

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120722\
 Data File : VW029411.D
 Acq On : 07 Dec 2022 11:58
 Operator : SY/MD
 Sample : VSTD01077
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010277

Quant Time: Dec 08 00:31:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 08 00:30:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	533121	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	485952	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	242819	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	30305	9.201	ug/L	0.00
7) Chloroethane-d5	1.558	69	24350	9.064	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	48678	8.412	ug/L	0.00
21) 2-Butanone-d5	3.879	46	38673	14.495	ug/L	0.01
24) Chloroform-d	4.339	84	59968	8.729	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.027	65	34326	8.403	ug/L	0.00
32) Benzene-d6	5.043	84	125042	9.282	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.063	67	39418	9.278	ug/L	0.00
41) Toluene-d8	7.310	98	115347	9.219	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.616	79	18512	8.823	ug/L	0.00
47) 2-Hexanone-d5	8.085	63	31004	16.982	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.207	84	55081	9.751	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.615	152	45693	9.292	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	36589	9.890	ug/L	99
3) Chloromethane	1.240	50	44220	11.750	ug/L	99
5) Vinyl chloride	1.307	62	34728	9.506	ug/L	96
6) Bromomethane	1.507	94	17550	9.349	ug/L	93
8) Chloroethane	1.574	64	20501	9.359	ug/L	94
9) Trichlorofluoromethane	1.748	101	43987	8.550	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	23789	8.226	ug/L	96
12) 1,1-Dichloroethene	2.114	96	25304	9.335	ug/L	98
13) Acetone	2.156	43	23615	13.212	ug/L	98
14) Carbon disulfide	2.288	76	85095	11.134	ug/L	98
15) Methyl Acetate	2.426	43	27105	7.291	ug/L	99
16) Methylene chloride	2.500	84	32227	8.876	ug/L	99
17) trans-1,2-Dichloroethene	2.754	96	29113	9.155	ug/L	96
18) Methyl tert-butyl Ether	2.764	73	89415	8.198	ug/L	99
19) 1,1-Dichloroethane	3.182	63	51688	8.556	ug/L	100
20) cis-1,2-Dichloroethene	3.905	96	32417	8.735	ug/L	96
22) 2-Butanone	3.963	43	34349	13.230	ug/L	99
23) Bromochloromethane	4.240	128	16859	8.504	ug/L	98
25) Chloroform	4.365	83	53103	8.352	ug/L	98
27) 1,2-Dichloroethane	5.124	62	36774	8.233	ug/L	98
29) Cyclohexane	4.667	56	46349	9.368	ug/L	99
30) 1,1,1-Trichloroethane	4.600	97	47816	8.805	ug/L	98
31) Carbon tetrachloride	4.818	117	41333	8.777	ug/L	99
33) Benzene	5.092	78	122536	9.310	ug/L	100
34) Trichloroethene	5.908	95	30641	8.367	ug/L	98
35) Methylcyclohexane	6.124	83	47860	9.176	ug/L	98
37) 1,2-Dichloropropane	6.169	63	30577	8.834	ug/L	100
38) Bromodichloromethane	6.503	83	41000	8.710	ug/L	97
39) cis-1,3-Dichloropropene	7.021	75	47890	8.740	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	69759	14.458	ug/L	99
42) Toluene	7.381	91	130139	9.158	ug/L	99
44) trans-1,3-Dichloropropene	7.645	75	45009	8.603	ug/L	98

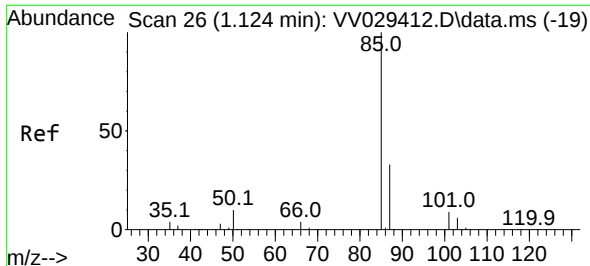
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120722\
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 08 00:30:51 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.831	97	30643	8.726	ug/L	99
46) Tetrachloroethene	7.966	164	24382	8.849	ug/L	99
48) 2-Hexanone	8.136	43	52329	14.096	ug/L	97
49) Dibromochloromethane	8.239	129	33919	8.521	ug/L	99
50) 1,2-Dibromoethane	8.345	107	31785	8.567	ug/L	98
51) Chlorobenzene	8.873	112	82812	8.799	ug/L	97
52) Ethylbenzene	9.005	91	134583	8.753	ug/L	97
53) m,p-Xylene	9.130	106	52467	8.739	ug/L	99
54) o-Xylene	9.535	106	53536	8.918	ug/L	98
55) Styrene	9.551	104	90514	8.940	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.233	83	48430	9.123	ug/L	98
59) Bromoform	9.722	173	26224	9.448	ug/L	99
60) Isopropylbenzene	9.921	105	131794	8.811	ug/L	99
61) 1,2,3-Trichloropropane	10.265	75	35678	8.482	ug/L	98
62) 1,3,5-Trimethylbenzene	10.529	105	113161	8.883	ug/L	98
63) 1,2,4-Trimethylbenzene	10.905	105	110641	8.559	ug/L	99
64) 1,3-Dichlorobenzene	11.172	146	62290	8.652	ug/L	100
65) 1,4-Dichlorobenzene	11.262	146	63761	8.799	ug/L	99
67) 1,2-Dichlorobenzene	11.632	146	65079	8.857	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.416	75	11072	9.785	ug/L	91
69) 1,3,5-Trichlorobenzene	12.631	180	47092	8.676	ug/L	100
70) 1,2,4-trichlorobenzene	13.249	180	41264	8.951	ug/L	98
71) Naphthalene	13.493	128	78091	6.206	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	41639	9.111	ug/L	99

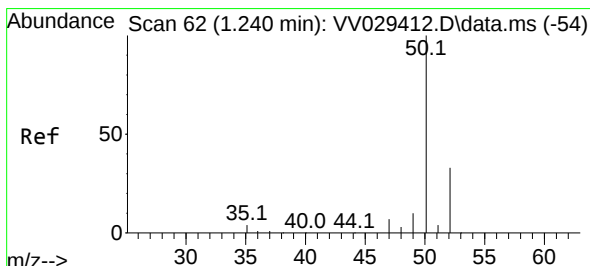
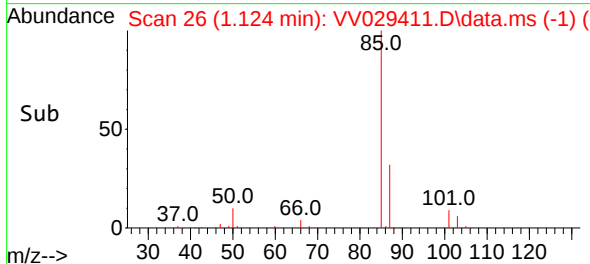
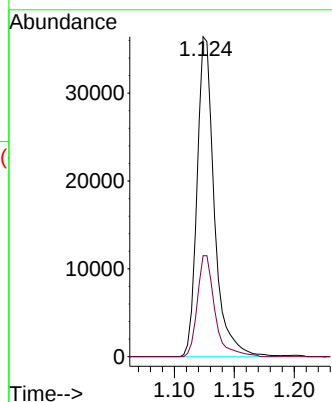
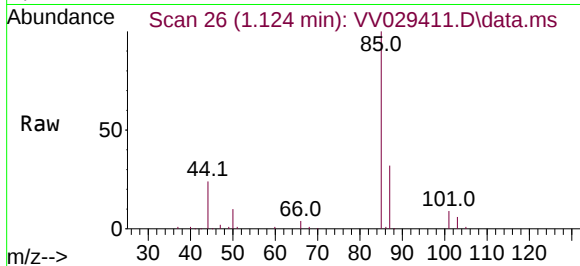
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#2
 Dichlorodifluoromethane
 Concen: 9.890 ug/L
 RT: 1.124 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV029411.D
 Acq: 07 Dec 2022 11:58

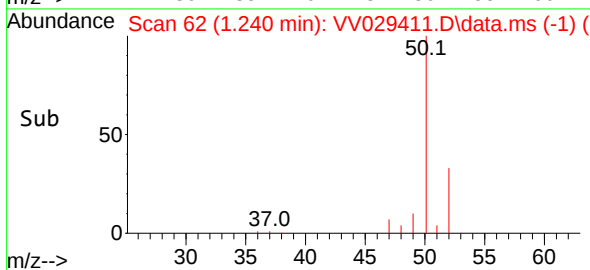
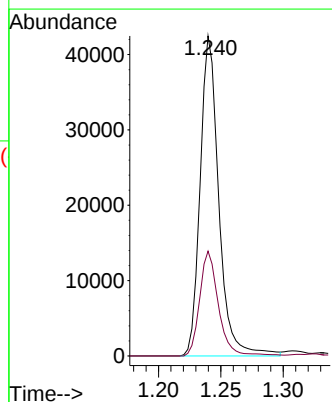
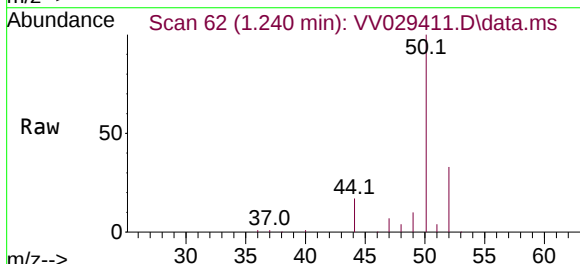
Instrument :
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 ClientSampleId :
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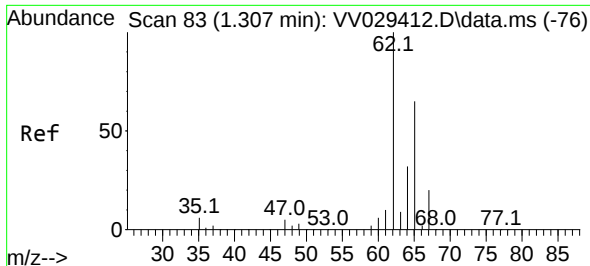
Tgt Ion: 85 Resp: 36589
 Ion Ratio Lower Upper
 85 100
 87 32.0 25.9 38.9



#3
 Chloromethane
 Concen: 11.750 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV029411.D
 Acq: 07 Dec 2022 11:58

Tgt Ion: 50 Resp: 44220
 Ion Ratio Lower Upper
 50 100
 52 32.8 23.3 43.3

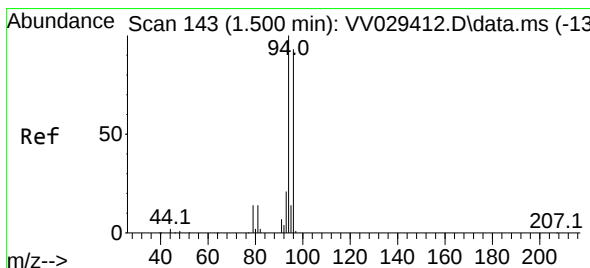
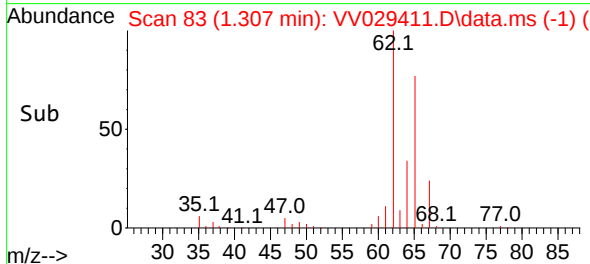
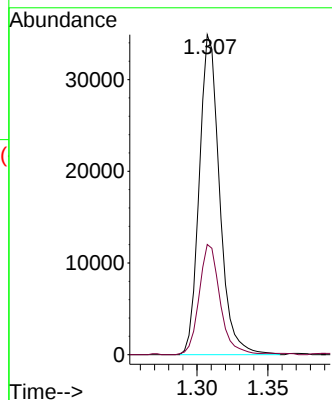
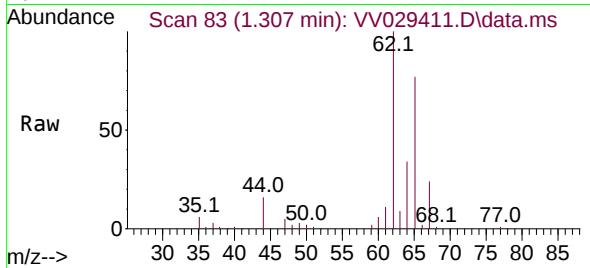




#5
 Vinyl chloride
 Concen: 9.506 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV029411.D
 Acq: 07 Dec 2022 11:58

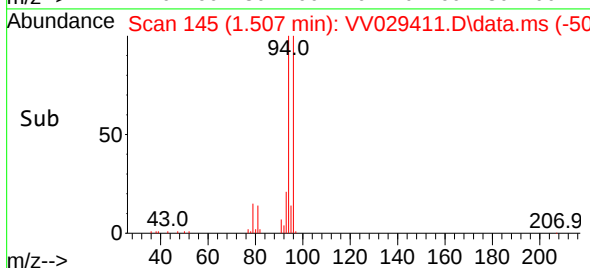
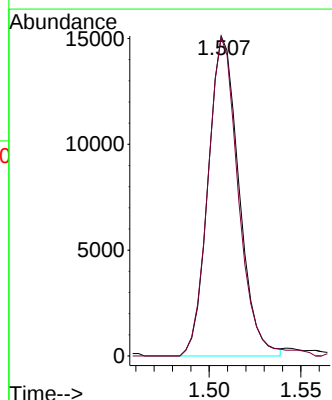
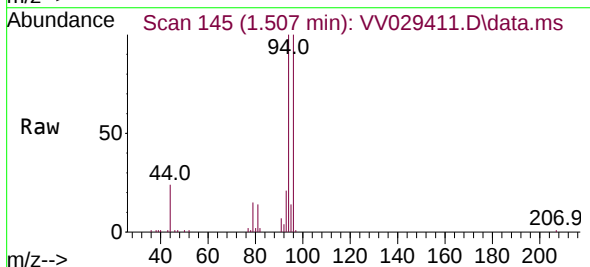
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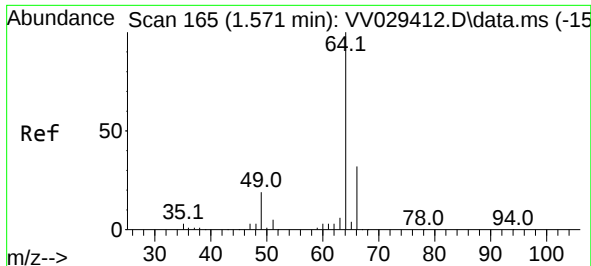
Tgt Ion: 62 Resp: 34728
 Ion Ratio Lower Upper
 62 100
 64 34.4 22.5 41.9



#6
 Bromomethane
 Concen: 9.349 ug/L
 RT: 1.507 min Scan# 145
 Delta R.T. 0.007 min
 Lab File: VV029411.D
 Acq: 07 Dec 2022 11:58

Tgt Ion: 94 Resp: 17550
 Ion Ratio Lower Upper
 94 100
 96 99.6 65.1 120.9





#8

Chloroethane

Concen: 9.359 ug/L

RT: 1.574 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV029411.D

Acq: 07 Dec 2022 11:58

Instrument :

MSVOA_V

ClientSampleId :

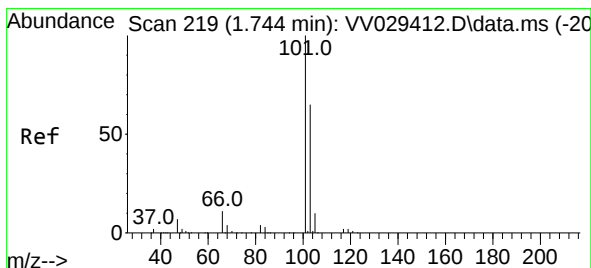
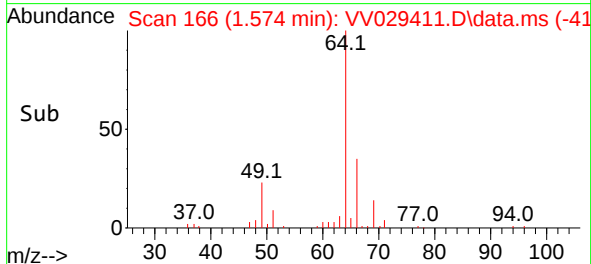
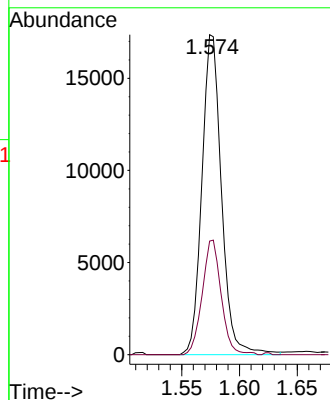
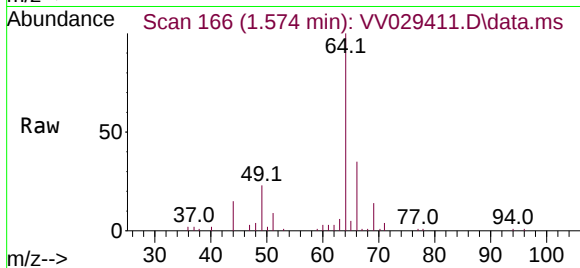
VSTD010277

