

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080422\
 Data File : VV027206.D
 Acq On : 04 Aug 2022 11:44
 Operator : SY/MD
 Sample : VSTD010253
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010253

Quant Time: Aug 05 02:02:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 05 02:01:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	333591	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	331902	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	155652	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	23486	10.326	ug/L	0.00
7) Chloroethane-d5	1.561	69	18058	10.861	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	42133	10.128	ug/L	0.00
21) 2-Butanone-d5	3.892	46	34445	16.974	ug/L	0.02
24) Chloroform-d	4.349	84	48363	10.381	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	30393	10.508	ug/L	0.00
32) Benzene-d6	5.050	84	79922	10.041	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	28163	9.947	ug/L	0.00
41) Toluene-d8	7.317	98	64379	9.489	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.625	79	11956	9.688	ug/L	0.00
47) 2-Hexanone-d5	8.092	63	21539	15.795	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	46313	10.038	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	27184	10.113	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	32105	10.819	ug/L	98
3) Chloromethane	1.236	50	37094	10.942	ug/L	97
5) Vinyl chloride	1.307	62	34952	10.349	ug/L	99
6) Bromomethane	1.516	94	17063	10.717	ug/L	98
8) Chloroethane	1.581	64	20428	10.857	ug/L	99
9) Trichlorofluoromethane	1.748	101	45159	10.421	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	25758	10.720	ug/L	97
12) 1,1-Dichloroethene	2.114	96	24549	10.621	ug/L	85
13) Acetone	2.169	43	33917	21.727	ug/L	87
14) Carbon disulfide	2.288	76	80353	10.214	ug/L	98
16) Methylene chloride	2.503	84	32333	10.472	ug/L	87
17) trans-1,2-Dichloroethene	2.757	96	25773	10.076	ug/L	87
18) Methyl tert-butyl Ether	2.767	73	71493	9.399	ug/L #	93
19) 1,1-Dichloroethane	3.185	63	52871	10.296	ug/L	97
20) cis-1,2-Dichloroethene	3.912	96	24768	9.321	ug/L	81
22) 2-Butanone	3.973	43	38835	18.146	ug/L	94
23) Bromochloromethane	4.246	128	15049	10.142	ug/L	89
25) Chloroform	4.375	83	54536	10.509	ug/L	98
27) 1,2-Dichloroethane	5.130	62	40835	10.104	ug/L	96
29) Cyclohexane	4.674	56	33019	8.638	ug/L	95
30) 1,1,1-Trichloroethane	4.603	97	45358	10.311	ug/L	96
31) Carbon tetrachloride	4.825	117	39180	10.258	ug/L	100
33) Benzene	5.098	78	108130	10.138	ug/L	100
34) Trichloroethene	5.915	95	28163	10.312	ug/L	92
35) Methylcyclohexane	6.127	83	36039	8.974	ug/L #	85
37) 1,2-Dichloropropane	6.172	63	31378	10.501	ug/L	98
38) Bromodichloromethane	6.510	83	40164	10.259	ug/L	95
39) cis-1,3-Dichloropropene	7.030	75	33524	8.470	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	77114	18.090	ug/L #	89
42) Toluene	7.387	91	102985	9.497	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	35829	9.212	ug/L	96
45) 1,1,2-Trichloroethane	7.838	97	30057	10.437	ug/L	97

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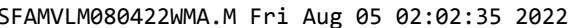
Quant Time: Aug 05 02:02:26 2022
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 Quant Title : VOC Analysis
 QLast Update : Fri Aug 05 02:01:28 2022
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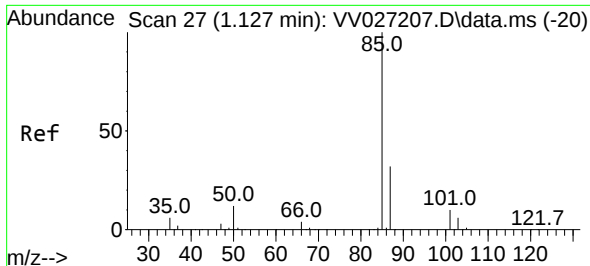
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

46) Tetrachloroethene	7.973	164	19624	9.818	ug/L	97
48) 2-Hexanone	8.143	43	64250	18.925	ug/L #	83
49) Dibromochloromethane	8.246	129	29378	9.650	ug/L	100
50) 1,2-Dibromoethane	8.352	107	29586	9.984	ug/L	97
51) Chlorobenzene	8.882	112	73092	10.049	ug/L	97
52) Ethylbenzene	9.011	91	100192	8.954	ug/L	97
53) m,p-Xylene	9.140	106	36563	8.646	ug/L	100
54) o-Xylene	9.542	106	35295	8.567	ug/L	95
55) Styrene	9.561	104	60435	8.327	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.239	83	49579	10.276	ug/L	96
59) Bromoform	9.731	173	18634	10.076	ug/L	99
60) Isopropylbenzene	9.931	105	90292	9.205	ug/L	97
61) 1,2,3-Trichloropropane	10.275	75	38668	10.821	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	69504	8.580	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	67341	8.486	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	47723	10.038	ug/L	95
65) 1,4-Dichlorobenzene	11.271	146	51665	10.326	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	50082	10.054	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	10425	10.399	ug/L	84
69) 1,3,5-Trichlorobenzene	12.644	180	30744	9.628	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	23373	8.813	ug/L	98
71) Naphthalene	13.503	128	68487	7.542	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	25782	8.771	ug/L	98

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

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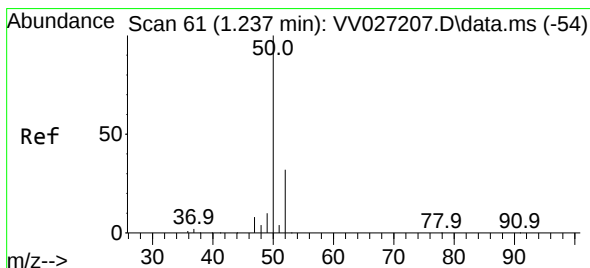
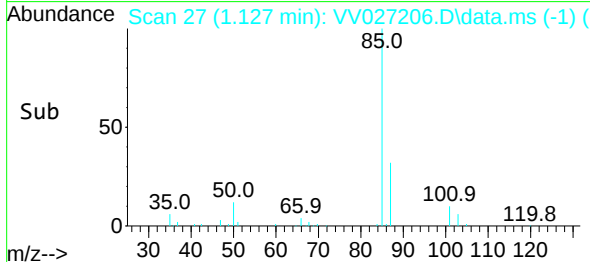
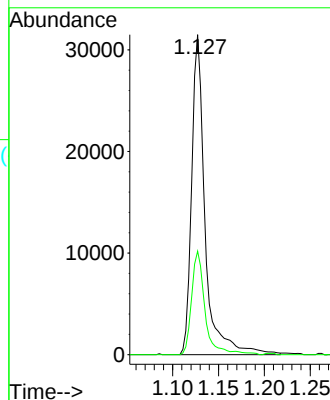
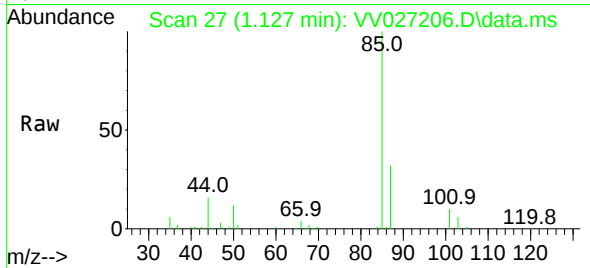




#2
 Dichlorodifluoromethane
 Concen: 10.819 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV027206.D
 Acq: 04 Aug 2022 11:44

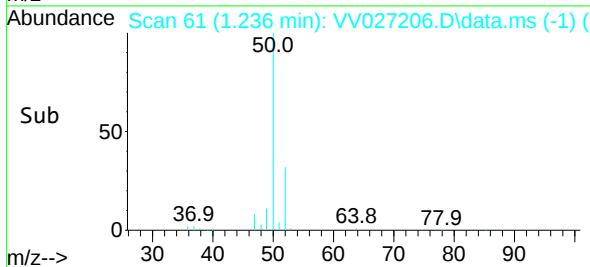
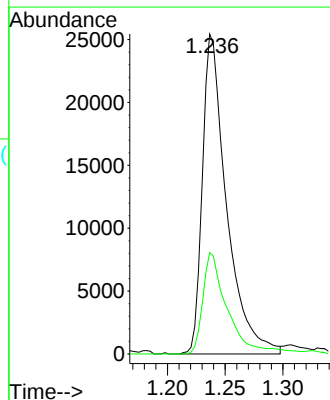
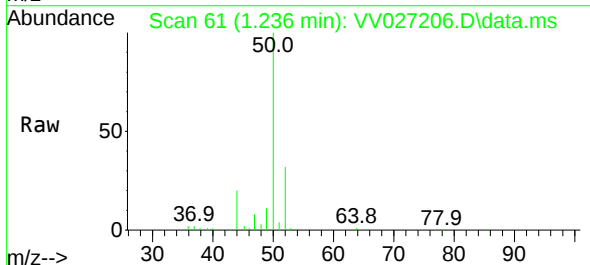
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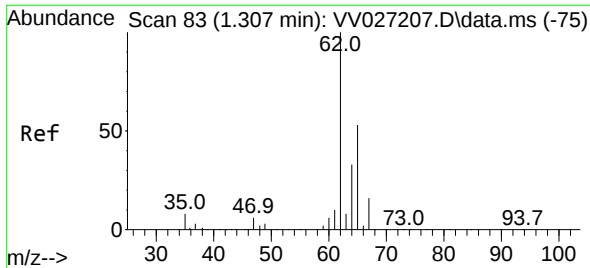
Tgt Ion: 85 Resp: 32105
 Ion Ratio Lower Upper
 85 100
 87 31.2 26.1 39.1



#3
 Chloromethane
 Concen: 10.942 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VV027206.D
 Acq: 04 Aug 2022 11:44

Tgt Ion: 50 Resp: 37094
 Ion Ratio Lower Upper
 50 100
 52 31.7 23.5 43.7

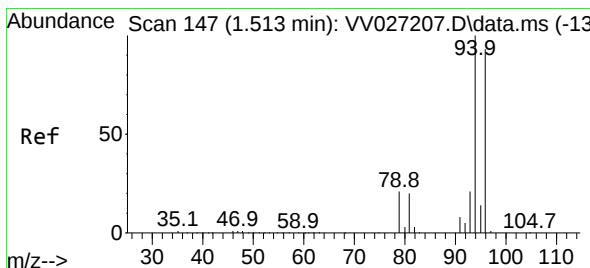
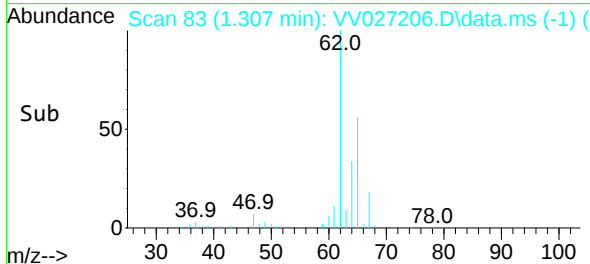
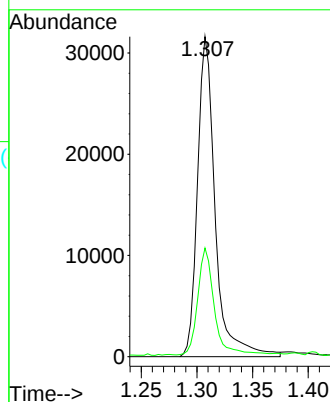
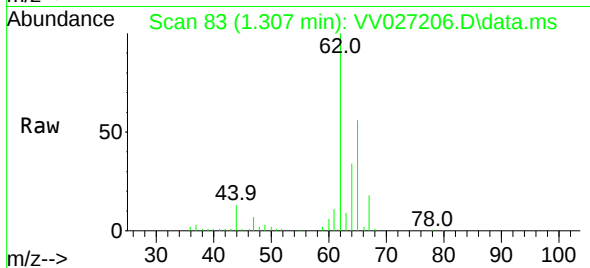




#5
 Vinyl chloride
 Concen: 10.349 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VV027206.D
 Acq: 04 Aug 2022 11:44

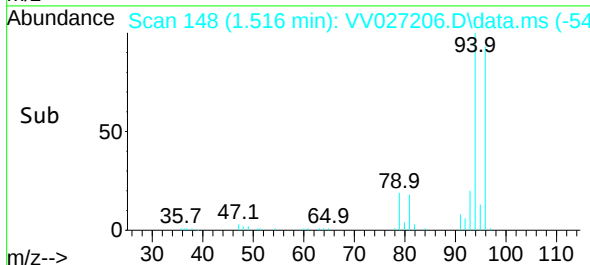
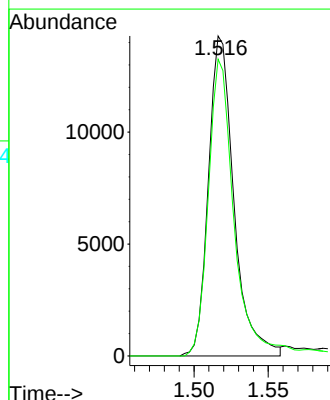
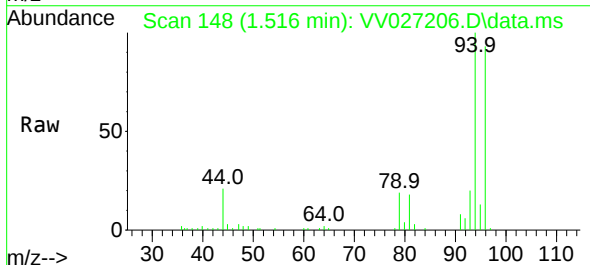
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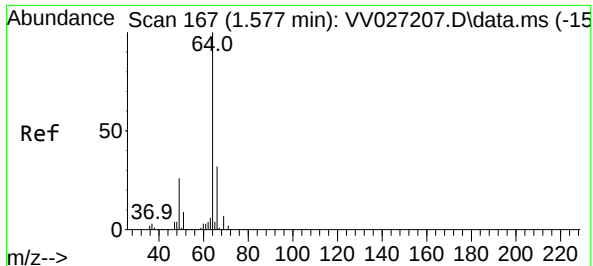
Tgt Ion: 62 Resp: 34952
 Ion Ratio Lower Upper
 62 100
 64 33.9 23.2 43.2



#6
 Bromomethane
 Concen: 10.717 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.003 min
 Lab File: VV027206.D
 Acq: 04 Aug 2022 11:44

Tgt Ion: 94 Resp: 17063
 Ion Ratio Lower Upper
 94 100
 96 92.8 66.1 122.8

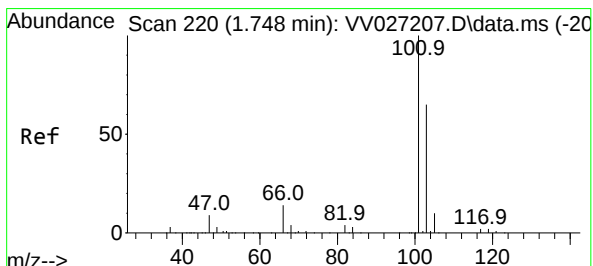
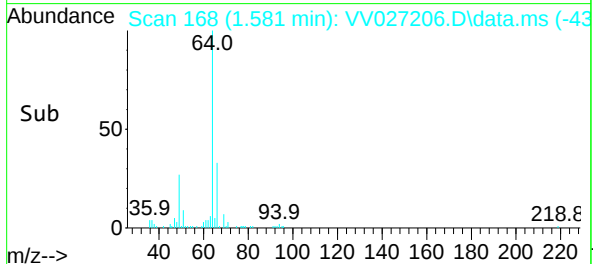
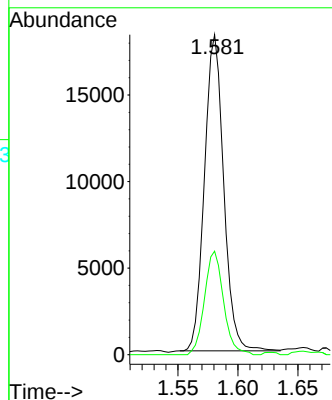
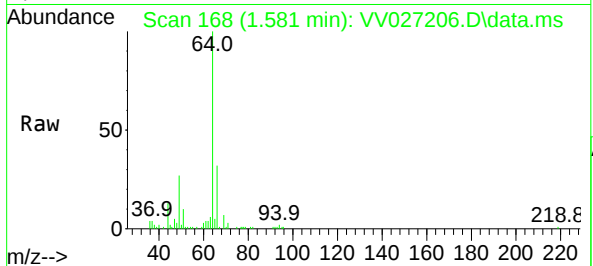




#8
Chloroethane
Concen: 10.857 ug/L
RT: 1.581 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV027206.D
Acq: 04 Aug 2022 11:44

