

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120722\
 Data File : VW029410.D
 Acq On : 07 Dec 2022 11:34
 Operator : SY/MD
 Sample : VSTD00576
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005276

Quant Time: Dec 08 00:31:23 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	5.603	114	513032	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	467639	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	245171	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	15304	4.828	ug/L	0.00
7) Chloroethane-d5	1.555	69	11128	4.305	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.101	63	22618	4.062	ug/L	0.00
21) 2-Butanone-d5	3.883	46	12592	4.904	ug/L	0.02
24) Chloroform-d	4.336	84	28002	4.236	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.024	65	15244	3.878	ug/L	0.00
32) Benzene-d6	5.040	84	56652	4.370	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.059	67	17288	4.228	ug/L	0.00
41) Toluene-d8	7.307	98	52323	4.345	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.612	79	8294	4.108	ug/L	0.00
47) 2-Hexanone-d5	8.085	63	13683	7.788	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.204	84	25040	4.606	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.612	152	22315	4.494	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	17897	5.027	ug/L	97
3) Chloromethane	1.240	50	24755	6.835	ug/L	98
5) Vinyl chloride	1.307	62	17382	4.944	ug/L	96
6) Bromomethane	1.507	94	8089	4.478	ug/L	98
8) Chloroethane	1.574	64	9302	4.413	ug/L	98
9) Trichlorofluoromethane	1.744	101	22653	4.575	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	12577	4.520	ug/L	98
12) 1,1-Dichloroethene	2.111	96	12744	4.885	ug/L	96
13) Acetone	2.156	43	11739	6.825	ug/L	95
14) Carbon disulfide	2.285	76	41680	5.667	ug/L	99
15) Methyl Acetate	2.423	43	13075	3.655	ug/L	96
16) Methylene chloride	2.497	84	16448	4.707	ug/L	99
17) trans-1,2-Dichloroethene	2.751	96	14284	4.668	ug/L	96
18) Methyl tert-butyl Ether	2.760	73	43367	4.132	ug/L	100
19) 1,1-Dichloroethane	3.178	63	24746	4.256	ug/L	95
20) cis-1,2-Dichloroethene	3.902	96	15032	4.209	ug/L	91
22) 2-Butanone	3.969	43	15095	6.042	ug/L	98
23) Bromochloromethane	4.236	128	7981	4.183	ug/L	97
25) Chloroform	4.362	83	24855	4.062	ug/L	96
27) 1,2-Dichloroethane	5.120	62	17993	4.186	ug/L	95
29) Cyclohexane	4.664	56	22410	4.707	ug/L #	91
30) 1,1,1-Trichloroethane	4.590	97	23290	4.457	ug/L	99
31) Carbon tetrachloride	4.815	117	19670	4.340	ug/L	97
33) Benzene	5.088	78	58619	4.628	ug/L	100
34) Trichloroethene	5.908	95	14368	4.077	ug/L	97
35) Methylcyclohexane	6.117	83	24991	4.979	ug/L	99
37) 1,2-Dichloropropane	6.165	63	13439	4.035	ug/L	97
38) Bromodichloromethane	6.500	83	19729	4.355	ug/L	97
39) cis-1,3-Dichloropropene	7.021	75	21194	4.019	ug/L	99
40) 4-Methyl-2-pentanone	7.220	43	31416	6.766	ug/L	99
42) Toluene	7.381	91	62202	4.549	ug/L	98
44) trans-1,3-Dichloropropene	7.645	75	20668	4.105	ug/L	95

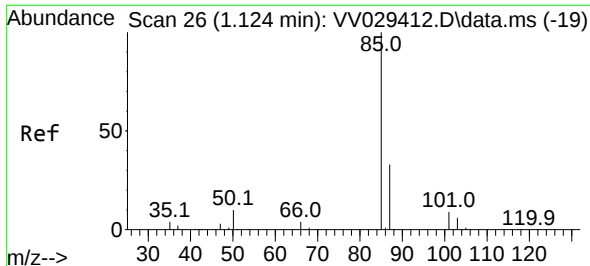
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120722\
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 Quant Title : VOC Analysis
 QLast Update : Thu Dec 08 00:30:51 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.831	97	15055	4.455	ug/L	99
46) Tetrachloroethene	7.966	164	11738	4.427	ug/L	97
48) 2-Hexanone	8.136	43	24636	6.896	ug/L	94
49) Dibromochloromethane	8.236	129	16353	4.269	ug/L	99
50) 1,2-Dibromoethane	8.342	107	15213	4.261	ug/L	97
51) Chlorobenzene	8.873	112	40398	4.461	ug/L	99
52) Ethylbenzene	9.005	91	65341	4.416	ug/L	99
53) m,p-Xylene	9.130	106	26006	4.501	ug/L	97
54) o-Xylene	9.532	106	25486	4.412	ug/L	94
55) Styrene	9.551	104	42739	4.386	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.230	83	23483	4.597	ug/L	97
59) Bromoform	9.722	173	12218	4.360	ug/L	97
60) Isopropylbenzene	9.921	105	64814	4.291	ug/L	98
61) 1,2,3-Trichloropropane	10.262	75	18146	4.272	ug/L	96
62) 1,3,5-Trimethylbenzene	10.529	105	56029	4.356	ug/L	98
63) 1,2,4-Trimethylbenzene	10.905	105	53662	4.112	ug/L	97
64) 1,3-Dichlorobenzene	11.172	146	31247	4.298	ug/L	97
65) 1,4-Dichlorobenzene	11.262	146	32768	4.478	ug/L	97
67) 1,2-Dichlorobenzene	11.632	146	32733	4.412	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.416	75	5582	4.886	ug/L	90
69) 1,3,5-Trichlorobenzene	12.631	180	23800	4.343	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	20721	4.452	ug/L	99
71) Naphthalene	13.493	128	32795	2.581	ug/L	100
72) 1,2,3-Trichlorobenzene	13.731	180	20318	4.403	ug/L	99

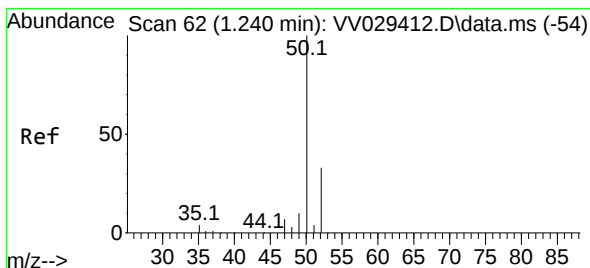
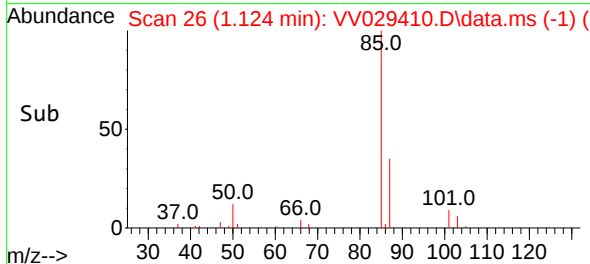
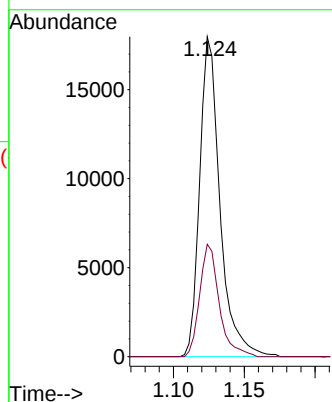
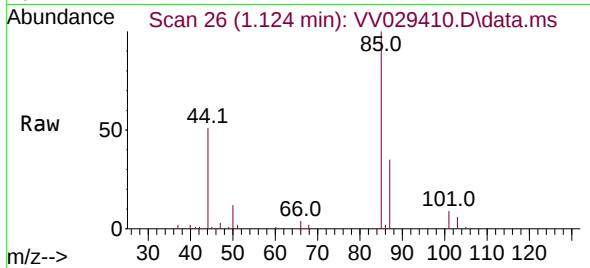
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 5.027 ug/L
 RT: 1.124 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV029410.D
 Acq: 07 Dec 2022 11:34

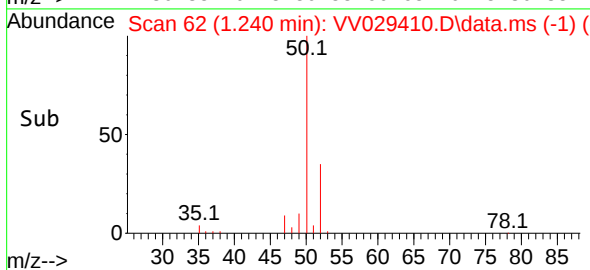
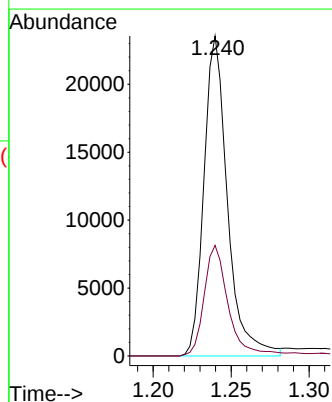
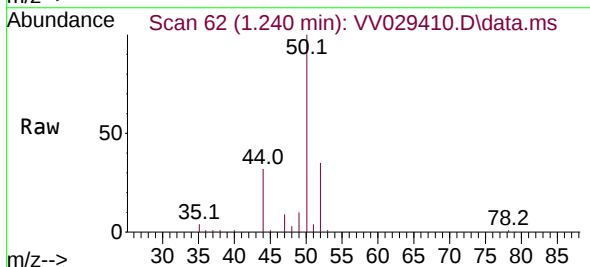
Instrument :
 MSVOA_V
 ClientSampleId :
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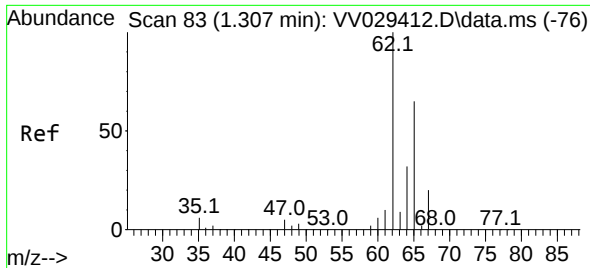
Tgt Ion: 85 Resp: 17897
 Ion Ratio Lower Upper
 85 100
 87 33.8 25.9 38.9



#3
 Chloromethane
 Concen: 6.835 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV029410.D
 Acq: 07 Dec 2022 11:34

Tgt Ion: 50 Resp: 24755
 Ion Ratio Lower Upper
 50 100
 52 34.6 23.3 43.3

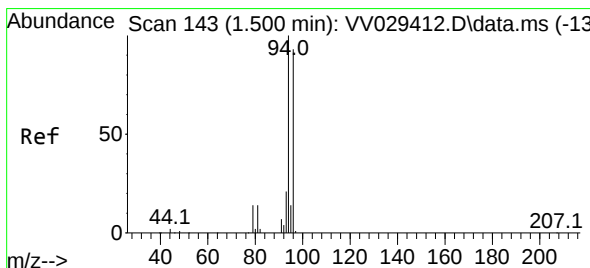
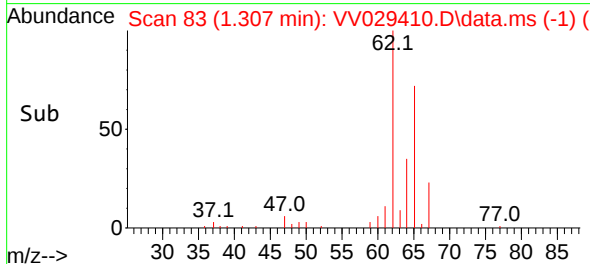
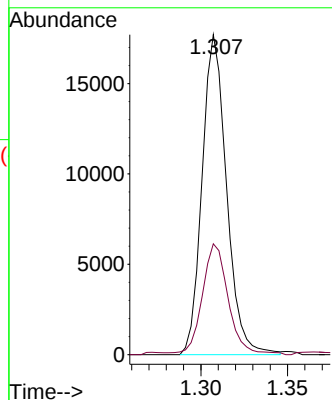
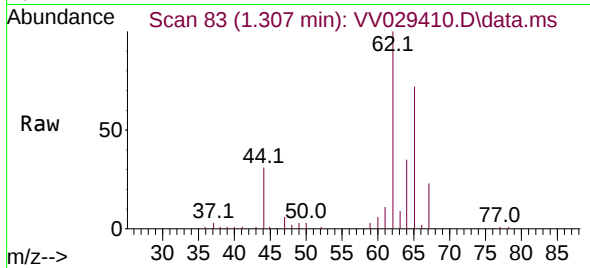




#5
 Vinyl chloride
 Concen: 4.944 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV029410.D
 Acq: 07 Dec 2022 11:34

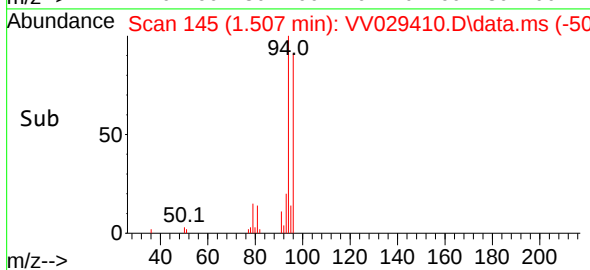
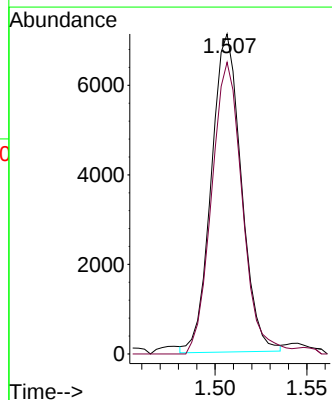
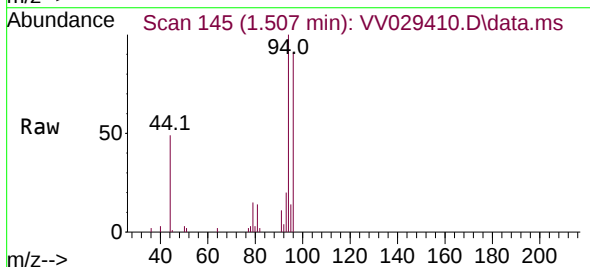
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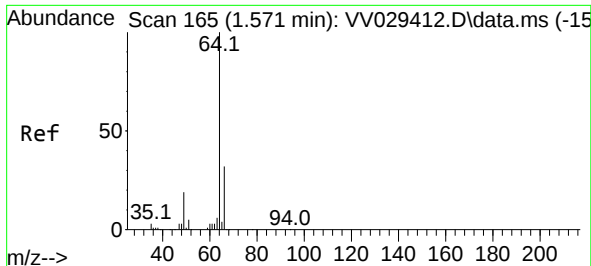
Tgt Ion: 62 Resp: 17382
 Ion Ratio Lower Upper
 62 100
 64 34.7 22.5 41.9



#6
 Bromomethane
 Concen: 4.478 ug/L
 RT: 1.507 min Scan# 145
 Delta R.T. 0.006 min
 Lab File: VV029410.D
 Acq: 07 Dec 2022 11:34

Tgt Ion: 94 Resp: 8089
 Ion Ratio Lower Upper
 94 100
 96 91.1 65.1 120.9

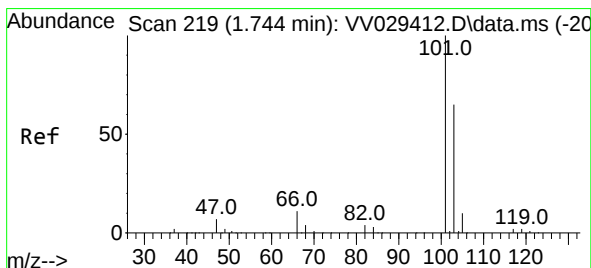
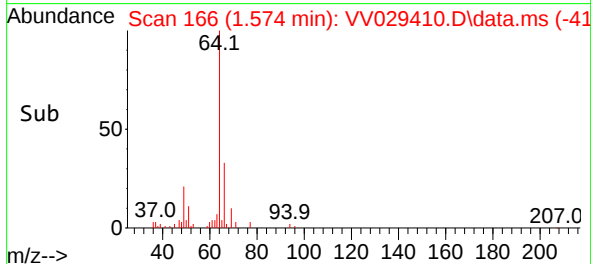
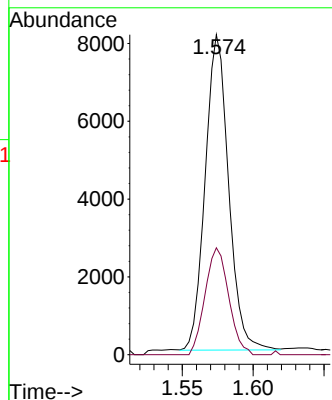
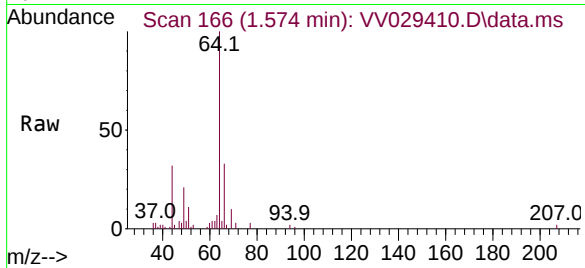




#8
Chloroethane
Concen: 4.413 ug/L
RT: 1.574 min Scan# 165
Delta R.T. 0.003 min
Lab File: VV029410.D
Acq: 07 Dec 2022 11:34

