV029391.D
Acq: 02 Dec 2022 14:17

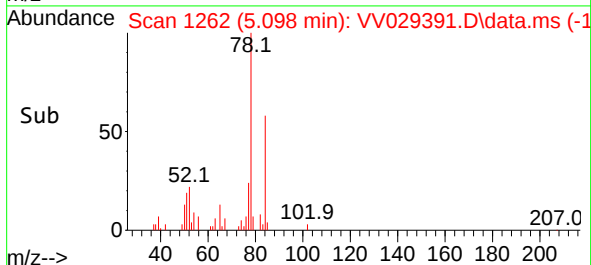
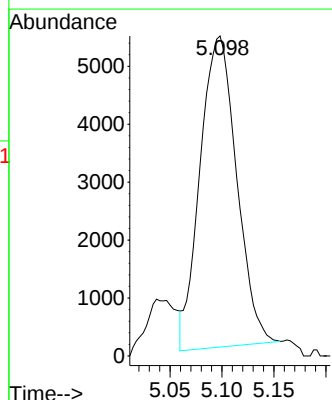
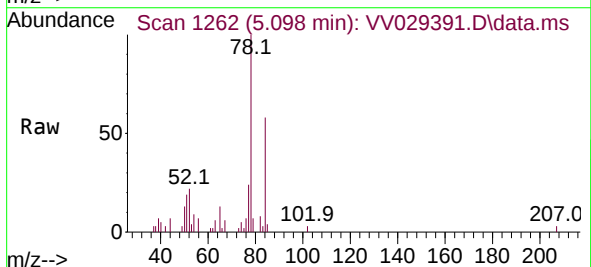
Instrument :
MSVOA_V
ClientSampleId :

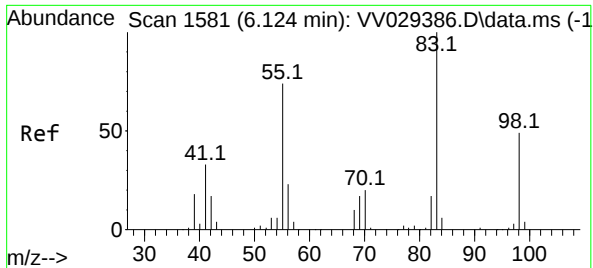
Tgt Ion:117 Resp: 4598
Ion Ratio Lower Upper
117 100
119 93.2 75.7 113.5



#33
Benzene
Concen: 0.189 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VV029391.D
Acq: 02 Dec 2022 14:17

Tgt Ion: 78 Resp: 13156

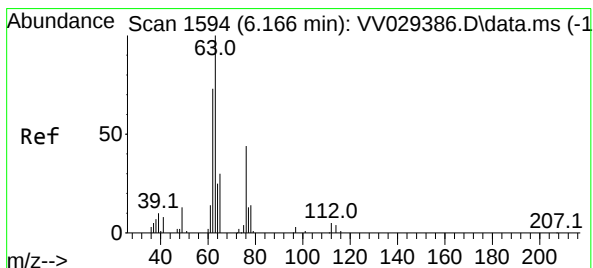
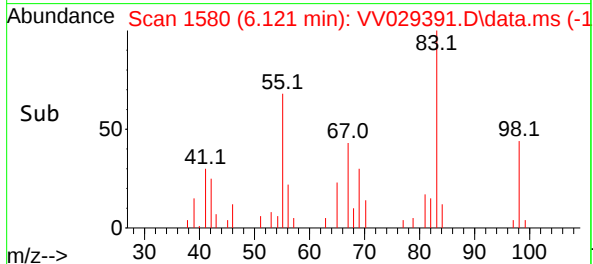
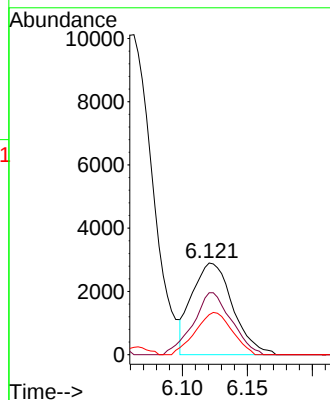
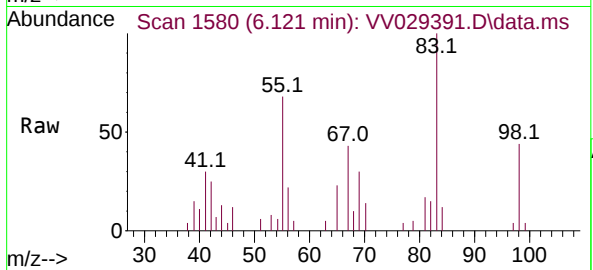




#35
Methylcyclohexane
Concen: 0.211 ug/L
RT: 6.121 min Scan# 1581
Delta R.T. -0.003 min
Lab File: VV029391.D
Acq: 02 Dec 2022 14:17

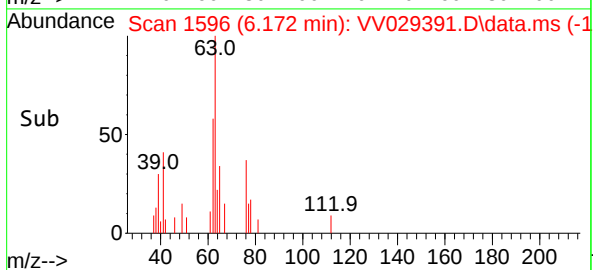
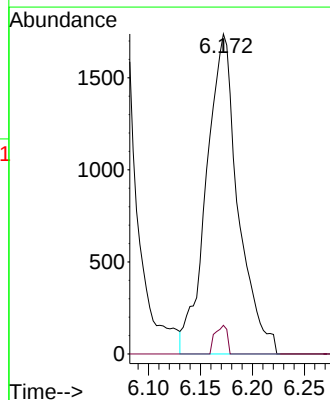
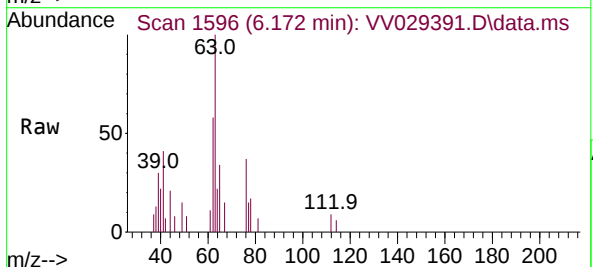
Instrument :
MSVOA_V
ClientSampleId :

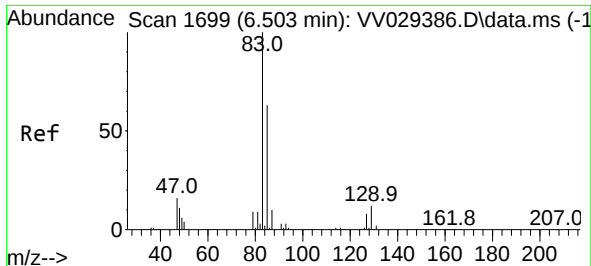
Tgt Ion: 83 Resp: 6325
Ion Ratio Lower Upper
83 100
55 63.2 55.4 83.2
98 41.2 39.4 59.2



#37
1,2-Dichloropropane
Concen: 0.225 ug/L
RT: 6.172 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VV029391.D
Acq: 02 Dec 2022 14:17

Tgt Ion: 63 Resp: 3691
Ion Ratio Lower Upper
63 100
112 3.4 4.1 6.1#

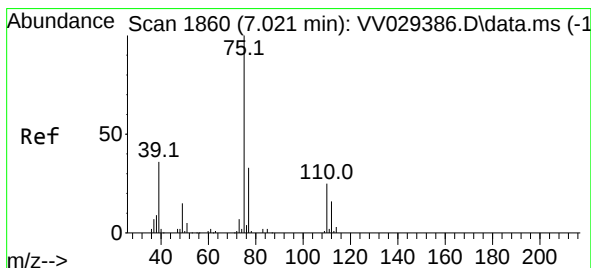
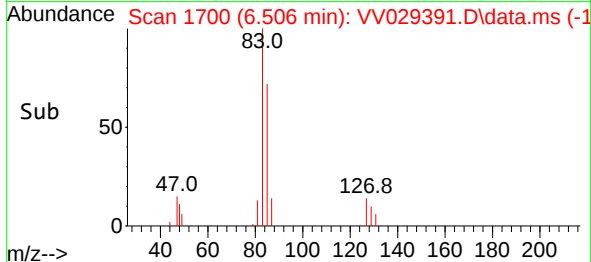
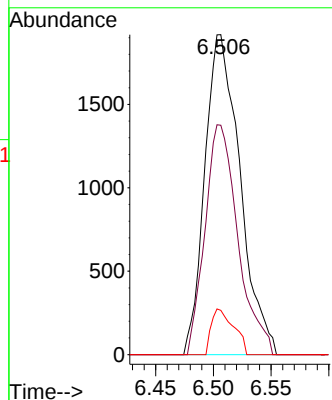
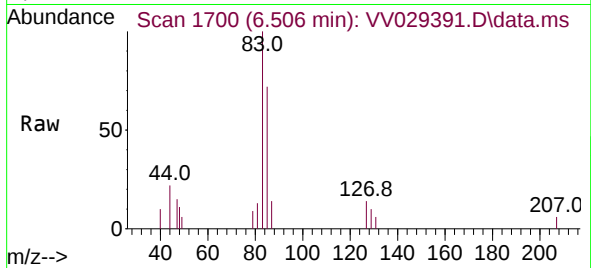




