

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081921\
 Data File : VV021901.D
 Acq On : 19 Aug 2021 20:01
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050310

Quant Time: Aug 20 02:20:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 20 02:14:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	451285	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	422396	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	219905	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	141956	40.237	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.480%
7) Chloroethane-d5	1.558	69	112558	42.278	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.560%
11) 1,1-Dichloroethene-d2	2.105	63	230299	41.009	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.020%
21) 2-Butanone-d5	3.873	46	225408	102.730	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.730%
24) Chloroform-d	4.349	84	276841	45.292	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.580%
26) 1,2-Dichloroethane-d4	5.034	65	160072	45.528	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.060%
32) Benzene-d6	5.050	84	547888	45.106	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.220%
36) 1,2-Dichloropropane-d6	6.069	67	172101	45.498	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.000%
41) Toluene-d8	7.317	98	507162	45.174	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.340%
43) trans-1,3-Dichloroprop...	7.622	79	79843	42.890	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.780%
47) 2-Hexanone-d5	8.088	63	143930	116.097	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.100%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	245467	52.367	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.740%
66) 1,2-Dichlorobenzene-d4	11.625	152	208462	45.806	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.620%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	143476	41.095	ug/L	100
3) Chloromethane	1.240	50	152894	42.168	ug/L	99
5) Vinyl chloride	1.307	62	153329	42.945	ug/L	99
6) Bromomethane	1.507	94	94759	44.157	ug/L	95
8) Chloroethane	1.574	64	93602	43.872	ug/L	100
9) Trichlorofluoromethane	1.748	101	215979	44.151	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	117806	42.062	ug/L	99
12) 1,1-Dichloroethene	2.114	96	117023	43.867	ug/L	95
13) Acetone	2.159	43	120451	66.716	ug/L #	100
14) Carbon disulfide	2.288	76	381426	42.494	ug/L	100
15) Methyl Acetate	2.426	43	166585	50.225	ug/L	96
16) Methylene chloride	2.503	84	158784	42.792	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	146211	46.708	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	457949	47.569	ug/L	99
19) 1,1-Dichloroethane	3.188	63	256467	46.026	ug/L	98
20) cis-1,2-Dichloroethene	3.912	96	160872	44.380	ug/L	98
22) 2-Butanone	3.960	43	223696	85.078	ug/L	95
23) Bromochloromethane	4.246	128	84283	43.825	ug/L	96
25) Chloroform	4.378	83	261080	43.544	ug/L	96

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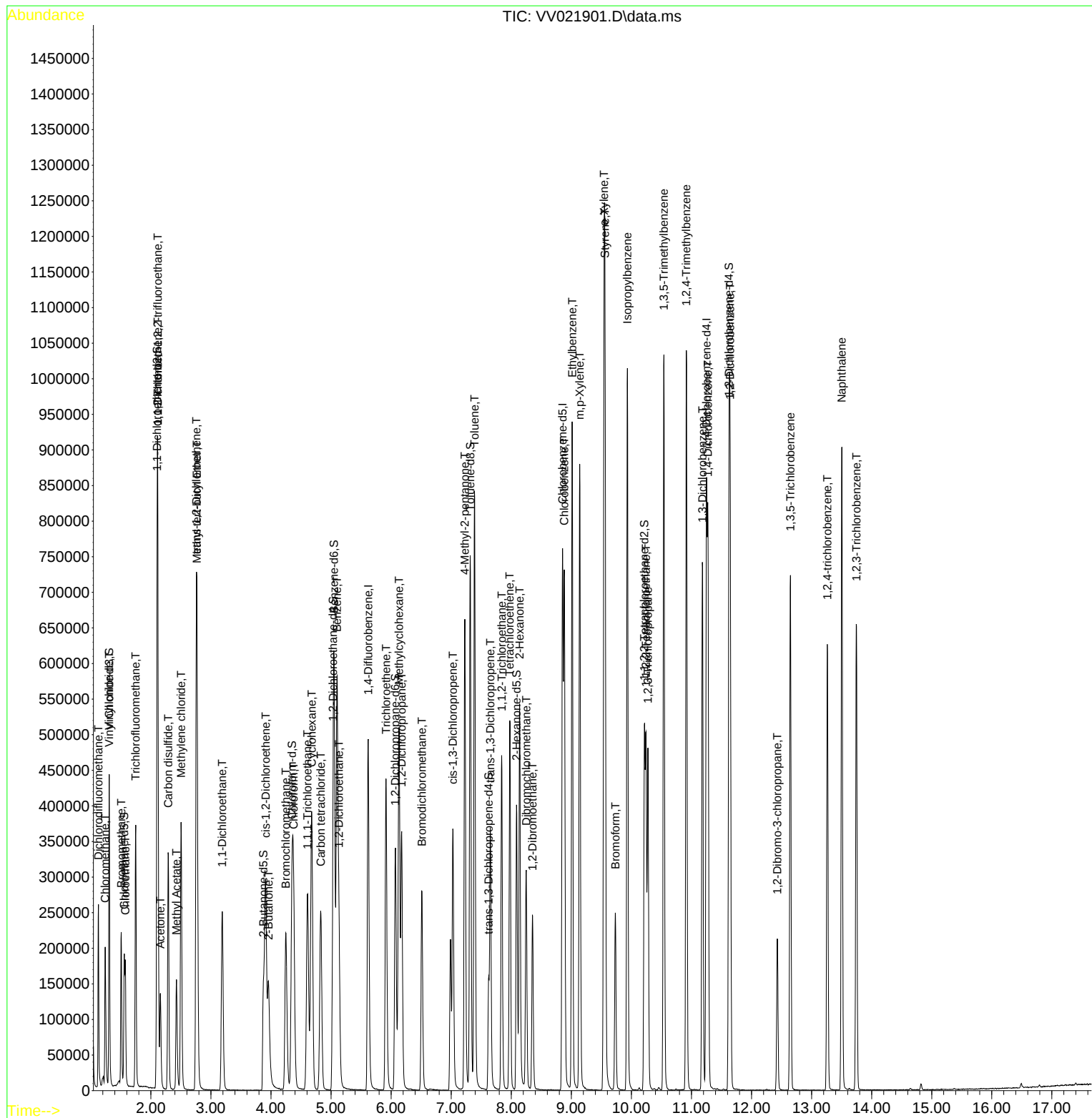
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	185478	43.906	ug/L	100
29) Cyclohexane	4.677	56	228180	43.862	ug/L	100
30) 1,1,1-Trichloroethane	4.609	97	231349	43.771	ug/L	99
31) Carbon tetrachloride	4.828	117	197957	43.284	ug/L	100
33) Benzene	5.098	78	584804	44.990	ug/L	100
34) Trichloroethene	5.915	95	152074	40.712	ug/L	99
35) Methylcyclohexane	6.134	83	232662	42.694	ug/L	99
37) 1,2-Dichloropropane	6.175	63	144376	43.865	ug/L	99
38) Bromodichloromethane	6.513	83	188877	43.540	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	232529	44.616	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	429349	94.832	ug/L	98
42) Toluene	7.387	91	622357	44.830	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	214070	43.585	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	151681	46.004	ug/L	98
46) Tetrachloroethene	7.976	164	120258	43.320	ug/L	99
48) 2-Hexanone	8.140	43	318921	90.938	ug/L	96
49) Dibromochloromethane	8.249	129	160925	44.206	ug/L	97
50) 1,2-Dibromoethane	8.352	107	163290	45.510	ug/L	98
51) Chlorobenzene	8.883	112	403929	44.563	ug/L	99
52) Ethylbenzene	9.014	91	666205	44.981	ug/L	99
53) m,p-Xylene	9.140	106	258395	45.016	ug/L	99
54) o-Xylene	9.545	106	253415	44.539	ug/L	99
55) Styrene	9.561	104	437267	45.893	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	235528	51.314	ug/L	98
59) Bromoform	9.735	173	114663	43.863	ug/L	99
60) Isopropylbenzene	9.934	105	664999	45.106	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	187499	46.138	ug/L	100
62) 1,3,5-Trimethylbenzene	10.542	105	563982	45.585	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	574037	45.633	ug/L	100
64) 1,3-Dichlorobenzene	11.185	146	317001	44.400	ug/L	100
65) 1,4-Dichlorobenzene	11.275	146	317597	44.565	ug/L	98
67) 1,2-Dichlorobenzene	11.645	146	322525	44.780	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	48956	49.548	ug/L	98
69) 1,3,5-Trichlorobenzene	12.648	180	227719	44.001	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	197619	45.530	ug/L	99
71) Naphthalene	13.503	128	704915	55.910	ug/L	99
72) 1,2,3-Trichlorobenzene	13.747	180	201750	46.269	ug/L	99

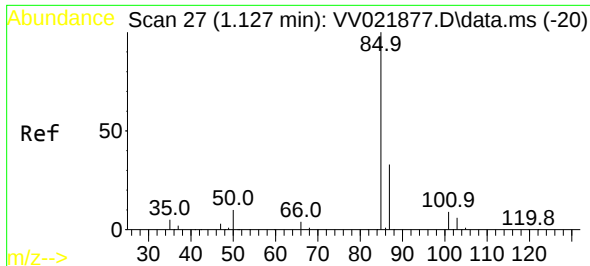
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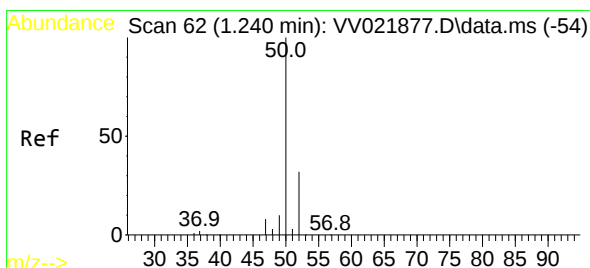
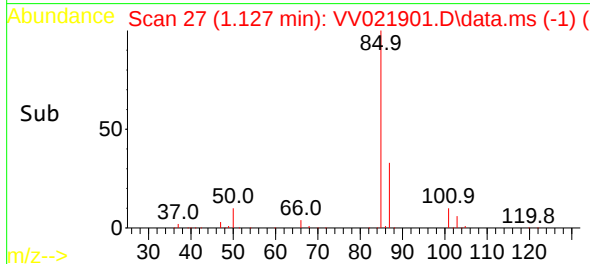
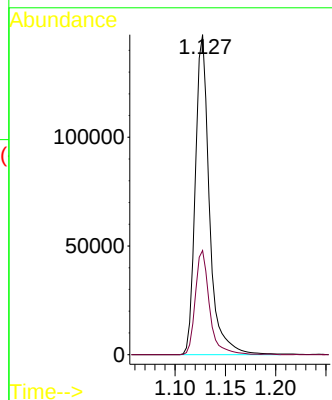
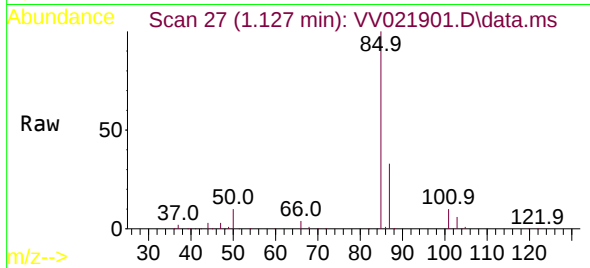




#2
Dichlorodifluoromethane
Concen: 41.095 ug/L
RT: 1.127 min Scan# 27
Delta R.T. 0.000 min
Lab File: VV021901.D
Acq: 19 Aug 2021 20:01

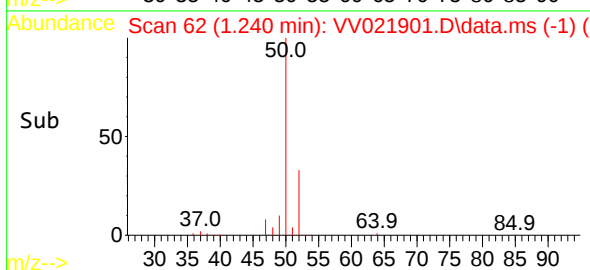
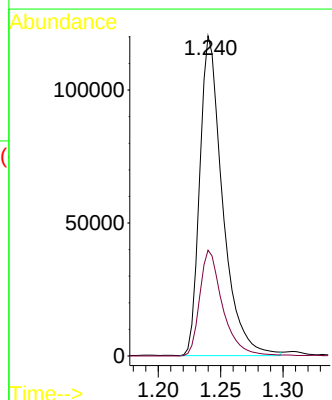
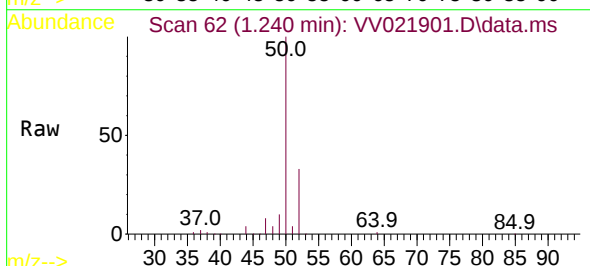
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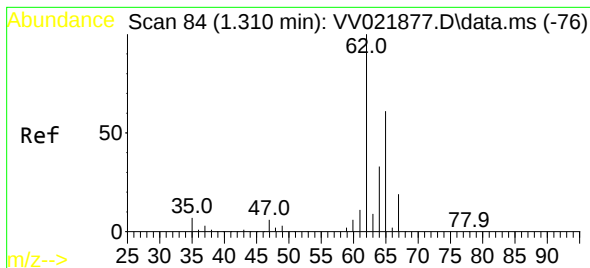
Tgt Ion: 85 Resp: 143476
Ion Ratio Lower Upper
85 100
87 32.8 26.1 39.1