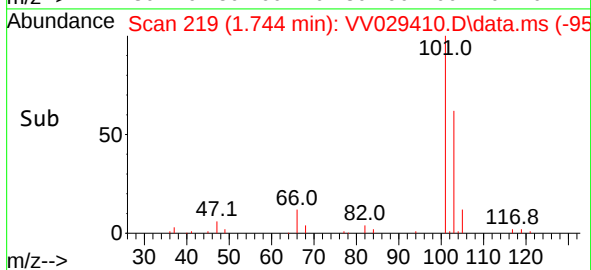
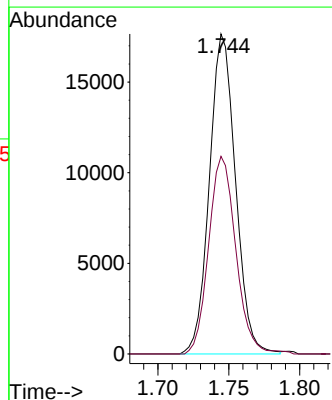
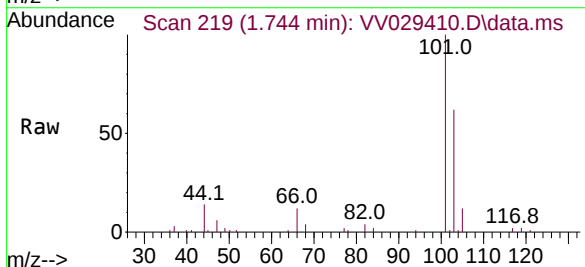
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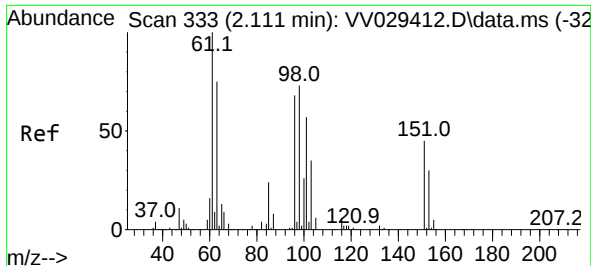
Tgt Ion: 64 Resp: 9302
Ion Ratio Lower Upper
64 100
66 33.4 22.5 41.9



#9
Trichlorofluoromethane
Concen: 4.575 ug/L
RT: 1.744 min Scan# 219
Delta R.T. 0.000 min
Lab File: VV029410.D
Acq: 07 Dec 2022 11:34

Tgt Ion:101 Resp: 22653
Ion Ratio Lower Upper
101 100
103 64.2 51.8 77.8

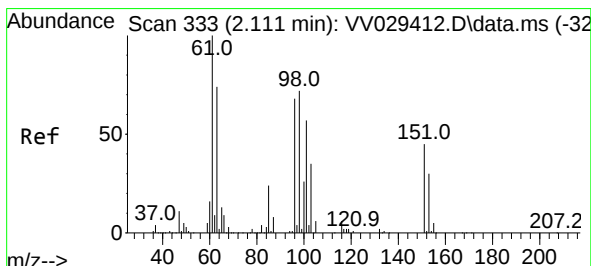
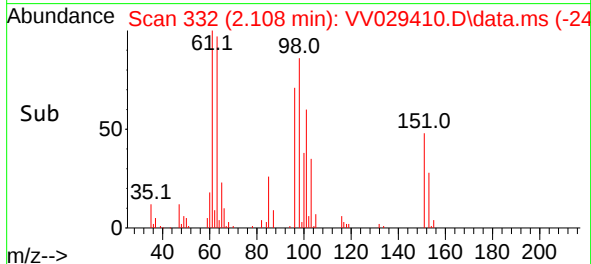
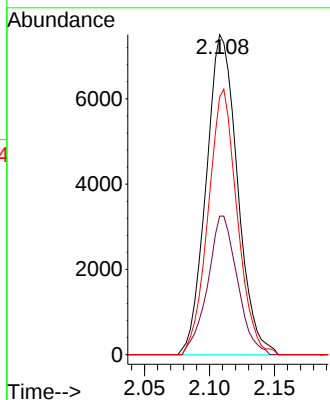
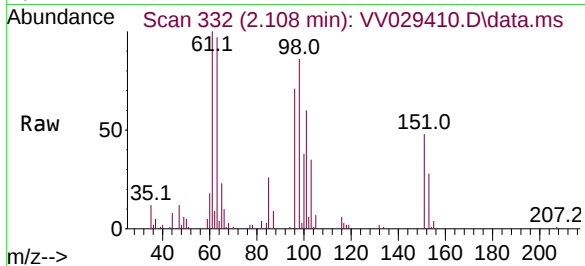




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.520 ug/L
 RT: 2.108 min Scan# 311
 Delta R.T. -0.003 min
 Lab File: VV029410.D
 Acq: 07 Dec 2022 11:34

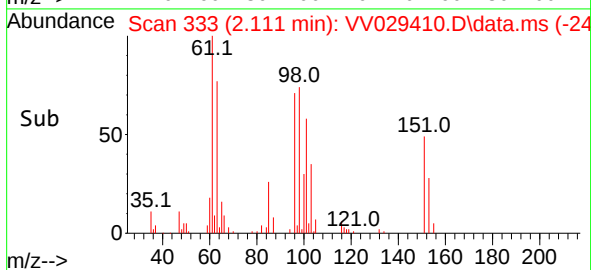
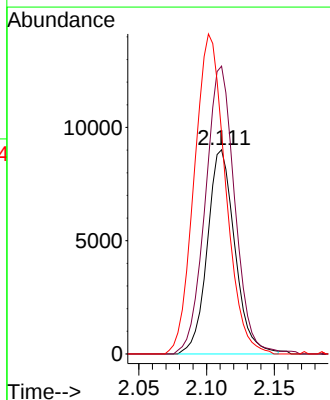
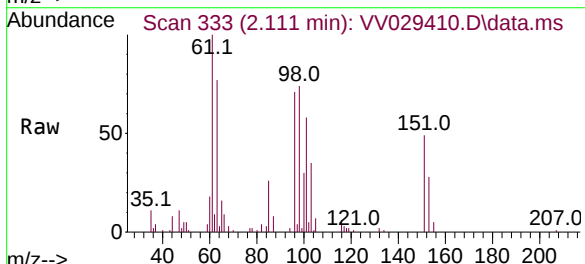
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 ClientSampleId :
 VSTD005276

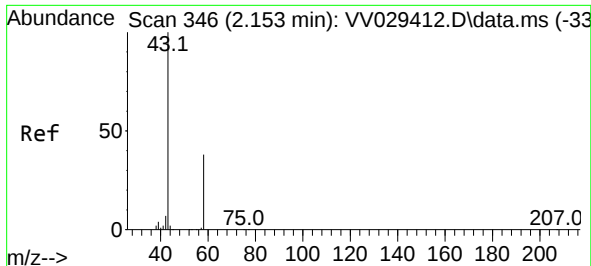
Tgt Ion:101 Resp: 12577
 Ion Ratio Lower Upper
 101 100
 85 41.1 33.6 50.4
 151 76.9 63.5 95.3



#12
 1,1-Dichloroethene
 Concen: 4.885 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.000 min
 Lab File: VV029410.D
 Acq: 07 Dec 2022 11:34

Tgt Ion: 96 Resp: 12744
 Ion Ratio Lower Upper
 96 100
 61 141.0 103.3 191.9
 63 108.3 77.3 143.7





#13

Acetone

Concen: 6.825 ug/L

RT: 2.156 min Scan# 34

Delta R.T. 0.003 min

Lab File: VV029410.D

Acq: 07 Dec 2022 11:34

Instrument :

MSVOA_V

ClientSampleId :

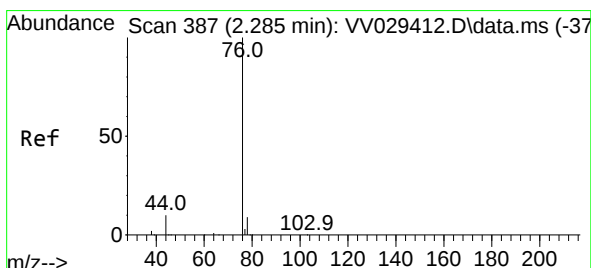
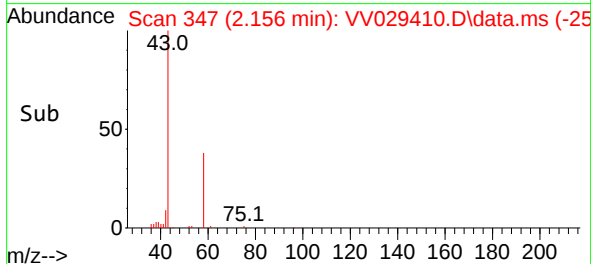
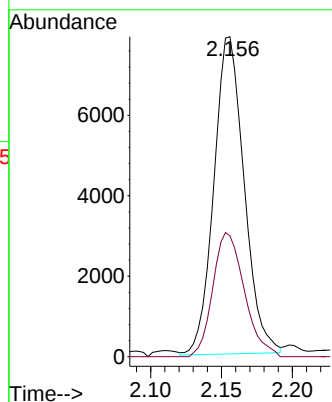
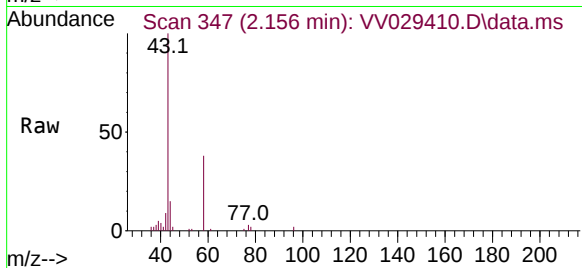
VSTD005276

Tgt Ion: 43 Resp: 11739

Ion Ratio Lower Upper

43 100

58 40.6 0.0 74.8



#14

Carbon disulfide

Concen: 5.667 ug/L

RT: 2.285 min Scan# 387

Delta R.T. 0.000 min

Lab File: VV029410.D

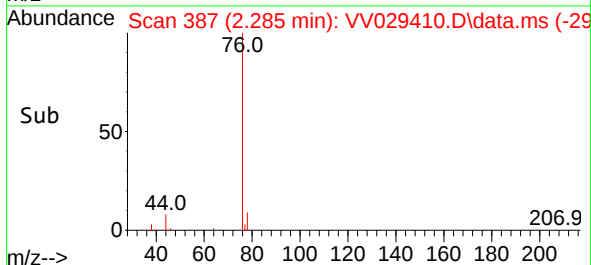
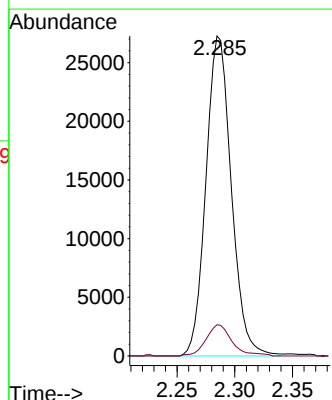
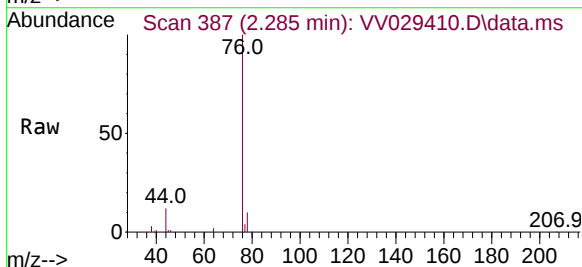
Acq: 07 Dec 2022 11:34

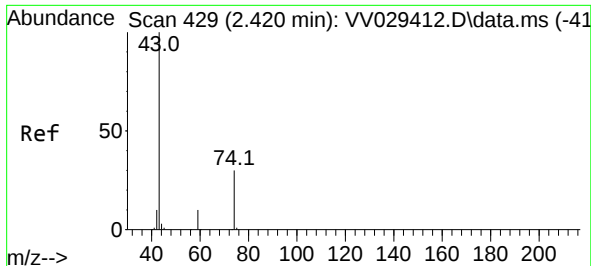
Tgt Ion: 76 Resp: 41680

Ion Ratio Lower Upper

76 100

78 9.7 7.4 11.2

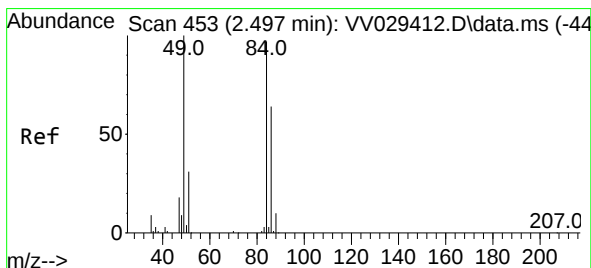
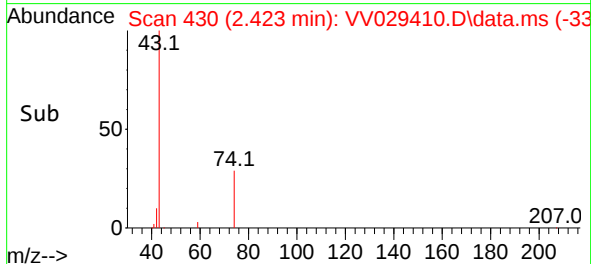
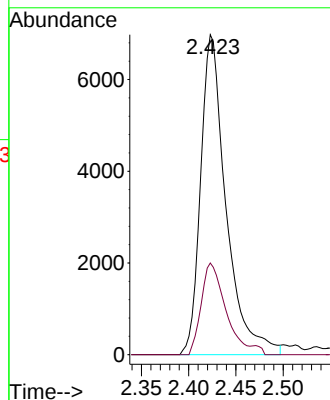
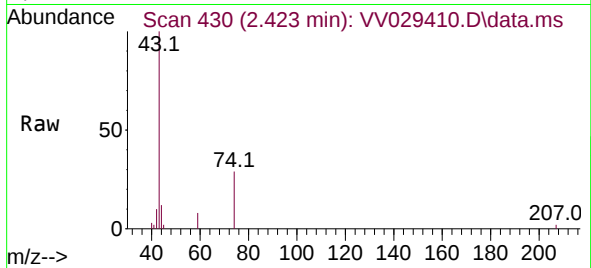




#15
Methyl Acetate
Concen: 3.655 ug/L
RT: 2.423 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV029410.D
Acq: 07 Dec 2022 11:34

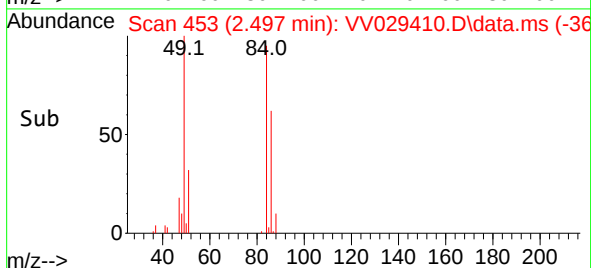
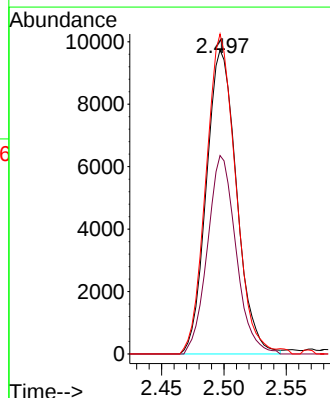
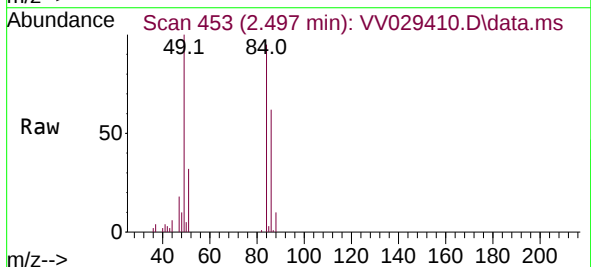
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VSTD005276

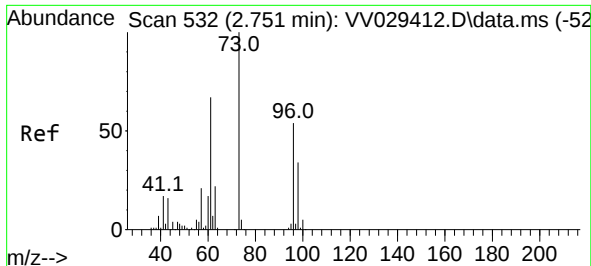
Tgt Ion: 43 Resp: 13075
Ion Ratio Lower Upper
43 100
74 27.1 23.5 35.3



#16
Methylene chloride
Concen: 4.707 ug/L
RT: 2.497 min Scan# 453
Delta R.T. 0.000 min
Lab File: VV029410.D
Acq: 07 Dec 2022 11:34

Tgt Ion: 84 Resp: 16448
Ion Ratio Lower Upper
84 100
86 65.3 46.0 85.4
49 105.2 72.2 134.0