#38
Bromodichloromethane
Concen: 0.207 ug/L
RT: 6.506 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV029391.D
Acq: 02 Dec 2022 14:17

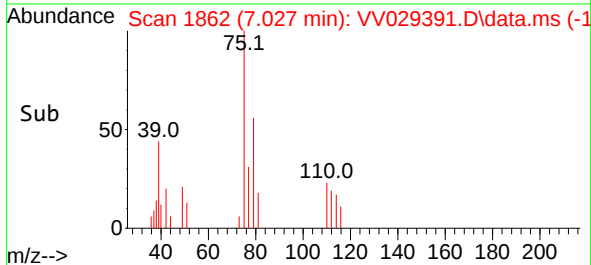
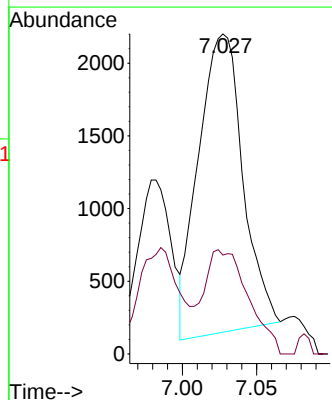
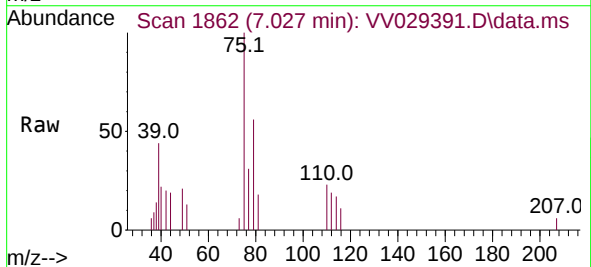
Instrument :
MSVOA_V
ClientSampleId :

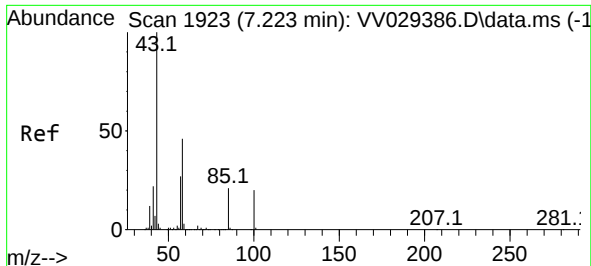
Tgt Ion: 83 Resp: 4064
Ion Ratio Lower Upper
83 100
85 71.7 44.7 83.1
127 13.8 7.4 11.2#



#39
cis-1,3-Dichloropropene
Concen: 0.178 ug/L
RT: 7.027 min Scan# 1862
Delta R.T. 0.006 min
Lab File: VV029391.D
Acq: 02 Dec 2022 14:17

Tgt Ion: 75 Resp: 4269
Ion Ratio Lower Upper
75 100
77 30.9 22.7 42.3





#40

4-Methyl-2-pentanone

Concen: 1.836 ug/L

RT: 7.227 min Scan# 1923

Delta R.T. 0.003 min

Lab File: VV029391.D

Acq: 02 Dec 2022 14:17

Instrument :

MSVOA_V

ClientSampleId :

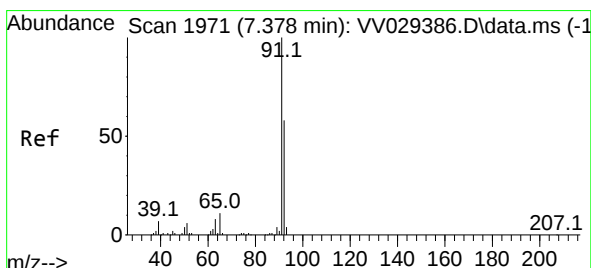
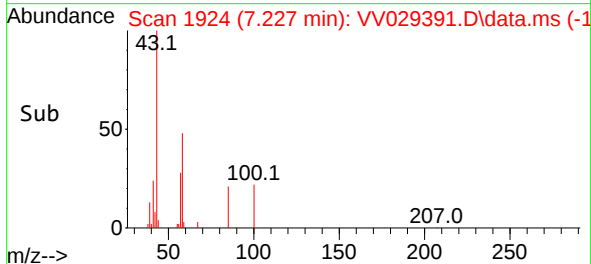
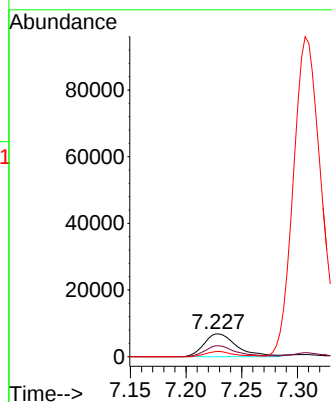
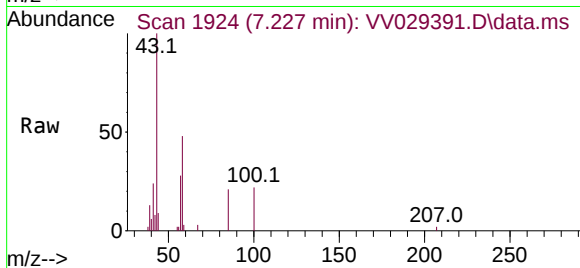
Tgt Ion: 43 Resp: 14063

Ion Ratio Lower Upper

43 100

58 45.5 35.3 52.9

100 0.0 15.3 22.9#



#42

Toluene

Concen: 0.232 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. 0.006 min

Lab File: VV029391.D

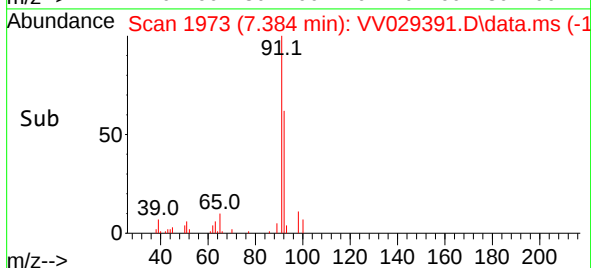
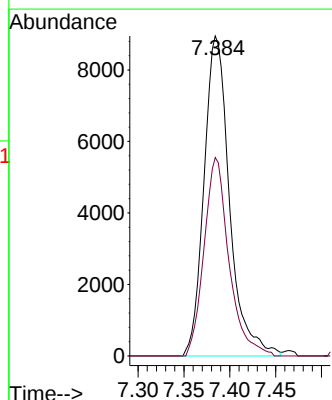
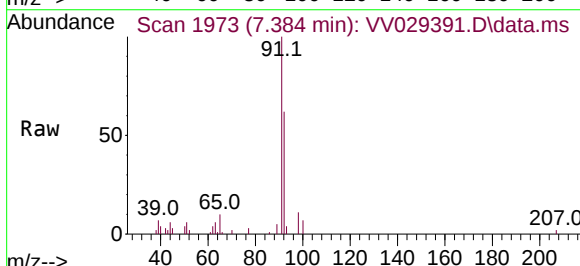
Acq: 02 Dec 2022 14:17

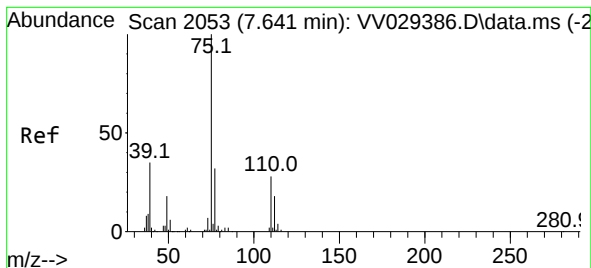
Tgt Ion: 91 Resp: 17318

Ion Ratio Lower Upper

91 100

92 62.0 40.8 75.8





#44

trans-1,3-Dichloropropene

Concen: 0.272 ug/L

RT: 7.648 min Scan# 2053

Delta R.T. 0.006 min

Lab File: VV029391.D

Acq: 02 Dec 2022 14:17

Instrument :