Tgt Ion: 64 Resp: 20501

Ion Ratio Lower Upper

64 100

66 35.5 22.5 41.9



#9

Trichlorofluoromethane

Concen: 8.550 ug/L

RT: 1.748 min Scan# 220

Delta R.T. 0.003 min

Lab File: VV029411.D

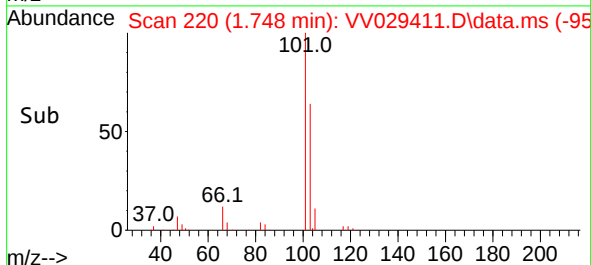
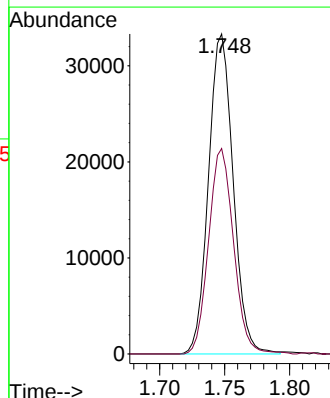
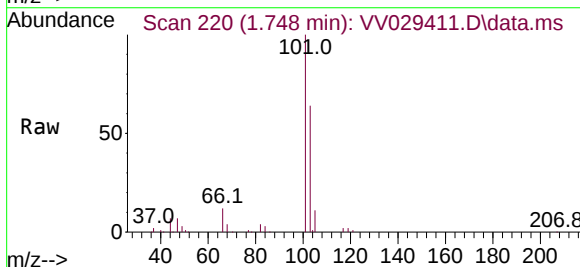
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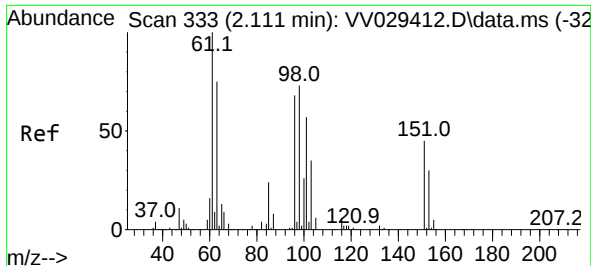
Tgt Ion: 101 Resp: 43987

Ion Ratio Lower Upper

101 100

103 65.0 51.8 77.8

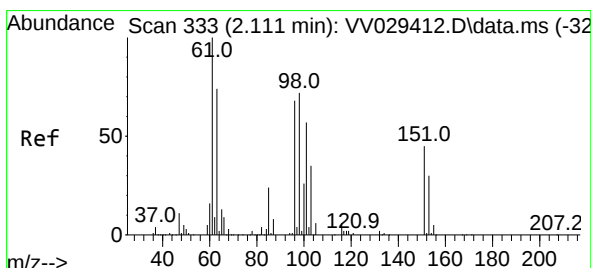
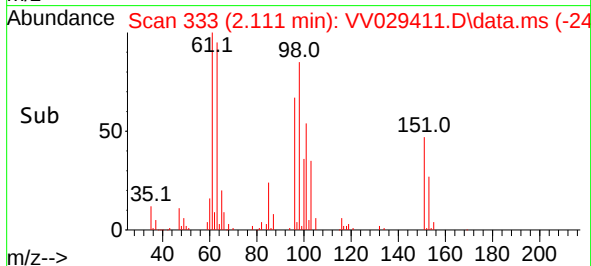
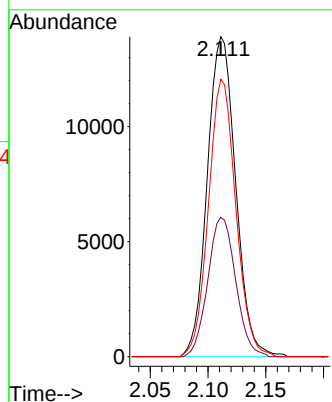
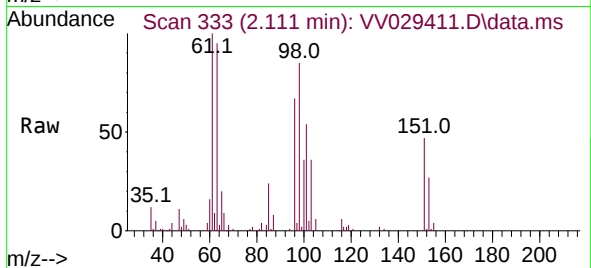




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 8.226 ug/L
 RT: 2.111 min Scan# 311
 Delta R.T. 0.000 min
 Lab File: VV029411.D
 Acq: 07 Dec 2022 11:58

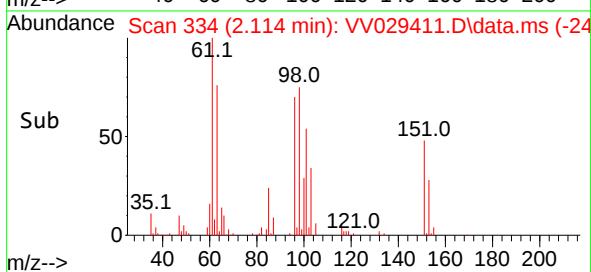
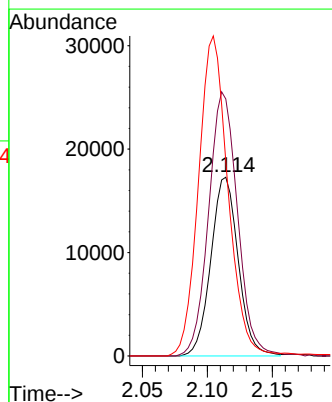
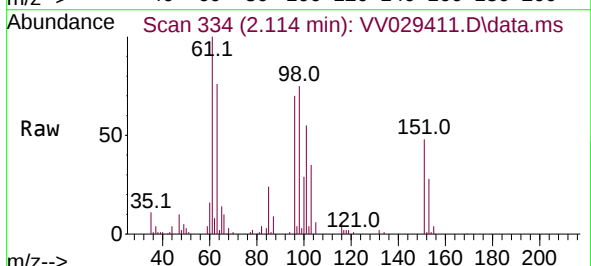
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010277

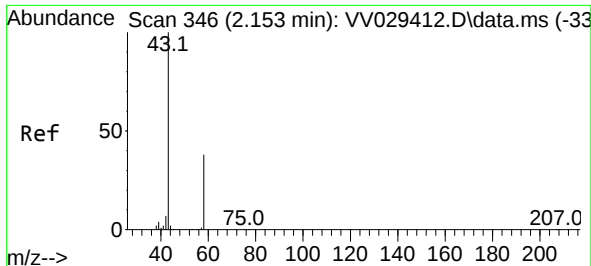
Tgt Ion:101 Resp: 23789
 Ion Ratio Lower Upper
 101 100
 85 42.7 33.6 50.4
 151 83.7 63.5 95.3



#12
 1,1-Dichloroethene
 Concen: 9.335 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.003 min
 Lab File: VV029411.D
 Acq: 07 Dec 2022 11:58

Tgt Ion: 96 Resp: 25304
 Ion Ratio Lower Upper
 96 100
 61 143.7 103.3 191.9
 63 108.7 77.3 143.7





#13

Acetone

Concen: 13.212 ug/L

RT: 2.156 min Scan# 34

Delta R.T. 0.003 min

Lab File: VV029411.D

Acq: 07 Dec 2022 11:58

Instrument :

MSVOA_V

ClientSampleId :

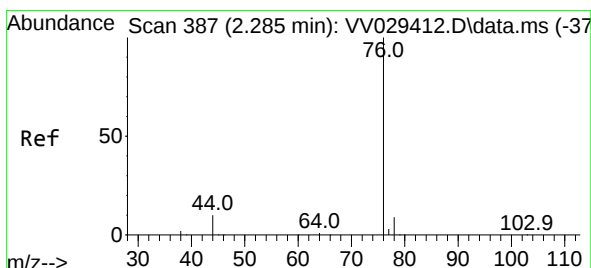
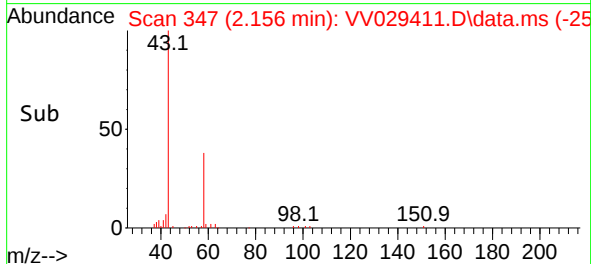
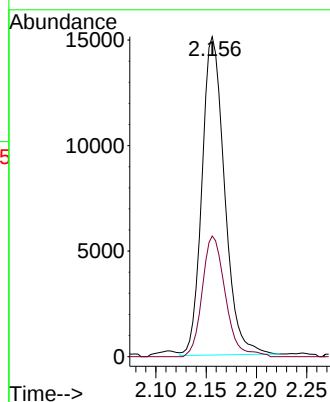
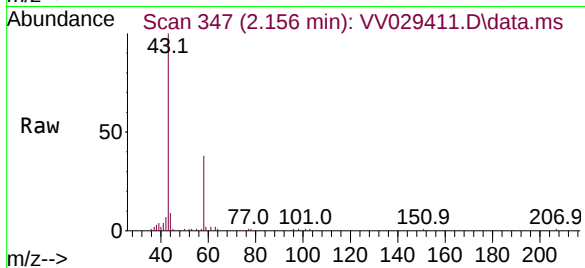
VSTD010277

Tgt Ion: 43 Resp: 23615

Ion Ratio Lower Upper

43 100

58 38.7 0.0 74.8



#14

Carbon disulfide

Concen: 11.134 ug/L

RT: 2.288 min Scan# 388

Delta R.T. 0.003 min

Lab File: VV029411.D

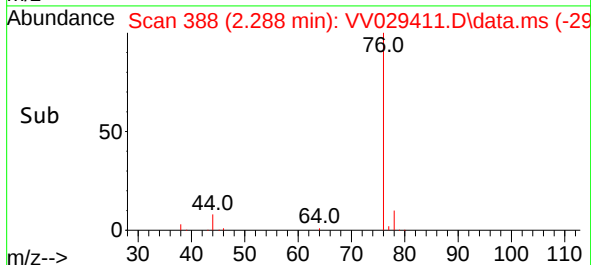
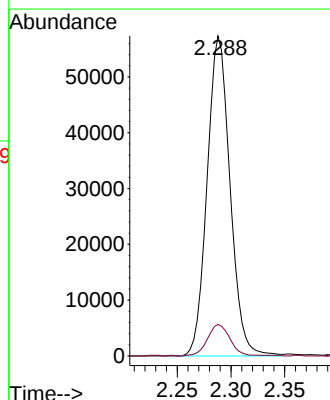
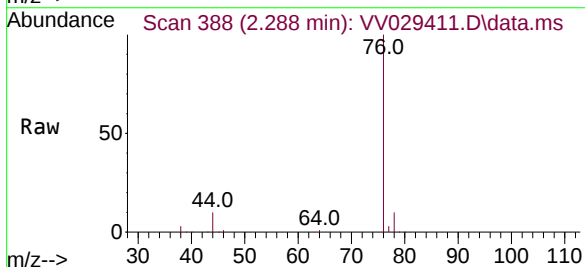
Acq: 07 Dec 2022 11:58

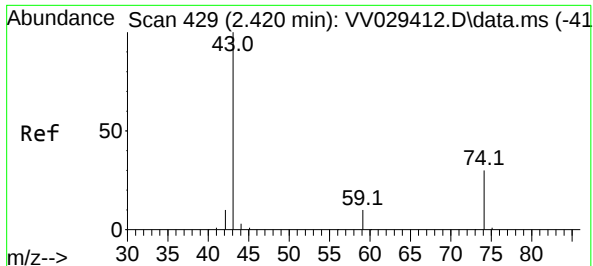
Tgt Ion: 76 Resp: 85095

Ion Ratio Lower Upper

76 100

78 9.9 7.4 11.2

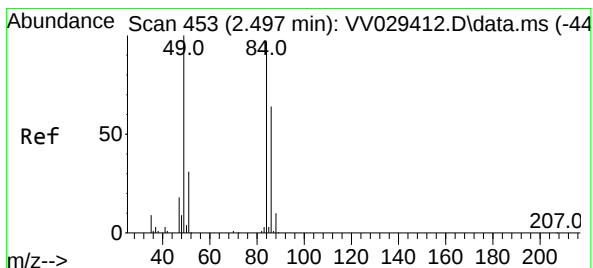
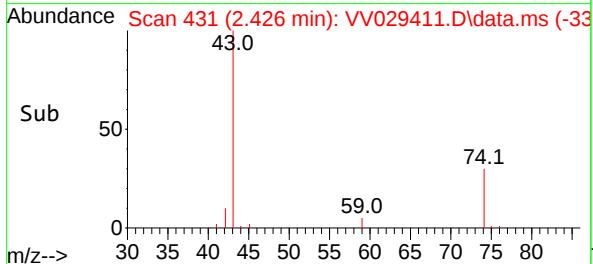
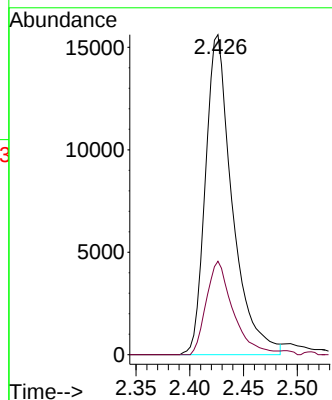
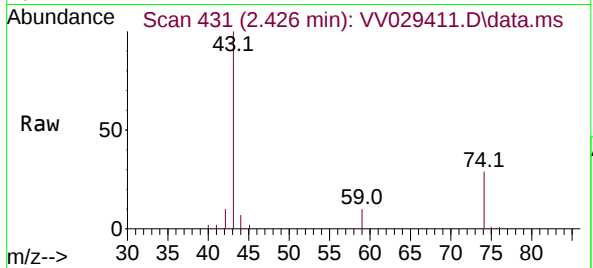




#15
Methyl Acetate
Concen: 7.291 ug/L
RT: 2.426 min Scan# 41
Delta R.T. 0.007 min
Lab File: VV029411.D
Acq: 07 Dec 2022 11:58

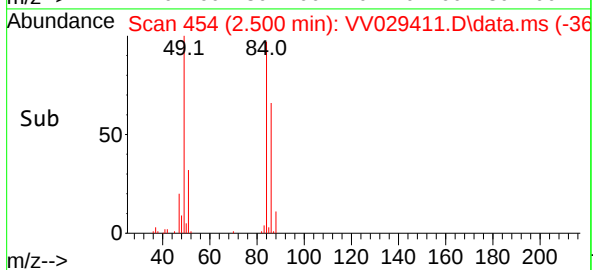
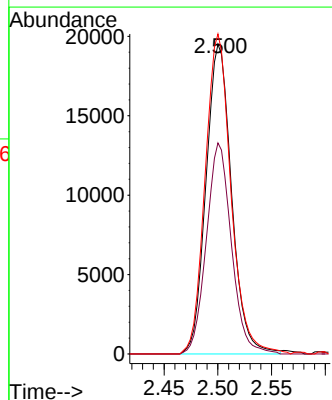
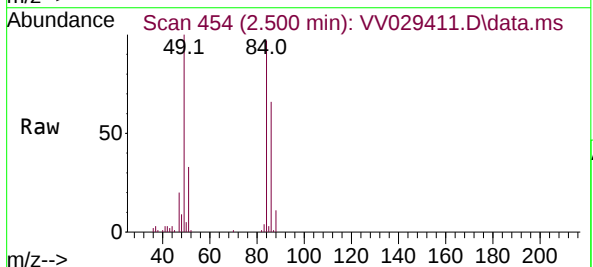
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VSTD010277

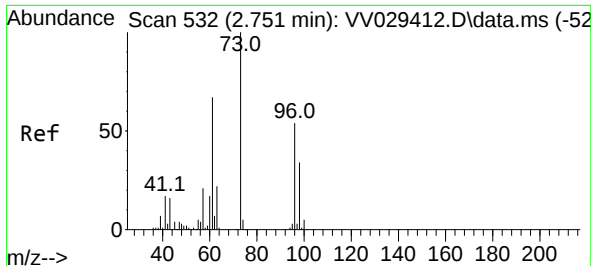
Tgt Ion: 43 Resp: 27105
Ion Ratio Lower Upper
43 100
74 28.9 23.5 35.3



#16
Methylene chloride
Concen: 8.876 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.003 min
Lab File: VV029411.D
Acq: 07 Dec 2022 11:58

Tgt Ion: 84 Resp: 32227
Ion Ratio Lower Upper
84 100
86 68.1 46.0 85.4
49 103.3 72.2 134.0

