

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120722\
 Data File : VW029413.D
 Acq On : 07 Dec 2022 12:45
 Operator : SY/MD
 Sample : VSTD10079
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100279

Quant Time: Dec 08 00:32:46 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	470980	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	429038	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	249615	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	319283	109.724	ug/L	0.00
7) Chloroethane-d5	1.548	69	237251	99.970	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.101	63	490801	96.008	ug/L	0.00
21) 2-Butanone-d5	3.863	46	387873	164.561	ug/L	0.00
24) Chloroform-d	4.336	84	581195	95.762	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.021	65	339634	94.112	ug/L	0.00
32) Benzene-d6	5.040	84	1212831	101.976	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.063	67	363505	96.905	ug/L	0.00
41) Toluene-d8	7.307	98	1158542	104.874	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.612	79	192520	103.926	ug/L	0.00
47) 2-Hexanone-d5	8.082	63	334556	207.555	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.207	84	535068	107.287	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.612	152	504846	99.867	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	421999	129.112	ug/L	100
3) Chloromethane	1.240	50	443210	133.302	ug/L	100
5) Vinyl chloride	1.307	62	403013	124.867	ug/L	99
6) Bromomethane	1.497	94	131710	79.423	ug/L	98
8) Chloroethane	1.568	64	218795	113.065	ug/L	99
9) Trichlorofluoromethane	1.741	101	487802	107.323	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	275827	107.968	ug/L	99
12) 1,1-Dichloroethene	2.111	96	277995	116.086	ug/L	97
13) Acetone	2.156	43	262597	166.306	ug/L	98
14) Carbon disulfide	2.285	76	921509	136.483	ug/L	99
15) Methyl Acetate	2.420	43	285015	86.783	ug/L	100
16) Methylene chloride	2.497	84	335023	104.443	ug/L	99
17) trans-1,2-Dichloroethene	2.751	96	320171	113.970	ug/L	99
18) Methyl tert-butyl Ether	2.760	73	980170	101.722	ug/L	100
19) 1,1-Dichloroethane	3.178	63	541353	101.429	ug/L	99
20) cis-1,2-Dichloroethene	3.899	96	355153	108.328	ug/L	99
22) 2-Butanone	3.947	43	427208	186.251	ug/L	98
23) Bromochloromethane	4.236	128	181473	103.614	ug/L	100
25) Chloroform	4.365	83	569696	101.422	ug/L	99
27) 1,2-Dichloroethane	5.120	62	399214	101.173	ug/L	100
29) Cyclohexane	4.667	56	513763	117.621	ug/L	100
30) 1,1,1-Trichloroethane	4.596	97	508421	106.046	ug/L	99
31) Carbon tetrachloride	4.818	117	448639	107.904	ug/L	100
33) Benzene	5.091	78	1325298	114.054	ug/L	100
34) Trichloroethene	5.905	95	334022	103.315	ug/L	99
35) Methylcyclohexane	6.124	83	577032	125.303	ug/L	99
37) 1,2-Dichloropropane	6.165	63	319746	104.636	ug/L	100
38) Bromodichloromethane	6.500	83	441921	106.331	ug/L	99
39) cis-1,3-Dichloropropene	7.017	75	542921	112.222	ug/L	99
40) 4-Methyl-2-pentanone	7.220	43	780677	183.260	ug/L	100
42) Toluene	7.381	91	1443831	115.082	ug/L	99
44) trans-1,3-Dichloropropene	7.641	75	512572	110.972	ug/L	100

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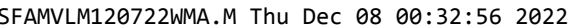
Instrument :
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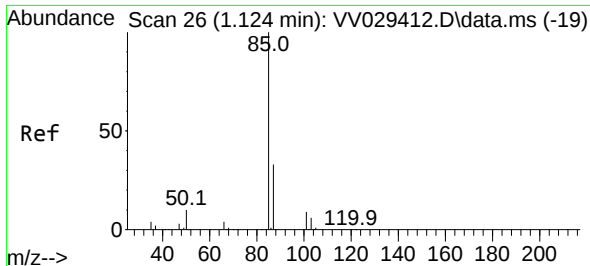
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 Quant Title : VOC Analysis
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.831	97	328663	106.001	ug/L	99
46) Tetrachloroethene	7.966	164	273644	112.486	ug/L	98
48) 2-Hexanone	8.133	43	615488	187.787	ug/L	98
49) Dibromochloromethane	8.239	129	367427	104.547	ug/L	99
50) 1,2-Dibromoethane	8.342	107	343161	104.760	ug/L	99
51) Chlorobenzene	8.873	112	917954	110.477	ug/L	99
52) Ethylbenzene	9.005	91	1545621	113.854	ug/L	99
53) m,p-Xylene	9.130	106	611733	115.408	ug/L	100
54) o-Xylene	9.535	106	602843	113.748	ug/L	100
55) Styrene	9.551	104	1071355	119.848	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.233	83	538710	114.941	ug/L	98
59) Bromoform	9.722	173	289566	101.483	ug/L	100
60) Isopropylbenzene	9.921	105	1582466	102.909	ug/L	99
61) 1,2,3-Trichloropropane	10.262	75	403947	93.414	ug/L	100
62) 1,3,5-Trimethylbenzene	10.529	105	1440860	110.022	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	1450269	109.140	ug/L	100
64) 1,3-Dichlorobenzene	11.168	146	798971	107.954	ug/L	100
65) 1,4-Dichlorobenzene	11.262	146	798495	107.188	ug/L	100
67) 1,2-Dichlorobenzene	11.631	146	802405	106.235	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.416	75	127787	109.863	ug/L	96
69) 1,3,5-Trichlorobenzene	12.635	180	651539	116.773	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	584532	123.341	ug/L	99
71) Naphthalene	13.490	128	1456949	112.636	ug/L	100
72) 1,2,3-Trichlorobenzene	13.731	180	567926	120.887	ug/L	100

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

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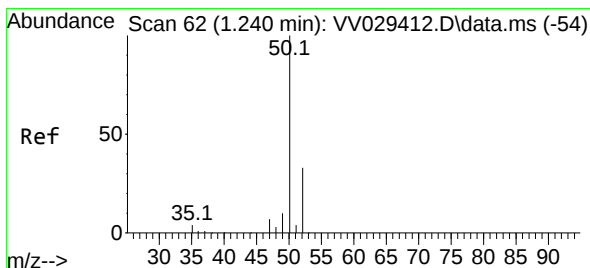
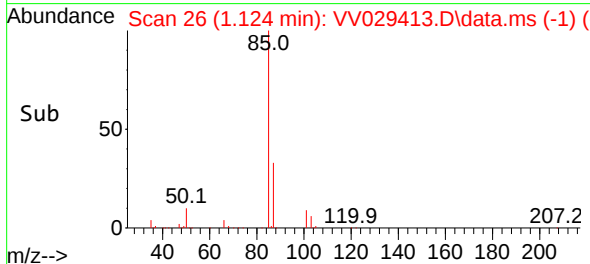
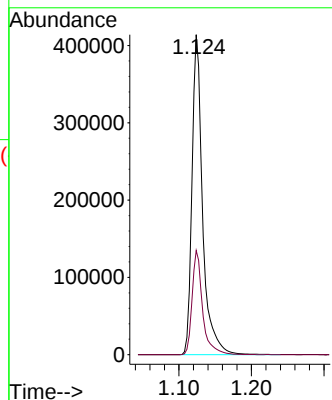
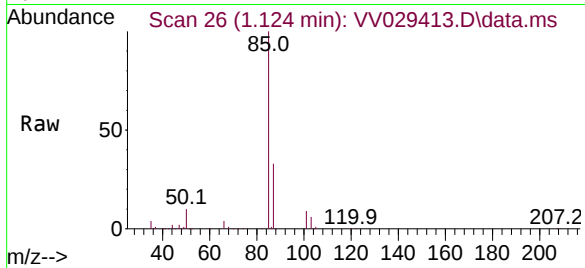




#2
 Dichlorodifluoromethane
 Concen: 129.112 ug/L
 RT: 1.124 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV029413.D
 Acq: 07 Dec 2022 12:45

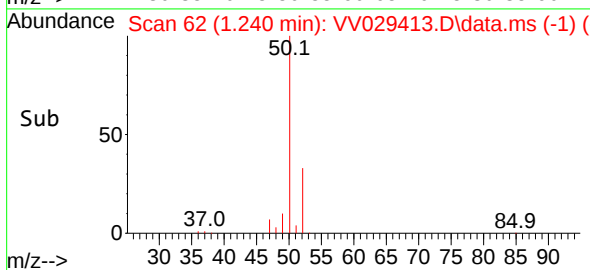
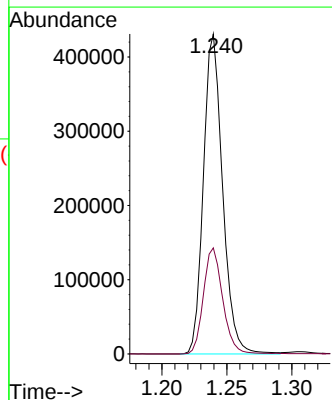
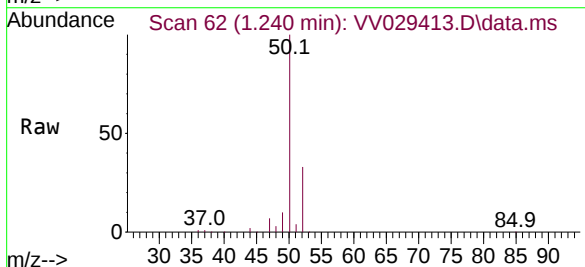
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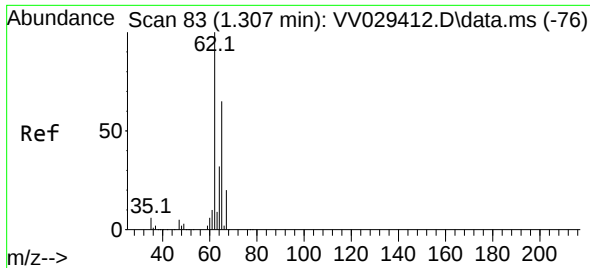
Tgt Ion: 85 Resp: 421999
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.9 38.9



#3
 Chloromethane
 Concen: 133.302 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV029413.D
 Acq: 07 Dec 2022 12:45

Tgt Ion: 50 Resp: 443210
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.3 43.3

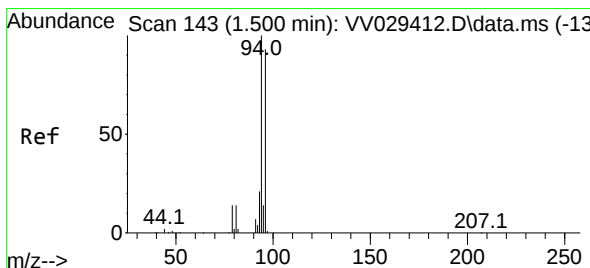
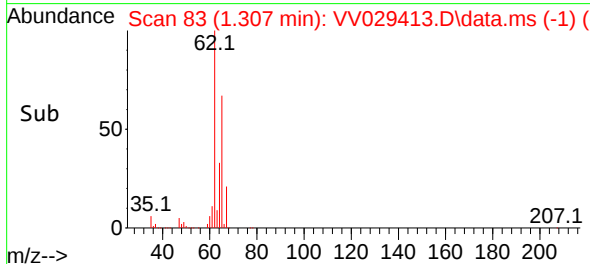
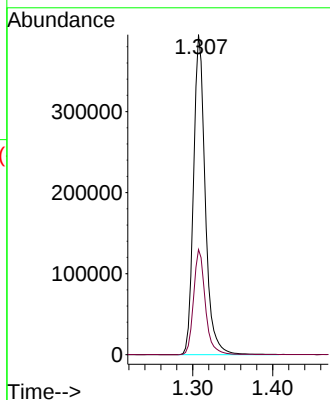
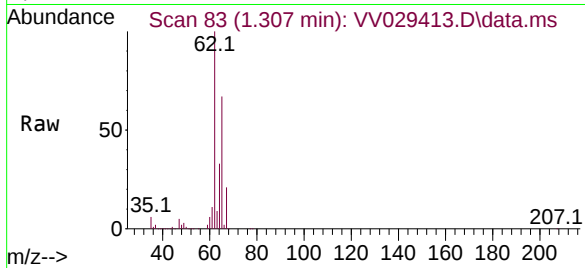




#5
 Vinyl chloride
 Concen: 124.867 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV029413.D
 Acq: 07 Dec 2022 12:45

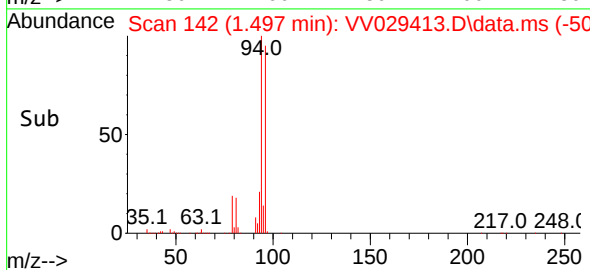
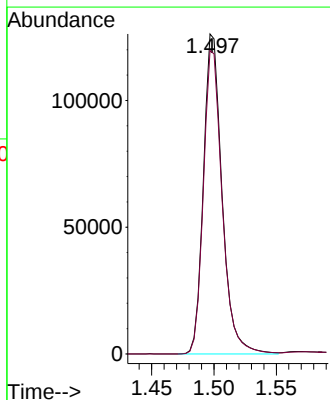
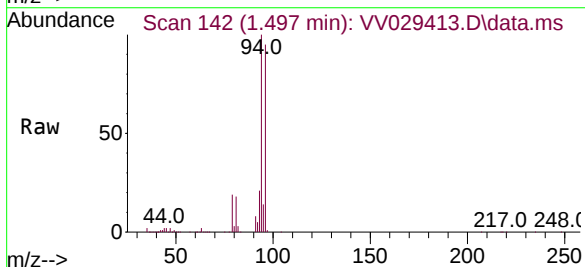
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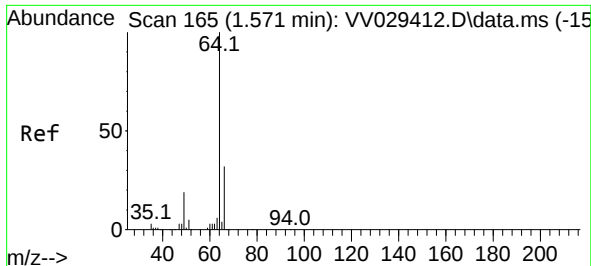
Tgt Ion: 62 Resp: 403013
 Ion Ratio Lower Upper
 62 100
 64 32.8 22.5 41.9



#6
 Bromomethane
 Concen: 79.423 ug/L
 RT: 1.497 min Scan# 142
 Delta R.T. -0.003 min
 Lab File: VV029413.D
 Acq: 07 Dec 2022 12:45

Tgt Ion: 94 Resp: 131710
 Ion Ratio Lower Upper
 94 100
 96 94.8 65.1 120.9

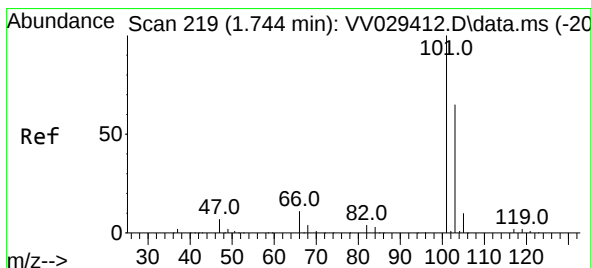
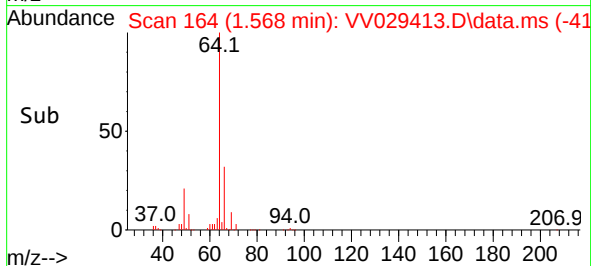
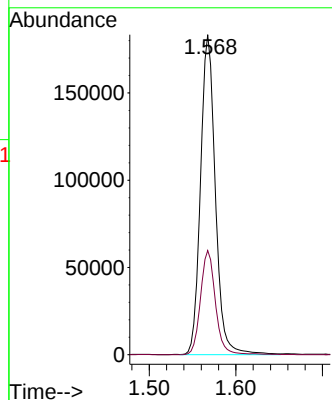
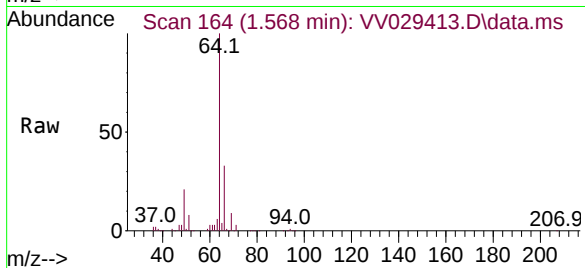




#8
Chloroethane
Concen: 113.065 ug/L
RT: 1.568 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV029413.D
Acq: 07 Dec 2022 12:45