MSVOA_V

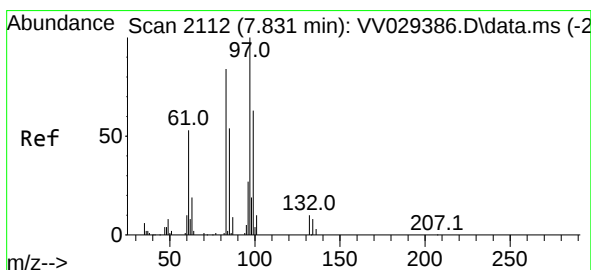
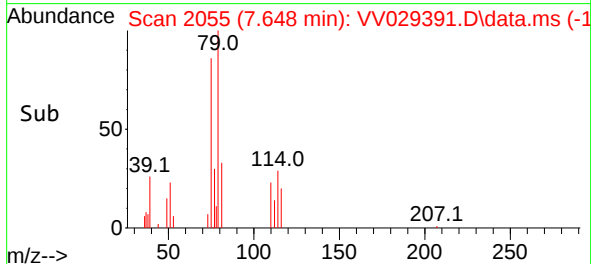
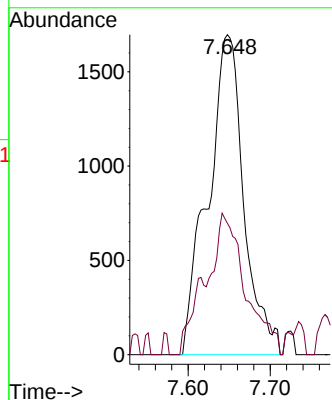
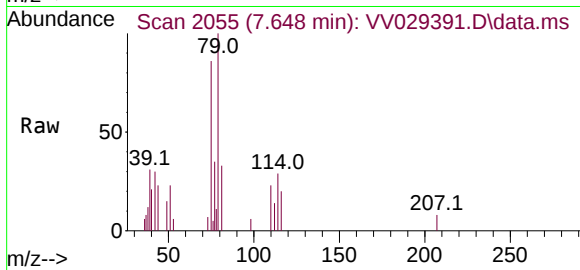
ClientSampleId :

Tgt Ion: 75 Resp: 5162

Ion Ratio Lower Upper

75 100

77 41.1 22.4 41.6



#45

1,1,2-Trichloroethane

Concen: 0.194 ug/L

RT: 7.834 min Scan# 2113

Delta R.T. 0.003 min

Lab File: VV029391.D

Acq: 02 Dec 2022 14:17

Tgt Ion: 97 Resp: 2145

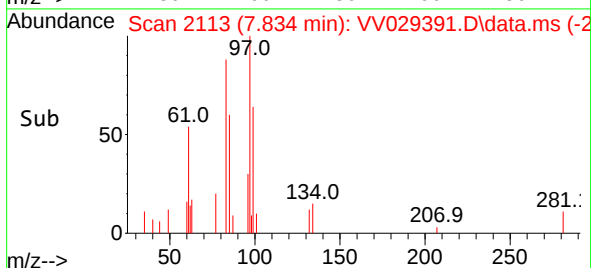
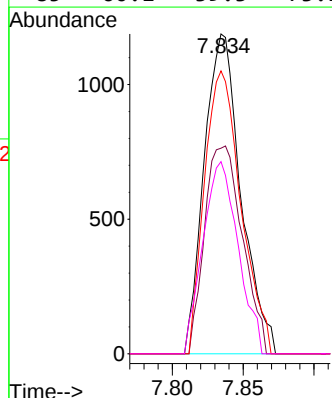
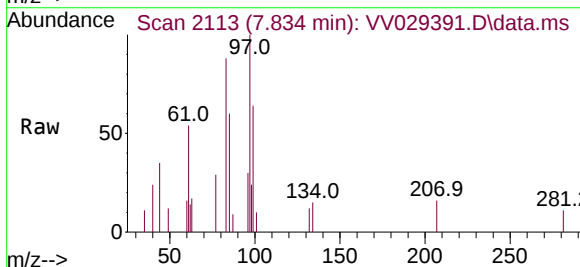
Ion Ratio Lower Upper

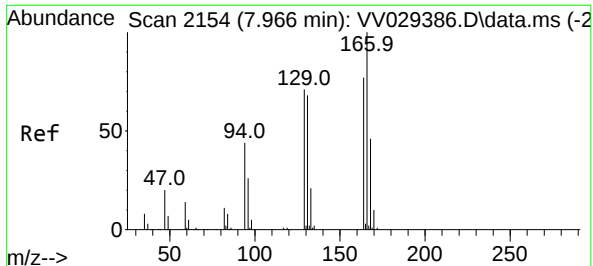
97 100

99 64.3 44.4 82.5

83 88.5 59.5 110.5

85 60.1 39.3 73.1





#47

Tetrachloroethene

Concen: 0.189 ug/L

RT: 7.969 min Scan# 2154

Delta R.T. 0.003 min

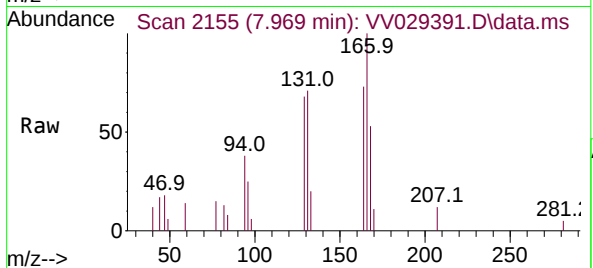
Lab File: VV029391.D

Acq: 02 Dec 2022 14:17

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 2753

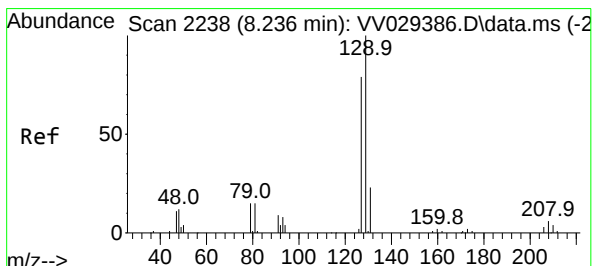
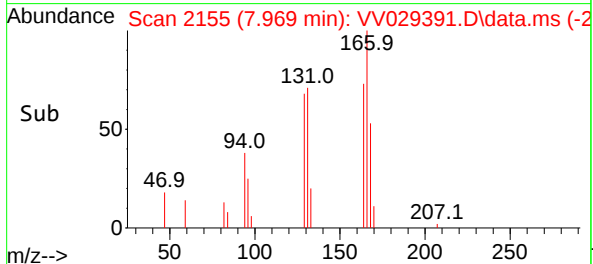
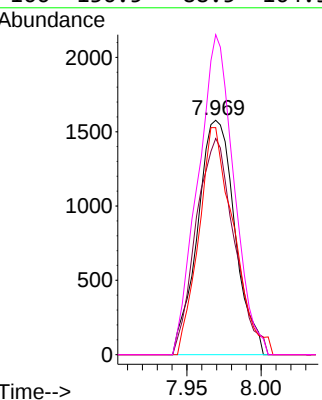
Ion Ratio Lower Upper

164 100

129 92.2 61.7 114.7

131 96.9 62.9 116.9

166 136.5 88.5 164.3



#49

Dibromochloromethane

Concen: 0.194 ug/L

RT: 8.243 min Scan# 2240

Delta R.T. 0.006 min

Lab File: VV029391.D

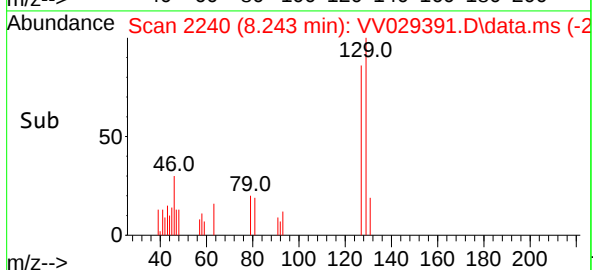
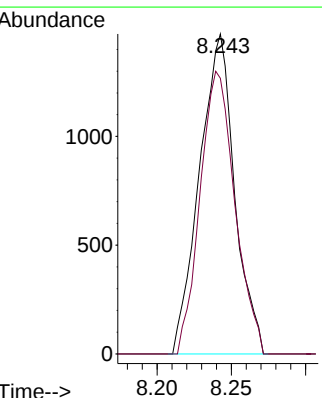
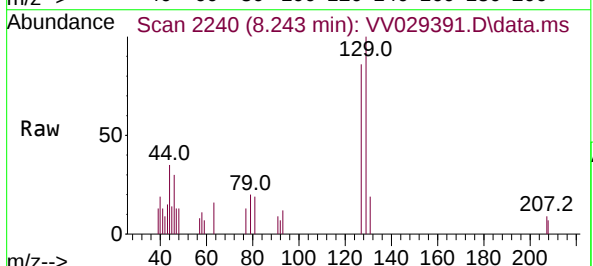
Acq: 02 Dec 2022 14:17