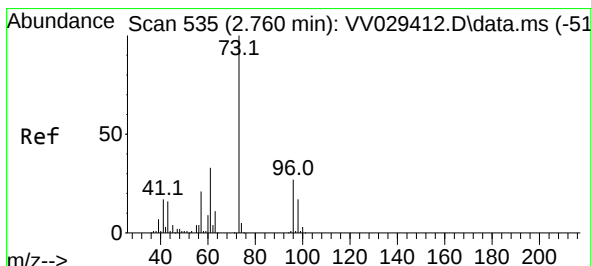
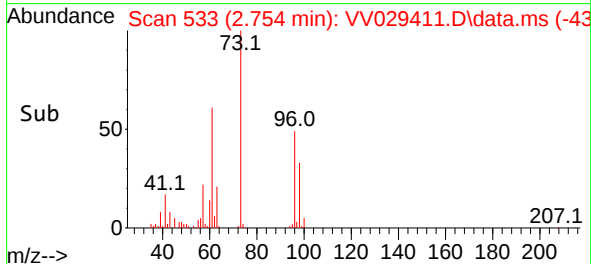
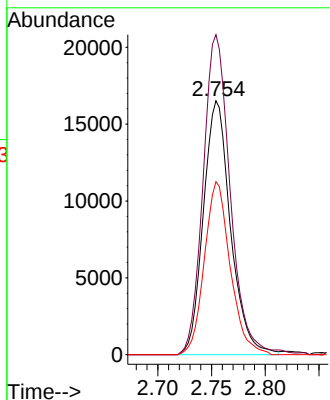
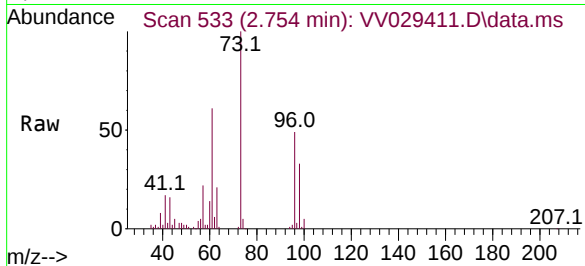




#17
trans-1,2-Dichloroethene
Concen: 9.155 ug/L
RT: 2.754 min Scan# 511
Delta R.T. 0.003 min
Lab File: VV029411.D
Acq: 07 Dec 2022 11:58

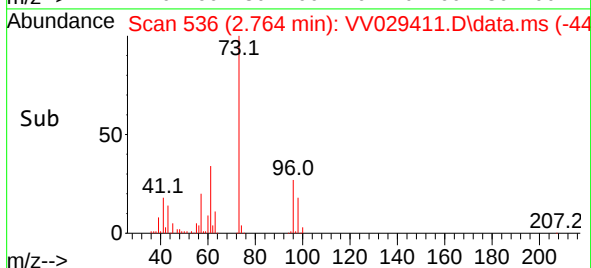
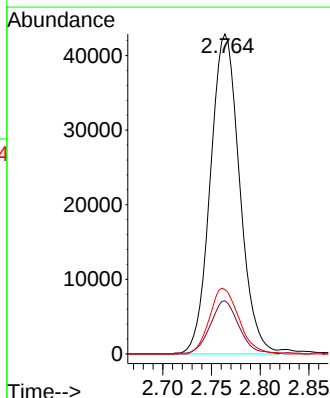
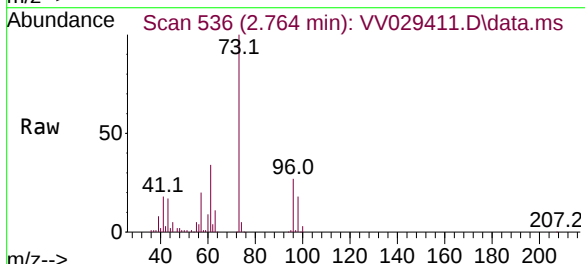
Instrument :
MSVOA_V
ClientSampleId :
VSTD010277

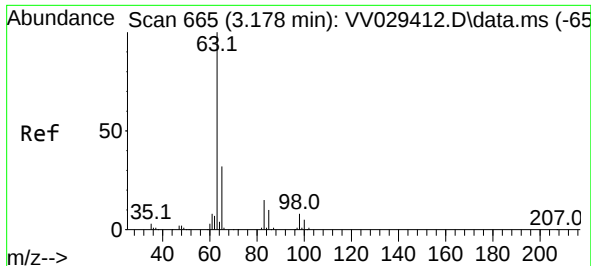
Tgt Ion: 96 Resp: 29113
Ion Ratio Lower Upper
96 100
61 126.1 86.4 160.4
98 68.1 43.4 80.6



#18
Methyl tert-butyl Ether
Concen: 8.198 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV029411.D
Acq: 07 Dec 2022 11:58

Tgt Ion: 73 Resp: 89415
Ion Ratio Lower Upper
73 100
43 16.3 12.7 19.1
57 20.6 16.7 25.1





#19

1,1-Dichloroethane

Concen: 8.556 ug/L

RT: 3.182 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV029411.D

Acq: 07 Dec 2022 11:58

Instrument :

MSVOA_V

ClientSampleId :

VSTD010277

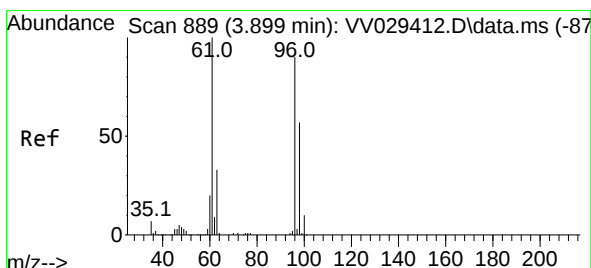
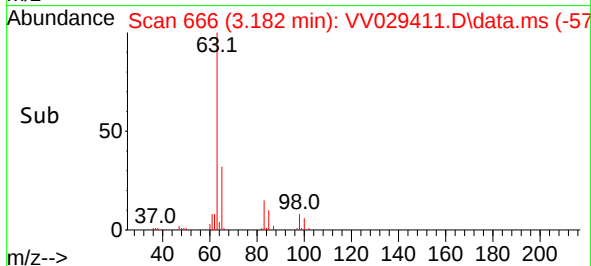
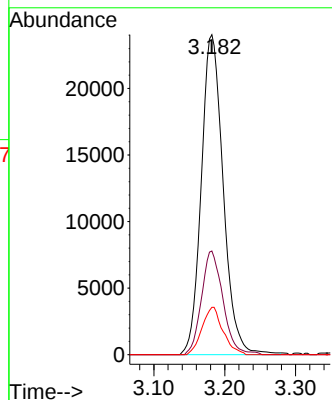
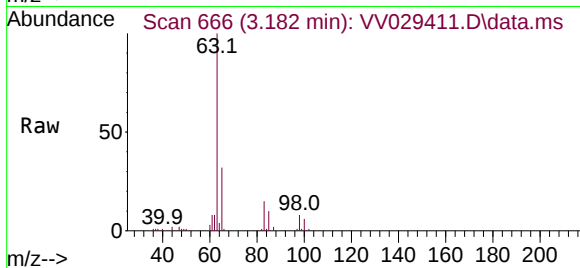
Tgt Ion: 63 Resp: 51688

Ion Ratio Lower Upper

63 100

65 32.4 22.5 41.7

83 14.8 10.4 19.2



#20

cis-1,2-Dichloroethene

Concen: 8.735 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.007 min

Lab File: VV029411.D

Acq: 07 Dec 2022 11:58

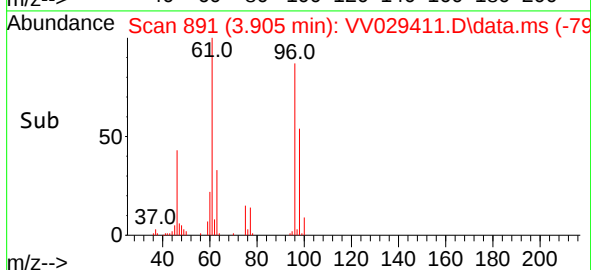
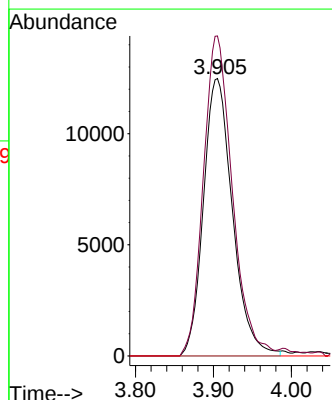
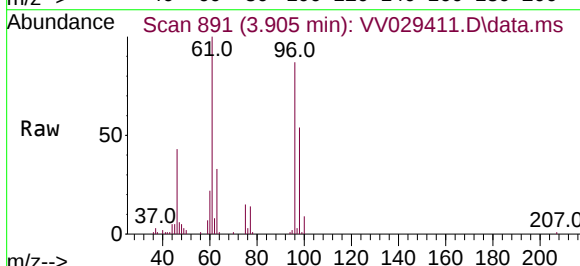
Tgt Ion: 96 Resp: 32417

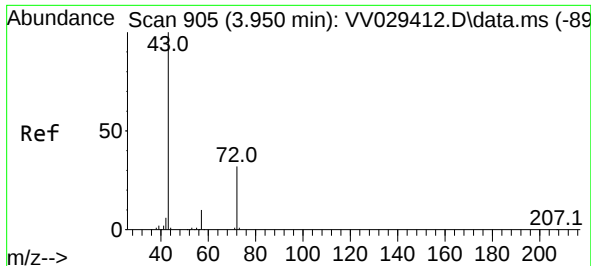
Ion Ratio Lower Upper

96 100

61 115.4 78.0 144.9

68 0.0 0.0 0.0

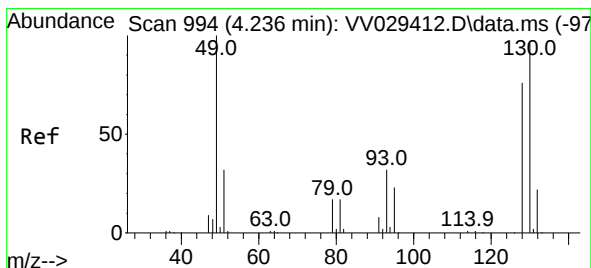
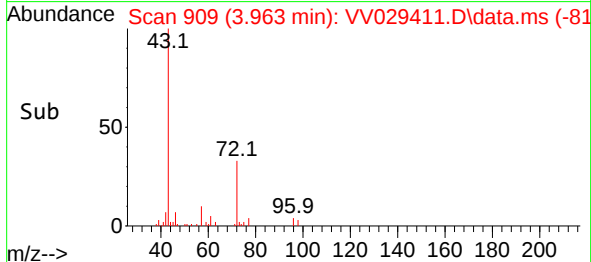
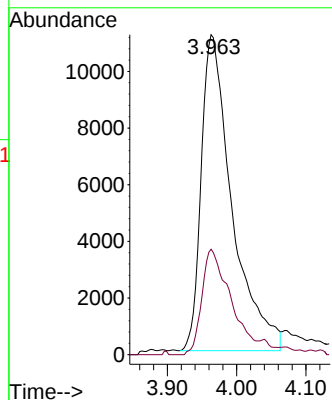
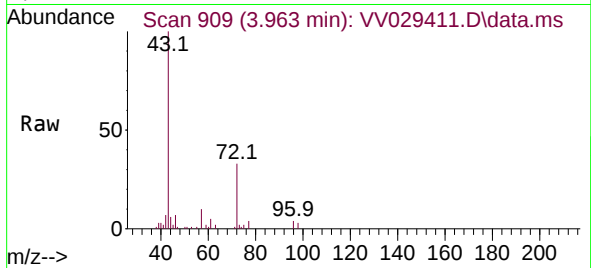




#22
2-Butanone
Concen: 13.230 ug/L
RT: 3.963 min Scan# 905
Delta R.T. 0.013 min
Lab File: VV029411.D
Acq: 07 Dec 2022 11:58

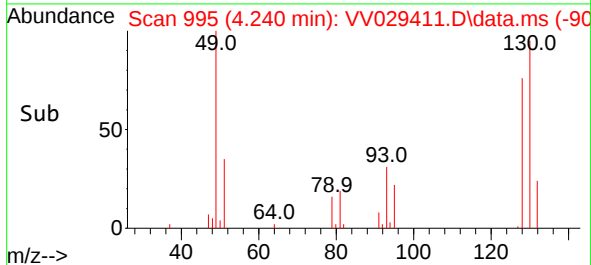
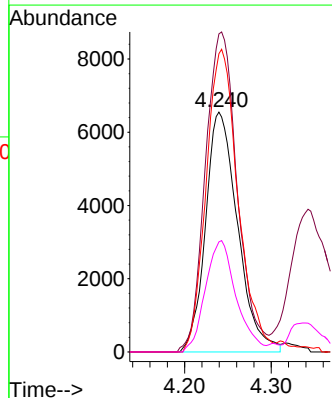
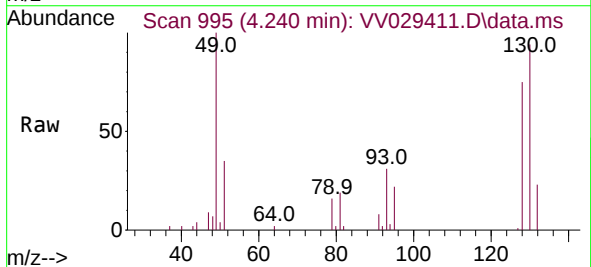
Instrument :
MSVOA_V
ClientSampleId :
VSTD010277

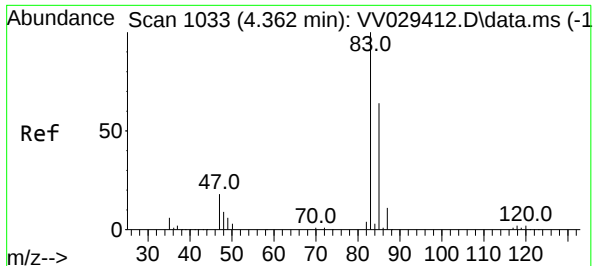
Tgt Ion: 43 Resp: 34349
Ion Ratio Lower Upper
43 100
72 31.1 15.9 47.6



#23
Bromochloromethane
Concen: 8.504 ug/L
RT: 4.240 min Scan# 995
Delta R.T. 0.003 min
Lab File: VV029411.D
Acq: 07 Dec 2022 11:58

Tgt Ion: 128 Resp: 16859
Ion Ratio Lower Upper
128 100
49 132.6 92.2 171.2
130 124.3 88.3 164.1
51 45.9 34.1 51.1





#25

Chloroform

Concen: 8.352 ug/L

RT: 4.365 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV029411.D

Acq: 07 Dec 2022 11:58

Instrument :

MSVOA_V

ClientSampleId :

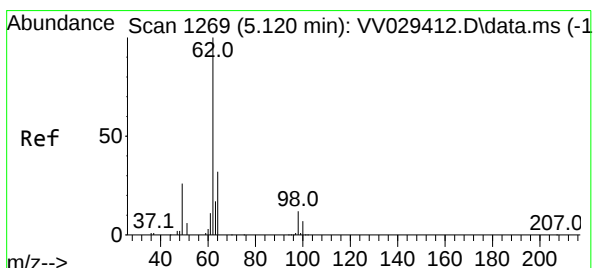
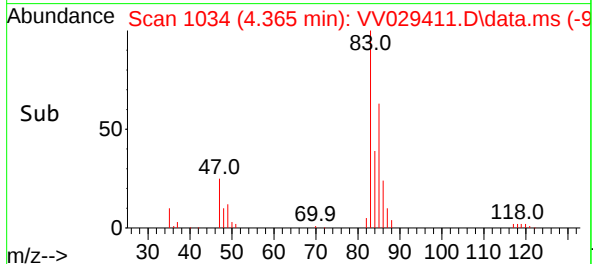
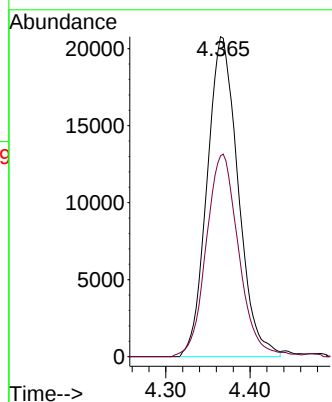
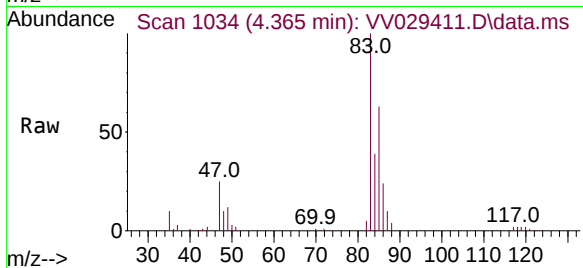
VSTD010277

Tgt Ion: 83 Resp: 53103

Ion Ratio Lower Upper

83 100

85 62.8 45.1 83.9



#27

1,2-Dichloroethane

Concen: 8.233 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. 0.003 min

Lab File: VV029411.D

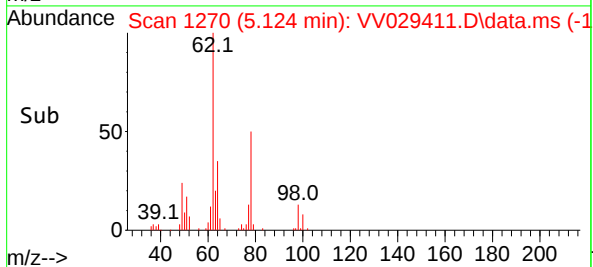
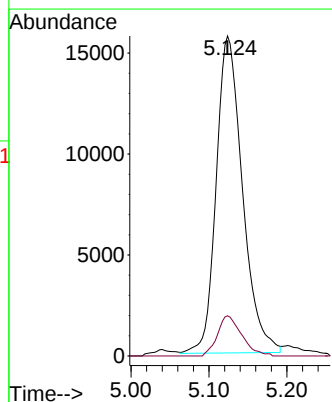
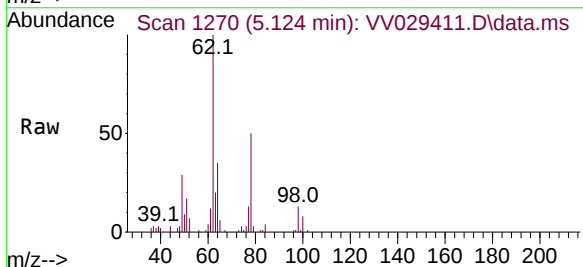
Acq: 07 Dec 2022 11:58