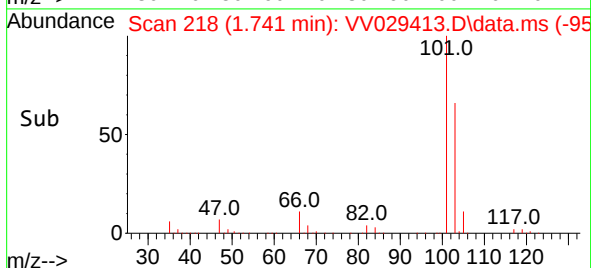
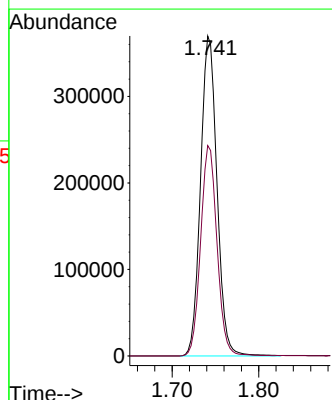
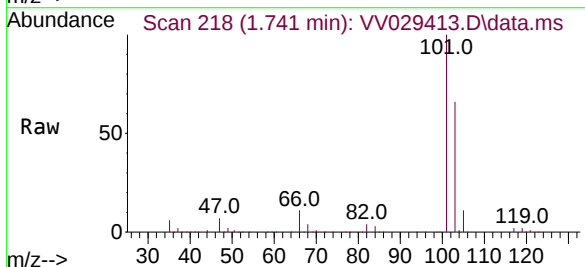
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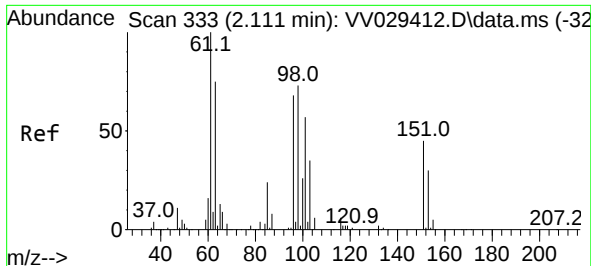
Tgt Ion: 64 Resp: 218795
Ion Ratio Lower Upper
64 100
66 32.5 22.5 41.9



#9
Trichlorofluoromethane
Concen: 107.323 ug/L
RT: 1.741 min Scan# 218
Delta R.T. -0.003 min
Lab File: VV029413.D
Acq: 07 Dec 2022 12:45

Tgt Ion:101 Resp: 487802
Ion Ratio Lower Upper
101 100
103 65.4 51.8 77.8

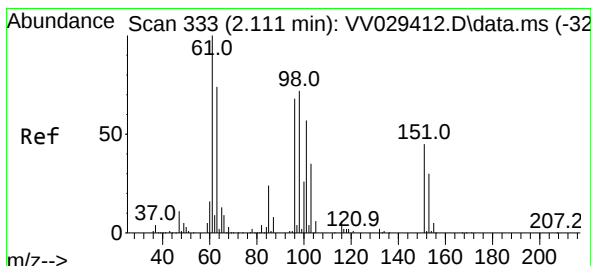
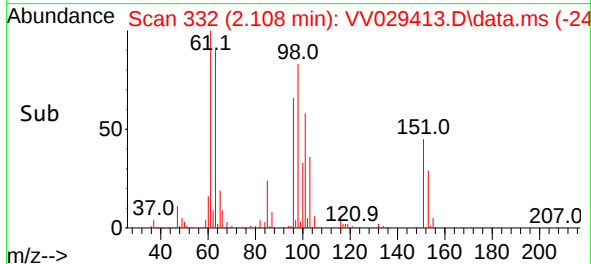
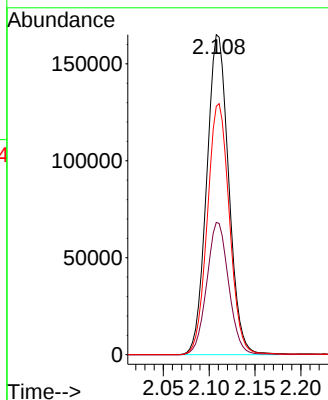
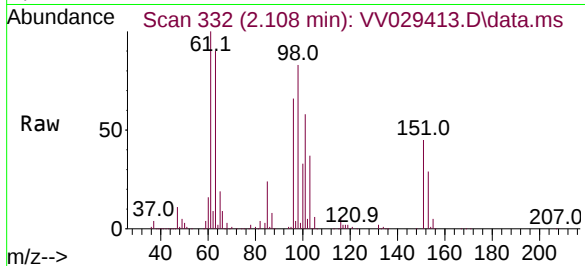




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 107.968 ug/L
RT: 2.108 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV029413.D
Acq: 07 Dec 2022 12:45

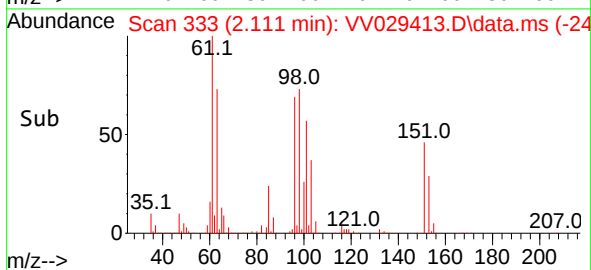
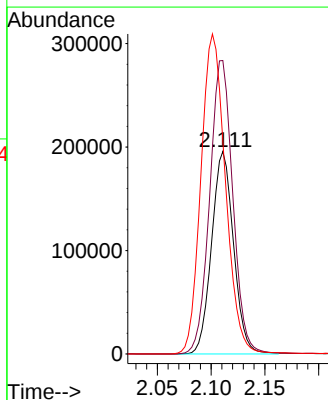
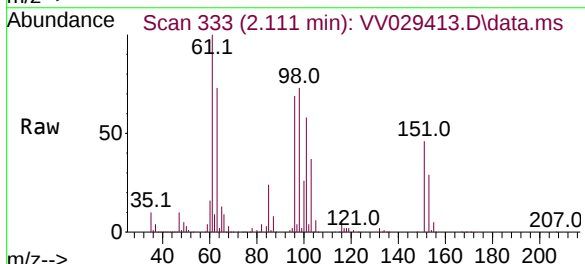
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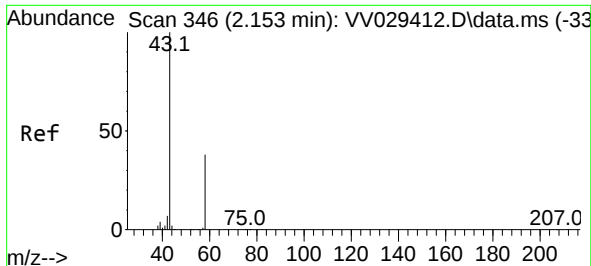
Tgt Ion:101 Resp: 275827
Ion Ratio Lower Upper
101 100
85 41.1 33.6 50.4
151 78.7 63.5 95.3



#12
1,1-Dichloroethene
Concen: 116.086 ug/L
RT: 2.111 min Scan# 333
Delta R.T. 0.000 min
Lab File: VV029413.D
Acq: 07 Dec 2022 12:45

Tgt Ion: 96 Resp: 277995
Ion Ratio Lower Upper
96 100
61 145.0 103.3 191.9
63 105.3 77.3 143.7





#13

Acetone

Concen: 166.306 ug/L

RT: 2.156 min Scan# 34

Delta R.T. 0.003 min

Lab File: VV029413.D

Acq: 07 Dec 2022 12:45

Instrument :

MSVOA_V

ClientSampleId :

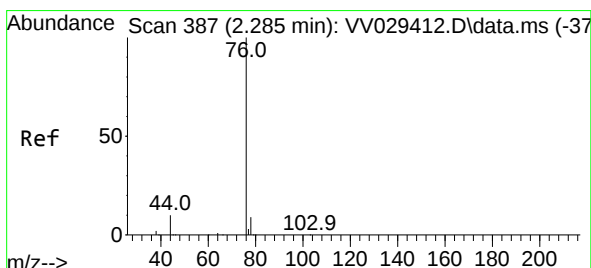
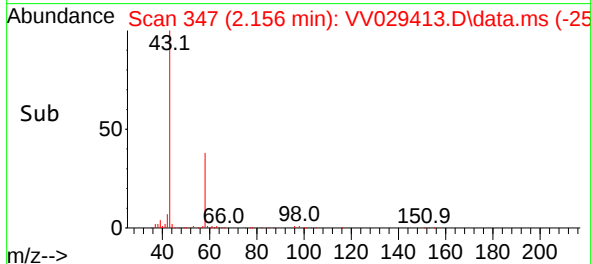
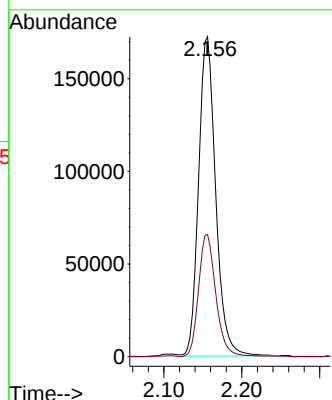
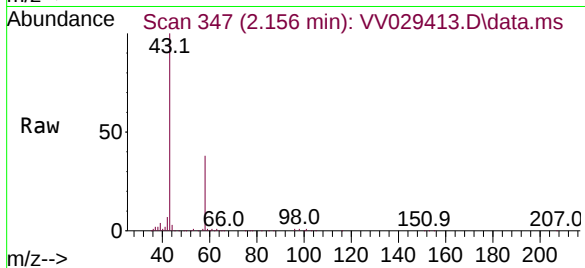
VSTD100279

Tgt Ion: 43 Resp: 262597

Ion Ratio Lower Upper

43 100

58 38.8 0.0 74.8



#14

Carbon disulfide

Concen: 136.483 ug/L

RT: 2.285 min Scan# 387

Delta R.T. 0.000 min

Lab File: VV029413.D

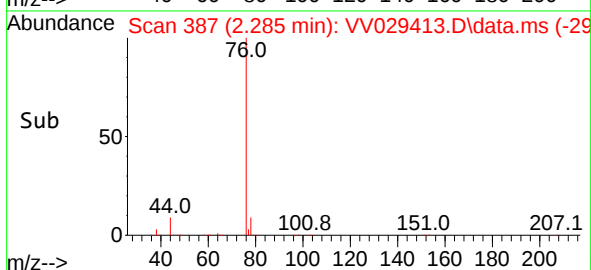
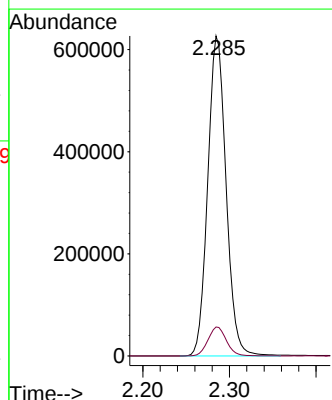
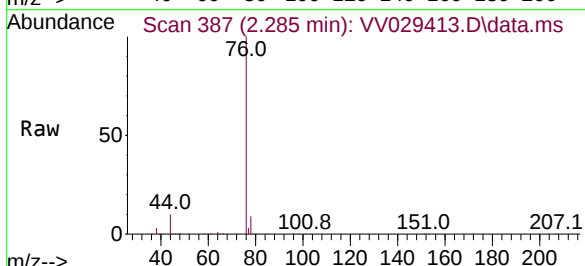
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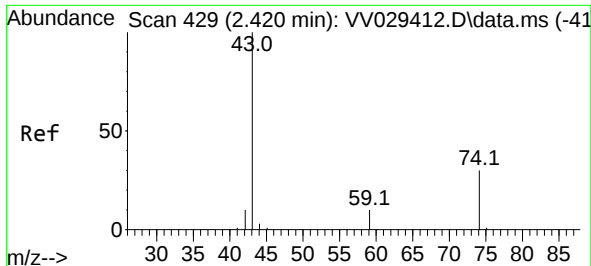
Tgt Ion: 76 Resp: 921509

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2

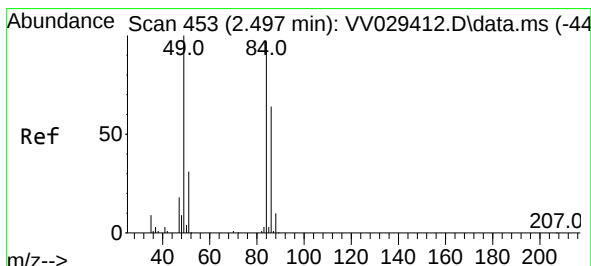
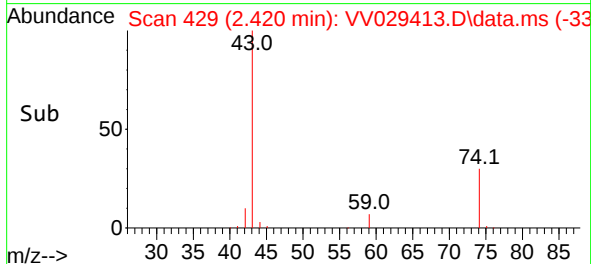
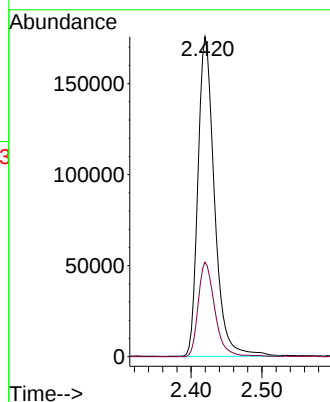
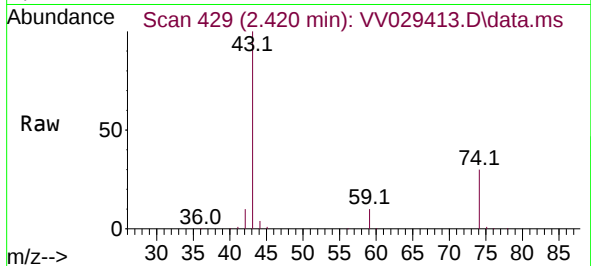




#15
Methyl Acetate
Concen: 86.783 ug/L
RT: 2.420 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV029413.D
Acq: 07 Dec 2022 12:45

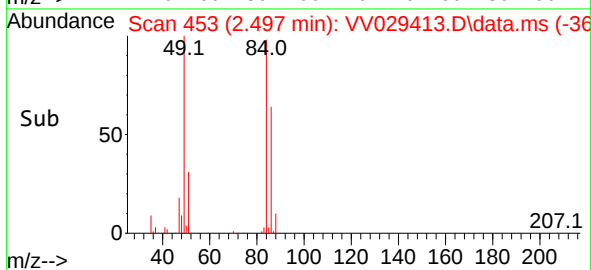
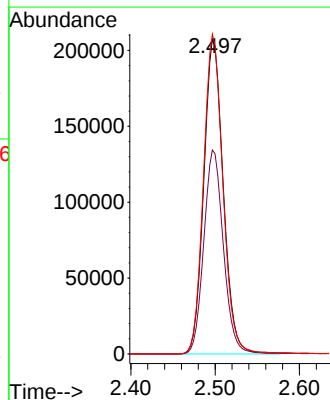
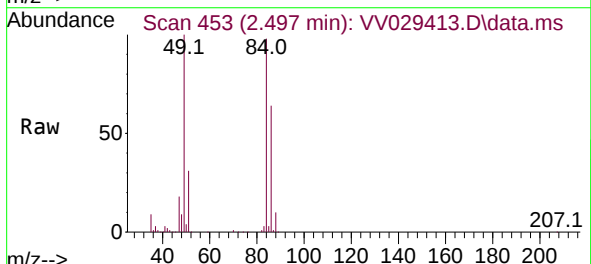
Instrument :
MSVOA_V
ClientSampleId :
VSTD100279

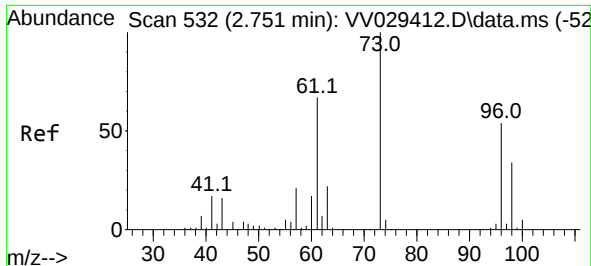
Tgt Ion: 43 Resp: 285015
Ion Ratio Lower Upper
43 100
74 29.5 23.5 35.3



#16
Methylene chloride
Concen: 104.443 ug/L
RT: 2.497 min Scan# 453
Delta R.T. 0.000 min
Lab File: VV029413.D
Acq: 07 Dec 2022 12:45

Tgt Ion: 84 Resp: 335023
Ion Ratio Lower Upper
84 100
86 64.8 46.0 85.4
49 101.7 72.2 134.0