#3
Chloromethane
Concen: 42.168 ug/L
RT: 1.240 min Scan# 62
Delta R.T. 0.000 min
Lab File: VV021901.D
Acq: 19 Aug 2021 20:01

Tgt Ion: 50 Resp: 152894
Ion Ratio Lower Upper
50 100
52 33.1 22.7 42.1

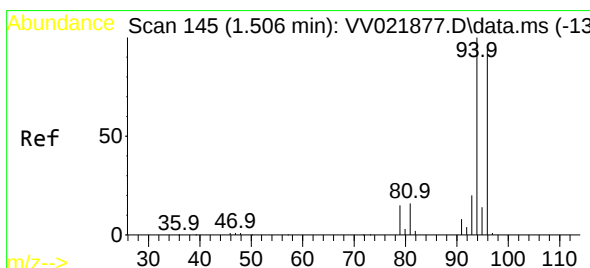
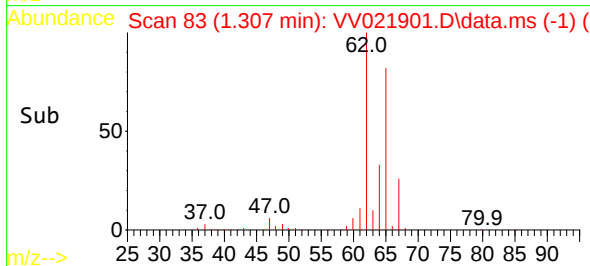
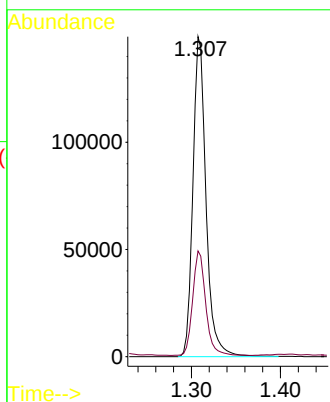
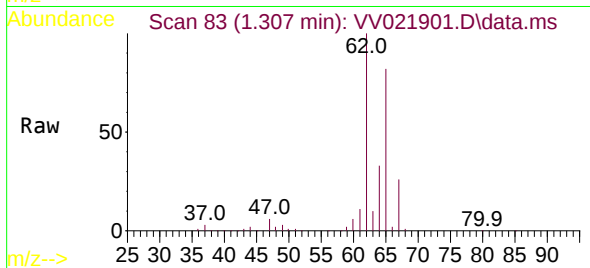




#5
 Vinyl chloride
 Concen: 42.945 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.003 min
 Lab File: VV021901.D
 Acq: 19 Aug 2021 20:01

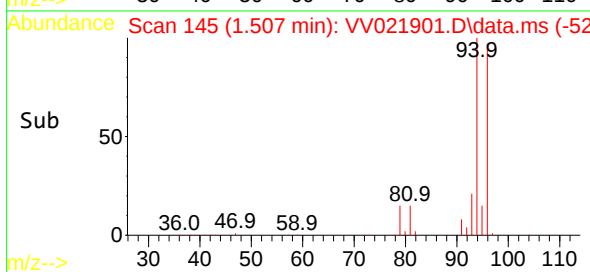
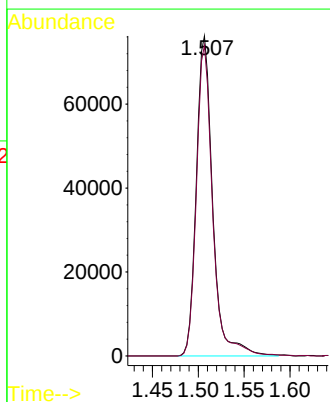
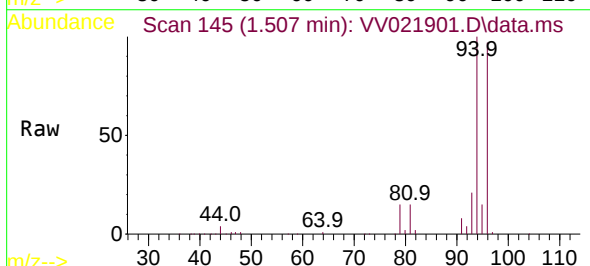
Instrument :
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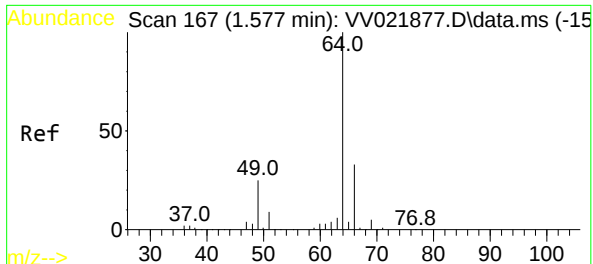
Tgt Ion: 62 Resp: 153329
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.4 43.4



#6
 Bromomethane
 Concen: 44.157 ug/L
 RT: 1.507 min Scan# 145
 Delta R.T. 0.000 min
 Lab File: VV021901.D
 Acq: 19 Aug 2021 20:01

Tgt Ion: 94 Resp: 94759
 Ion Ratio Lower Upper
 94 100
 96 97.1 64.8 120.3

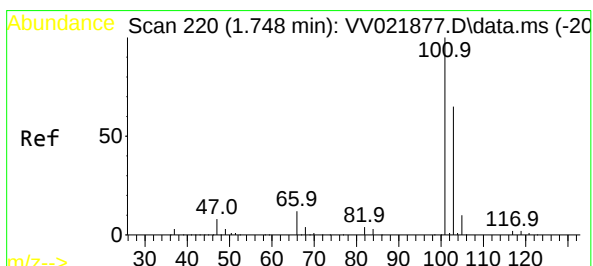
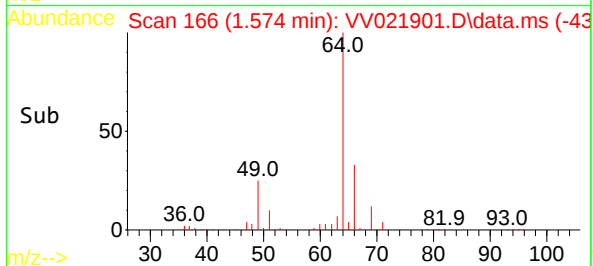
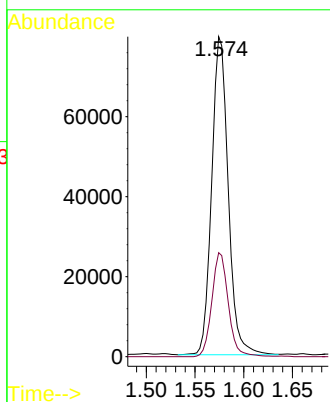
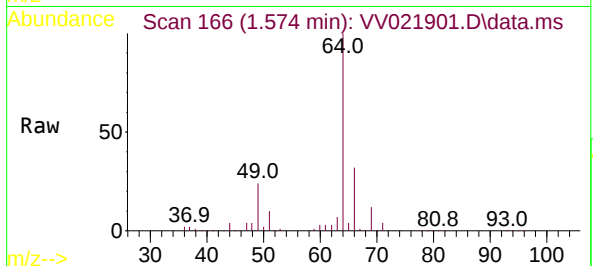




#8
Chloroethane
Concen: 43.872 ug/L
RT: 1.574 min Scan# 166
Delta R.T. -0.003 min
Lab File: VV021901.D
Acq: 19 Aug 2021 20:01

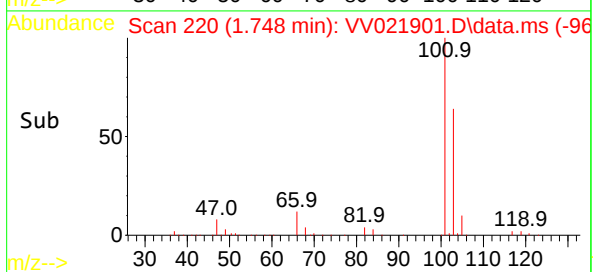
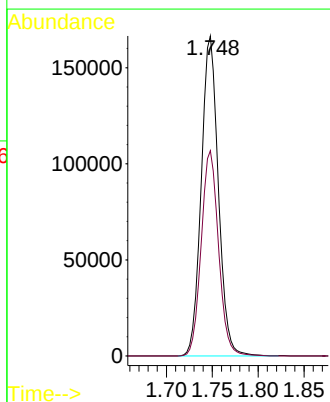
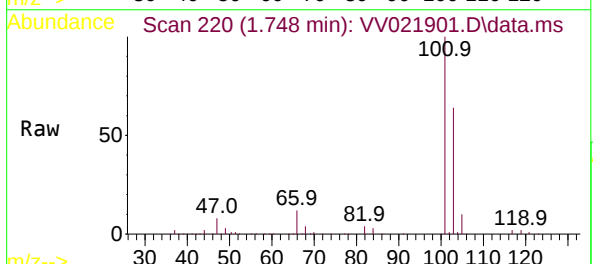
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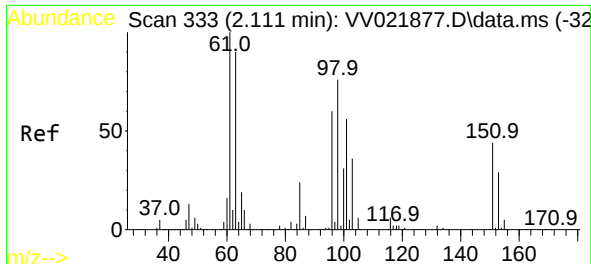
Tgt Ion: 64 Resp: 93602
Ion Ratio Lower Upper
64 100
66 32.5 22.6 42.0



#9
Trichlorofluoromethane
Concen: 44.151 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.000 min
Lab File: VV021901.D
Acq: 19 Aug 2021 20:01

Tgt Ion:101 Resp: 215979
Ion Ratio Lower Upper
101 100
103 65.0 51.8 77.8

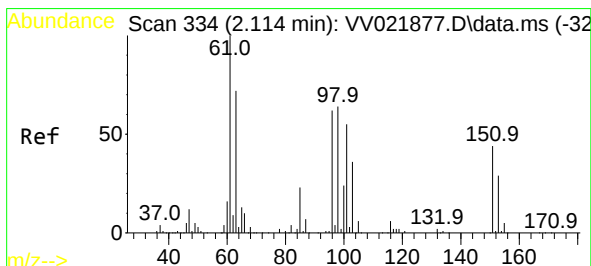
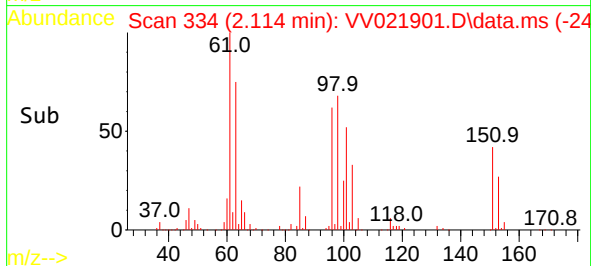
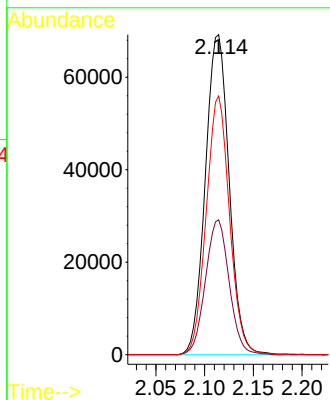
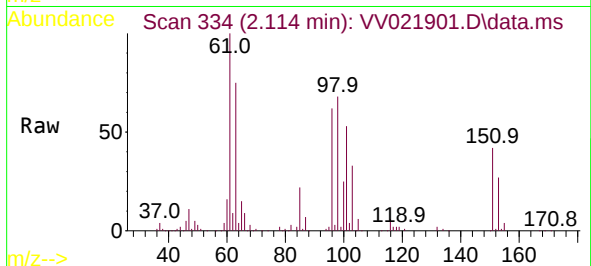




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 42.062 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.003 min
Lab File: VV021901.D
Acq: 19 Aug 2021 20:01