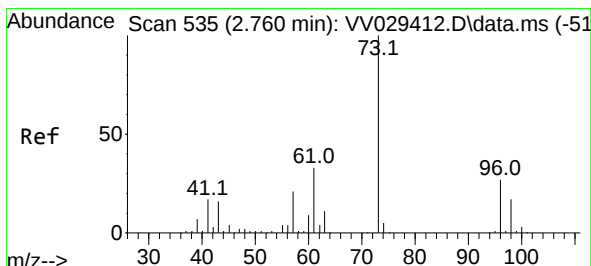
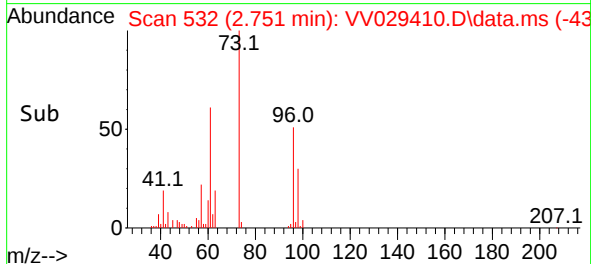
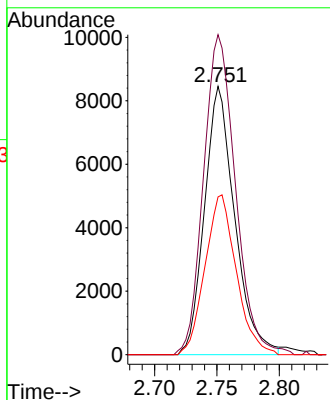
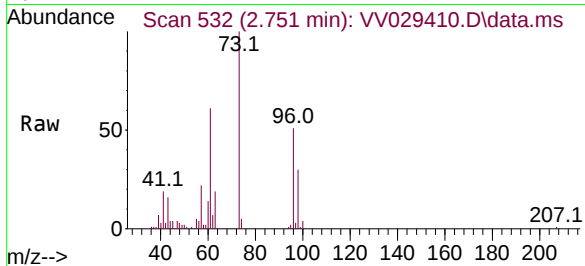




#17
trans-1,2-Dichloroethene
Concen: 4.668 ug/L
RT: 2.751 min Scan# 511
Delta R.T. 0.000 min
Lab File: VV029410.D
Acq: 07 Dec 2022 11:34

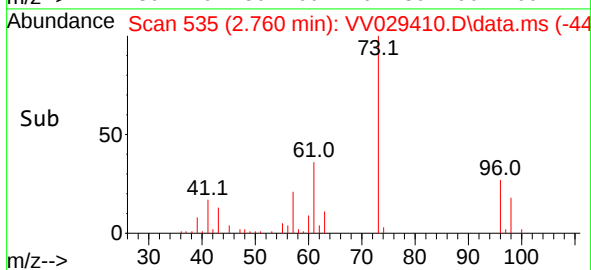
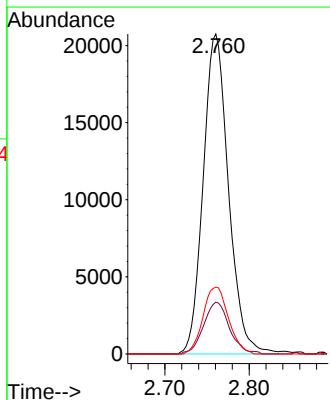
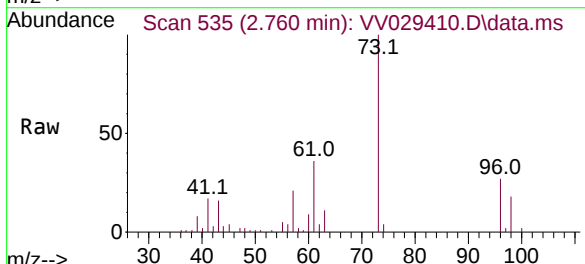
Instrument :
MSVOA_V
ClientSampleId :
VSTD005276

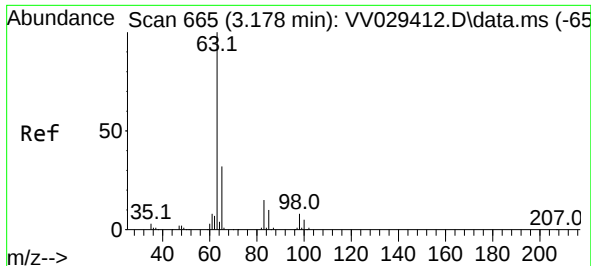
Tgt Ion: 96 Resp: 14284
Ion Ratio Lower Upper
96 100
61 119.3 86.4 160.4
98 58.8 43.4 80.6



#18
Methyl tert-butyl Ether
Concen: 4.132 ug/L
RT: 2.760 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV029410.D
Acq: 07 Dec 2022 11:34

Tgt Ion: 73 Resp: 43367
Ion Ratio Lower Upper
73 100
43 16.3 12.7 19.1
57 20.9 16.7 25.1

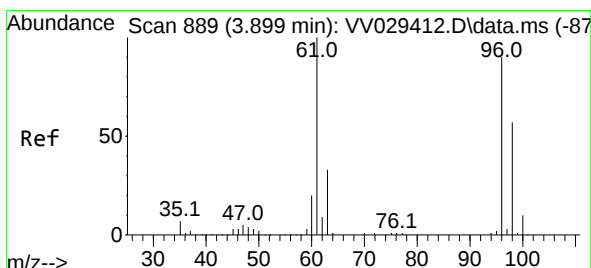
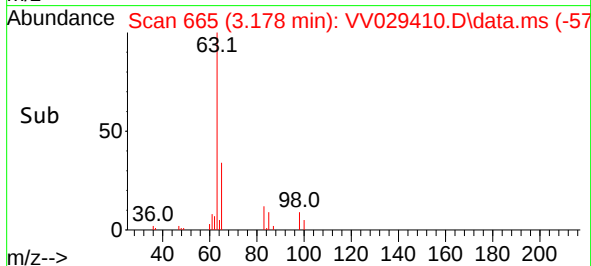
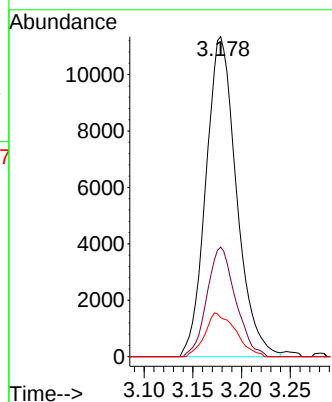
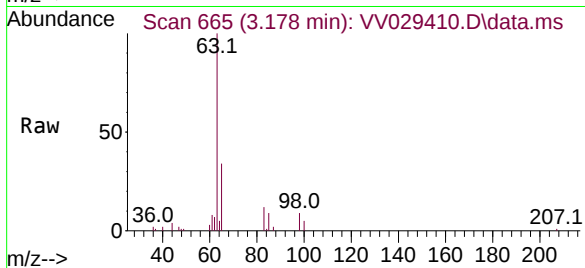




#19
1,1-Dichloroethane
Concen: 4.256 ug/L
RT: 3.178 min Scan# 665
Delta R.T. 0.000 min
Lab File: VV029410.D
Acq: 07 Dec 2022 11:34

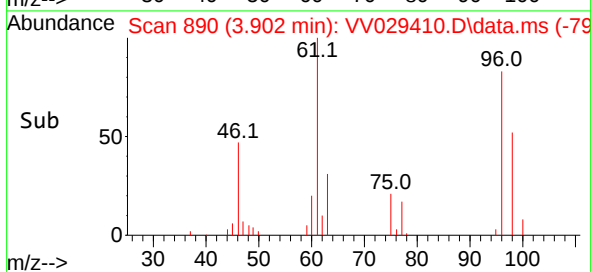
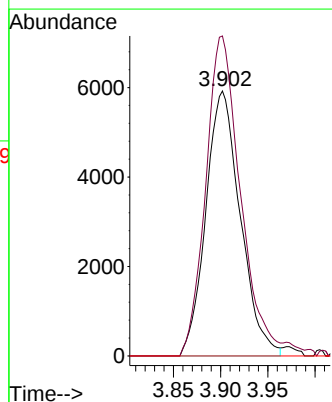
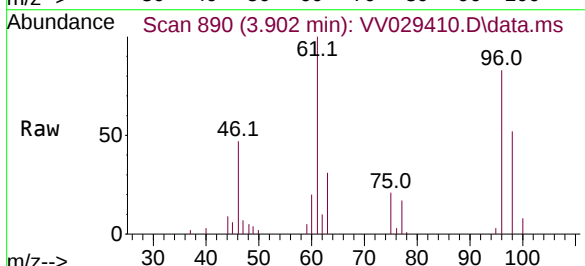
Instrument :
MSVOA_V
ClientSampleId :
VSTD005276

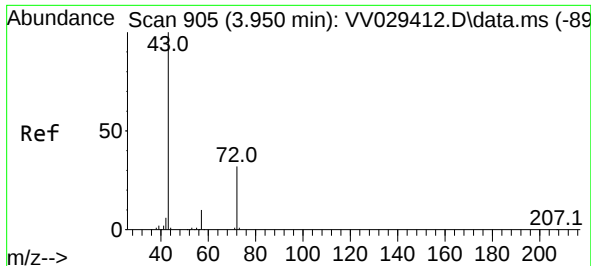
Tgt Ion: 63	Resp: 24746
Ion Ratio	Lower Upper
63 100	
65 34.3	22.5 41.7
83 12.2	10.4 19.2



#20
cis-1,2-Dichloroethene
Concen: 4.209 ug/L
RT: 3.902 min Scan# 890
Delta R.T. 0.003 min
Lab File: VV029410.D
Acq: 07 Dec 2022 11:34

Tgt Ion: 96	Resp: 15032
Ion Ratio	Lower Upper
96 100	
61 120.8	78.0 144.9
68 0.0	0.0 0.0

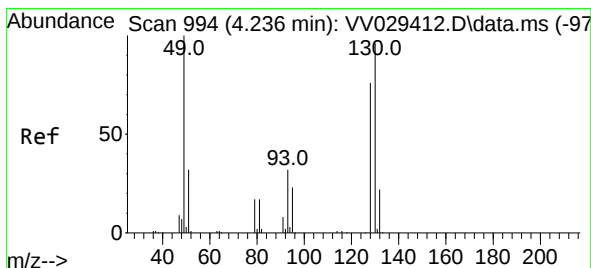
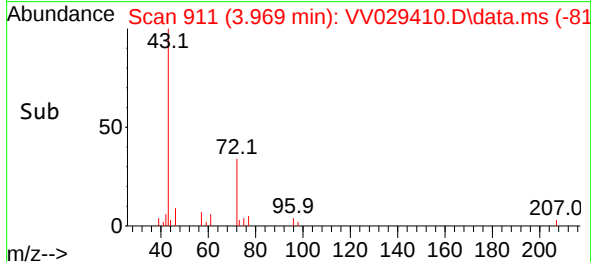
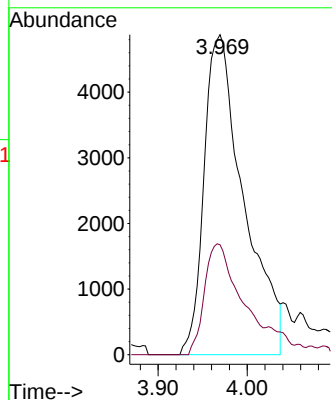
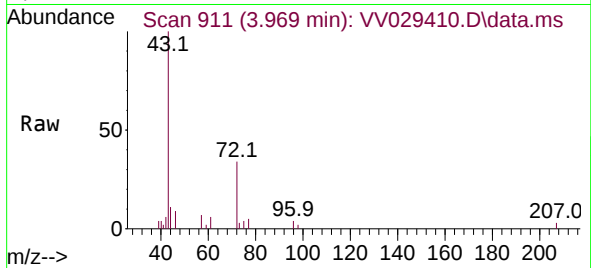




#22
2-Butanone
Concen: 6.042 ug/L
RT: 3.969 min Scan# 911
Delta R.T. 0.019 min
Lab File: VV029410.D
Acq: 07 Dec 2022 11:34

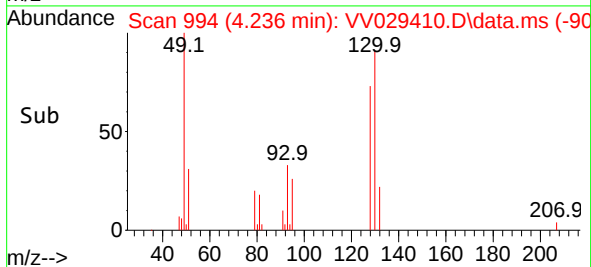
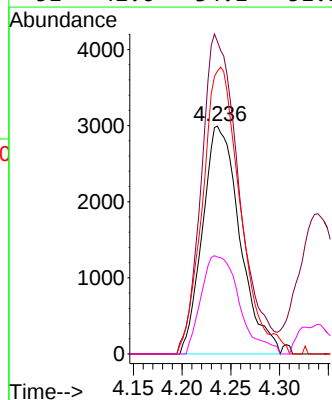
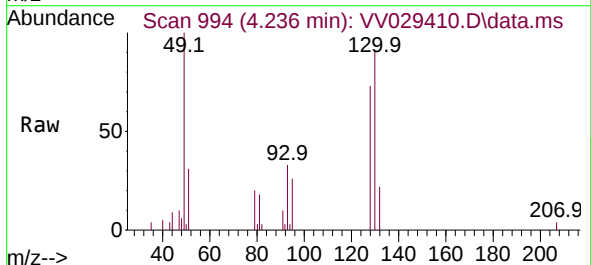
Instrument :
MSVOA_V
ClientSampleId :
VSTD005276

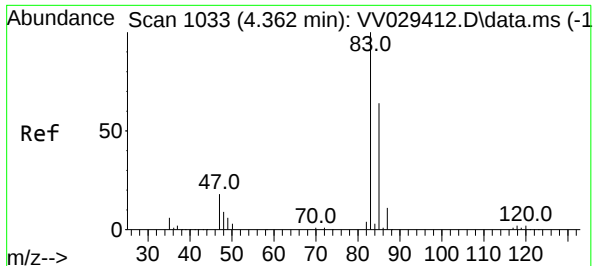
Tgt Ion: 43 Resp: 15095
Ion Ratio Lower Upper
43 100
72 30.8 15.9 47.6



#23
Bromochloromethane
Concen: 4.183 ug/L
RT: 4.236 min Scan# 994
Delta R.T. 0.000 min
Lab File: VV029410.D
Acq: 07 Dec 2022 11:34

Tgt Ion:128 Resp: 7981
Ion Ratio Lower Upper
128 100
49 137.1 92.2 171.2
130 124.2 88.3 164.1
51 42.6 34.1 51.1

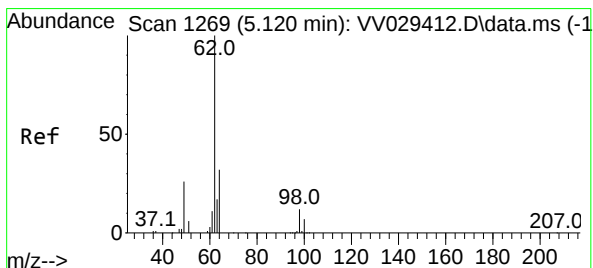
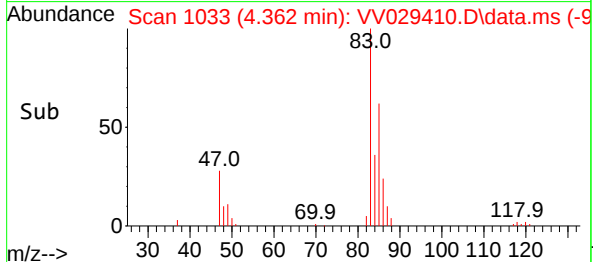
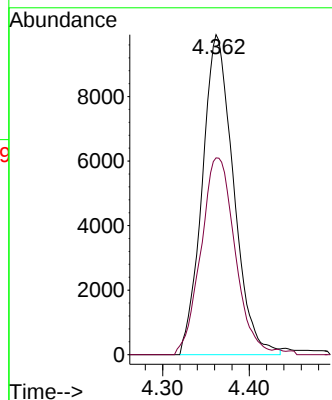
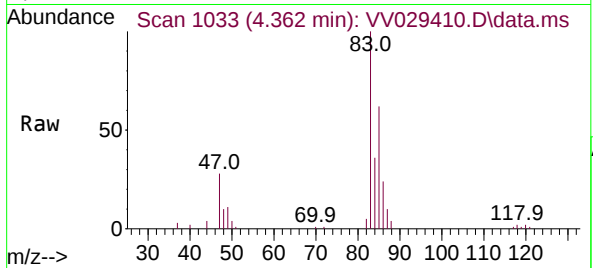




#25
Chloroform
Concen: 4.062 ug/L
RT: 4.362 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VV029410.D
Acq: 07 Dec 2022 11:34

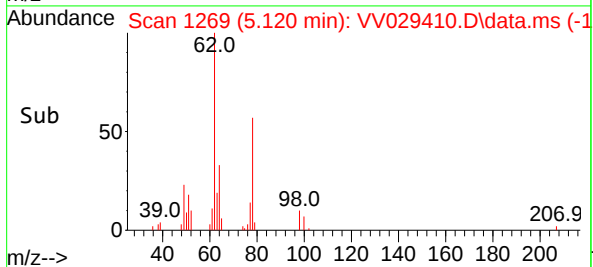
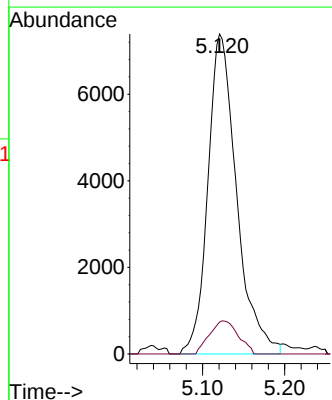
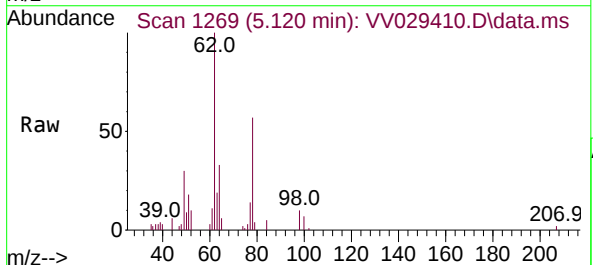
Instrument :
MSVOA_V
ClientSampleId :
VSTD005276