#17

trans-1,2-Dichloroethene

Concen: 113.970 ug/L

RT: 2.751 min Scan# 51

Delta R.T. 0.000 min

Lab File: VV029413.D

Acq: 07 Dec 2022 12:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD100279

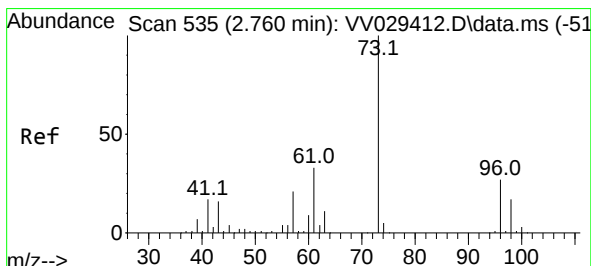
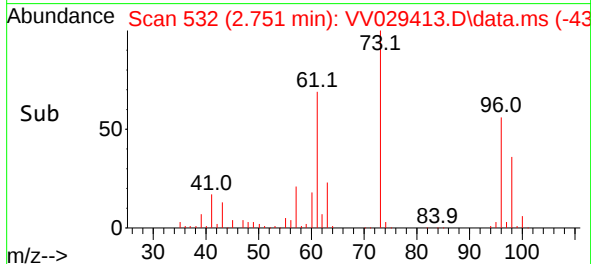
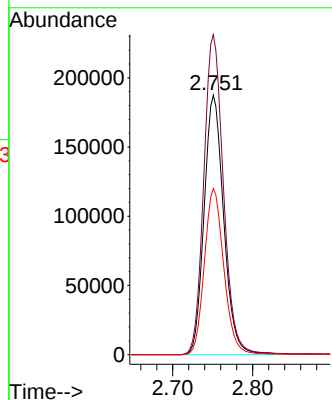
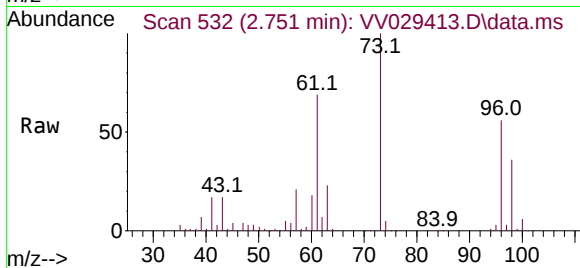
Tgt Ion: 96 Resp: 320171

Ion Ratio Lower Upper

96 100

61 123.3 86.4 160.4

98 64.0 43.4 80.6



#18

Methyl tert-butyl Ether

Concen: 101.722 ug/L

RT: 2.760 min Scan# 535

Delta R.T. 0.000 min

Lab File: VV029413.D

Acq: 07 Dec 2022 12:45

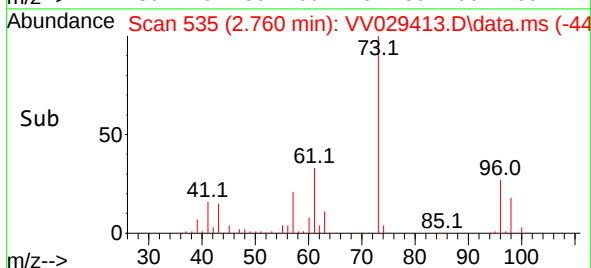
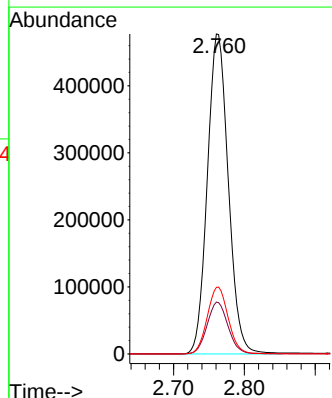
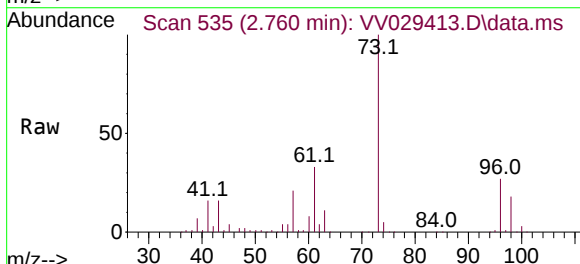
Tgt Ion: 73 Resp: 980170

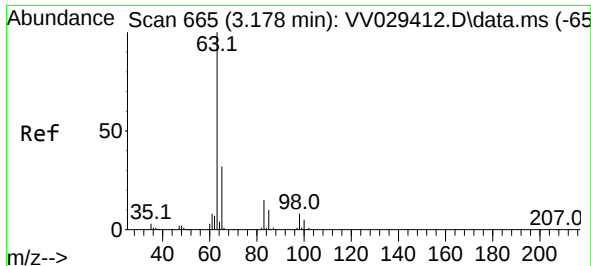
Ion Ratio Lower Upper

73 100

43 16.1 12.7 19.1

57 20.9 16.7 25.1





#19

1,1-Dichloroethane

Concen: 101.429 ug/L

RT: 3.178 min Scan# 665

Delta R.T. 0.000 min

Lab File: VV029413.D

Acq: 07 Dec 2022 12:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD100279

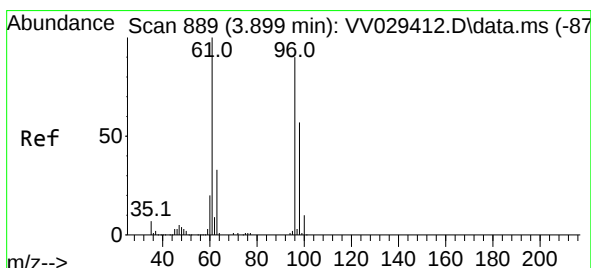
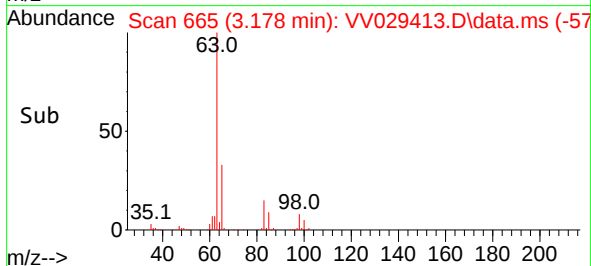
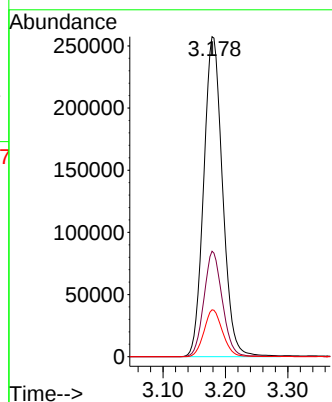
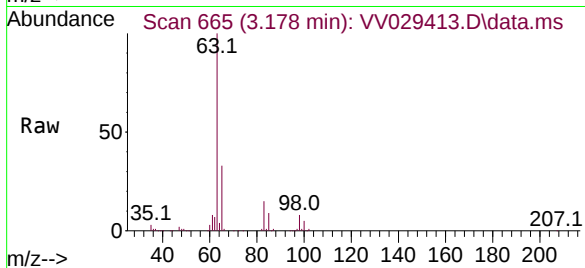
Tgt Ion: 63 Resp: 541353

Ion Ratio Lower Upper

63 100

65 32.9 22.5 41.7

83 14.6 10.4 19.2



#20

cis-1,2-Dichloroethene

Concen: 108.328 ug/L

RT: 3.899 min Scan# 889

Delta R.T. 0.000 min

Lab File: VV029413.D

Acq: 07 Dec 2022 12:45

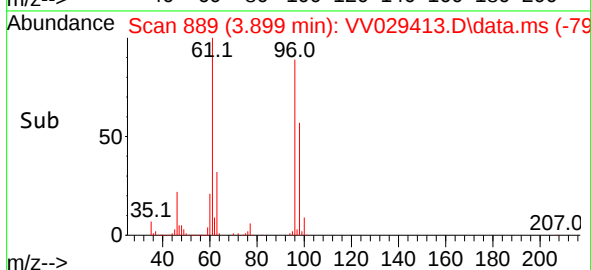
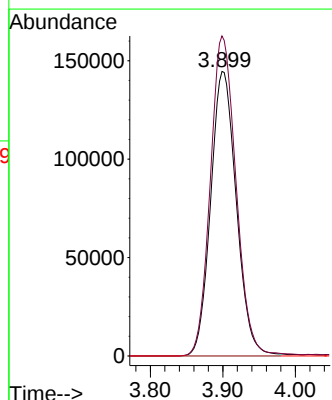
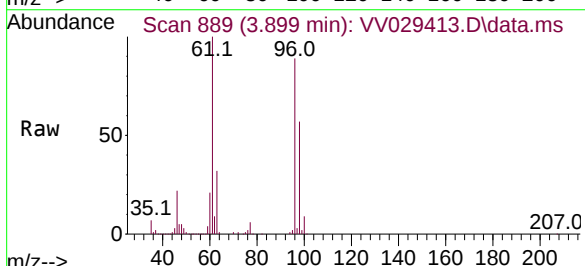
Tgt Ion: 96 Resp: 355153

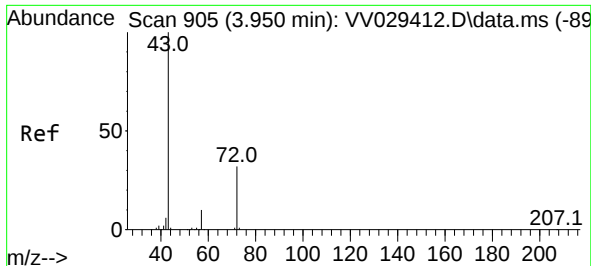
Ion Ratio Lower Upper

96 100

61 112.5 78.0 144.9

68 0.0 0.0 0.0

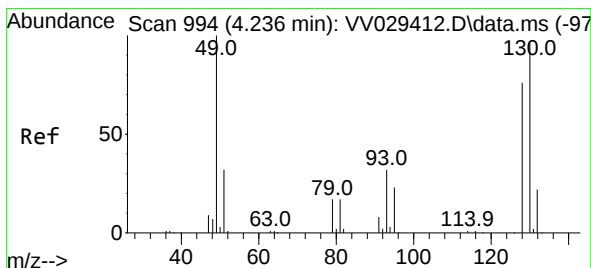
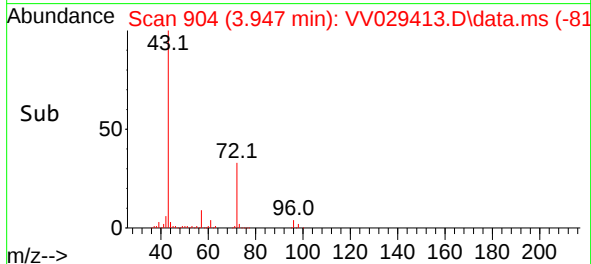
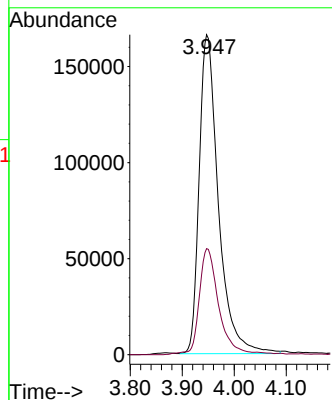
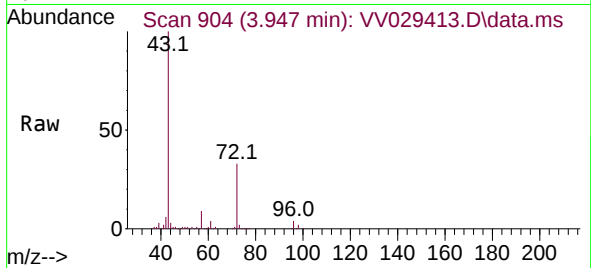




#22
2-Butanone
Concen: 186.251 ug/L
RT: 3.947 min Scan# 904
Delta R.T. -0.003 min
Lab File: VV029413.D
Acq: 07 Dec 2022 12:45

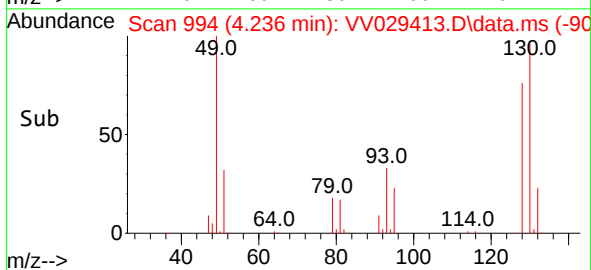
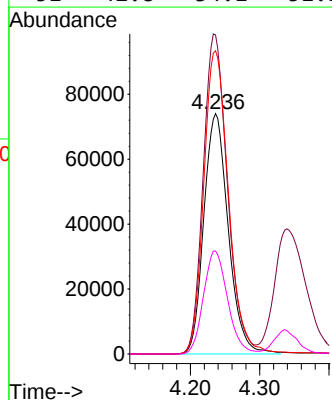
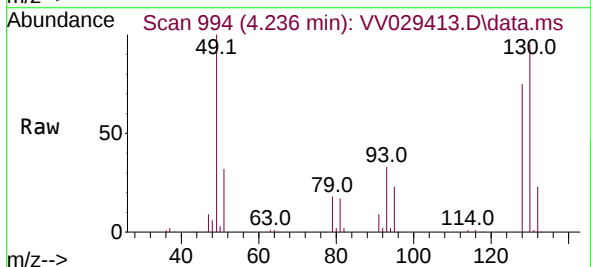
Instrument :
MSVOA_V
ClientSampleId :
VSTD100279

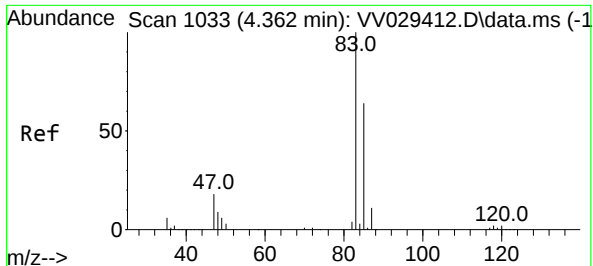
Tgt Ion: 43 Resp: 427208
Ion Ratio Lower Upper
43 100
72 30.6 15.9 47.6



#23
Bromochloromethane
Concen: 103.614 ug/L
RT: 4.236 min Scan# 994
Delta R.T. 0.000 min
Lab File: VV029413.D
Acq: 07 Dec 2022 12:45

Tgt Ion:128 Resp: 181473
Ion Ratio Lower Upper
128 100
49 132.7 92.2 171.2
130 126.1 88.3 164.1
51 42.8 34.1 51.1

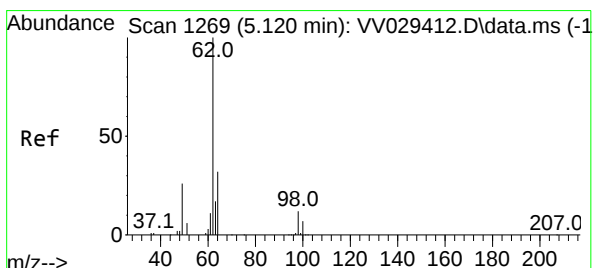
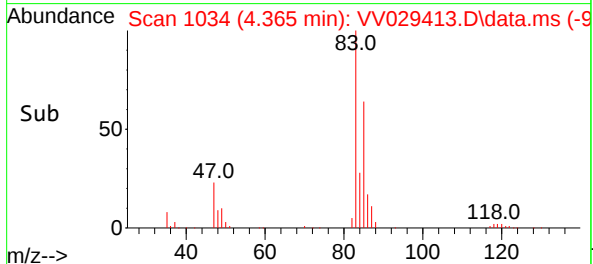
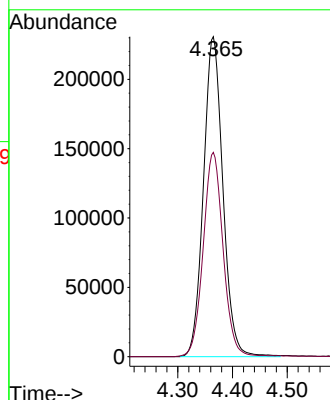
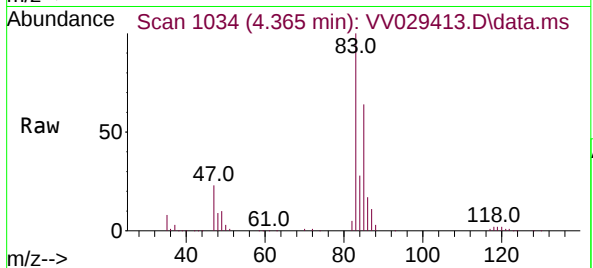




#25
Chloroform
Concen: 101.422 ug/L
RT: 4.365 min Scan# 1033
Delta R.T. 0.003 min
Lab File: VV029413.D
Acq: 07 Dec 2022 12:45

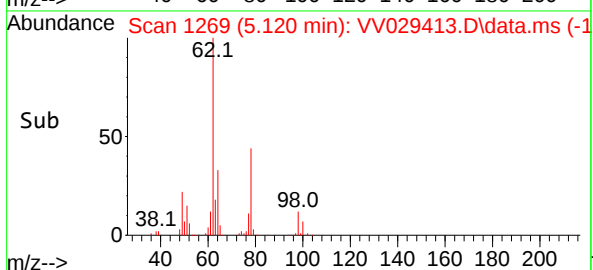
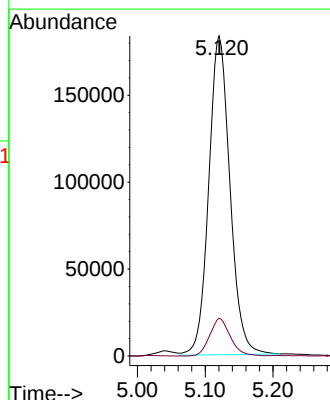
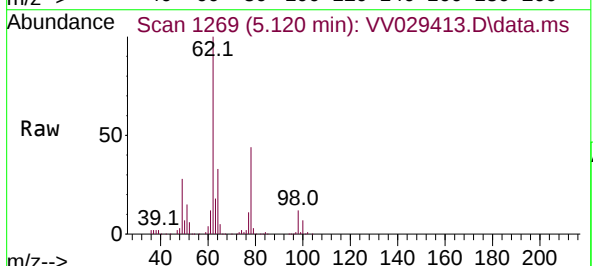
Instrument :
MSVOA_V
ClientSampleId :
VSTD100279