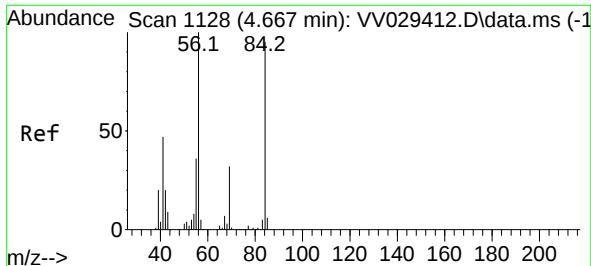
Tgt Ion: 62 Resp: 36774

Ion Ratio Lower Upper

62 100

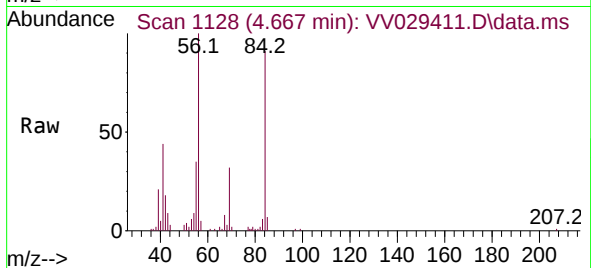
98 12.6 9.4 14.0



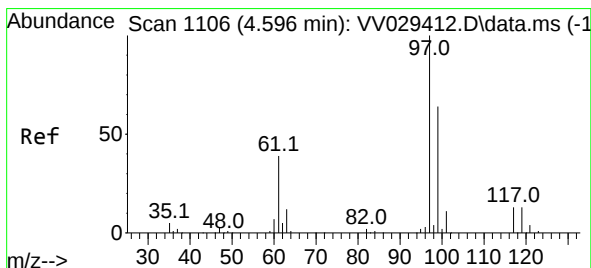
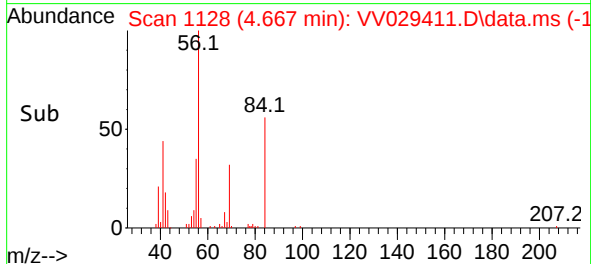
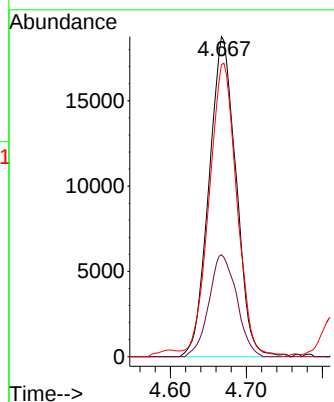


#29
Cyclohexane
Concen: 9.368 ug/L
RT: 4.667 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VV029411.D
Acq: 07 Dec 2022 11:58

Instrument :
MSVOA_V
ClientSampleId :
VSTD010277

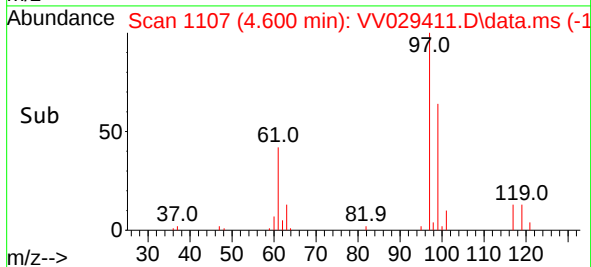
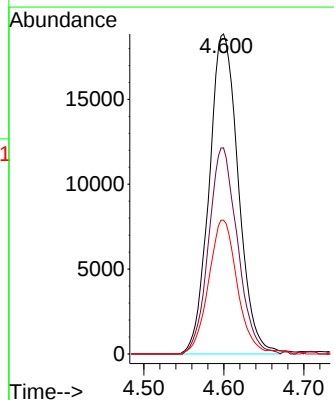
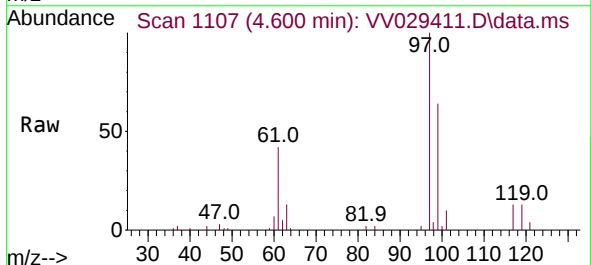


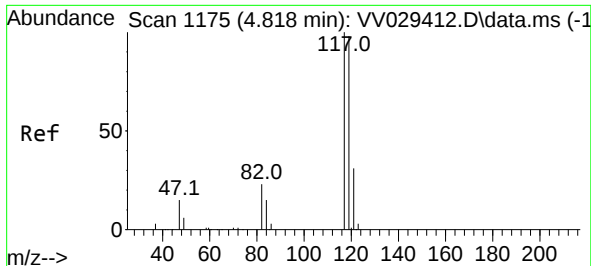
Tgt Ion:	56	Resp:	46349
Ion	Ratio	Lower	Upper
56	100		
69	32.6	25.8	38.8
84	93.9	76.6	114.8



#30
1,1,1-Trichloroethane
Concen: 8.805 ug/L
RT: 4.600 min Scan# 1107
Delta R.T. 0.003 min
Lab File: VV029411.D
Acq: 07 Dec 2022 11:58

Tgt Ion:	97	Resp:	47816
Ion	Ratio	Lower	Upper
97	100		
99	63.6	52.1	78.1
61	40.8	31.8	47.8

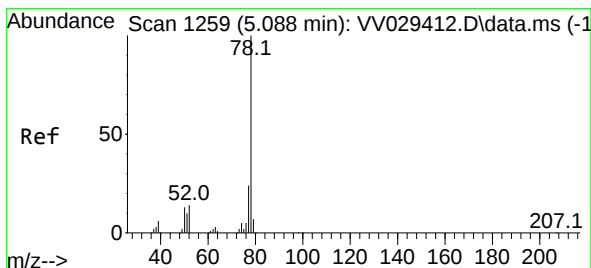
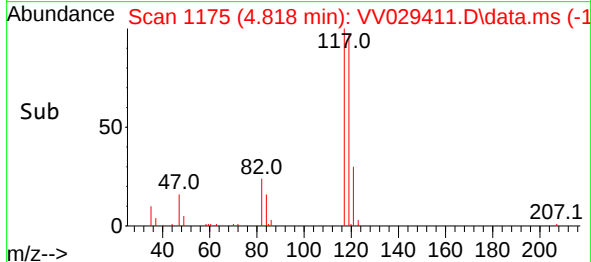
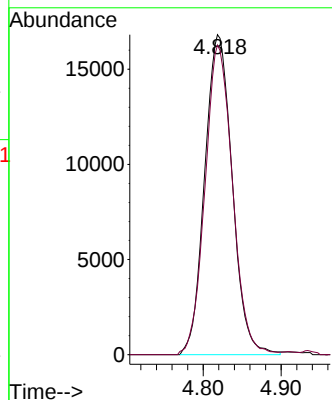
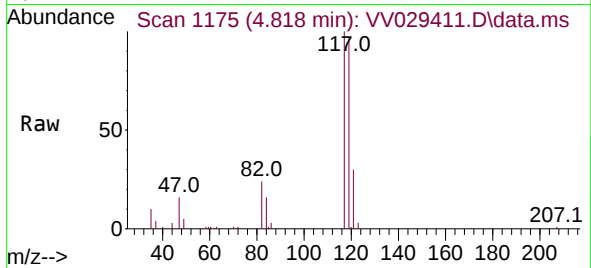




#31
Carbon tetrachloride
Concen: 8.777 ug/L
RT: 4.818 min Scan# 1175
Delta R.T. 0.000 min
Lab File: VV029411.D
Acq: 07 Dec 2022 11:58

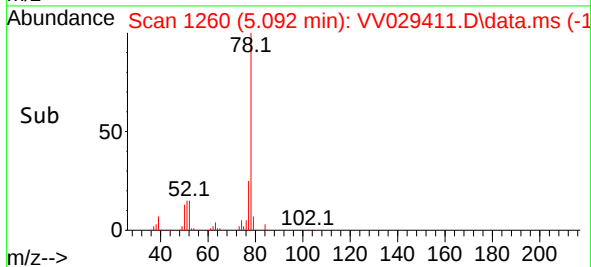
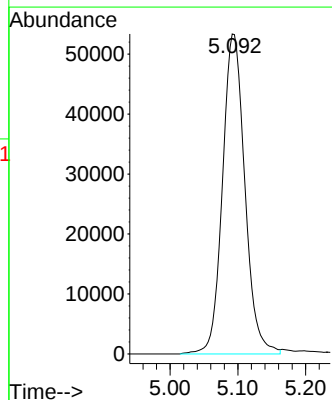
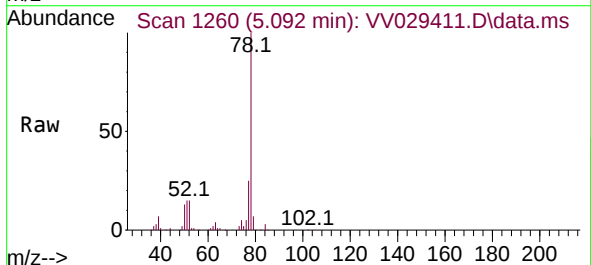
Instrument : MSVOA_V
ClientSampleId : VSTD010277

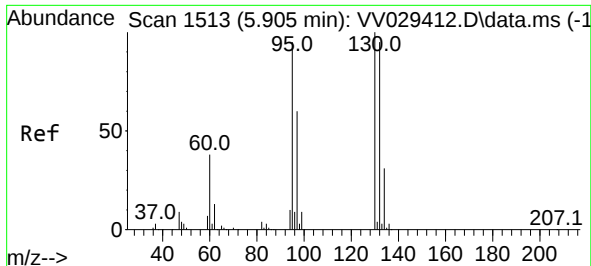
Tgt Ion:117 Resp: 41333
Ion Ratio Lower Upper
117 100
119 96.7 76.7 115.1



#33
Benzene
Concen: 9.310 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. 0.003 min
Lab File: VV029411.D
Acq: 07 Dec 2022 11:58

Tgt Ion: 78 Resp: 122536

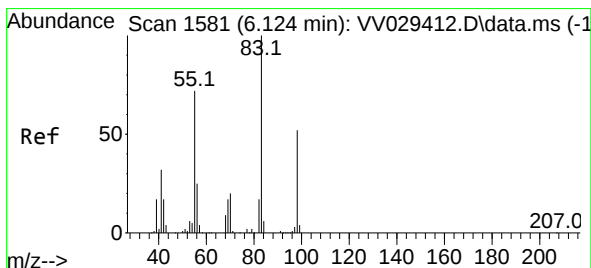
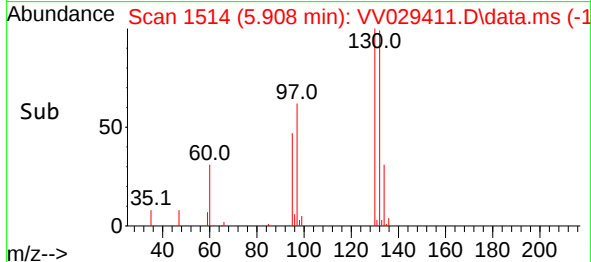
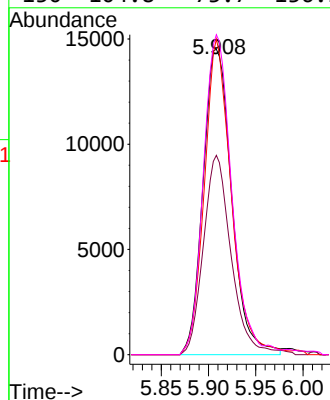
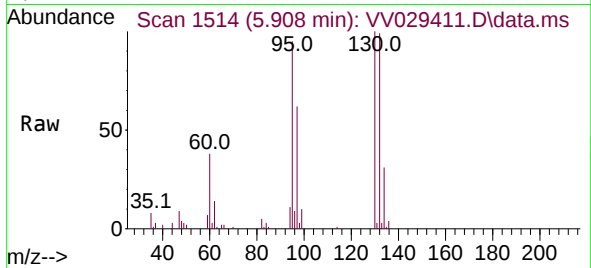




#34
Trichloroethene
Concen: 8.367 ug/L
RT: 5.908 min Scan# 1513
Delta R.T. 0.003 min
Lab File: VV029411.D
Acq: 07 Dec 2022 11:58

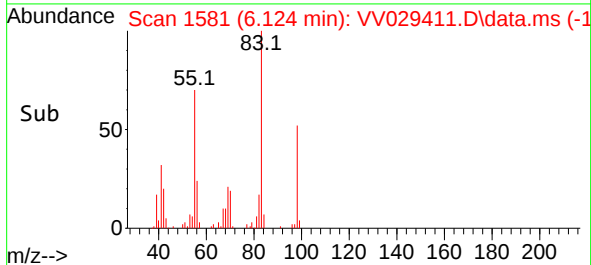
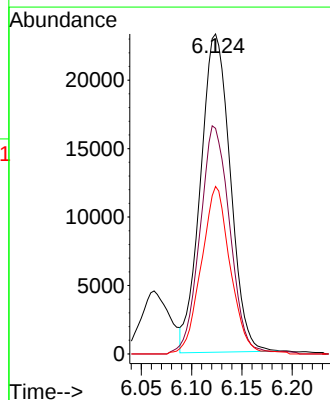
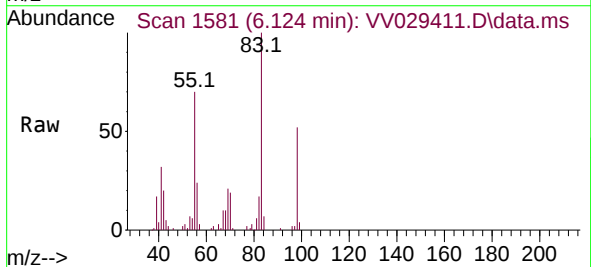
Instrument :
MSVOA_V
ClientSampleId :
VSTD010277

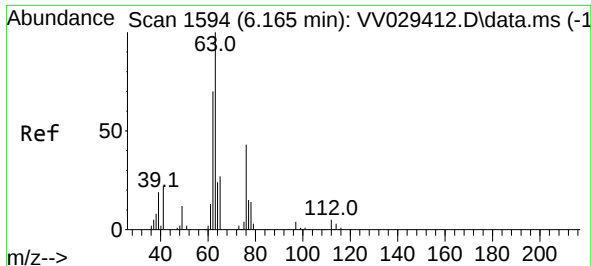
Tgt Ion:	95	Resp:	30641
Ion	Ratio	Lower	Upper
95	100		
97	65.3	44.0	81.8
132	103.3	69.9	129.9
130	104.8	73.7	136.9



#35
Methylcyclohexane
Concen: 9.176 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. 0.000 min
Lab File: VV029411.D
Acq: 07 Dec 2022 11:58

Tgt Ion:	83	Resp:	47860
Ion	Ratio	Lower	Upper
83	100		
55	71.7	55.5	83.3
98	50.9	39.8	59.8





#37

1,2-Dichloropropane

Concen: 8.834 ug/L

RT: 6.169 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV029411.D

Acq: 07 Dec 2022 11:58

Instrument :

MSVOA_V

ClientSampleId :