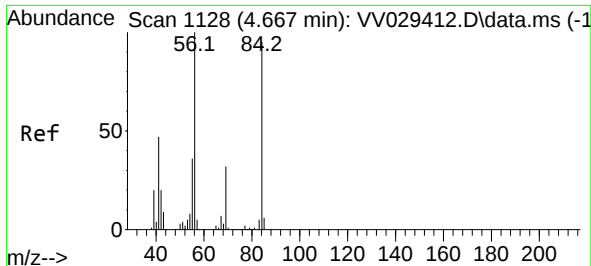
Tgt Ion: 83 Resp: 24855
Ion Ratio Lower Upper
83 100
85 61.5 45.1 83.9



#27
1,2-Dichloroethane
Concen: 4.186 ug/L
RT: 5.120 min Scan# 1269
Delta R.T. 0.000 min
Lab File: VV029410.D
Acq: 07 Dec 2022 11:34

Tgt Ion: 62 Resp: 17993
Ion Ratio Lower Upper
62 100
98 9.9 9.4 14.0

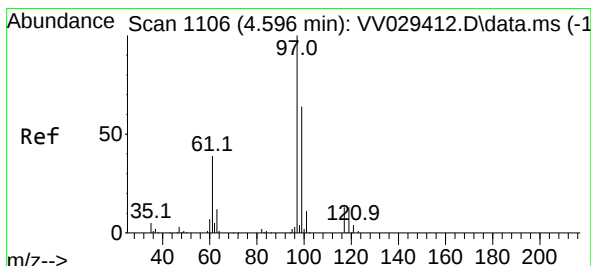
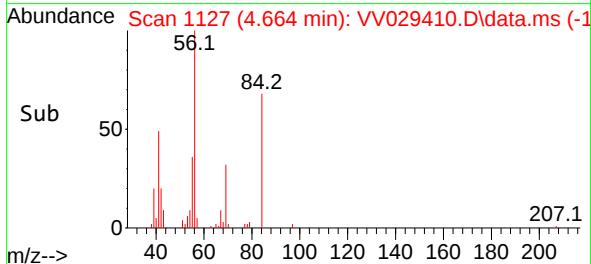
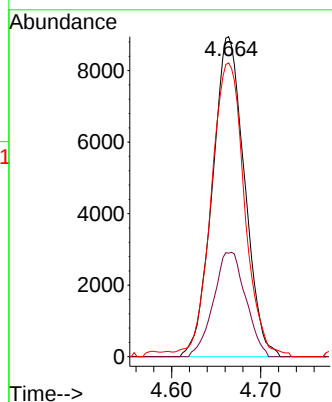
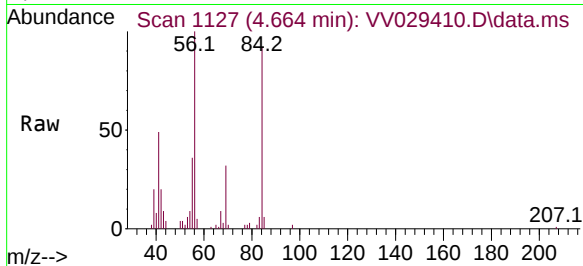




#29
Cyclohexane
Concen: 4.707 ug/L
RT: 4.664 min Scan# 1128
Delta R.T. -0.003 min
Lab File: VV029410.D
Acq: 07 Dec 2022 11:34

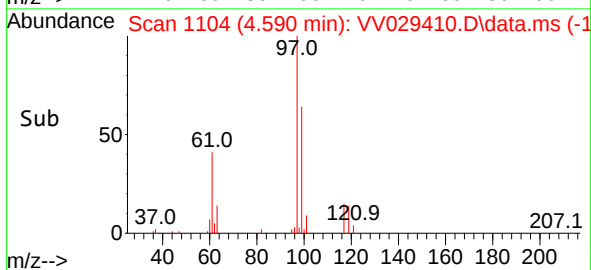
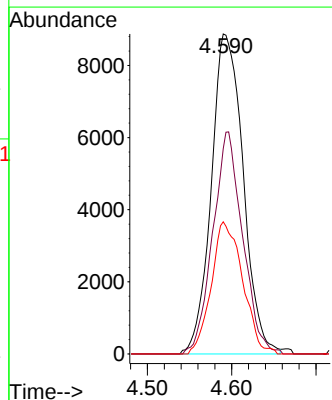
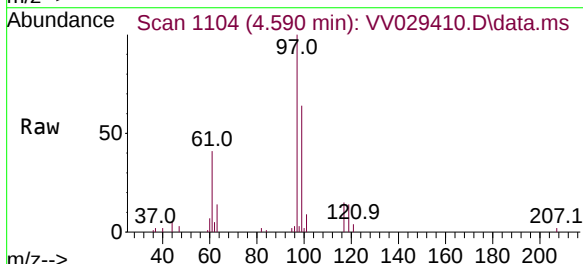
Instrument :
MSVOA_V
ClientSampleId :
VSTD005276

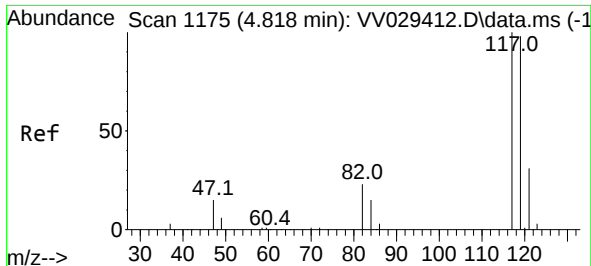
Tgt Ion: 56 Resp: 22410
Ion Ratio Lower Upper
56 100
69 16.6 25.8 38.8#
84 92.9 76.6 114.8



#30
1,1,1-Trichloroethane
Concen: 4.457 ug/L
RT: 4.590 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VV029410.D
Acq: 07 Dec 2022 11:34

Tgt Ion: 97 Resp: 23290
Ion Ratio Lower Upper
97 100
99 64.8 52.1 78.1
61 40.3 31.8 47.8

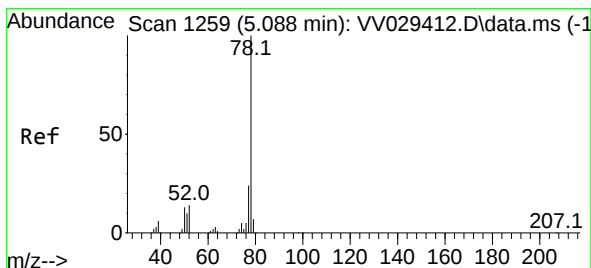
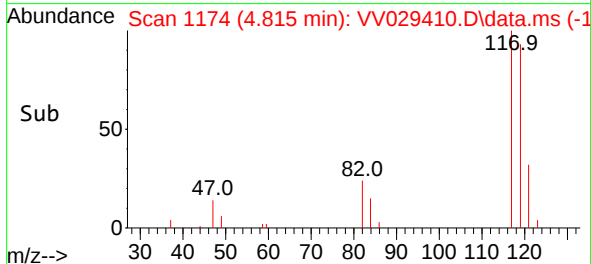
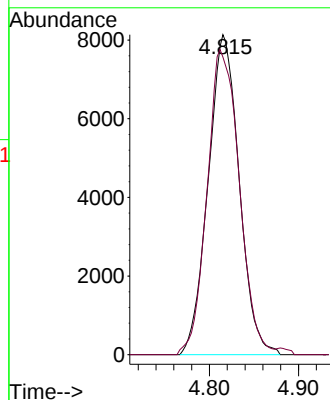
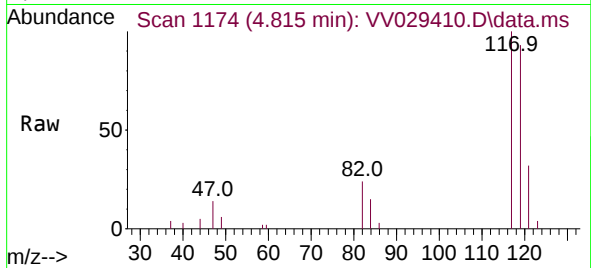




#31
Carbon tetrachloride
Concen: 4.340 ug/L
RT: 4.815 min Scan# 1175
Delta R.T. -0.003 min
Lab File: VV029410.D
Acq: 07 Dec 2022 11:34

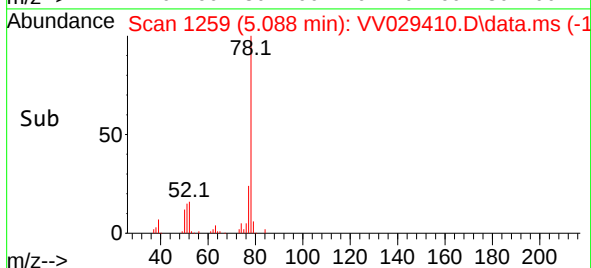
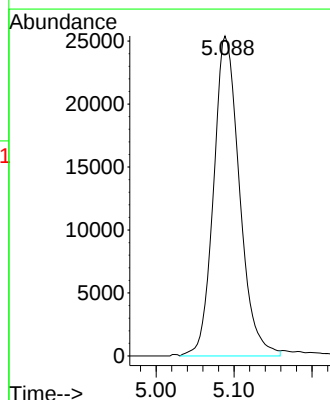
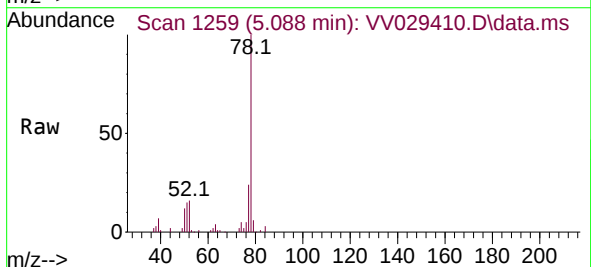
Instrument : MSVOA_V
ClientSampleId : VSTD005276

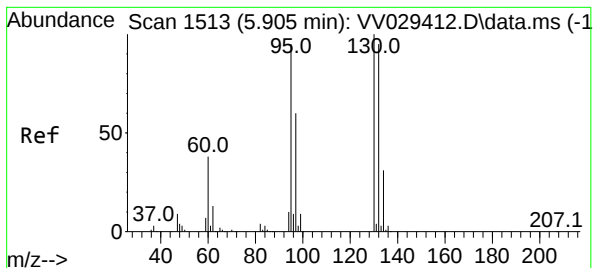
Tgt Ion:117 Resp: 19670
Ion Ratio Lower Upper
117 100
119 99.0 76.7 115.1



#33
Benzene
Concen: 4.628 ug/L
RT: 5.088 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VV029410.D
Acq: 07 Dec 2022 11:34

Tgt Ion: 78 Resp: 58619





#34

Trichloroethene

Concen: 4.077 ug/L

RT: 5.908 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV029410.D

Acq: 07 Dec 2022 11:34

Instrument :

MSVOA_V

ClientSampleId :

VSTD005276

Tgt Ion: 95 Resp: 14368

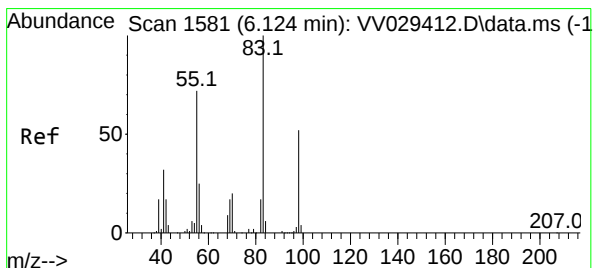
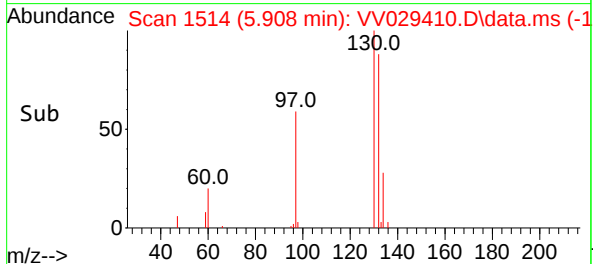
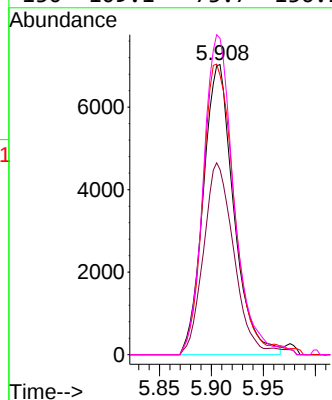
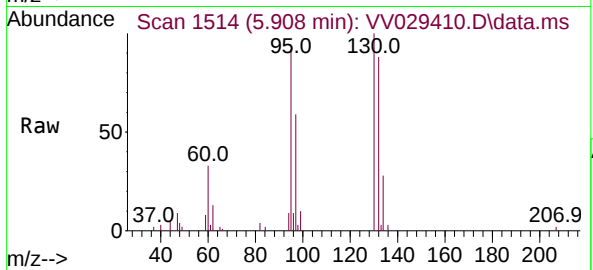
Ion Ratio Lower Upper

95 100

97 63.8 44.0 81.8

132 96.3 69.9 129.9

130 109.1 73.7 136.9



#35

Methylcyclohexane

Concen: 4.979 ug/L

RT: 6.117 min Scan# 1579

Delta R.T. -0.006 min

Lab File: VV029410.D

Acq: 07 Dec 2022 11:34

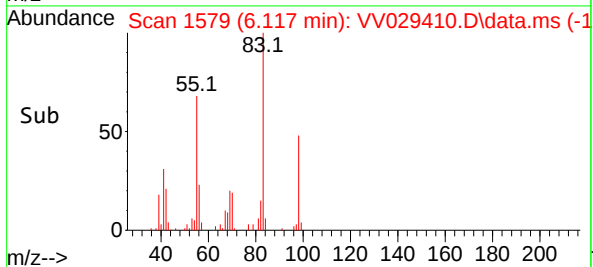
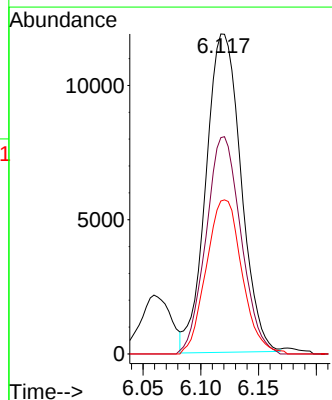
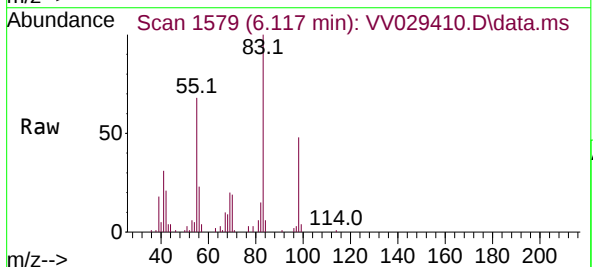
Tgt Ion: 83 Resp: 24991

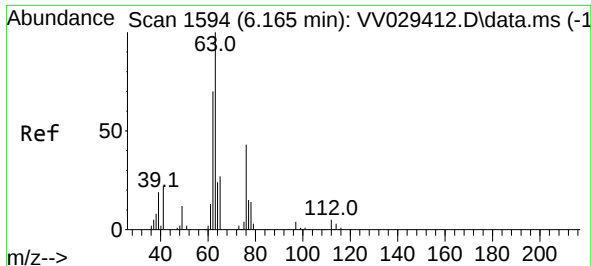
Ion Ratio Lower Upper

83 100

55 68.3 55.5 83.3

98 49.3 39.8 59.8





#37

1,2-Dichloropropane

Concen: 4.035 ug/L

RT: 6.165 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV029410.D

Acq: 07 Dec 2022 11:34

Instrument :

MSVOA_V

ClientSampleId :