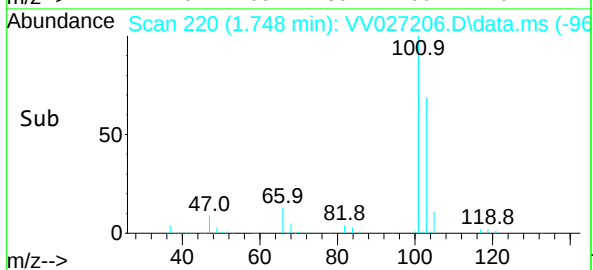
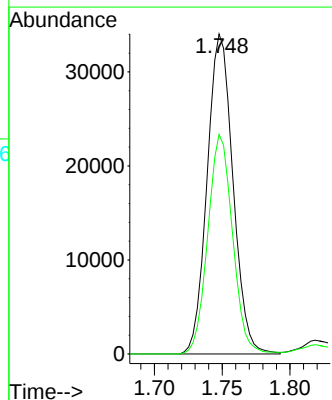
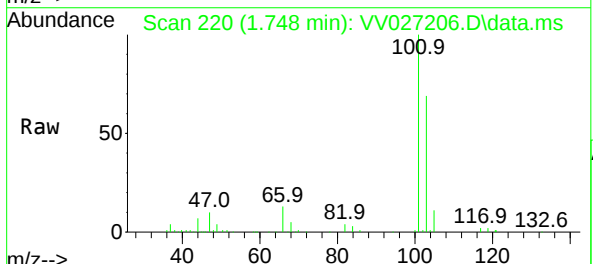
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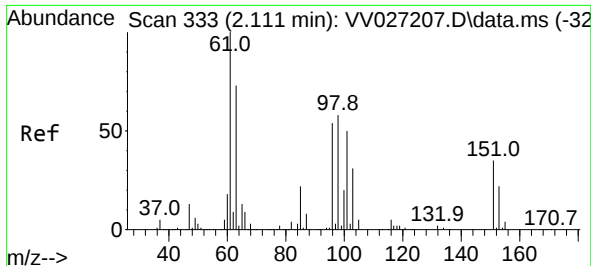
Tgt Ion: 64 Resp: 20428
Ion Ratio Lower Upper
64 100
66 32.4 22.4 41.6



#9
Trichlorofluoromethane
Concen: 10.421 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.000 min
Lab File: VV027206.D
Acq: 04 Aug 2022 11:44

Tgt Ion: 101 Resp: 45159
Ion Ratio Lower Upper
101 100
103 65.8 52.4 78.6

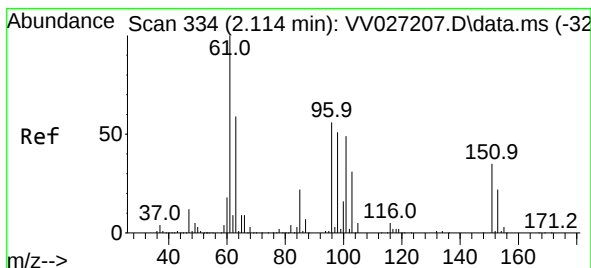
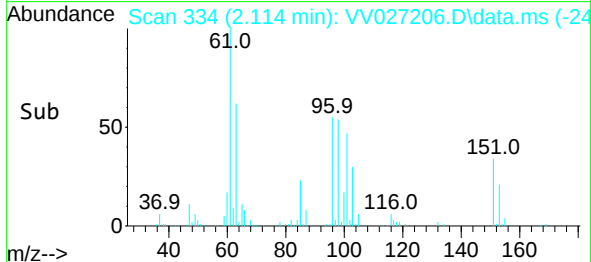
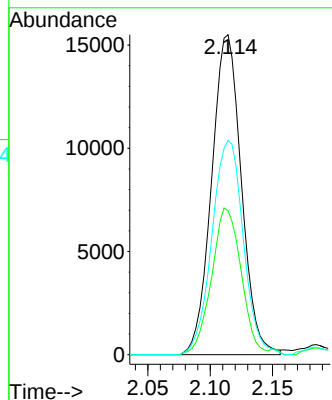
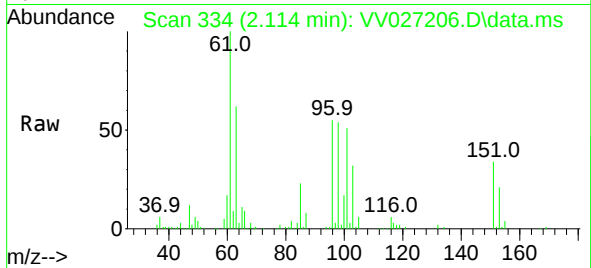




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.720 ug/L
 RT: 2.114 min Scan# 333
 Delta R.T. 0.003 min
 Lab File: VV027206.D
 Acq: 04 Aug 2022 11:44

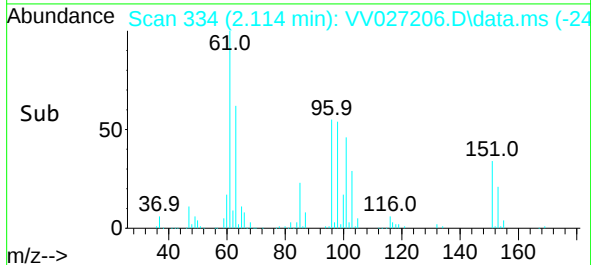
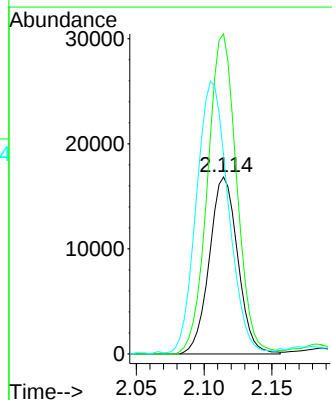
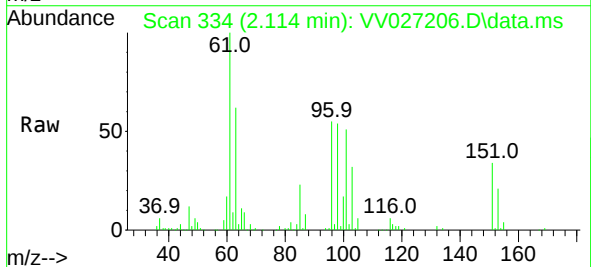
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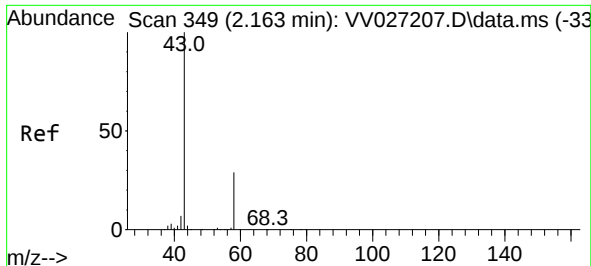
Tgt Ion:101 Resp: 25758
 Ion Ratio Lower Upper
 101 100
 85 45.4 34.1 51.1
 151 70.7 57.8 86.8



#12
 1,1-Dichloroethene
 Concen: 10.621 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.000 min
 Lab File: VV027206.D
 Acq: 04 Aug 2022 11:44

Tgt Ion: 96 Resp: 24549
 Ion Ratio Lower Upper
 96 100
 61 180.9 114.3 212.3
 63 112.6 93.4 173.4





#13

Acetone

Concen: 21.727 ug/L

RT: 2.169 min Scan# 3

Delta R.T. 0.006 min

Lab File: VV027206.D

Acq: 04 Aug 2022 11:44

Instrument :

MSVOA_V

ClientSampleId :

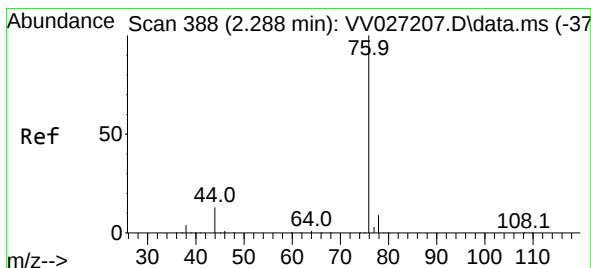
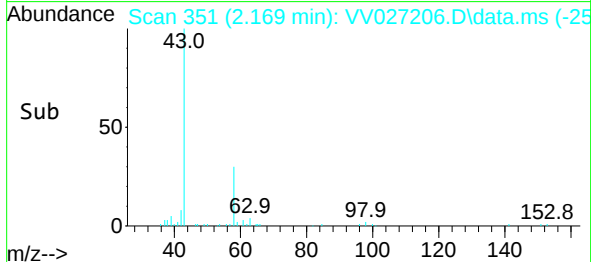
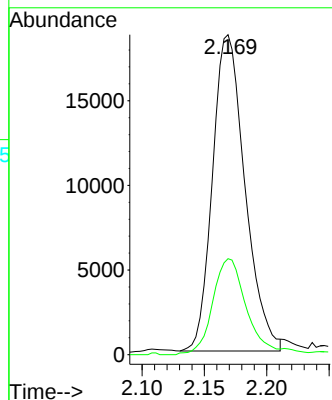
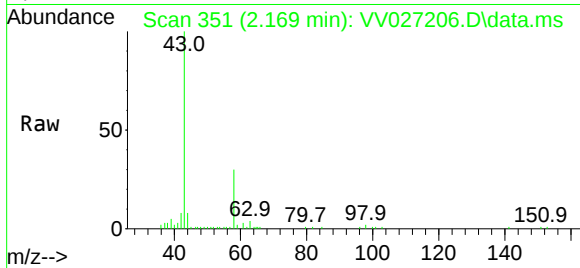
VSTD010253

Tgt Ion: 43 Resp: 33917

Ion Ratio Lower Upper

43 100

58 31.1 0.0 49.6



#14

Carbon disulfide

Concen: 10.214 ug/L

RT: 2.288 min Scan# 388

Delta R.T. -0.000 min

Lab File: VV027206.D

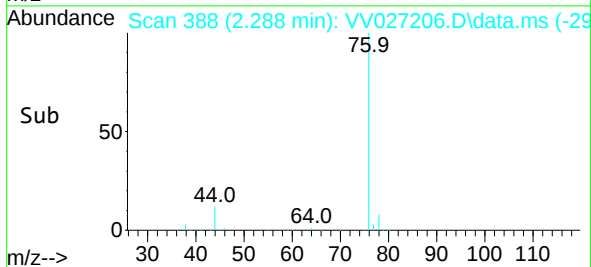
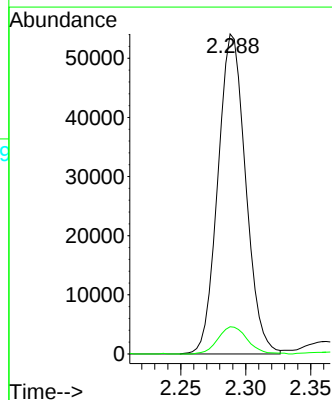
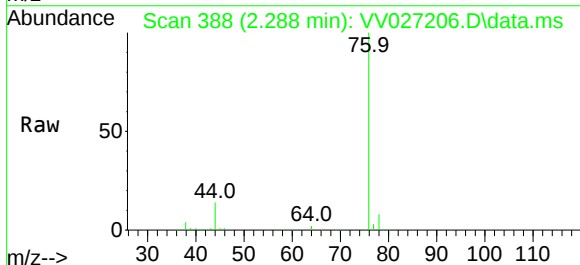
Acq: 04 Aug 2022 11:44

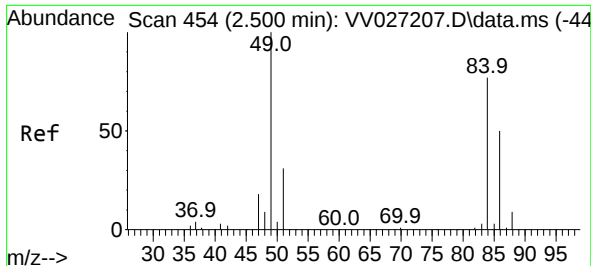
Tgt Ion: 76 Resp: 80353

Ion Ratio Lower Upper

76 100

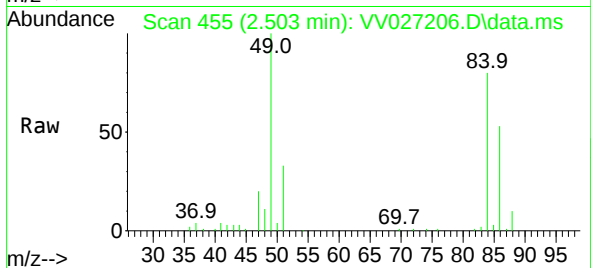
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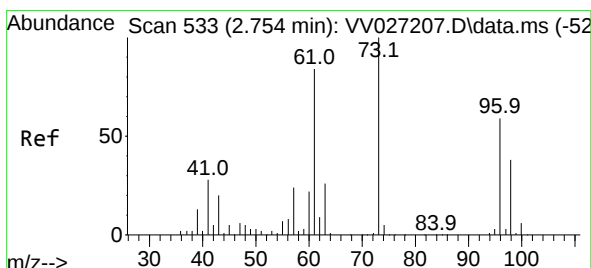
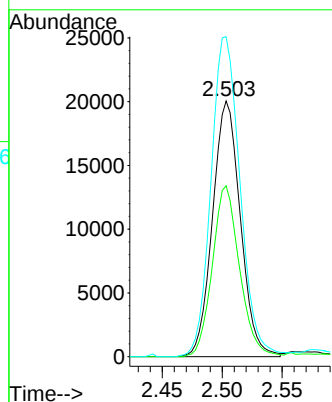
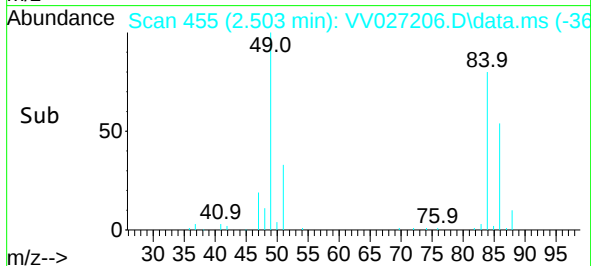


#16
Methylene chloride
Concen: 10.472 ug/L
RT: 2.503 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV027206.D
Acq: 04 Aug 2022 11:44

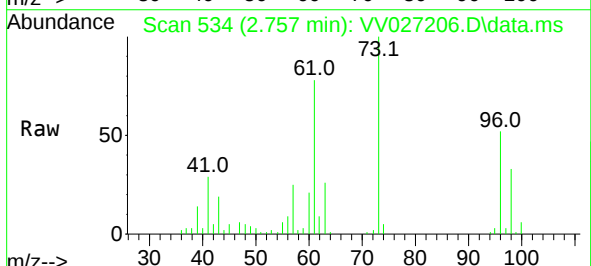
Instrument :
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VSTD010253



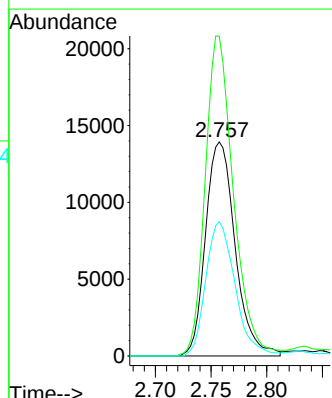
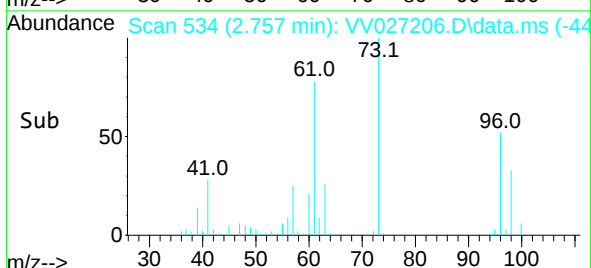
Tgt Ion: 84 Resp: 32333
Ion Ratio Lower Upper
84 100
86 66.8 45.0 83.6
49 125.1 74.1 137.7

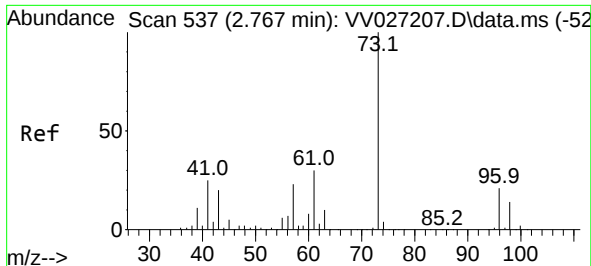


#17
trans-1,2-Dichloroethene
Concen: 10.076 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.003 min
Lab File: VV027206.D
Acq: 04 Aug 2022 11:44



Tgt Ion: 96 Resp: 25773
Ion Ratio Lower Upper
96 100
61 149.3 89.2 165.6
98 62.7 44.6 82.8