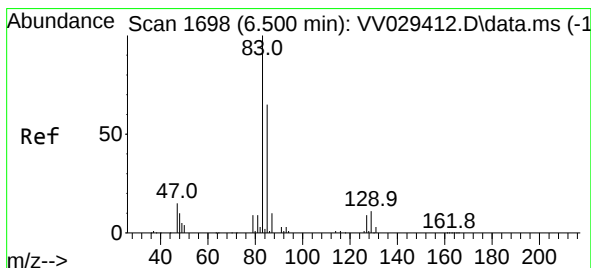
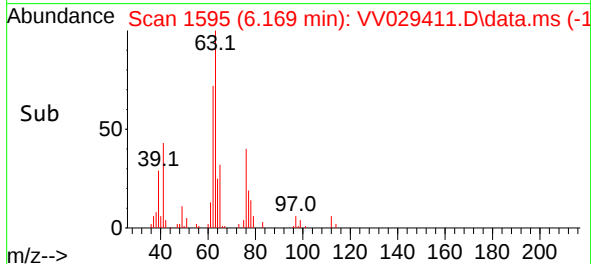
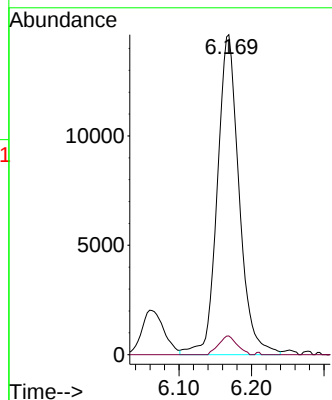
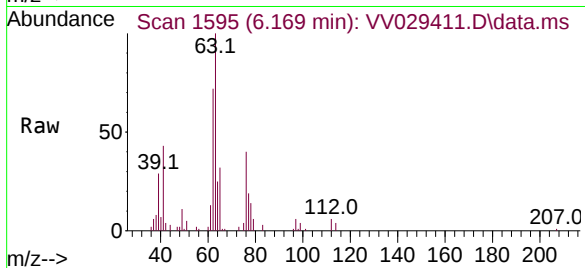
VSTD010277

Tgt Ion: 63 Resp: 30577

Ion Ratio Lower Upper

63 100

112 4.9 3.9 5.9



#38

Bromodichloromethane

Concen: 8.710 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. 0.003 min

Lab File: VV029411.D

Acq: 07 Dec 2022 11:58

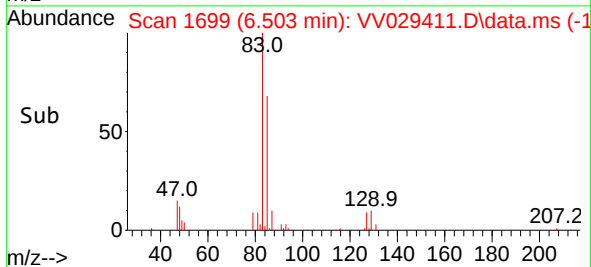
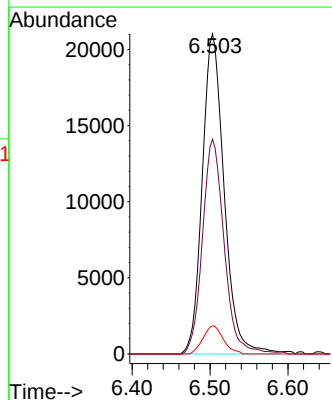
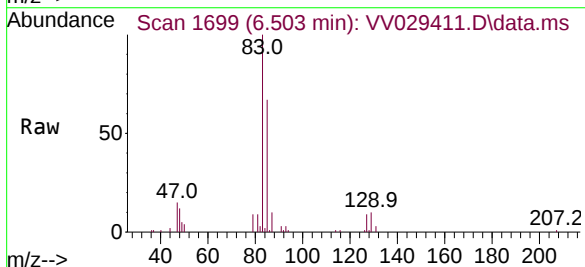
Tgt Ion: 83 Resp: 41000

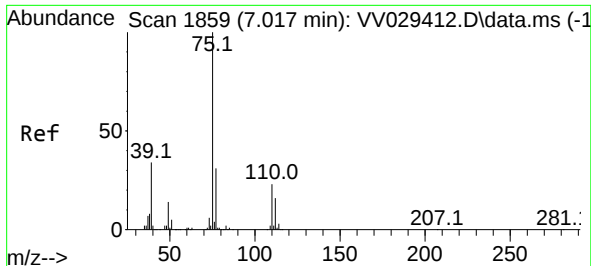
Ion Ratio Lower Upper

83 100

85 67.1 45.3 84.1

127 8.8 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 8.740 ug/L

RT: 7.021 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV029411.D

Acq: 07 Dec 2022 11:58

Instrument :

MSVOA_V

ClientSampleId :

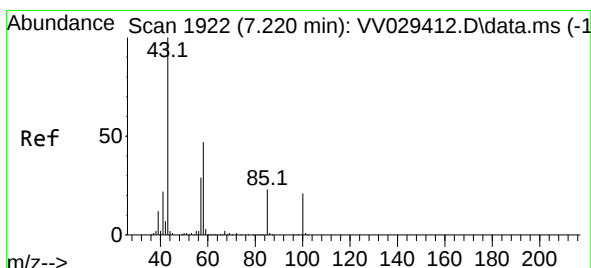
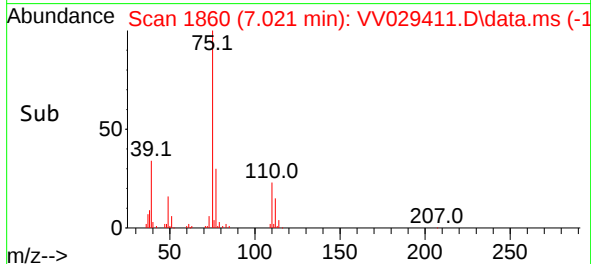
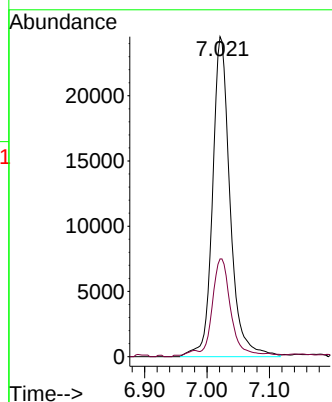
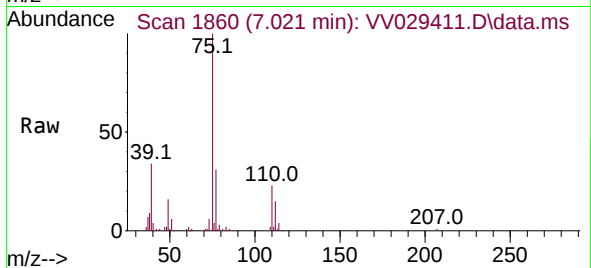
VSTD010277

Tgt Ion: 75 Resp: 47890

Ion Ratio Lower Upper

75 100

77 30.5 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 14.458 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.003 min

Lab File: VV029411.D

Acq: 07 Dec 2022 11:58

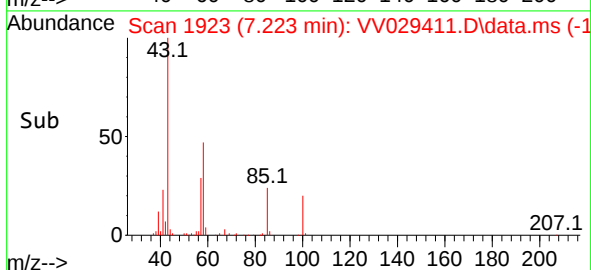
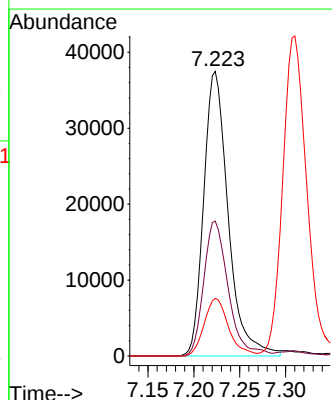
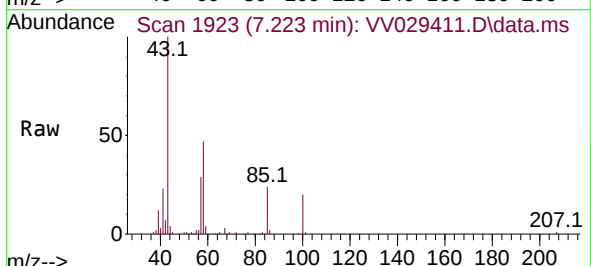
Tgt Ion: 43 Resp: 69759

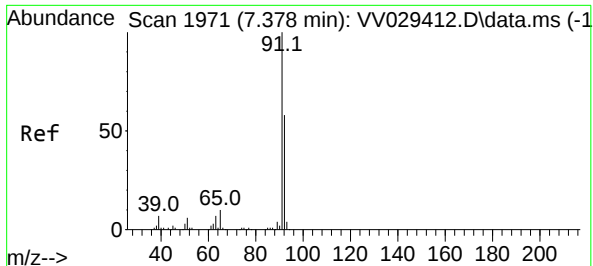
Ion Ratio Lower Upper

43 100

58 47.3 37.5 56.3

100 20.1 16.7 25.1





#42

Toluene

Concen: 9.158 ug/L

RT: 7.381 min Scan# 1971

Delta R.T. 0.003 min

Lab File: VV029411.D

Acq: 07 Dec 2022 11:58

Instrument :

MSVOA_V

ClientSampleId :

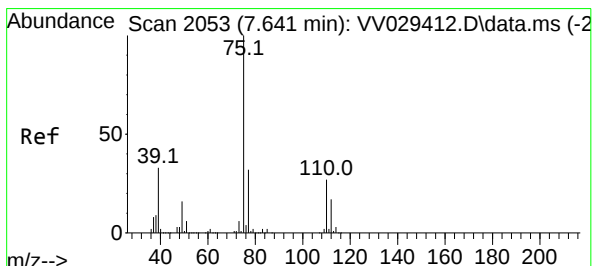
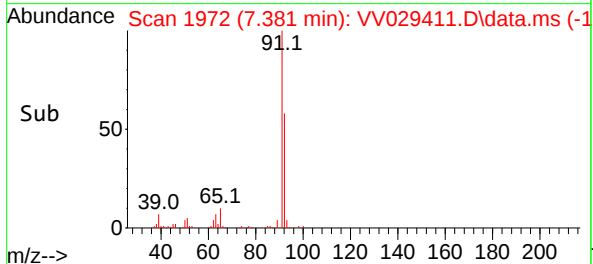
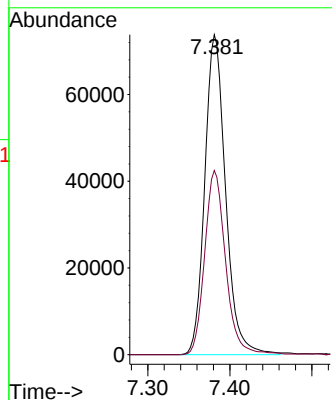
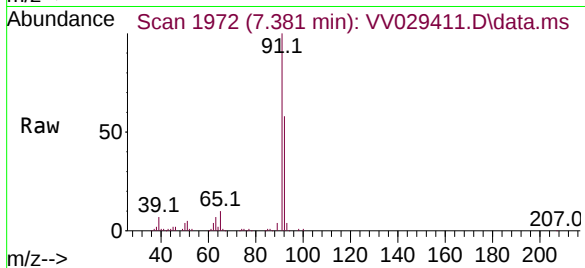
VSTD010277

Tgt Ion: 91 Resp: 130139

Ion Ratio Lower Upper

91 100

92 57.5 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 8.603 ug/L

RT: 7.645 min Scan# 2054

Delta R.T. 0.003 min

Lab File: VV029411.D

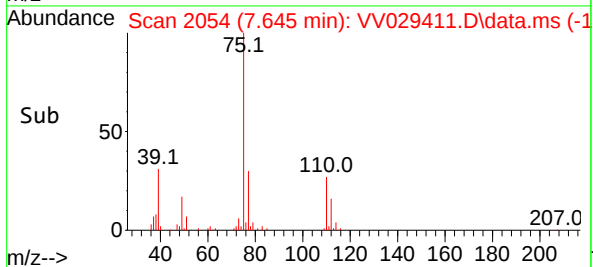
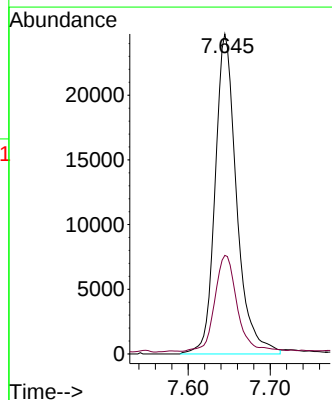
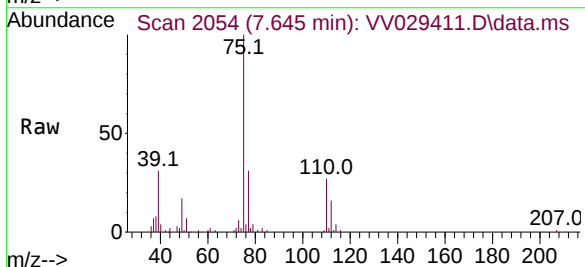
Acq: 07 Dec 2022 11:58

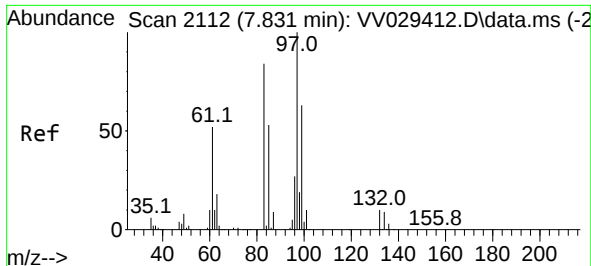
Tgt Ion: 75 Resp: 45009

Ion Ratio Lower Upper

75 100

77 30.8 22.3 41.5

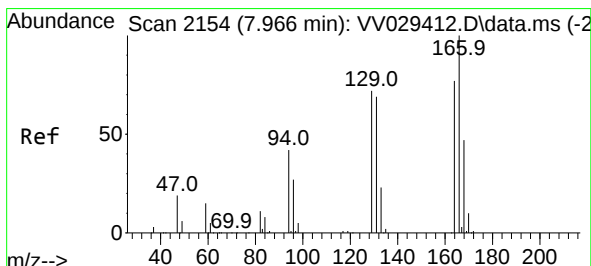
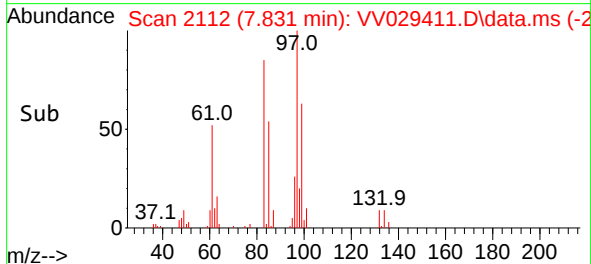
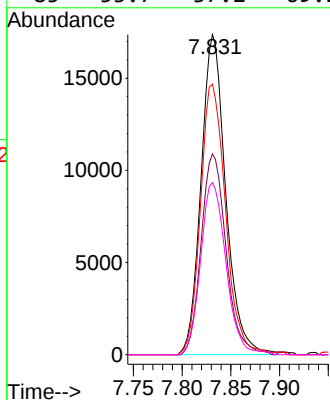
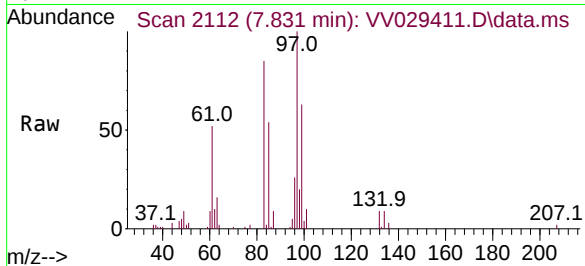




#45
1,1,2-Trichloroethane
Concen: 8.726 ug/L
RT: 7.831 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VV029411.D
Acq: 07 Dec 2022 11:58

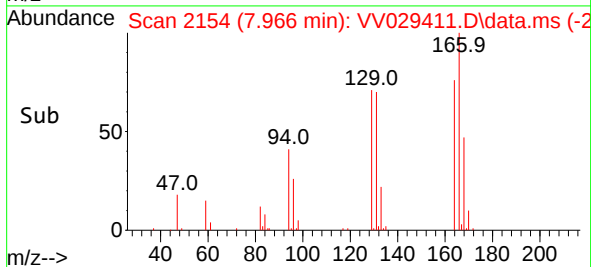
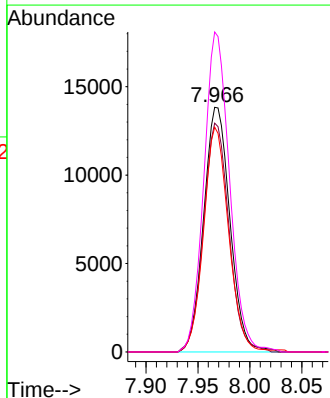
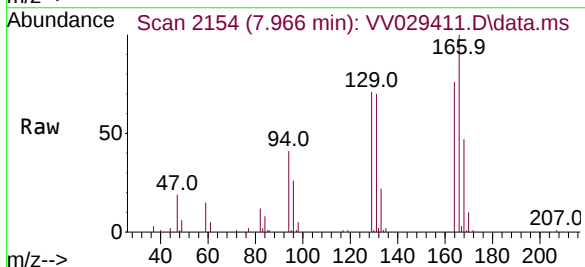
Instrument :
MSVOA_V
ClientSampleId :
VSTD010277

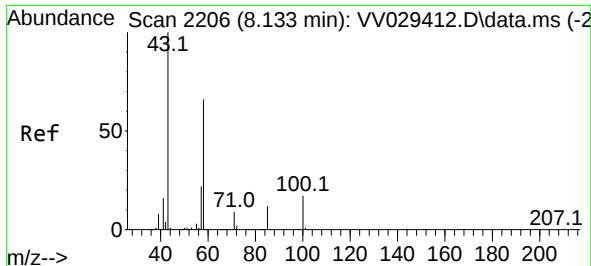
Tgt Ion: 97	Resp: 30643
Ion Ratio	Lower Upper
97 100	
99 62.8	43.8 81.3
83 84.6	58.6 108.8
85 53.7	37.2 69.2