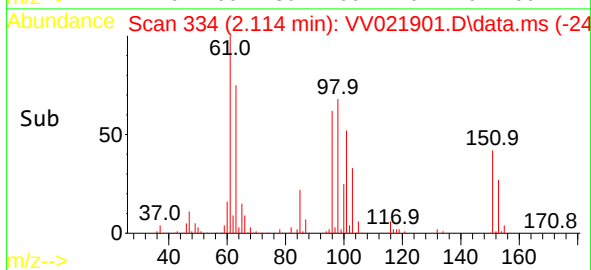
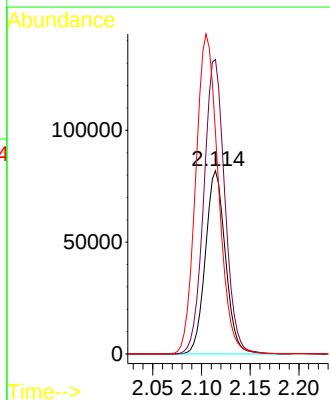
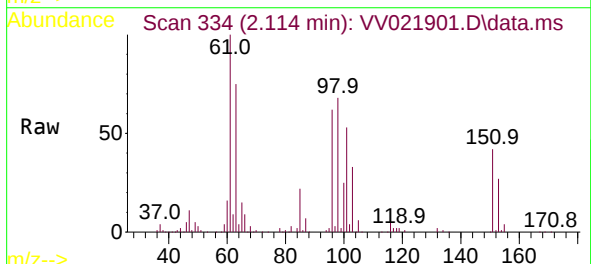
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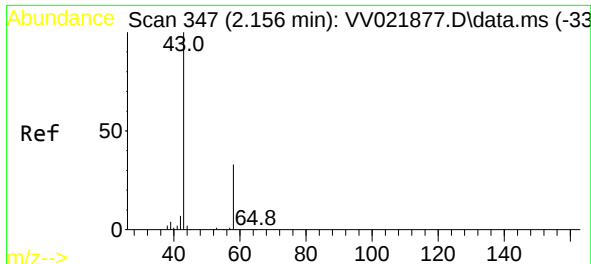
Tgt Ion:101 Resp: 117806
Ion Ratio Lower Upper
101 100
85 41.9 33.4 50.2
151 79.1 62.2 93.2



#12
1,1-Dichloroethene
Concen: 43.867 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.000 min
Lab File: VV021901.D
Acq: 19 Aug 2021 20:01

Tgt Ion: 96 Resp: 117023
Ion Ratio Lower Upper
96 100
61 160.8 115.5 214.5
63 120.7 90.3 167.7

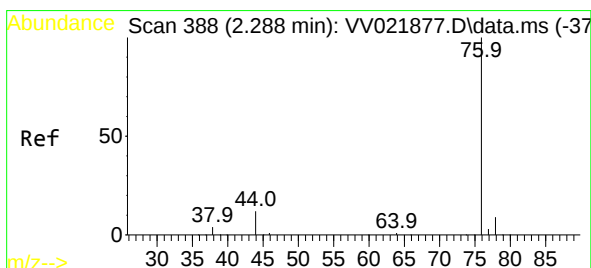
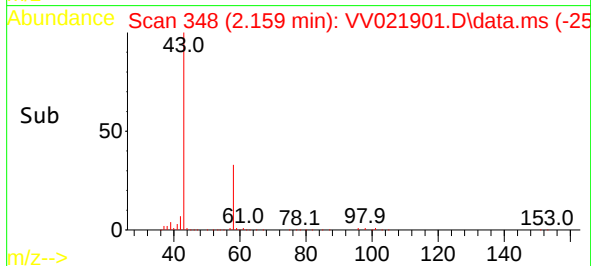
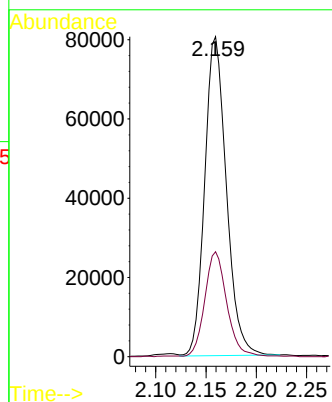
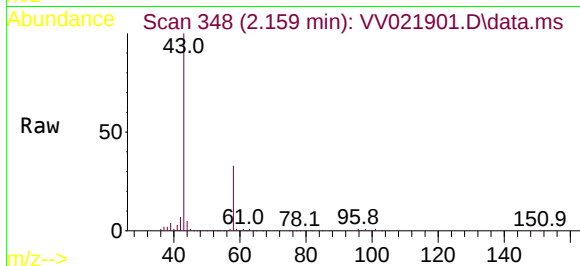




#13
Acetone
Concen: 66.716 ug/L
RT: 2.159 min Scan# 348
Delta R.T. 0.003 min
Lab File: VV021901.D
Acq: 19 Aug 2021 20:01

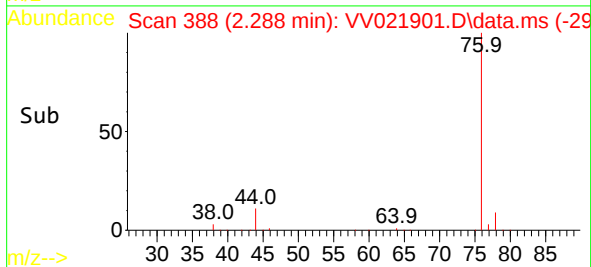
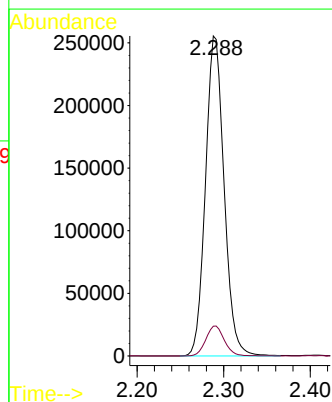
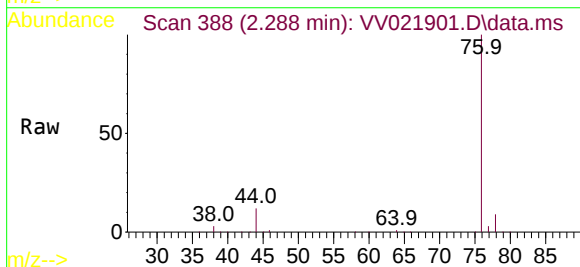
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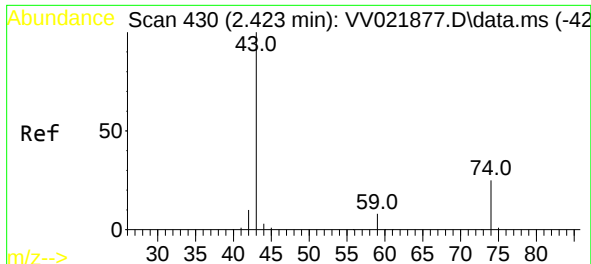
Tgt Ion: 43 Resp: 120451
Ion Ratio Lower Upper
43 100
58 33.5 0.0 0.0#



#14
Carbon disulfide
Concen: 42.494 ug/L
RT: 2.288 min Scan# 388
Delta R.T. 0.000 min
Lab File: VV021901.D
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Tgt Ion: 76 Resp: 381426
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3

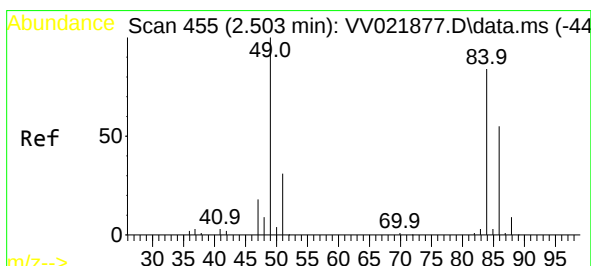
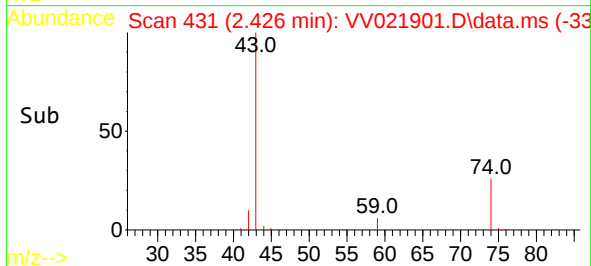
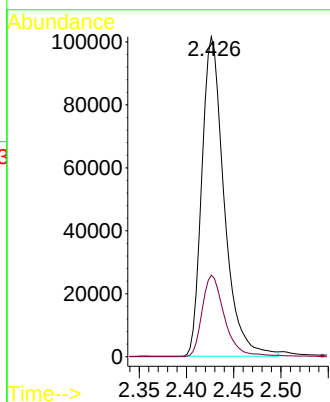
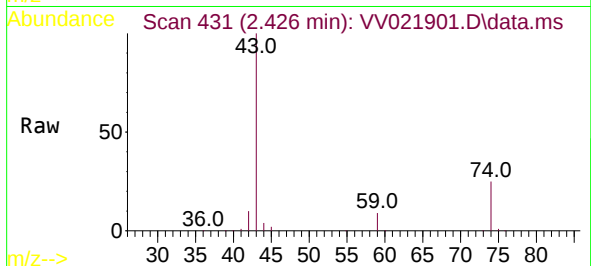




#15
Methyl Acetate
Concen: 50.225 ug/L
RT: 2.426 min Scan# 431
Delta R.T. 0.003 min
Lab File: VV021901.D
Acq: 19 Aug 2021 20:01

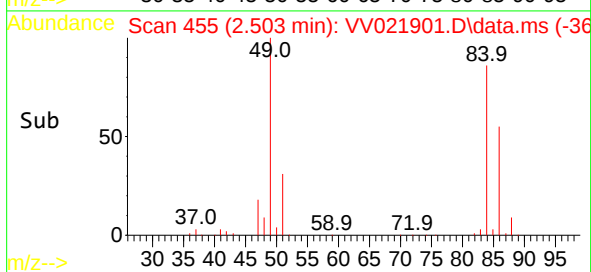
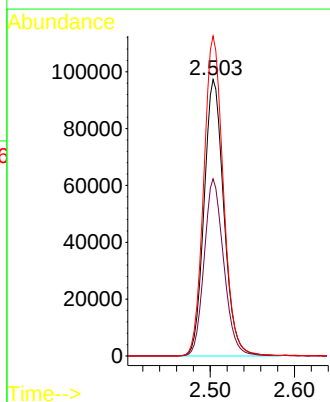
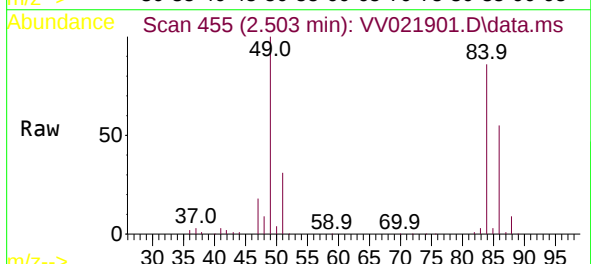
Instrument :
MSVOA_V
ClientSampleId :
VSTD050310

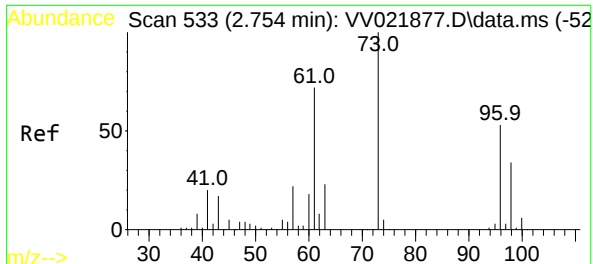
Tgt Ion: 43 Resp: 166585
Ion Ratio Lower Upper
43 100
74 25.7 19.0 28.6



#16
Methylene chloride
Concen: 42.792 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV021901.D
Acq: 19 Aug 2021 20:01

Tgt Ion: 84 Resp: 158784
Ion Ratio Lower Upper
84 100
86 64.1 44.7 83.1
49 115.7 82.5 153.3

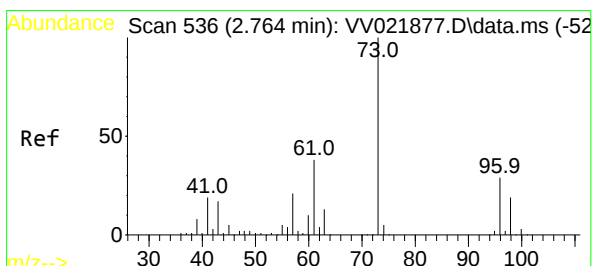
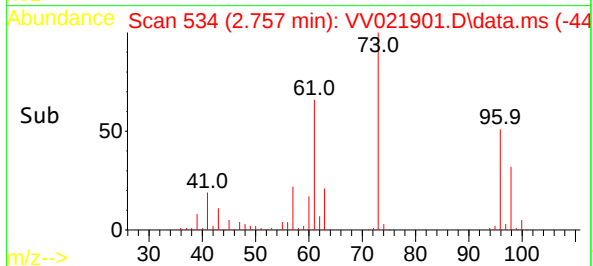
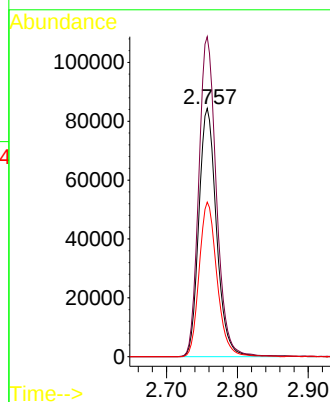
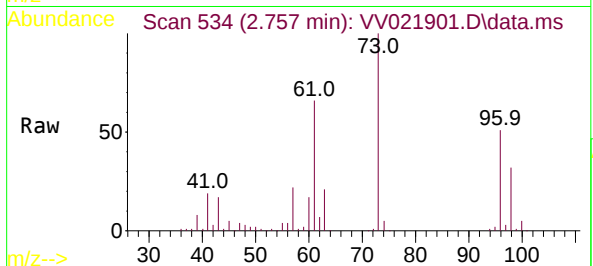