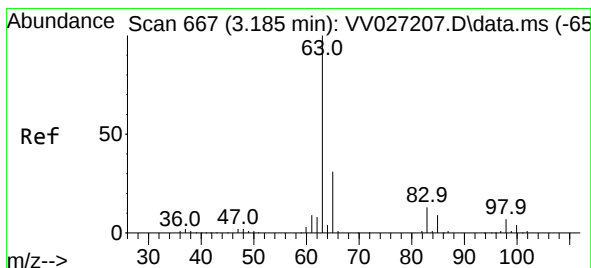
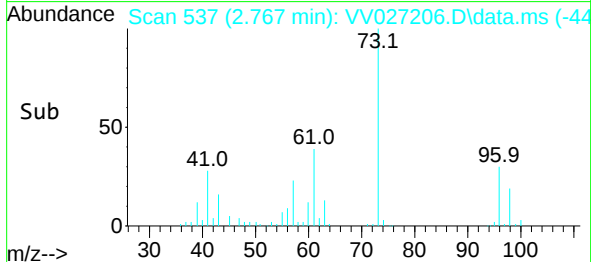
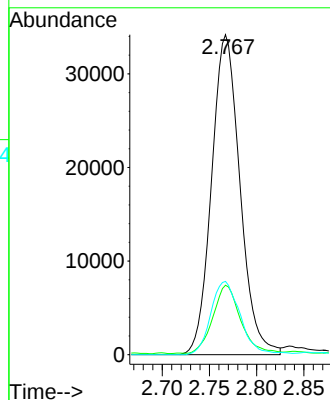
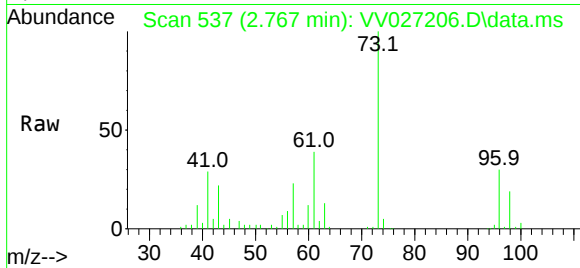




#18
Methyl tert-butyl Ether
Concen: 9.399 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV027206.D
Acq: 04 Aug 2022 11:44

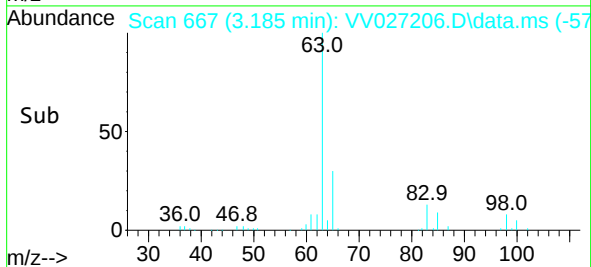
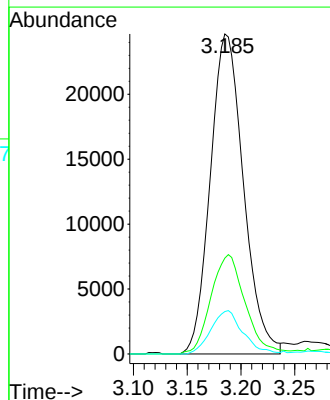
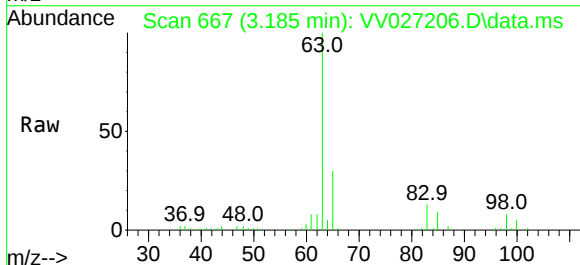
Instrument :
MSVOA_V
ClientSampleId :
VSTD010253

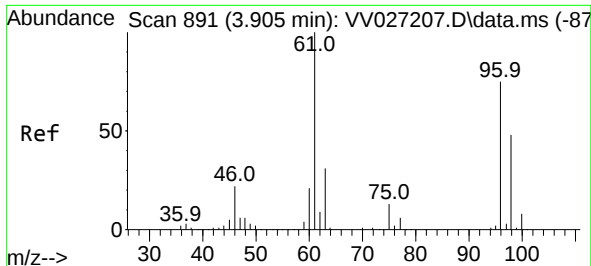
Tgt Ion: 73 Resp: 71493
Ion Ratio Lower Upper
73 100
43 20.8 12.6 18.8#
57 23.5 17.3 25.9



#19
1,1-Dichloroethane
Concen: 10.296 ug/L
RT: 3.185 min Scan# 667
Delta R.T. -0.000 min
Lab File: VV027206.D
Acq: 04 Aug 2022 11:44

Tgt Ion: 63 Resp: 52871
Ion Ratio Lower Upper
63 100
65 29.9 22.7 42.3
83 13.3 9.5 17.7

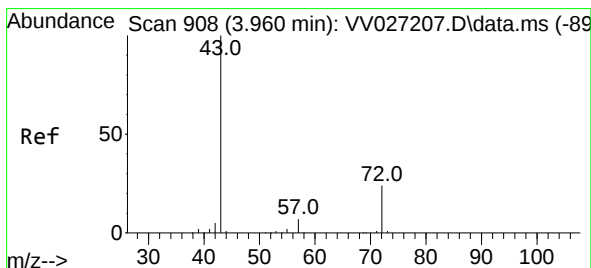
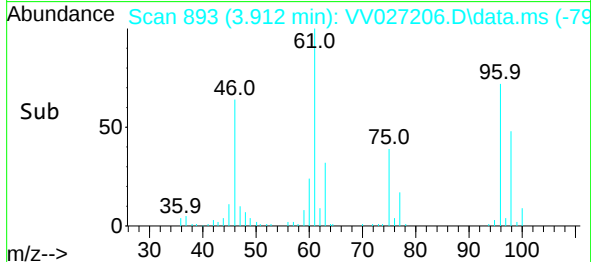
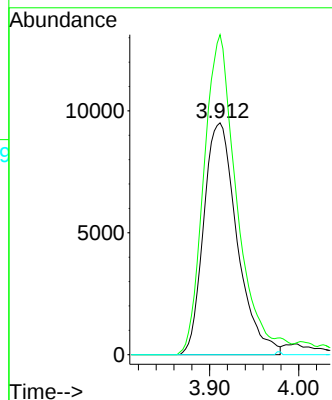
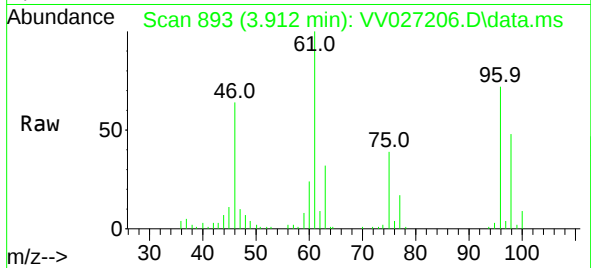




#20
 cis-1,2-Dichloroethene
 Concen: 9.321 ug/L
 RT: 3.912 min Scan# 891
 Delta R.T. 0.006 min
 Lab File: VV027206.D
 Acq: 04 Aug 2022 11:44

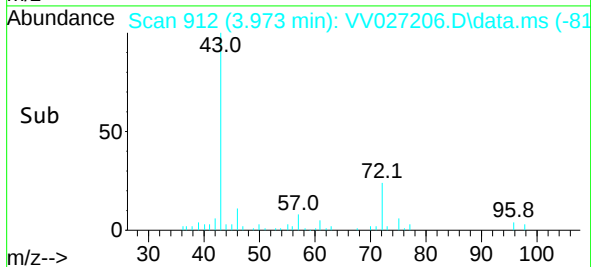
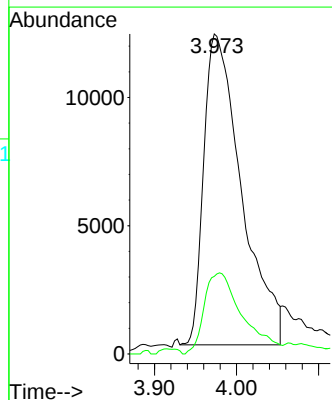
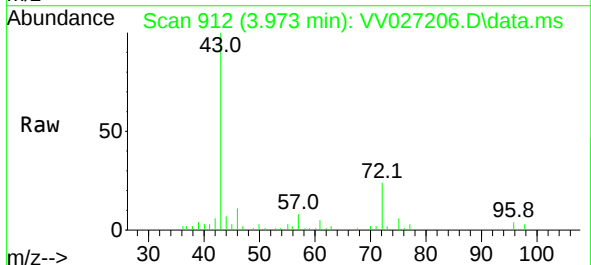
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010253

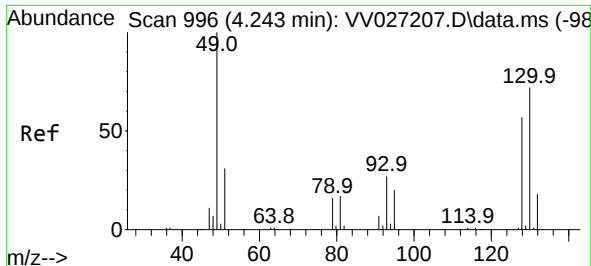
Tgt Ion: 96 Resp: 24768
 Ion Ratio Lower Upper
 96 100
 61 138.1 81.8 151.8
 68 0.0 0.0 0.0



#22
 2-Butanone
 Concen: 18.146 ug/L
 RT: 3.973 min Scan# 912
 Delta R.T. 0.013 min
 Lab File: VV027206.D
 Acq: 04 Aug 2022 11:44

Tgt Ion: 43 Resp: 38835
 Ion Ratio Lower Upper
 43 100
 72 26.7 11.9 35.7

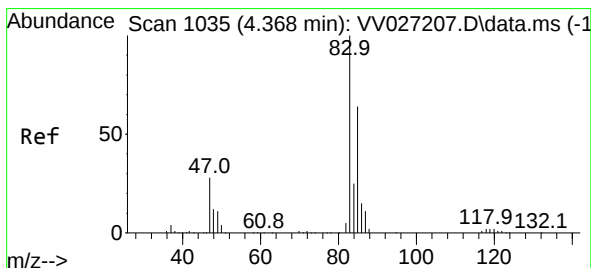
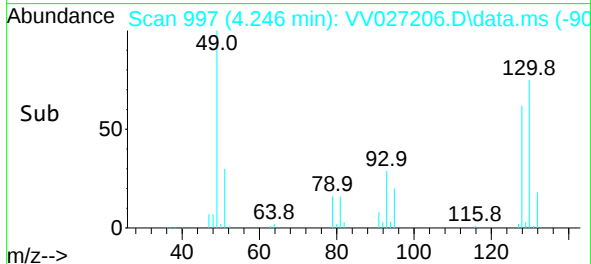
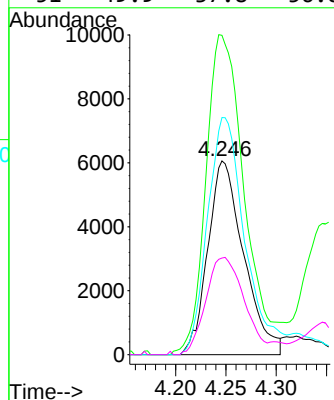
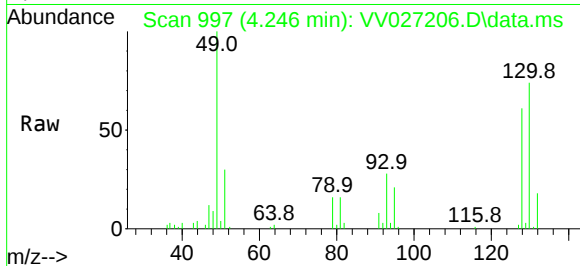




#23
Bromochloromethane
Concen: 10.142 ug/L
RT: 4.246 min Scan# 996
Delta R.T. 0.003 min
Lab File: VV027206.D
Acq: 04 Aug 2022 11:44

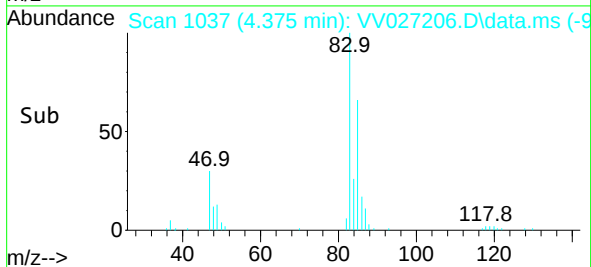
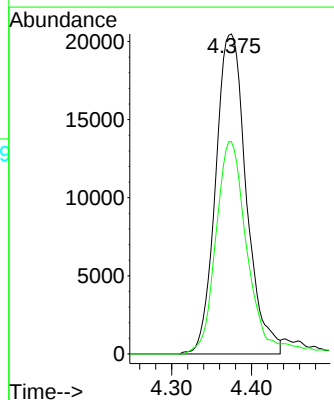
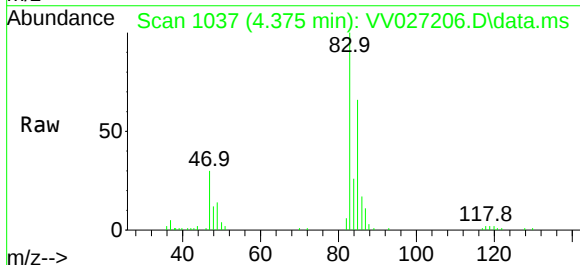
Instrument :
MSVOA_V
ClientSampleId :
VSTD010253

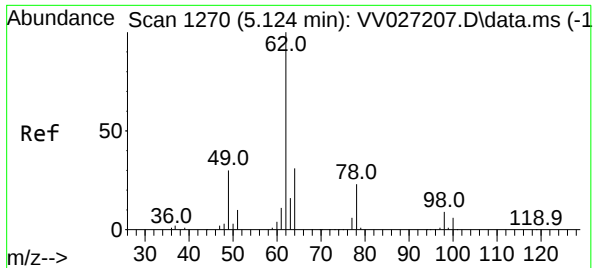
Tgt Ion:	128	Resp:	15049
Ion	Ratio	Lower	Upper
128	100		
49	164.9	98.7	183.3
130	122.4	89.5	166.1
51	49.9	37.8	56.8



#25
Chloroform
Concen: 10.509 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VV027206.D
Acq: 04 Aug 2022 11:44

Tgt Ion:	83	Resp:	54536
Ion	Ratio	Lower	Upper
83	100		
85	66.3	45.4	84.4

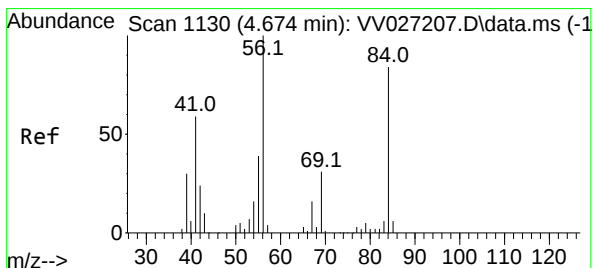
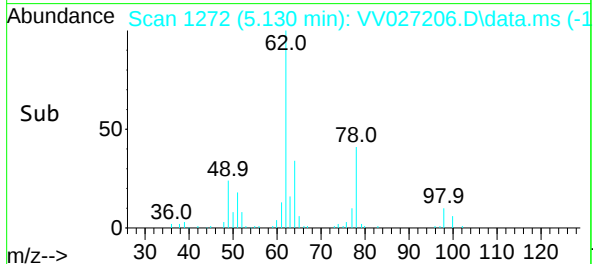
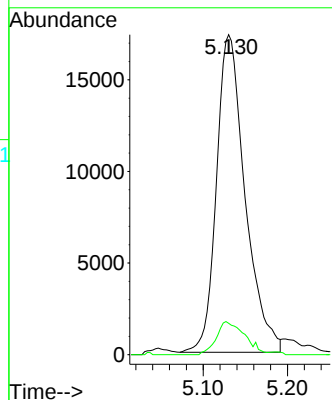
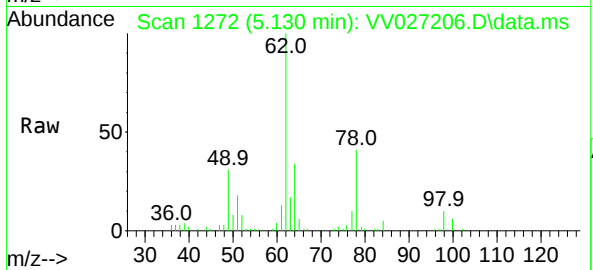




#27
1,2-Dichloroethane
Concen: 10.104 ug/L
RT: 5.130 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV027206.D
Acq: 04 Aug 2022 11:44