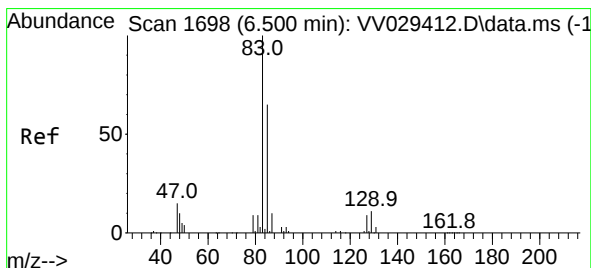
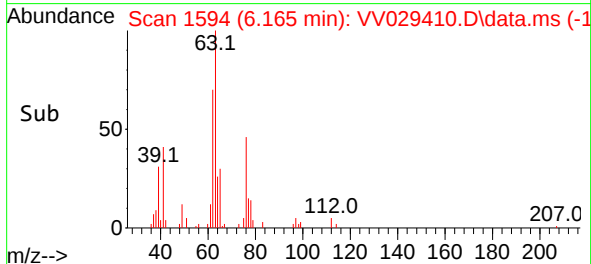
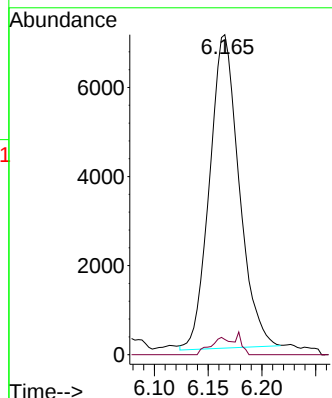
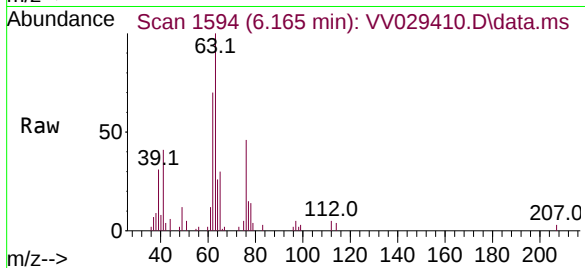
VSTD005276

Tgt Ion: 63 Resp: 13439

Ion Ratio Lower Upper

63 100

112 4.1 3.9 5.9



#38

Bromodichloromethane

Concen: 4.355 ug/L

RT: 6.500 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VV029410.D

Acq: 07 Dec 2022 11:34

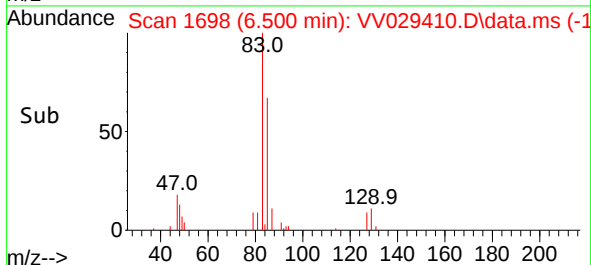
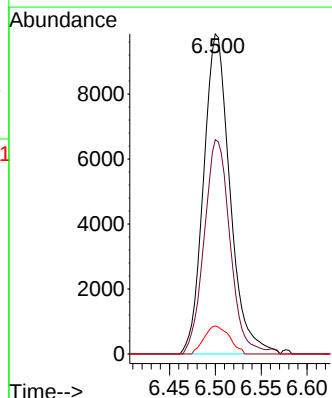
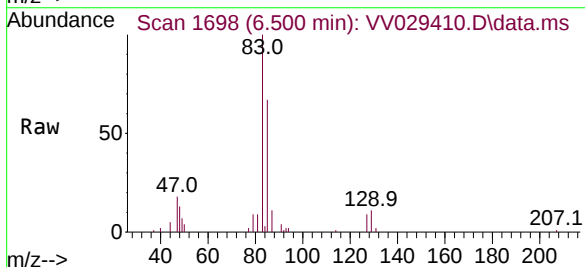
Tgt Ion: 83 Resp: 19729

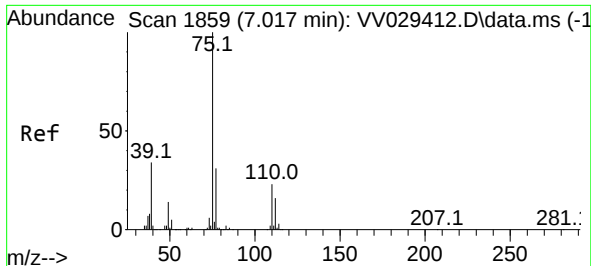
Ion Ratio Lower Upper

83 100

85 67.0 45.3 84.1

127 8.8 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 4.019 ug/L

RT: 7.021 min Scan# 1860

Delta R.T. 0.003 min

Lab File: VV029410.D

Acq: 07 Dec 2022 11:34

Instrument :

MSVOA_V

ClientSampleId :

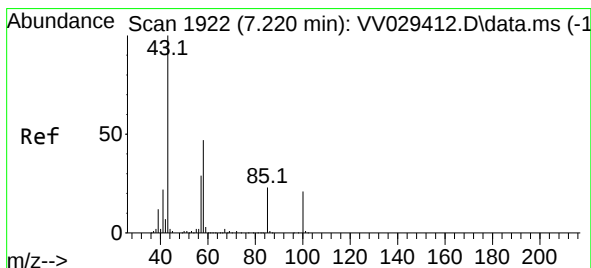
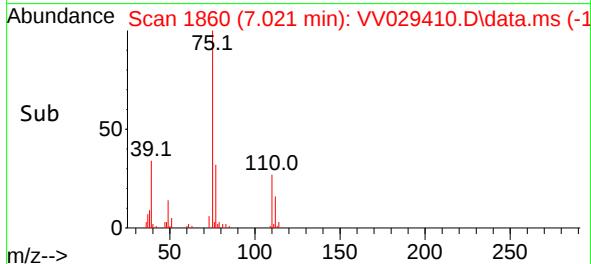
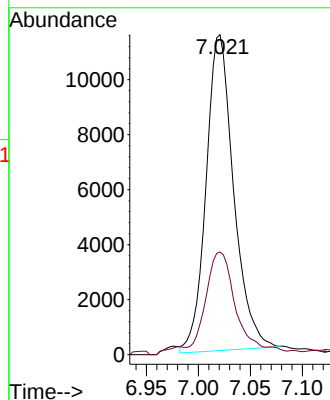
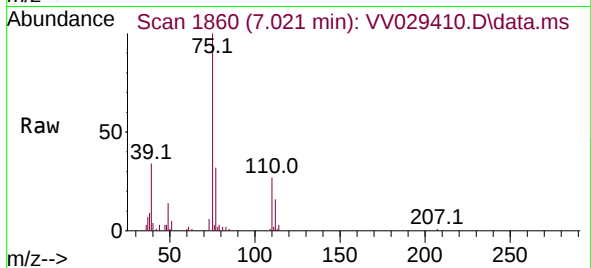
VSTD005276

Tgt Ion: 75 Resp: 21194

Ion Ratio Lower Upper

75 100

77 32.1 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 6.766 ug/L

RT: 7.220 min Scan# 1922

Delta R.T. 0.000 min

Lab File: VV029410.D

Acq: 07 Dec 2022 11:34

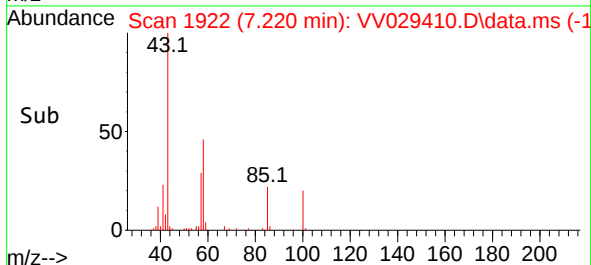
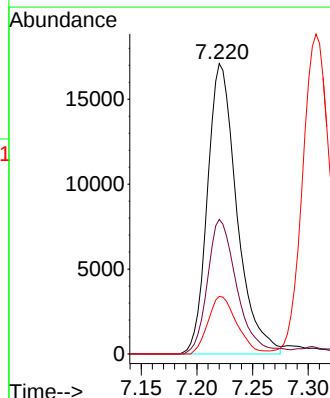
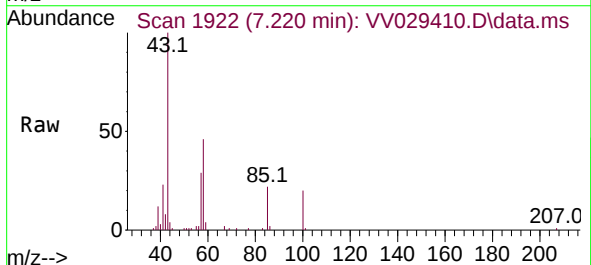
Tgt Ion: 43 Resp: 31416

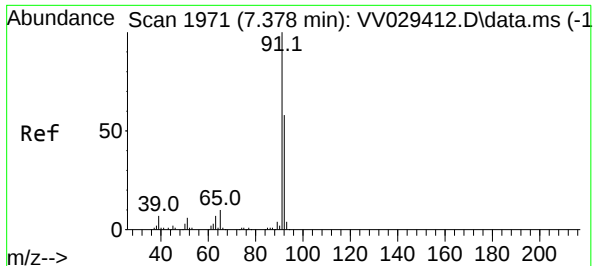
Ion Ratio Lower Upper

43 100

58 46.8 37.5 56.3

100 19.4 16.7 25.1

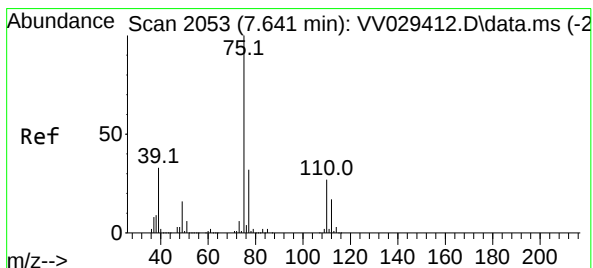
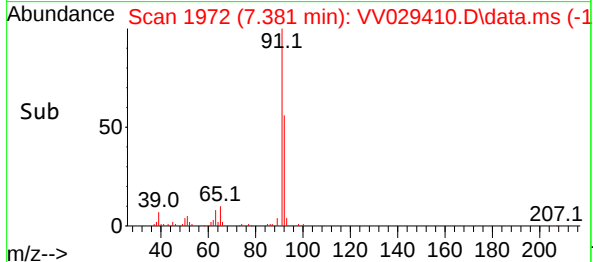
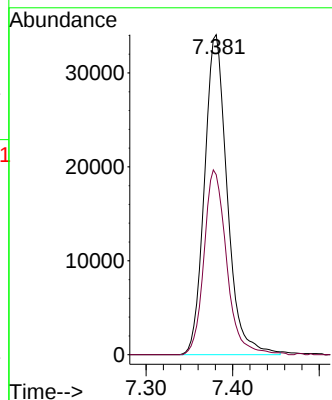
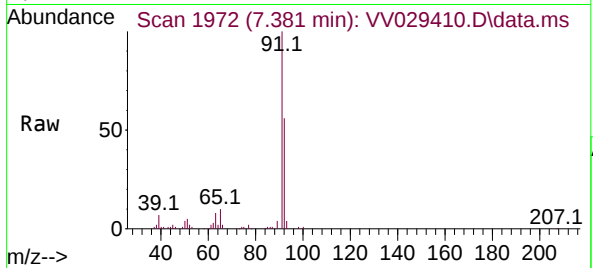




#42
Toluene
Concen: 4.549 ug/L
RT: 7.381 min Scan# 1971
Delta R.T. 0.003 min
Lab File: VV029410.D
Acq: 07 Dec 2022 11:34

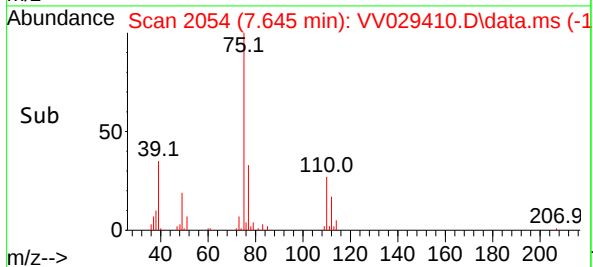
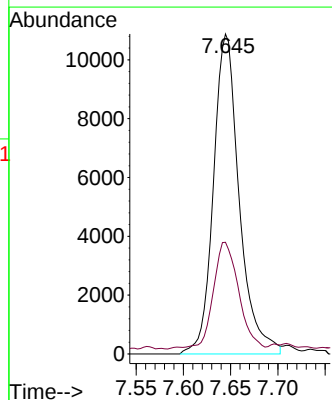
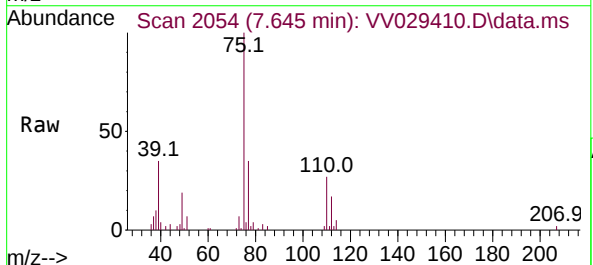
Instrument :
MSVOA_V
ClientSampleId :
VSTD005276

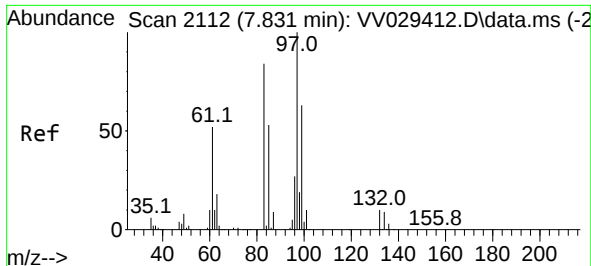
Tgt Ion: 91 Resp: 62202
Ion Ratio Lower Upper
91 100
92 56.3 40.6 75.4



#44
trans-1,3-Dichloropropene
Concen: 4.105 ug/L
RT: 7.645 min Scan# 2054
Delta R.T. 0.003 min
Lab File: VV029410.D
Acq: 07 Dec 2022 11:34

Tgt Ion: 75 Resp: 20668
Ion Ratio Lower Upper
75 100
77 34.9 22.3 41.5

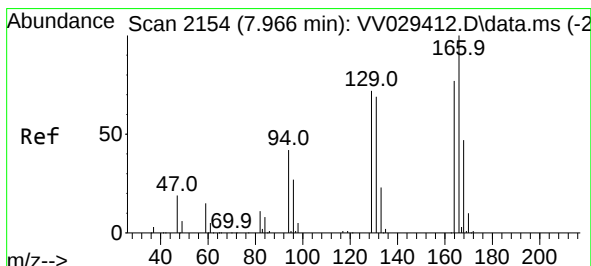
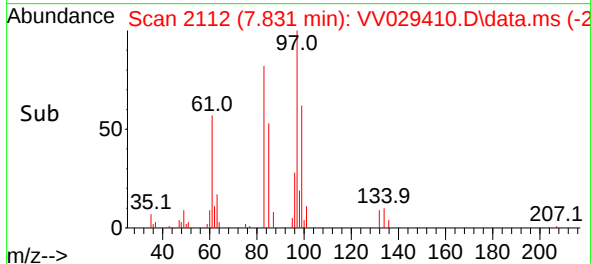
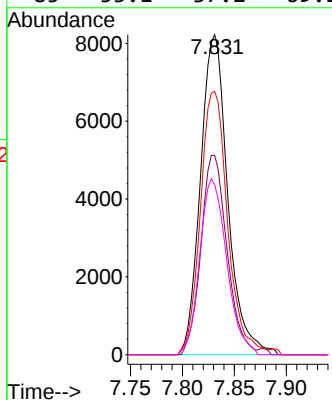
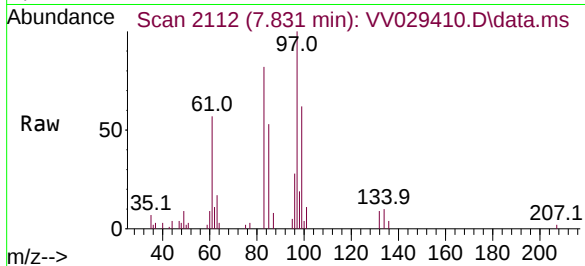




#45
 1,1,2-Trichloroethane
 Concen: 4.455 ug/L
 RT: 7.831 min Scan# 2112
 Delta R.T. 0.000 min
 Lab File: VV029410.D
 Acq: 07 Dec 2022 11:34

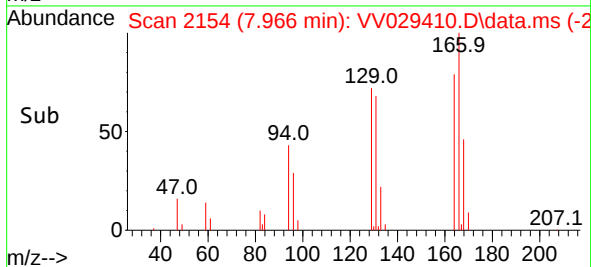
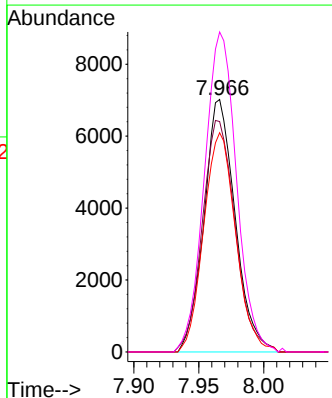
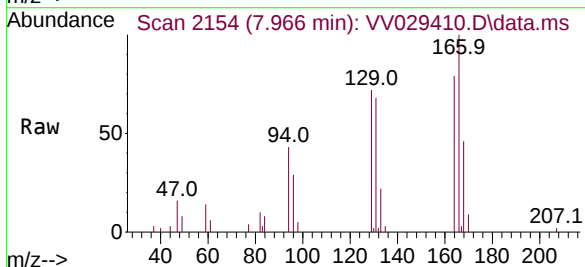
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005276