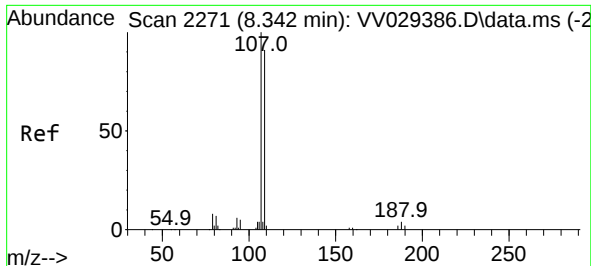
Tgt Ion:129 Resp: 2423

Ion Ratio Lower Upper

129 100

127 86.1 53.1 98.7





#50

1,2-Dibromoethane

Concen: 0.163 ug/L

RT: 8.349 min Scan# 21

Delta R.T. 0.006 min

Lab File: VV029391.D

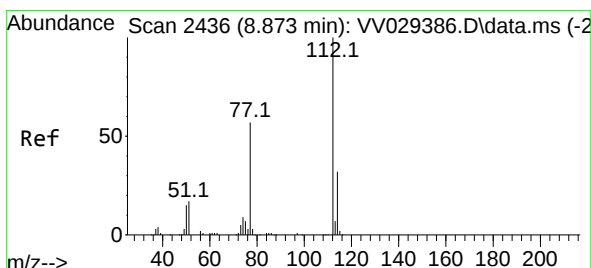
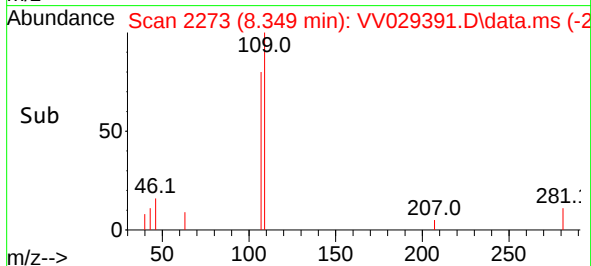
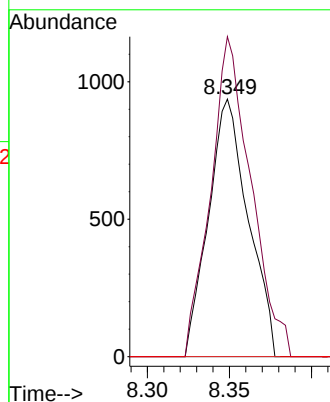
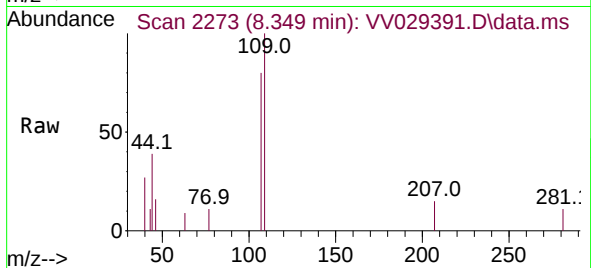
Acq: 02 Dec 2022 14:17

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	1577
Ion	Ratio	Lower	Upper
107	100		
109	124.2	64.0	118.8#
188	0.0	3.0	4.4#



#51

Chlorobenzene

Concen: 0.210 ug/L

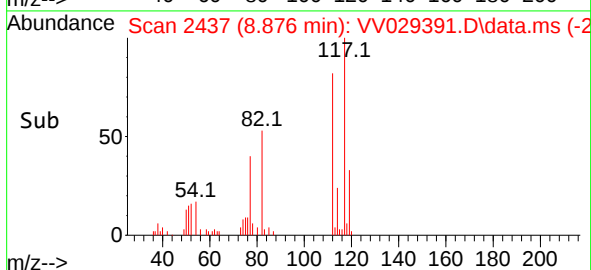
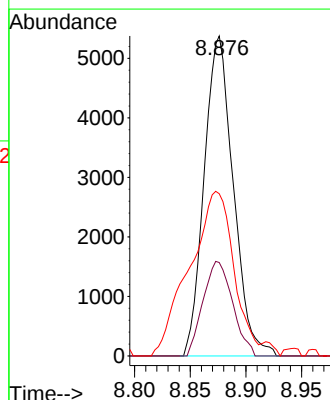
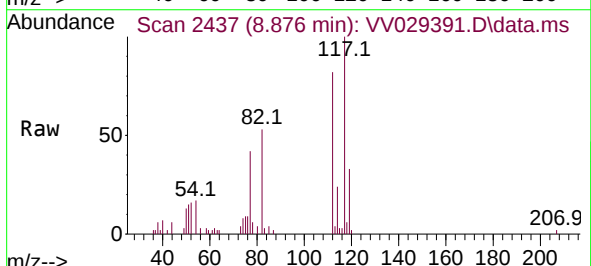
RT: 8.876 min Scan# 2437

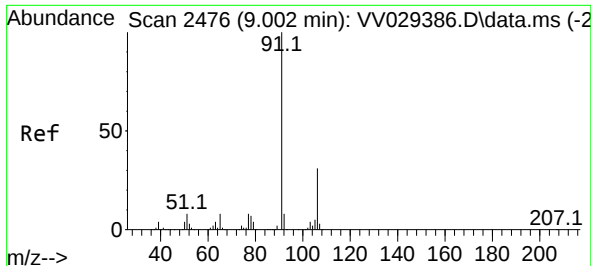
Delta R.T. 0.003 min

Lab File: VV029391.D

Acq: 02 Dec 2022 14:17

Tgt Ion:	112	Resp:	9786
Ion	Ratio	Lower	Upper
112	100		
114	29.2	22.9	42.5
77	50.7	45.3	67.9





#52

Ethylbenzene

Concen: 0.209 ug/L

RT: 9.005 min Scan# 2476

Delta R.T. 0.003 min

Lab File: VV029391.D

Acq: 02 Dec 2022 14:17

Instrument :

MSVOA_V

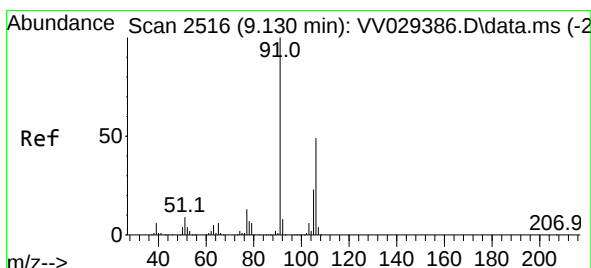
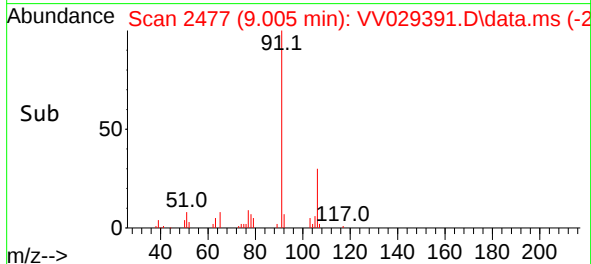
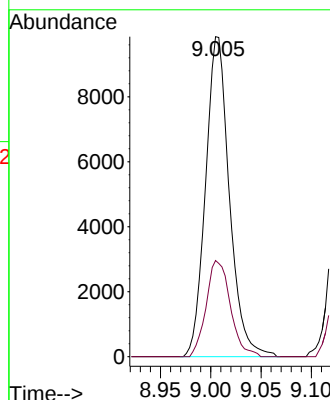
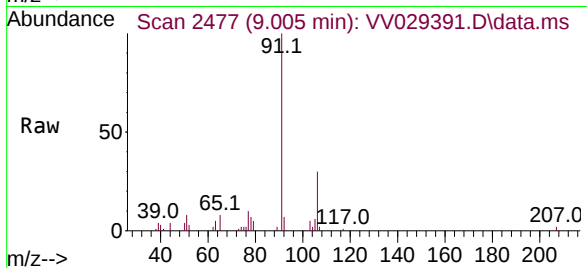
ClientSampleId :

