

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW080422\
 Data File : VW027209.D
 Acq On : 04 Aug 2022 12:58
 Operator : SY/MD
 Sample : VSTD200256
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200256

Quant Time: Aug 05 02:03:59 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	5.612	114	388023	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	389448	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	210364	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	511138	193.213	ug/L	0.00
7) Chloroethane-d5	1.552	69	308396	159.462	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.098	63	952388	196.818	ug/L	0.00
21) 2-Butanone-d5	3.867	46	1047637	443.842	ug/L	0.00
24) Chloroform-d	4.339	84	1035497	191.089	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.024	65	649619	193.082	ug/L	0.00
32) Benzene-d6	5.043	84	1874727	200.737	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.063	67	656612	197.648	ug/L	0.00
41) Toluene-d8	7.313	98	1673960	210.283	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.616	79	317114	218.996	ug/L	0.00
47) 2-Hexanone-d5	8.085	63	783183	489.470	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	1025291	189.383	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	727217	200.181	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	663271	192.152	ug/L	100
3) Chloromethane	1.236	50	743175	188.461	ug/L	98
5) Vinyl chloride	1.304	62	758184	193.003	ug/L	98
6) Bromomethane	1.510	94	348243	188.047	ug/L	100
8) Chloroethane	1.568	64	354704	162.073	ug/L	99
9) Trichlorofluoromethane	1.741	101	986538	195.724	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	531761	190.257	ug/L	97
12) 1,1-Dichloroethene	2.108	96	522305	194.265	ug/L	87
13) Acetone	2.162	43	666587	367.116	ug/L	88
14) Carbon disulfide	2.281	76	1841928	201.292	ug/L	100
16) Methylene chloride	2.497	84	669013	186.284	ug/L	85
17) trans-1,2-Dichloroethene	2.751	96	607723	204.258	ug/L	91
18) Methyl tert-butyl Ether	2.857	73	33155	3.747	ug/L	93
19) 1,1-Dichloroethane	3.182	63	1182057	197.908	ug/L	99
20) cis-1,2-Dichloroethene	3.902	96	680385	220.135	ug/L	87
22) 2-Butanone	3.950	43	1154448	463.760	ug/L	95
23) Bromochloromethane	4.236	128	348529	201.935	ug/L	86
25) Chloroform	4.365	83	1156575	191.611	ug/L	100
27) 1,2-Dichloroethane	5.124	62	901134	191.688	ug/L	96
29) Cyclohexane	4.670	56	1069525	238.458	ug/L	90
30) 1,1,1-Trichloroethane	4.600	97	1011002	195.858	ug/L	97
31) Carbon tetrachloride	4.822	117	887651	198.067	ug/L	99
33) Benzene	5.092	78	2539727	202.934	ug/L	100
34) Trichloroethene	5.908	95	645986	201.588	ug/L	96
35) Methylcyclohexane	6.127	83	1095595	232.512	ug/L	94
37) 1,2-Dichloropropane	6.169	63	700485	199.789	ug/L	99
38) Bromodichloromethane	6.503	83	898484	195.580	ug/L	99
39) cis-1,3-Dichloropropene	7.021	75	1083983	233.404	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	2200962	440.035	ug/L #	92
42) Toluene	7.384	91	2712862	213.199	ug/L	99
44) trans-1,3-Dichloropropene	7.645	75	1034032	226.564	ug/L	100
45) 1,1,2-Trichloroethane	7.834	97	650737	192.570	ug/L	97

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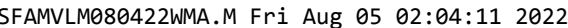
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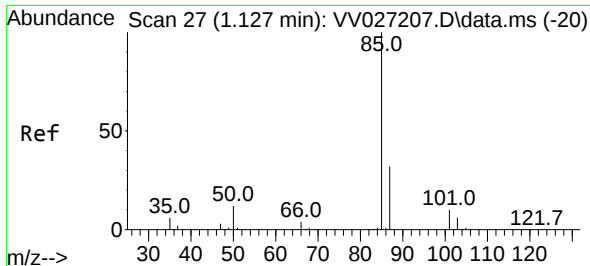
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Tetrachloroethene	7.973	164	476107	202.995	ug/L	99
48) 2-Hexanone	8.136	43	1717440	431.126	ug/L #	91
49) Dibromochloromethane	8.243	129	725437	203.084	ug/L	98
50) 1,2-Dibromoethane	8.349	107	698264	200.818	ug/L	100
51) Chlorobenzene	8.879	112	1732880	203.033	ug/L	96
52) Ethylbenzene	9.011	91	2984609	227.313	ug/L	99
53) m,p-Xylene	9.136	106	1152482	232.252	ug/L	95
54) o-Xylene	9.542	106	1125671	232.847	ug/L	97
55) Styrene	9.558	104	1962037	230.388	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.239	83	1092264	192.942	ug/L	99
59) Bromoform	9.728	173	505234	202.146	ug/L	99
60) Isopropylbenzene	9.931	105	2955604	222.946	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	877356	181.667	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	2565995	234.378	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	2534709	236.335	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	1323971	206.058	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	1342100	198.478	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	1339982	199.041	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	276517	204.086	ug/L	92
69) 1,3,5-Trichlorobenzene	12.644	180	949811	220.092	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	878761	245.172	ug/L	99
71) Naphthalene	13.500	128	3267336	266.219	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	929293	233.913	ug/L	100

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

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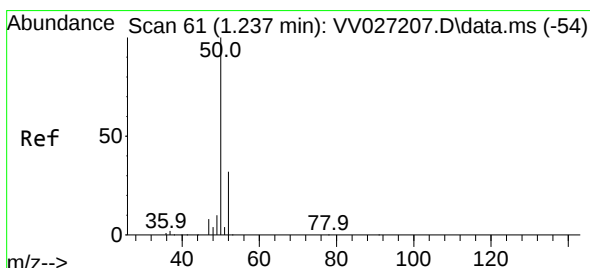
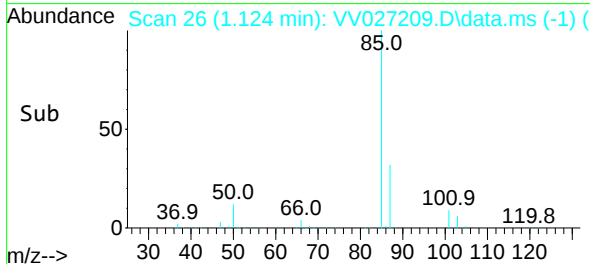
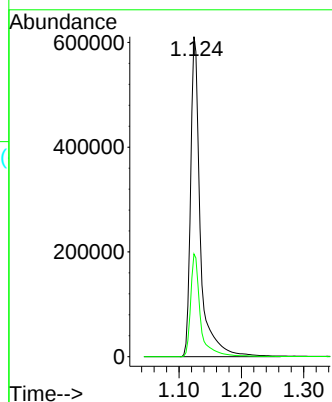
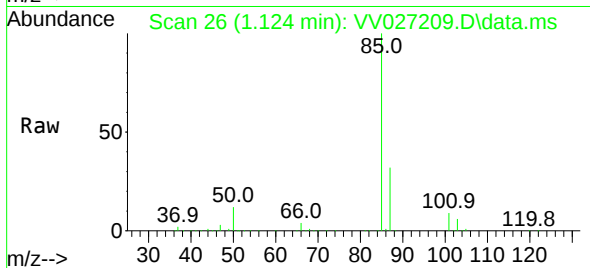




#2
 Dichlorodifluoromethane
 Concen: 192.152 ug/L
 RT: 1.124 min Scan# 20
 Delta R.T. -0.003 min
 Lab File: VV027209.D
 Acq: 04 Aug 2022 12:58

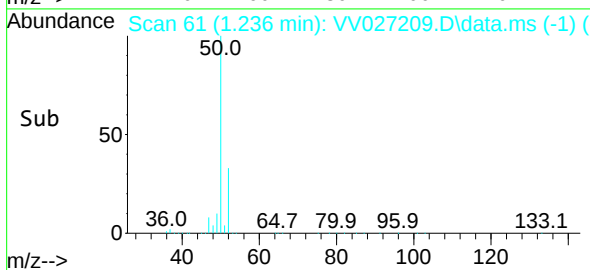
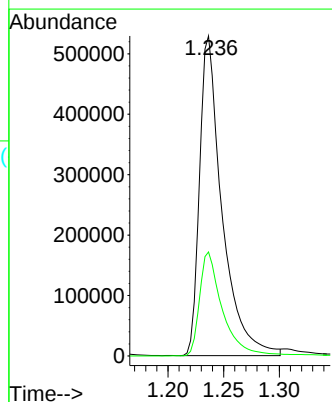
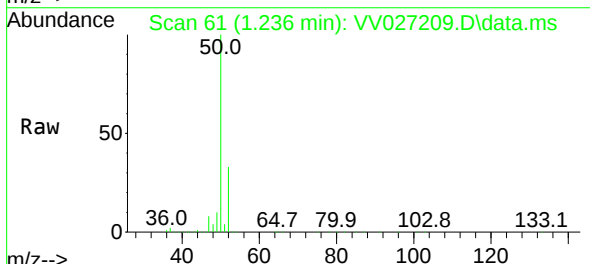
Instrument :
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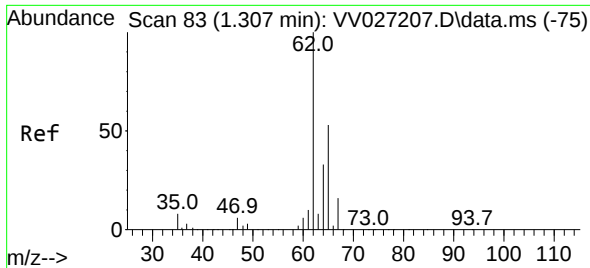
Tgt Ion: 85 Resp: 663271
 Ion Ratio Lower Upper
 85 100
 87 32.4 26.1 39.1



#3
 Chloromethane
 Concen: 188.461 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VV027209.D
 Acq: 04 Aug 2022 12:58

Tgt Ion: 50 Resp: 743175
 Ion Ratio Lower Upper
 50 100
 52 32.5 23.5 43.7

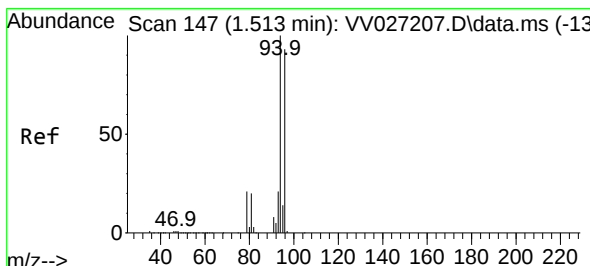
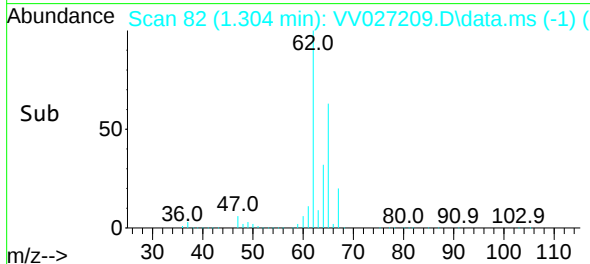
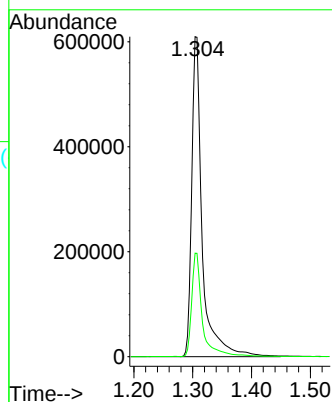
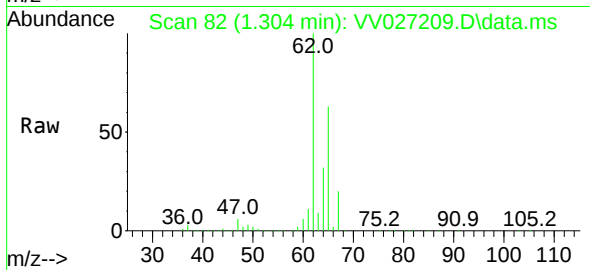




#5
 Vinyl chloride
 Concen: 193.003 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VV027209.D
 Acq: 04 Aug 2022 12:58

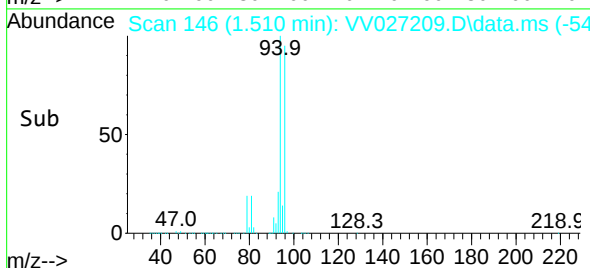
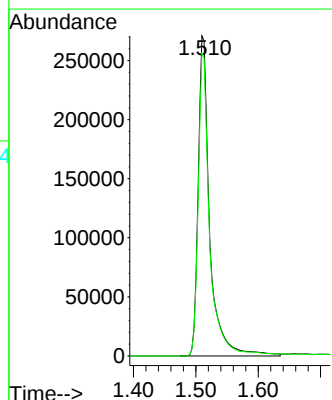
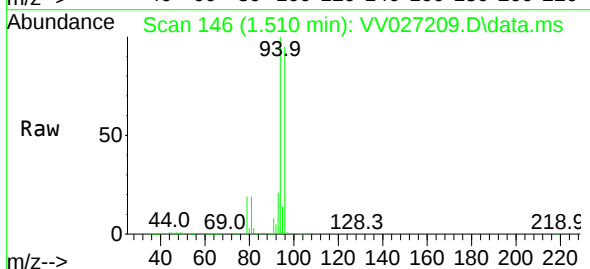
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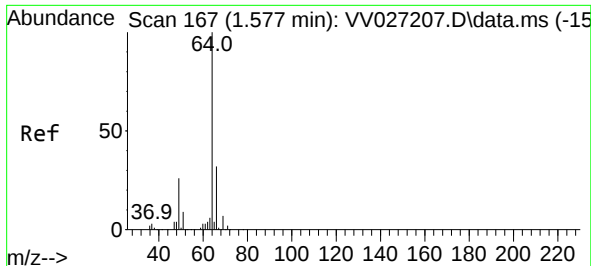
Tgt Ion: 62 Resp: 758184
 Ion Ratio Lower Upper
 62 100
 64 32.3 23.2 43.2



#6
 Bromomethane
 Concen: 188.047 ug/L
 RT: 1.510 min Scan# 146
 Delta R.T. -0.003 min
 Lab File: VV027209.D
 Acq: 04 Aug 2022 12:58

Tgt Ion: 94 Resp: 348243
 Ion Ratio Lower Upper
 94 100
 96 94.5 66.1 122.8

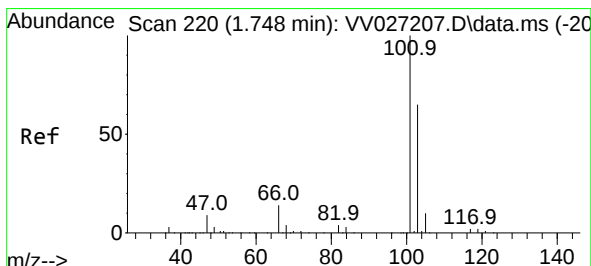
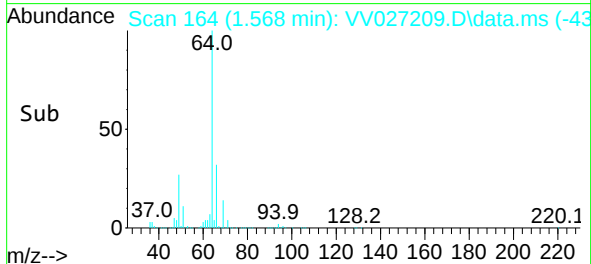
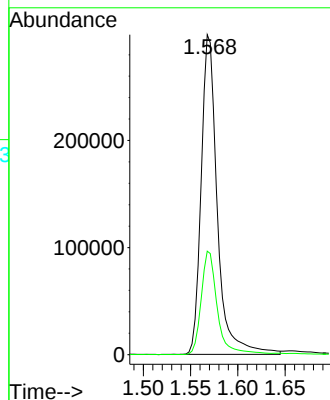
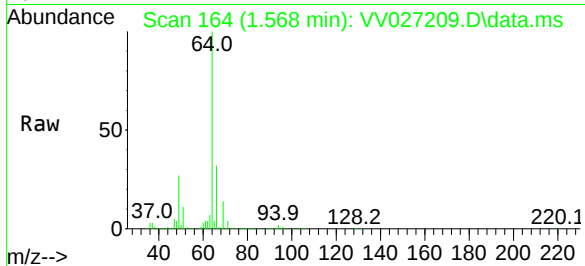




#8
Chloroethane
Concen: 162.073 ug/L
RT: 1.568 min Scan# 1
Delta R.T. -0.010 min
Lab File: VV027209.D
Acq: 04 Aug 2022 12:58