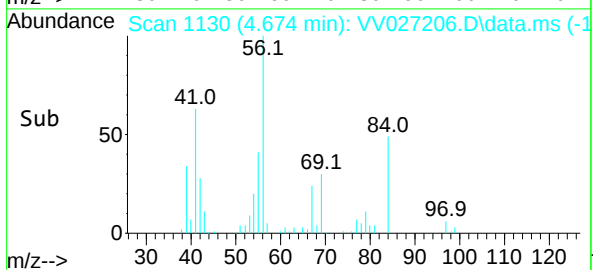
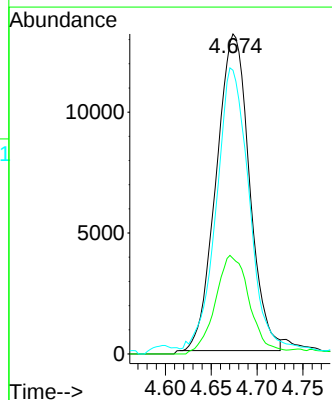
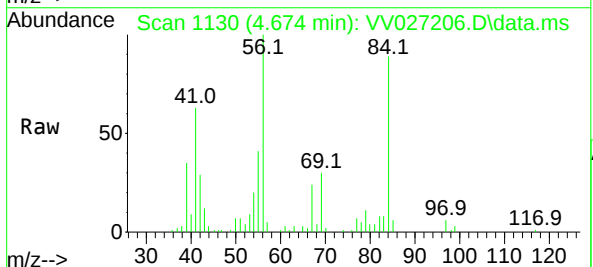
Instrument :
MSVOA_V
ClientSampleId :
VSTD010253

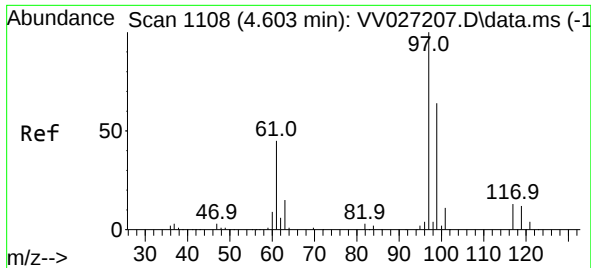
Tgt Ion: 62 Resp: 40835
Ion Ratio Lower Upper
62 100
98 9.8 9.0 13.6



#29
Cyclohexane
Concen: 8.638 ug/L
RT: 4.674 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VV027206.D
Acq: 04 Aug 2022 11:44

Tgt Ion: 56 Resp: 33019
Ion Ratio Lower Upper
56 100
69 32.0 25.9 38.9
84 87.5 75.3 112.9





#30

1,1,1-Trichloroethane

Concen: 10.311 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. -0.000 min

Lab File: VV027206.D

Acq: 04 Aug 2022 11:44

Instrument :

MSVOA_V

ClientSampleId :

VSTD010253

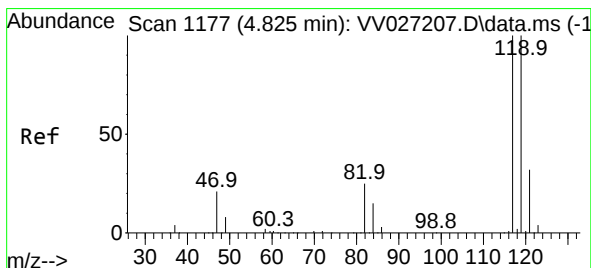
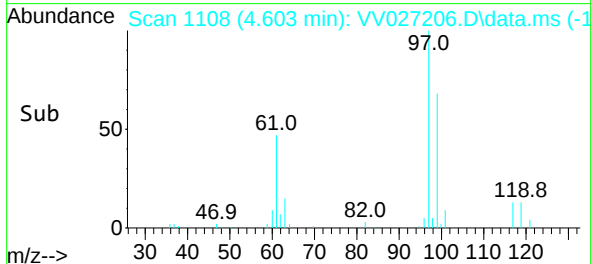
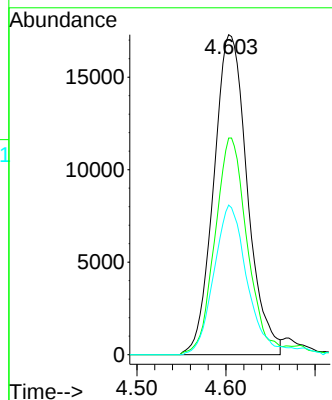
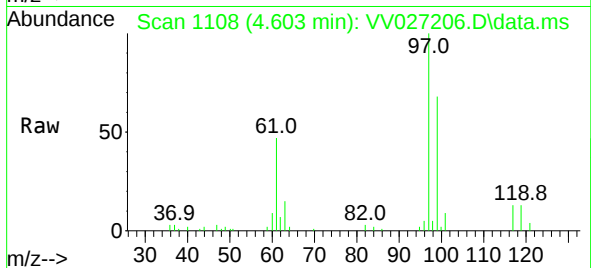
Tgt Ion: 97 Resp: 45358

Ion Ratio Lower Upper

97 100

99 64.9 51.4 77.2

61 46.1 32.1 48.1



#31

Carbon tetrachloride

Concen: 10.258 ug/L

RT: 4.825 min Scan# 1177

Delta R.T. -0.000 min

Lab File: VV027206.D

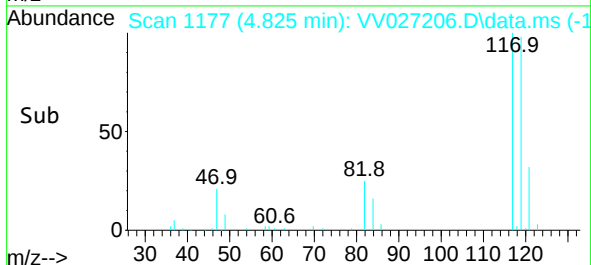
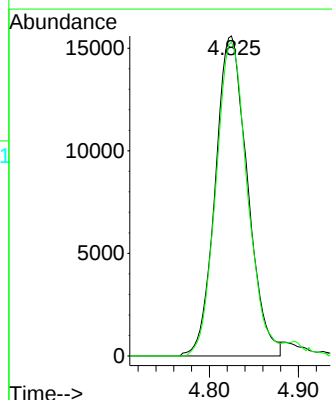
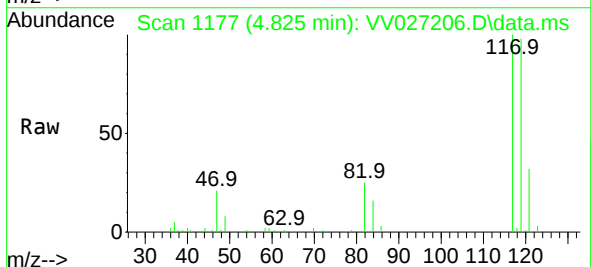
Acq: 04 Aug 2022 11:44

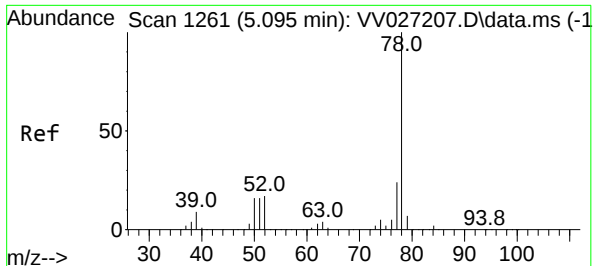
Tgt Ion: 117 Resp: 39180

Ion Ratio Lower Upper

117 100

119 96.3 77.0 115.6

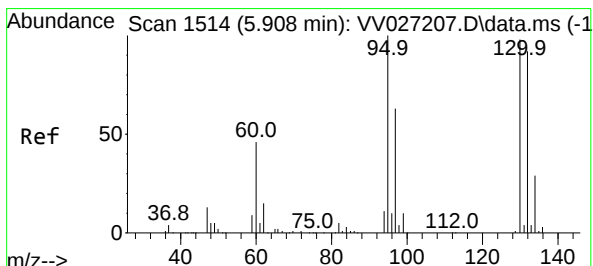
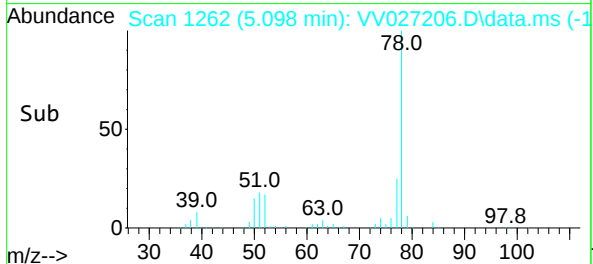
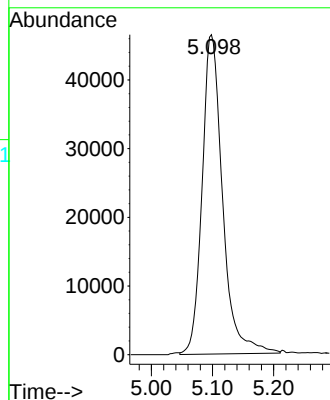
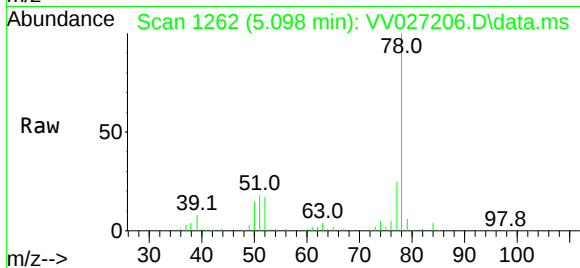




#33
Benzene
Concen: 10.138 ug/L
RT: 5.098 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV027206.D
Acq: 04 Aug 2022 11:44

Instrument :
MSVOA_V
ClientSampleId :
VSTD010253

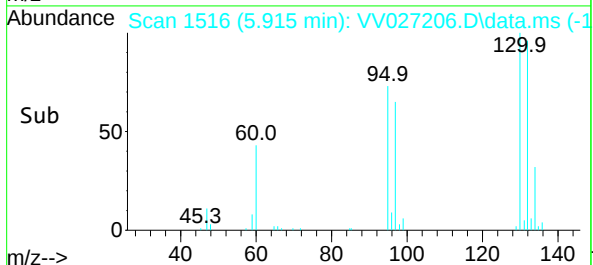
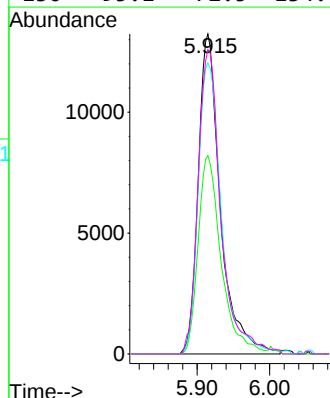
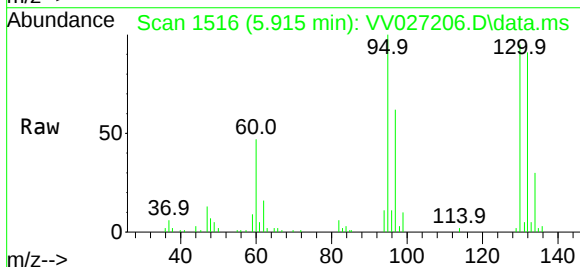
Tgt Ion: 78 Resp: 108130

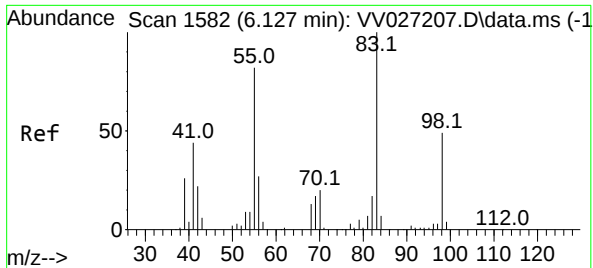


#34
Trichloroethene
Concen: 10.312 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VV027206.D
Acq: 04 Aug 2022 11:44

Tgt Ion: 95 Resp: 28163

Ion	Ratio	Lower	Upper
95	100		
97	62.0	45.9	85.3
132	91.0	69.8	129.6
130	95.1	72.5	134.7

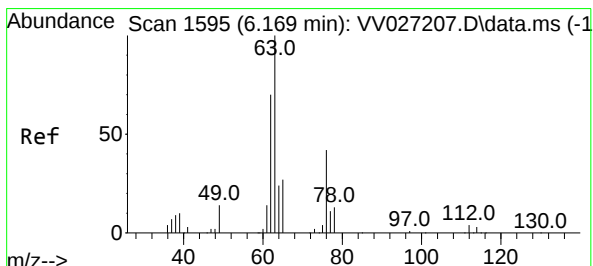
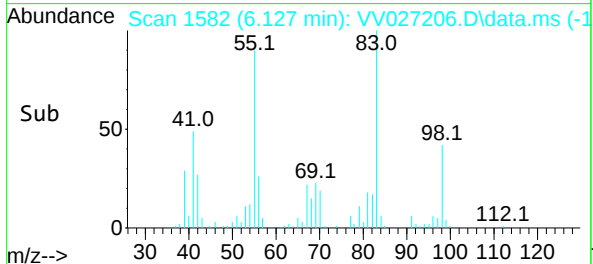
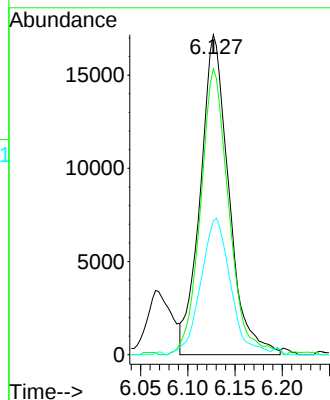
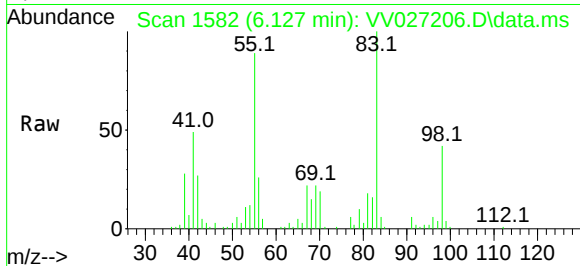




#35
Methylcyclohexane
Concen: 8.974 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VV027206.D
Acq: 04 Aug 2022 11:44

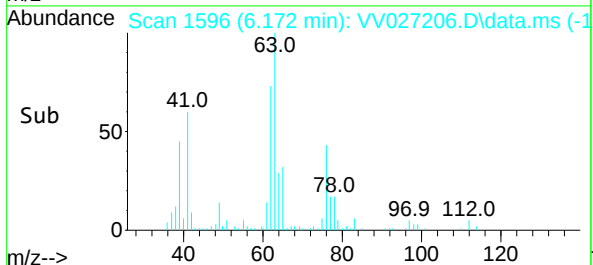
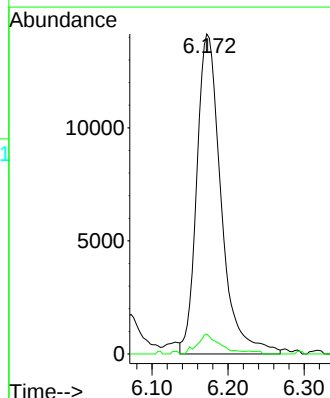
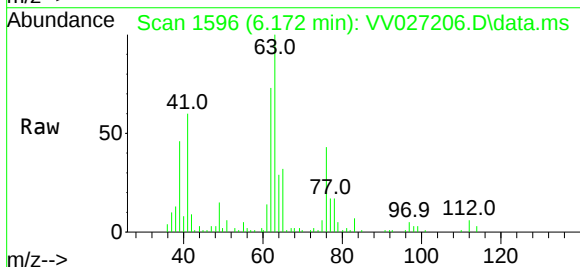
Instrument :
MSVOA_V
ClientSampleId :
VSTD010253

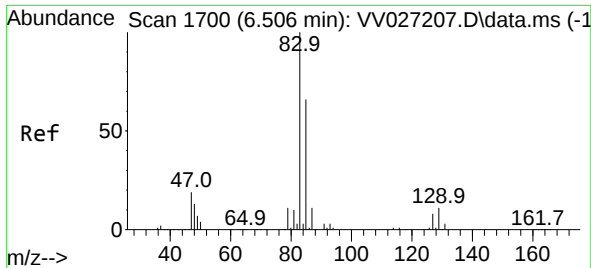
Tgt Ion: 83 Resp: 36039
Ion Ratio Lower Upper
83 100
55 87.3 55.5 83.3#
98 44.4 39.0 58.4



#37
1,2-Dichloropropane
Concen: 10.501 ug/L
RT: 6.172 min Scan# 1596
Delta R.T. 0.003 min
Lab File: VV027206.D
Acq: 04 Aug 2022 11:44