Tgt Ion: 91 Resp: 16223

Ion Ratio Lower Upper

91 100

106 30.1 21.9 40.7



#53

m,p-Xylene

Concen: 0.207 ug/L

RT: 9.133 min Scan# 2517

Delta R.T. 0.003 min

Lab File: VV029391.D

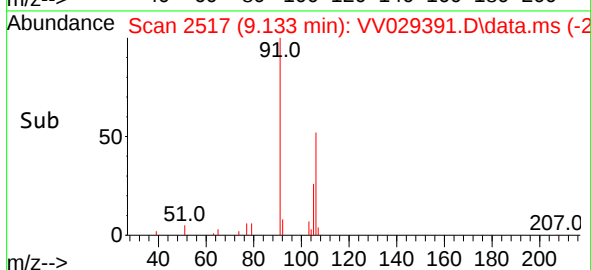
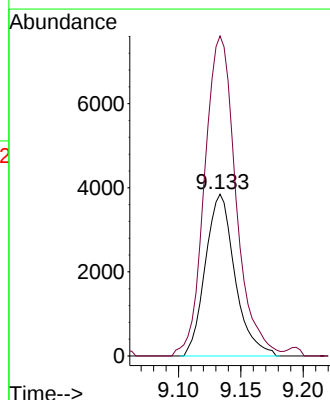
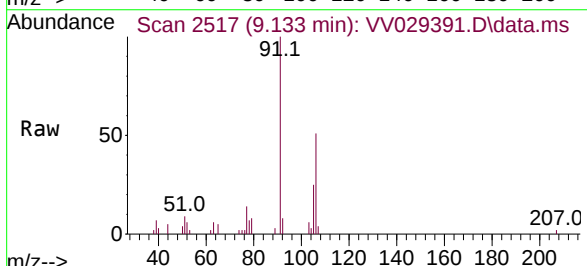
Acq: 02 Dec 2022 14:17

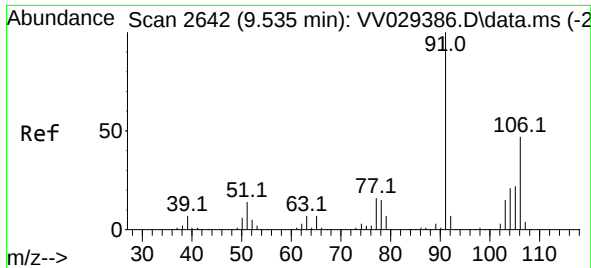
Tgt Ion: 106 Resp: 6357

Ion Ratio Lower Upper

106 100

91 197.8 140.6 261.2

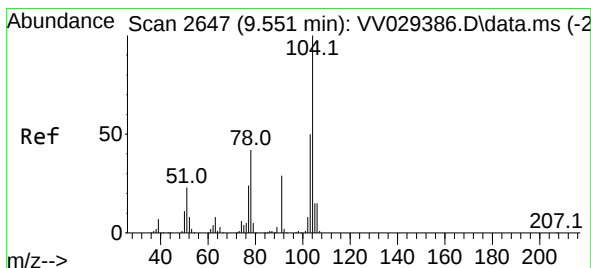
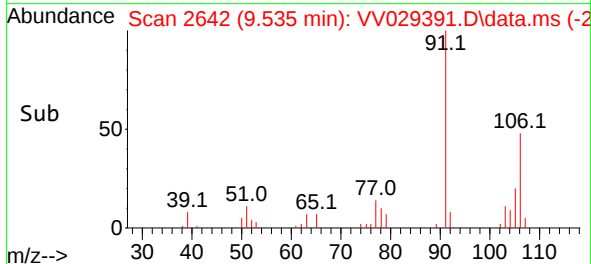
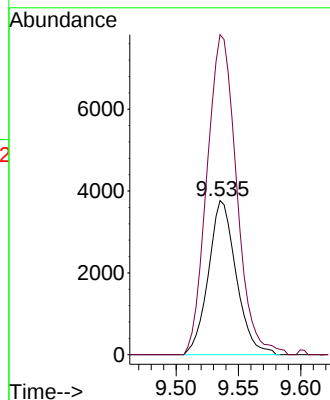
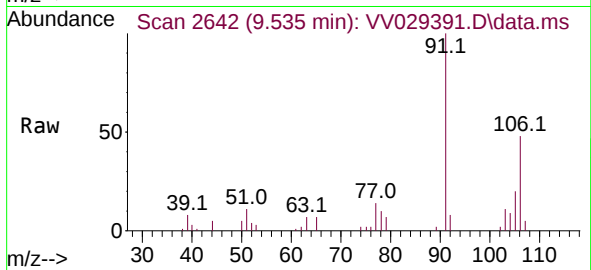




#54
o-Xylene
Concen: 0.194 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. -0.000 min
Lab File: VV029391.D
Acq: 02 Dec 2022 14:17

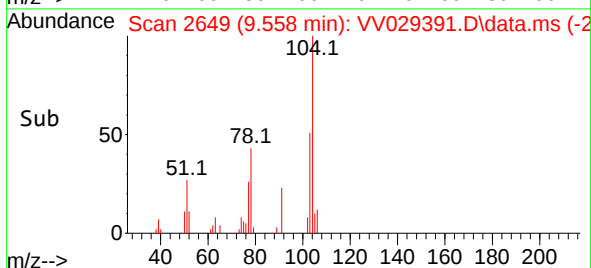
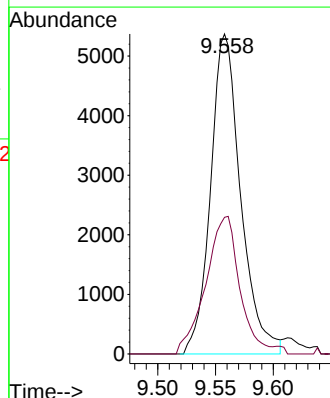
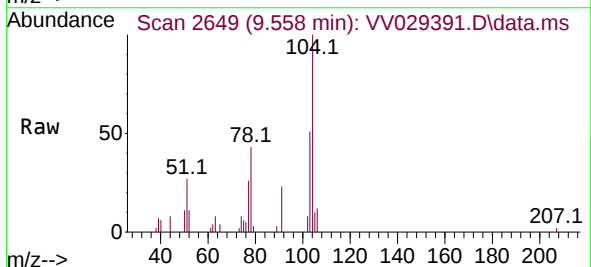
Instrument :
MSVOA_V
ClientSampleId :

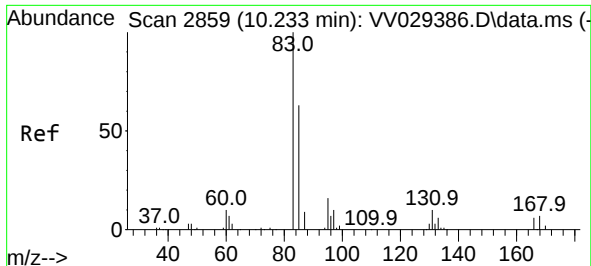
Tgt Ion:106 Resp: 5845
Ion Ratio Lower Upper
106 100
91 207.6 146.9 272.9



#55
Styrene
Concen: 0.192 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.006 min
Lab File: VV029391.D
Acq: 02 Dec 2022 14:17

Tgt Ion:104 Resp: 9741
Ion Ratio Lower Upper
104 100
78 42.7 29.9 55.5





#57

1,1,2,2-Tetrachloroethane

Concen: 0.234 ug/L

RT: 10.233 min Scan# 2859

Delta R.T. -0.000 min

Lab File: VV029391.D

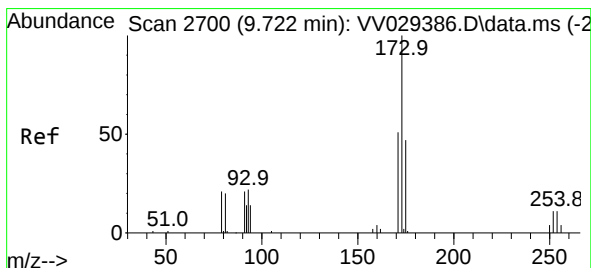
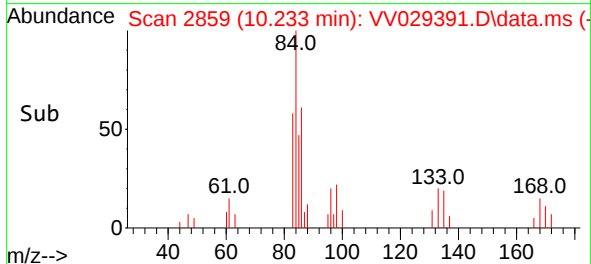
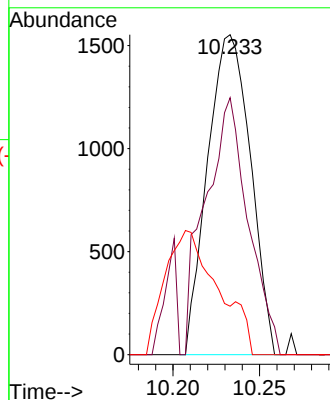
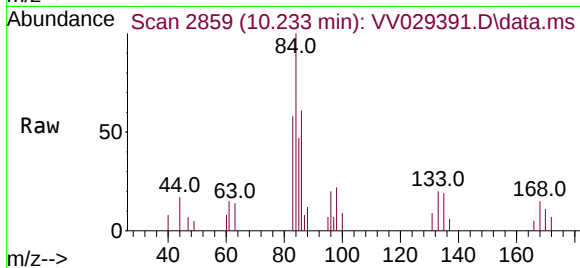
Acq: 02 Dec 2022 14:17