#17
trans-1,2-Dichloroethene
Concen: 46.708 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.003 min
Lab File: VV021901.D
Acq: 19 Aug 2021 20:01

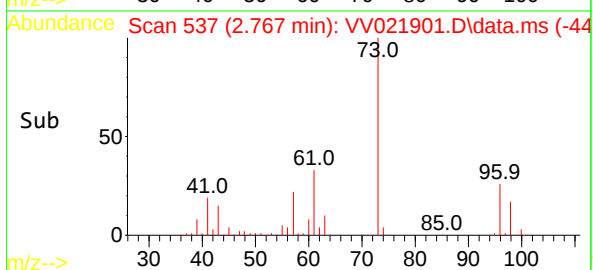
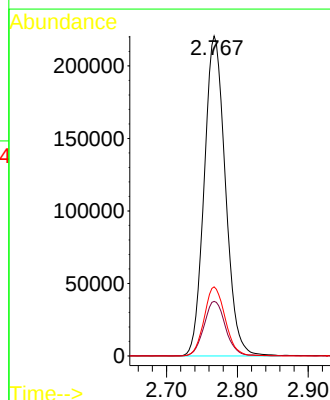
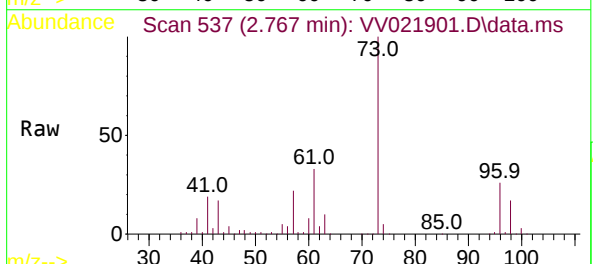
Instrument :
MSVOA_V
ClientSampleId :
VSTD050310

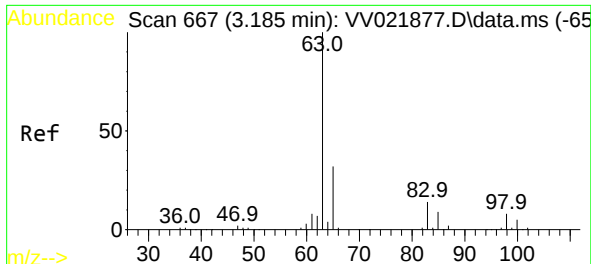
Tgt Ion: 96 Resp: 146211
Ion Ratio Lower Upper
96 100
61 128.9 90.4 168.0
98 62.3 44.4 82.5



#18
Methyl tert-butyl Ether
Concen: 47.569 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.003 min
Lab File: VV021901.D
Acq: 19 Aug 2021 20:01

Tgt Ion: 73 Resp: 457949
Ion Ratio Lower Upper
73 100
43 17.1 14.2 21.4
57 21.5 17.7 26.5





#19

1,1-Dichloroethane

Concen: 46.026 ug/L

RT: 3.188 min Scan# 668

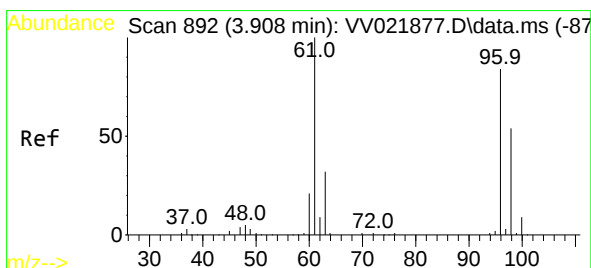
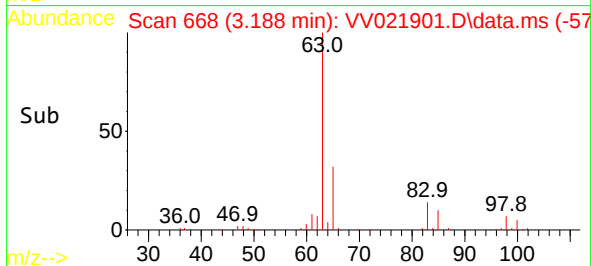
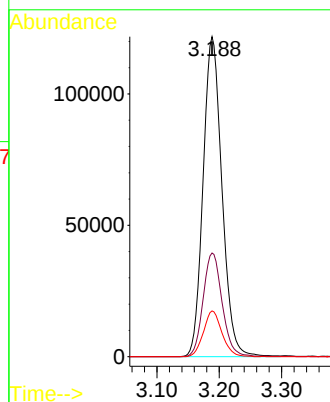
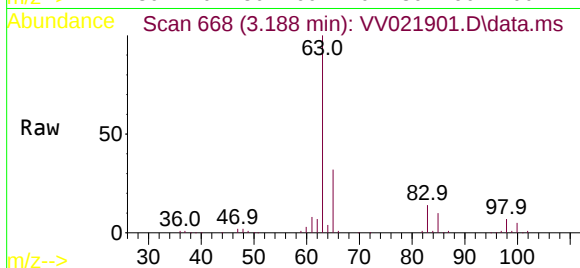
Delta R.T. 0.003 min

Lab File: VV021901.D

Acq: 19 Aug 2021 20:01

Tgt Ion: 63 Resp: 256467

Ion	Ratio	Lower	Upper
63	100		
65	32.4	21.8	40.6
83	14.3	9.6	17.8



#20

cis-1,2-Dichloroethene

Concen: 44.380 ug/L

RT: 3.912 min Scan# 893

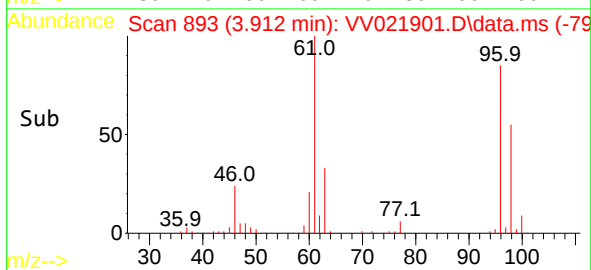
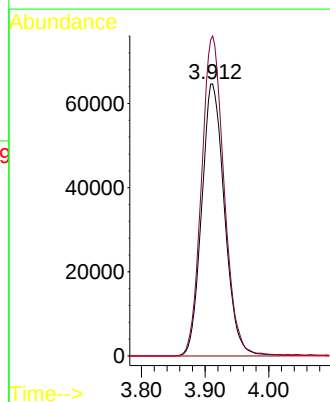
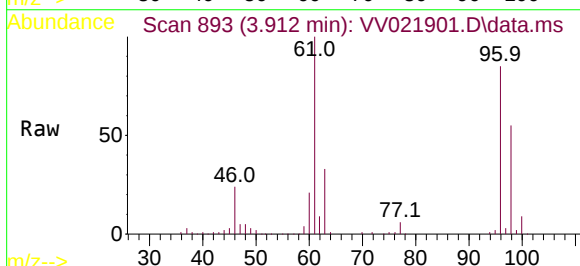
Delta R.T. 0.003 min

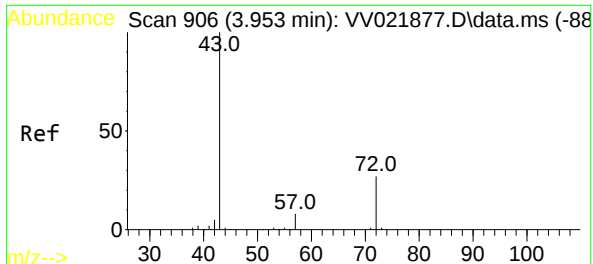
Lab File: VV021901.D

Acq: 19 Aug 2021 20:01

Tgt Ion: 96 Resp: 160872

Ion	Ratio	Lower	Upper
96	100		
61	117.6	81.0	150.4
68	0.0	0.0	0.0

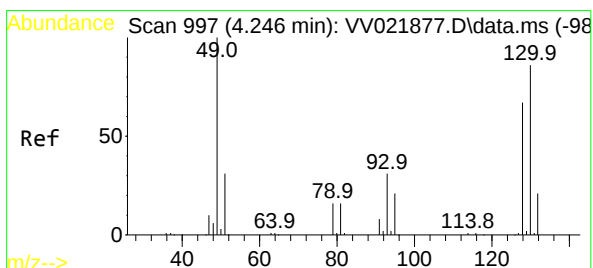
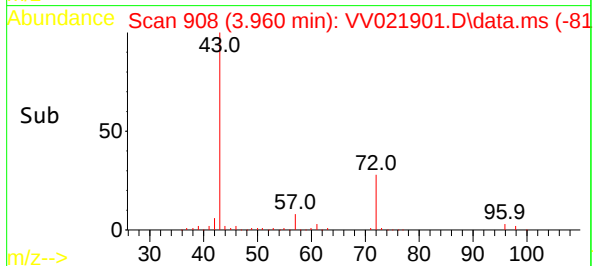
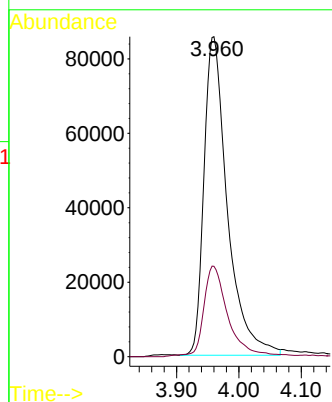
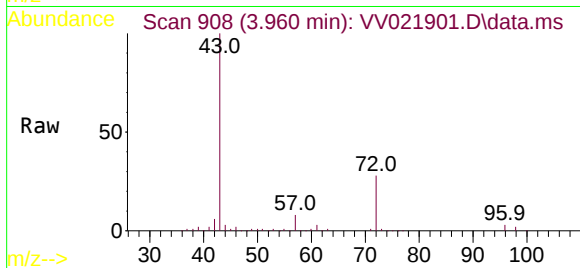




#22
2-Butanone
Concen: 85.078 ug/L
RT: 3.960 min Scan# 908
Delta R.T. 0.007 min
Lab File: VV021901.D
Acq: 19 Aug 2021 20:01

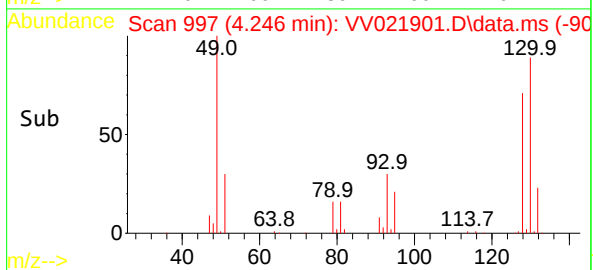
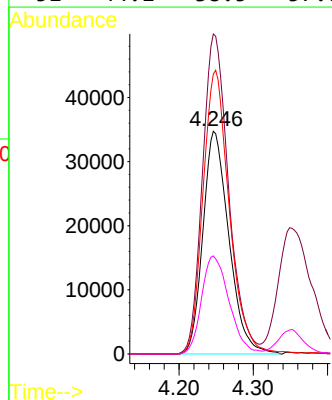
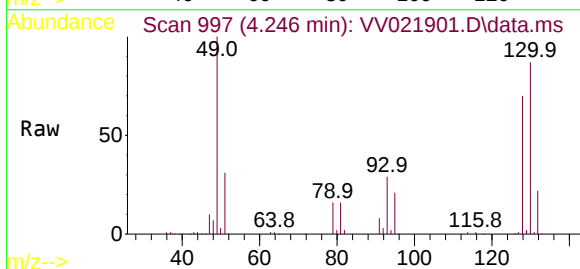
Instrument :
MSVOA_V
ClientSampleId :
VSTD050310

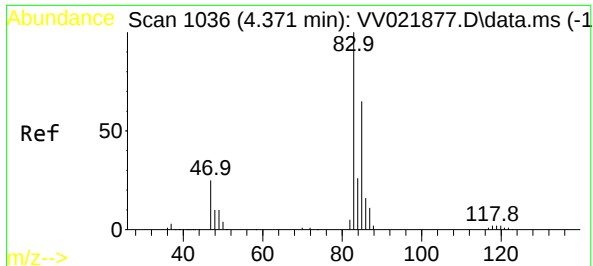
Tgt Ion: 43 Resp: 223696
Ion Ratio Lower Upper
43 100
72 29.7 13.6 40.8



#23
Bromochloromethane
Concen: 43.825 ug/L
RT: 4.246 min Scan# 997
Delta R.T. 0.000 min
Lab File: VV021901.D
Acq: 19 Aug 2021 20:01

Tgt Ion: 128 Resp: 84283
Ion Ratio Lower Upper
128 100
49 143.7 105.6 196.0
130 125.7 89.5 166.1
51 44.1 38.5 57.7