Tgt Ion: 63 Resp: 31378
Ion Ratio Lower Upper
63 100
112 3.8 3.7 5.5

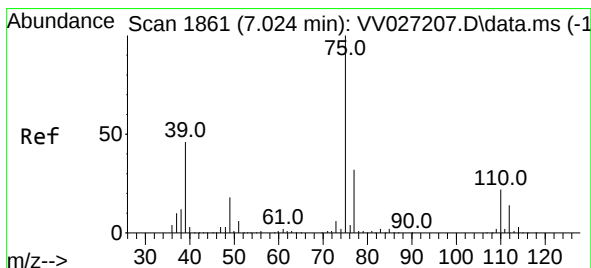
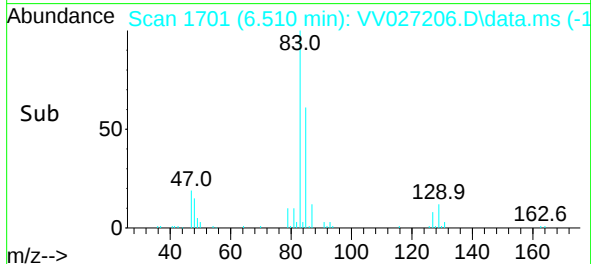
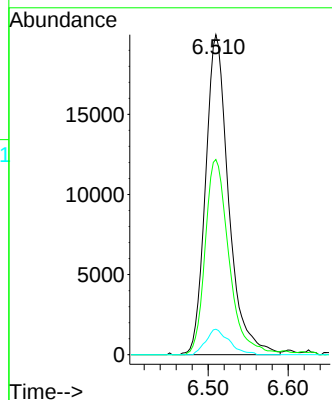
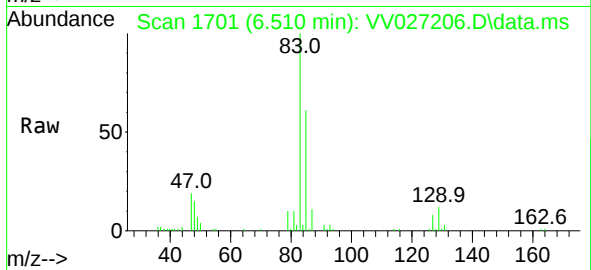




#38
Bromodichloromethane
Concen: 10.259 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. 0.003 min
Lab File: VV027206.D
Acq: 04 Aug 2022 11:44

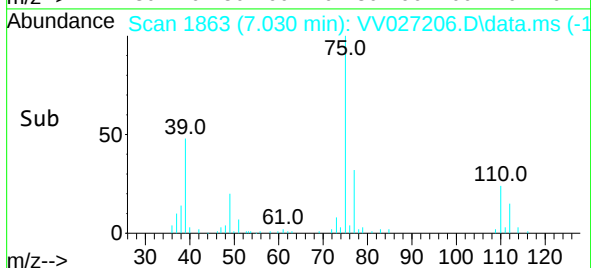
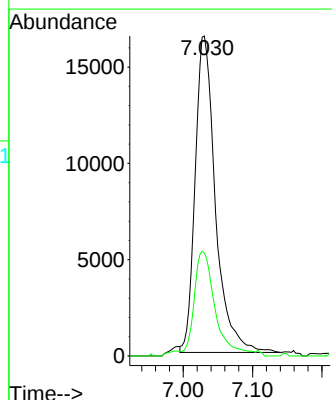
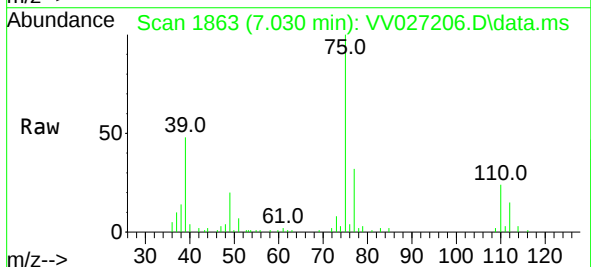
Instrument :
MSVOA_V
ClientSampleId :
VSTD010253

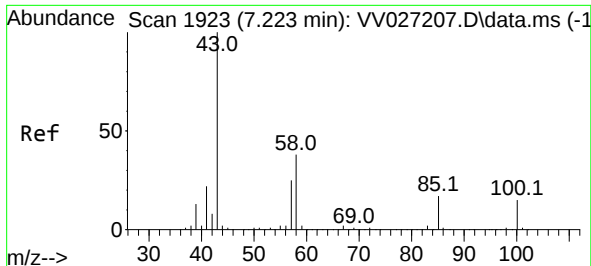
Tgt Ion: 83 Resp: 40164
Ion Ratio Lower Upper
83 100
85 61.0 45.5 84.5
127 8.0 7.0 10.6



#39
cis-1,3-Dichloropropene
Concen: 8.470 ug/L
RT: 7.030 min Scan# 1863
Delta R.T. 0.006 min
Lab File: VV027206.D
Acq: 04 Aug 2022 11:44

Tgt Ion: 75 Resp: 33524
Ion Ratio Lower Upper
75 100
77 32.2 22.5 41.7





#40

4-Methyl-2-pentanone

Concen: 18.090 ug/L

RT: 7.227 min Scan# 1923

Delta R.T. 0.003 min

Lab File: VV027206.D

Acq: 04 Aug 2022 11:44

Instrument :

MSVOA_V

ClientSampleId :

VSTD010253

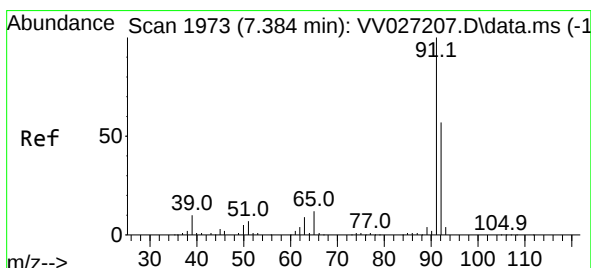
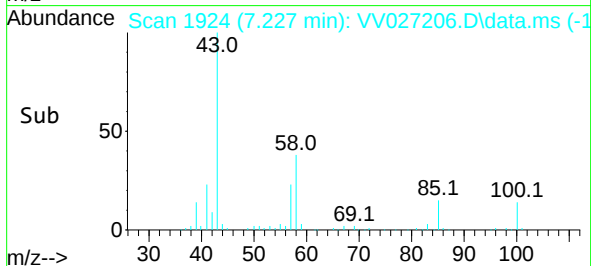
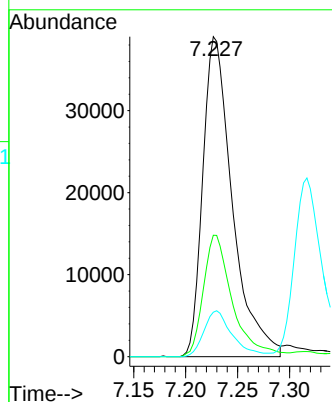
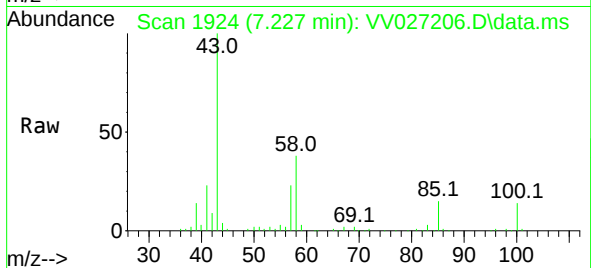
Tgt Ion: 43 Resp: 77114

Ion Ratio Lower Upper

43 100

58 37.4 35.3 52.9

100 13.9 15.7 23.5#



#42

Toluene

Concen: 9.497 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. 0.003 min

Lab File: VV027206.D

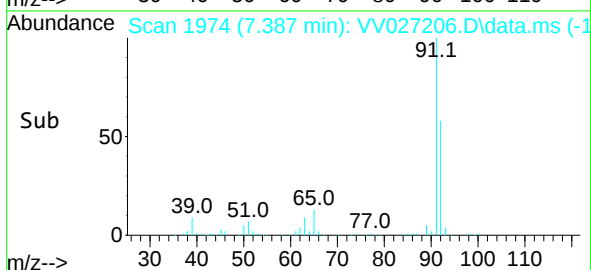
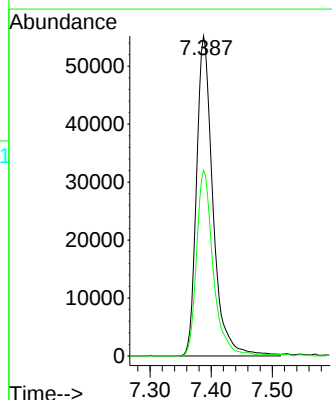
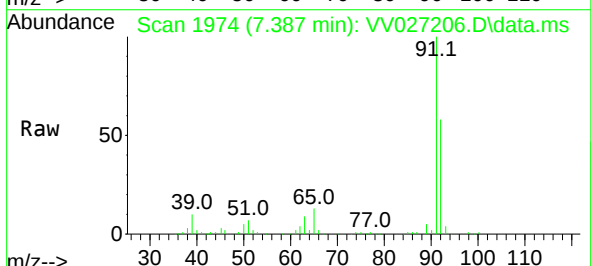
Acq: 04 Aug 2022 11:44

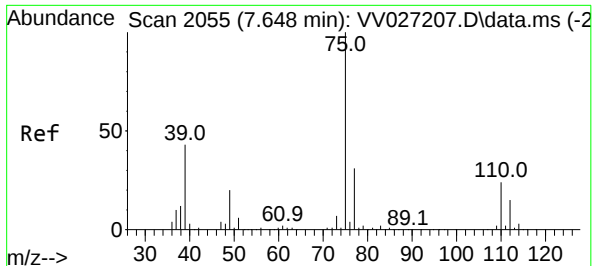
Tgt Ion: 91 Resp: 102985

Ion Ratio Lower Upper

91 100

92 58.0 40.9 76.0

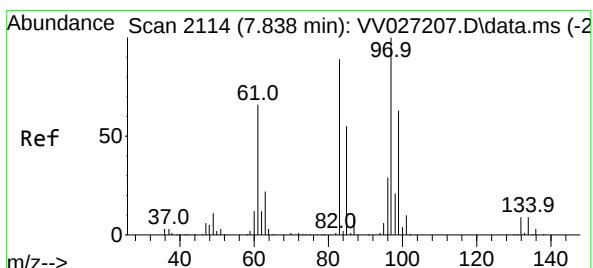
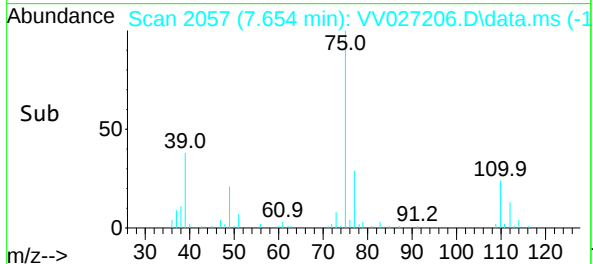
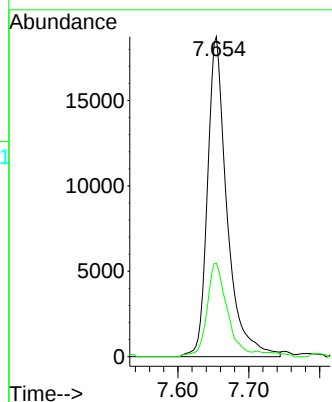
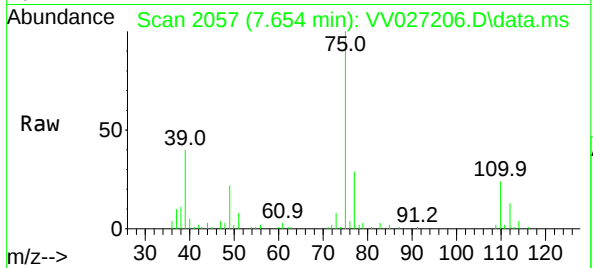




#44
trans-1,3-Dichloropropene
Concen: 9.212 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VV027206.D
Acq: 04 Aug 2022 11:44

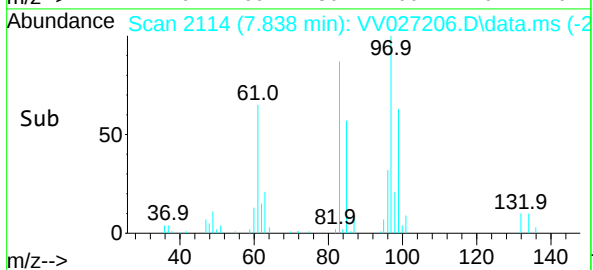
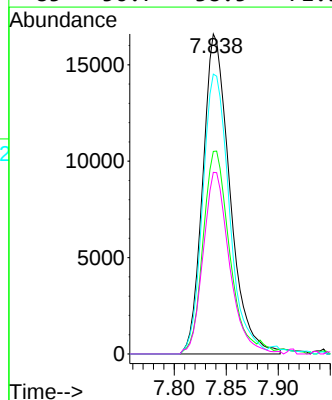
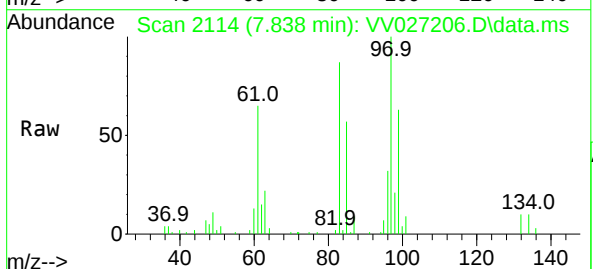
Instrument :
MSVOA_V
ClientSampleId :
VSTD010253

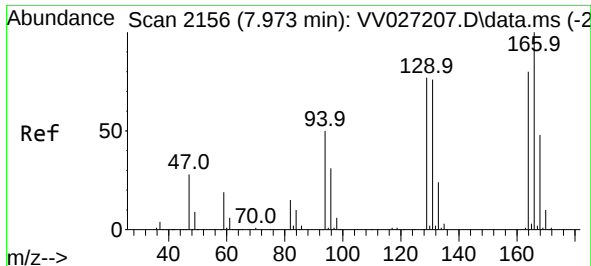
Tgt Ion: 75 Resp: 35829
Ion Ratio Lower Upper
75 100
77 29.2 22.0 41.0



#45
1,1,2-Trichloroethane
Concen: 10.437 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. -0.000 min
Lab File: VV027206.D
Acq: 04 Aug 2022 11:44

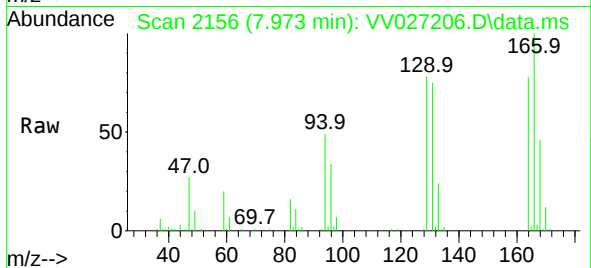
Tgt Ion: 97 Resp: 30057
Ion Ratio Lower Upper
97 100
99 63.3 43.2 80.2
83 87.4 58.0 107.6
85 56.7 38.5 71.5





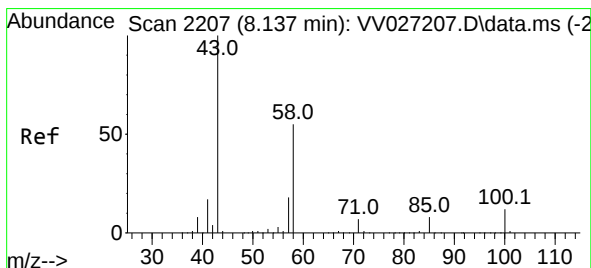
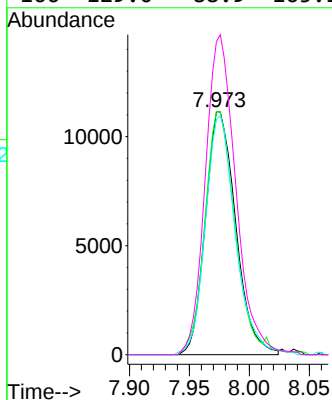
#46
Tetrachloroethene
Concen: 9.818 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. -0.000 min
Lab File: VV027206.D
Acq: 04 Aug 2022 11:44

Instrument :
MSVOA_V
ClientSampleId :
VSTD010253

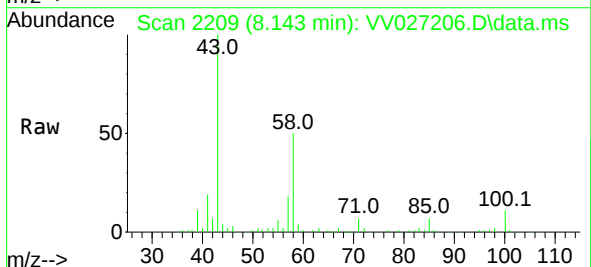


Tgt Ion:164 Resp: 19624

Ion	Ratio	Lower	Upper
164	100		
129	100.2	67.5	125.4
131	96.9	64.3	119.3
166	129.0	88.9	165.1