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	2680
Ion	Ratio	Lower	Upper
83	100		
85	80.3	45.5	84.5
131	15.1	8.2	12.2#



#59

Bromoform

Concen: 0.241 ug/L

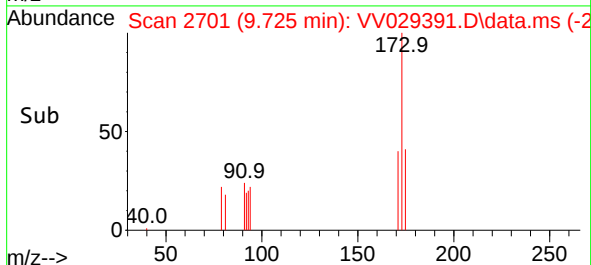
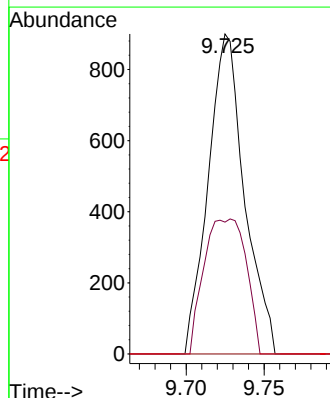
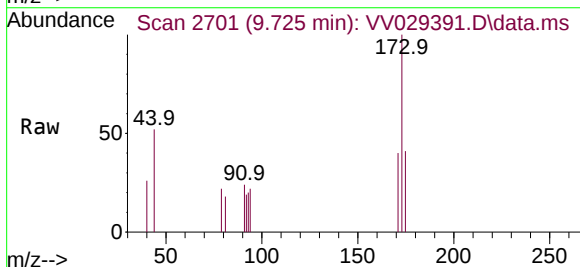
RT: 9.725 min Scan# 2701

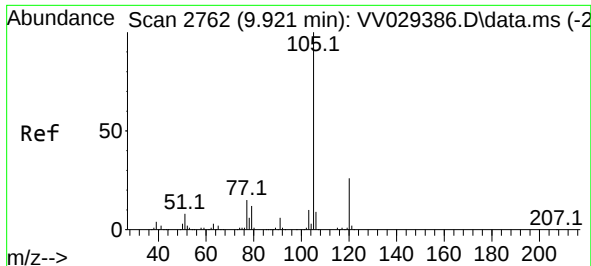
Delta R.T. 0.003 min

Lab File: VV029391.D

Acq: 02 Dec 2022 14:17

Tgt Ion:	173	Resp:	1456
Ion	Ratio	Lower	Upper
173	100		
175	49.1	38.6	58.0
254	0.0	8.3	12.5#

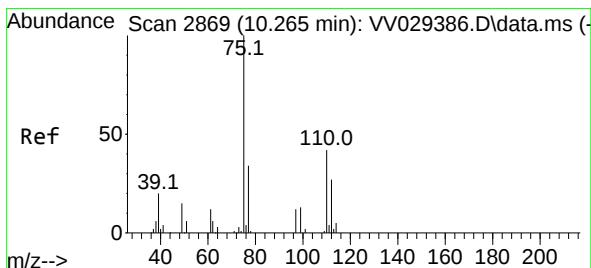
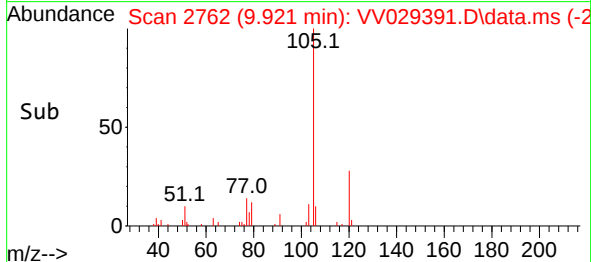
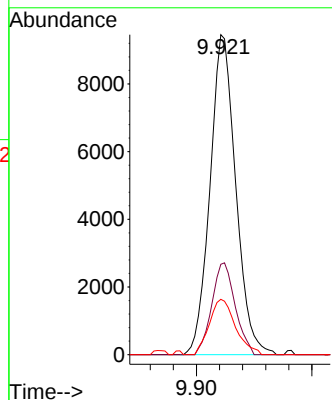
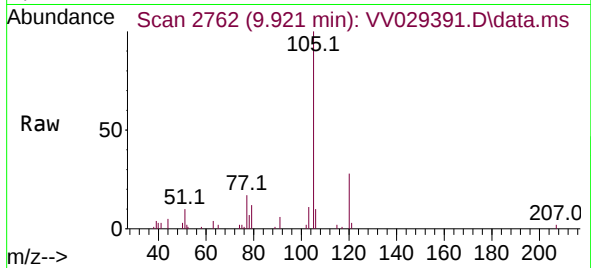




#60
Isopropylbenzene
Concen: 0.197 ug/L
RT: 9.921 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV029391.D
Acq: 02 Dec 2022 14:17

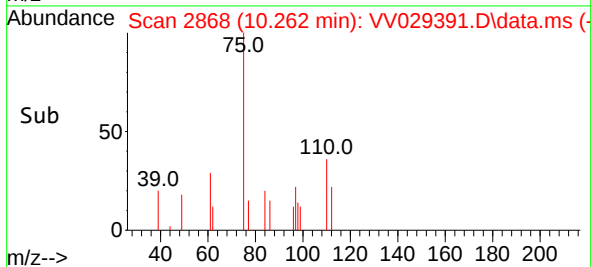
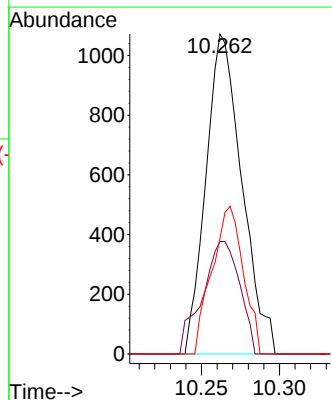
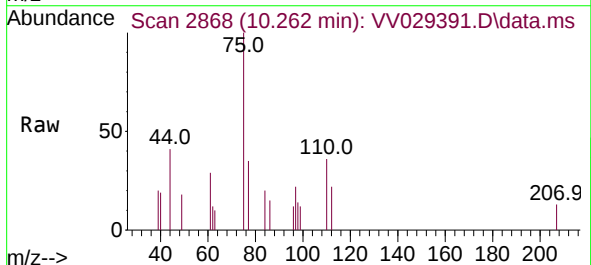
Instrument :
MSVOA_V
ClientSampleId :

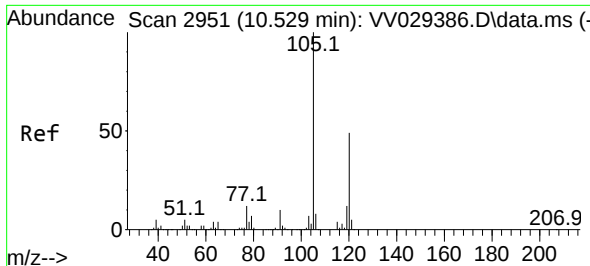
Tgt Ion:	105	Resp:	14631
Ion	Ratio	Lower	Upper
105	100		
120	26.0	21.4	32.2
77	17.6	11.8	17.8



#61
1,2,3-Trichloropropane
Concen: 0.215 ug/L
RT: 10.262 min Scan# 2868
Delta R.T. -0.003 min
Lab File: VV029391.D
Acq: 02 Dec 2022 14:17

Tgt Ion:	75	Resp:	1720
Ion	Ratio	Lower	Upper
75	100		
77	36.5	26.7	40.1
110	40.1	32.2	48.4





#62

1,3,5-Trimethylbenzene

Concen: 0.198 ug/L

RT: 10.529 min Scan# 2951

Delta R.T. -0.000 min

Lab File: VV029391.D

Acq: 02 Dec 2022 14:17

Instrument :