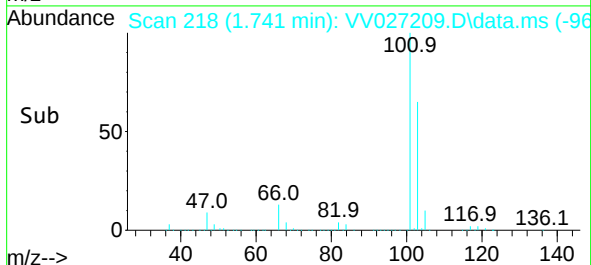
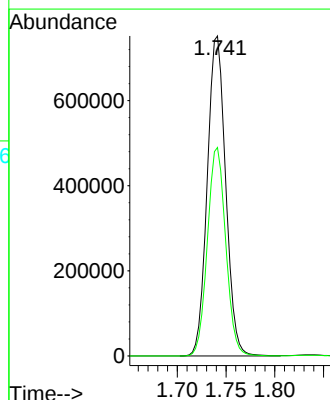
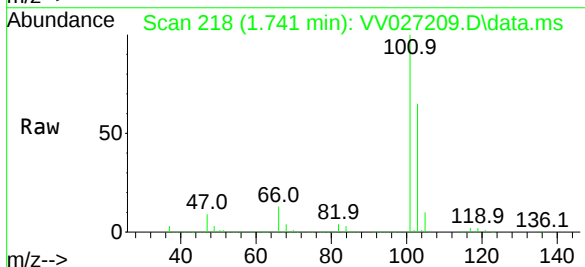
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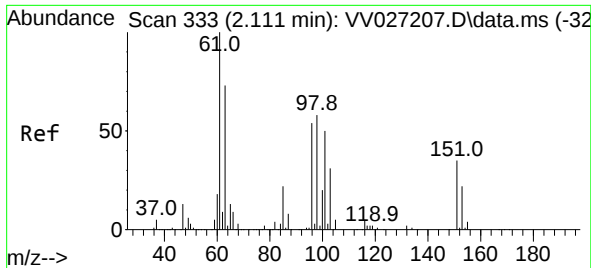
Tgt Ion: 64 Resp: 354704
Ion Ratio Lower Upper
64 100
66 32.4 22.4 41.6



#9
Trichlorofluoromethane
Concen: 195.724 ug/L
RT: 1.741 min Scan# 218
Delta R.T. -0.006 min
Lab File: VV027209.D
Acq: 04 Aug 2022 12:58

Tgt Ion:101 Resp: 986538
Ion Ratio Lower Upper
101 100
103 65.0 52.4 78.6

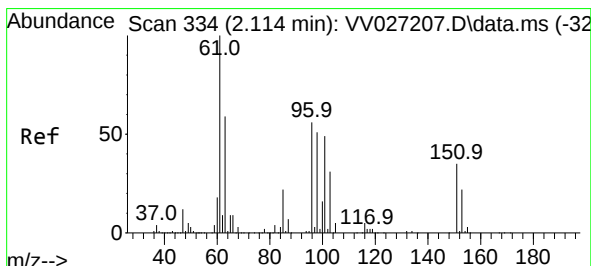
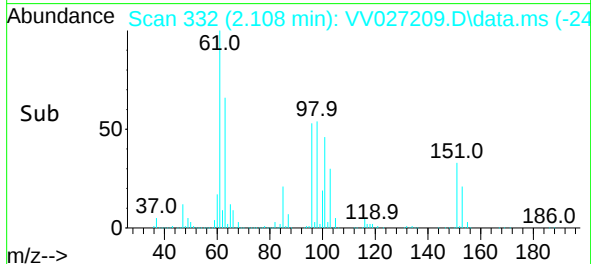
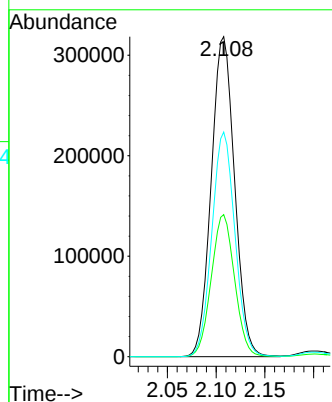
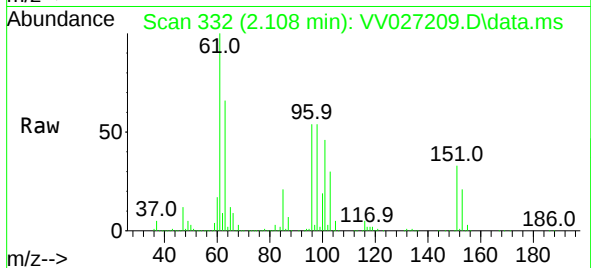




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 190.257 ug/L
 RT: 2.108 min Scan# 332
 Delta R.T. -0.003 min
 Lab File: VV027209.D
 Acq: 04 Aug 2022 12:58

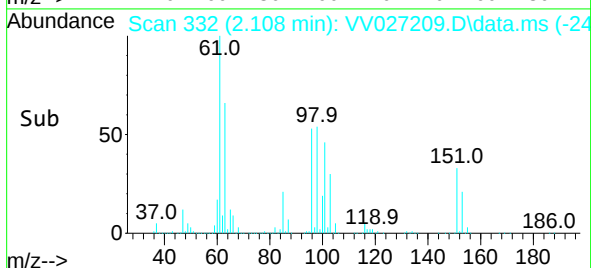
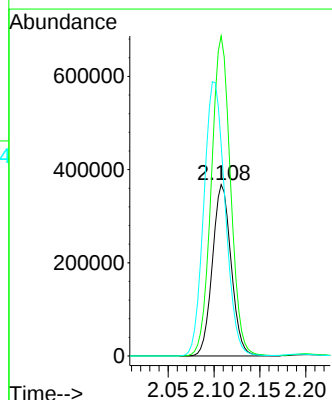
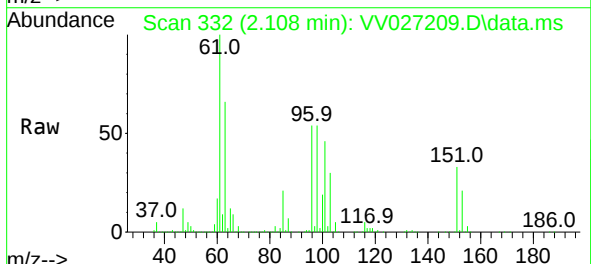
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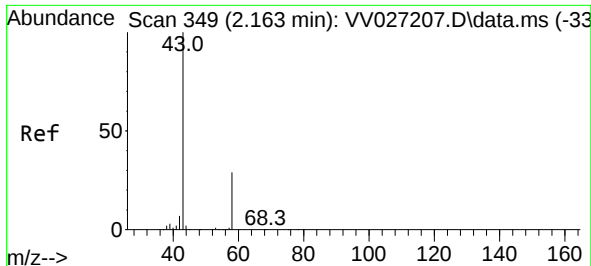
Tgt Ion:101 Resp: 531761
 Ion Ratio Lower Upper
 101 100
 85 44.3 34.1 51.1
 151 69.6 57.8 86.8



#12
 1,1-Dichloroethene
 Concen: 194.265 ug/L
 RT: 2.108 min Scan# 332
 Delta R.T. -0.006 min
 Lab File: VV027209.D
 Acq: 04 Aug 2022 12:58

Tgt Ion: 96 Resp: 522305
 Ion Ratio Lower Upper
 96 100
 61 186.8 114.3 212.3
 63 123.5 93.4 173.4





#13

Acetone

Concen: 367.116 ug/L

RT: 2.162 min Scan# 34

Delta R.T. -0.000 min

Lab File: VV027209.D

Acq: 04 Aug 2022 12:58

Instrument :

MSVOA_V

ClientSampleId :

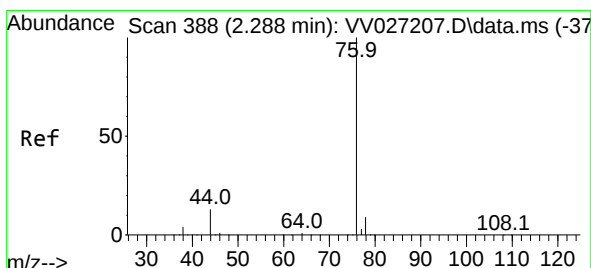
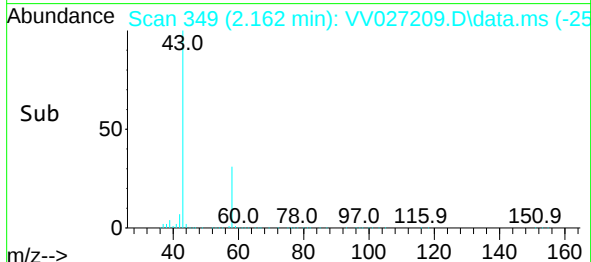
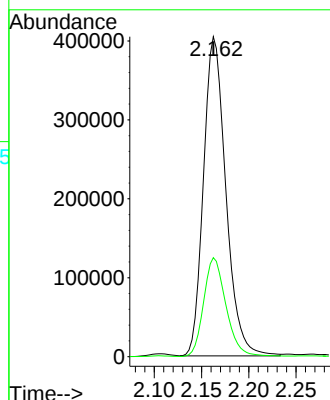
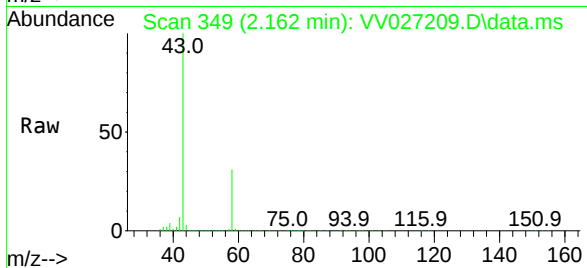
VSTD200256

Tgt Ion: 43 Resp: 666587

Ion Ratio Lower Upper

43 100

58 31.0 0.0 49.6



#14

Carbon disulfide

Concen: 201.292 ug/L

RT: 2.281 min Scan# 386

Delta R.T. -0.006 min

Lab File: VV027209.D

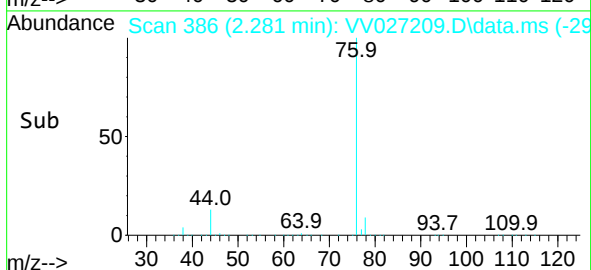
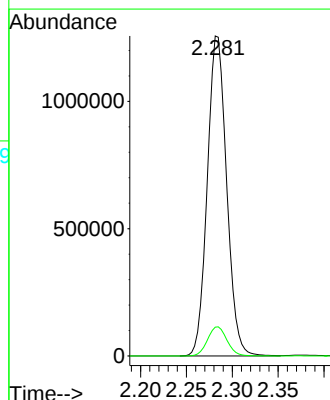
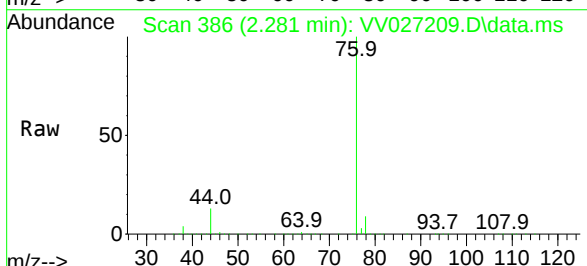
Acq: 04 Aug 2022 12:58

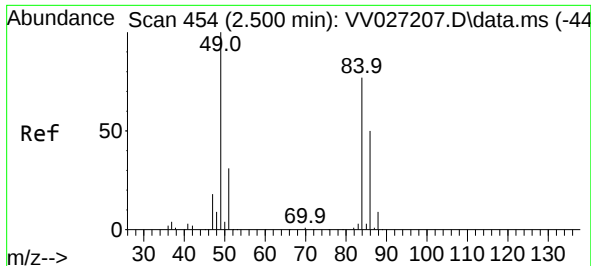
Tgt Ion: 76 Resp: 1841928

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9

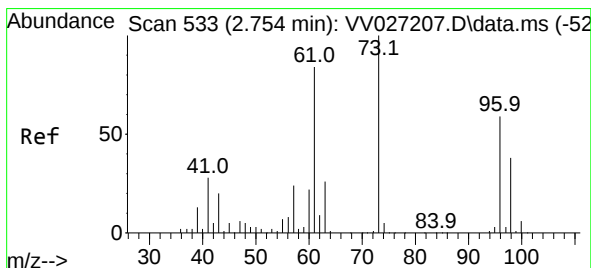
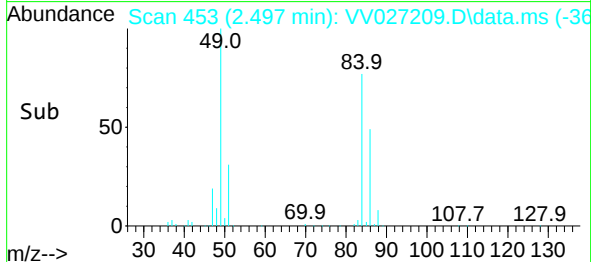
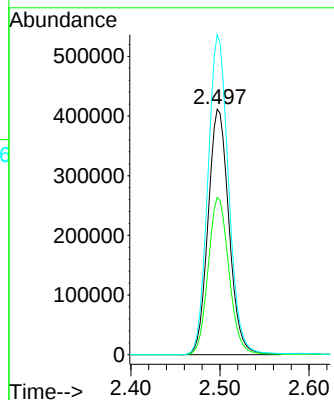
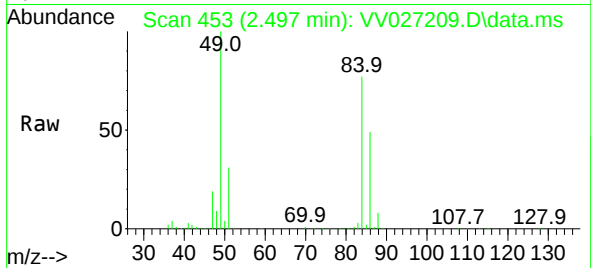




#16
Methylene chloride
Concen: 186.284 ug/L
RT: 2.497 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV027209.D
Acq: 04 Aug 2022 12:58

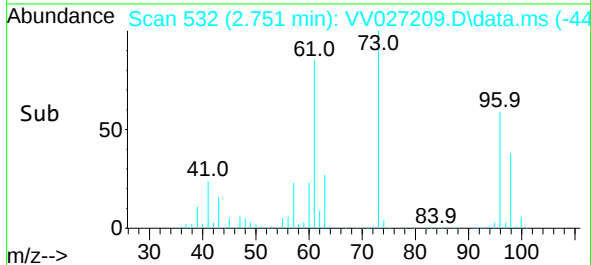
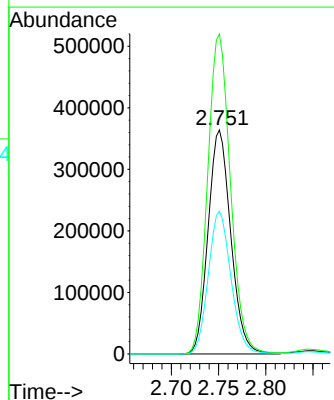
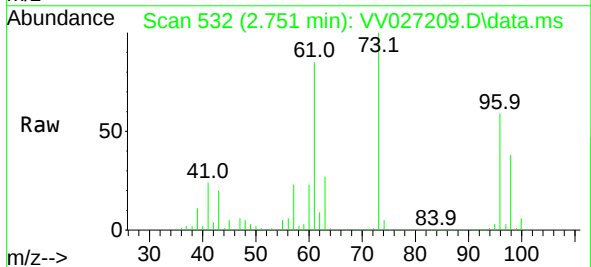
Instrument :
MSVOA_V
ClientSampleId :
VSTD200256

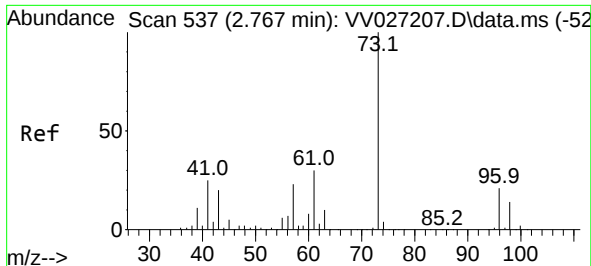
Tgt Ion: 84 Resp: 669013
Ion Ratio Lower Upper
84 100
86 64.1 45.0 83.6
49 130.4 74.1 137.7



#17
trans-1,2-Dichloroethene
Concen: 204.258 ug/L
RT: 2.751 min Scan# 532
Delta R.T. -0.003 min
Lab File: VV027209.D
Acq: 04 Aug 2022 12:58

Tgt Ion: 96 Resp: 607723
Ion Ratio Lower Upper
96 100
61 142.9 89.2 165.6
98 63.7 44.6 82.8