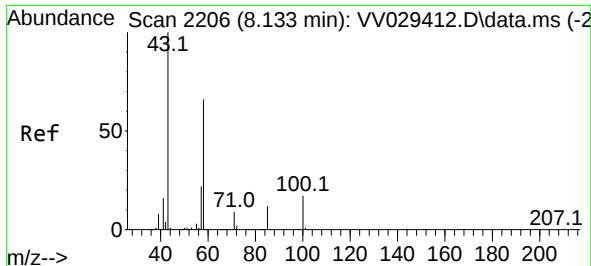
Tgt Ion: 97	Resp: 15055
Ion Ratio	Lower Upper
97 100	
99 62.4	43.8 81.3
83 82.3	58.6 108.8
85 53.1	37.2 69.2



#46
 Tetrachloroethene
 Concen: 4.427 ug/L
 RT: 7.966 min Scan# 2154
 Delta R.T. 0.000 min
 Lab File: VV029410.D
 Acq: 07 Dec 2022 11:34

Tgt	Ion:164	Resp:	11738
Ion	Ratio	Lower	Upper
164	100		
129	91.3	65.3	121.3
131	86.8	63.1	117.1
166	126.7	90.8	168.6

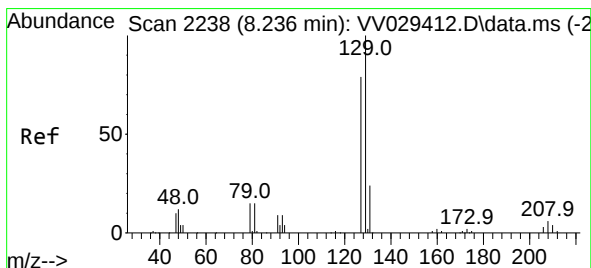
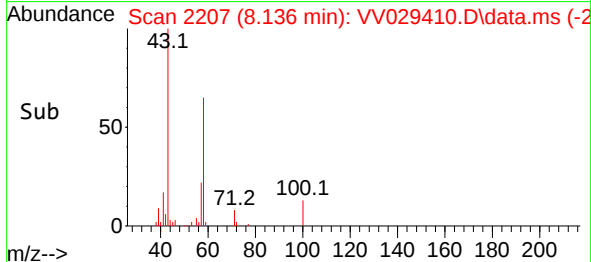
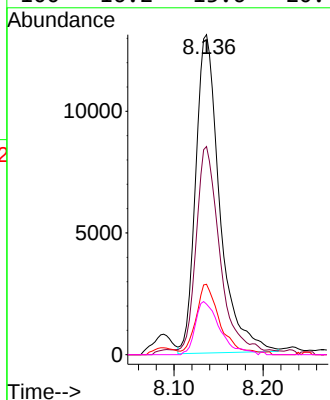
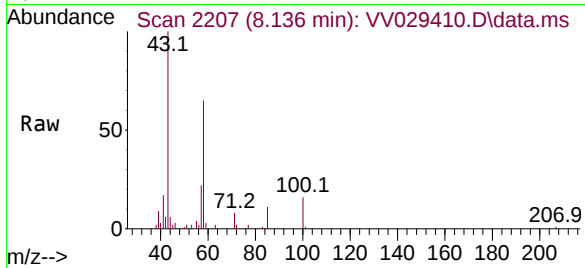




#48
2-Hexanone
Concen: 6.896 ug/L
RT: 8.136 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV029410.D
Acq: 07 Dec 2022 11:34

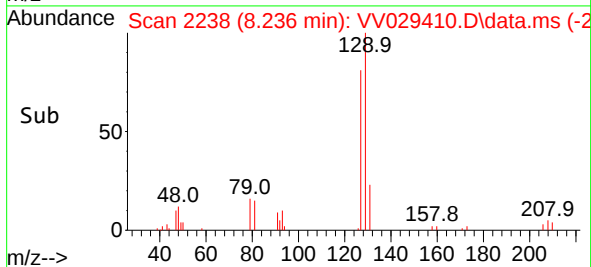
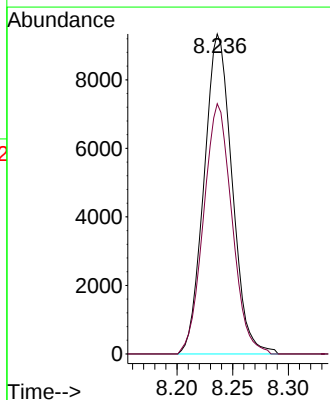
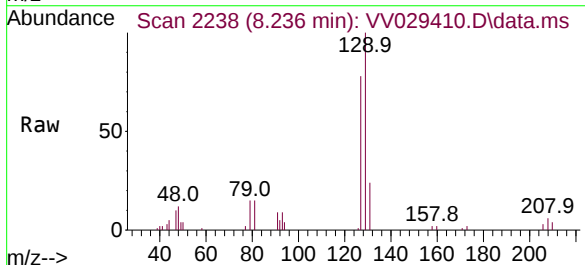
Instrument :
MSVOA_V
ClientSampleId :
VSTD005276

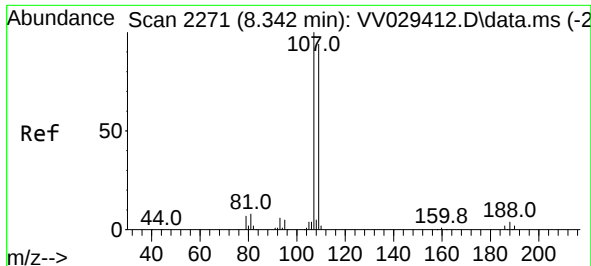
Tgt Ion:	43	Resp:	24636
Ion	Ratio	Lower	Upper
43	100		
58	60.6	54.1	81.1
57	22.1	17.4	26.0
100	16.2	13.6	20.4



#49
Dibromochloromethane
Concen: 4.269 ug/L
RT: 8.236 min Scan# 2238
Delta R.T. 0.000 min
Lab File: VV029410.D
Acq: 07 Dec 2022 11:34

Tgt Ion:	129	Resp:	16353
Ion	Ratio	Lower	Upper
129	100		
127	78.2	55.2	102.4

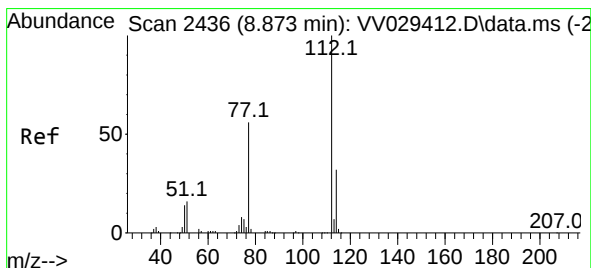
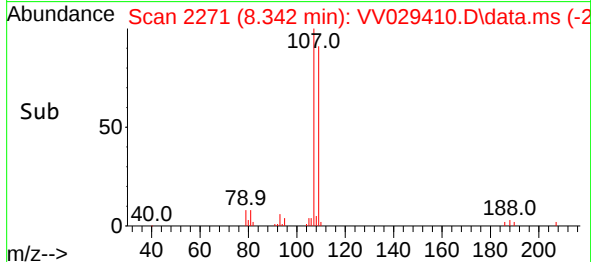
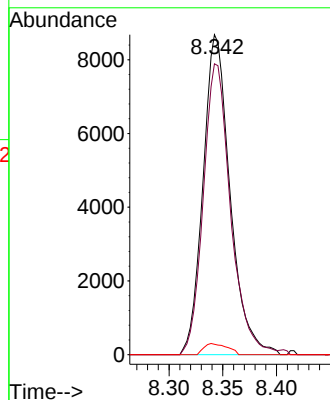
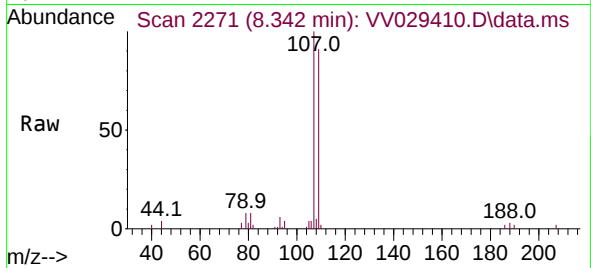




#50
1,2-Dibromoethane
Concen: 4.261 ug/L
RT: 8.342 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV029410.D
Acq: 07 Dec 2022 11:34

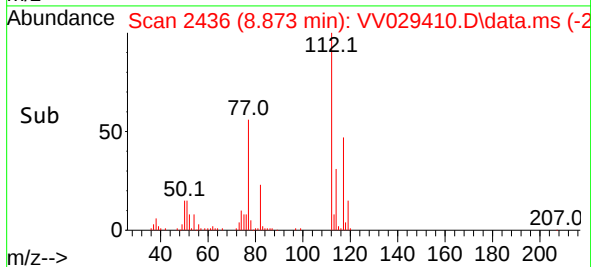
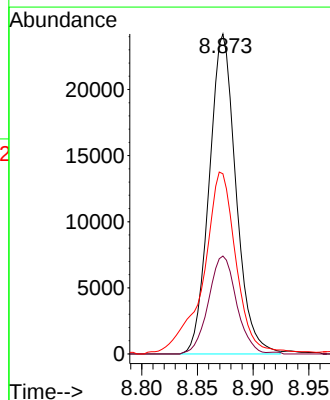
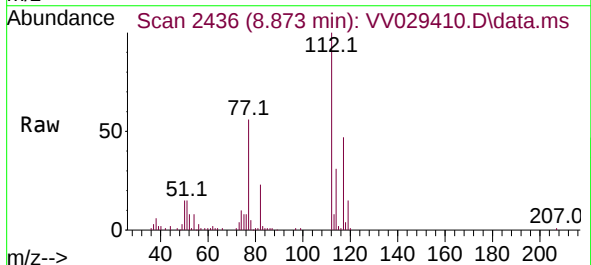
Instrument :
MSVOA_V
ClientSampleId :
VSTD005276

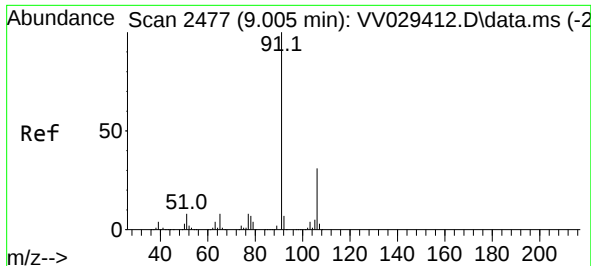
Tgt Ion:	107	Resp:	15213
Ion	Ratio	Lower	Upper
107	100		
109	90.9	66.0	122.6
188	3.2	3.2	4.8



#51
Chlorobenzene
Concen: 4.461 ug/L
RT: 8.873 min Scan# 2436
Delta R.T. 0.000 min
Lab File: VV029410.D
Acq: 07 Dec 2022 11:34

Tgt Ion:	112	Resp:	40398
Ion	Ratio	Lower	Upper
112	100		
114	30.6	22.3	41.3
77	56.3	45.0	67.4





#52

Ethylbenzene

Concen: 4.416 ug/L

RT: 9.005 min Scan# 2477

Delta R.T. 0.000 min

Lab File: VV029410.D

Acq: 07 Dec 2022 11:34

Instrument :

MSVOA_V

ClientSampleId :

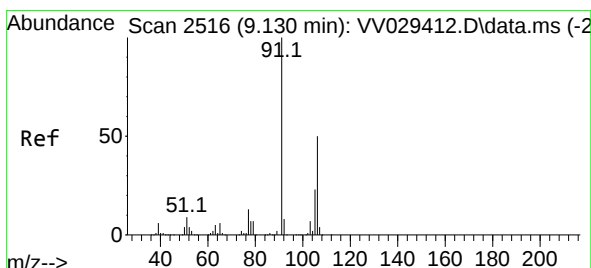
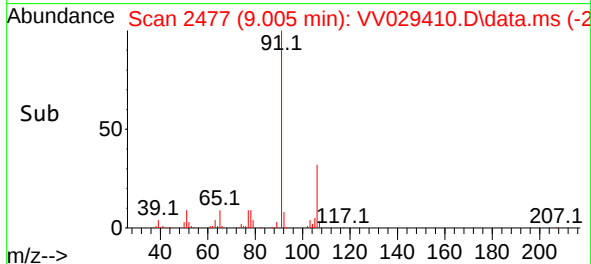
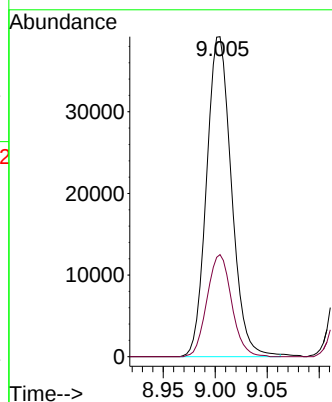
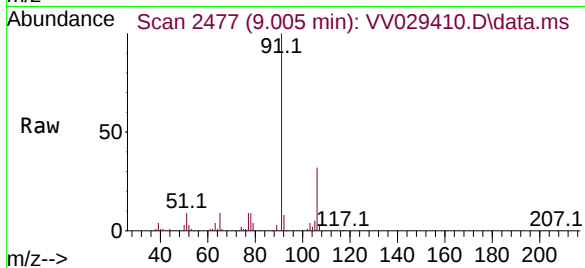
VSTD005276

Tgt Ion: 91 Resp: 65341

Ion Ratio Lower Upper

91 100

106 31.9 21.8 40.6



#53

m,p-Xylene

Concen: 4.501 ug/L

RT: 9.130 min Scan# 2516

Delta R.T. 0.000 min

Lab File: VV029410.D

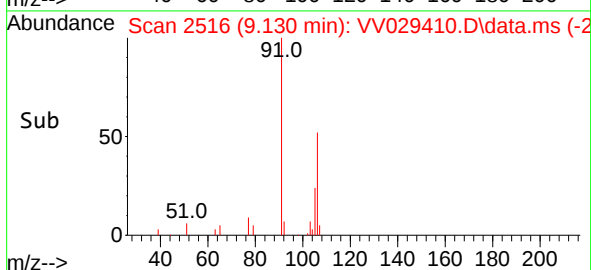
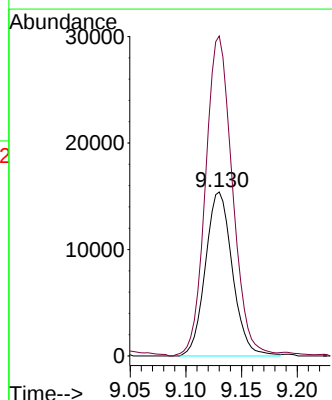
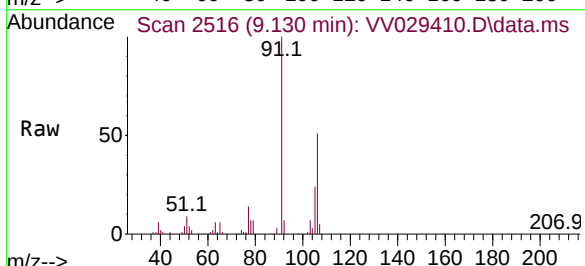
Acq: 07 Dec 2022 11:34

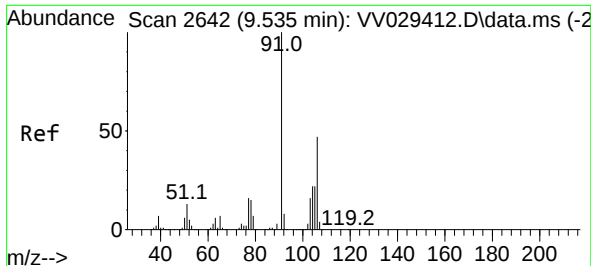
Tgt Ion: 106 Resp: 26006

Ion Ratio Lower Upper

106 100

91 195.0 139.5 259.1

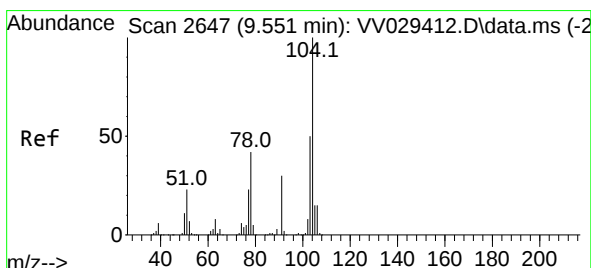
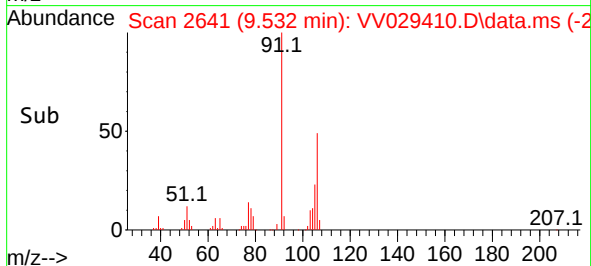
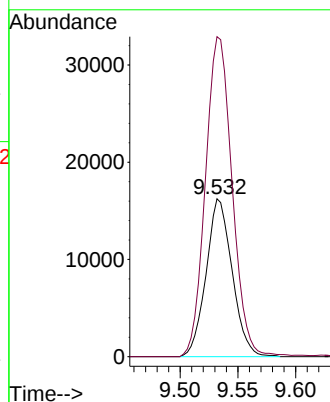
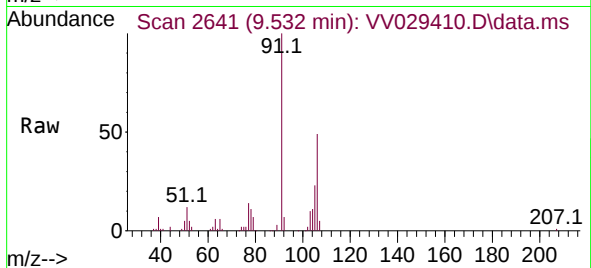