#25

Chloroform

Concen: 43.544 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.007 min

Lab File: VV021901.D

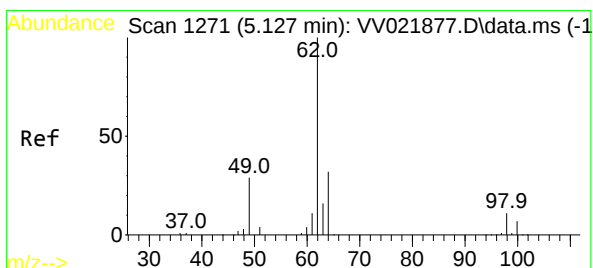
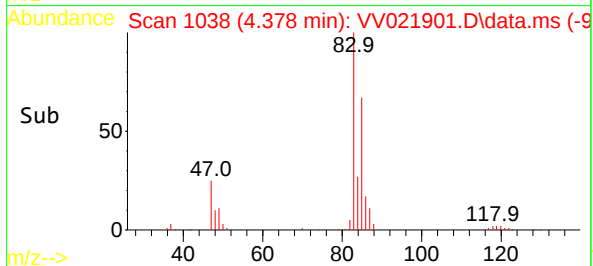
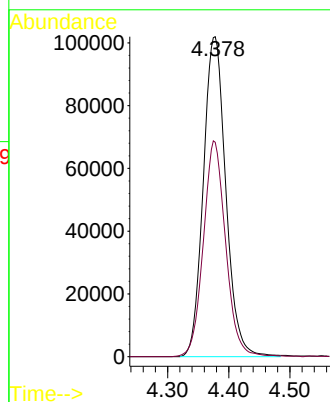
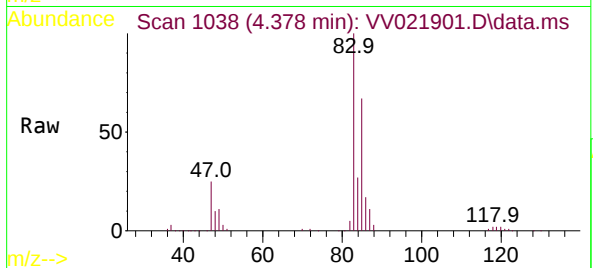
Acq: 19 Aug 2021 20:01

Tgt Ion: 83 Resp: 261080

Ion Ratio Lower Upper

83 100

85 67.0 44.8 83.2



#27

1,2-Dichloroethane

Concen: 43.906 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.003 min

Lab File: VV021901.D

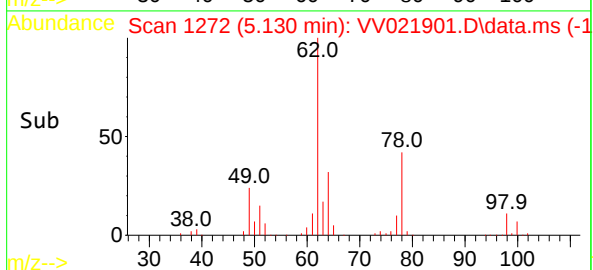
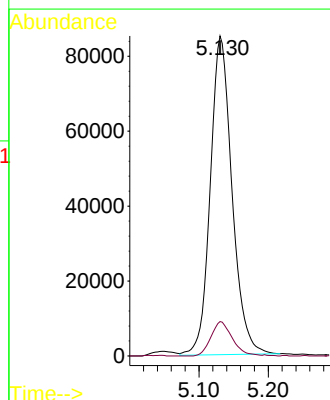
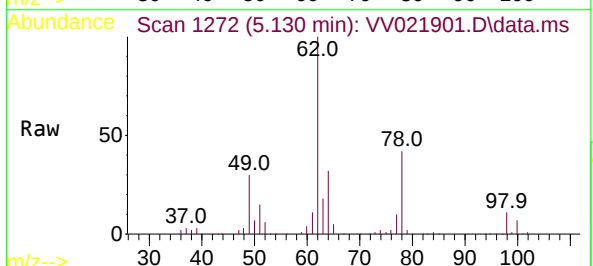
Acq: 19 Aug 2021 20:01

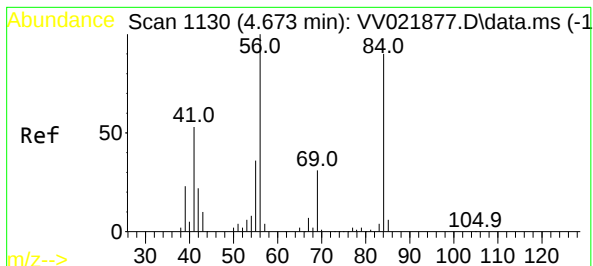
Tgt Ion: 62 Resp: 185478

Ion Ratio Lower Upper

62 100

98 10.8 8.6 13.0

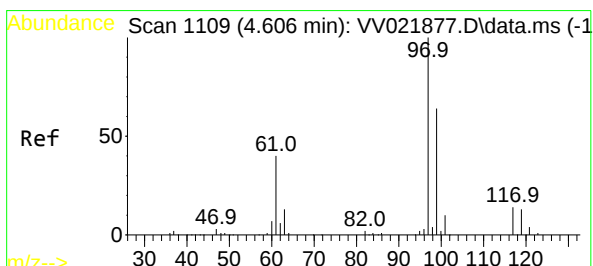
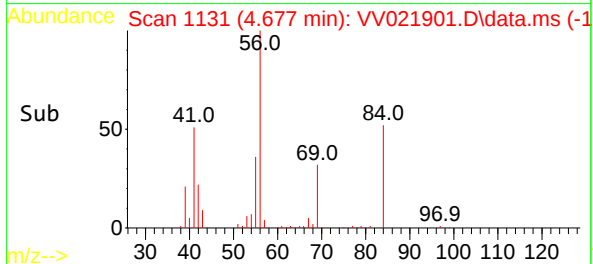
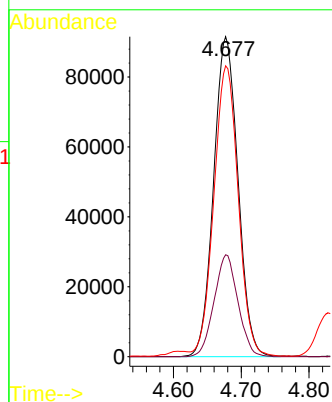
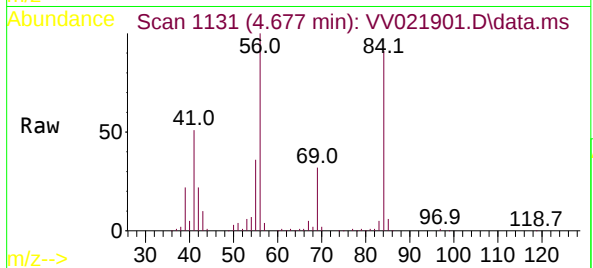




#29
Cyclohexane
Concen: 43.862 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. 0.003 min
Lab File: VV021901.D
Acq: 19 Aug 2021 20:01

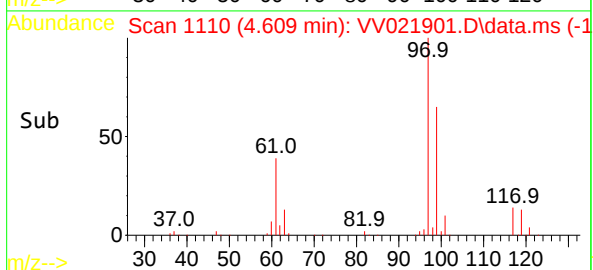
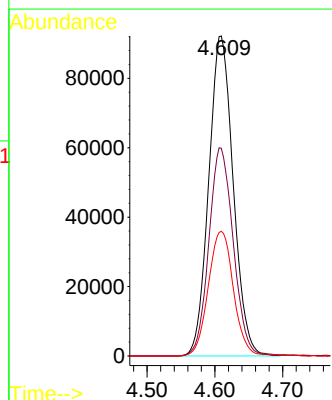
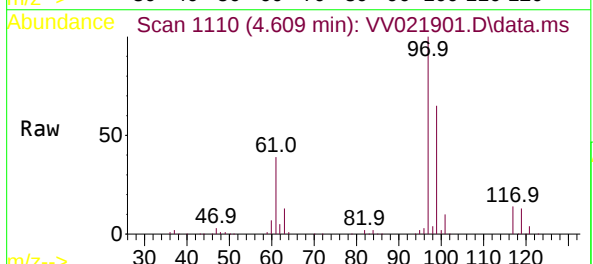
Instrument :
MSVOA_V
ClientSampleId :
VSTD050310

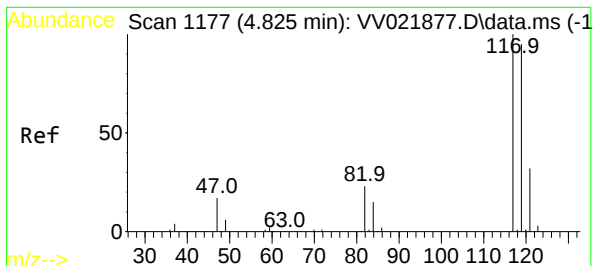
Tgt Ion: 56 Resp: 228180
Ion Ratio Lower Upper
56 100
69 31.2 24.9 37.3
84 90.8 72.6 109.0



#30
1,1,1-Trichloroethane
Concen: 43.771 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. 0.003 min
Lab File: VV021901.D
Acq: 19 Aug 2021 20:01

Tgt Ion: 97 Resp: 231349
Ion Ratio Lower Upper
97 100
99 64.8 51.0 76.4
61 39.8 32.3 48.5

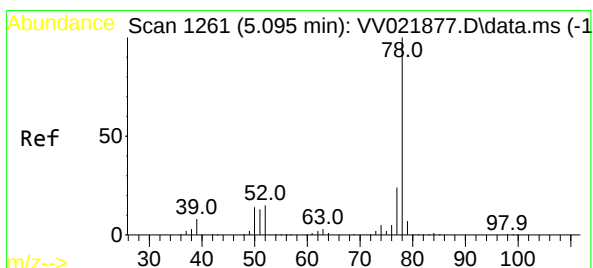
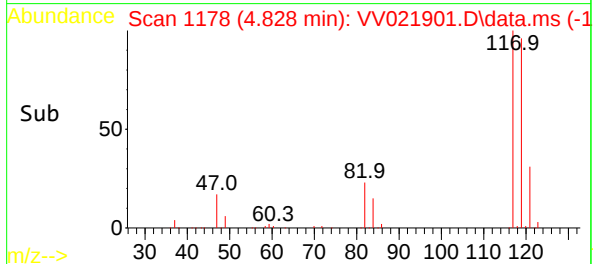
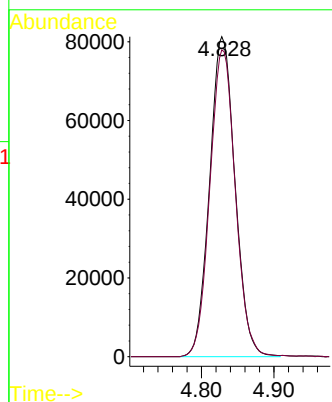
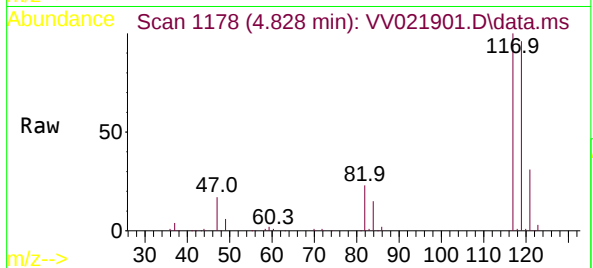




#31
Carbon tetrachloride
Concen: 43.284 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VV021901.D
Acq: 19 Aug 2021 20:01

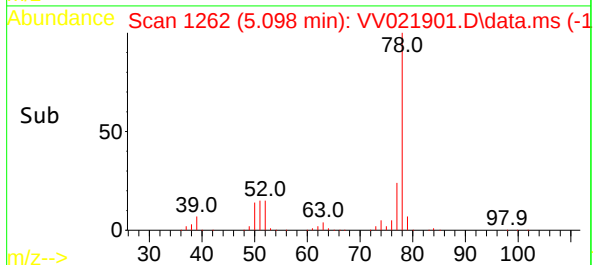
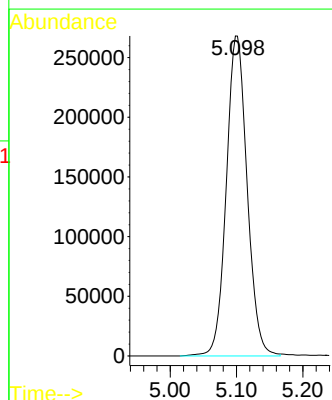
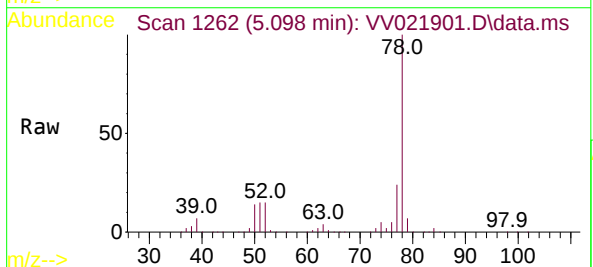
Instrument :
MSVOA_V
ClientSampleId :
VSTD050310