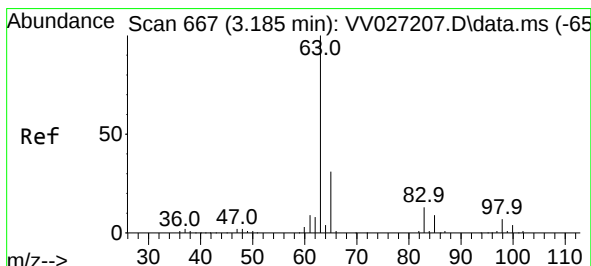
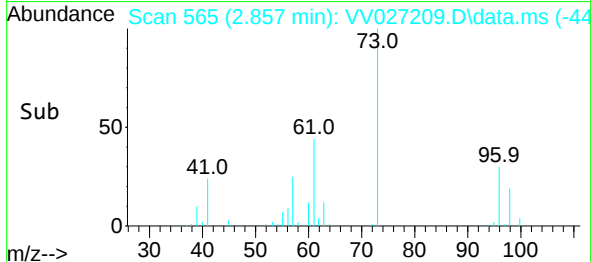
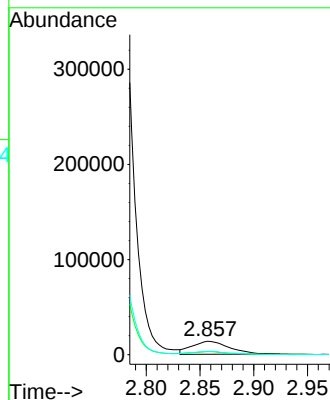
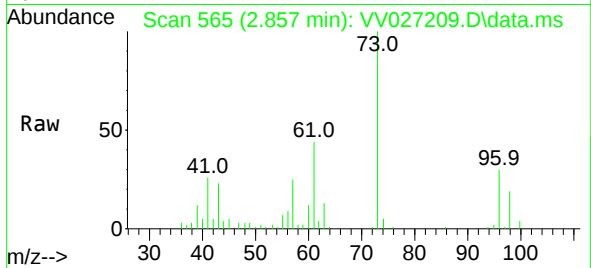




#18
Methyl tert-butyl Ether
Concen: 3.747 ug/L
RT: 2.857 min Scan# 537
Delta R.T. 0.090 min
Lab File: VV027209.D
Acq: 04 Aug 2022 12:58

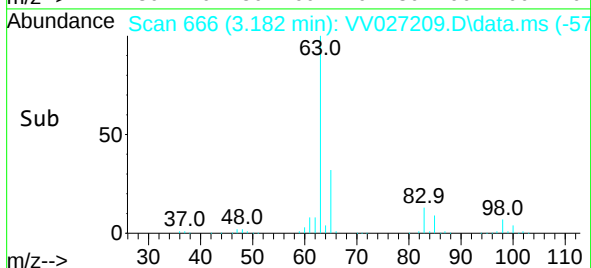
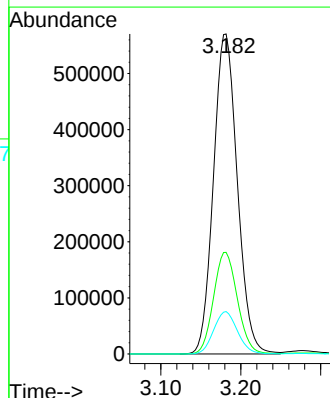
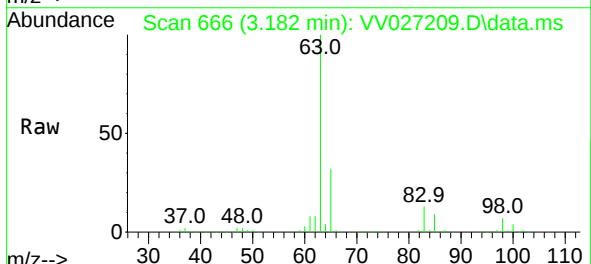
Instrument :
MSVOA_V
ClientSampleId :
VSTD200256

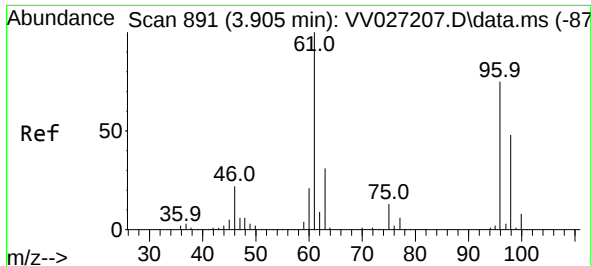
Tgt Ion: 73 Resp: 33155
Ion Ratio Lower Upper
73 100
43 18.1 12.6 18.8
57 25.0 17.3 25.9



#19
1,1-Dichloroethane
Concen: 197.908 ug/L
RT: 3.182 min Scan# 666
Delta R.T. -0.003 min
Lab File: VV027209.D
Acq: 04 Aug 2022 12:58

Tgt Ion: 63 Resp: 1182057
Ion Ratio Lower Upper
63 100
65 31.8 22.7 42.3
83 13.2 9.5 17.7

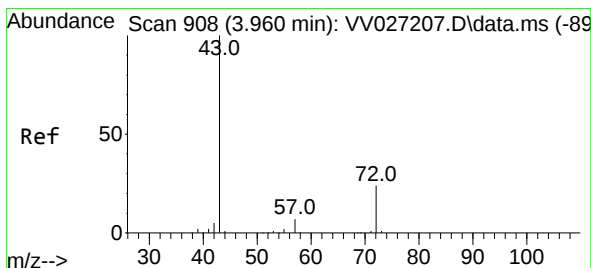
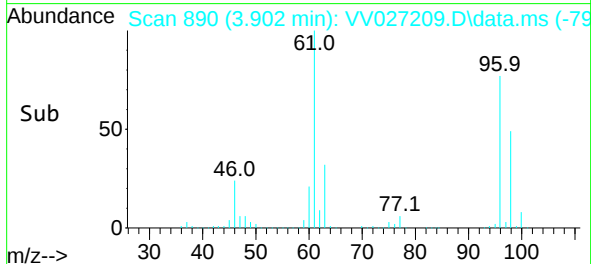
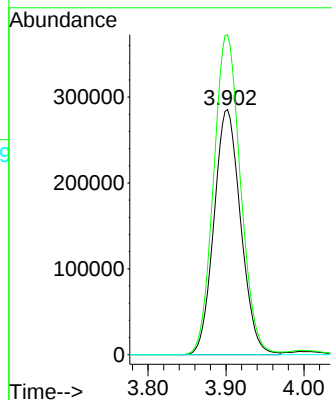
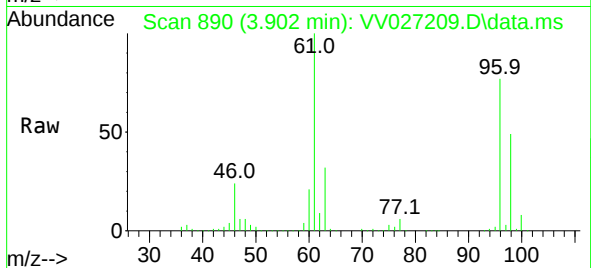




#20
cis-1,2-Dichloroethene
Concen: 220.135 ug/L
RT: 3.902 min Scan# 891
Delta R.T. -0.003 min
Lab File: VV027209.D
Acq: 04 Aug 2022 12:58

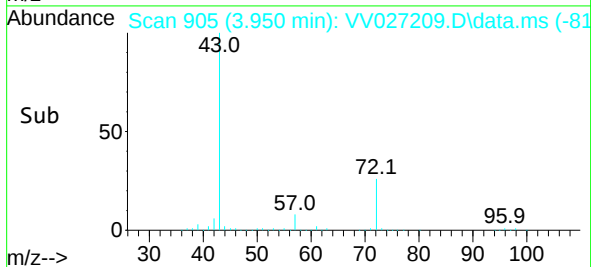
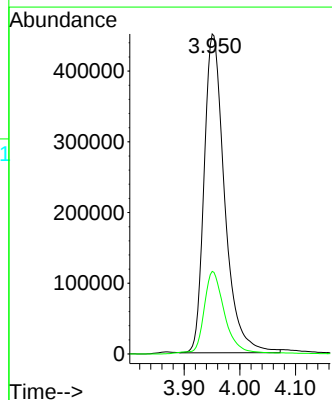
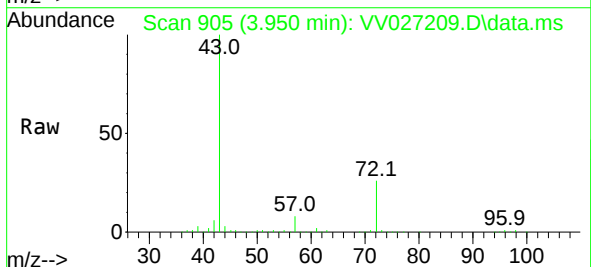
Instrument :
MSVOA_V
ClientSampleId :
VSTD200256

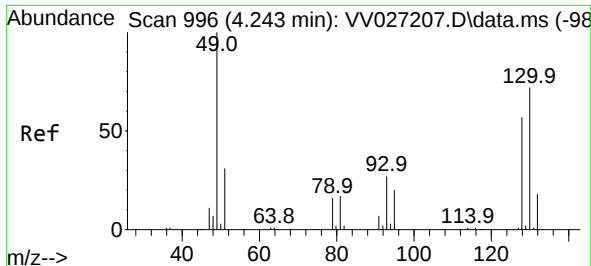
Tgt Ion: 96 Resp: 680385
Ion Ratio Lower Upper
96 100
61 130.6 81.8 151.8
68 0.0 0.0 0.0



#22
2-Butanone
Concen: 463.760 ug/L
RT: 3.950 min Scan# 905
Delta R.T. -0.010 min
Lab File: VV027209.D
Acq: 04 Aug 2022 12:58

Tgt Ion: 43 Resp: 1154448
Ion Ratio Lower Upper
43 100
72 26.3 11.9 35.7

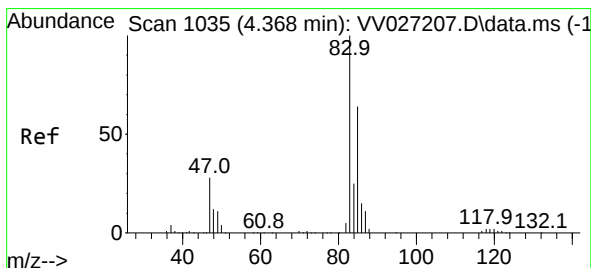
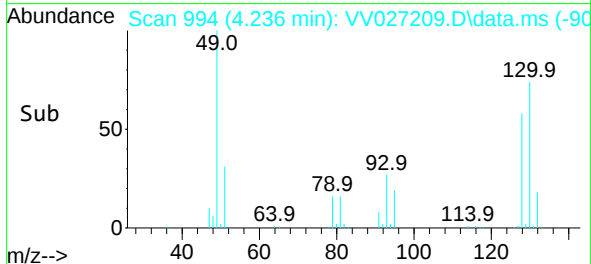
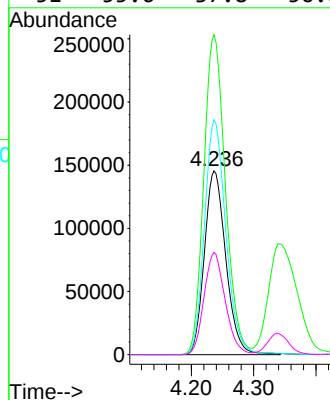
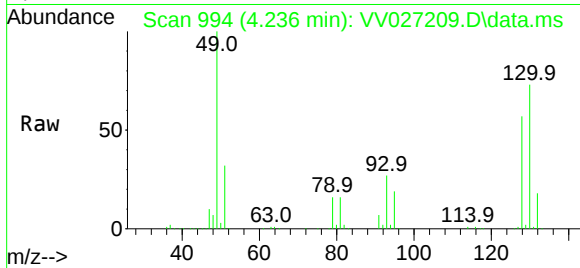




#23
Bromochloromethane
Concen: 201.935 ug/L
RT: 4.236 min Scan# 996
Delta R.T. -0.006 min
Lab File: VV027209.D
Acq: 04 Aug 2022 12:58

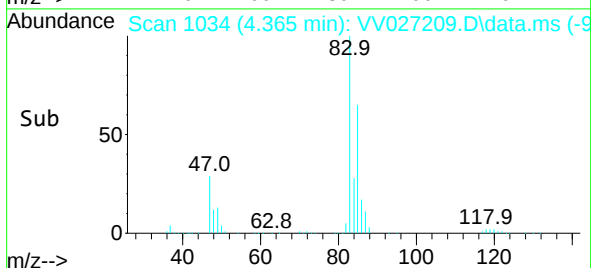
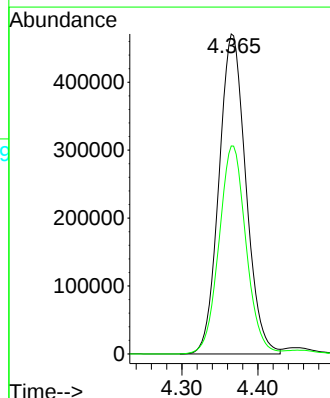
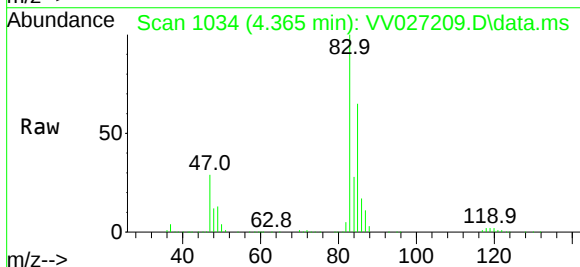
Instrument :
MSVOA_V
ClientSampleId :
VSTD200256

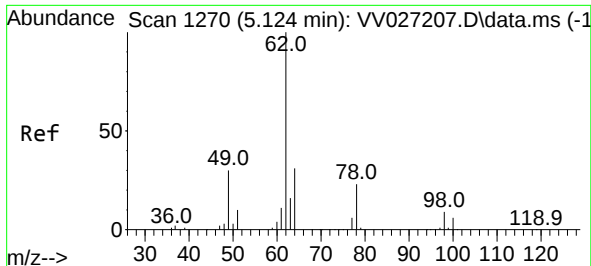
Tgt Ion:	128	Resp:	348529
Ion	Ratio	Lower	Upper
128	100		
49	174.2	98.7	183.3
130	127.9	89.5	166.1
51	55.6	37.8	56.8



#25
Chloroform
Concen: 191.611 ug/L
RT: 4.365 min Scan# 1034
Delta R.T. -0.003 min
Lab File: VV027209.D
Acq: 04 Aug 2022 12:58

Tgt Ion:	83	Resp:	1156575
Ion	Ratio	Lower	Upper
83	100		
85	65.0	45.4	84.4





#27

1,2-Dichloroethane

Concen: 191.688 ug/L

RT: 5.124 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VV027209.D

Acq: 04 Aug 2022 12:58

Instrument :

MSVOA_V

ClientSampleId :

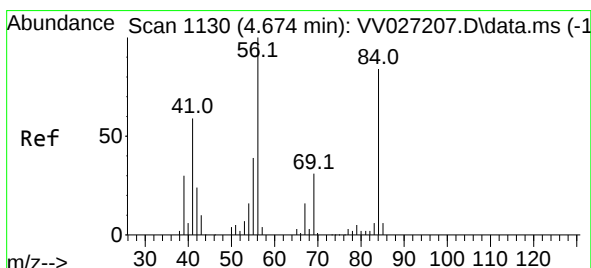
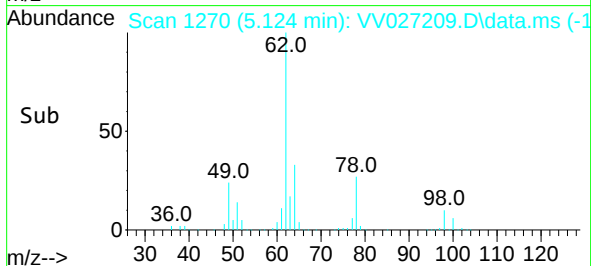
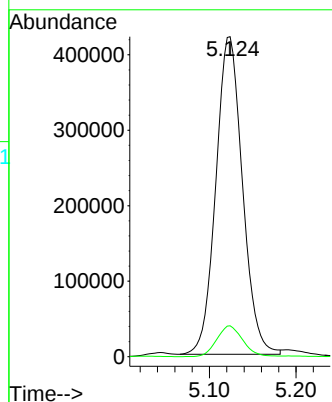
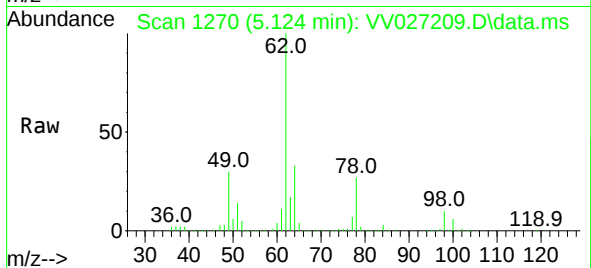
VSTD200256