#46
Tetrachloroethene
Concen: 8.849 ug/L
RT: 7.966 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VV029411.D
Acq: 07 Dec 2022 11:58

Tgt	Ion:164	Resp:	24382
Ion	Ratio	Lower	Upper
164	100		
129	93.5	65.3	121.3
131	91.9	63.1	117.1
166	130.8	90.8	168.6

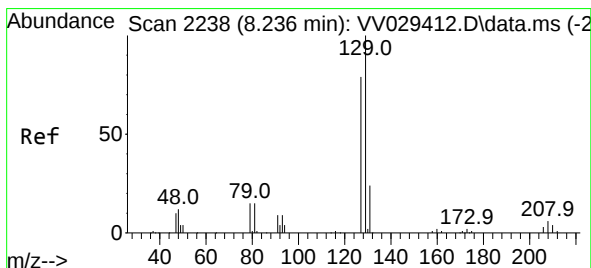
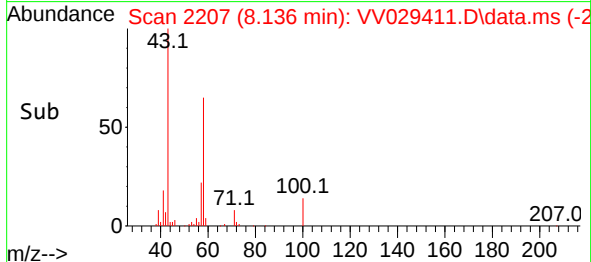
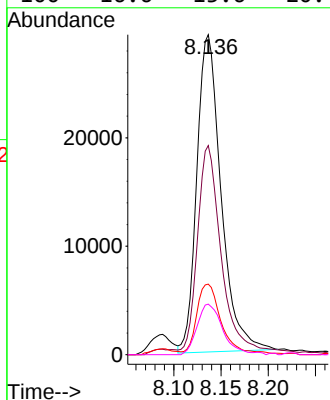
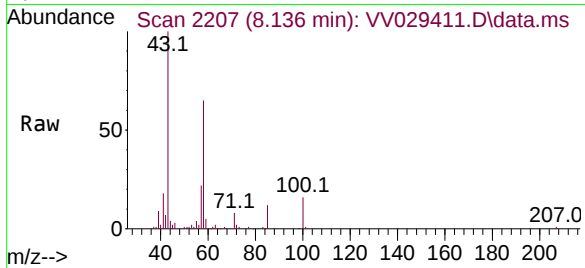




#48
2-Hexanone
Concen: 14.096 ug/L
RT: 8.136 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV029411.D
Acq: 07 Dec 2022 11:58

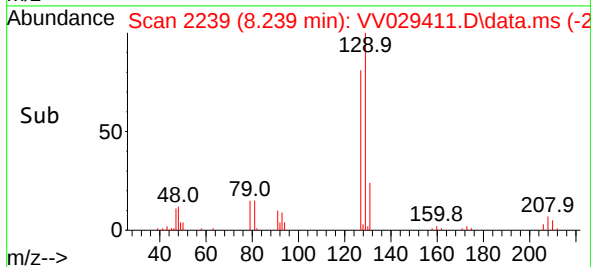
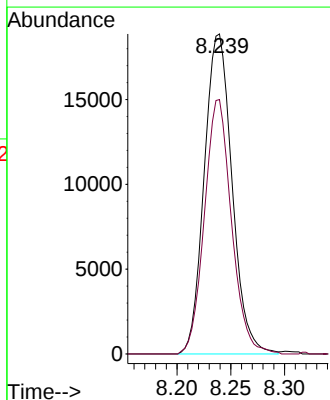
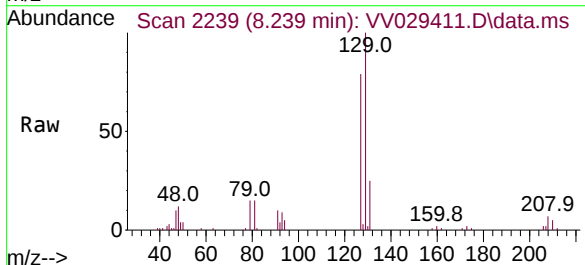
Instrument :
MSVOA_V
ClientSampleId :
VSTD010277

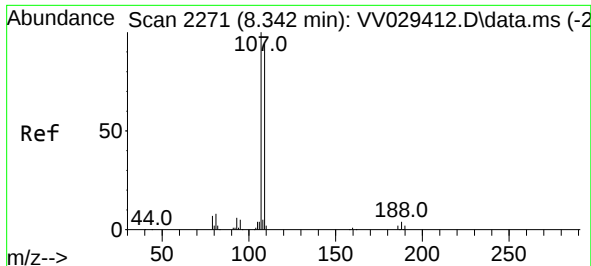
Tgt Ion: 43 Resp: 52329
Ion Ratio Lower Upper
43 100
58 64.7 54.1 81.1
57 22.0 17.4 26.0
100 16.6 13.6 20.4



#49
Dibromochloromethane
Concen: 8.521 ug/L
RT: 8.239 min Scan# 2239
Delta R.T. 0.003 min
Lab File: VV029411.D
Acq: 07 Dec 2022 11:58

Tgt Ion: 129 Resp: 33919
Ion Ratio Lower Upper
129 100
127 79.5 55.2 102.4





#50

1,2-Dibromoethane

Concen: 8.567 ug/L

RT: 8.345 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV029411.D

Acq: 07 Dec 2022 11:58

Instrument :

MSVOA_V

ClientSampleId :

VSTD010277

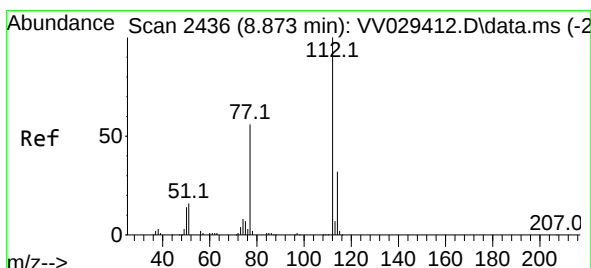
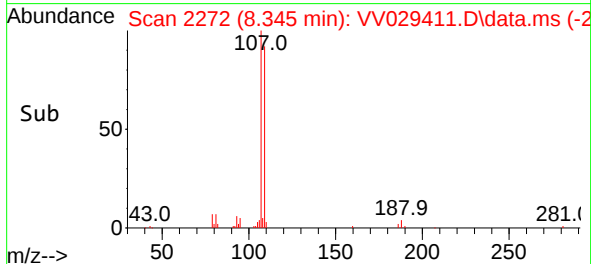
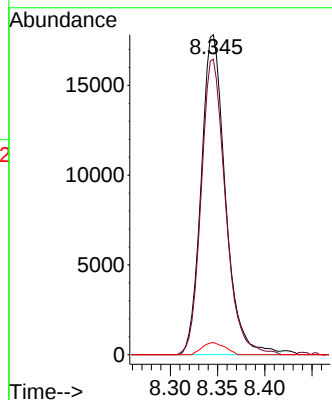
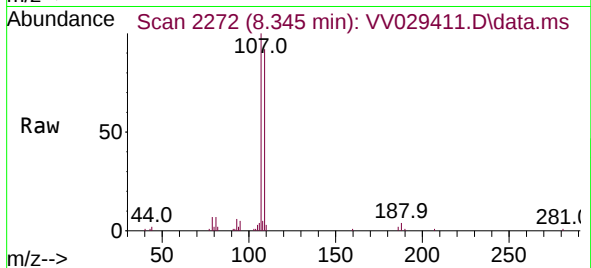
Tgt Ion:107 Resp: 31785

Ion Ratio Lower Upper

107 100

109 92.4 66.0 122.6

188 3.8 3.2 4.8



#51

Chlorobenzene

Concen: 8.799 ug/L

RT: 8.873 min Scan# 2436

Delta R.T. 0.000 min

Lab File: VV029411.D

Acq: 07 Dec 2022 11:58

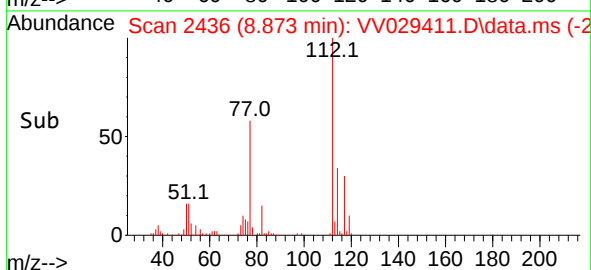
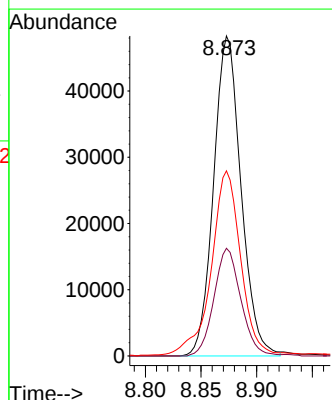
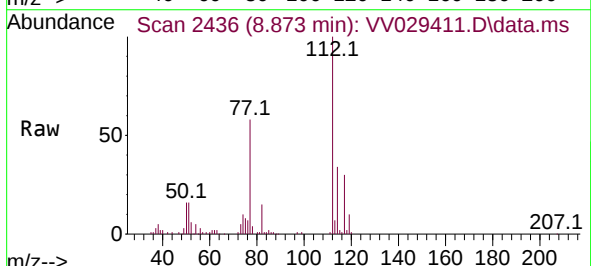
Tgt Ion:112 Resp: 82812

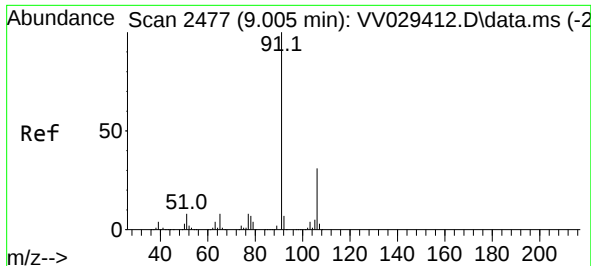
Ion Ratio Lower Upper

112 100

114 33.7 22.3 41.3

77 57.8 45.0 67.4





#52

Ethylbenzene

Concen: 8.753 ug/L

RT: 9.005 min Scan# 2477

Delta R.T. 0.000 min

Lab File: VV029411.D

Acq: 07 Dec 2022 11:58

Instrument :

MSVOA_V

ClientSampleId :

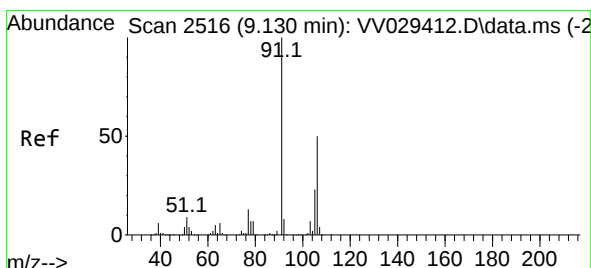
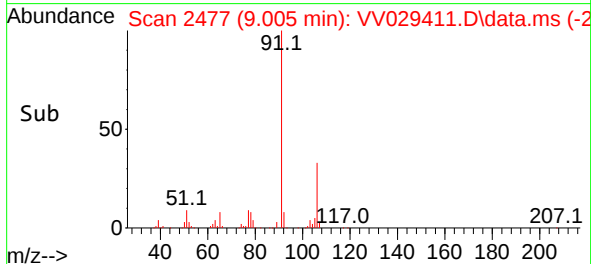
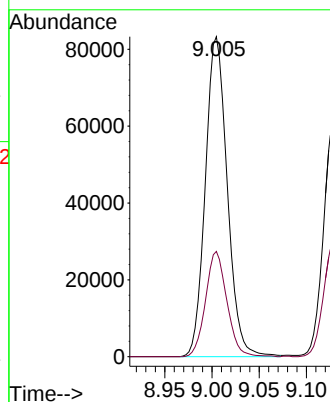
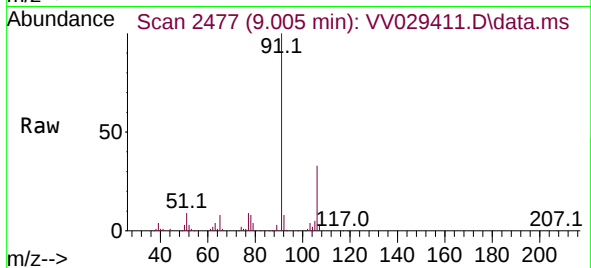
VSTD010277

Tgt Ion: 91 Resp: 134583

Ion Ratio Lower Upper

91 100

106 32.9 21.8 40.6



#53

m,p-Xylene

Concen: 8.739 ug/L

RT: 9.130 min Scan# 2516

Delta R.T. 0.000 min

Lab File: VV029411.D

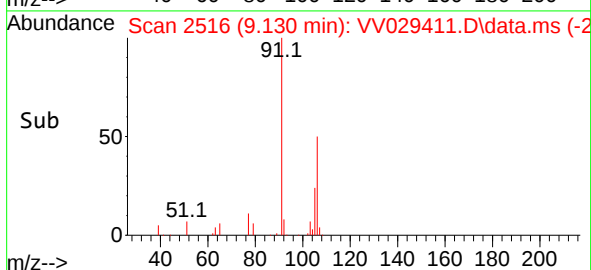
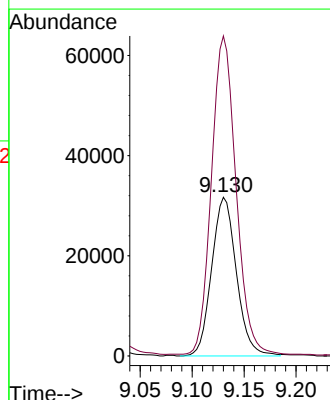
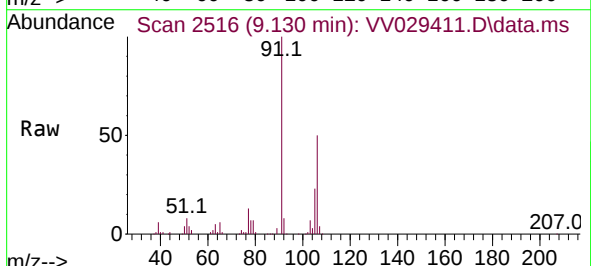
Acq: 07 Dec 2022 11:58

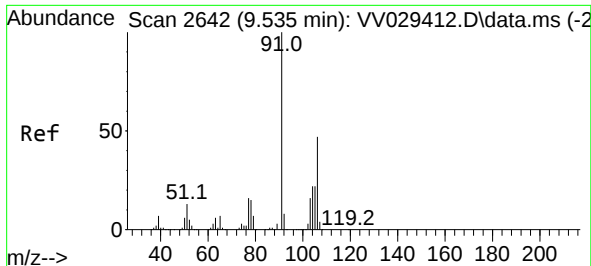
Tgt Ion:106 Resp: 52467

Ion Ratio Lower Upper

106 100

91 201.5 139.5 259.1

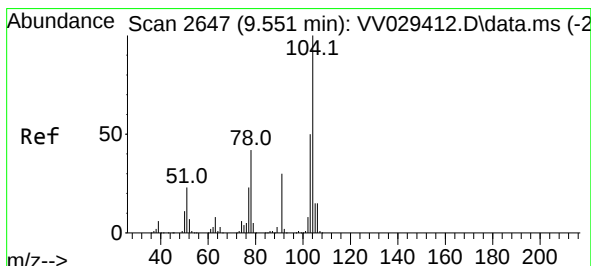
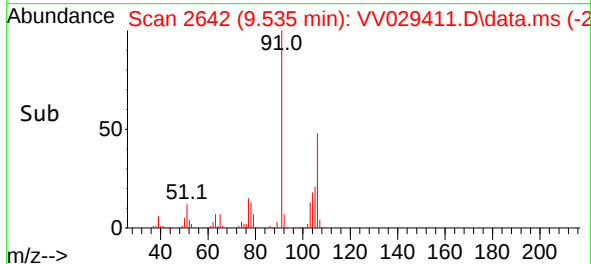
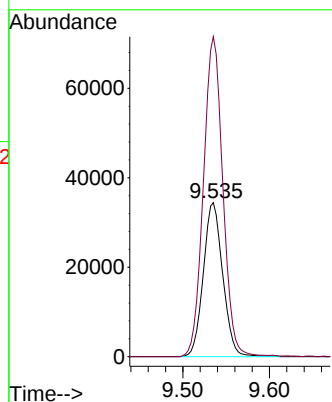
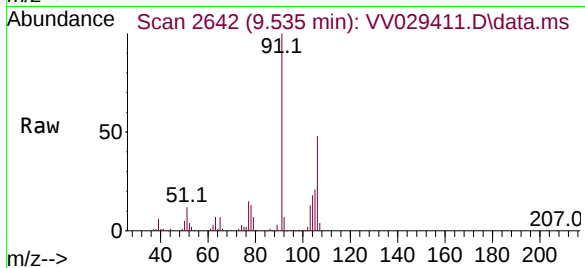




#54
o-Xylene
Concen: 8.918 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. 0.000 min
Lab File: VV029411.D
Acq: 07 Dec 2022 11:58