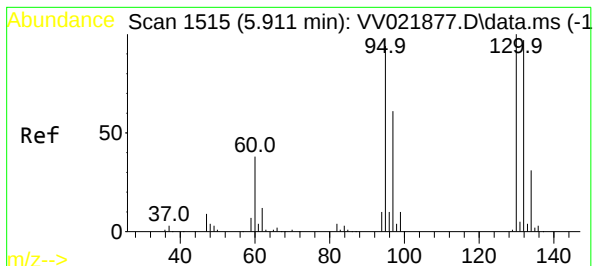
Tgt Ion:117 Resp: 197957
Ion Ratio Lower Upper
117 100
119 96.0 77.1 115.7



#33
Benzene
Concen: 44.990 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VV021901.D
Acq: 19 Aug 2021 20:01

Tgt Ion: 78 Resp: 584804

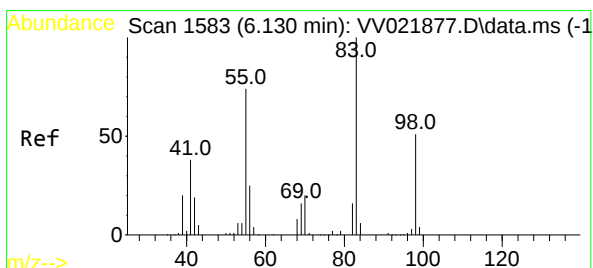
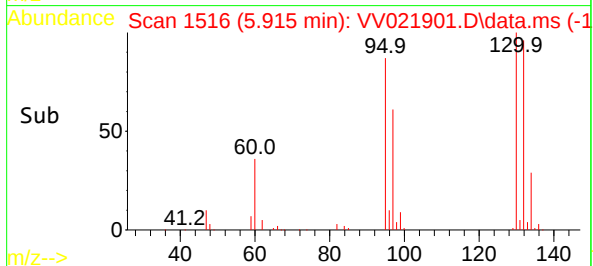
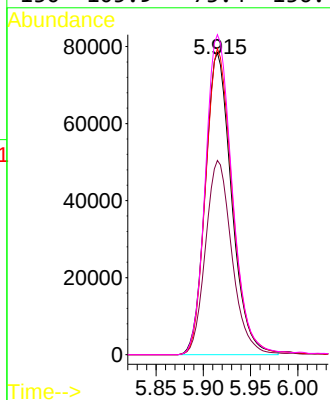
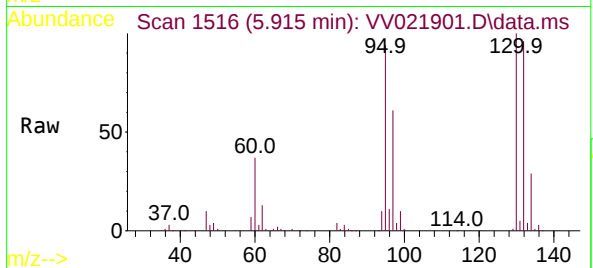




#34
Trichloroethene
Concen: 40.712 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV021901.D
Acq: 19 Aug 2021 20:01

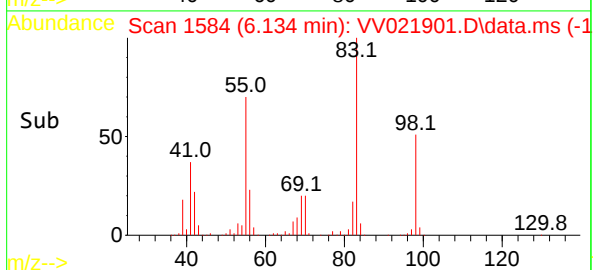
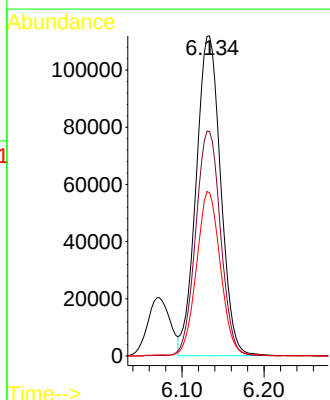
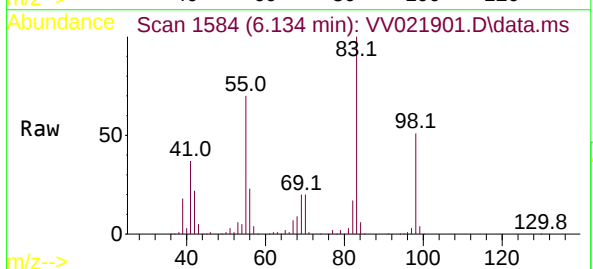
Instrument :
MSVOA_V
ClientSampleId :
VSTD050310

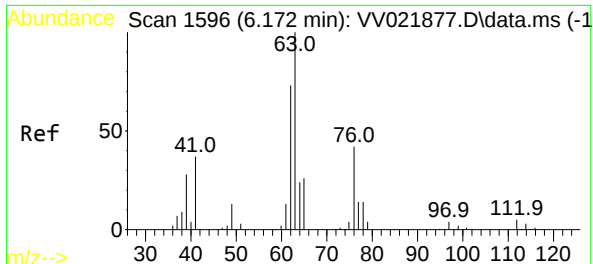
Tgt Ion: 95 Resp: 152074
Ion Ratio Lower Upper
95 100
97 64.3 44.1 81.9
132 101.3 70.2 130.4
130 105.9 73.4 136.4



#35
Methylcyclohexane
Concen: 42.694 ug/L
RT: 6.134 min Scan# 1584
Delta R.T. 0.003 min
Lab File: VV021901.D
Acq: 19 Aug 2021 20:01

Tgt Ion: 83 Resp: 232662
Ion Ratio Lower Upper
83 100
55 71.1 57.9 86.9
98 50.4 39.9 59.9

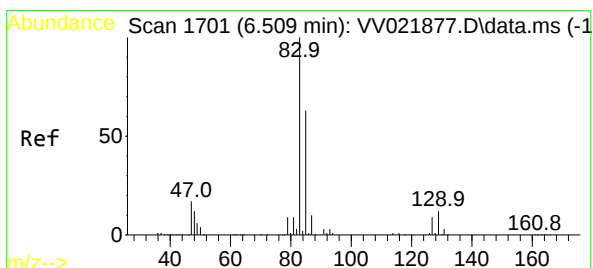
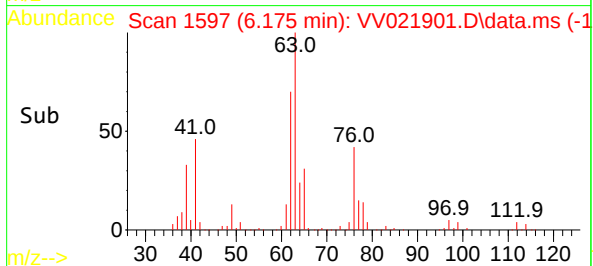
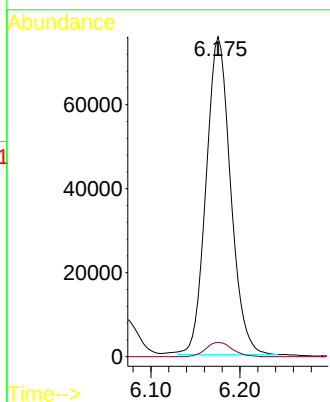
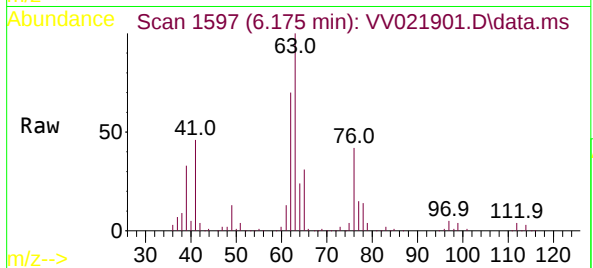




#37
1,2-Dichloropropane
Concen: 43.865 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. 0.003 min
Lab File: VV021901.D
Acq: 19 Aug 2021 20:01

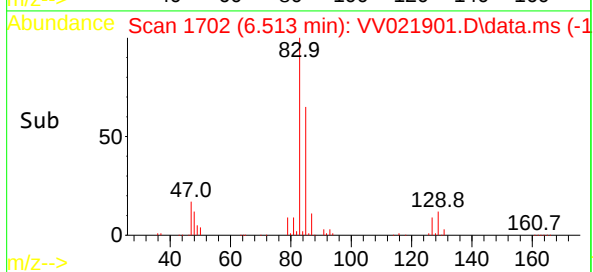
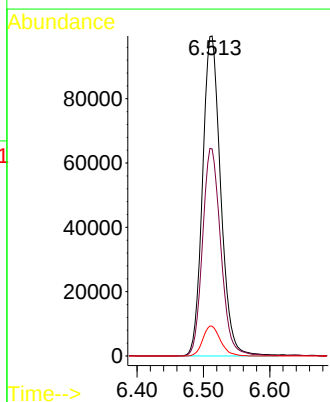
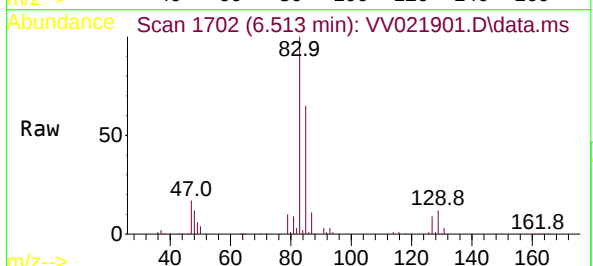
Instrument :
MSVOA_V
ClientSampleId :
VSTD050310

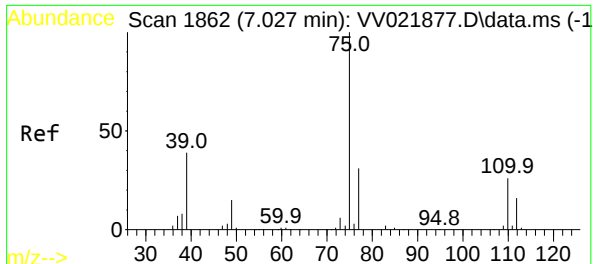
Tgt Ion: 63 Resp: 144376
Ion Ratio Lower Upper
63 100
112 4.9 3.8 5.6



#38
Bromodichloromethane
Concen: 43.540 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VV021901.D
Acq: 19 Aug 2021 20:01

Tgt Ion: 83 Resp: 188877
Ion Ratio Lower Upper
83 100
85 64.7 45.7 84.9
127 9.3 7.4 11.2

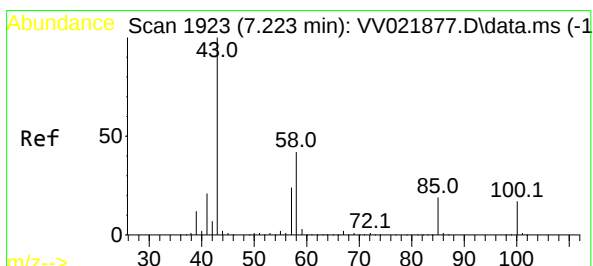
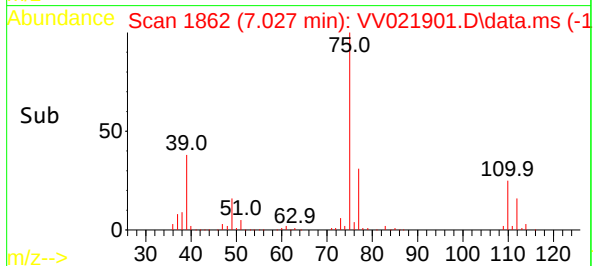
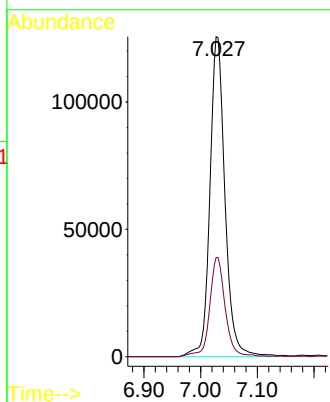
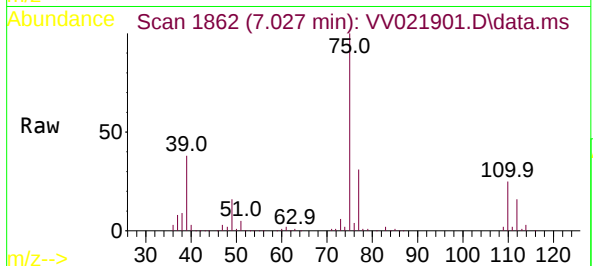




#39
 cis-1,3-Dichloropropene
 Concen: 44.616 ug/L
 RT: 7.027 min Scan# 1862
 Delta R.T. 0.000 min
 Lab File: VV021901.D
 Acq: 19 Aug 2021 20:01