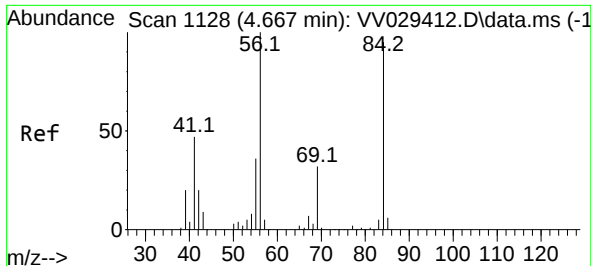
Tgt Ion: 83 Resp: 569696
Ion Ratio Lower Upper
83 100
85 63.9 45.1 83.9



#27
1,2-Dichloroethane
Concen: 101.173 ug/L
RT: 5.120 min Scan# 1269
Delta R.T. 0.000 min
Lab File: VV029413.D
Acq: 07 Dec 2022 12:45

Tgt Ion: 62 Resp: 399214
Ion Ratio Lower Upper
62 100
98 11.8 9.4 14.0

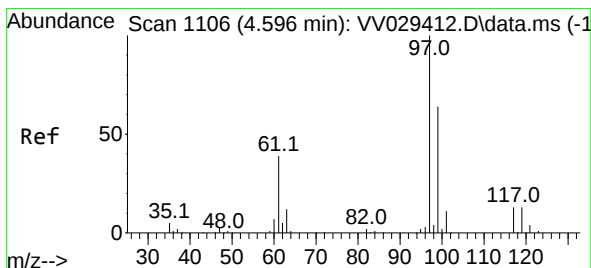
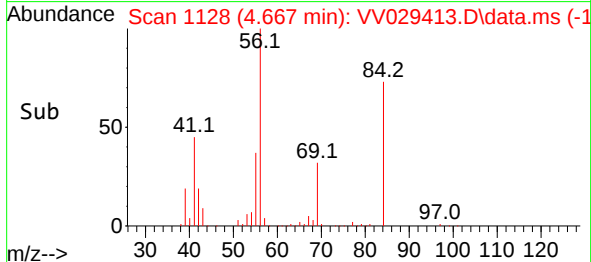
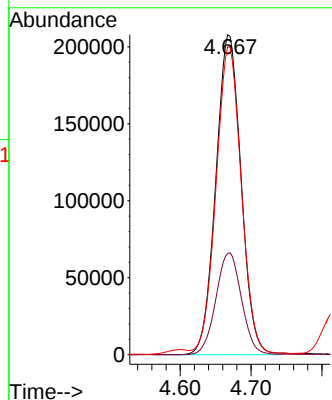
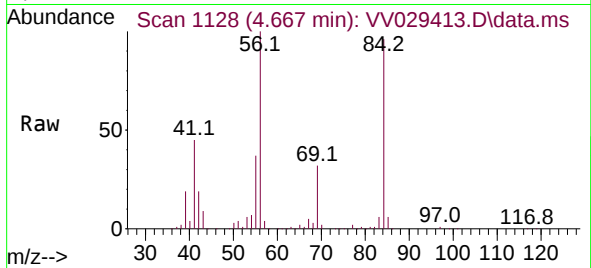




#29
Cyclohexane
Concen: 117.621 ug/L
RT: 4.667 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VV029413.D
Acq: 07 Dec 2022 12:45

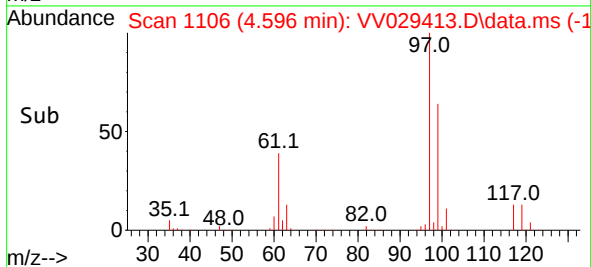
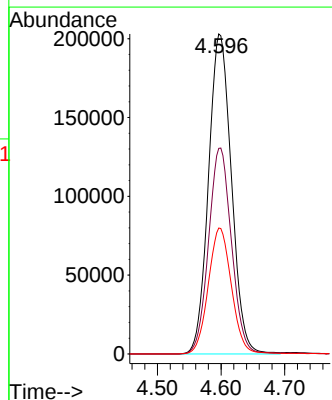
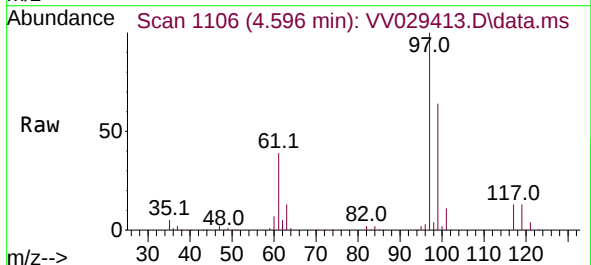
Instrument :
MSVOA_V
ClientSampleId :
VSTD100279

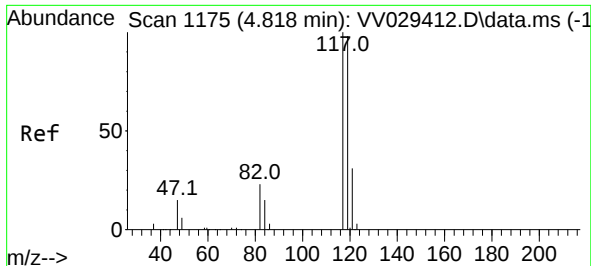
Tgt Ion: 56 Resp: 513763
Ion Ratio Lower Upper
56 100
69 32.3 25.8 38.8
84 95.6 76.6 114.8



#30
1,1,1-Trichloroethane
Concen: 106.046 ug/L
RT: 4.596 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VV029413.D
Acq: 07 Dec 2022 12:45

Tgt Ion: 97 Resp: 508421
Ion Ratio Lower Upper
97 100
99 64.3 52.1 78.1
61 39.7 31.8 47.8

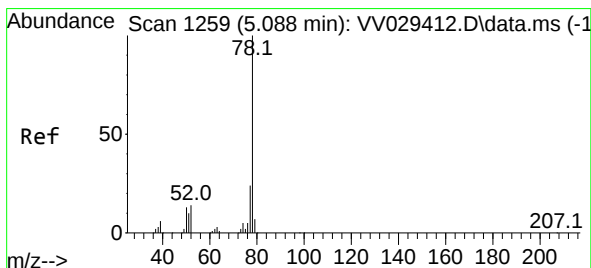
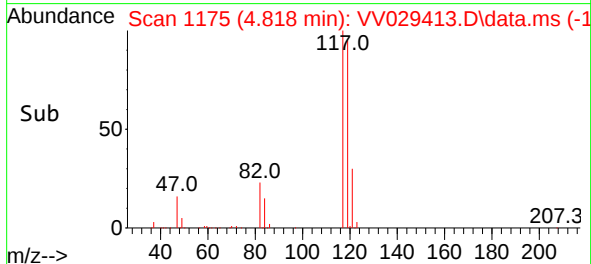
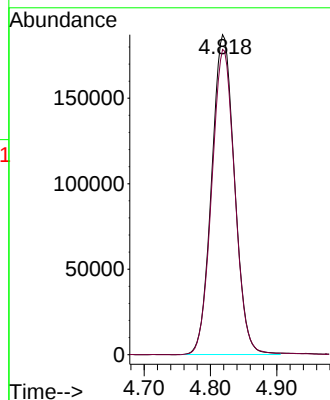
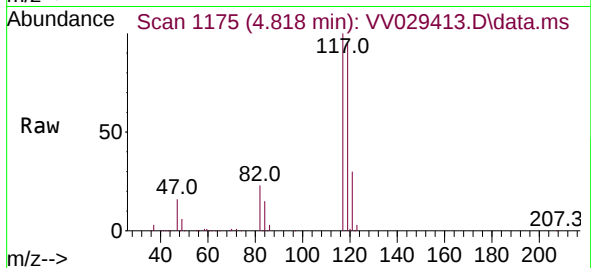




#31
Carbon tetrachloride
Concen: 107.904 ug/L
RT: 4.818 min Scan# 1175
Delta R.T. 0.000 min
Lab File: VV029413.D
Acq: 07 Dec 2022 12:45

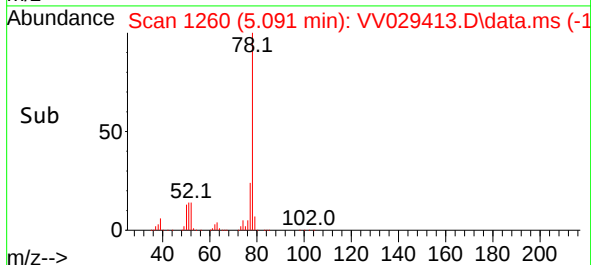
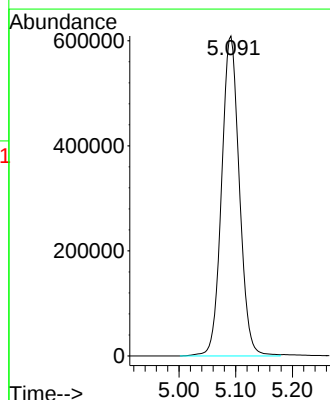
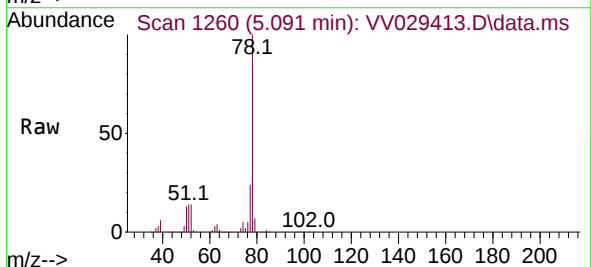
Instrument :
MSVOA_V
ClientSampleId :
VSTD100279

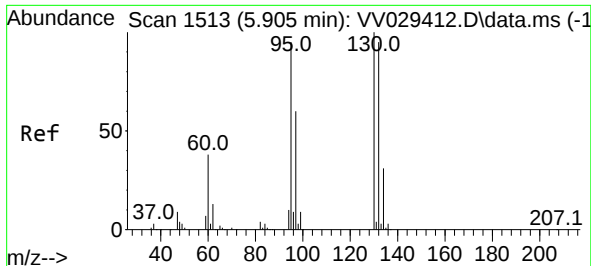
Tgt Ion:117 Resp: 448639
Ion Ratio Lower Upper
117 100
119 96.1 76.7 115.1



#33
Benzene
Concen: 114.054 ug/L
RT: 5.091 min Scan# 1260
Delta R.T. 0.003 min
Lab File: VV029413.D
Acq: 07 Dec 2022 12:45

Tgt Ion: 78 Resp: 1325298



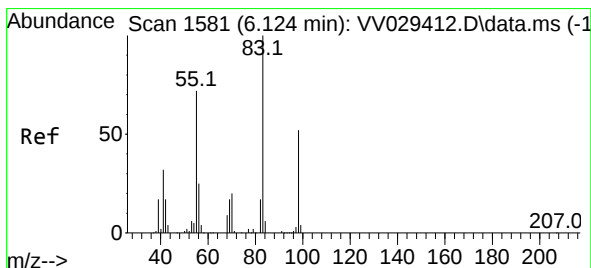
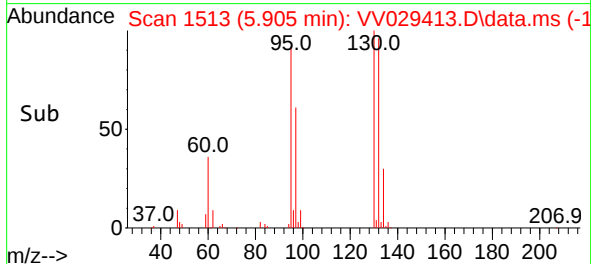
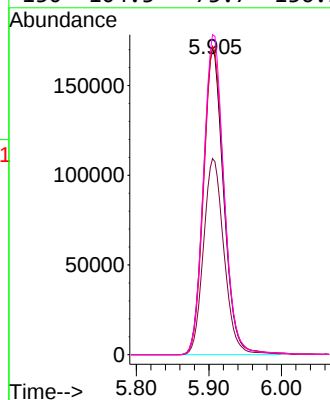
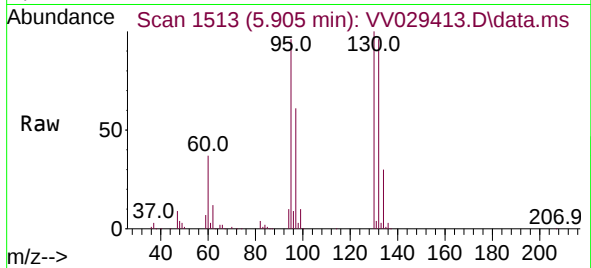


#34
Trichloroethene
Concen: 103.315 ug/L
RT: 5.905 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VV029413.D
Acq: 07 Dec 2022 12:45

Instrument :
MSVOA_V
ClientSampleId :
VSTD100279

Tgt Ion: 95 Resp: 334022

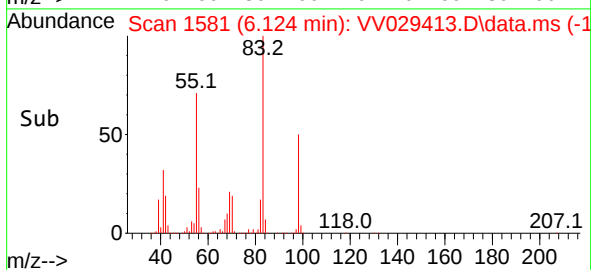
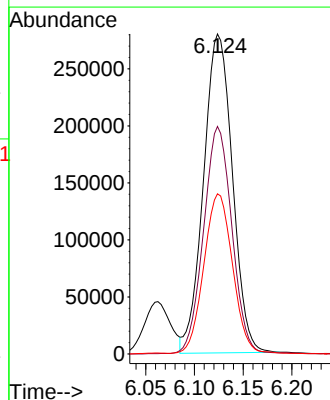
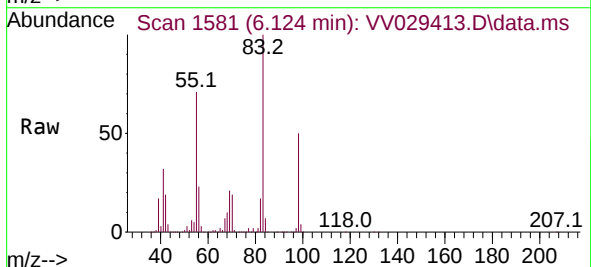
Ion	Ratio	Lower	Upper
95	100		
97	63.9	44.0	81.8
132	100.6	69.9	129.9
130	104.3	73.7	136.9

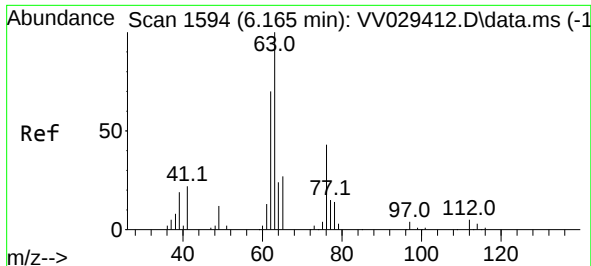


#35
Methylcyclohexane
Concen: 125.303 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. 0.000 min
Lab File: VV029413.D
Acq: 07 Dec 2022 12:45

Tgt Ion: 83 Resp: 577032

Ion	Ratio	Lower	Upper
83	100		
55	70.0	55.5	83.3
98	50.3	39.8	59.8





#37

1,2-Dichloropropane

Concen: 104.636 ug/L

RT: 6.165 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV029413.D

Acq: 07 Dec 2022 12:45

Instrument :

MSVOA_V

ClientSampleId :

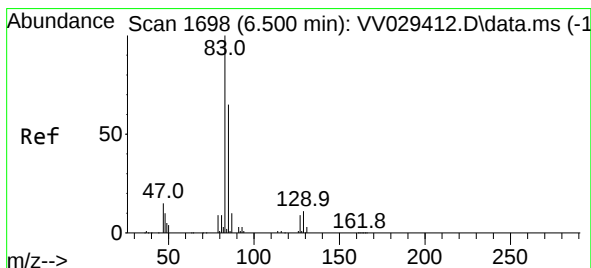
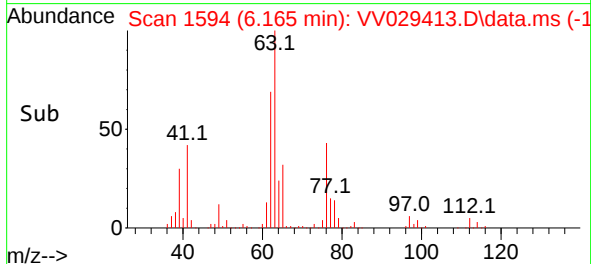
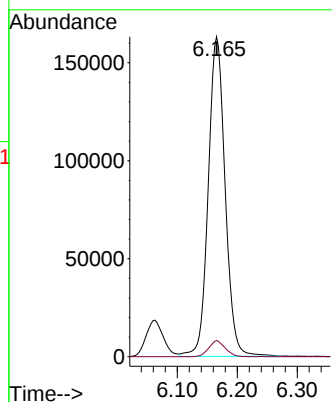
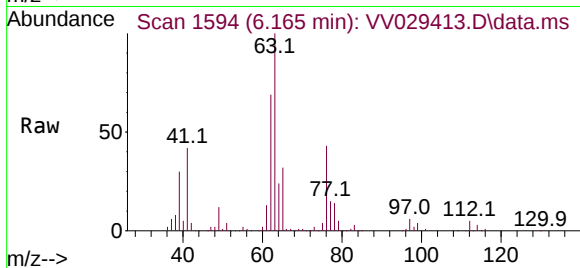
VSTD100279