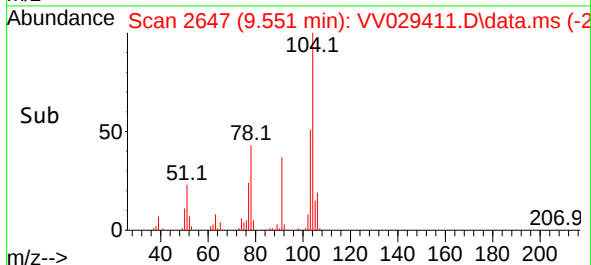
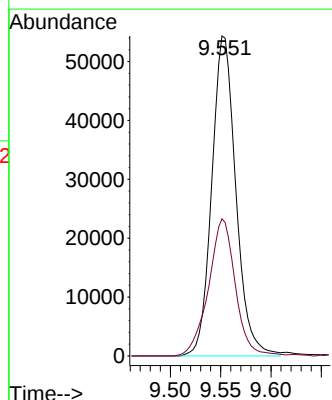
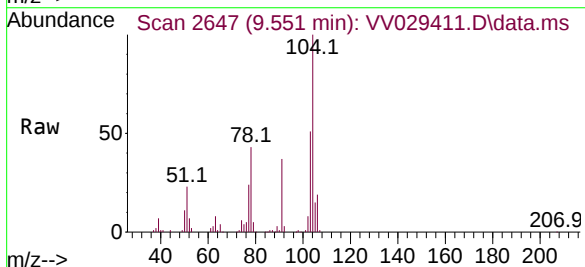
Instrument :
MSVOA_V
ClientSampleId :
VSTD010277

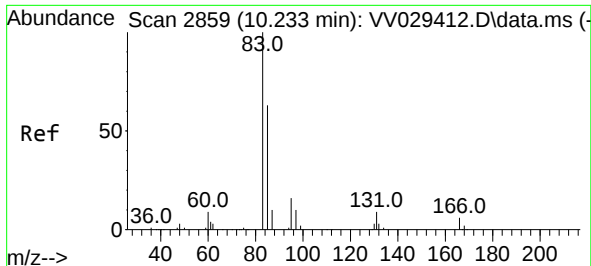
Tgt Ion:106 Resp: 53536
Ion Ratio Lower Upper
106 100
91 207.7 148.0 274.8



#55
Styrene
Concen: 8.940 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. 0.000 min
Lab File: VV029411.D
Acq: 07 Dec 2022 11:58

Tgt Ion:104 Resp: 90514
Ion Ratio Lower Upper
104 100
78 42.9 29.4 54.6

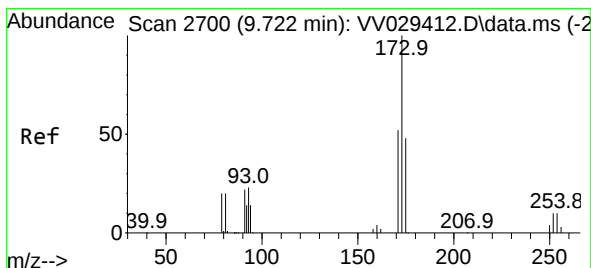
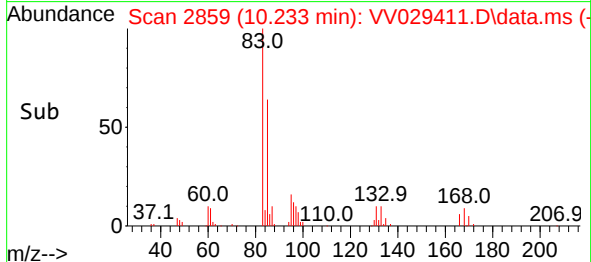
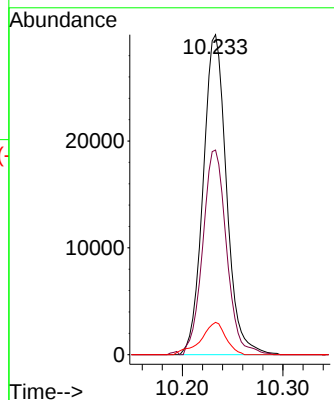
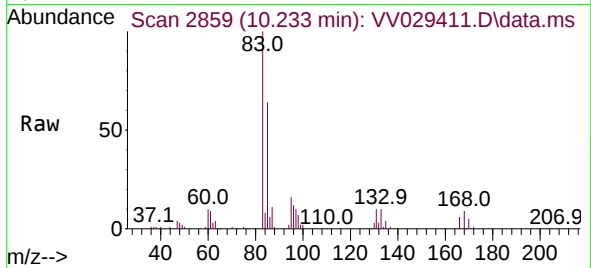




#57
 1,1,2,2-Tetrachloroethane
 Concen: 9.123 ug/L
 RT: 10.233 min Scan# 2859
 Delta R.T. 0.000 min
 Lab File: VV029411.D
 Acq: 07 Dec 2022 11:58

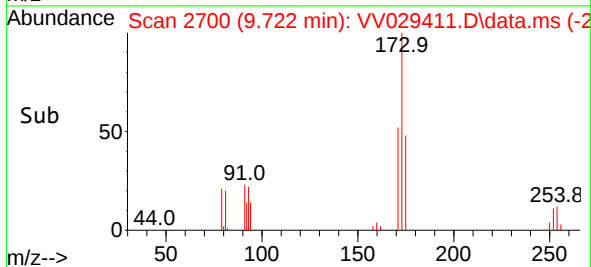
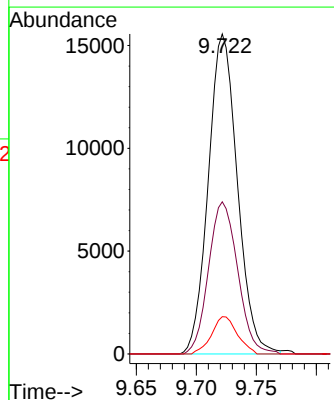
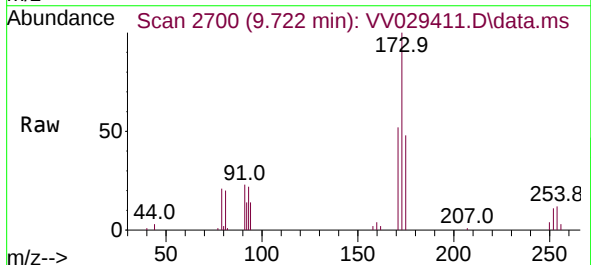
Instrument : MSVOA_V
 ClientSampleId : VSTD010277

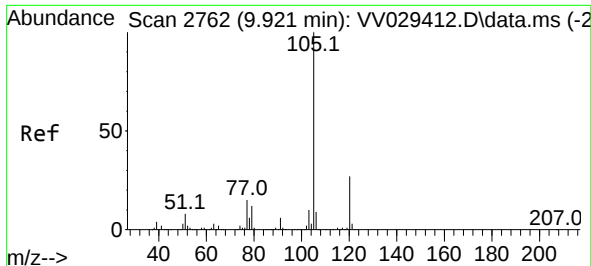
Tgt Ion: 83	Resp: 48430
Ion Ratio	Lower Upper
83 100	
85 64.0	45.7 84.9
131 10.1	7.9 11.9



#59
 Bromoform
 Concen: 9.448 ug/L
 RT: 9.722 min Scan# 2700
 Delta R.T. 0.000 min
 Lab File: VV029411.D
 Acq: 07 Dec 2022 11:58

Tgt Ion:173	Resp:	26224	
Ion	Ratio	Lower	Upper
173	100		
175	47.7	38.4	57.6
254	10.3	7.8	11.8

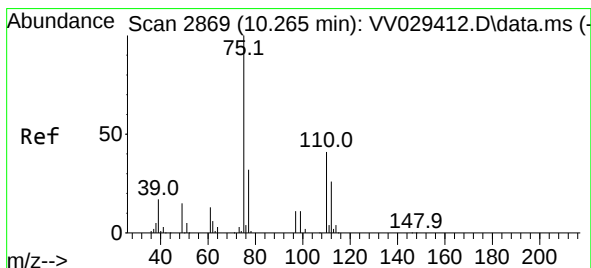
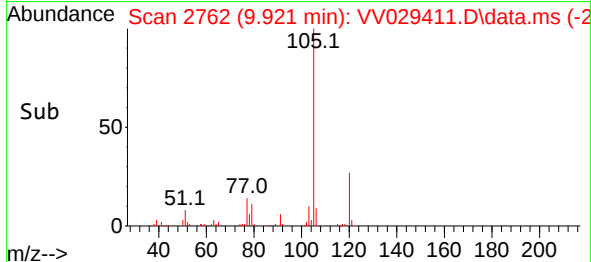
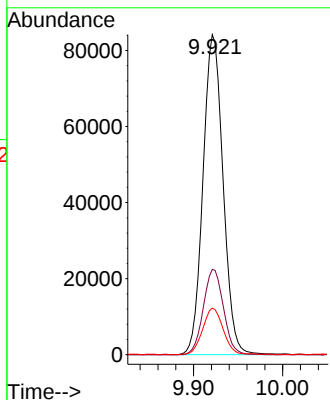
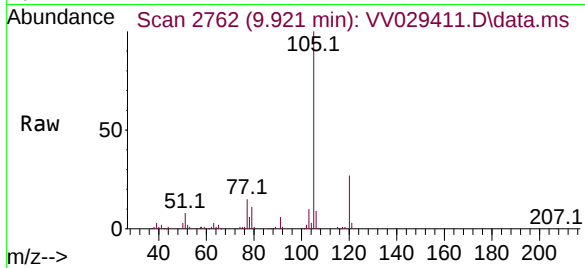




#60
Isopropylbenzene
Concen: 8.811 ug/L
RT: 9.921 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV029411.D
Acq: 07 Dec 2022 11:58

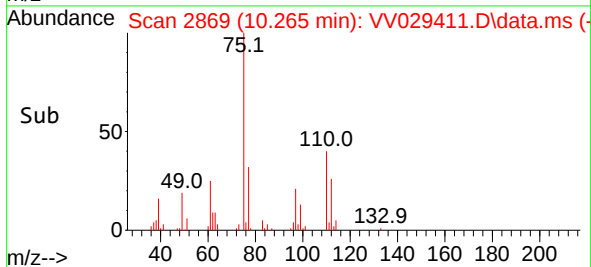
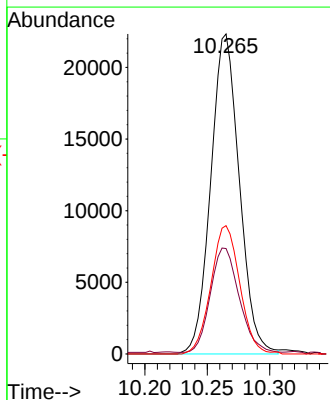
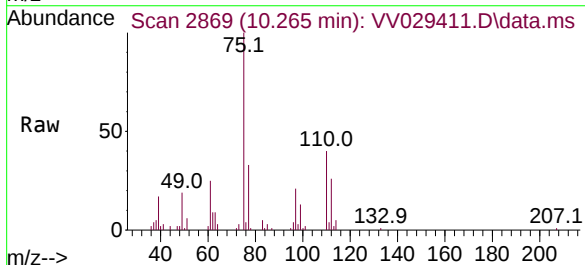
Instrument :
MSVOA_V
ClientSampleId :
VSTD010277

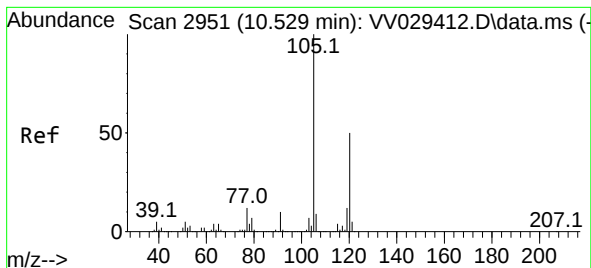
Tgt Ion:105 Resp: 131794
Ion Ratio Lower Upper
105 100
120 26.7 21.1 31.7
77 14.8 11.6 17.4



#61
1,2,3-Trichloropropane
Concen: 8.482 ug/L
RT: 10.265 min Scan# 2869
Delta R.T. 0.000 min
Lab File: VV029411.D
Acq: 07 Dec 2022 11:58

Tgt Ion: 75 Resp: 35678
Ion Ratio Lower Upper
75 100
77 33.8 25.4 38.2
110 40.3 32.7 49.1

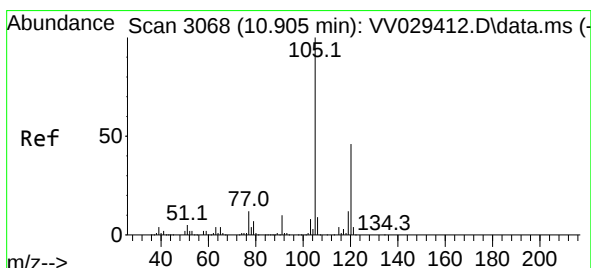
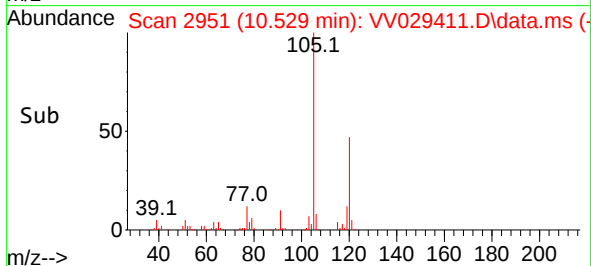
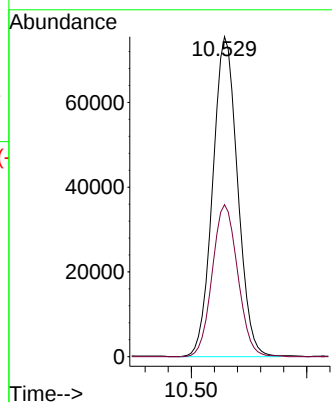
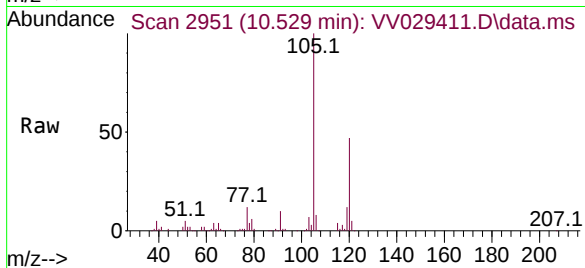




#62
 1,3,5-Trimethylbenzene
 Concen: 8.883 ug/L
 RT: 10.529 min Scan# 2951
 Delta R.T. 0.000 min
 Lab File: VV029411.D
 Acq: 07 Dec 2022 11:58

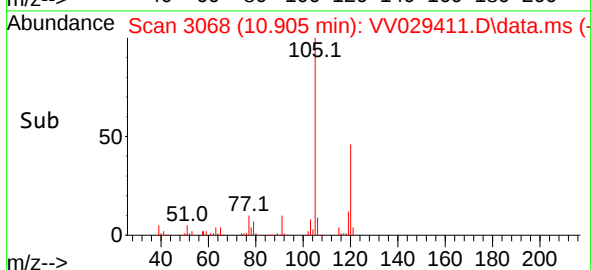
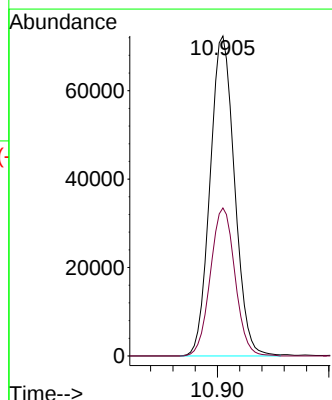
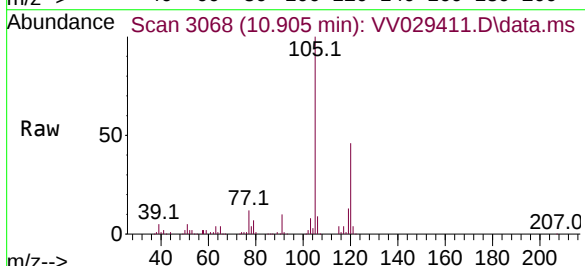
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010277

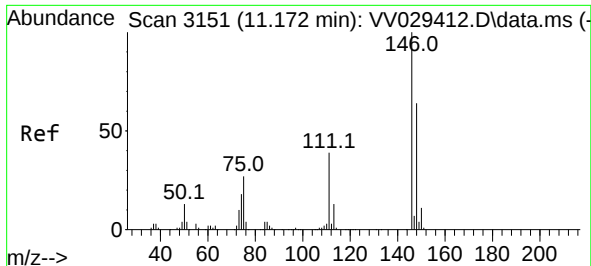
Tgt Ion:105 Resp: 113161
 Ion Ratio Lower Upper
 105 100
 120 48.4 40.0 60.0



#63
 1,2,4-Trimethylbenzene
 Concen: 8.559 ug/L
 RT: 10.905 min Scan# 3068
 Delta R.T. 0.000 min
 Lab File: VV029411.D
 Acq: 07 Dec 2022 11:58