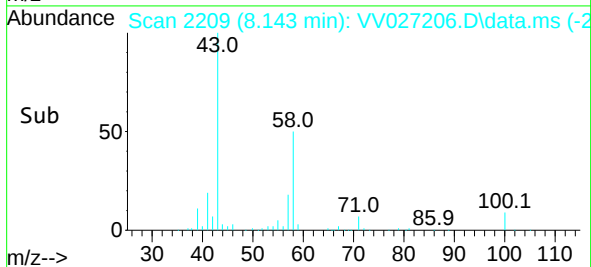
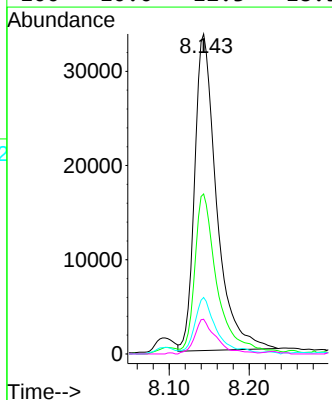


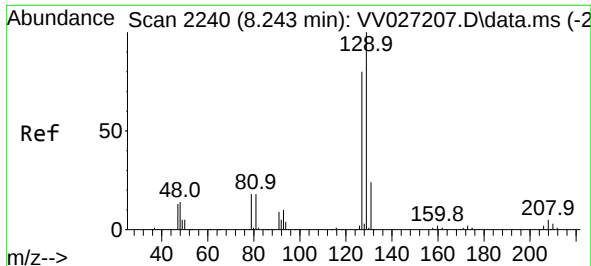
#48
2-Hexanone
Concen: 18.925 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.006 min
Lab File: VV027206.D
Acq: 04 Aug 2022 11:44



Tgt Ion: 43 Resp: 64250

Ion	Ratio	Lower	Upper
43	100		
58	48.6	50.8	76.2#
57	15.0	17.1	25.7#
100	10.0	12.3	18.5#





#49

Dibromochloromethane

Concen: 9.650 ug/L

RT: 8.246 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV027206.D

Acq: 04 Aug 2022 11:44

Instrument :

MSVOA_V

ClientSampleId :

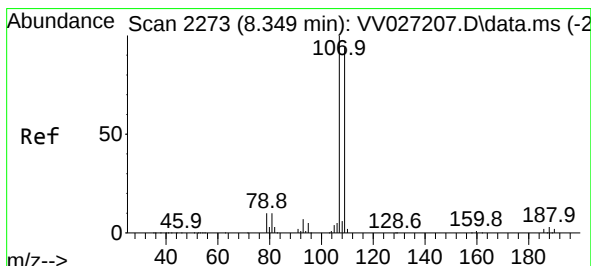
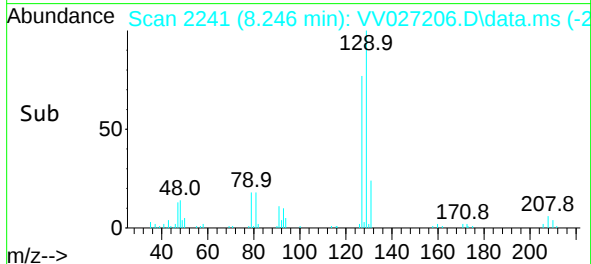
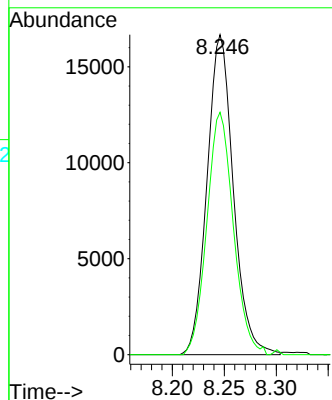
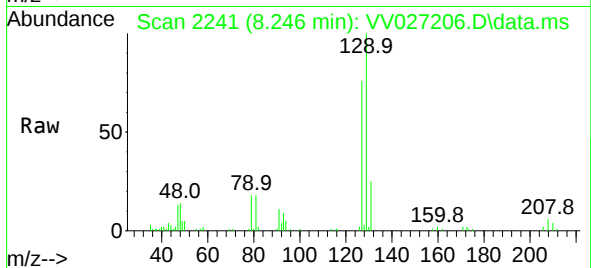
VSTD010253

Tgt Ion:129 Resp: 29378

Ion Ratio Lower Upper

129 100

127 75.7 53.3 98.9



#50

1,2-Dibromoethane

Concen: 9.984 ug/L

RT: 8.352 min Scan# 2274

Delta R.T. 0.003 min

Lab File: VV027206.D

Acq: 04 Aug 2022 11:44

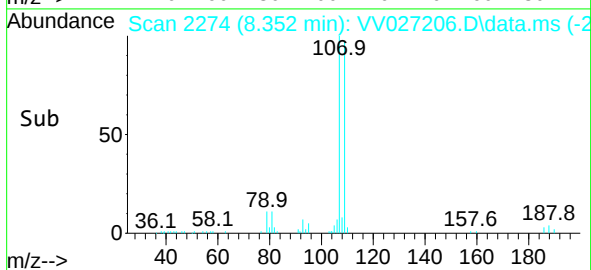
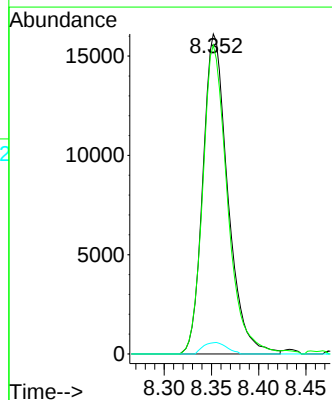
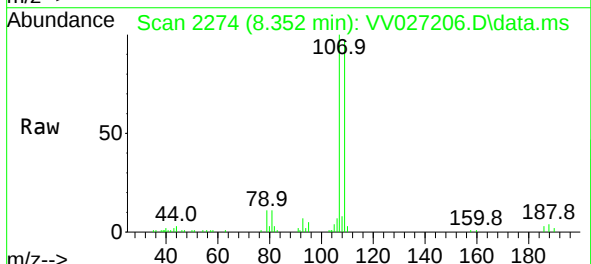
Tgt Ion:107 Resp: 29586

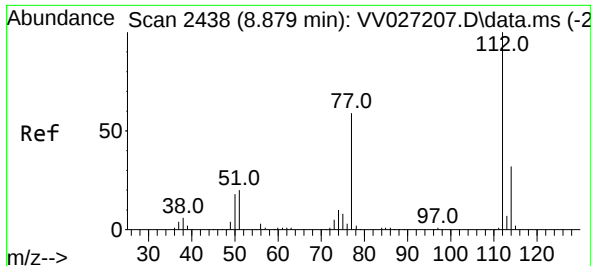
Ion Ratio Lower Upper

107 100

109 96.5 65.7 121.9

188 3.5 2.7 4.1

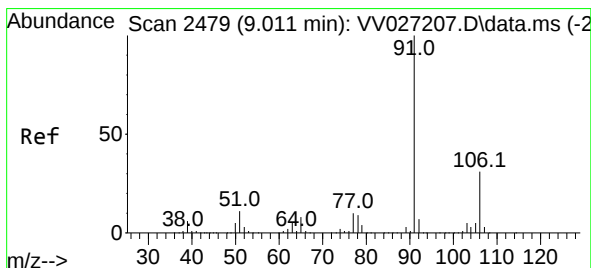
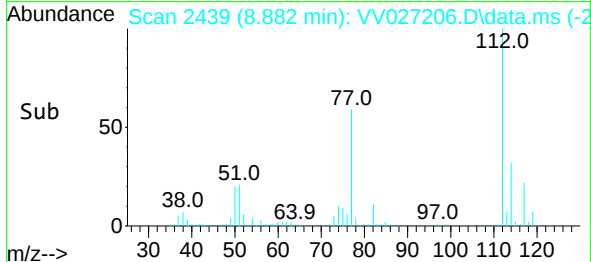
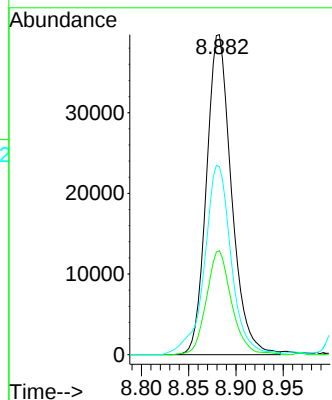
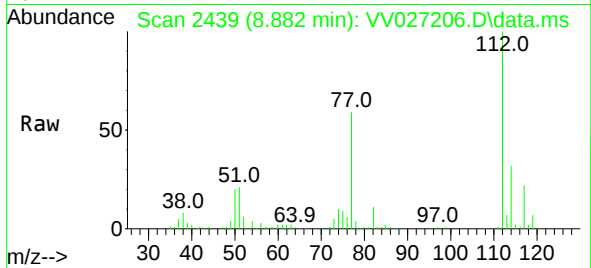




#51
Chlorobenzene
Concen: 10.049 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. 0.003 min
Lab File: VV027206.D
Acq: 04 Aug 2022 11:44

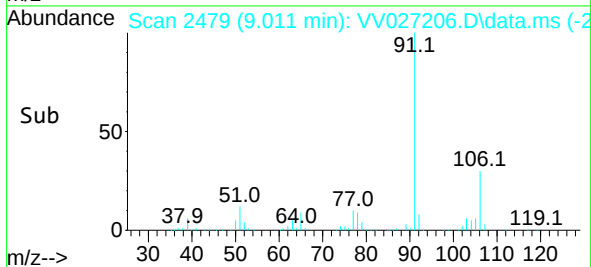
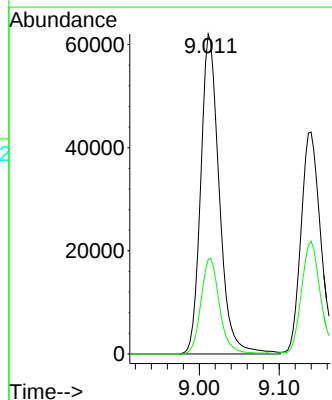
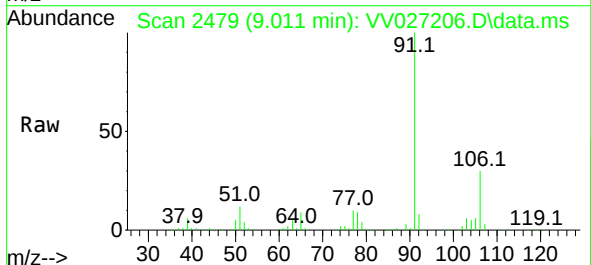
Instrument :
MSVOA_V
ClientSampleId :
VSTD010253

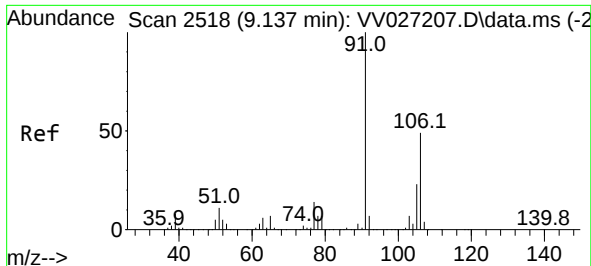
Tgt Ion:112 Resp: 73092
Ion Ratio Lower Upper
112 100
114 32.5 22.8 42.4
77 58.7 44.2 66.2



#52
Ethylbenzene
Concen: 8.954 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.000 min
Lab File: VV027206.D
Acq: 04 Aug 2022 11:44

Tgt Ion: 91 Resp: 100192
Ion Ratio Lower Upper
91 100
106 29.5 21.8 40.6

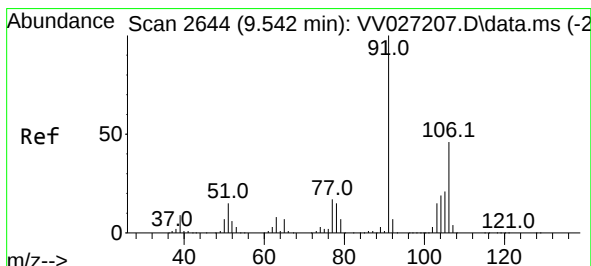
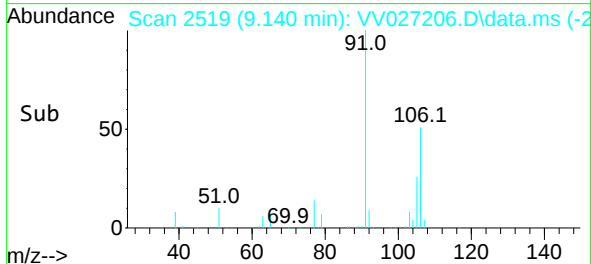
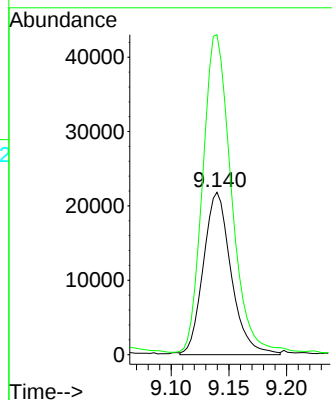
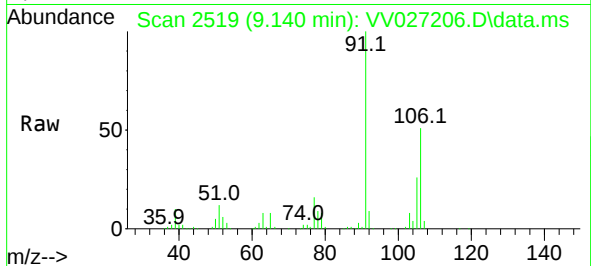




#53
m,p-Xylene
Concen: 8.646 ug/L
RT: 9.140 min Scan# 2518
Delta R.T. 0.003 min
Lab File: VV027206.D
Acq: 04 Aug 2022 11:44

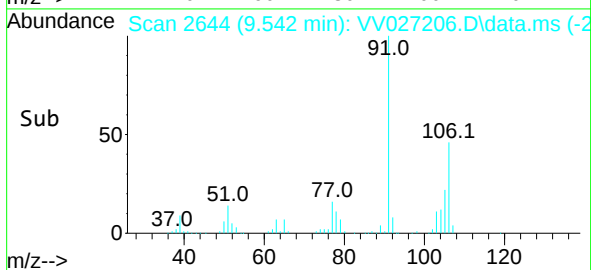
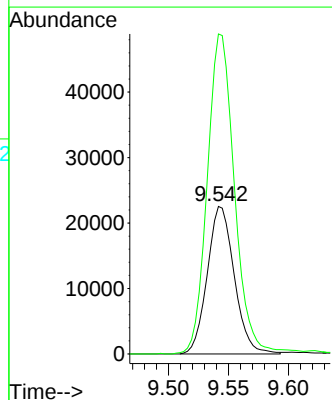
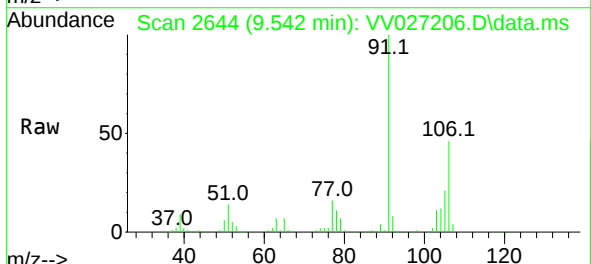
Instrument :
MSVOA_V
ClientSampleId :
VSTD010253

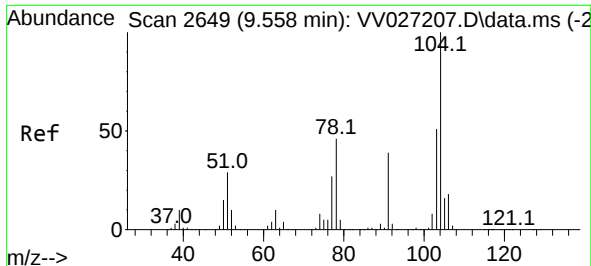
Tgt Ion:106 Resp: 36563
Ion Ratio Lower Upper
106 100
91 197.0 137.5 255.3



#54
o-Xylene
Concen: 8.567 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV027206.D
Acq: 04 Aug 2022 11:44