Tgt Ion: 63 Resp: 319746

Ion Ratio Lower Upper

63 100

112 4.9 3.9 5.9



#38

Bromodichloromethane

Concen: 106.331 ug/L

RT: 6.500 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VV029413.D

Acq: 07 Dec 2022 12:45

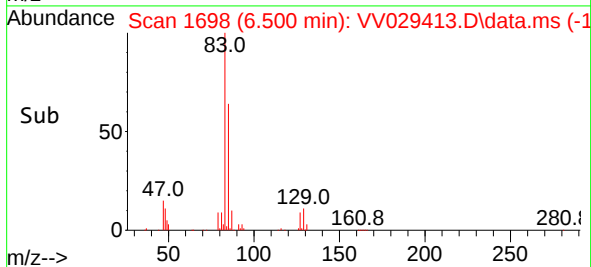
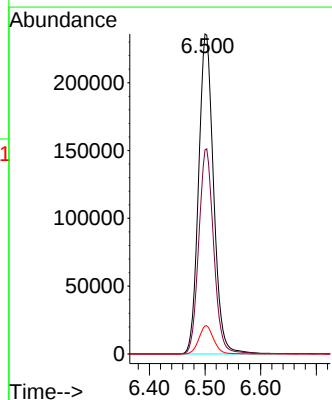
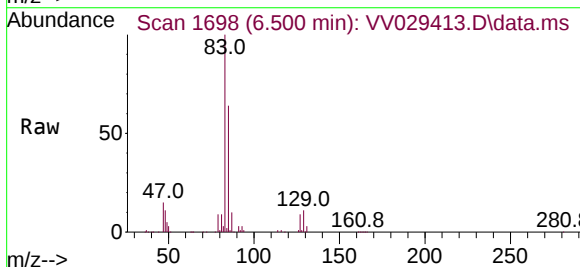
Tgt Ion: 83 Resp: 441921

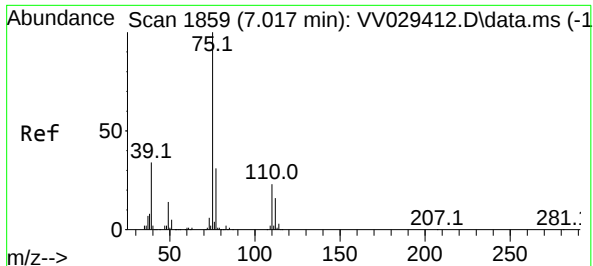
Ion Ratio Lower Upper

83 100

85 63.7 45.3 84.1

127 8.8 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 112.222 ug/L

RT: 7.017 min Scan# 1859

Delta R.T. 0.000 min

Lab File: VV029413.D

Acq: 07 Dec 2022 12:45

Instrument :

MSVOA_V

ClientSampleId :

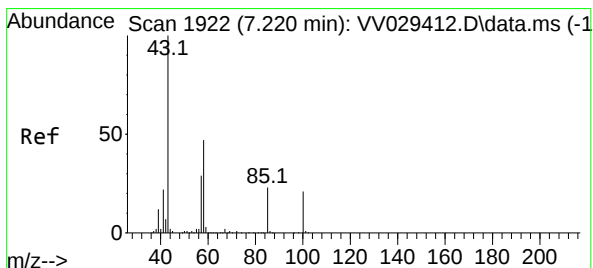
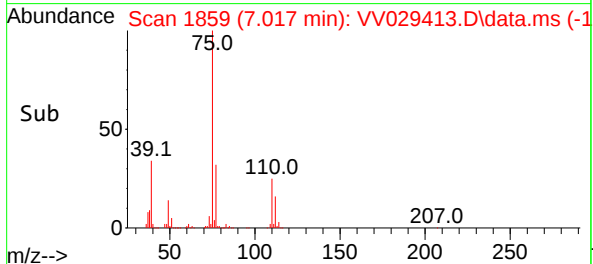
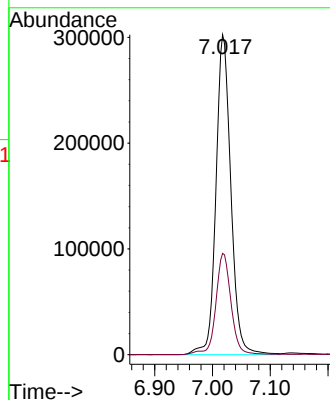
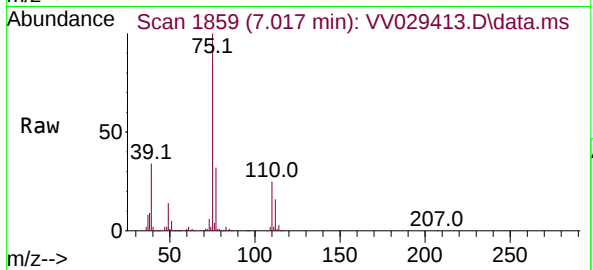
VSTD100279

Tgt Ion: 75 Resp: 542921

Ion Ratio Lower Upper

75 100

77 31.7 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 183.260 ug/L

RT: 7.220 min Scan# 1922

Delta R.T. 0.000 min

Lab File: VV029413.D

Acq: 07 Dec 2022 12:45

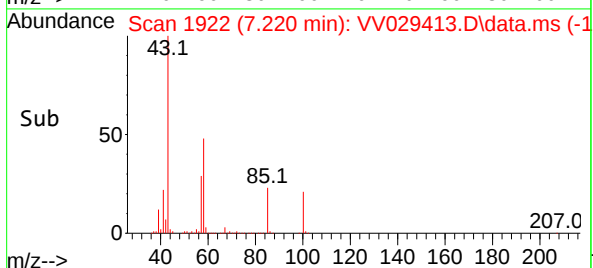
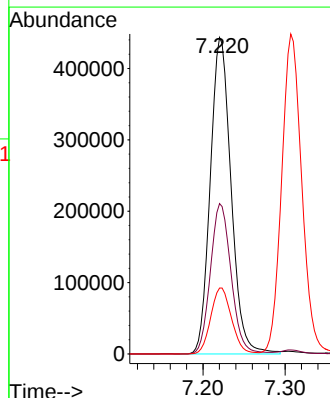
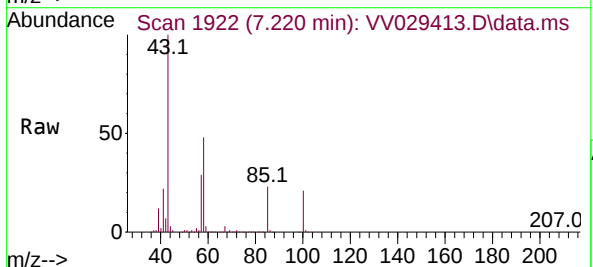
Tgt Ion: 43 Resp: 780677

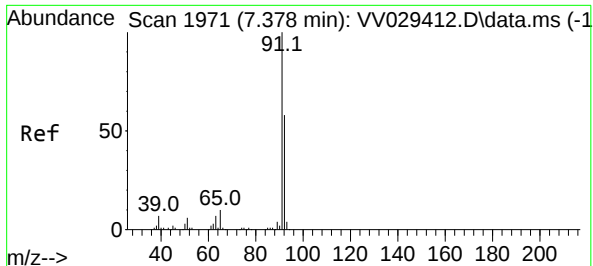
Ion Ratio Lower Upper

43 100

58 47.3 37.5 56.3

100 20.9 16.7 25.1

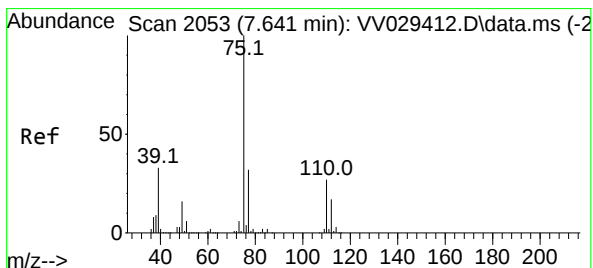
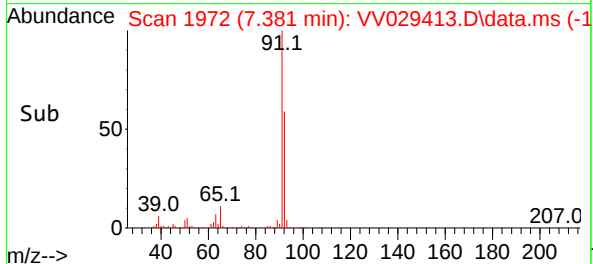
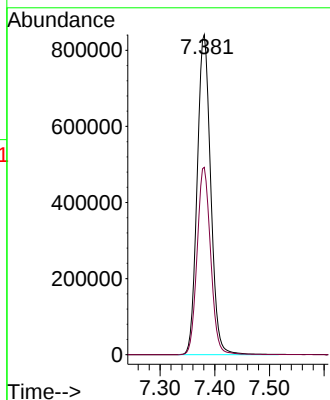
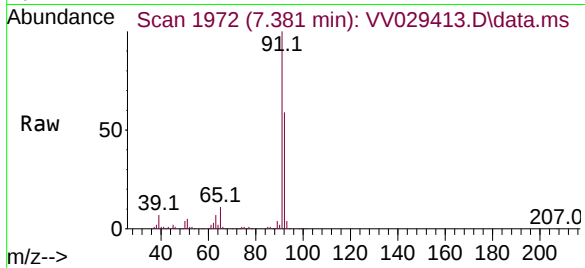




#42
Toluene
Concen: 115.082 ug/L
RT: 7.381 min Scan# 1971
Delta R.T. 0.003 min
Lab File: VV029413.D
Acq: 07 Dec 2022 12:45

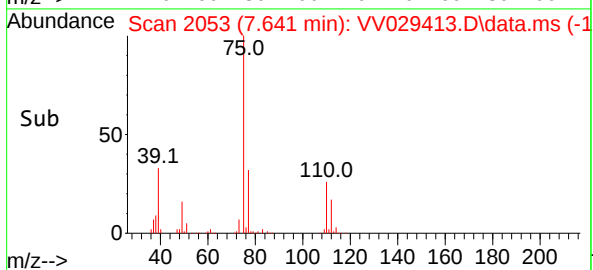
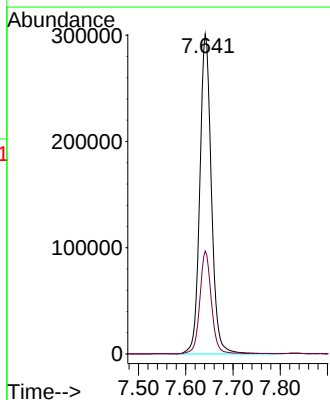
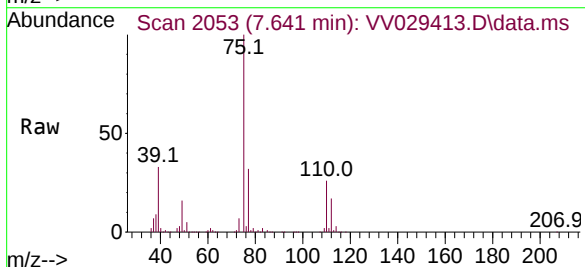
Instrument :
MSVOA_V
ClientSampleId :
VSTD100279

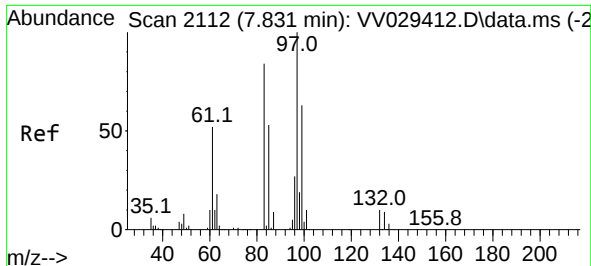
Tgt Ion: 91 Resp: 1443831
Ion Ratio Lower Upper
91 100
92 58.5 40.6 75.4



#44
trans-1,3-Dichloropropene
Concen: 110.972 ug/L
RT: 7.641 min Scan# 2053
Delta R.T. 0.000 min
Lab File: VV029413.D
Acq: 07 Dec 2022 12:45

Tgt Ion: 75 Resp: 512572
Ion Ratio Lower Upper
75 100
77 32.1 22.3 41.5



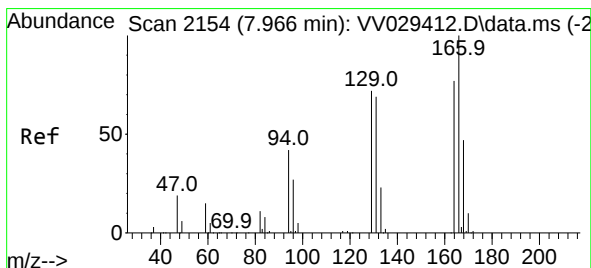
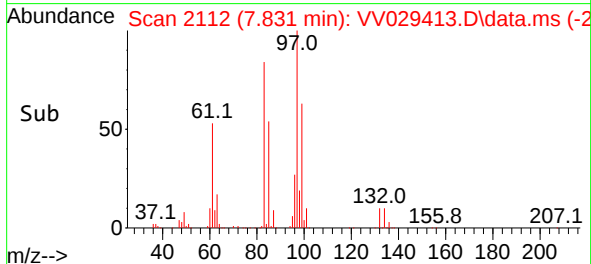
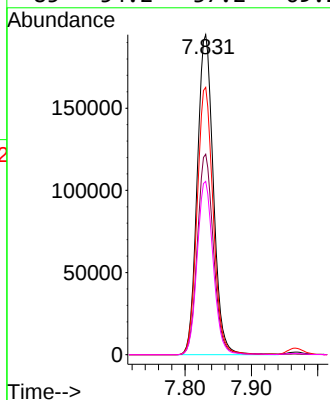
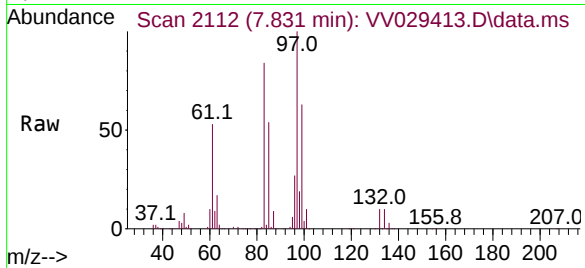


#45
1,1,2-Trichloroethane
Concen: 106.001 ug/L
RT: 7.831 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VV029413.D
Acq: 07 Dec 2022 12:45

Instrument :
MSVOA_V
ClientSampleId :
VSTD100279

Tgt Ion: 97 Resp: 328663

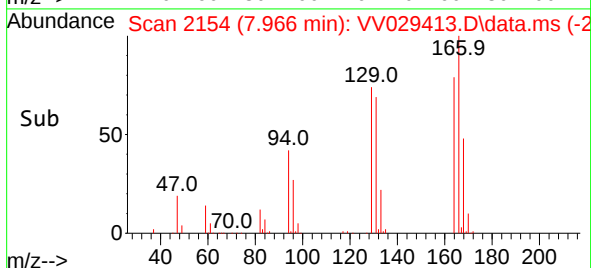
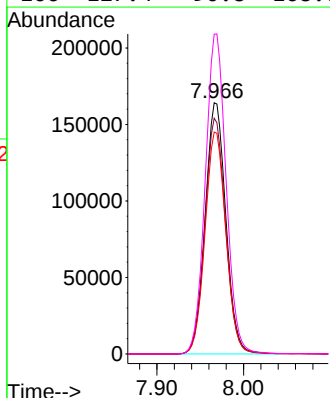
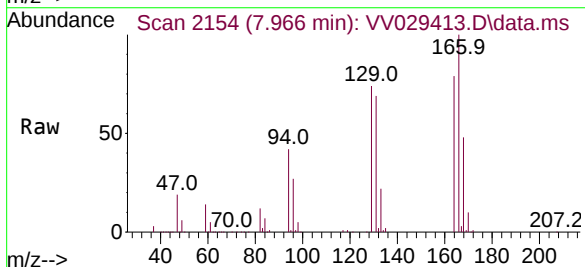
Ion	Ratio	Lower	Upper
97	100		
99	62.7	43.8	81.3
83	83.5	58.6	108.8
85	54.2	37.2	69.2