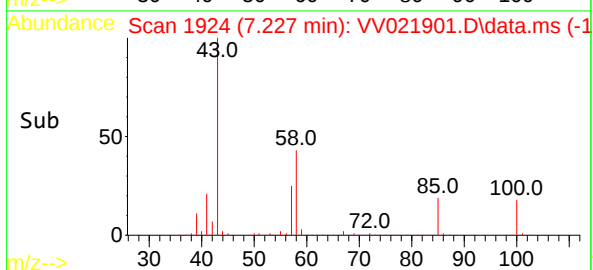
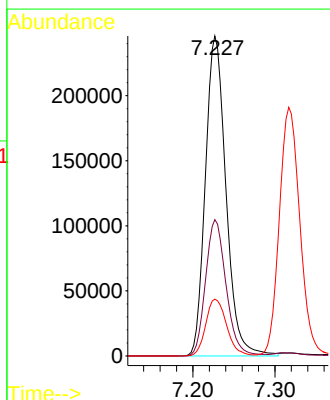
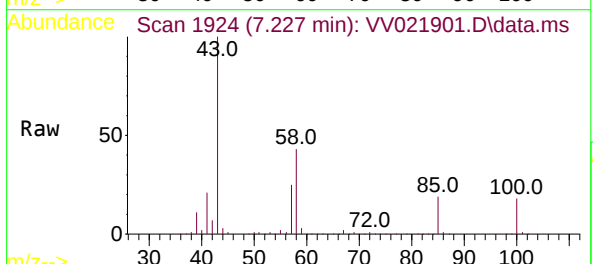
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050310

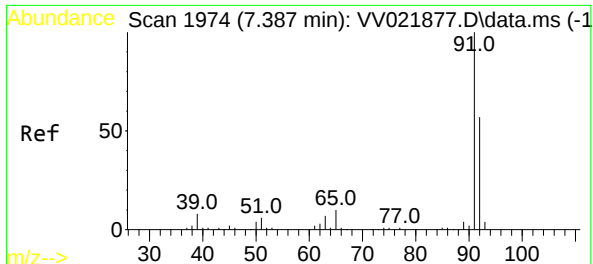
Tgt Ion: 75 Resp: 232529
 Ion Ratio Lower Upper
 75 100
 77 31.0 22.5 41.9



#40
 4-Methyl-2-pentanone
 Concen: 94.832 ug/L
 RT: 7.227 min Scan# 1924
 Delta R.T. 0.003 min
 Lab File: VV021901.D
 Acq: 19 Aug 2021 20:01

Tgt Ion: 43 Resp: 429349
 Ion Ratio Lower Upper
 43 100
 58 42.3 32.9 49.3
 100 18.0 14.0 21.0





#42

Toluene

Concen: 44.830 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. 0.000 min

Lab File: VV021901.D

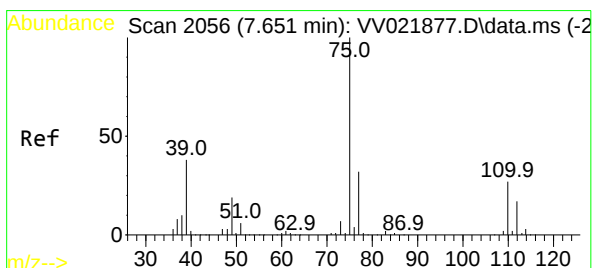
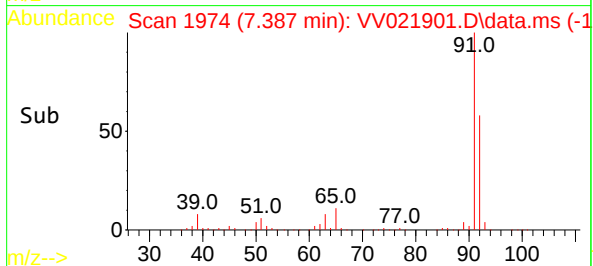
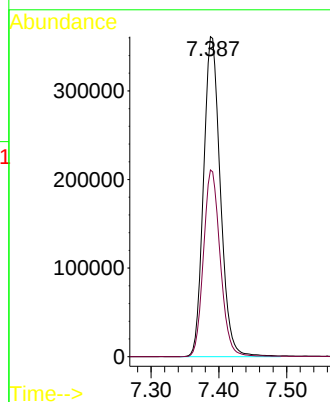
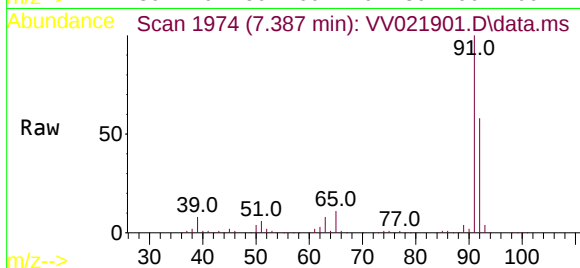
Acq: 19 Aug 2021 20:01

Tgt Ion: 91 Resp: 622357

Ion Ratio Lower Upper

91 100

92 58.3 40.1 74.5



#44

trans-1,3-Dichloropropene

Concen: 43.585 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VV021901.D

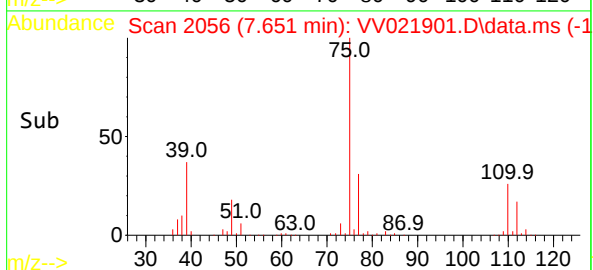
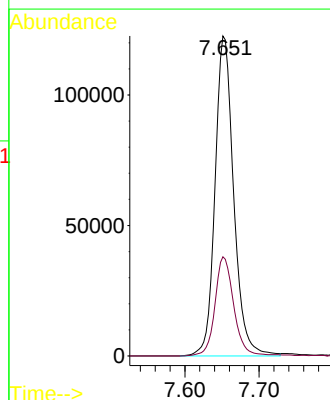
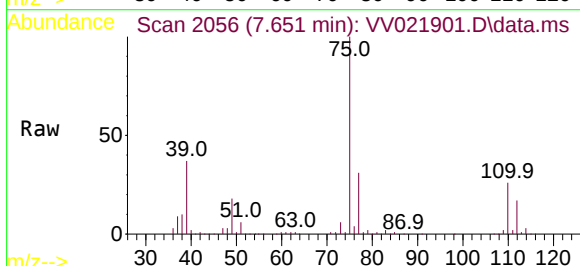
Acq: 19 Aug 2021 20:01

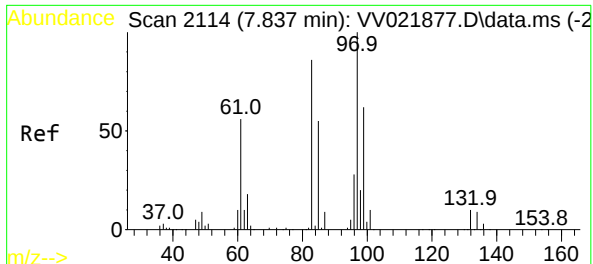
Tgt Ion: 75 Resp: 214070

Ion Ratio Lower Upper

75 100

77 31.0 22.2 41.2





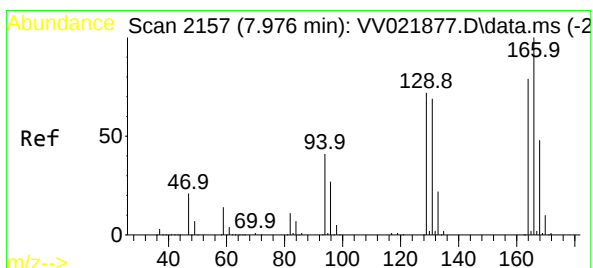
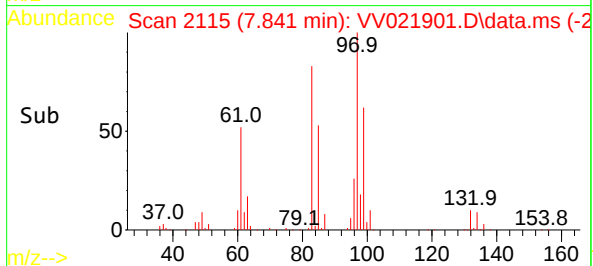
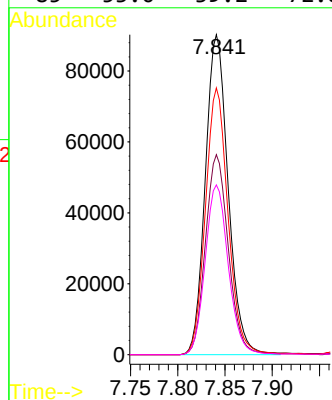
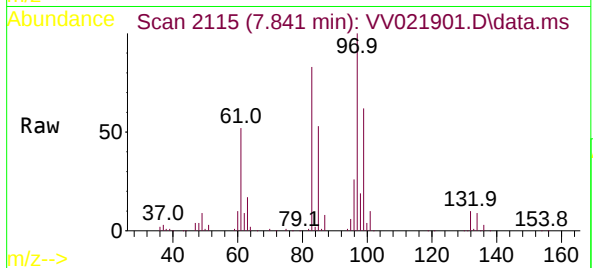
#45

1,1,2-Trichloroethane
Concen: 46.004 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VV021901.D
Acq: 19 Aug 2021 20:01

Instrument :
MSVOA_V
ClientSampleId :
VSTD050310

Tgt Ion: 97 Resp: 151681

Ion	Ratio	Lower	Upper
97	100		
99	62.5	44.2	82.0
83	83.3	59.2	110.0
85	53.0	39.2	72.8

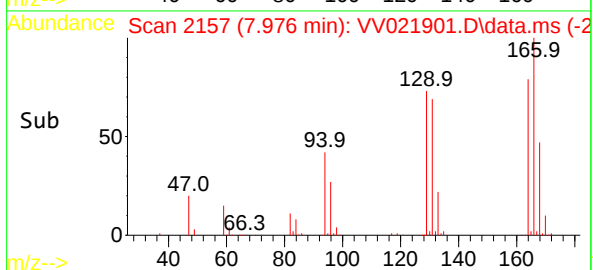
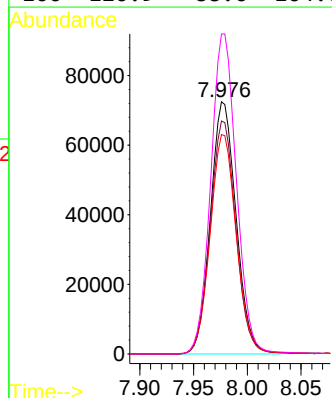
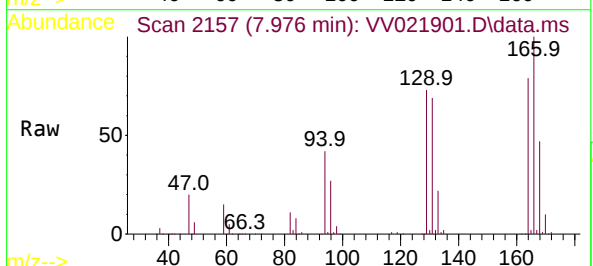


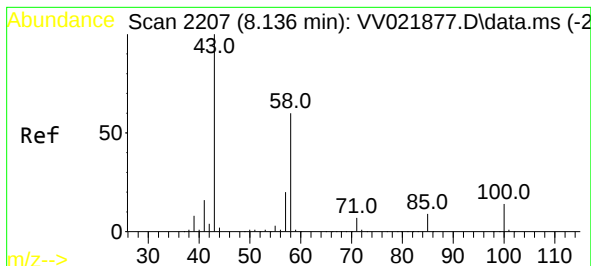
#46

Tetrachloroethene
Concen: 43.320 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV021901.D
Acq: 19 Aug 2021 20:01

Tgt Ion: 164 Resp: 120258

Ion	Ratio	Lower	Upper
164	100		
129	92.4	63.7	118.3
131	87.0	61.5	114.3
166	126.9	88.6	164.6



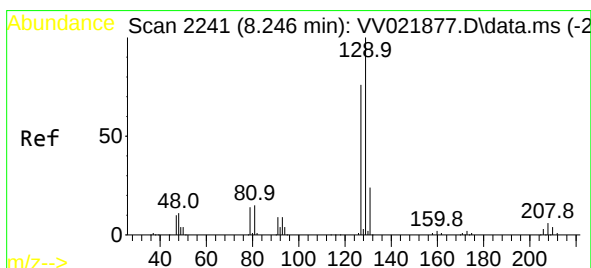
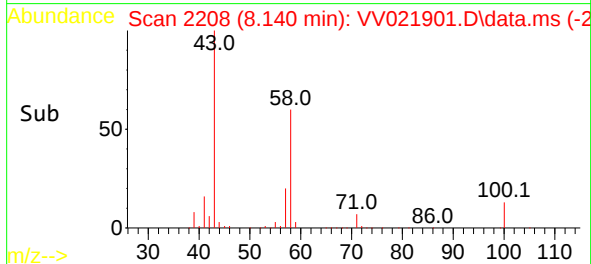
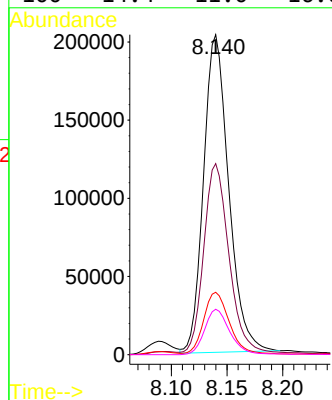
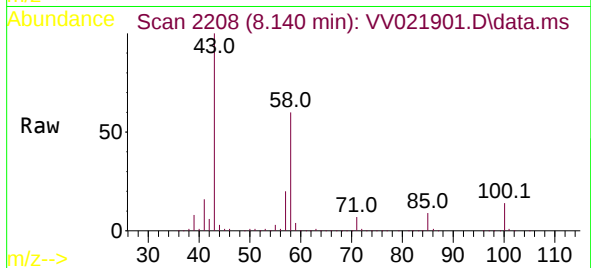