Tgt Ion:106 Resp: 35295
Ion Ratio Lower Upper
106 100
91 216.9 146.6 272.2

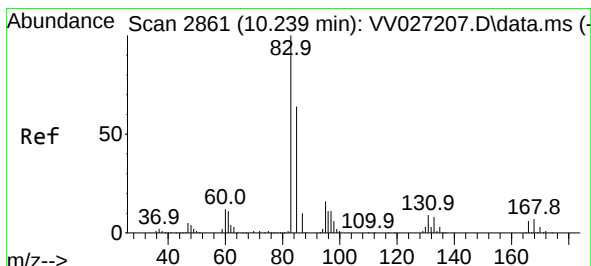
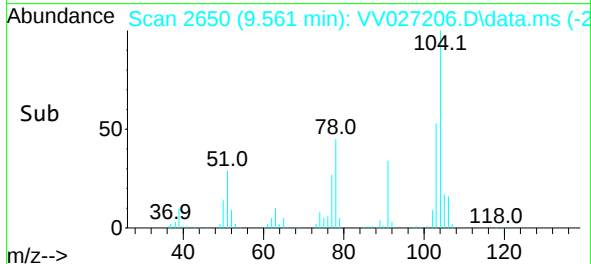
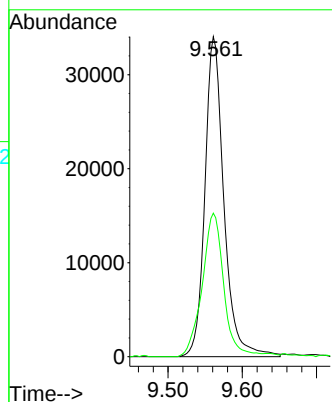
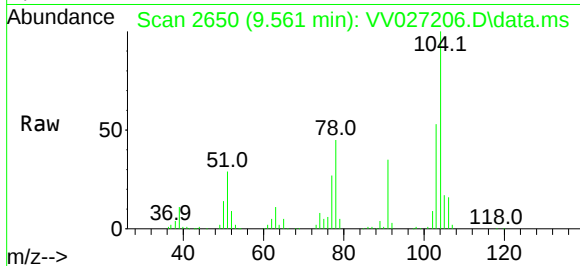




#55
Styrene
Concen: 8.327 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV027206.D
Acq: 04 Aug 2022 11:44

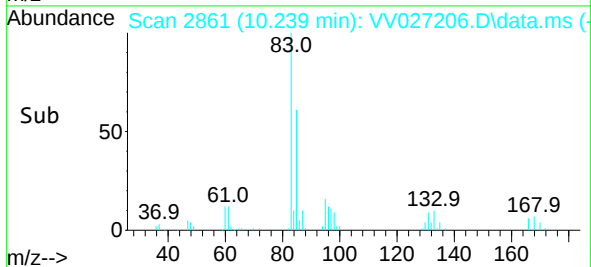
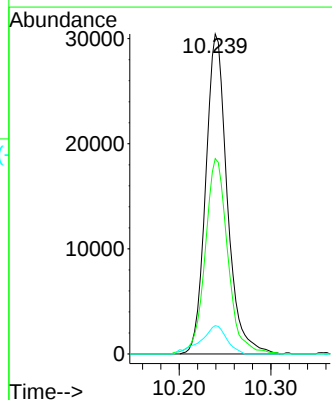
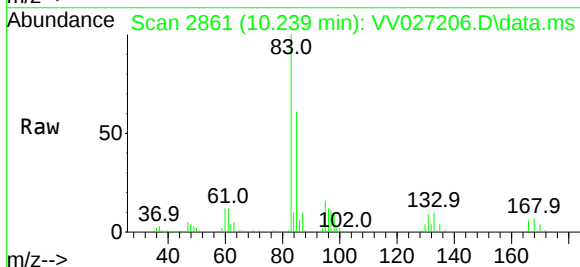
Instrument :
MSVOA_V
ClientSampleId :
VSTD010253

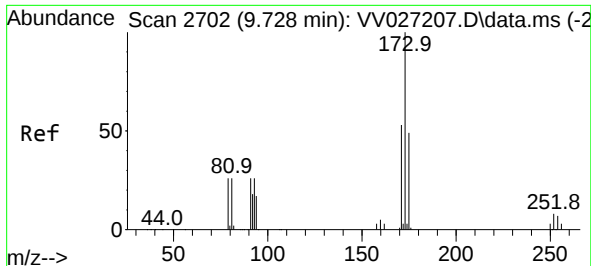
Tgt Ion:104 Resp: 60435
Ion Ratio Lower Upper
104 100
78 44.9 29.6 55.0



#57
1,1,2,2-Tetrachloroethane
Concen: 10.276 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. -0.000 min
Lab File: VV027206.D
Acq: 04 Aug 2022 11:44

Tgt Ion: 83 Resp: 49579
Ion Ratio Lower Upper
83 100
85 61.0 45.2 84.0
131 8.9 8.1 12.1

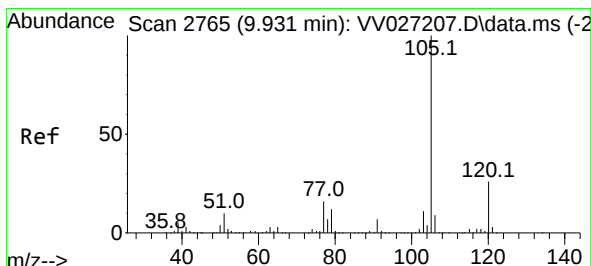
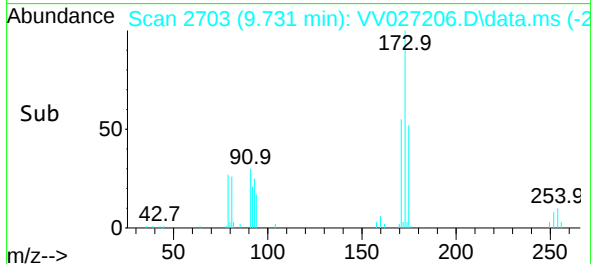
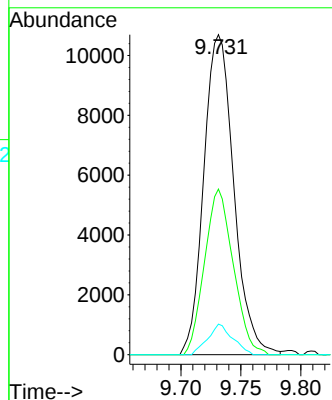
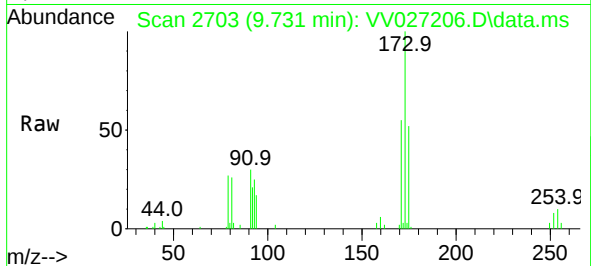




#59
Bromoform
Concen: 10.076 ug/L
RT: 9.731 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV027206.D
Acq: 04 Aug 2022 11:44

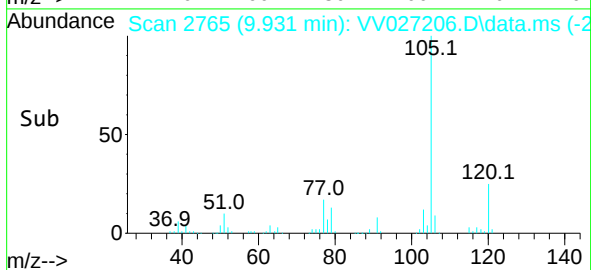
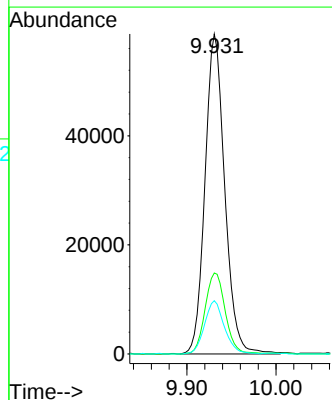
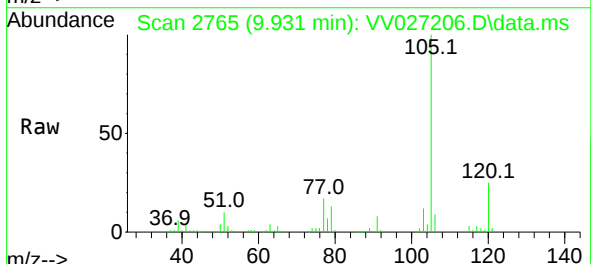
Instrument :
MSVOA_V
ClientSampleId :
VSTD010253

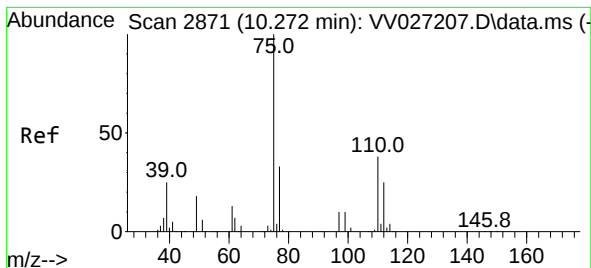
Tgt Ion:173 Resp: 18634
Ion Ratio Lower Upper
173 100
175 49.5 39.0 58.4
254 7.9 6.9 10.3



#60
Isopropylbenzene
Concen: 9.205 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV027206.D
Acq: 04 Aug 2022 11:44

Tgt Ion:105 Resp: 90292
Ion Ratio Lower Upper
105 100
120 25.9 21.4 32.0
77 16.8 11.8 17.6





#61

1,2,3-Trichloropropane

Concen: 10.821 ug/L

RT: 10.275 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV027206.D

Acq: 04 Aug 2022 11:44

Instrument :

MSVOA_V

ClientSampleId :

VSTD010253

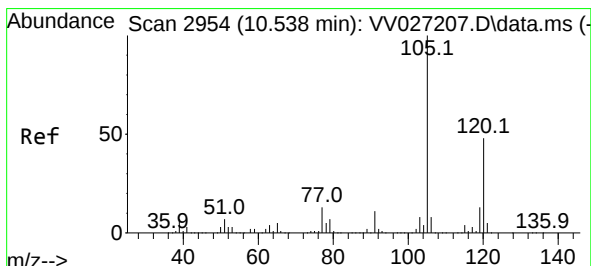
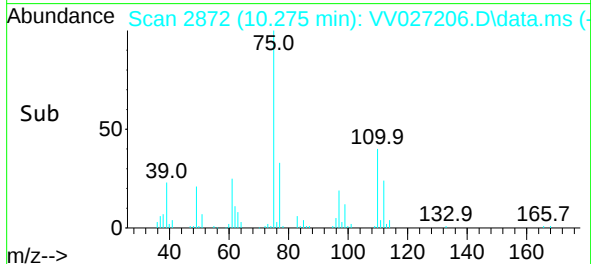
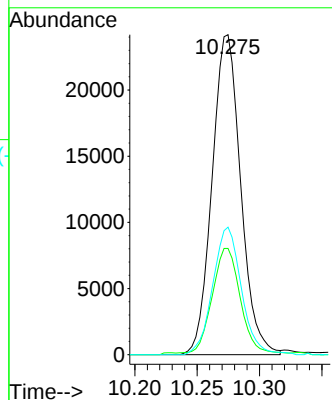
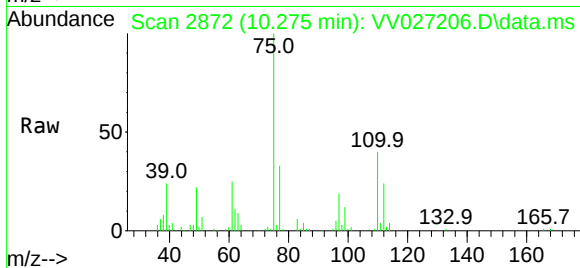
Tgt Ion: 75 Resp: 38668

Ion Ratio Lower Upper

75 100

77 33.2 25.8 38.8

110 39.8 32.7 49.1



#62

1,3,5-Trimethylbenzene

Concen: 8.580 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. -0.000 min

Lab File: VV027206.D

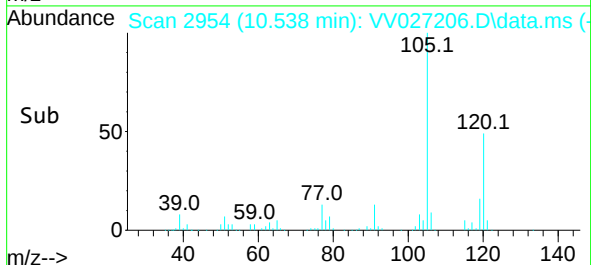
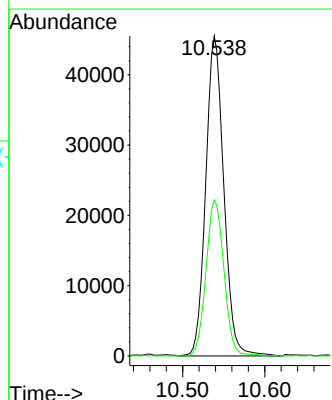
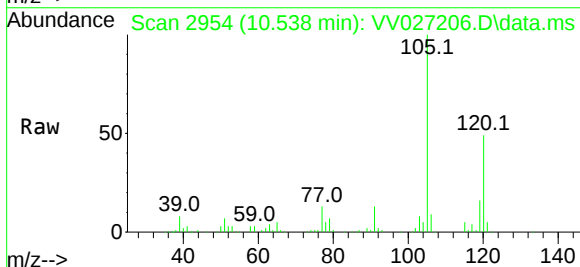
Acq: 04 Aug 2022 11:44

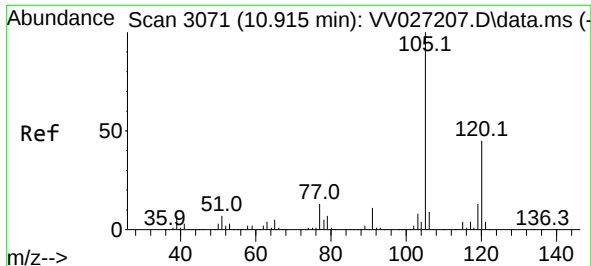
Tgt Ion: 105 Resp: 69504

Ion Ratio Lower Upper

105 100

120 48.5 39.3 58.9

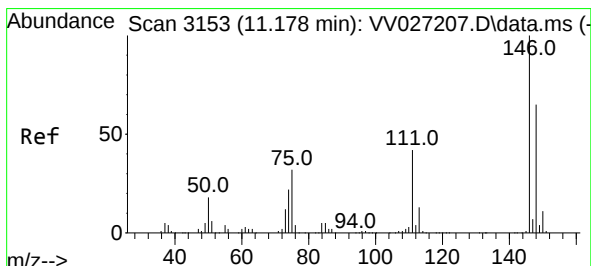
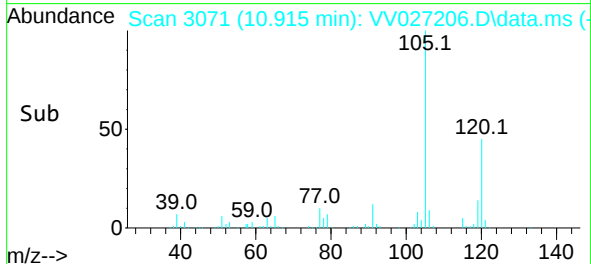
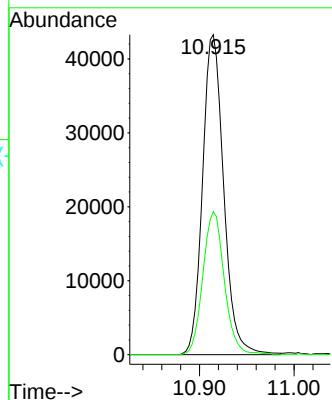
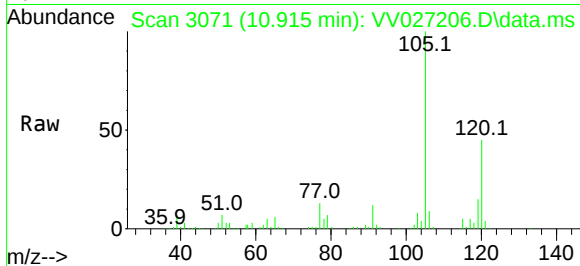




#63
 1,2,4-Trimethylbenzene
 Concen: 8.486 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. -0.000 min
 Lab File: VV027206.D
 Acq: 04 Aug 2022 11:44

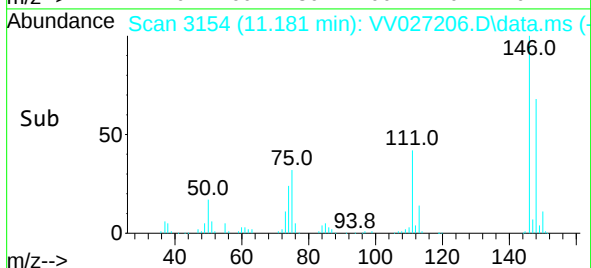
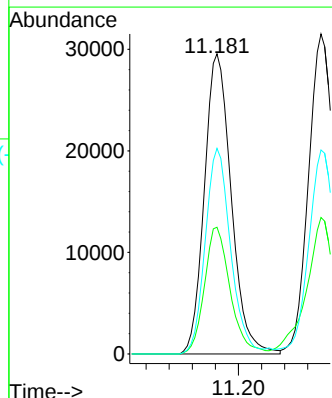
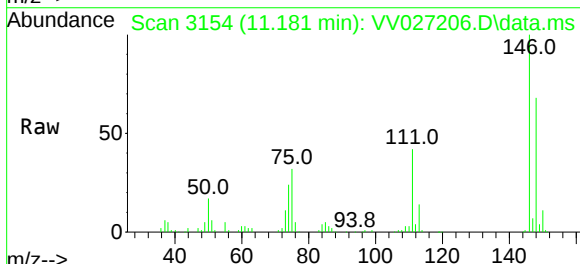
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010253