Tgt Ion: 62 Resp: 901134

Ion Ratio Lower Upper

62 100

98 9.7 9.0 13.6



#29

Cyclohexane

Concen: 238.458 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. -0.003 min

Lab File: VV027209.D

Acq: 04 Aug 2022 12:58

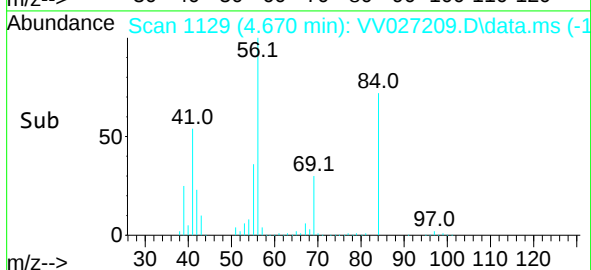
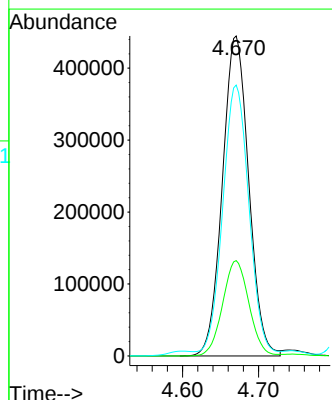
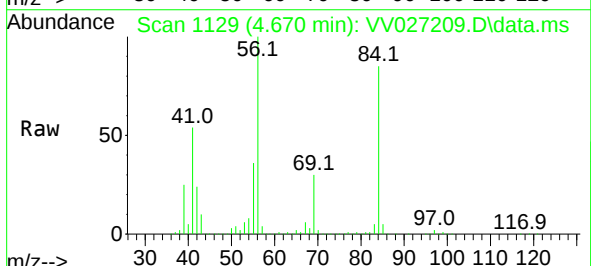
Tgt Ion: 56 Resp: 1069525

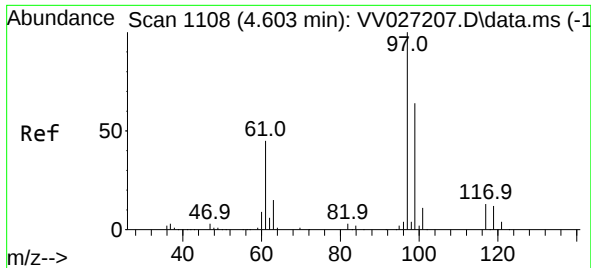
Ion Ratio Lower Upper

56 100

69 29.8 25.9 38.9

84 82.3 75.3 112.9

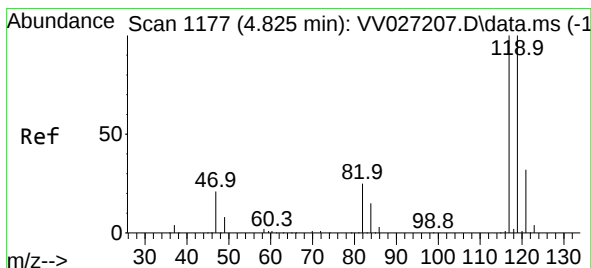
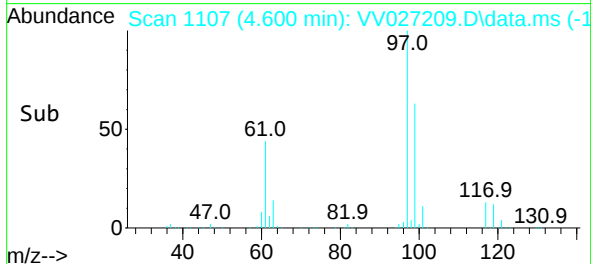
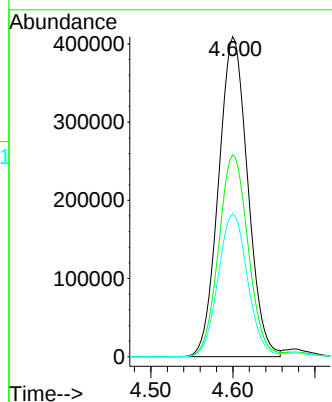
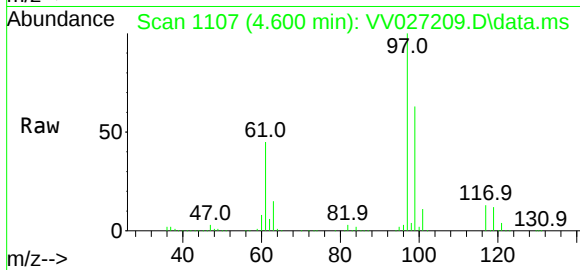




#30
1,1,1-Trichloroethane
Concen: 195.858 ug/L
RT: 4.600 min Scan# 1108
Delta R.T. -0.003 min
Lab File: VV027209.D
Acq: 04 Aug 2022 12:58

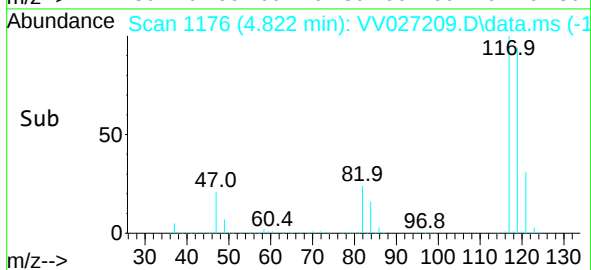
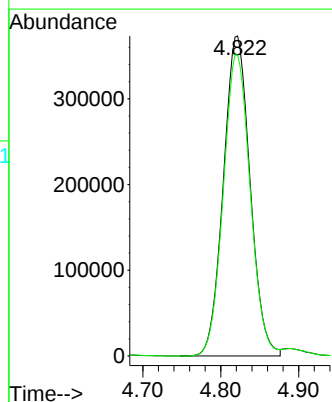
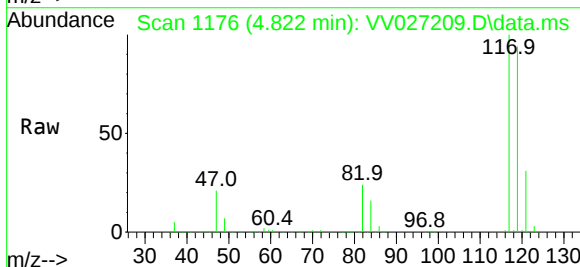
Instrument :
MSVOA_V
ClientSampleId :
VSTD200256

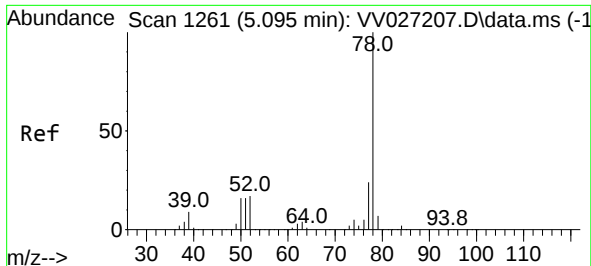
Tgt Ion: 97 Resp: 1011002
Ion Ratio Lower Upper
97 100
99 63.8 51.4 77.2
61 45.1 32.1 48.1



#31
Carbon tetrachloride
Concen: 198.067 ug/L
RT: 4.822 min Scan# 1176
Delta R.T. -0.003 min
Lab File: VV027209.D
Acq: 04 Aug 2022 12:58

Tgt Ion: 117 Resp: 887651
Ion Ratio Lower Upper
117 100
119 95.0 77.0 115.6

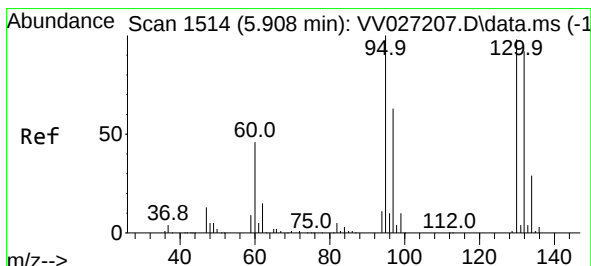
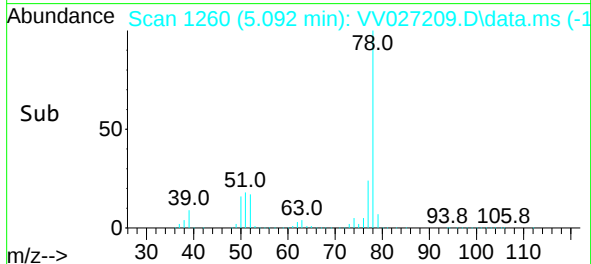
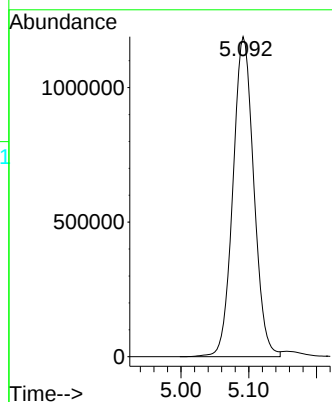
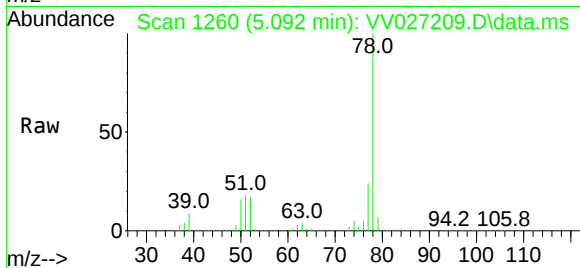




#33
Benzene
Concen: 202.934 ug/L
RT: 5.092 min Scan# 1261
Delta R.T. -0.003 min
Lab File: VV027209.D
Acq: 04 Aug 2022 12:58

Instrument :
MSVOA_V
ClientSampleId :
VSTD200256

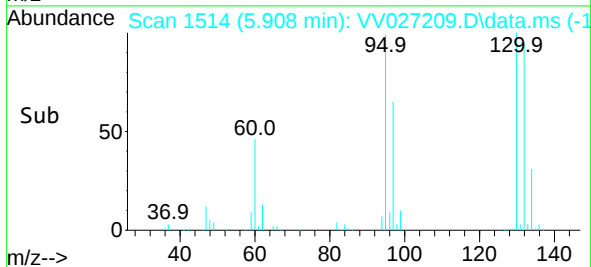
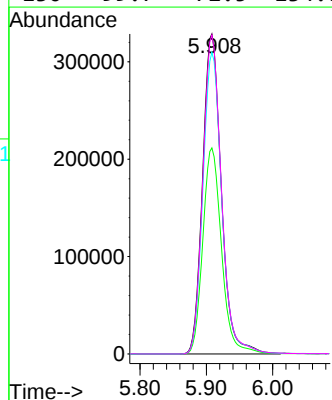
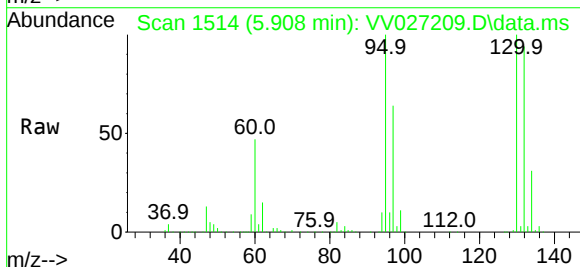
Tgt Ion: 78 Resp: 2539727

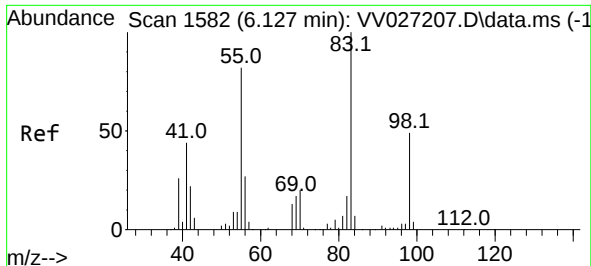


#34
Trichloroethene
Concen: 201.588 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VV027209.D
Acq: 04 Aug 2022 12:58

Tgt Ion: 95 Resp: 645986

Ion	Ratio	Lower	Upper
95	100		
97	64.4	45.9	85.3
132	94.3	69.8	129.6
130	99.7	72.5	134.7





#35

Methylcyclohexane

Concen: 232.512 ug/L

RT: 6.127 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV027209.D

Acq: 04 Aug 2022 12:58

Instrument :

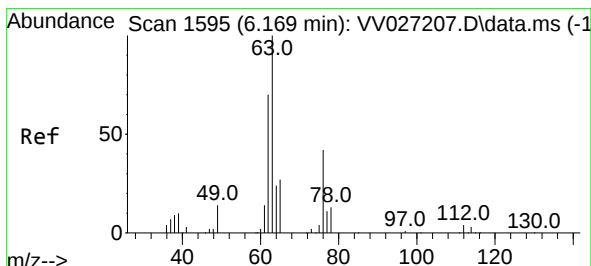
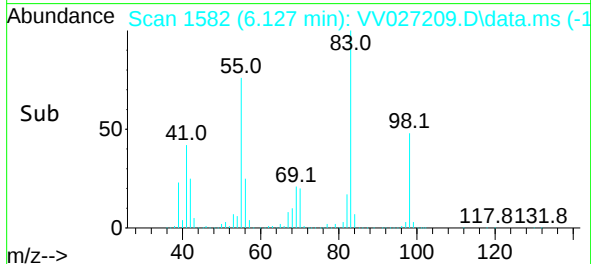
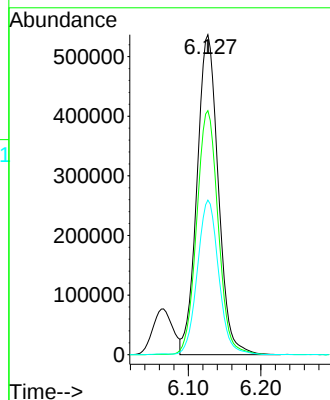
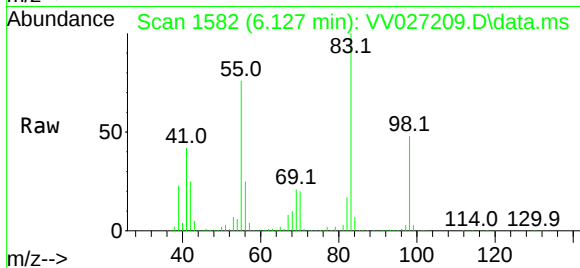
MSVOA_V

ClientSampleId :

VSTD200256

Tgt Ion: 83 Resp: 1095595

Ion	Ratio	Lower	Upper
83	100		
55	76.8	55.5	83.3
98	48.4	39.0	58.4



#37

1,2-Dichloropropane

Concen: 199.789 ug/L

RT: 6.169 min Scan# 1595

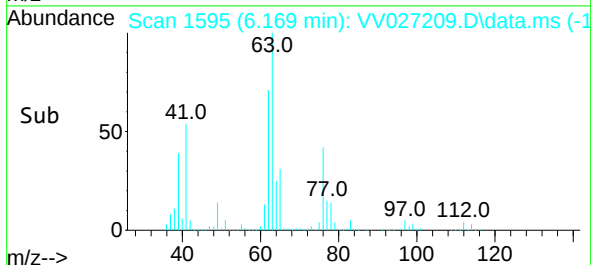
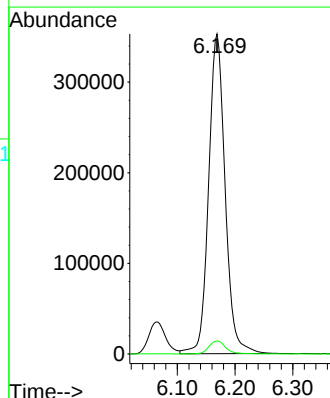
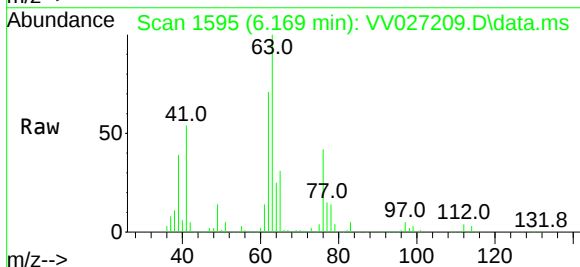
Delta R.T. -0.000 min