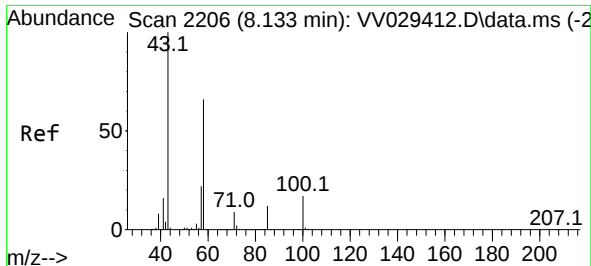


#46
Tetrachloroethene
Concen: 112.486 ug/L
RT: 7.966 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VV029413.D
Acq: 07 Dec 2022 12:45

Tgt Ion: 164 Resp: 273644

Ion	Ratio	Lower	Upper
164	100		
129	93.8	65.3	121.3
131	88.3	63.1	117.1
166	127.4	90.8	168.6

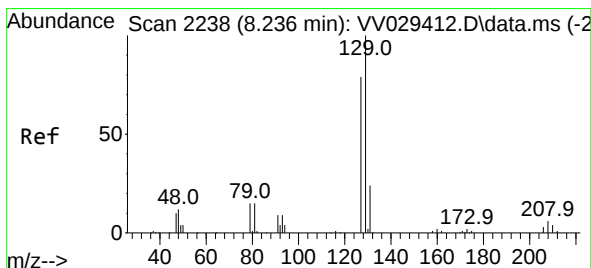
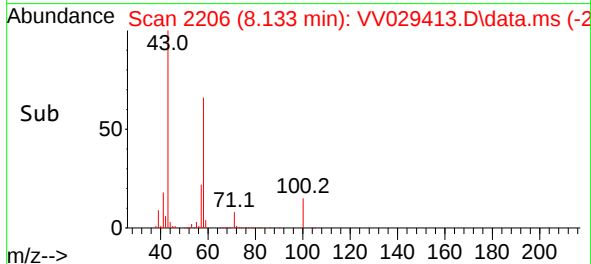
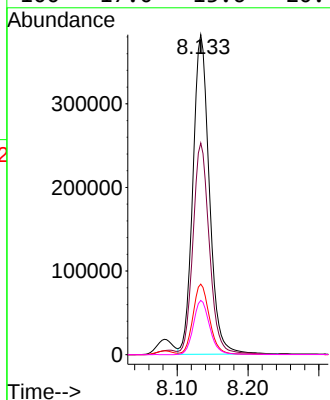
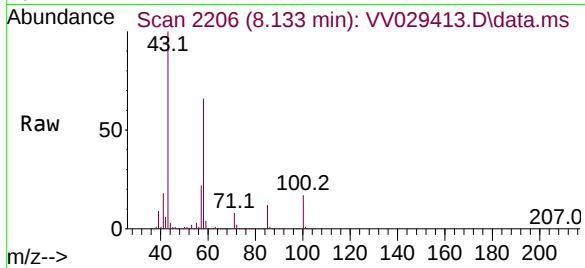




#48
2-Hexanone
Concen: 187.787 ug/L
RT: 8.133 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV029413.D
Acq: 07 Dec 2022 12:45

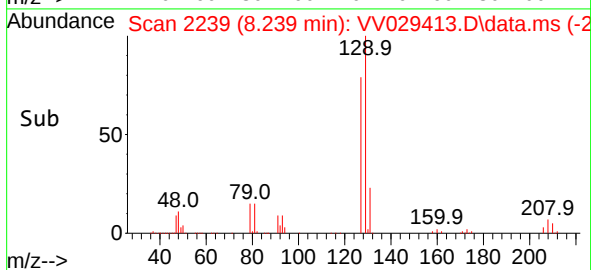
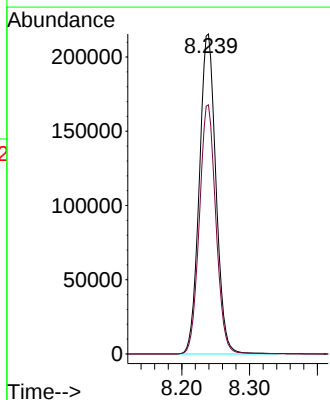
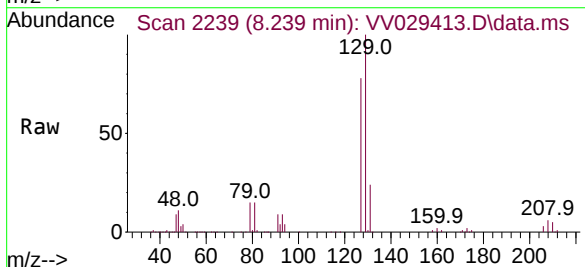
Instrument :
MSVOA_V
ClientSampleId :
VSTD100279

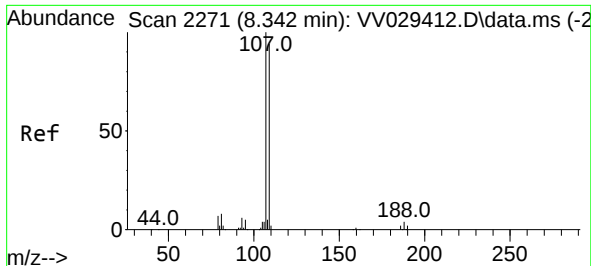
Tgt Ion: 43 Resp: 615488
Ion Ratio Lower Upper
43 100
58 65.6 54.1 81.1
57 22.4 17.4 26.0
100 17.0 13.6 20.4



#49
Dibromochloromethane
Concen: 104.547 ug/L
RT: 8.239 min Scan# 2239
Delta R.T. 0.003 min
Lab File: VV029413.D
Acq: 07 Dec 2022 12:45

Tgt Ion: 129 Resp: 367427
Ion Ratio Lower Upper
129 100
127 77.9 55.2 102.4





#50

1,2-Dibromoethane

Concen: 104.760 ug/L

RT: 8.342 min Scan# 2271

Delta R.T. 0.000 min

Lab File: VV029413.D

Acq: 07 Dec 2022 12:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD100279

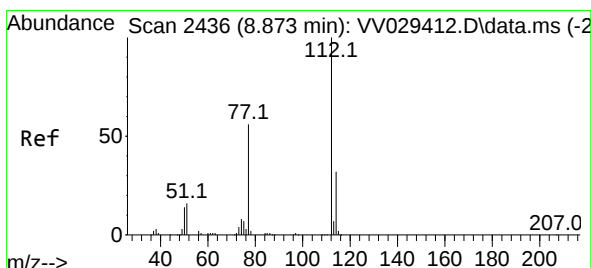
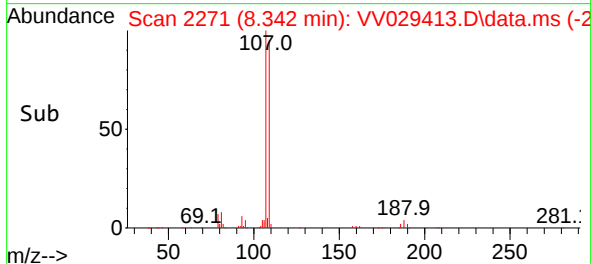
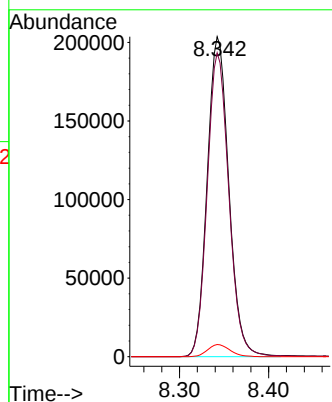
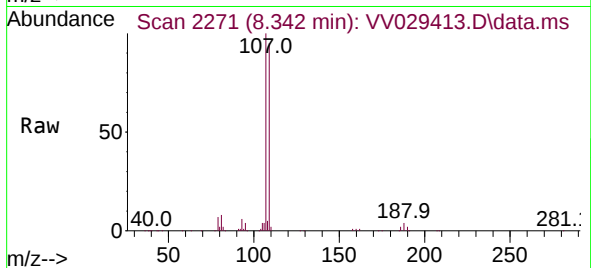
Tgt Ion:107 Resp: 343161

Ion Ratio Lower Upper

107 100

109 95.0 66.0 122.6

188 3.8 3.2 4.8



#51

Chlorobenzene

Concen: 110.477 ug/L

RT: 8.873 min Scan# 2436

Delta R.T. 0.000 min

Lab File: VV029413.D

Acq: 07 Dec 2022 12:45

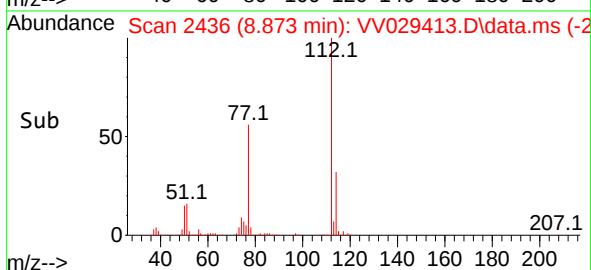
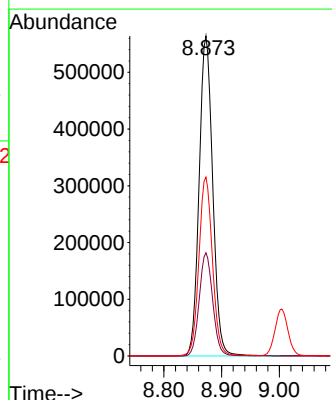
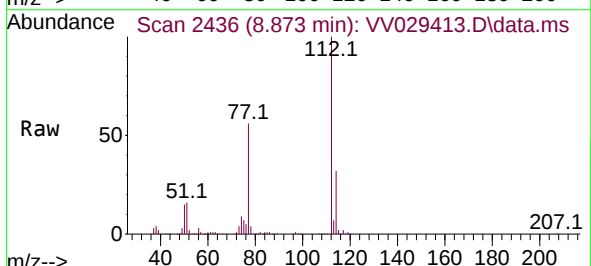
Tgt Ion:112 Resp: 917954

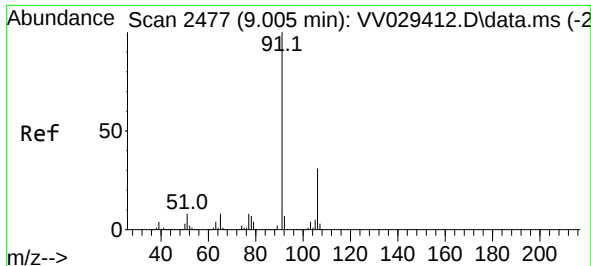
Ion Ratio Lower Upper

112 100

114 32.3 22.3 41.3

77 55.9 45.0 67.4





#52

Ethylbenzene

Concen: 113.854 ug/L

RT: 9.005 min Scan# 2477

Delta R.T. 0.000 min

Lab File: VV029413.D

Acq: 07 Dec 2022 12:45

Instrument :

MSVOA_V

ClientSampleId :

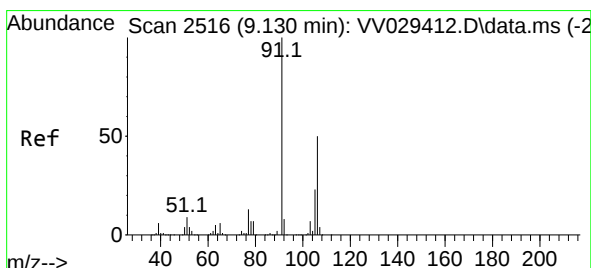
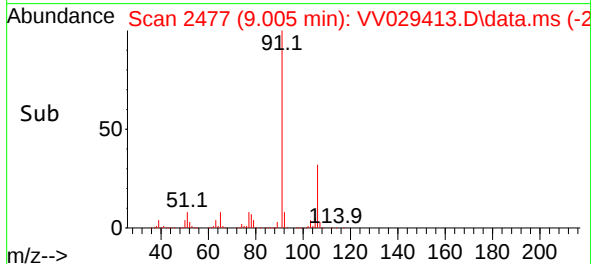
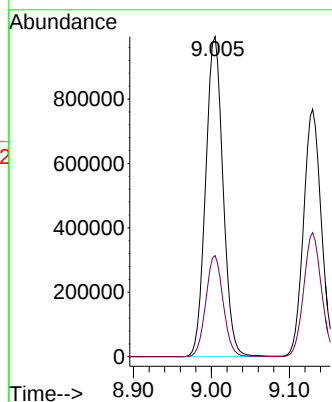
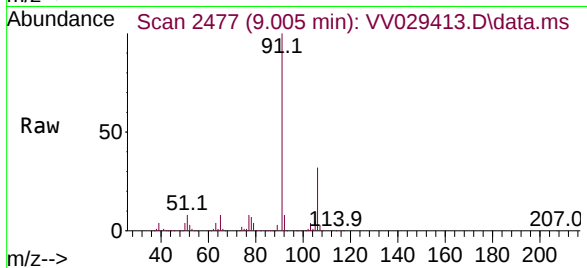
VSTD100279

Tgt Ion: 91 Resp: 1545621

Ion Ratio Lower Upper

91 100

106 31.6 21.8 40.6



#53

m,p-Xylene

Concen: 115.408 ug/L

RT: 9.130 min Scan# 2516

Delta R.T. 0.000 min

Lab File: VV029413.D

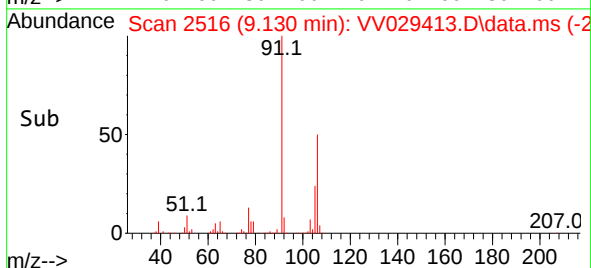
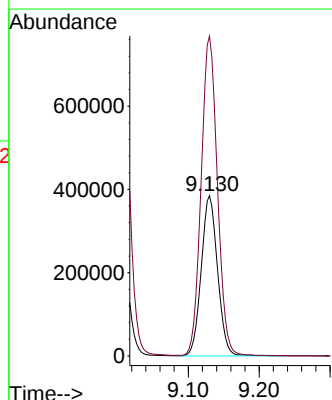
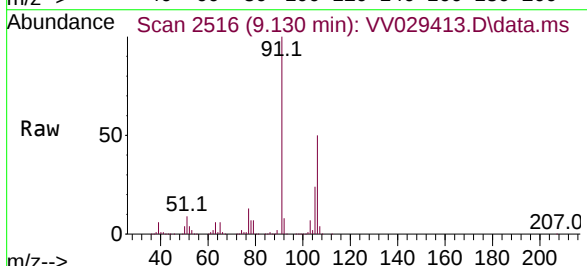
Acq: 07 Dec 2022 12:45

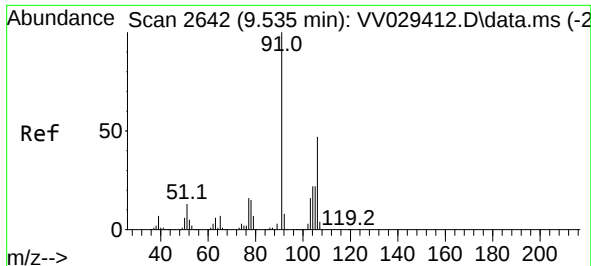
Tgt Ion:106 Resp: 611733

Ion Ratio Lower Upper

106 100

91 199.6 139.5 259.1

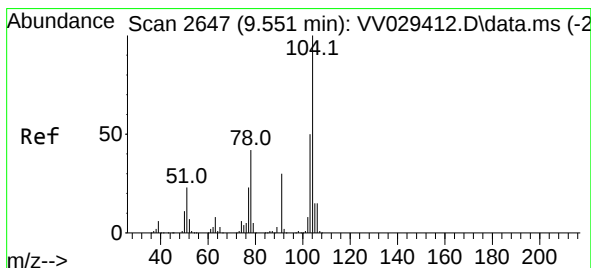
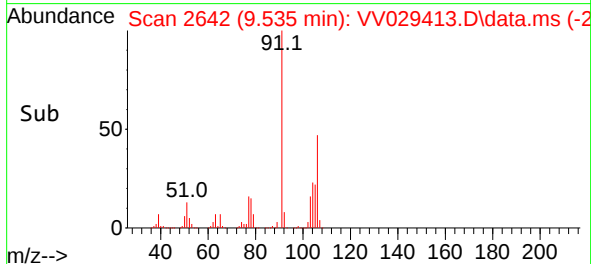
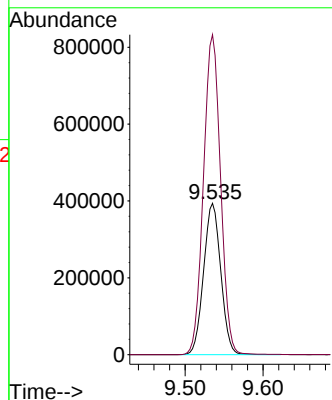
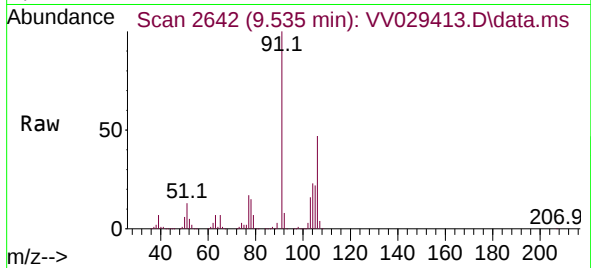