Tgt Ion:105 Resp: 110641
 Ion Ratio Lower Upper
 105 100
 120 46.3 36.7 55.1

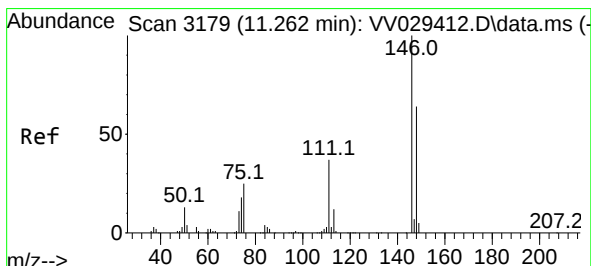
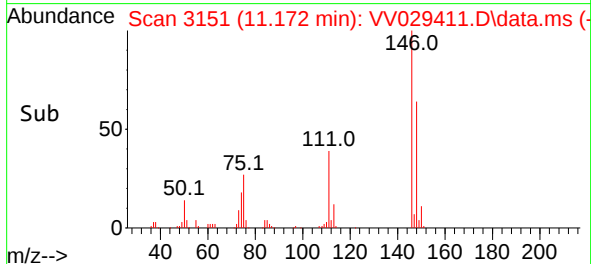
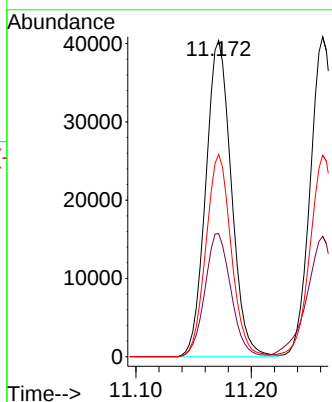
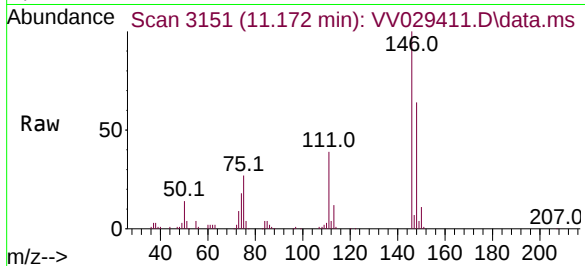




#64
1,3-Dichlorobenzene
Concen: 8.652 ug/L
RT: 11.172 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VV029411.D
Acq: 07 Dec 2022 11:58

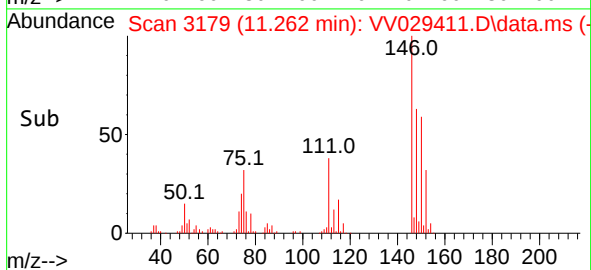
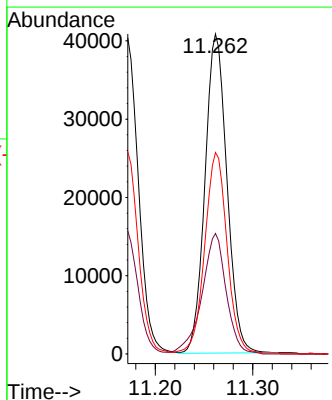
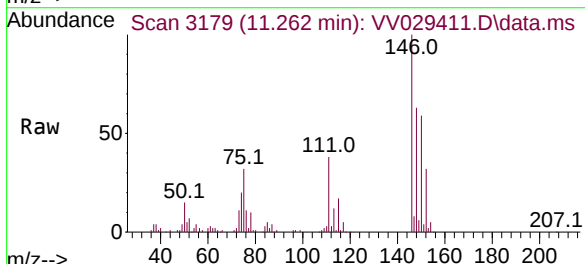
Instrument :
MSVOA_V
ClientSampleId :
VSTD010277

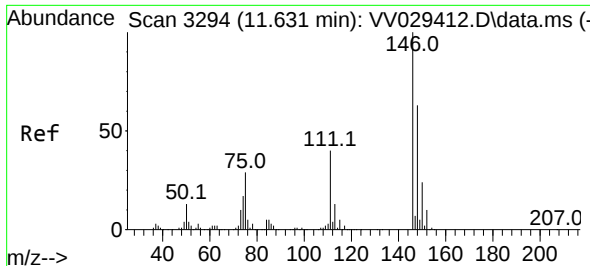
Tgt Ion:146 Resp: 62290
Ion Ratio Lower Upper
146 100
111 39.0 27.4 51.0
148 64.0 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 8.799 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. 0.000 min
Lab File: VV029411.D
Acq: 07 Dec 2022 11:58

Tgt Ion:146 Resp: 63761
Ion Ratio Lower Upper
146 100
111 37.7 26.2 48.8
148 63.0 44.7 83.1

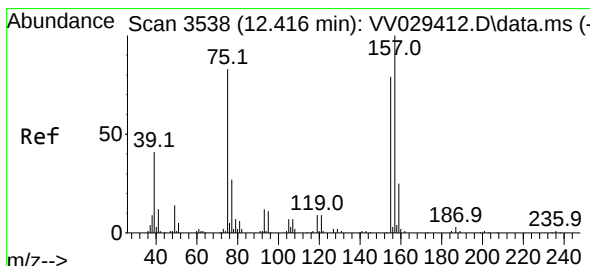
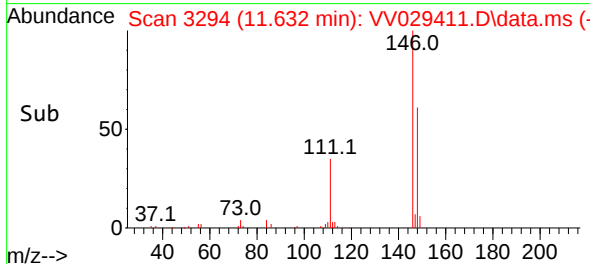
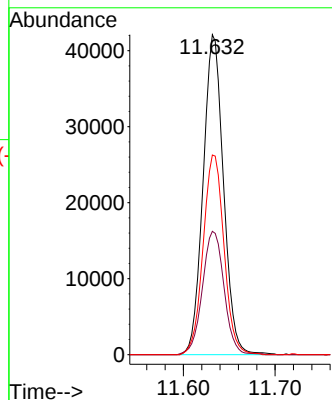
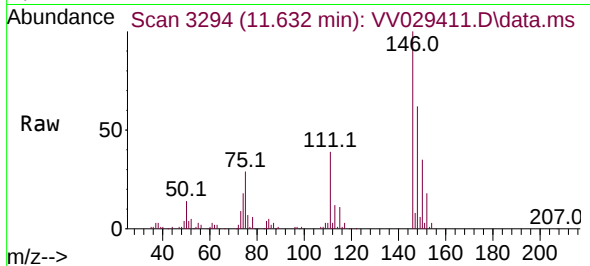




#67
1,2-Dichlorobenzene
Concen: 8.857 ug/L
RT: 11.632 min Scan# 3111
Delta R.T. 0.000 min
Lab File: VV029411.D
Acq: 07 Dec 2022 11:58

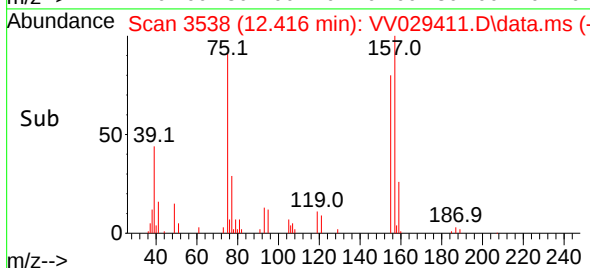
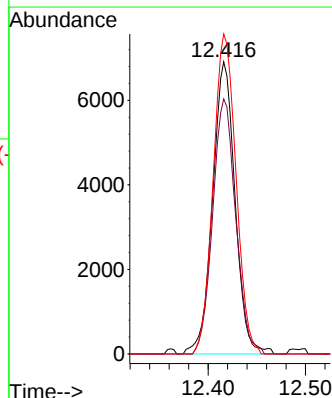
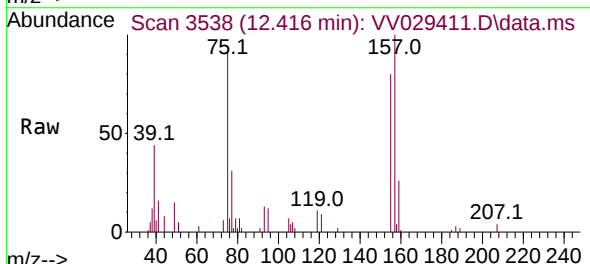
Instrument :
MSVOA_V
ClientSampleId :
VSTD010277

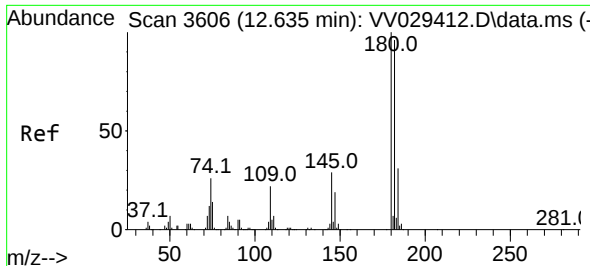
Tgt Ion:146 Resp: 65079
Ion Ratio Lower Upper
146 100
111 38.5 32.0 48.0
148 62.4 50.6 76.0



#68
1,2-Dibromo-3-chloropropane
Concen: 9.785 ug/L
RT: 12.416 min Scan# 3538
Delta R.T. 0.000 min
Lab File: VV029411.D
Acq: 07 Dec 2022 11:58

Tgt Ion: 75 Resp: 11072
Ion Ratio Lower Upper
75 100
155 87.3 76.2 114.2
157 109.5 96.0 144.0

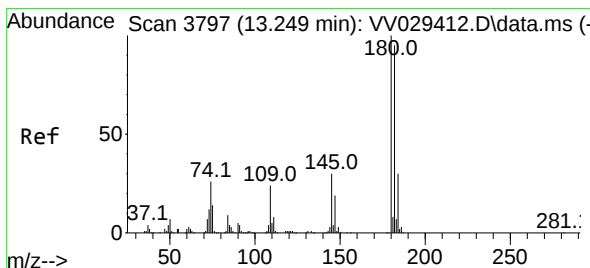
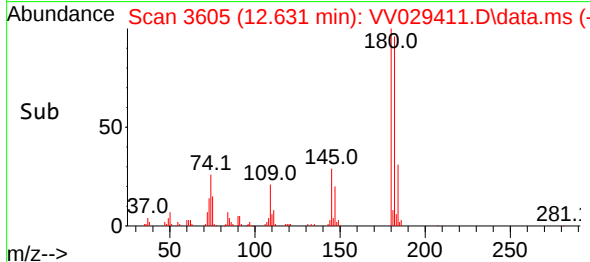
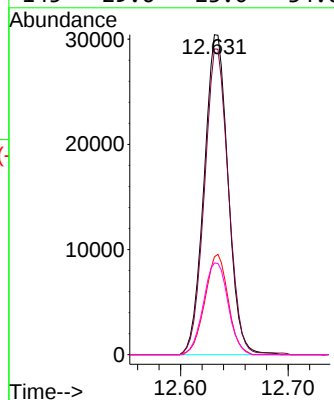
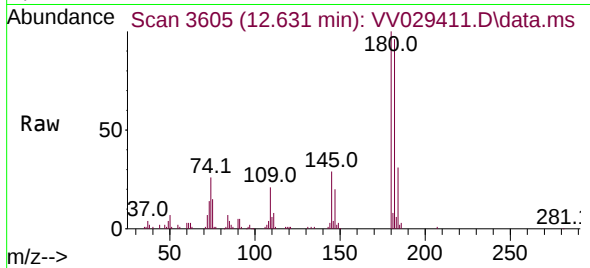




#69
 1,3,5-Trichlorobenzene
 Concen: 8.676 ug/L
 RT: 12.631 min Scan# 3605
 Delta R.T. -0.003 min
 Lab File: VV029411.D
 Acq: 07 Dec 2022 11:58

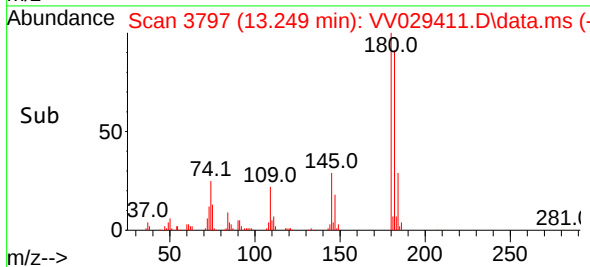
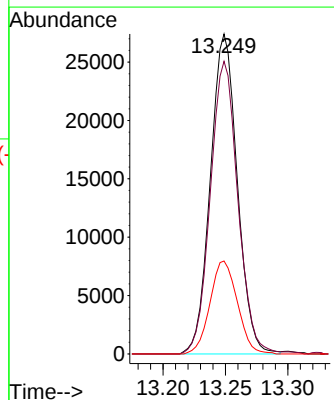
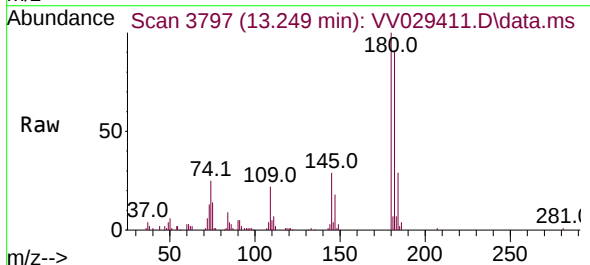
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010277

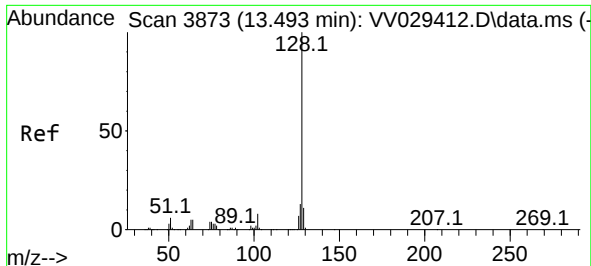
Tgt Ion:180	Resp:	47092
Ion Ratio	Lower	Upper
180	100	
182	95.6	76.5 114.7
184	30.4	24.6 36.8
145	29.6	23.0 34.6



#70
 1,2,4-trichlorobenzene
 Concen: 8.951 ug/L
 RT: 13.249 min Scan# 3797
 Delta R.T. 0.000 min
 Lab File: VV029411.D
 Acq: 07 Dec 2022 11:58

Tgt Ion:180	Resp:	41264
Ion Ratio	Lower	Upper
180	100	
182	93.3	76.3 114.5
145	29.5	23.7 35.5

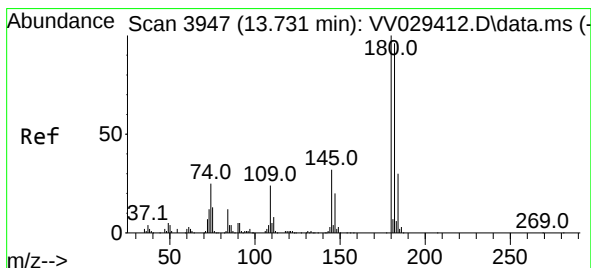
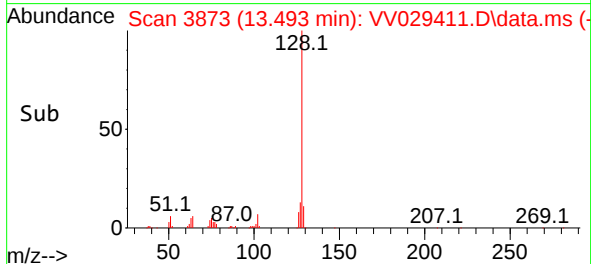
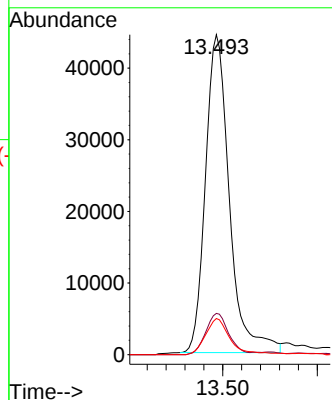
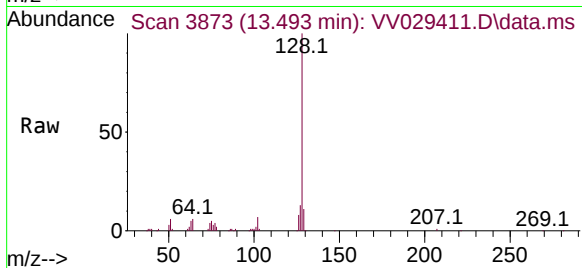




#71
Naphthalene
Concen: 6.206 ug/L
RT: 13.493 min Scan# 3873
Delta R.T. 0.000 min
Lab File: VV029411.D
Acq: 07 Dec 2022 11:58

Instrument :
MSVOA_V
ClientSampleId :
VSTD010277

Tgt Ion:128 Resp: 78091
Ion Ratio Lower Upper
128 100
127 12.4 10.2 15.4
129 11.3 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 9.111 ug/L
RT: 13.731 min Scan# 3947
Delta R.T. 0.000 min
Lab File: VV029411.D
Acq: 07 Dec 2022 11:58

Tgt Ion:180 Resp: 41639
Ion Ratio Lower Upper
180 100
182 93.8 76.4 114.6
145 31.7 25.0 37.6