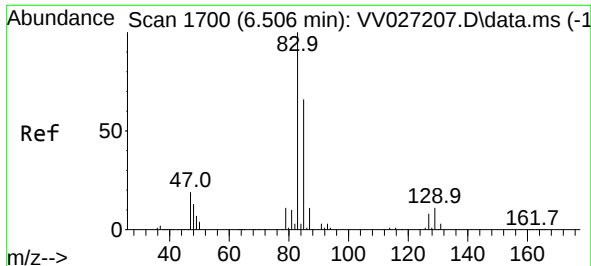
Lab File: VV027209.D

Acq: 04 Aug 2022 12:58

Tgt Ion: 63 Resp: 700485

Ion	Ratio	Lower	Upper
63	100		
112	4.2	3.7	5.5

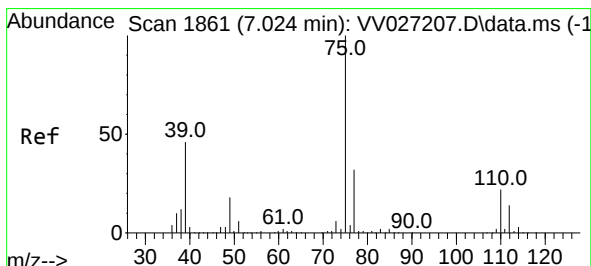
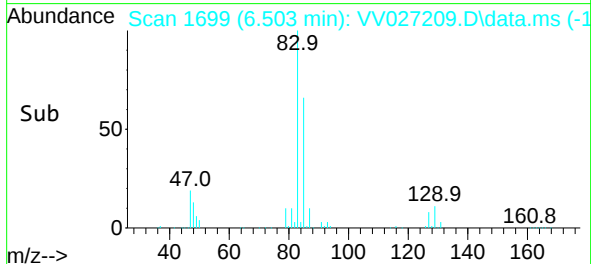
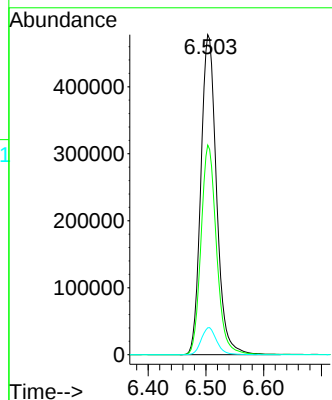
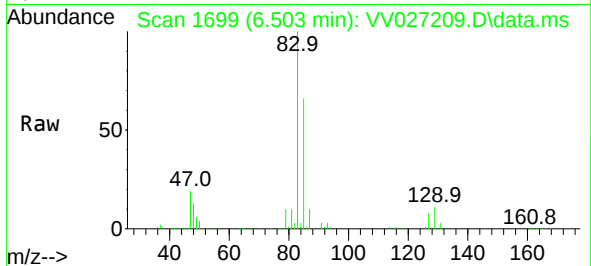




#38
Bromodichloromethane
Concen: 195.580 ug/L
RT: 6.503 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV027209.D
Acq: 04 Aug 2022 12:58

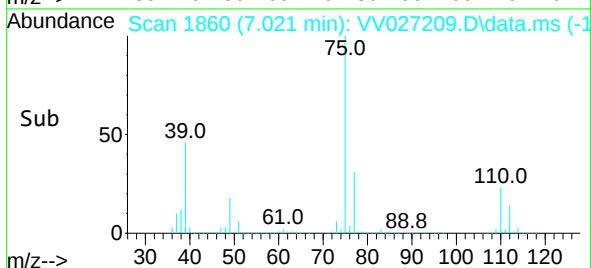
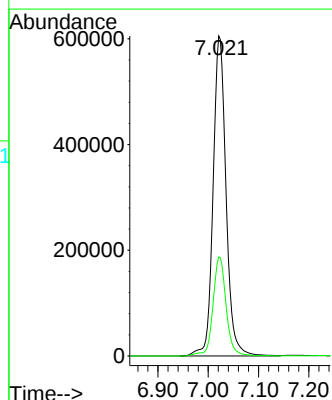
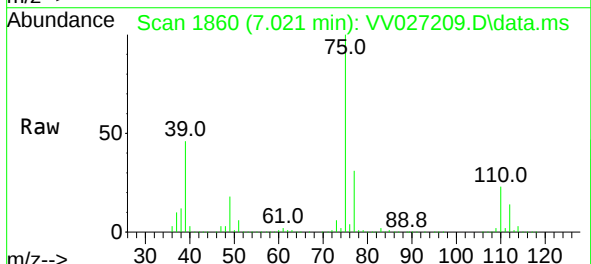
Instrument :
MSVOA_V
ClientSampleId :
VSTD200256

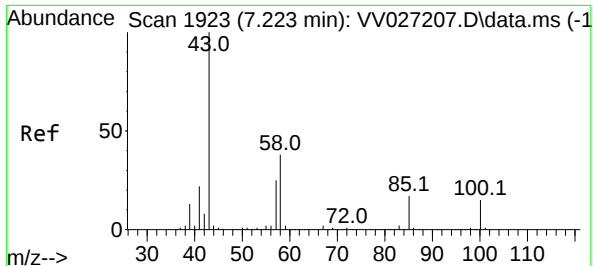
Tgt Ion: 83 Resp: 898484
Ion Ratio Lower Upper
83 100
85 65.5 45.5 84.5
127 8.4 7.0 10.6



#39
cis-1,3-Dichloropropene
Concen: 233.404 ug/L
RT: 7.021 min Scan# 1860
Delta R.T. -0.003 min
Lab File: VV027209.D
Acq: 04 Aug 2022 12:58

Tgt Ion: 75 Resp: 1083983
Ion Ratio Lower Upper
75 100
77 31.0 22.5 41.7





#40

4-Methyl-2-pentanone

Concen: 440.035 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.000 min

Lab File: VV027209.D

Acq: 04 Aug 2022 12:58

Instrument :

MSVOA_V

ClientSampleId :

VSTD200256

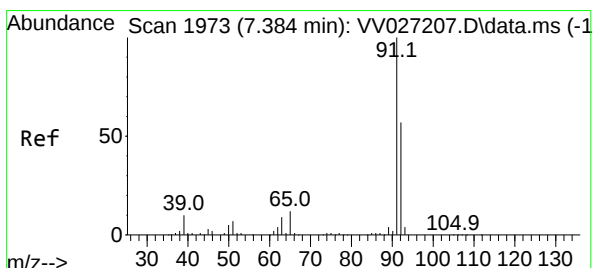
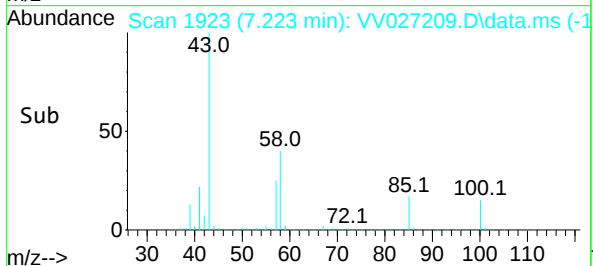
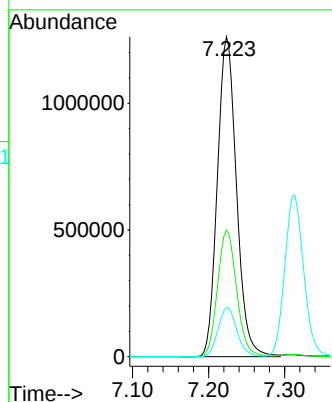
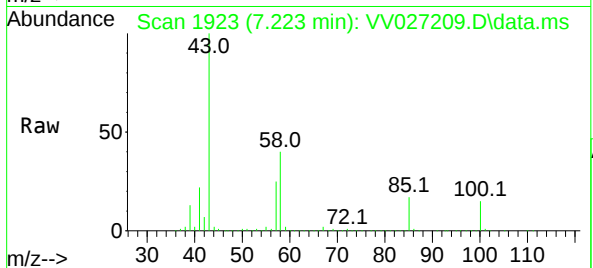
Tgt Ion: 43 Resp: 2200962

Ion Ratio Lower Upper

43 100

58 39.5 35.3 52.9

100 15.2 15.7 23.5#



#42

Toluene

Concen: 213.199 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. -0.000 min

Lab File: VV027209.D

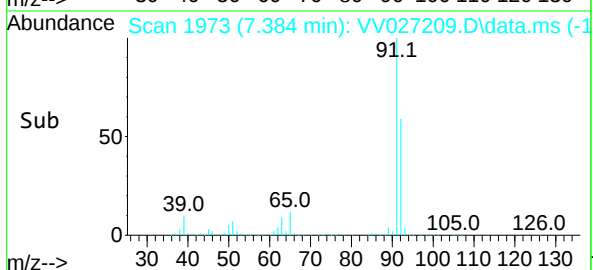
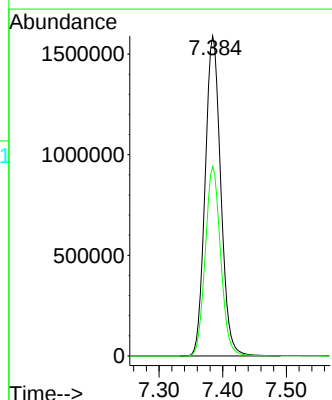
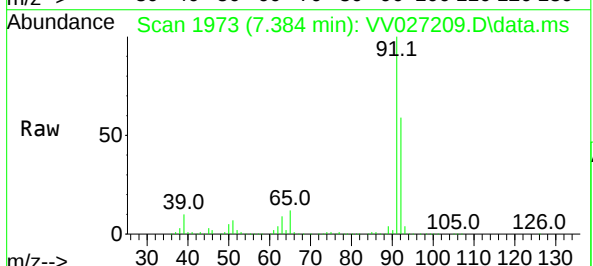
Acq: 04 Aug 2022 12:58

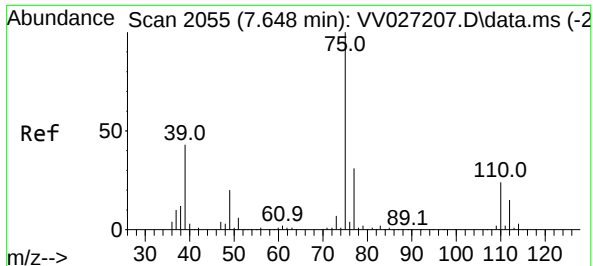
Tgt Ion: 91 Resp: 2712862

Ion Ratio Lower Upper

91 100

92 59.2 40.9 76.0

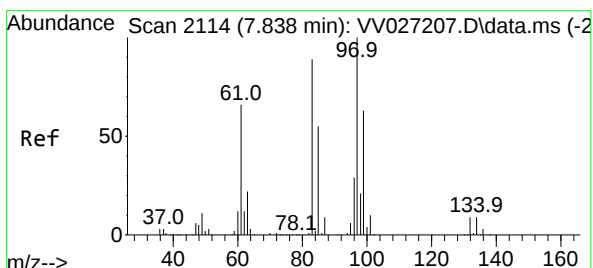
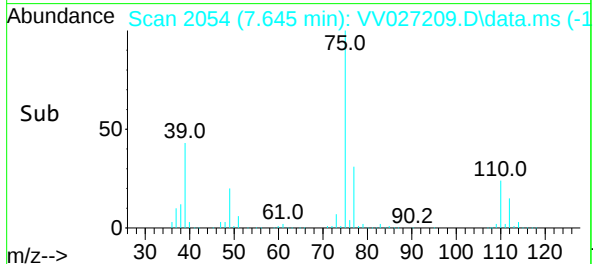
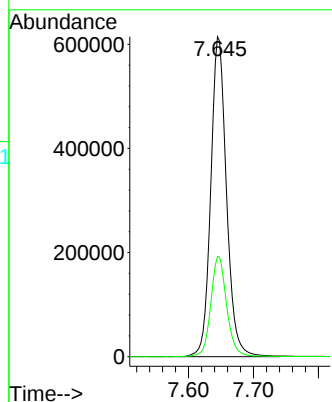
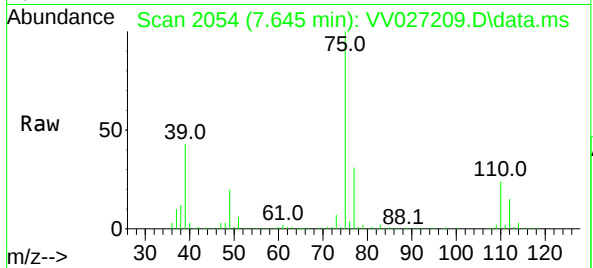




#44
trans-1,3-Dichloropropene
Concen: 226.564 ug/L
RT: 7.645 min Scan# 2055
Delta R.T. -0.003 min
Lab File: VV027209.D
Acq: 04 Aug 2022 12:58

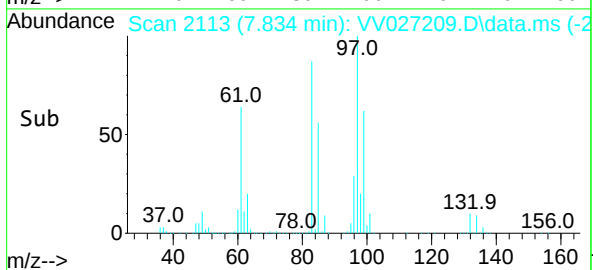
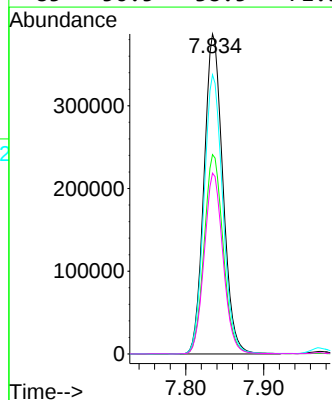
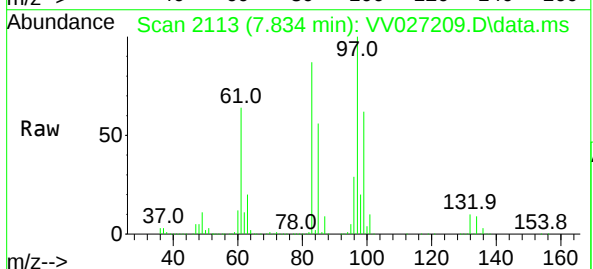
Instrument :
MSVOA_V
ClientSampleId :
VSTD200256

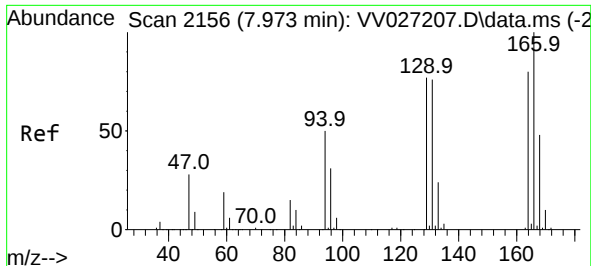
Tgt Ion: 75 Resp: 1034032
Ion Ratio Lower Upper
75 100
77 31.3 22.0 41.0



#45
1,1,2-Trichloroethane
Concen: 192.570 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. -0.003 min
Lab File: VV027209.D
Acq: 04 Aug 2022 12:58

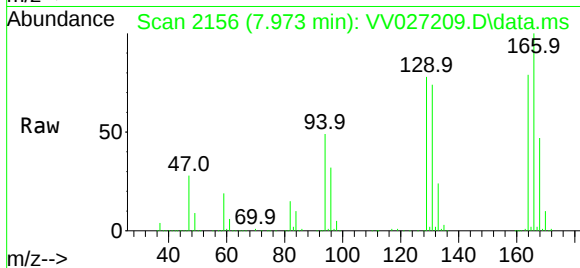
Tgt Ion: 97 Resp: 650737
Ion Ratio Lower Upper
97 100
99 62.3 43.2 80.2
83 87.2 58.0 107.6
85 56.5 38.5 71.5



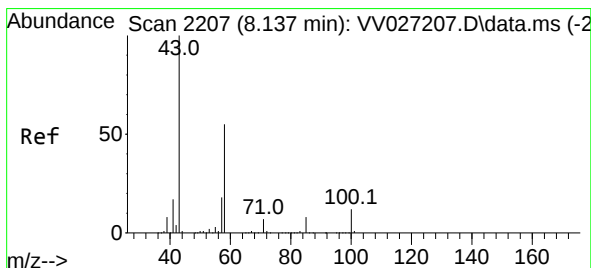
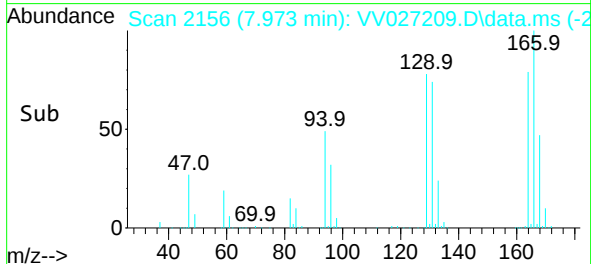
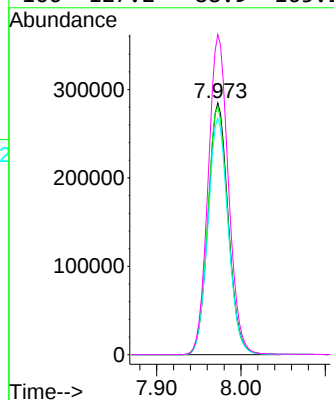


#46
Tetrachloroethene
Concen: 202.995 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. -0.000 min
Lab File: VV027209.D
Acq: 04 Aug 2022 12:58