#54
o-Xylene
Concen: 113.748 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. 0.000 min
Lab File: VV029413.D
Acq: 07 Dec 2022 12:45

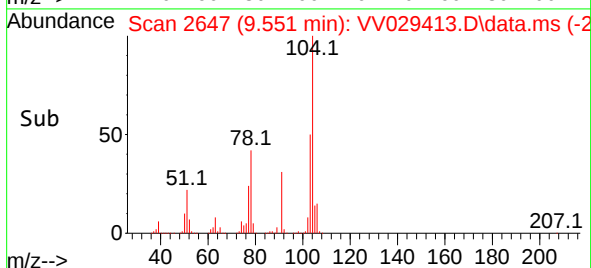
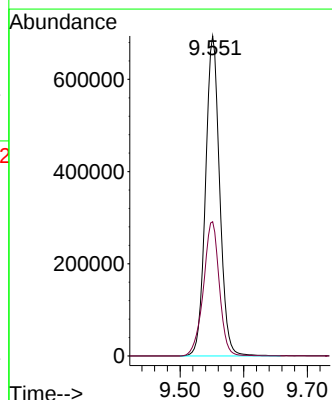
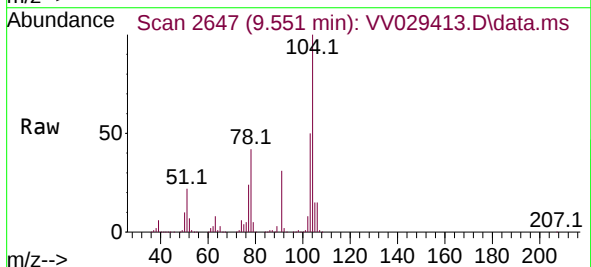
Instrument :
MSVOA_V
ClientSampleId :
VSTD100279

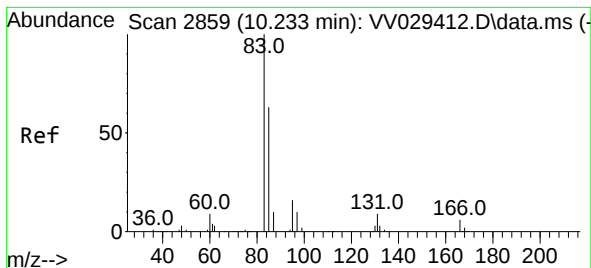
Tgt Ion:106 Resp: 602843
Ion Ratio Lower Upper
106 100
91 211.5 148.0 274.8



#55
Styrene
Concen: 119.848 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. 0.000 min
Lab File: VV029413.D
Acq: 07 Dec 2022 12:45

Tgt Ion:104 Resp: 1071355
Ion Ratio Lower Upper
104 100
78 42.0 29.4 54.6

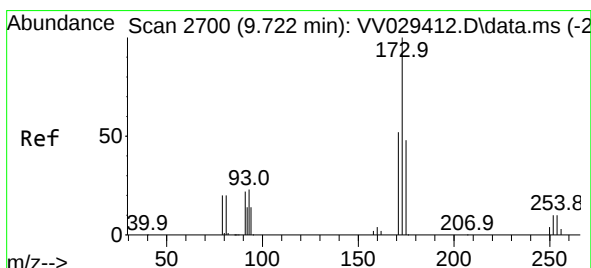
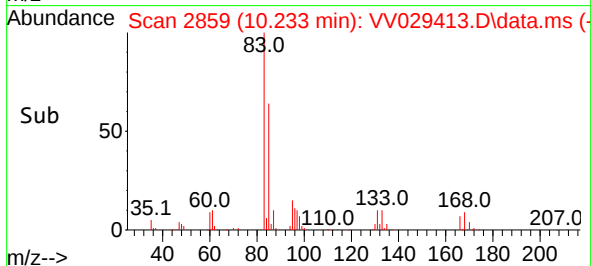
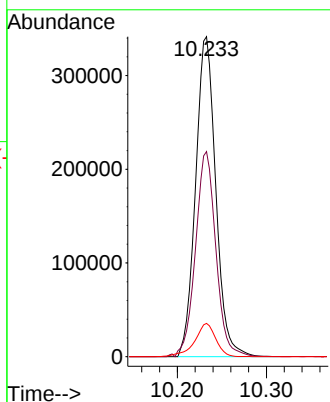
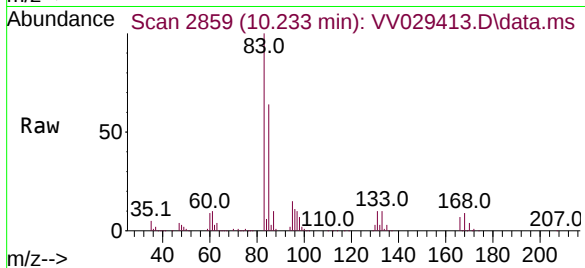




#57
 1,1,2,2-Tetrachloroethane
 Concen: 114.941 ug/L
 RT: 10.233 min Scan# 2859
 Delta R.T. 0.000 min
 Lab File: VV029413.D
 Acq: 07 Dec 2022 12:45

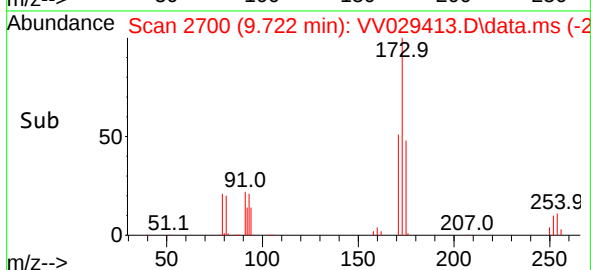
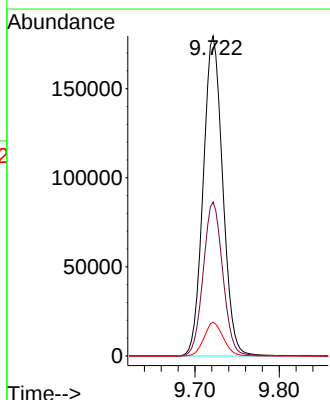
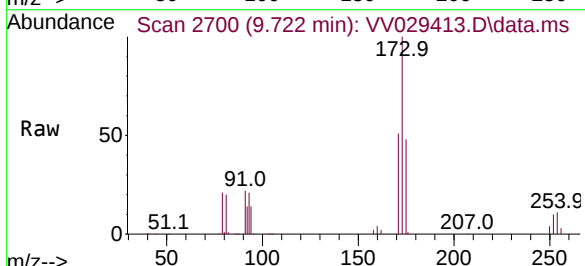
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100279

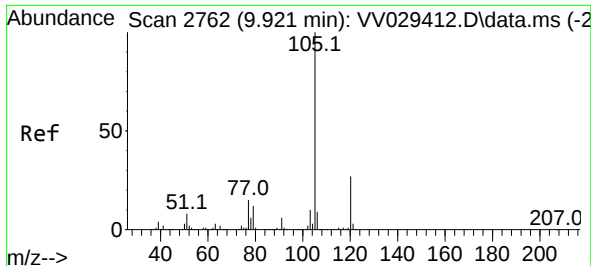
Tgt Ion: 83 Resp: 538710
 Ion Ratio Lower Upper
 83 100
 85 64.1 45.7 84.9
 131 10.4 7.9 11.9



#59
 Bromoform
 Concen: 101.483 ug/L
 RT: 9.722 min Scan# 2700
 Delta R.T. 0.000 min
 Lab File: VV029413.D
 Acq: 07 Dec 2022 12:45

Tgt Ion: 173 Resp: 289566
 Ion Ratio Lower Upper
 173 100
 175 48.2 38.4 57.6
 254 10.4 7.8 11.8

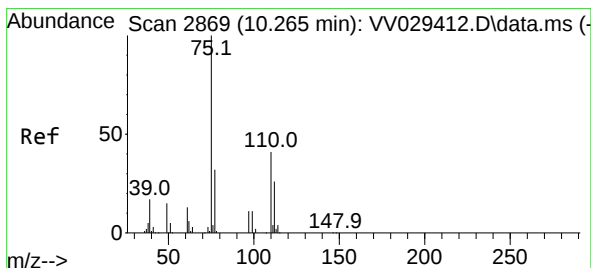
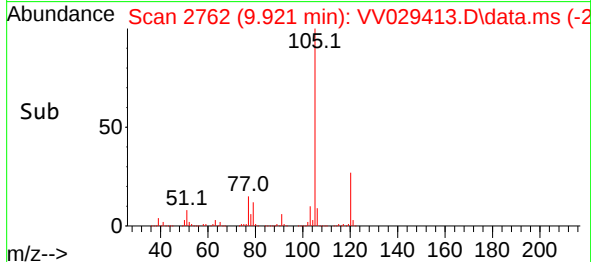
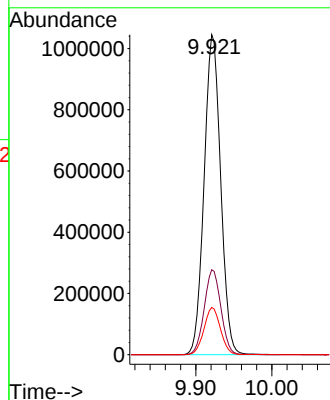
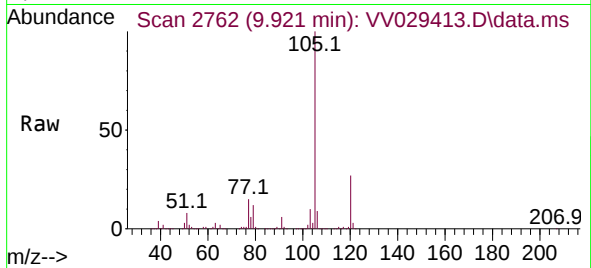




#60
Isopropylbenzene
Concen: 102.909 ug/L
RT: 9.921 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV029413.D
Acq: 07 Dec 2022 12:45

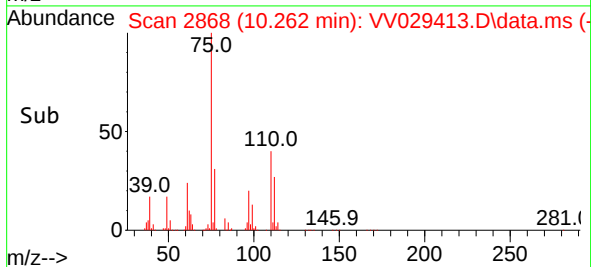
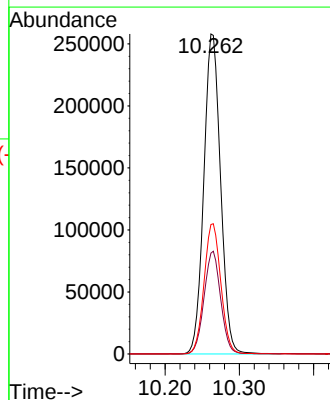
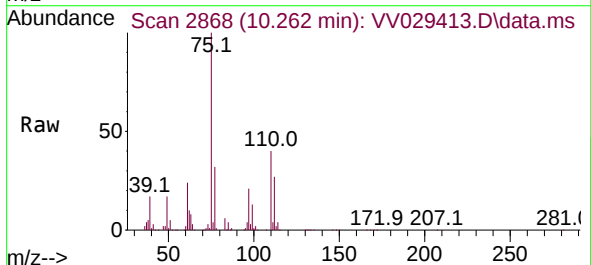
Instrument :
MSVOA_V
ClientSampleId :
VSTD100279

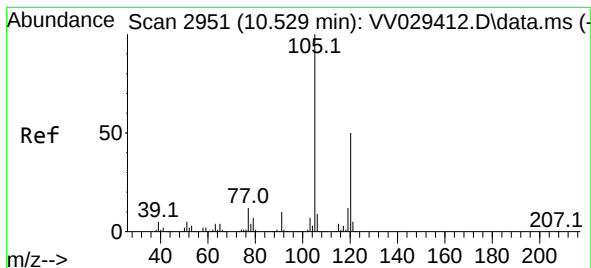
Tgt Ion:105 Resp: 1582466
Ion Ratio Lower Upper
105 100
120 26.7 21.1 31.7
77 14.7 11.6 17.4



#61
1,2,3-Trichloropropane
Concen: 93.414 ug/L
RT: 10.262 min Scan# 2868
Delta R.T. -0.003 min
Lab File: VV029413.D
Acq: 07 Dec 2022 12:45

Tgt Ion: 75 Resp: 403947
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.2
110 40.8 32.7 49.1

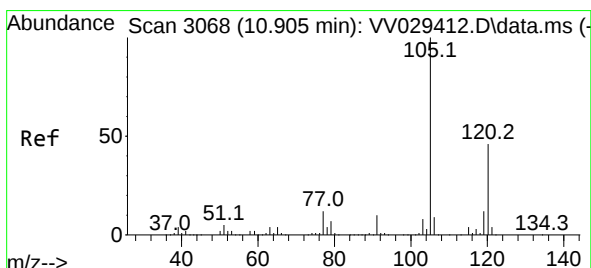
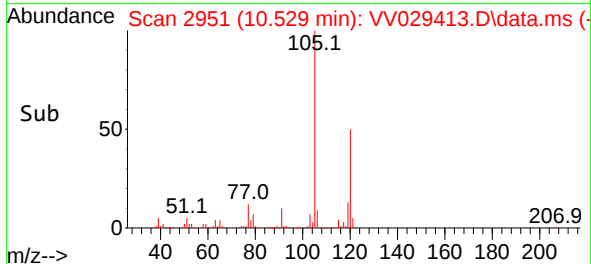
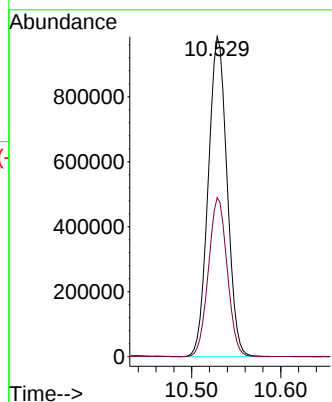
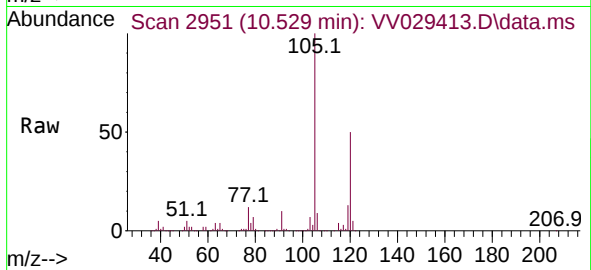




#62
 1,3,5-Trimethylbenzene
 Concen: 110.022 ug/L
 RT: 10.529 min Scan# 2951
 Delta R.T. 0.000 min
 Lab File: VV029413.D
 Acq: 07 Dec 2022 12:45

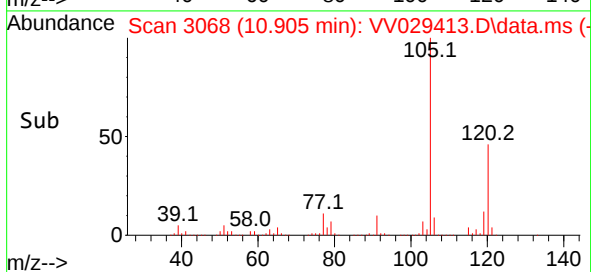
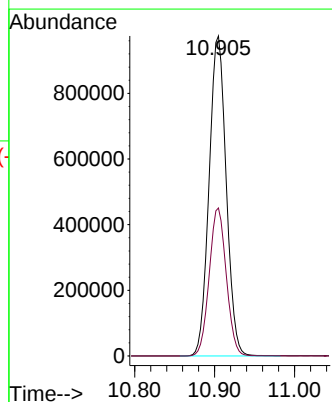
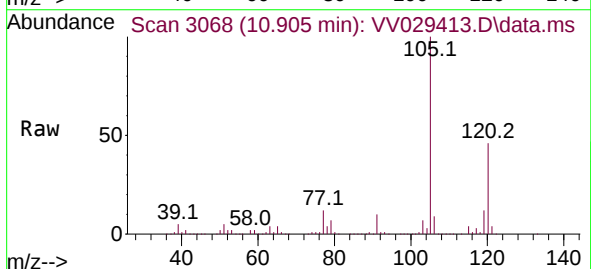
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100279

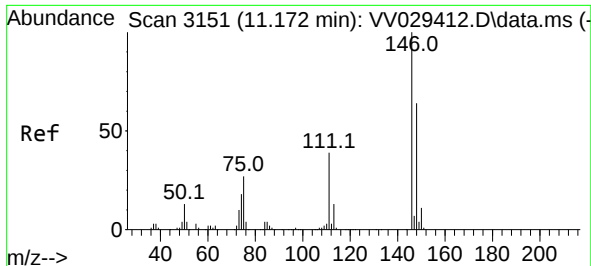
Tgt Ion:105 Resp: 1440860
 Ion Ratio Lower Upper
 105 100
 120 49.6 40.0 60.0



#63
 1,2,4-Trimethylbenzene
 Concen: 109.140 ug/L
 RT: 10.905 min Scan# 3068
 Delta R.T. 0.000 min
 Lab File: VV029413.D
 Acq: 07 Dec 2022 12:45