#54
o-Xylene
Concen: 4.412 ug/L
RT: 9.532 min Scan# 2641
Delta R.T. -0.003 min
Lab File: VV029410.D
Acq: 07 Dec 2022 11:34

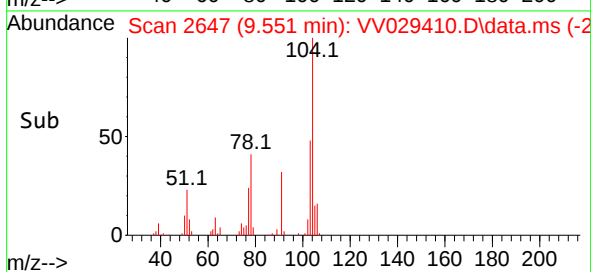
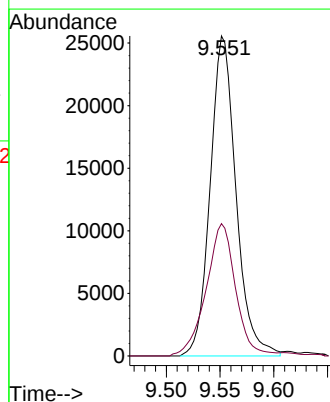
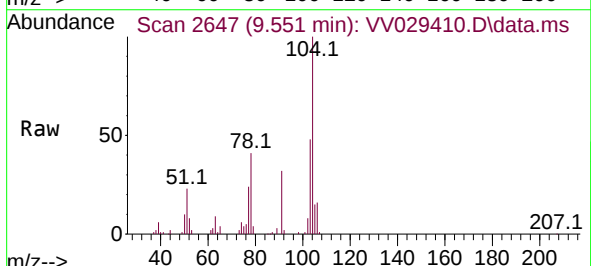
Instrument :
MSVOA_V
ClientSampleId :
VSTD005276

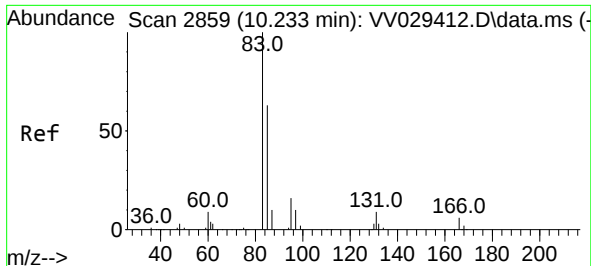
Tgt Ion:106 Resp: 25486
Ion Ratio Lower Upper
106 100
91 202.6 148.0 274.8



#55
Styrene
Concen: 4.386 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. 0.000 min
Lab File: VV029410.D
Acq: 07 Dec 2022 11:34

Tgt Ion:104 Resp: 42739
Ion Ratio Lower Upper
104 100
78 41.3 29.4 54.6





#57

1,1,2,2-Tetrachloroethane

Concen: 4.597 ug/L

RT: 10.230 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV029410.D

Acq: 07 Dec 2022 11:34

Instrument :

MSVOA_V

ClientSampleId :

VSTD005276

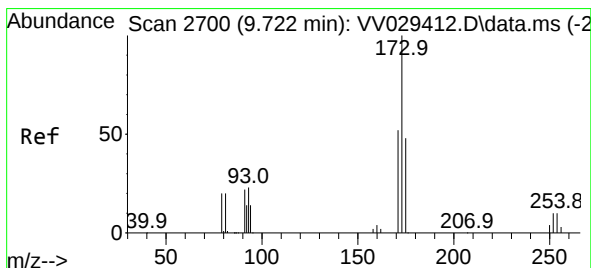
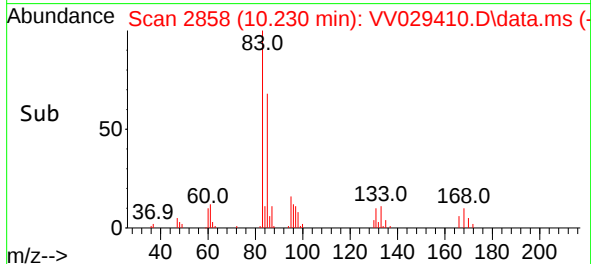
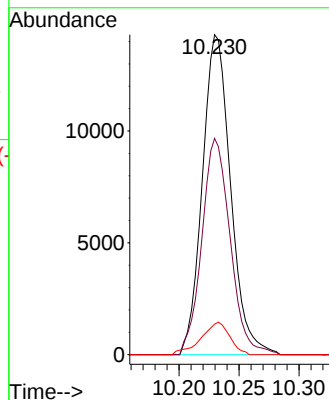
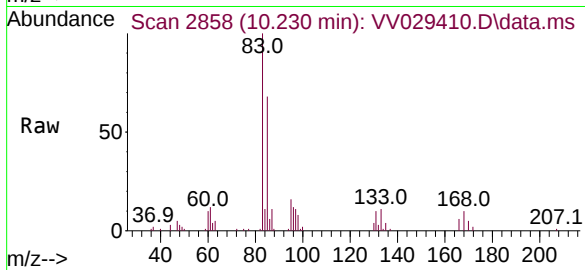
Tgt Ion: 83 Resp: 23483

Ion Ratio Lower Upper

83 100

85 67.6 45.7 84.9

131 9.6 7.9 11.9



#59

Bromoform

Concen: 4.360 ug/L

RT: 9.722 min Scan# 2700

Delta R.T. 0.000 min

Lab File: VV029410.D

Acq: 07 Dec 2022 11:34

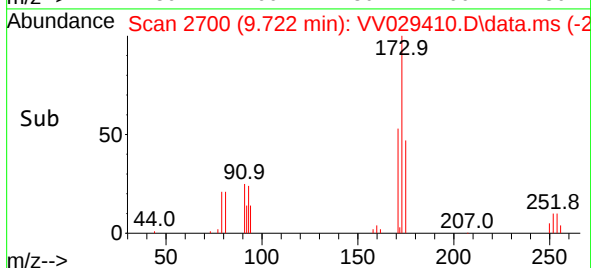
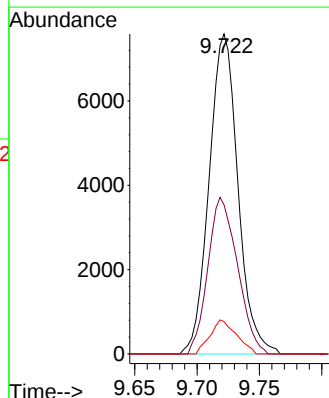
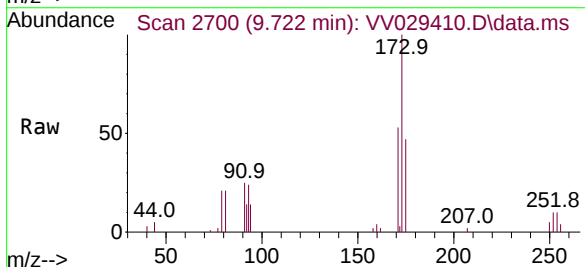
Tgt Ion: 173 Resp: 12218

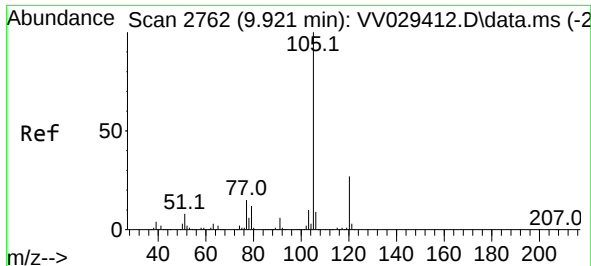
Ion Ratio Lower Upper

173 100

175 50.2 38.4 57.6

254 9.7 7.8 11.8

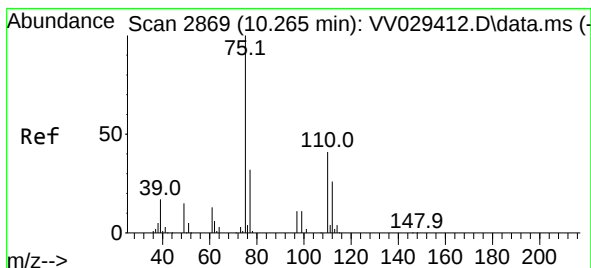
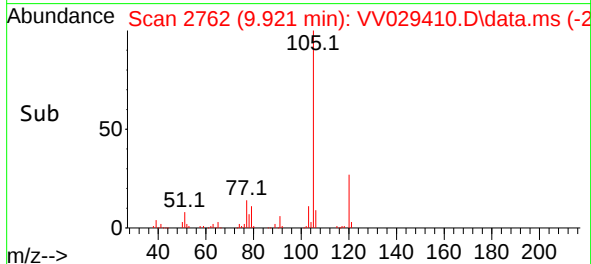
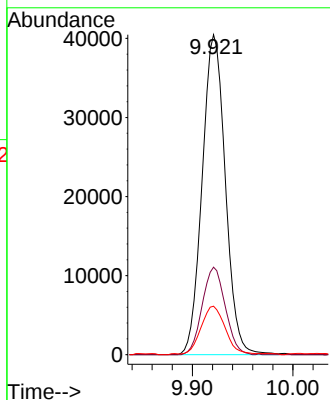
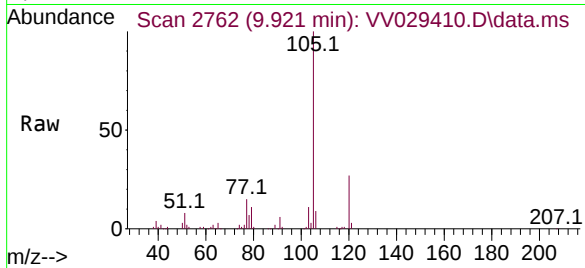




#60
Isopropylbenzene
Concen: 4.291 ug/L
RT: 9.921 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV029410.D
Acq: 07 Dec 2022 11:34

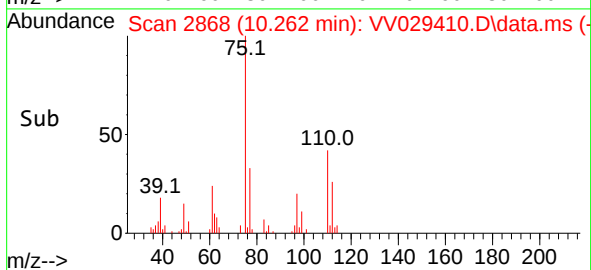
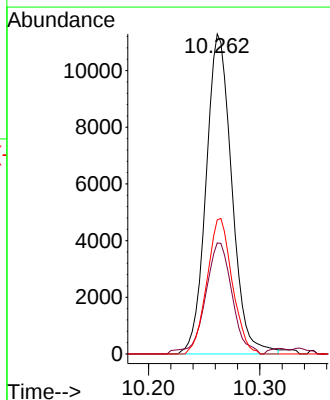
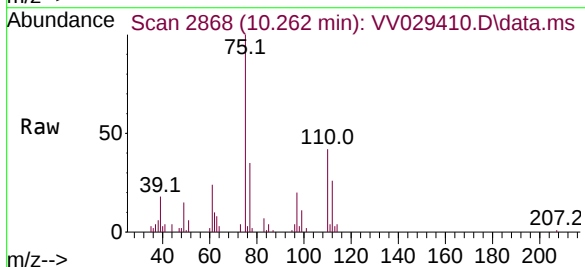
Instrument :
MSVOA_V
ClientSampleId :
VSTD005276

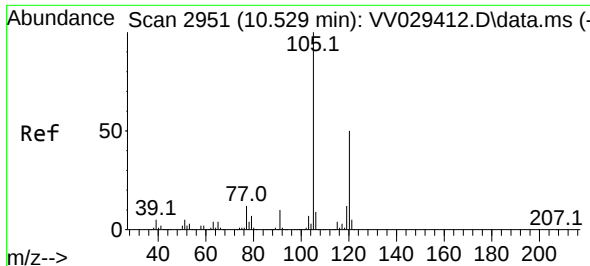
Tgt Ion:105 Resp: 64814
Ion Ratio Lower Upper
105 100
120 27.2 21.1 31.7
77 15.3 11.6 17.4



#61
1,2,3-Trichloropropane
Concen: 4.272 ug/L
RT: 10.262 min Scan# 2868
Delta R.T. -0.003 min
Lab File: VV029410.D
Acq: 07 Dec 2022 11:34

Tgt Ion: 75 Resp: 18146
Ion Ratio Lower Upper
75 100
77 35.8 25.4 38.2
110 41.5 32.7 49.1

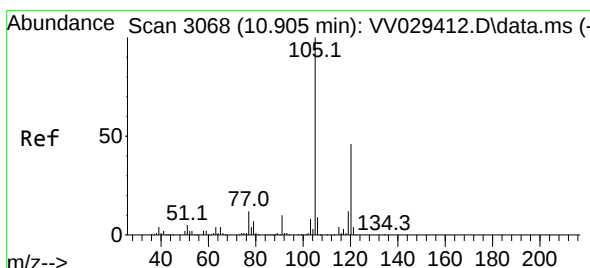
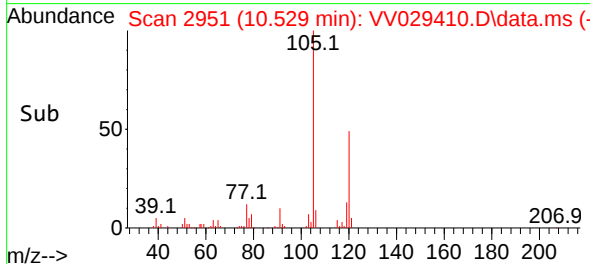
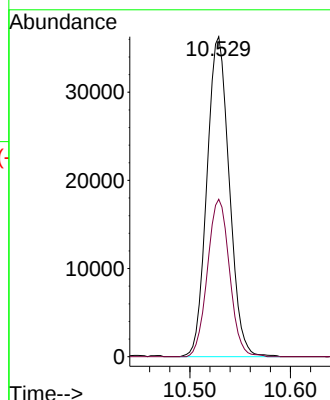
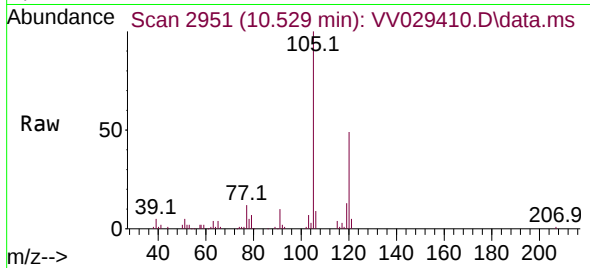




#62
 1,3,5-Trimethylbenzene
 Concen: 4.356 ug/L
 RT: 10.529 min Scan# 2951
 Delta R.T. 0.000 min
 Lab File: VV029410.D
 Acq: 07 Dec 2022 11:34

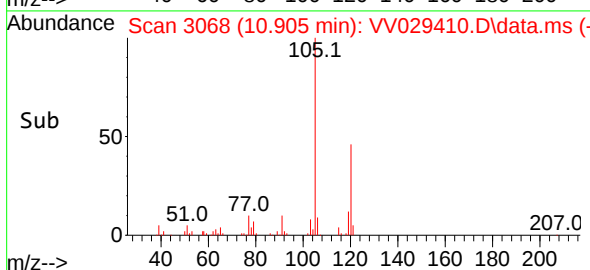
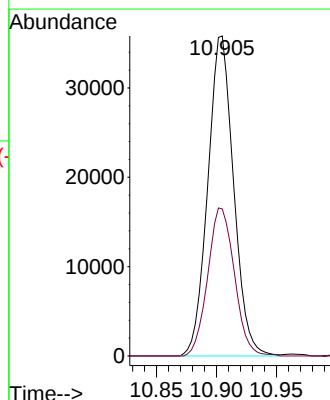
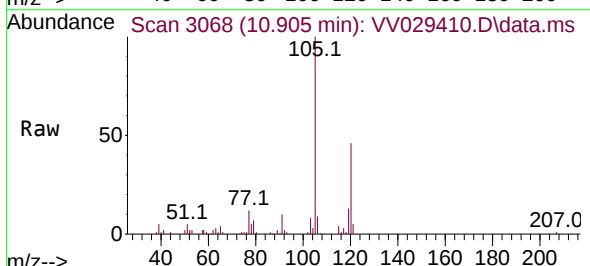
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005276

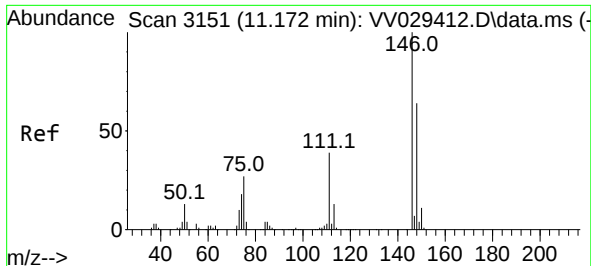
Tgt Ion:105 Resp: 56029
 Ion Ratio Lower Upper
 105 100
 120 48.5 40.0 60.0



#63
 1,2,4-Trimethylbenzene
 Concen: 4.112 ug/L
 RT: 10.905 min Scan# 3068
 Delta R.T. 0.000 min
 Lab File: VV029410.D
 Acq: 07 Dec 2022 11:34