Instrument :
MSVOA_V
ClientSampleId :
VSTD200256

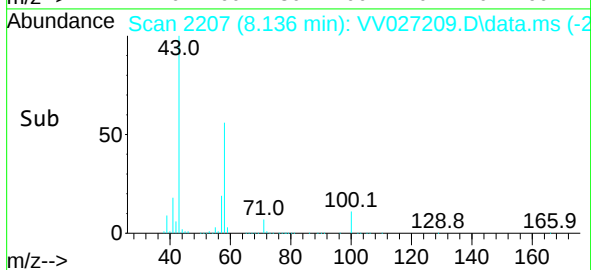
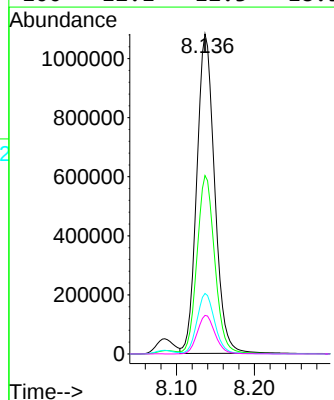
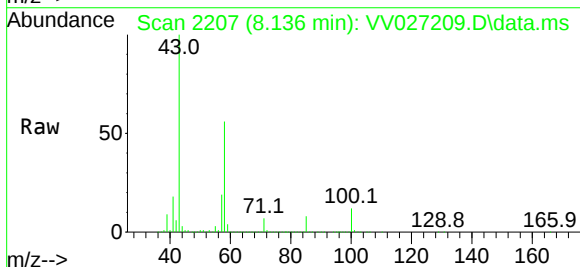


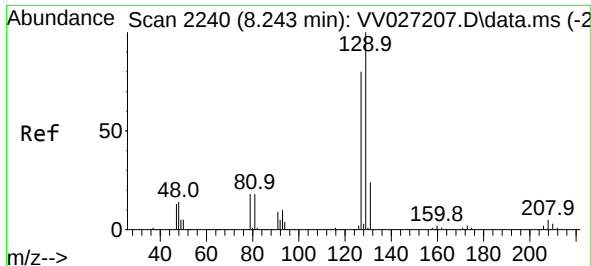
Tgt Ion:164 Resp: 476107
Ion Ratio Lower Upper
164 100
129 98.6 67.5 125.4
131 94.0 64.3 119.3
166 127.2 88.9 165.1



#48
2-Hexanone
Concen: 431.126 ug/L
RT: 8.136 min Scan# 2207
Delta R.T. -0.000 min
Lab File: VV027209.D
Acq: 04 Aug 2022 12:58

Tgt Ion: 43 Resp: 1717440
Ion Ratio Lower Upper
43 100
58 55.6 50.8 76.2
57 18.8 17.1 25.7
100 12.1 12.3 18.5#

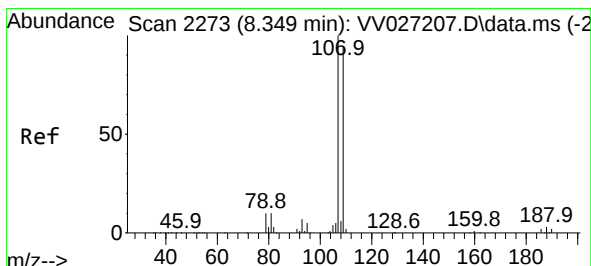
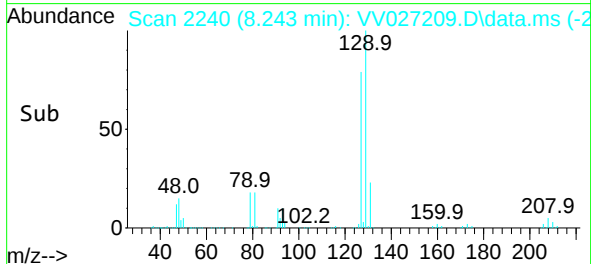
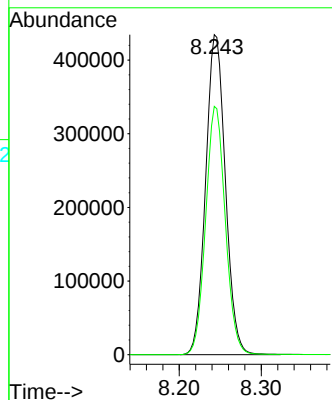
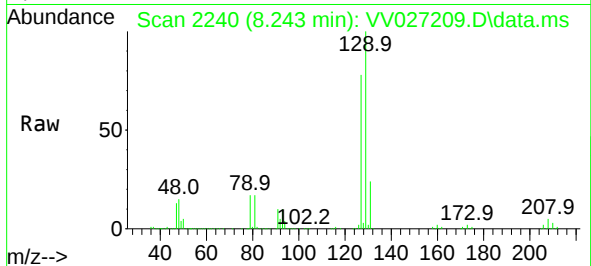




#49
Dibromochloromethane
Concen: 203.084 ug/L
RT: 8.243 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV027209.D
Acq: 04 Aug 2022 12:58

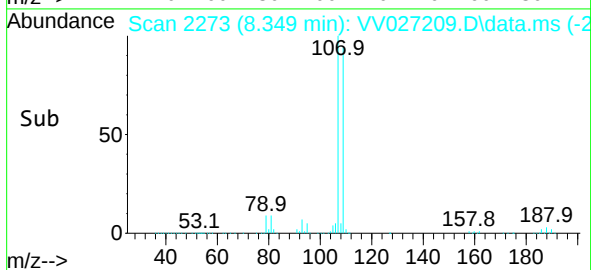
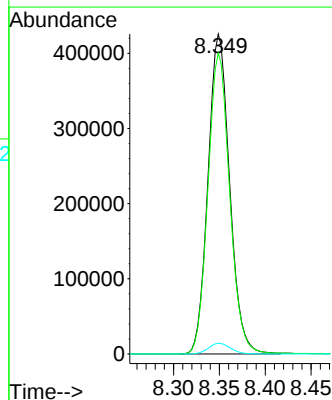
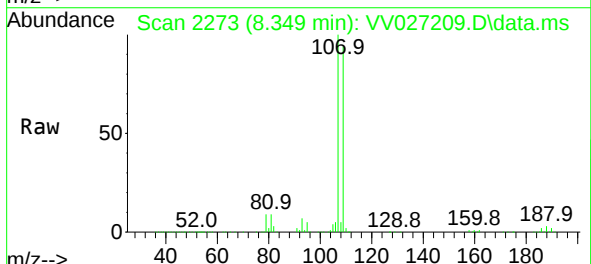
Instrument :
MSVOA_V
ClientSampleId :
VSTD200256

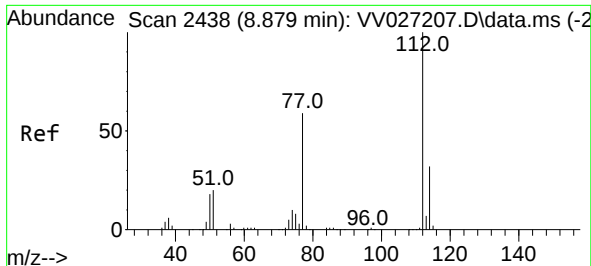
Tgt Ion:129 Resp: 725437
Ion Ratio Lower Upper
129 100
127 77.6 53.3 98.9



#50
1,2-Dibromoethane
Concen: 200.818 ug/L
RT: 8.349 min Scan# 2273
Delta R.T. -0.000 min
Lab File: VV027209.D
Acq: 04 Aug 2022 12:58

Tgt Ion:107 Resp: 698264
Ion Ratio Lower Upper
107 100
109 94.1 65.7 121.9
188 3.3 2.7 4.1

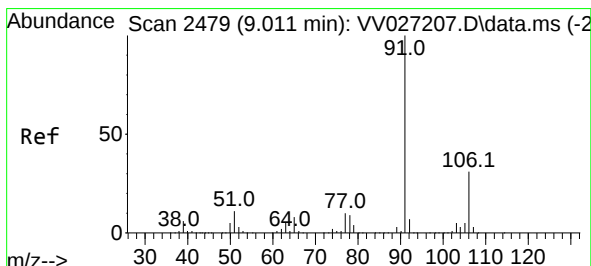
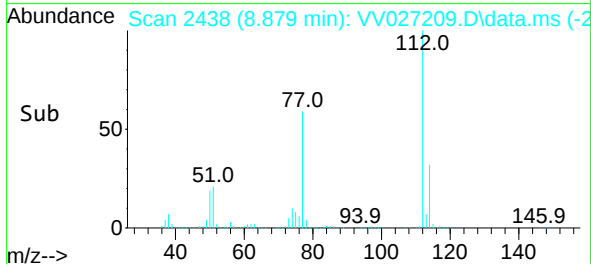
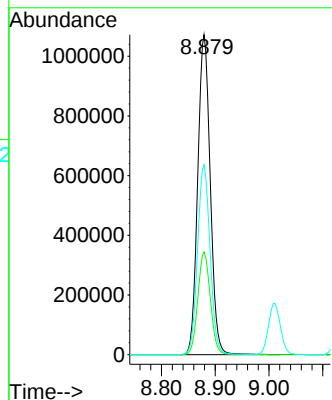
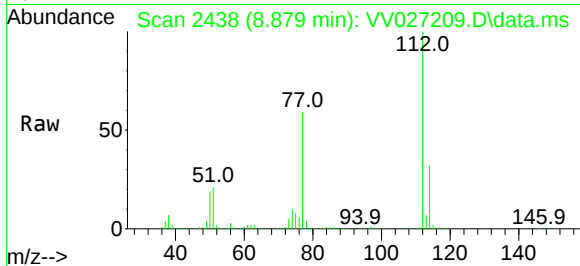




#51
Chlorobenzene
Concen: 203.033 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. -0.000 min
Lab File: VV027209.D
Acq: 04 Aug 2022 12:58

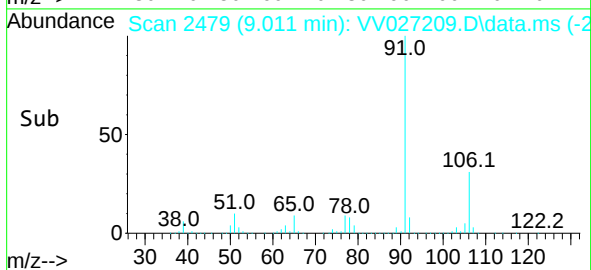
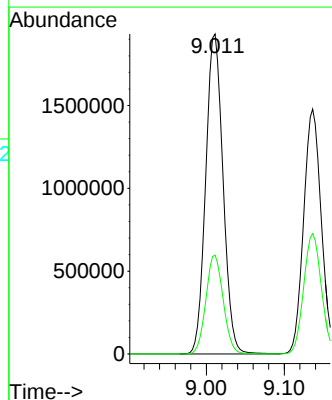
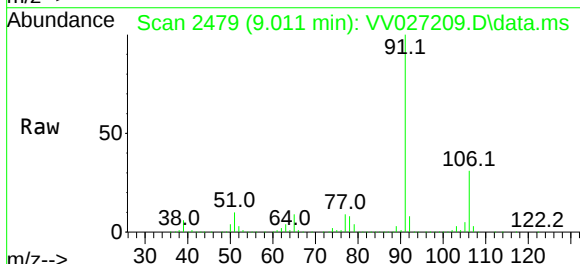
Instrument :
MSVOA_V
ClientSampleId :
VSTD200256

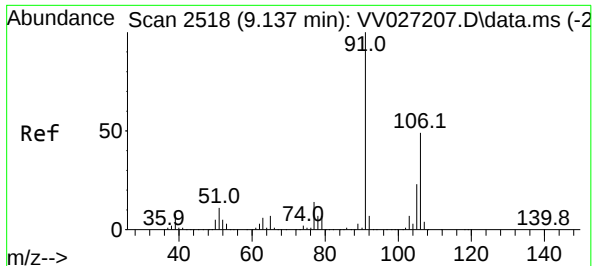
Tgt Ion:112 Resp: 1732880
Ion Ratio Lower Upper
112 100
114 32.1 22.8 42.4
77 59.4 44.2 66.2



#52
Ethylbenzene
Concen: 227.313 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.000 min
Lab File: VV027209.D
Acq: 04 Aug 2022 12:58

Tgt Ion: 91 Resp: 2984609
Ion Ratio Lower Upper
91 100
106 30.9 21.8 40.6





#53

m,p-Xylene

Concen: 232.252 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. -0.000 min

Lab File: VV027209.D

Acq: 04 Aug 2022 12:58

Instrument :

MSVOA_V

ClientSampleId :

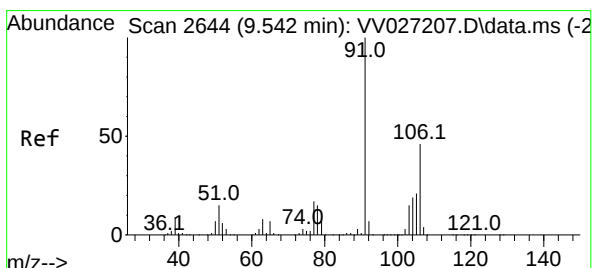
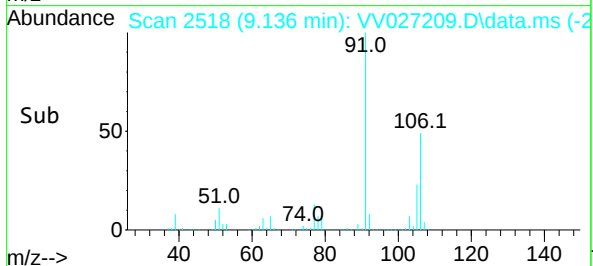
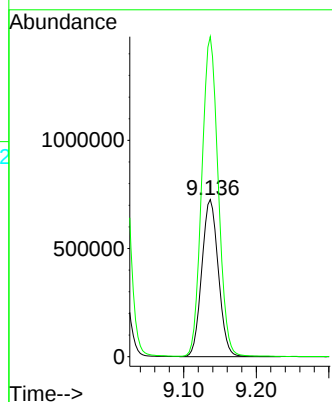
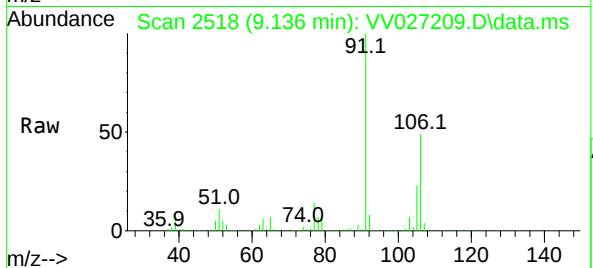
VSTD200256

Tgt Ion:106 Resp: 1152482

Ion Ratio Lower Upper

106 100

91 203.7 137.5 255.3



#54

o-Xylene

Concen: 232.847 ug/L

RT: 9.542 min Scan# 2644

Delta R.T. -0.000 min

Lab File: VV027209.D

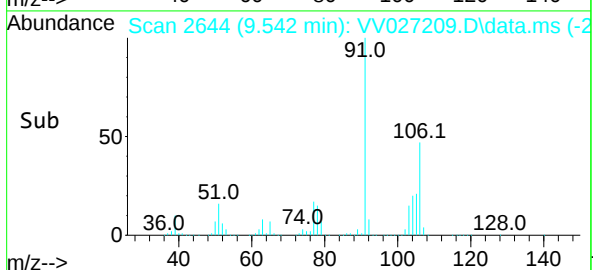
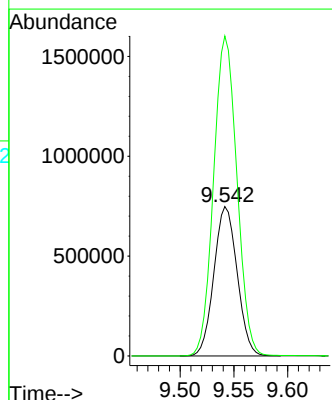
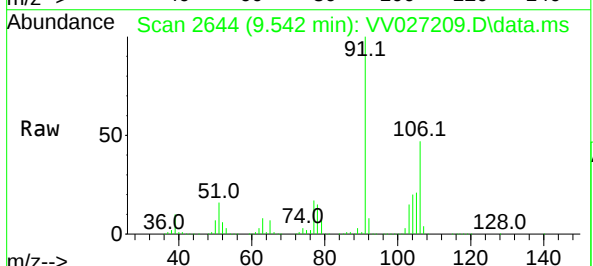
Acq: 04 Aug 2022 12:58