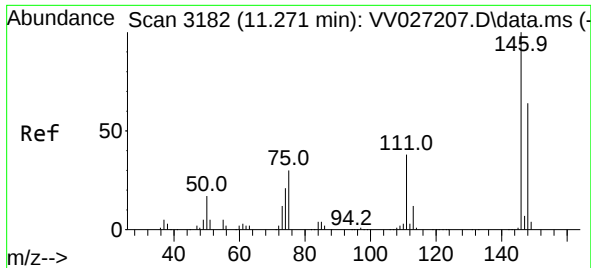
Tgt Ion:105 Resp: 67341
 Ion Ratio Lower Upper
 105 100
 120 45.4 37.0 55.6



#64
 1,3-Dichlorobenzene
 Concen: 10.038 ug/L
 RT: 11.181 min Scan# 3154
 Delta R.T. 0.003 min
 Lab File: VV027206.D
 Acq: 04 Aug 2022 11:44

Tgt Ion:146 Resp: 47723
 Ion Ratio Lower Upper
 146 100
 111 42.2 28.4 52.8
 148 68.5 44.7 82.9

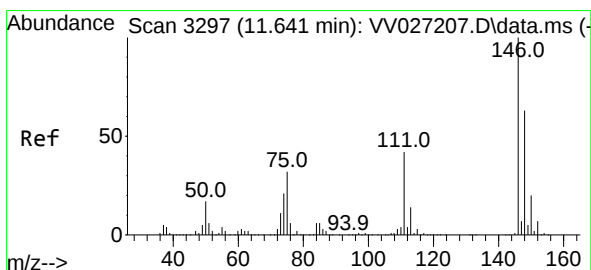
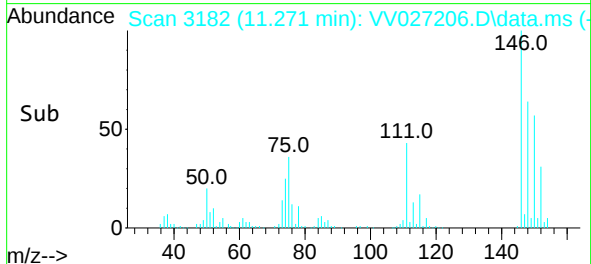
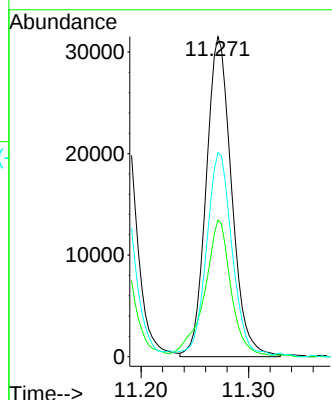
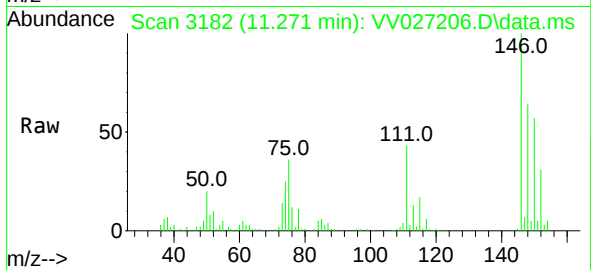




#65
1,4-Dichlorobenzene
Concen: 10.326 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV027206.D
Acq: 04 Aug 2022 11:44

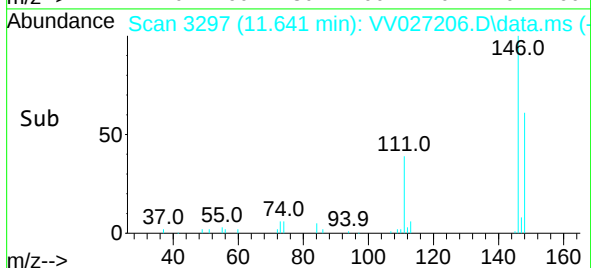
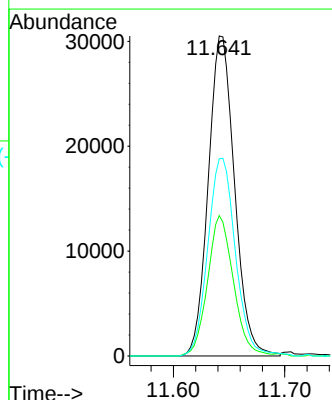
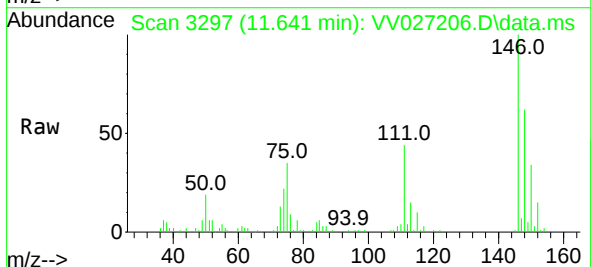
Instrument :
MSVOA_V
ClientSampleId :
VSTD010253

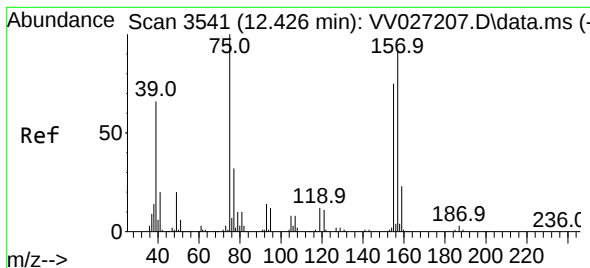
Tgt Ion:146 Resp: 51665
Ion Ratio Lower Upper
146 100
111 42.7 27.4 51.0
148 63.7 44.6 82.8



#67
1,2-Dichlorobenzene
Concen: 10.054 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.000 min
Lab File: VV027206.D
Acq: 04 Aug 2022 11:44

Tgt Ion:146 Resp: 50082
Ion Ratio Lower Upper
146 100
111 43.9 34.0 51.0
148 61.6 50.5 75.7

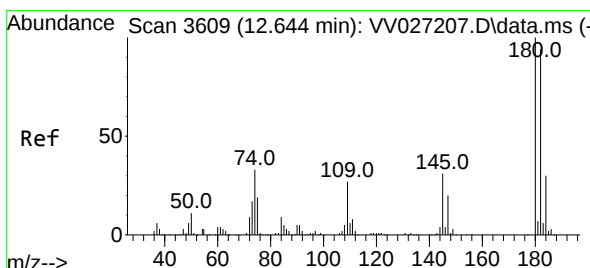
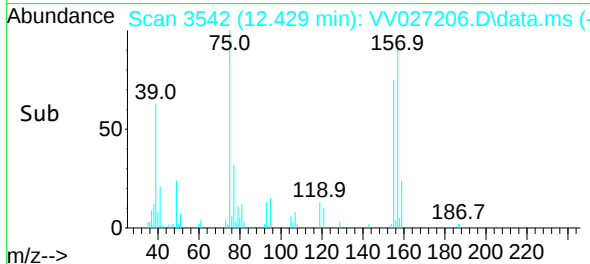
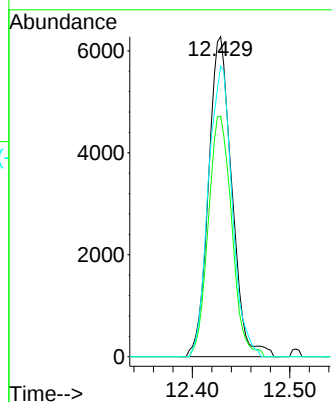
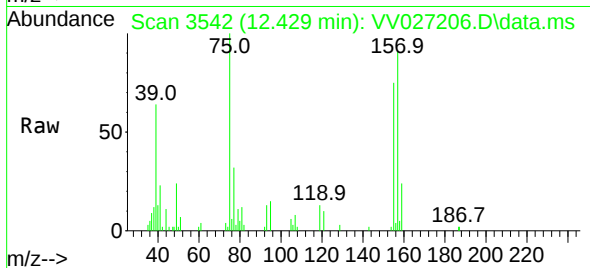




#68
1,2-Dibromo-3-chloropropane
Concen: 10.399 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.003 min
Lab File: VV027206.D
Acq: 04 Aug 2022 11:44

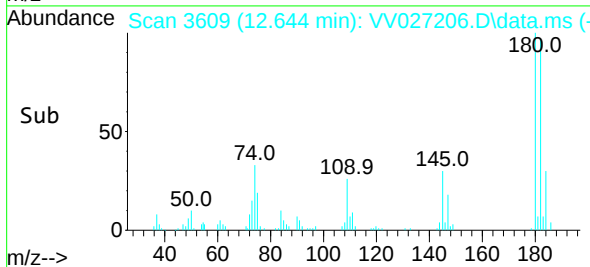
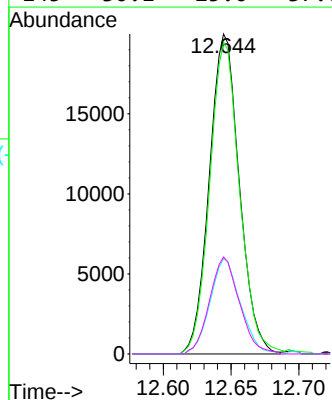
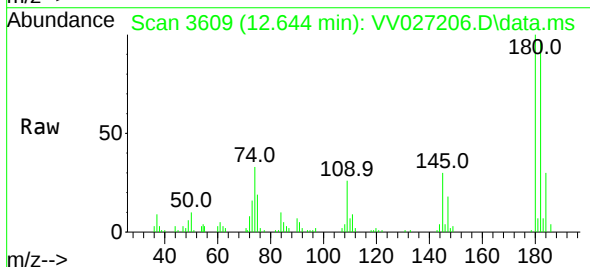
Instrument :
MSVOA_V
ClientSampleId :
VSTD010253

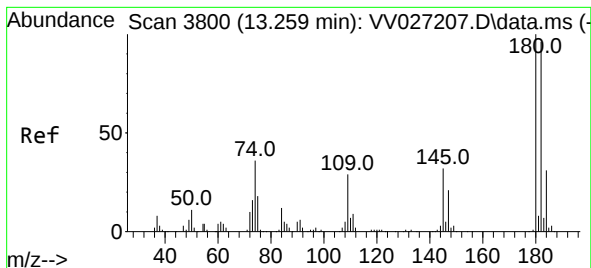
Tgt Ion: 75 Resp: 10425
Ion Ratio Lower Upper
75 100
155 75.1 69.1 103.7
157 90.7 87.8 131.8



#69
1,3,5-Trichlorobenzene
Concen: 9.628 ug/L
RT: 12.644 min Scan# 3609
Delta R.T. -0.000 min
Lab File: VV027206.D
Acq: 04 Aug 2022 11:44

Tgt Ion:180 Resp: 30744
Ion Ratio Lower Upper
180 100
182 96.9 76.2 114.4
184 30.0 24.8 37.2
145 30.1 25.0 37.6





#70

1,2,4-trichlorobenzene

Concen: 8.813 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. 0.003 min

Lab File: VV027206.D

Acq: 04 Aug 2022 11:44

Instrument :

MSVOA_V

ClientSampleId :

VSTD010253

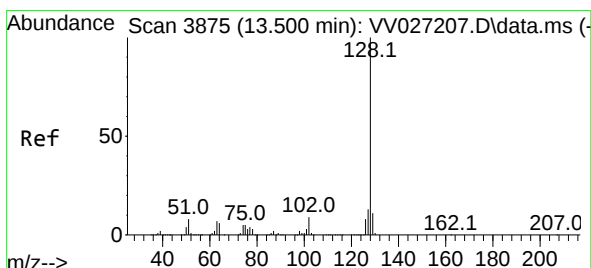
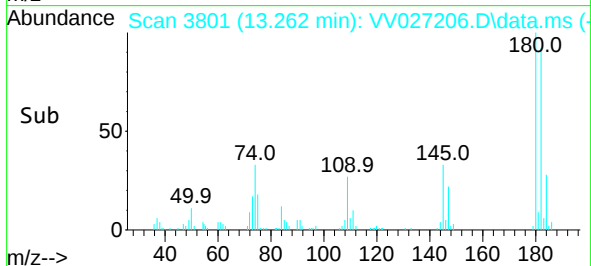
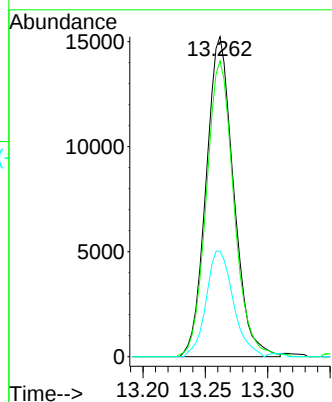
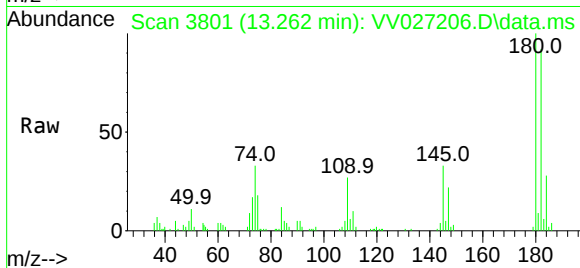
Tgt Ion:180 Resp: 23373

Ion Ratio Lower Upper

180 100

182 92.7 75.9 113.9

145 32.6 24.7 37.1



#71

Naphthalene

Concen: 7.542 ug/L

RT: 13.503 min Scan# 3876

Delta R.T. 0.003 min

Lab File: VV027206.D

Acq: 04 Aug 2022 11:44

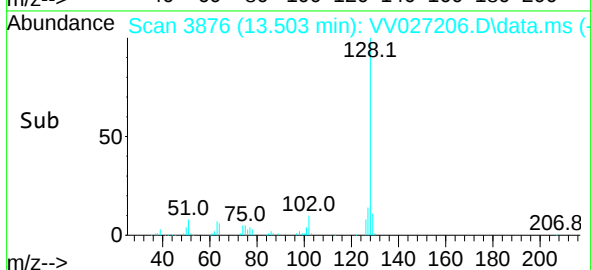
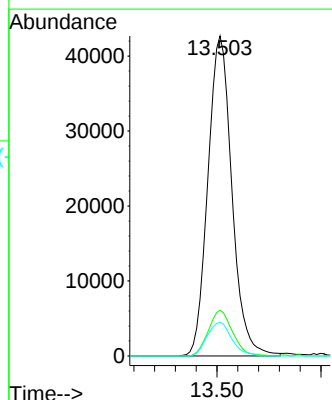
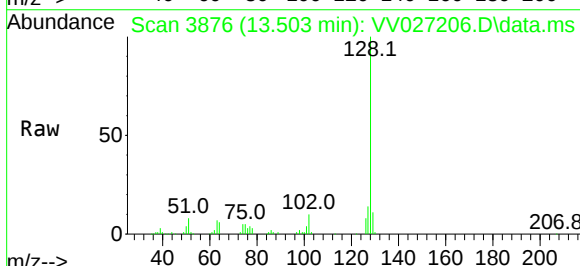
Tgt Ion:128 Resp: 68487

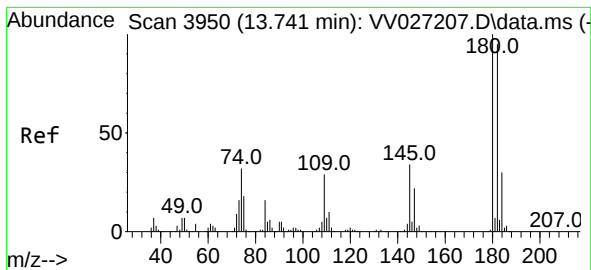
Ion Ratio Lower Upper

128 100

127 14.4 10.3 15.5

129 10.8 8.6 13.0





#72

1,2,3-Trichlorobenzene

Concen: 8.771 ug/L

RT: 13.744 min Scan# 3950

Delta R.T. 0.003 min

Lab File: VV027206.D

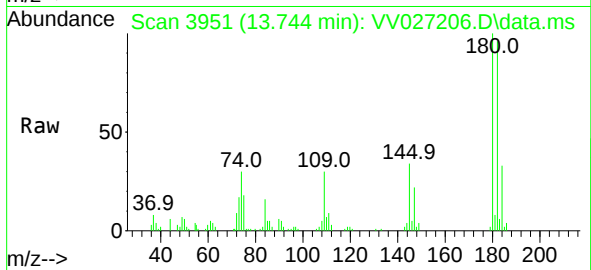
Acq: 04 Aug 2022 11:44

Instrument :

MSVOA_V

ClientSampleId :

VSTD010253



Tgt Ion:180 Resp: 25782

Ion Ratio Lower Upper

180 100

182 93.2 76.3 114.5

145 33.7 27.4 41.0