Tgt Ion:105 Resp: 53662
 Ion Ratio Lower Upper
 105 100
 120 47.7 36.7 55.1

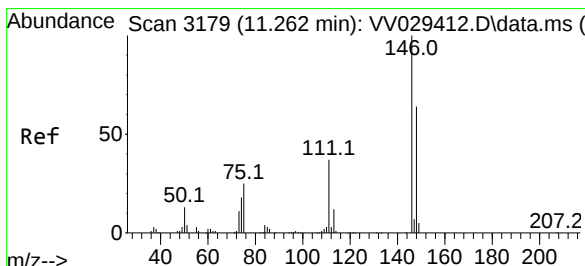
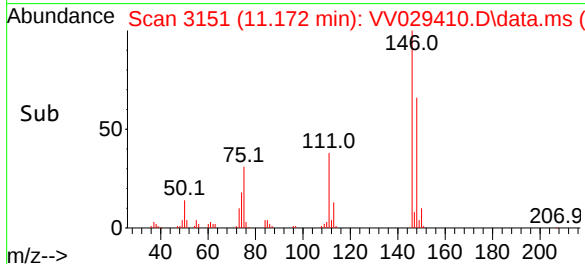
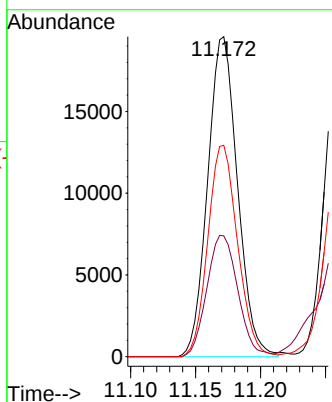
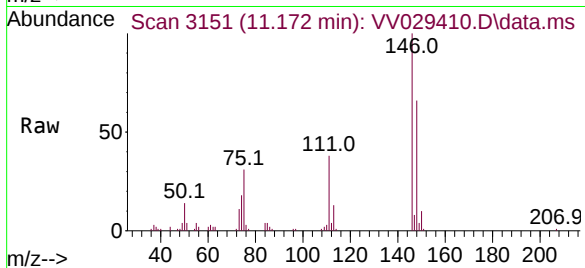




#64
1,3-Dichlorobenzene
Concen: 4.298 ug/L
RT: 11.172 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VV029410.D
Acq: 07 Dec 2022 11:34

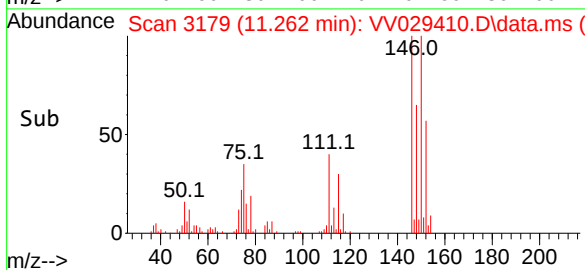
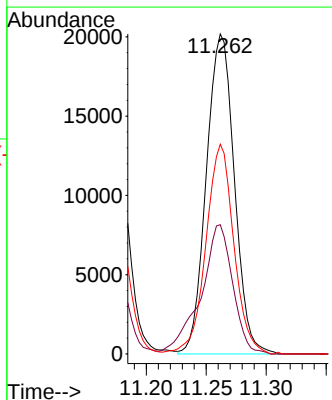
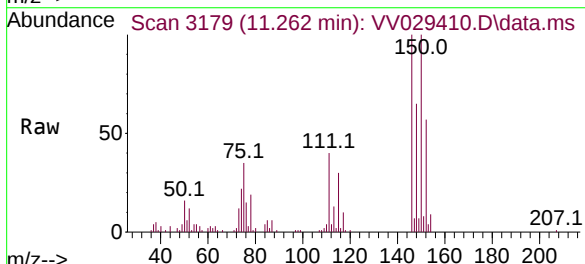
Instrument :
MSVOA_V
ClientSampleId :
VSTD005276

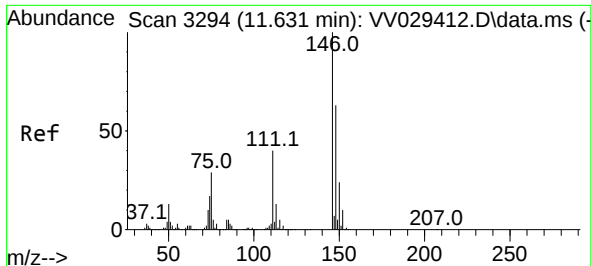
Tgt Ion:146 Resp: 31247
Ion Ratio Lower Upper
146 100
111 37.8 27.4 51.0
148 66.1 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 4.478 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. 0.000 min
Lab File: VV029410.D
Acq: 07 Dec 2022 11:34

Tgt Ion:146 Resp: 32768
Ion Ratio Lower Upper
146 100
111 40.4 26.2 48.8
148 65.6 44.7 83.1

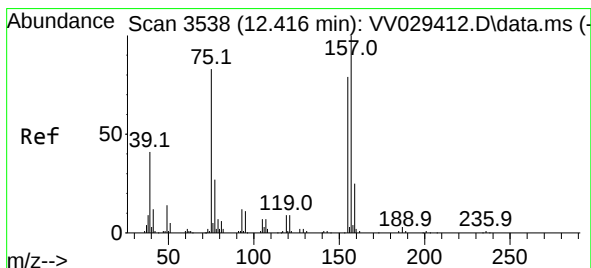
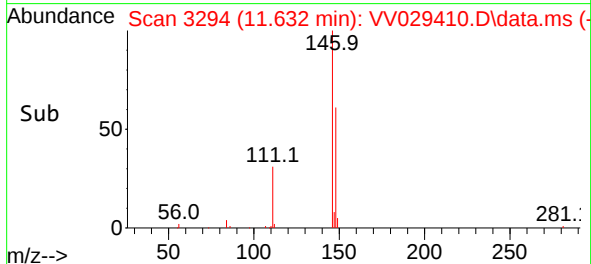
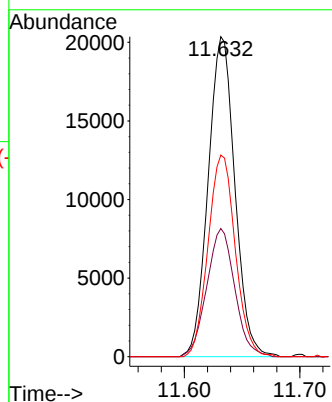
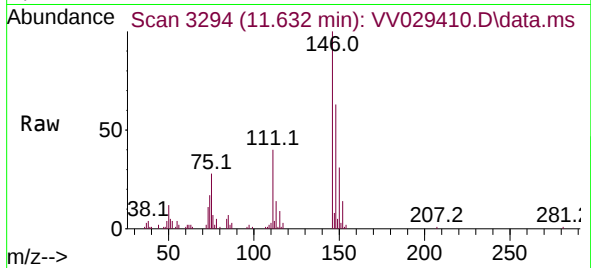




#67
 1,2-Dichlorobenzene
 Concen: 4.412 ug/L
 RT: 11.632 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV029410.D
 Acq: 07 Dec 2022 11:34

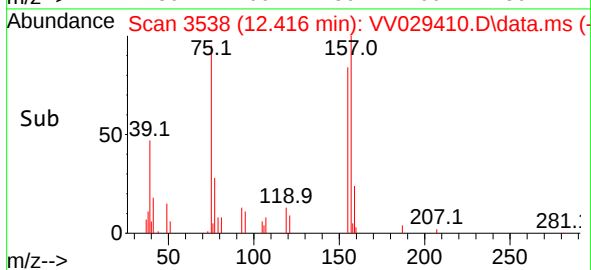
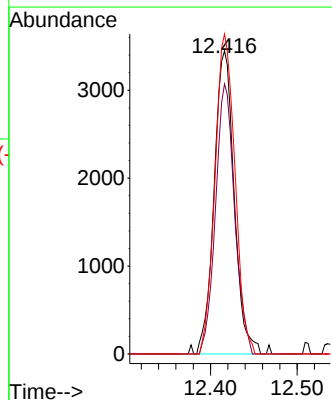
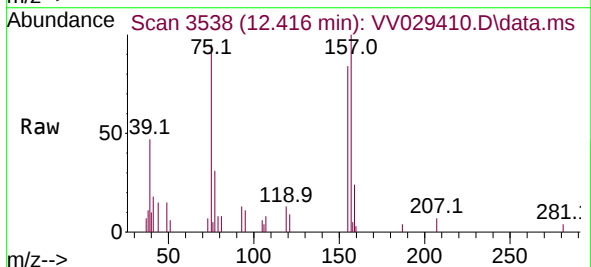
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005276

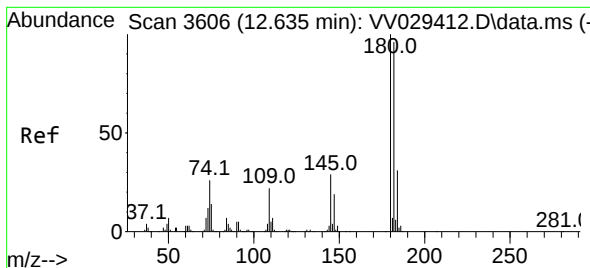
Tgt Ion:146 Resp: 32733
 Ion Ratio Lower Upper
 146 100
 111 40.0 32.0 48.0
 148 63.0 50.6 76.0



#68
 1,2-Dibromo-3-chloropropane
 Concen: 4.886 ug/L
 RT: 12.416 min Scan# 3538
 Delta R.T. 0.000 min
 Lab File: VV029410.D
 Acq: 07 Dec 2022 11:34

Tgt Ion: 75 Resp: 5582
 Ion Ratio Lower Upper
 75 100
 155 89.1 76.2 114.2
 157 105.6 96.0 144.0





#69

1,3,5-Trichlorobenzene

Concen: 4.343 ug/L

RT: 12.631 min Scan# 3605

Delta R.T. -0.003 min

Lab File: VV029410.D

Acq: 07 Dec 2022 11:34

Instrument :

MSVOA_V

ClientSampleId :

VSTD005276

Tgt Ion:180 Resp: 23800

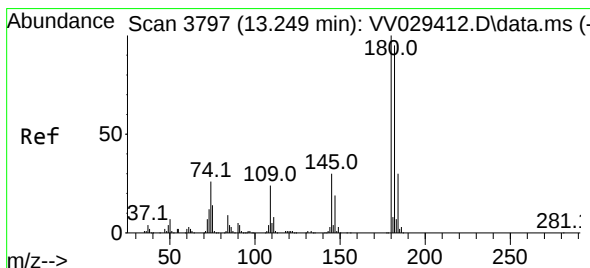
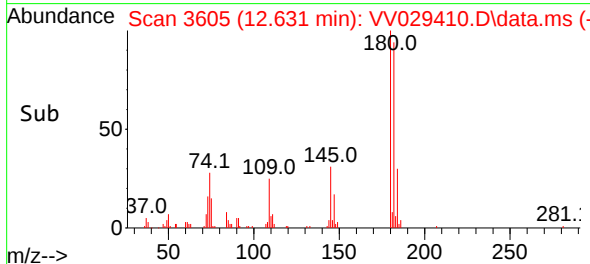
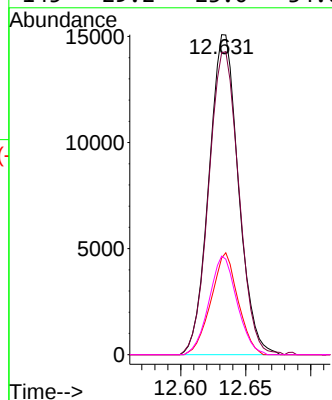
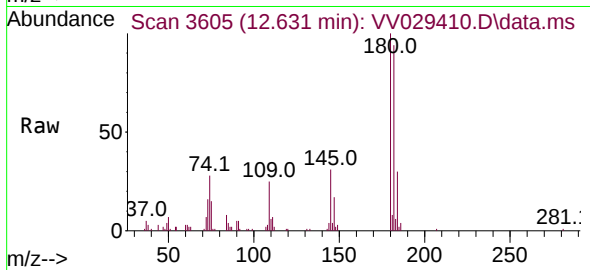
Ion Ratio Lower Upper

180 100

182 96.4 76.5 114.7

184 29.1 24.6 36.8

145 29.2 23.0 34.6



#70

1,2,4-trichlorobenzene

Concen: 4.452 ug/L

RT: 13.249 min Scan# 3797

Delta R.T. 0.000 min

Lab File: VV029410.D

Acq: 07 Dec 2022 11:34

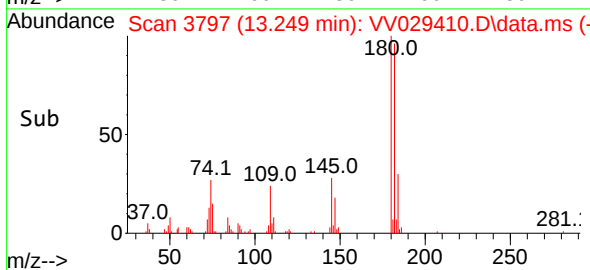
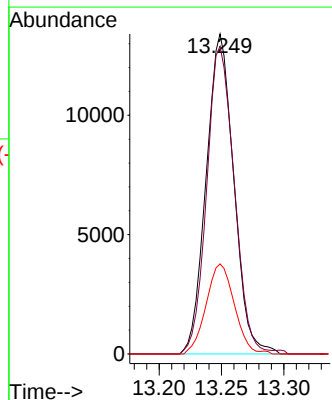
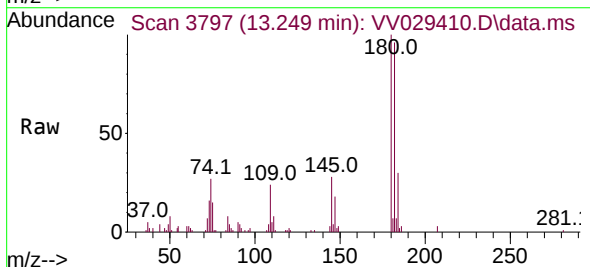
Tgt Ion:180 Resp: 20721

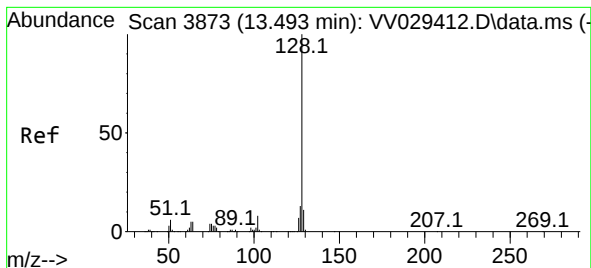
Ion Ratio Lower Upper

180 100

182 95.5 76.3 114.5

145 28.5 23.7 35.5





#71

Naphthalene

Concen: 2.581 ug/L

RT: 13.493 min Scan# 3873

Delta R.T. 0.000 min

Lab File: VV029410.D

Acq: 07 Dec 2022 11:34

Instrument :

MSVOA_V

ClientSampleId :

VSTD005276

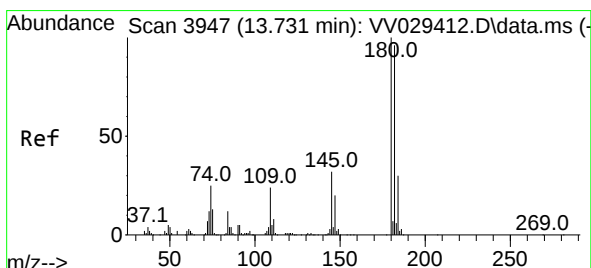
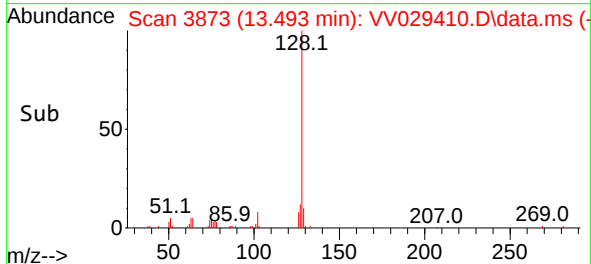
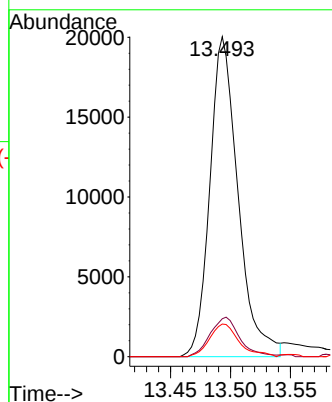
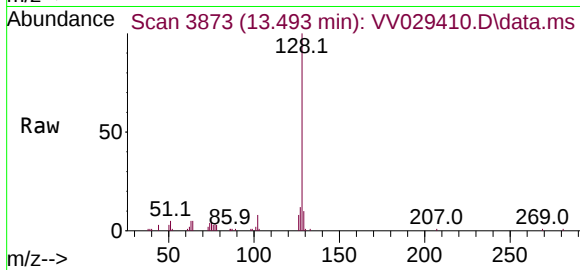
Tgt Ion:128 Resp: 32795

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 10.6 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 4.403 ug/L

RT: 13.731 min Scan# 3947

Delta R.T. 0.000 min

Lab File: VV029410.D

Acq: 07 Dec 2022 11:34

Tgt Ion:180 Resp: 20318

Ion Ratio Lower Upper

180 100

182 95.2 76.4 114.6

145 32.7 25.0 37.6