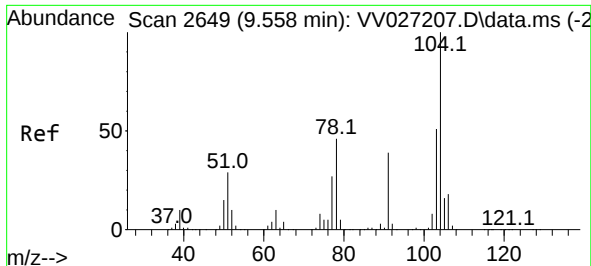
Tgt Ion:106 Resp: 1125671

Ion Ratio Lower Upper

106 100

91 214.0 146.6 272.2

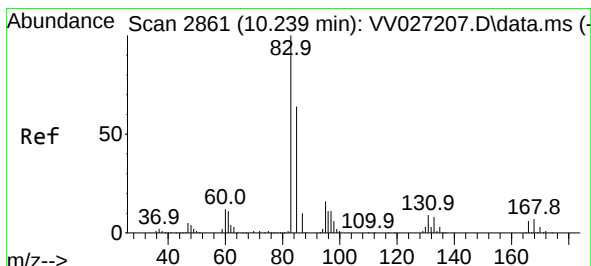
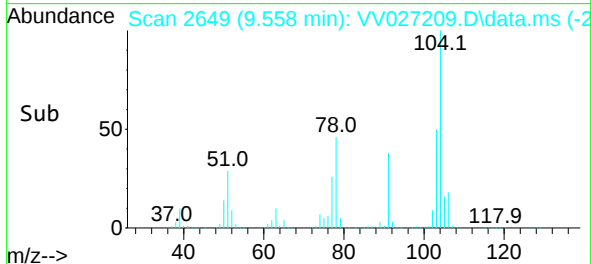
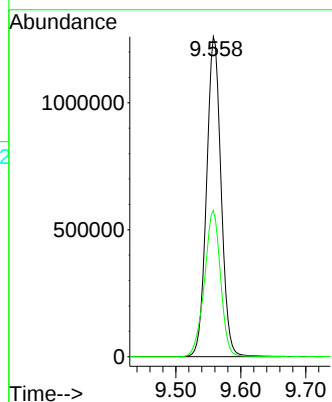
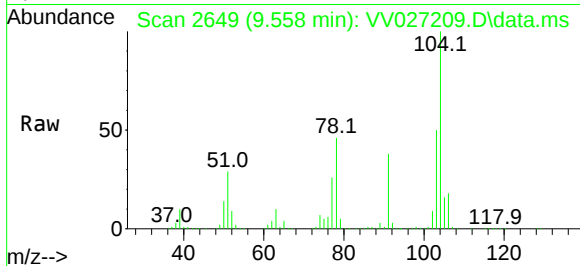




#55
Styrene
Concen: 230.388 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV027209.D
Acq: 04 Aug 2022 12:58

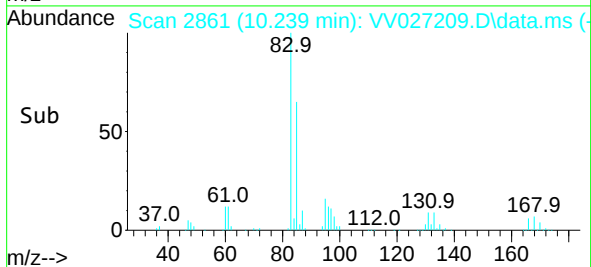
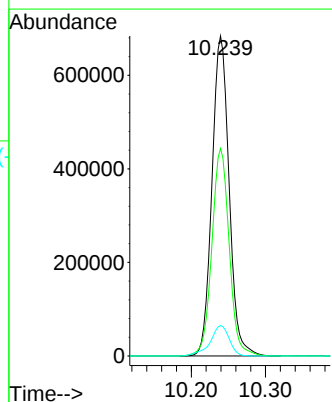
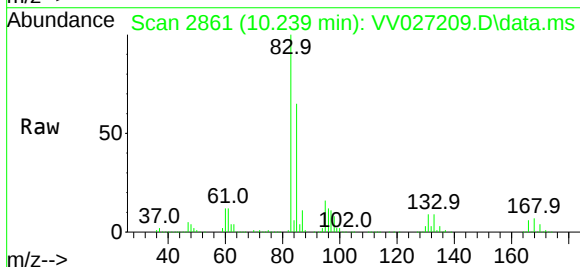
Instrument :
MSVOA_V
ClientSampleId :
VSTD200256

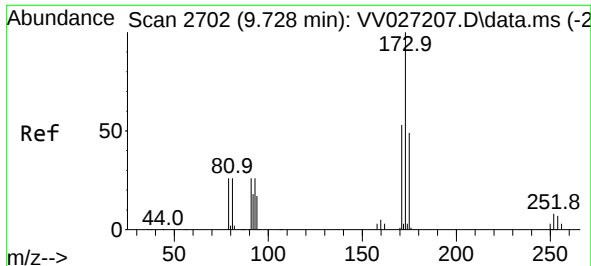
Tgt Ion:104 Resp: 1962037
Ion Ratio Lower Upper
104 100
78 45.7 29.6 55.0



#57
1,1,2,2-Tetrachloroethane
Concen: 192.942 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. -0.000 min
Lab File: VV027209.D
Acq: 04 Aug 2022 12:58

Tgt Ion: 83 Resp: 1092264
Ion Ratio Lower Upper
83 100
85 64.9 45.2 84.0
131 9.5 8.1 12.1

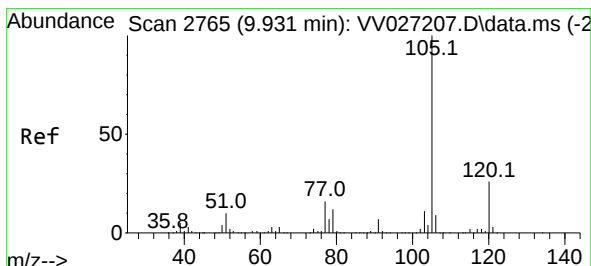
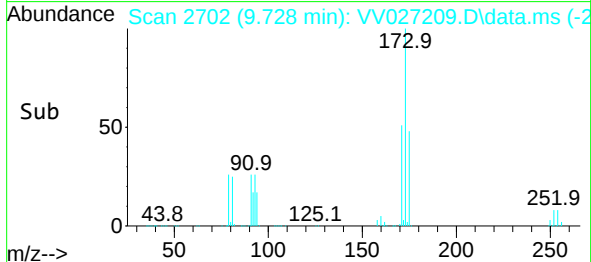
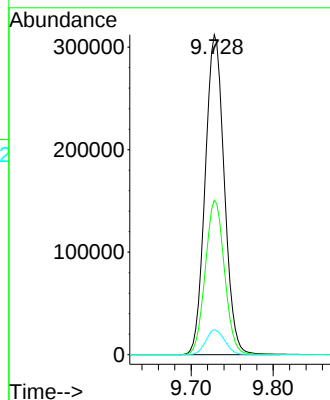
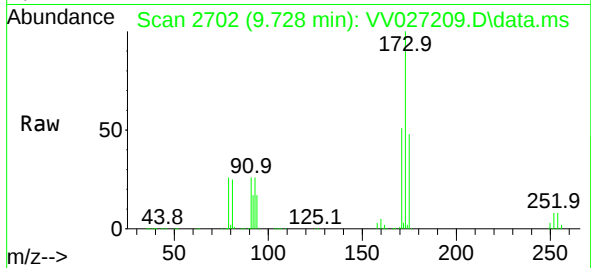




#59
Bromoform
Concen: 202.146 ug/L
RT: 9.728 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV027209.D
Acq: 04 Aug 2022 12:58

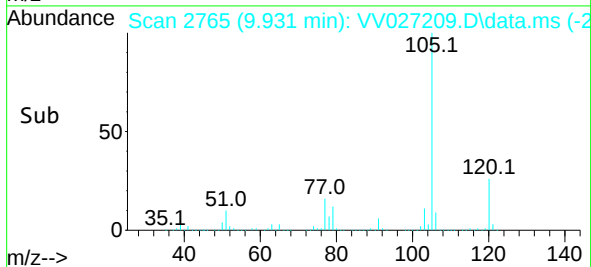
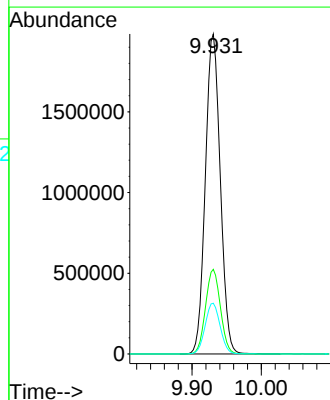
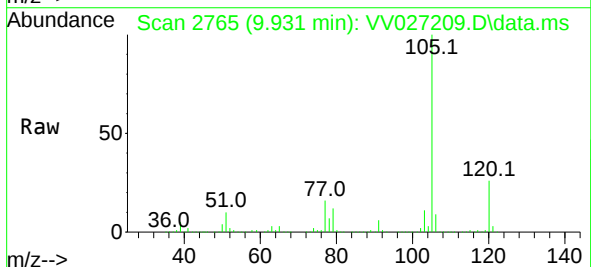
Instrument :
MSVOA_V
ClientSampleId :
VSTD200256

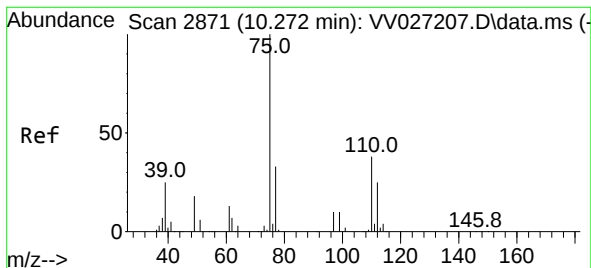
Tgt Ion:173 Resp: 505234
Ion Ratio Lower Upper
173 100
175 48.4 39.0 58.4
254 7.8 6.9 10.3



#60
Isopropylbenzene
Concen: 222.946 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV027209.D
Acq: 04 Aug 2022 12:58

Tgt Ion:105 Resp: 2955604
Ion Ratio Lower Upper
105 100
120 26.4 21.4 32.0
77 15.9 11.8 17.6





#61

1,2,3-Trichloropropane

Concen: 181.667 ug/L

RT: 10.271 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV027209.D

Acq: 04 Aug 2022 12:58

Instrument :

MSVOA_V

ClientSampleId :

VSTD200256

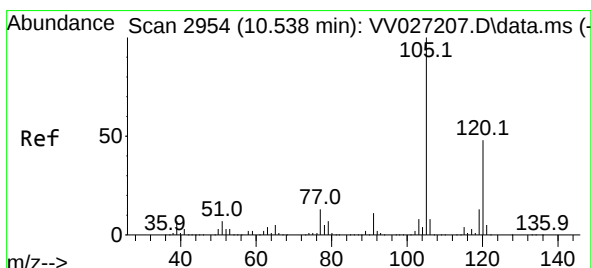
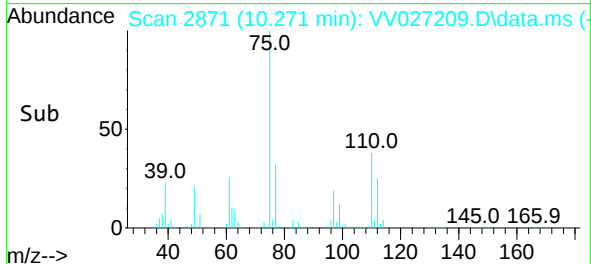
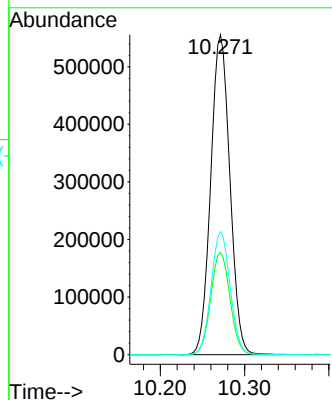
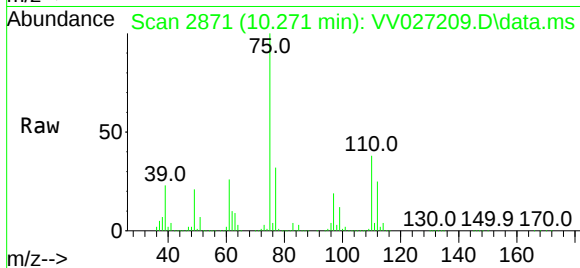
Tgt Ion: 75 Resp: 877356

Ion Ratio Lower Upper

75 100

77 32.2 25.8 38.8

110 38.2 32.7 49.1



#62

1,3,5-Trimethylbenzene

Concen: 234.378 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. -0.000 min

Lab File: VV027209.D

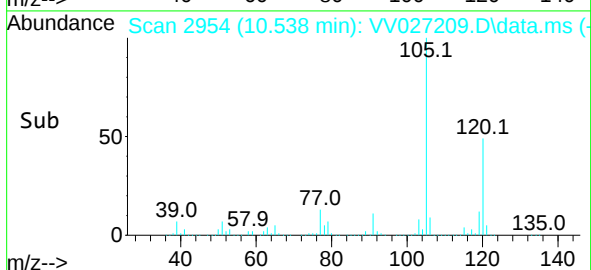
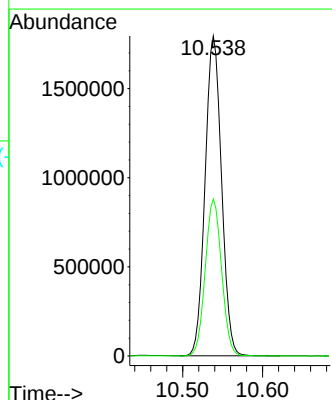
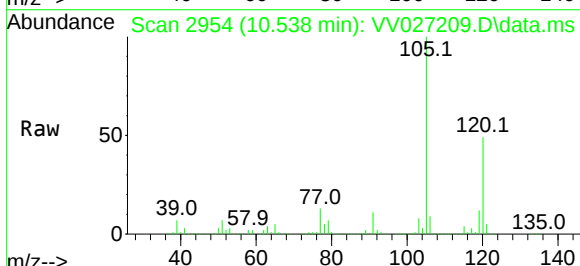
Acq: 04 Aug 2022 12:58

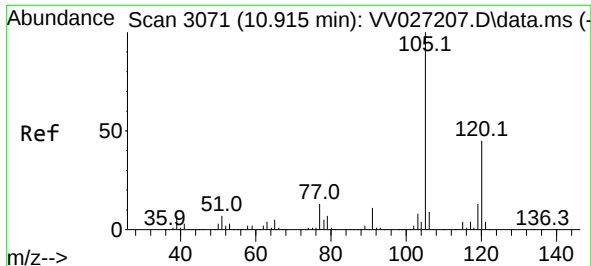
Tgt Ion: 105 Resp: 2565995

Ion Ratio Lower Upper

105 100

120 48.8 39.3 58.9

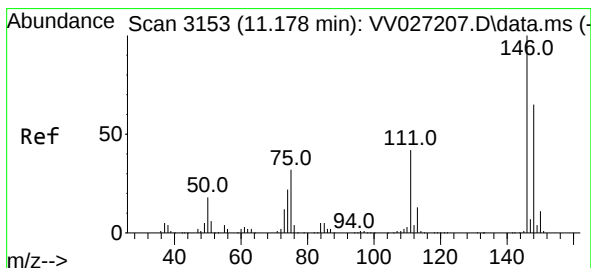
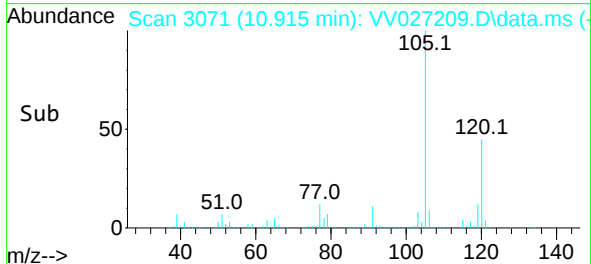
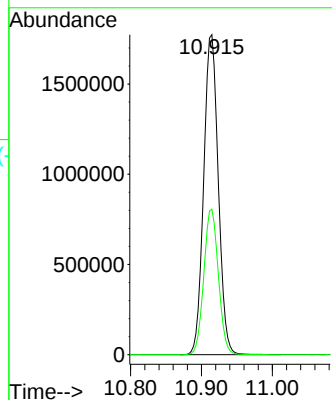
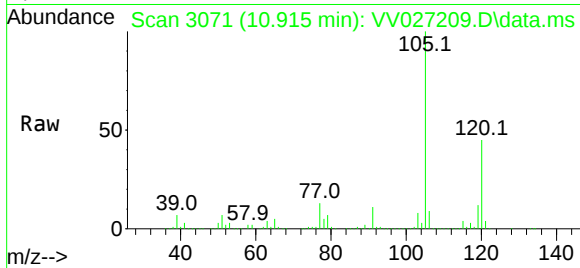




#63
 1,2,4-Trimethylbenzene
 Concen: 236.335 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. -0.000 min
 Lab File: VV027209.D
 Acq: 04 Aug 2022 12:58

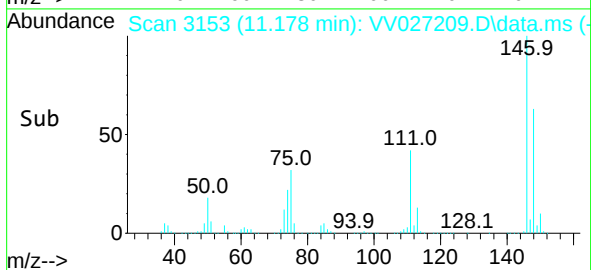
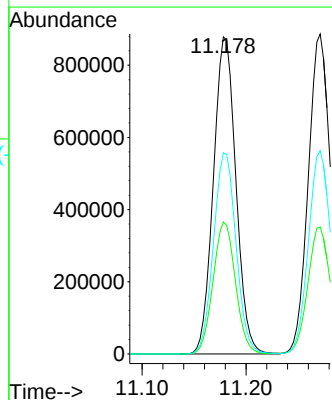
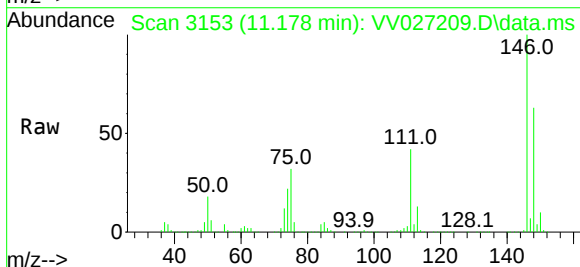
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200256