Tgt Ion:105 Resp: 1450269
 Ion Ratio Lower Upper
 105 100
 120 46.1 36.7 55.1

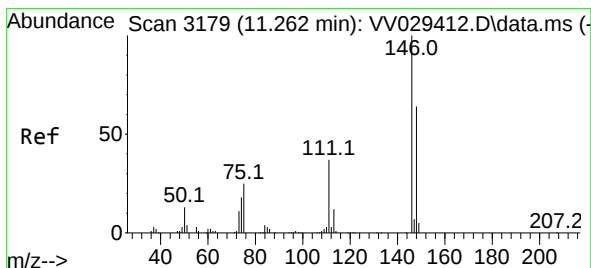
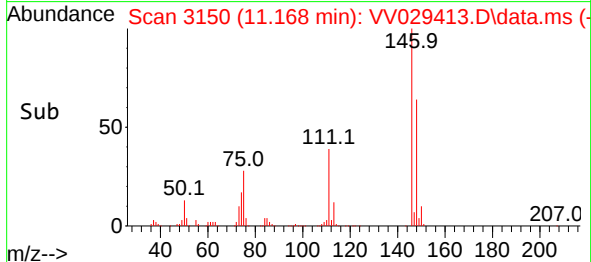
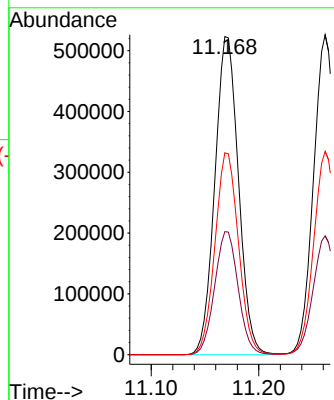
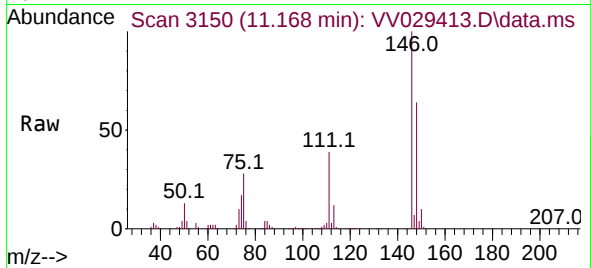




#64
1,3-Dichlorobenzene
Concen: 107.954 ug/L
RT: 11.168 min Scan# 3150
Delta R.T. -0.003 min
Lab File: VV029413.D
Acq: 07 Dec 2022 12:45

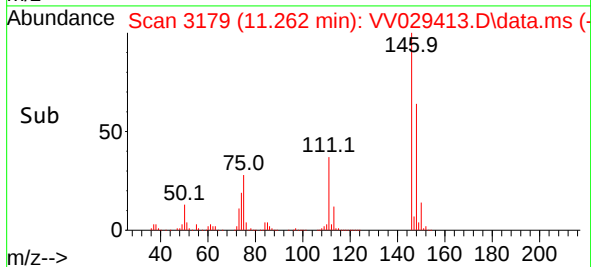
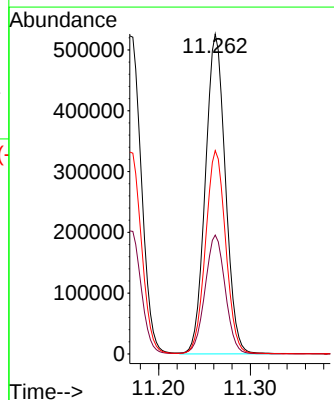
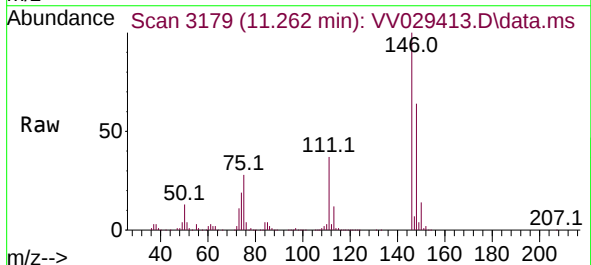
Instrument :
MSVOA_V
ClientSampleId :
VSTD100279

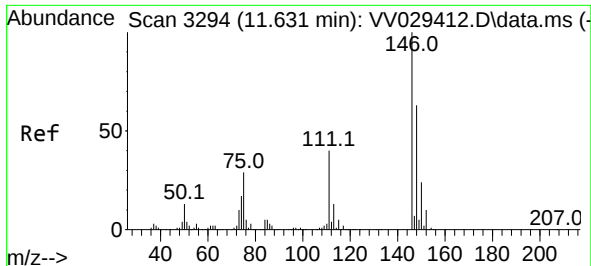
Tgt Ion:146 Resp: 798971
Ion Ratio Lower Upper
146 100
111 38.7 27.4 51.0
148 63.5 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 107.188 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. 0.000 min
Lab File: VV029413.D
Acq: 07 Dec 2022 12:45

Tgt Ion:146 Resp: 798495
Ion Ratio Lower Upper
146 100
111 37.2 26.2 48.8
148 63.6 44.7 83.1

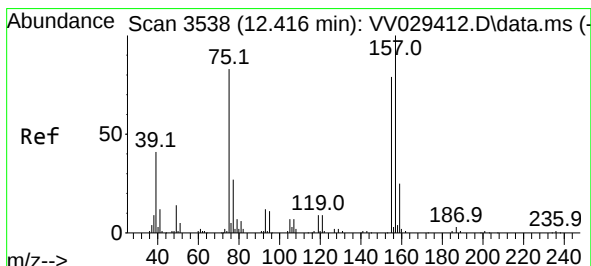
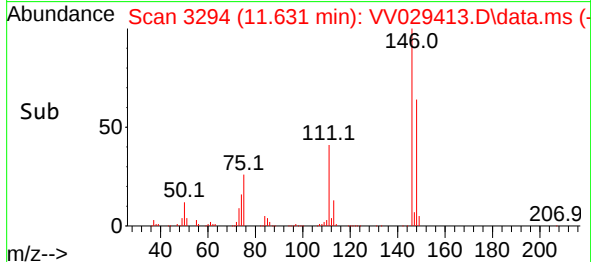
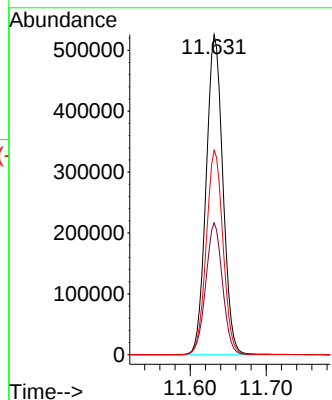
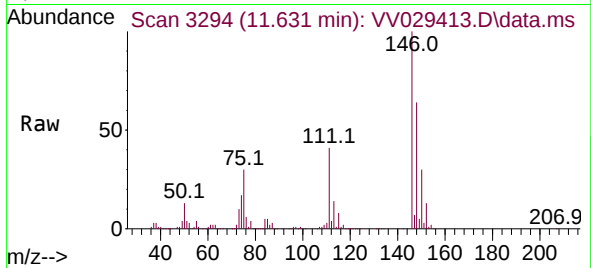




#67
1,2-Dichlorobenzene
Concen: 106.235 ug/L
RT: 11.631 min Scan# 3294
Delta R.T. 0.000 min
Lab File: VV029413.D
Acq: 07 Dec 2022 12:45

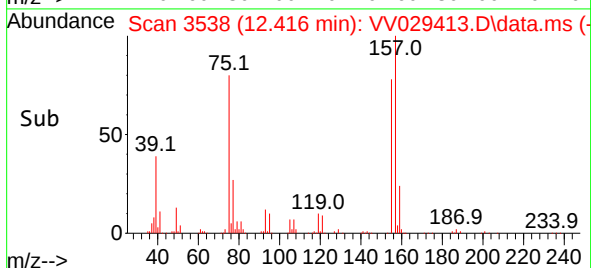
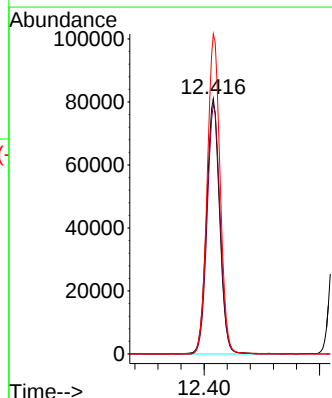
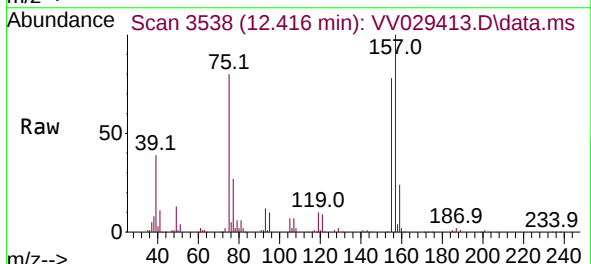
Instrument :
MSVOA_V
ClientSampleId :
VSTD100279

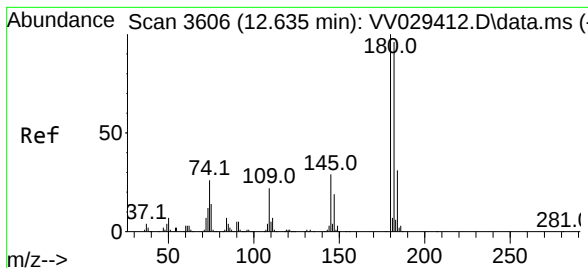
Tgt Ion:146 Resp: 802405
Ion Ratio Lower Upper
146 100
111 41.2 32.0 48.0
148 63.9 50.6 76.0



#68
1,2-Dibromo-3-chloropropane
Concen: 109.863 ug/L
RT: 12.416 min Scan# 3538
Delta R.T. 0.000 min
Lab File: VV029413.D
Acq: 07 Dec 2022 12:45

Tgt Ion: 75 Resp: 127787
Ion Ratio Lower Upper
75 100
155 97.9 76.2 114.2
157 125.4 96.0 144.0





#69

1,3,5-Trichlorobenzene

Concen: 116.773 ug/L

RT: 12.635 min Scan# 3606

Delta R.T. 0.000 min

Lab File: VV029413.D

Acq: 07 Dec 2022 12:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD100279

Tgt Ion:180 Resp: 651539

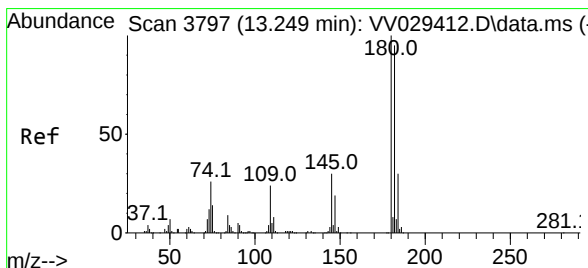
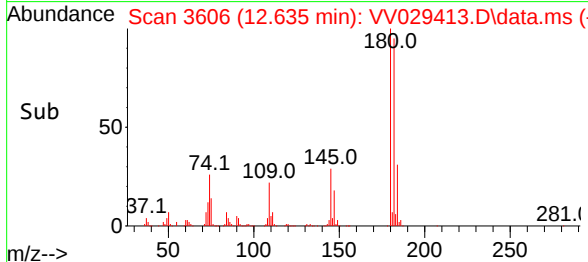
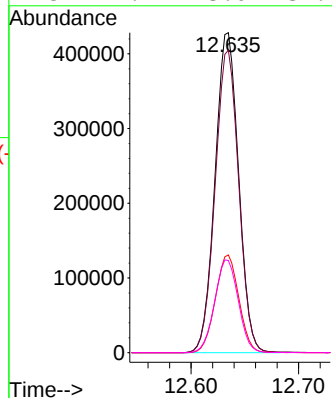
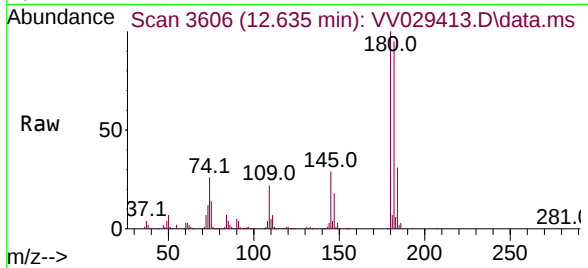
Ion Ratio Lower Upper

180 100

182 94.7 76.5 114.7

184 30.4 24.6 36.8

145 29.1 23.0 34.6



#70

1,2,4-trichlorobenzene

Concen: 123.341 ug/L

RT: 13.249 min Scan# 3797

Delta R.T. 0.000 min

Lab File: VV029413.D

Acq: 07 Dec 2022 12:45

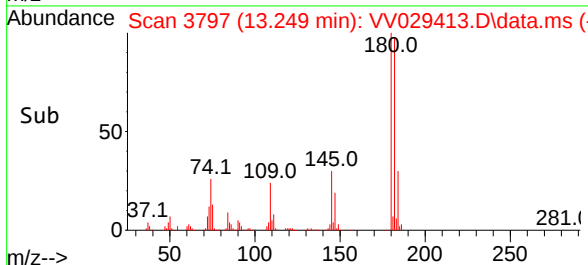
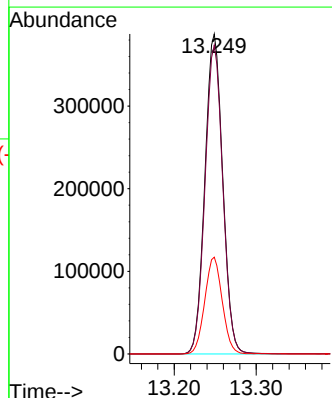
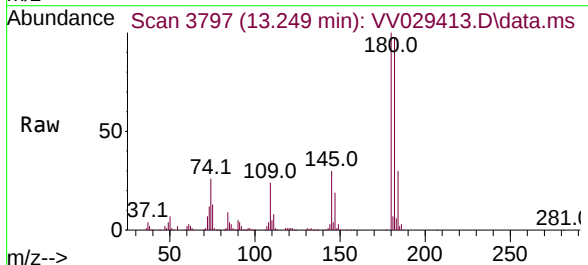
Tgt Ion:180 Resp: 584532

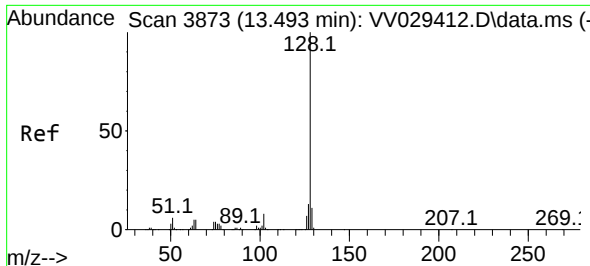
Ion Ratio Lower Upper

180 100

182 96.2 76.3 114.5

145 29.7 23.7 35.5

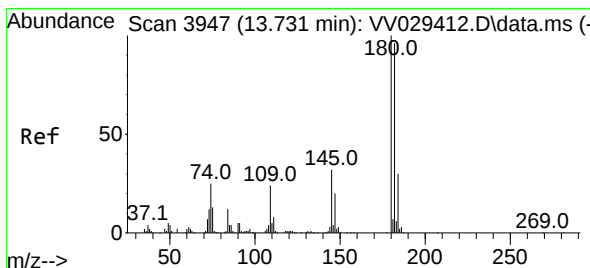
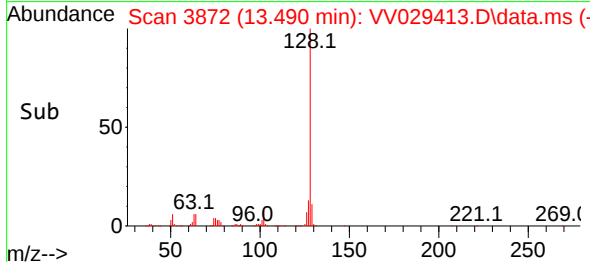
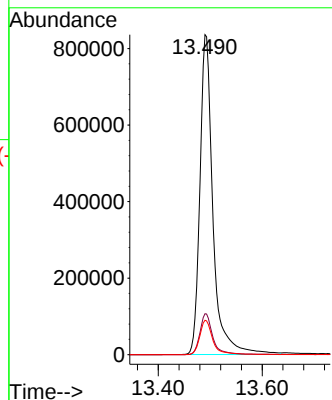
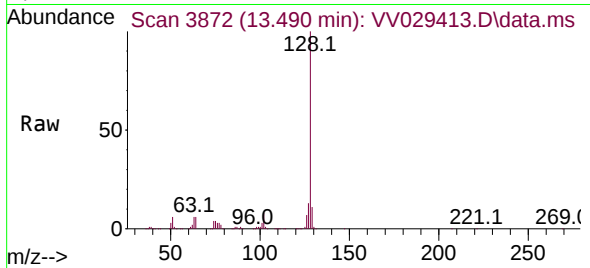




#71
Naphthalene
Concen: 112.636 ug/L
RT: 13.490 min Scan# 3873
Delta R.T. -0.003 min
Lab File: VV029413.D
Acq: 07 Dec 2022 12:45

Instrument :
MSVOA_V
ClientSampleId :
VSTD100279

Tgt Ion:128 Resp: 1456949
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.7 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 120.887 ug/L
RT: 13.731 min Scan# 3947
Delta R.T. 0.000 min
Lab File: VV029413.D
Acq: 07 Dec 2022 12:45

Tgt Ion:180 Resp: 567926
Ion Ratio Lower Upper
180 100
182 95.1 76.4 114.6
145 31.6 25.0 37.6