MSVOA_V

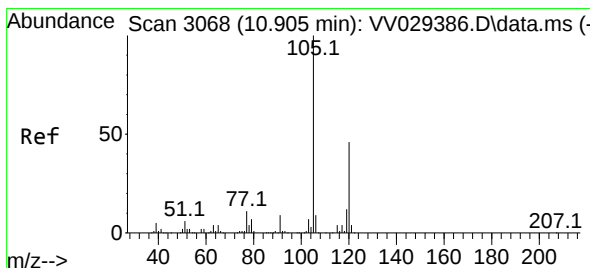
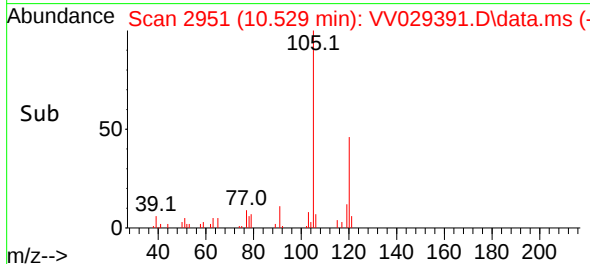
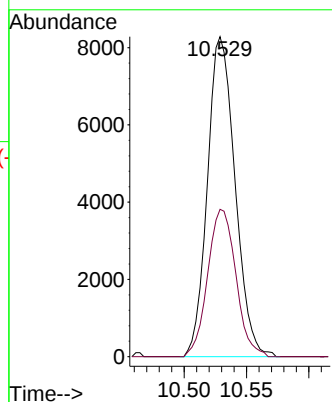
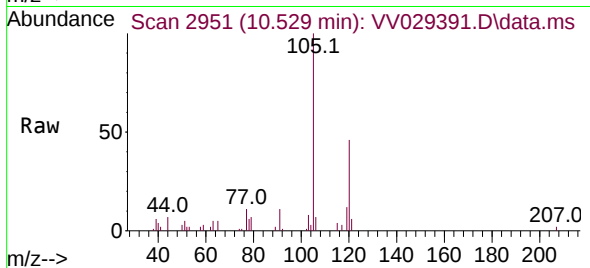
ClientSampleId :

Tgt Ion:105 Resp: 12792

Ion Ratio Lower Upper

105 100

120 46.9 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 0.199 ug/L

RT: 10.905 min Scan# 3068

Delta R.T. -0.000 min

Lab File: VV029391.D

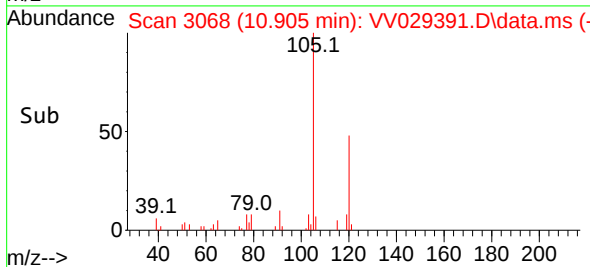
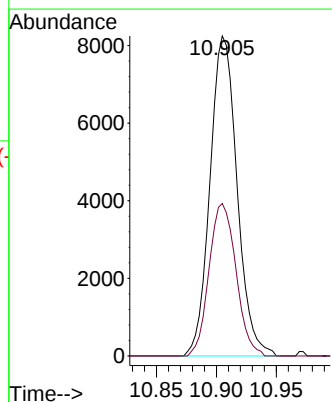
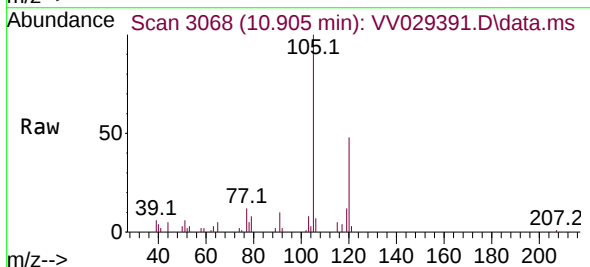
Acq: 02 Dec 2022 14:17

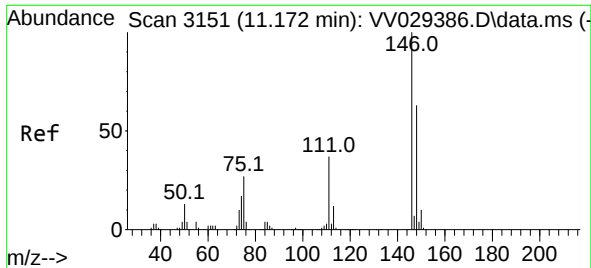
Tgt Ion:105 Resp: 12931

Ion Ratio Lower Upper

105 100

120 47.4 37.2 55.8

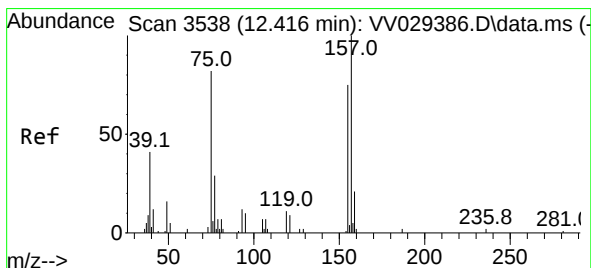
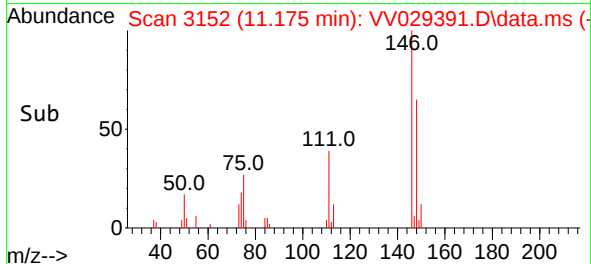
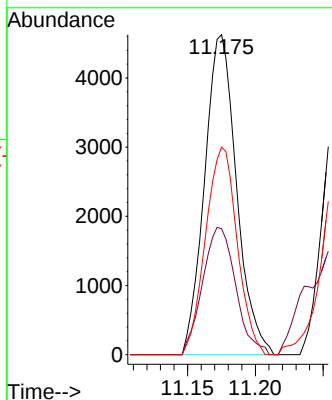
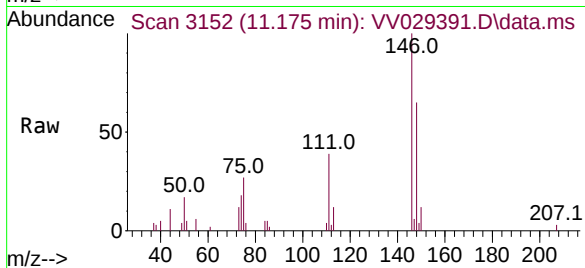




#64
1,3-Dichlorobenzene
Concen: 0.218 ug/L
RT: 11.175 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VV029391.D
Acq: 02 Dec 2022 14:17

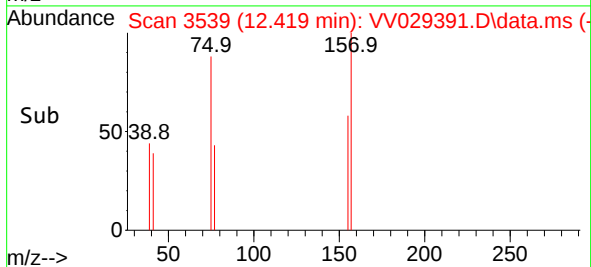
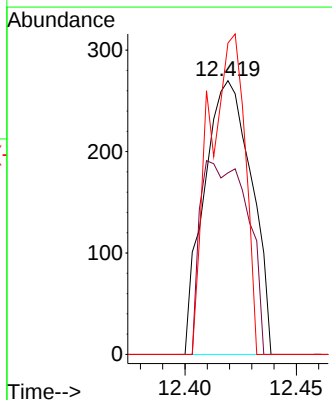
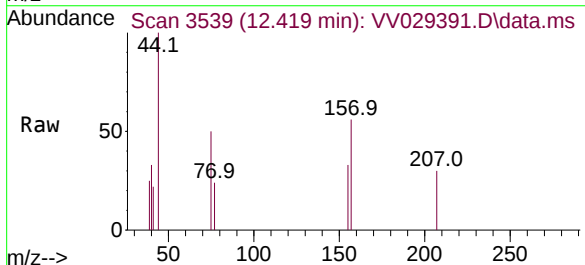
Instrument :
MSVOA_V
ClientSampleId :

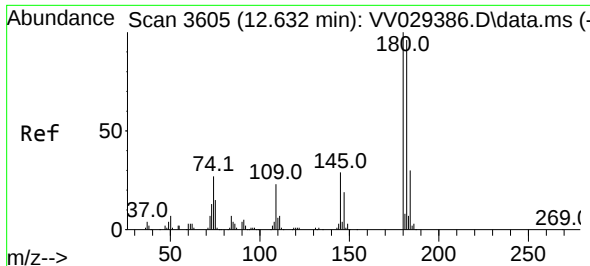
Tgt Ion:146 Resp: 7578
Ion Ratio Lower Upper
146 100
111 39.4 26.3 48.9
148 64.8 44.4 82.4