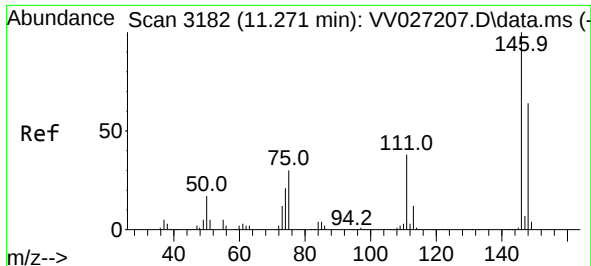
Tgt Ion:105 Resp: 2534709
 Ion Ratio Lower Upper
 105 100
 120 45.4 37.0 55.6



#64
 1,3-Dichlorobenzene
 Concen: 206.058 ug/L
 RT: 11.178 min Scan# 3153
 Delta R.T. -0.000 min
 Lab File: VV027209.D
 Acq: 04 Aug 2022 12:58

Tgt Ion:146 Resp: 1323971
 Ion Ratio Lower Upper
 146 100
 111 41.6 28.4 52.8
 148 63.4 44.7 82.9

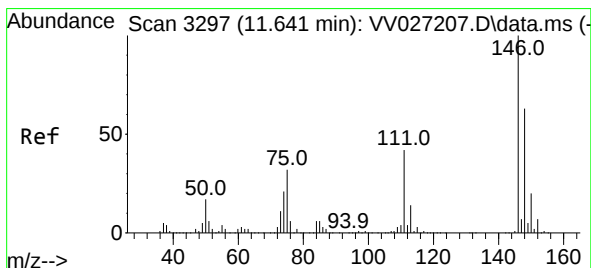
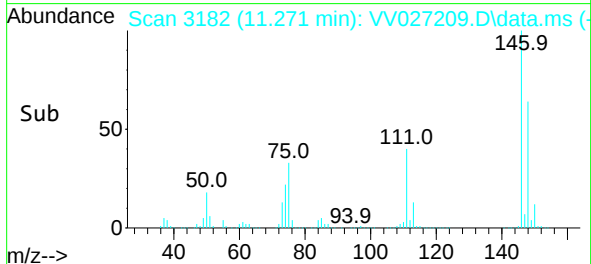
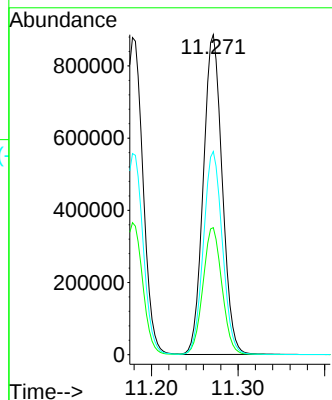
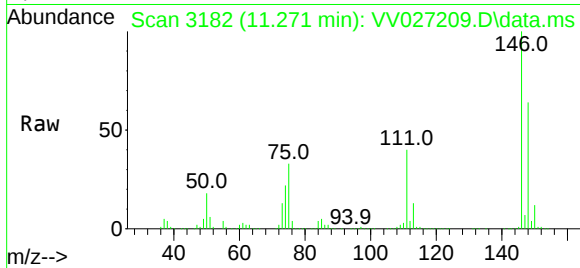




#65
1,4-Dichlorobenzene
Concen: 198.478 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV027209.D
Acq: 04 Aug 2022 12:58

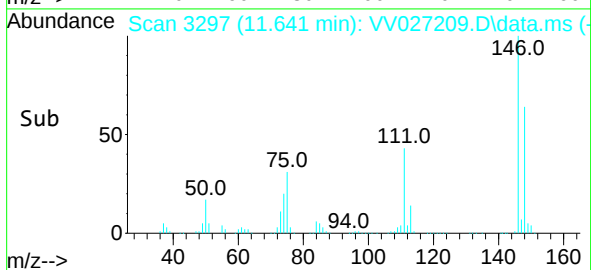
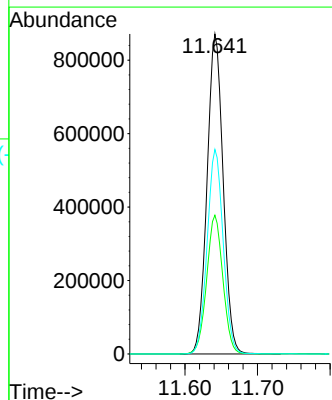
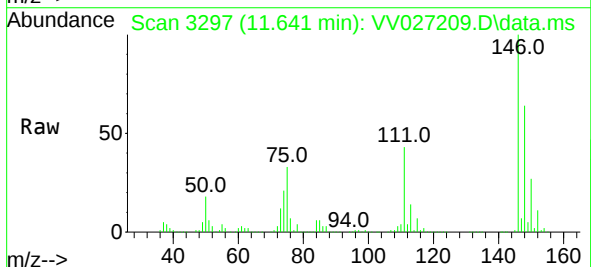
Instrument :
MSVOA_V
ClientSampleId :
VSTD200256

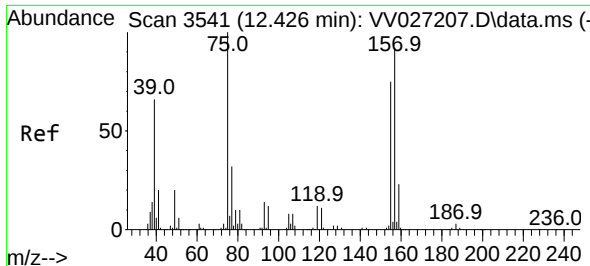
Tgt Ion:146 Resp: 1342100
Ion Ratio Lower Upper
146 100
111 39.7 27.4 51.0
148 63.5 44.6 82.8



#67
1,2-Dichlorobenzene
Concen: 199.041 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.000 min
Lab File: VV027209.D
Acq: 04 Aug 2022 12:58

Tgt Ion:146 Resp: 1339982
Ion Ratio Lower Upper
146 100
111 43.3 34.0 51.0
148 63.9 50.5 75.7

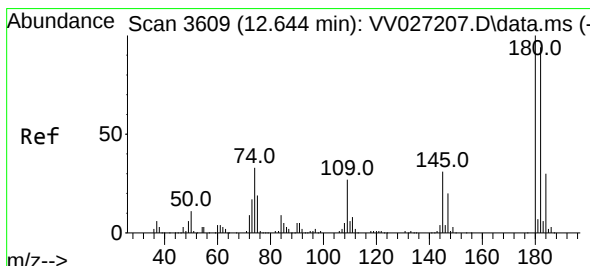
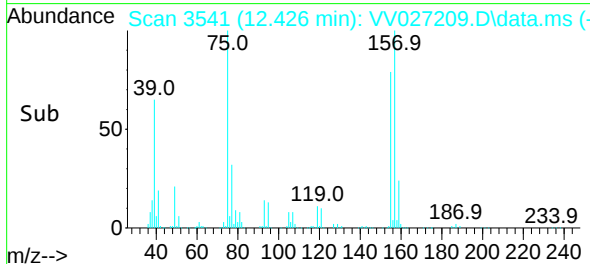
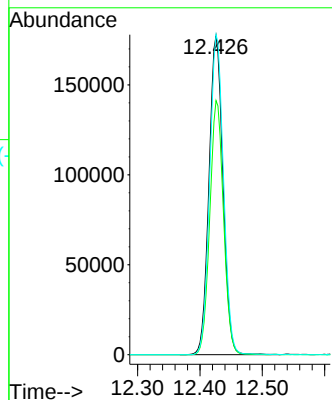
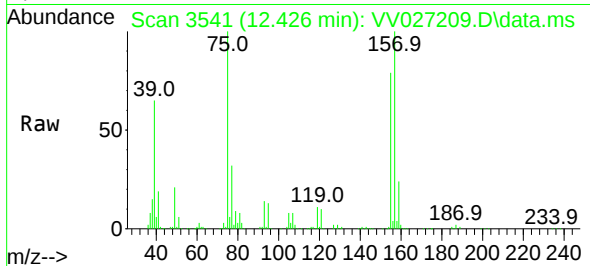




#68
1,2-Dibromo-3-chloropropane
Concen: 204.086 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.000 min
Lab File: VV027209.D
Acq: 04 Aug 2022 12:58

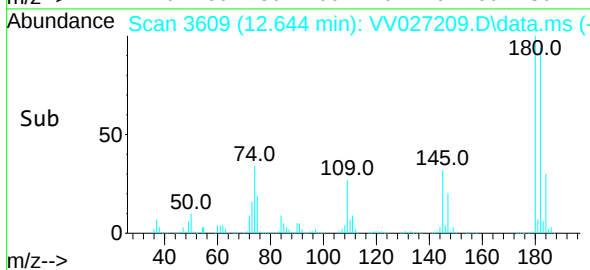
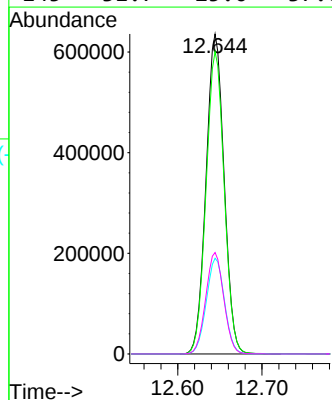
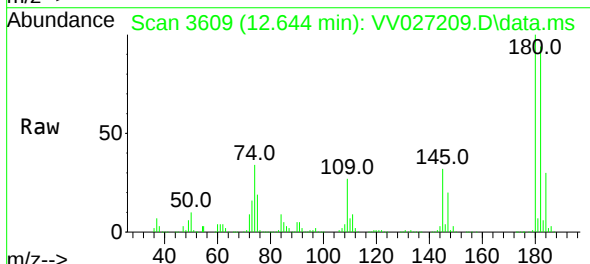
Instrument :
MSVOA_V
ClientSampleId :
VSTD200256

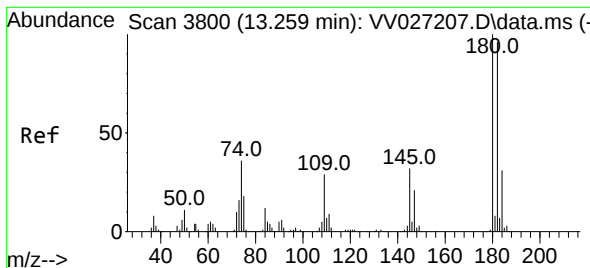
Tgt Ion: 75 Resp: 276517
Ion Ratio Lower Upper
75 100
155 79.7 69.1 103.7
157 100.4 87.8 131.8



#69
1,3,5-Trichlorobenzene
Concen: 220.092 ug/L
RT: 12.644 min Scan# 3609
Delta R.T. -0.000 min
Lab File: VV027209.D
Acq: 04 Aug 2022 12:58

Tgt Ion: 180 Resp: 949811
Ion Ratio Lower Upper
180 100
182 94.6 76.2 114.4
184 30.1 24.8 37.2
145 31.7 25.0 37.6





#70

1,2,4-trichlorobenzene

Concen: 245.172 ug/L

RT: 13.258 min Scan# 3800

Delta R.T. -0.000 min

Lab File: VV027209.D

Acq: 04 Aug 2022 12:58

Instrument :

MSVOA_V

ClientSampleId :

VSTD200256

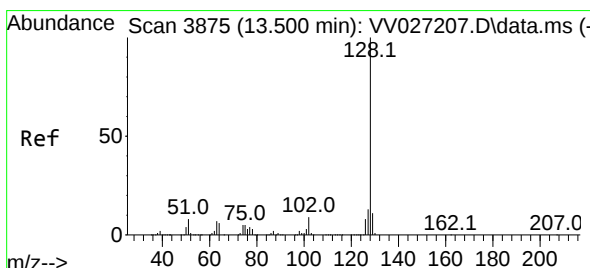
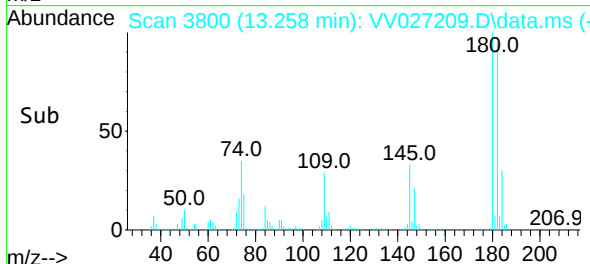
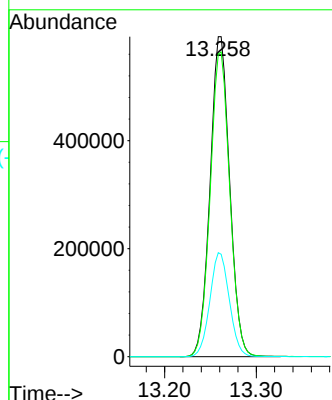
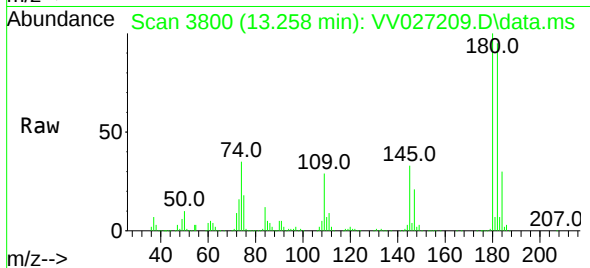
Tgt Ion:180 Resp: 878761

Ion Ratio Lower Upper

180 100

182 95.1 75.9 113.9

145 32.3 24.7 37.1



#71

Naphthalene

Concen: 266.219 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. -0.000 min

Lab File: VV027209.D

Acq: 04 Aug 2022 12:58

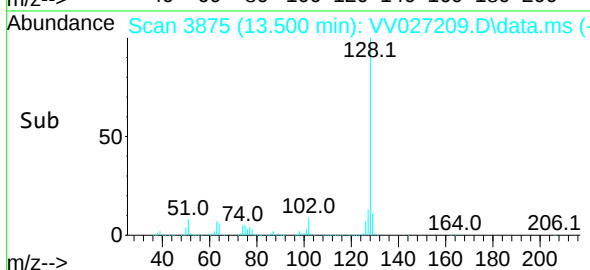
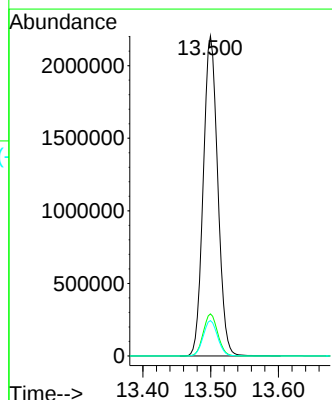
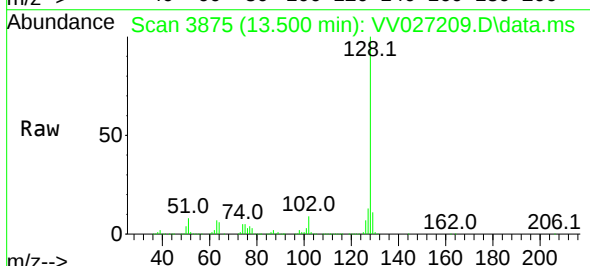
Tgt Ion:128 Resp: 3267336

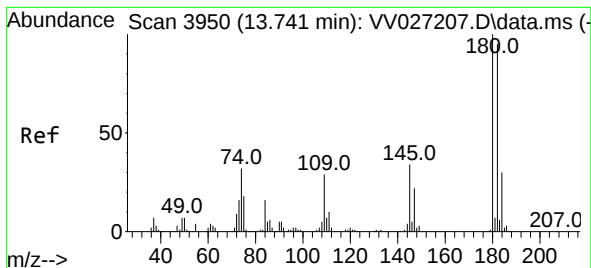
Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 11.0 8.6 13.0





#72

1,2,3-Trichlorobenzene

Concen: 233.913 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. -0.000 min

Lab File: VV027209.D

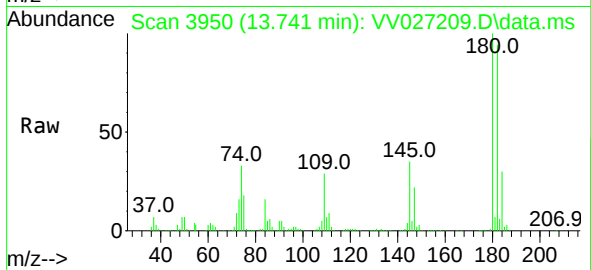
Acq: 04 Aug 2022 12:58

Instrument :

MSVOA_V

ClientSampleId :

VSTD200256



Tgt Ion:180 Resp: 929293

Ion Ratio Lower Upper

180 100

182 95.0 76.3 114.5

145 34.4 27.4 41.0