#68
1,2-Dibromo-3-chloropropane
Concen: 0.254 ug/L
RT: 12.419 min Scan# 3539
Delta R.T. 0.003 min
Lab File: VV029391.D
Acq: 02 Dec 2022 14:17

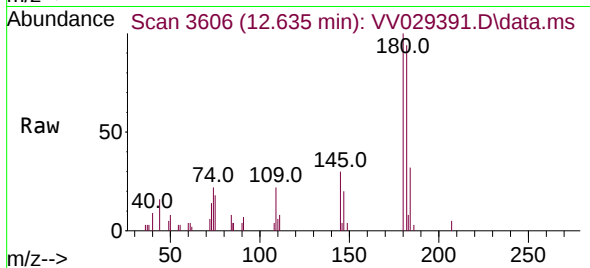
Tgt Ion: 75 Resp: 399
Ion Ratio Lower Upper
75 100
155 66.3 76.6 115.0#
157 113.7 96.9 145.3



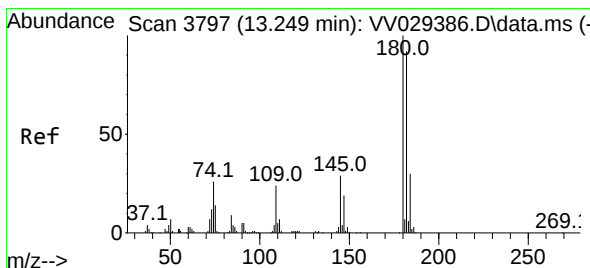
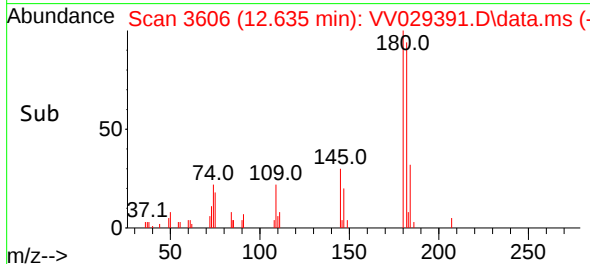
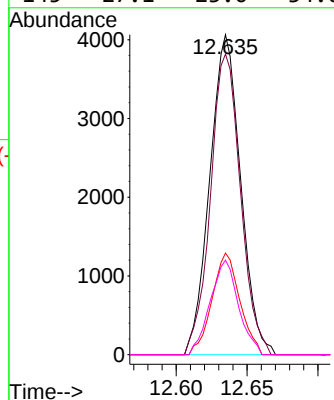


#69
 1,3,5-Trichlorobenzene
 Concen: 0.215 ug/L
 RT: 12.635 min Scan# 3606
 Delta R.T. 0.003 min
 Lab File: VV029391.D
 Acq: 02 Dec 2022 14:17

Instrument :
 MSVOA_V
 ClientSampleId :

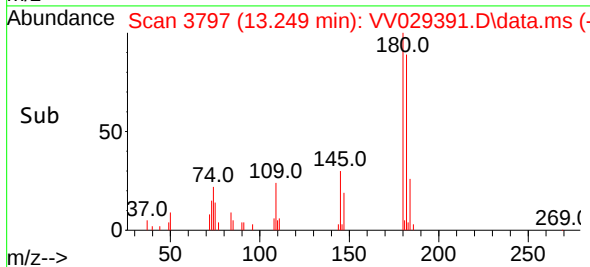
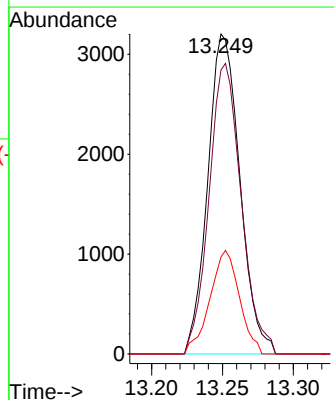
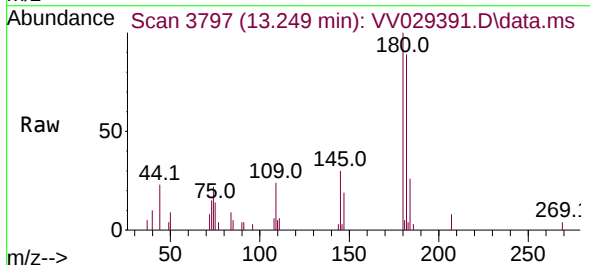


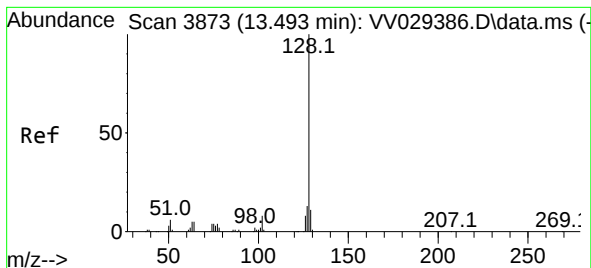
Tgt Ion:180 Resp: 6142
 Ion Ratio Lower Upper
 180 100
 182 91.7 77.0 115.6
 184 28.7 24.4 36.6
 145 27.1 23.0 34.6



#70
 1,2,4-trichlorobenzene
 Concen: 0.218 ug/L
 RT: 13.249 min Scan# 3797
 Delta R.T. -0.000 min
 Lab File: VV029391.D
 Acq: 02 Dec 2022 14:17

Tgt Ion:180 Resp: 5047
 Ion Ratio Lower Upper
 180 100
 182 91.0 76.2 114.4
 145 29.8 23.4 35.0





#71

Naphthalene

Concen: 0.262 ug/L

RT: 13.496 min Scan# 3873

Delta R.T. 0.003 min

Lab File: VV029391.D

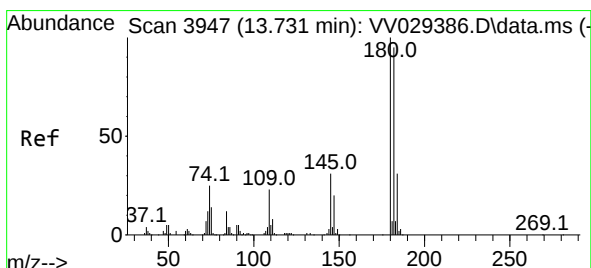
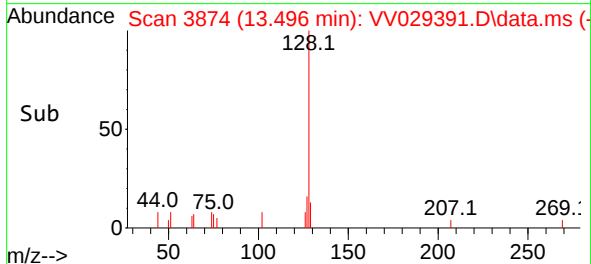
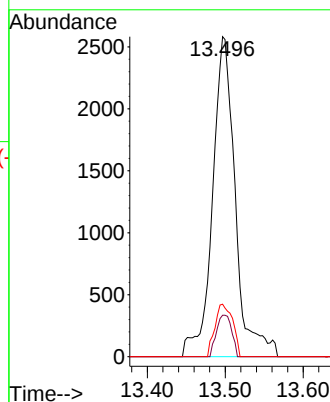
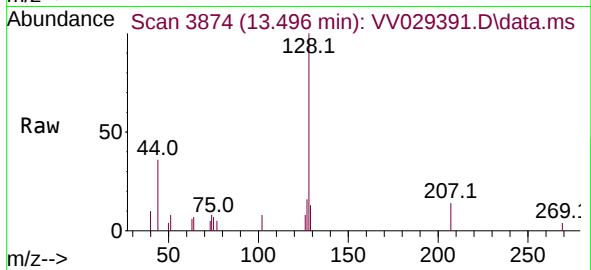
Acq: 02 Dec 2022 14:17

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	128	Resp:	5249
Ion	Ratio	Lower	Upper
128	100		
129	8.6	8.9	13.3#
127	12.8	10.6	15.8



#72

1,2,3-Trichlorobenzene

Concen: 0.220 ug/L

RT: 13.731 min Scan# 3947

Delta R.T. -0.000 min

Lab File: VV029391.D

Acq: 02 Dec 2022 14:17

Tgt Ion:	180	Resp:	4157
Ion	Ratio	Lower	Upper
180	100		
182	88.7	75.0	112.4
145	25.8	25.2	37.8