#48
2-Hexanone
Concen: 90.938 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.003 min
Lab File: VV021901.D
Acq: 19 Aug 2021 20:01

Instrument :
MSVOA_V
ClientSampleId :
VSTD050310

Tgt Ion: 43 Resp: 318921

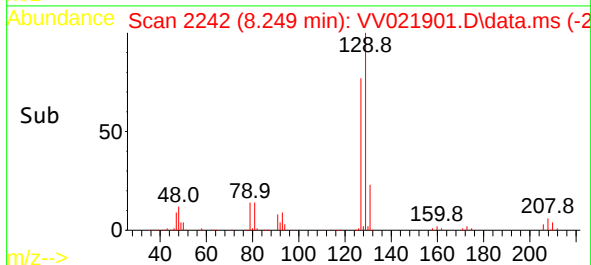
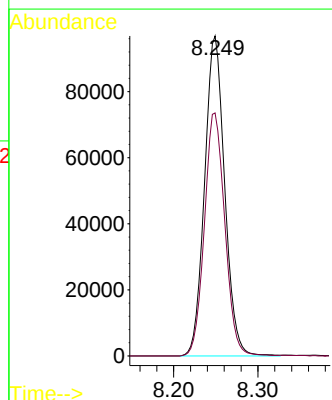
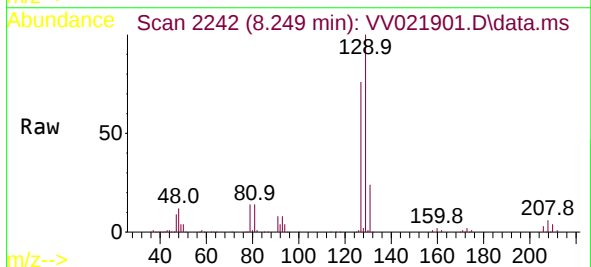
Ion	Ratio	Lower	Upper
43	100		
58	60.9	45.4	68.2
57	20.0	15.3	22.9
100	14.4	11.0	16.6

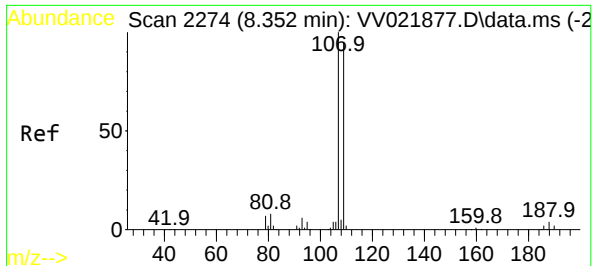


#49
Dibromochloromethane
Concen: 44.206 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.003 min
Lab File: VV021901.D
Acq: 19 Aug 2021 20:01

Tgt Ion: 129 Resp: 160925

Ion	Ratio	Lower	Upper
129	100		
127	76.0	54.9	101.9

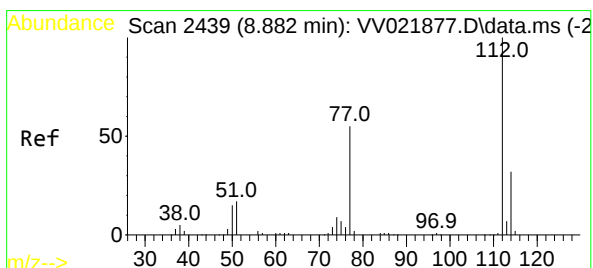
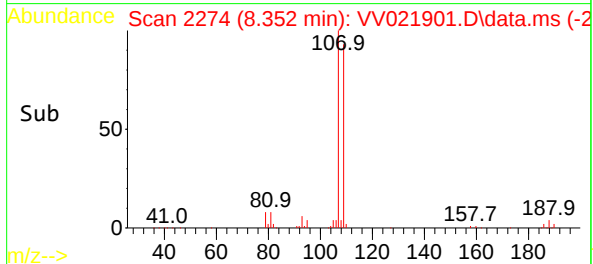
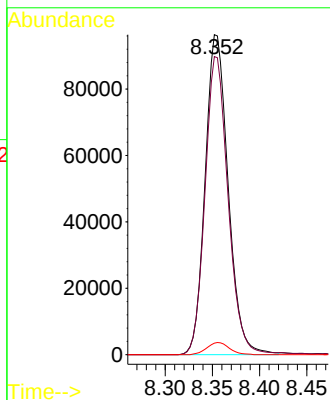
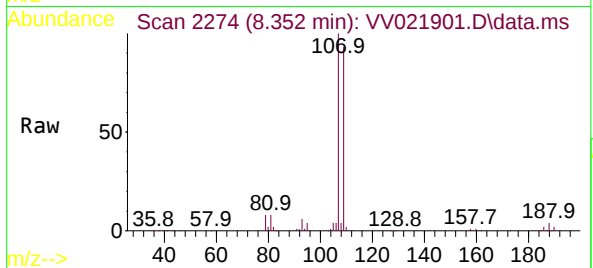




#50
1,2-Dibromoethane
Concen: 45.510 ug/L
RT: 8.352 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VV021901.D
Acq: 19 Aug 2021 20:01

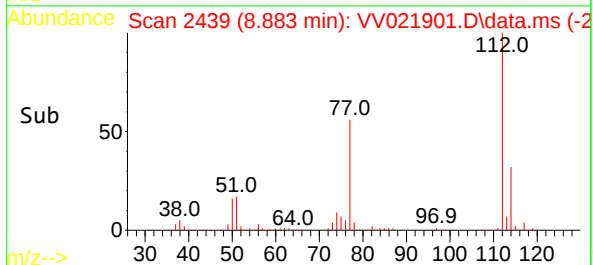
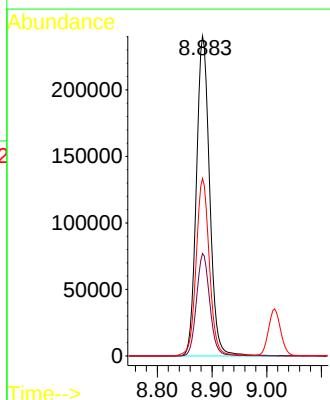
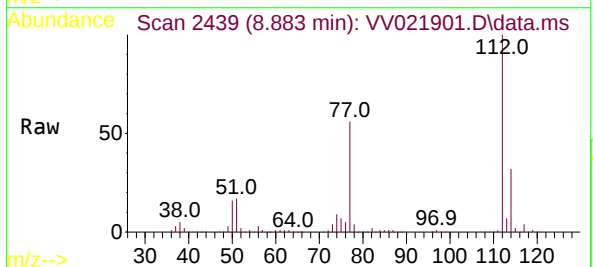
Instrument :
MSVOA_V
ClientSampleId :
VSTD050310

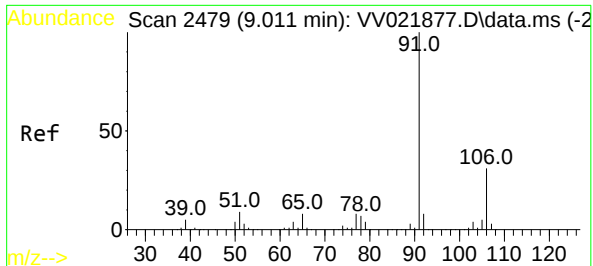
Tgt Ion:107 Resp: 163290
Ion Ratio Lower Upper
107 100
109 93.2 66.3 123.1
188 3.6 3.0 4.4



#51
Chlorobenzene
Concen: 44.563 ug/L
RT: 8.883 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VV021901.D
Acq: 19 Aug 2021 20:01

Tgt Ion:112 Resp: 403929
Ion Ratio Lower Upper
112 100
114 32.0 22.2 41.2
77 55.5 43.7 65.5

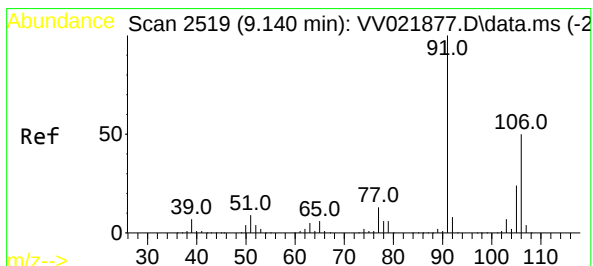
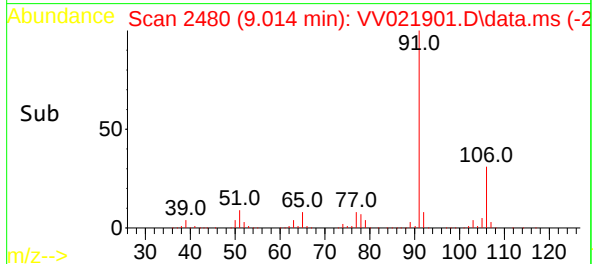
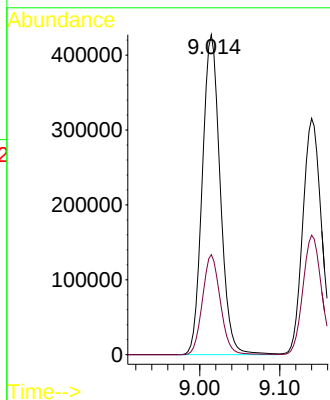
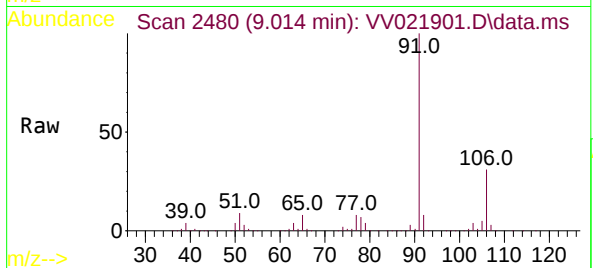




#52
Ethylbenzene
Concen: 44.981 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.003 min
Lab File: VV021901.D
Acq: 19 Aug 2021 20:01

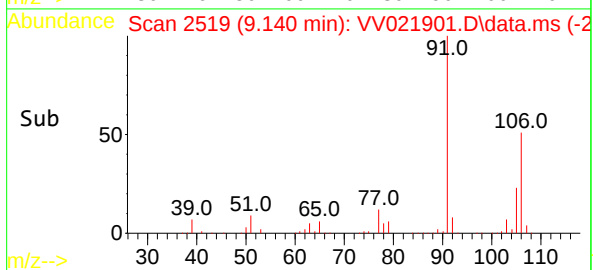
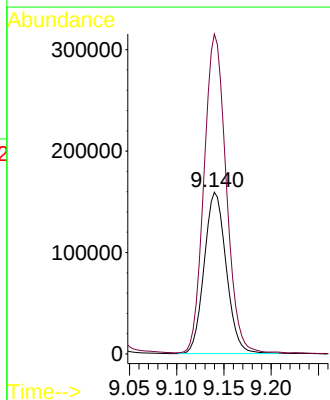
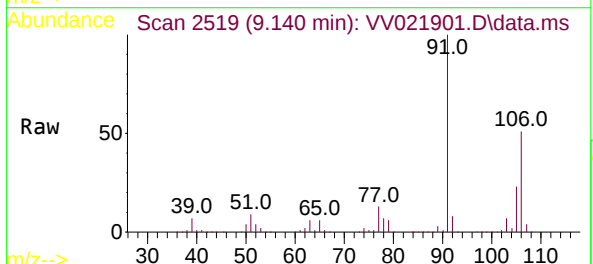
Instrument :
MSVOA_V
ClientSampleId :
VSTD050310

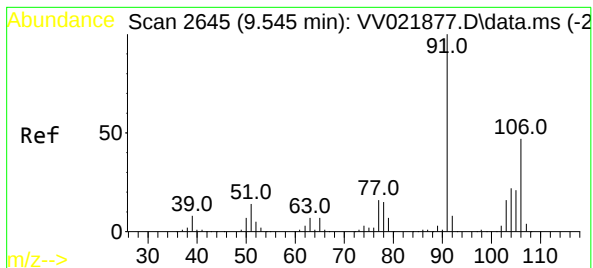
Tgt Ion: 91 Resp: 666205
Ion Ratio Lower Upper
91 100
106 31.2 22.2 41.2



#53
m,p-Xylene
Concen: 45.016 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV021901.D
Acq: 19 Aug 2021 20:01

Tgt Ion: 106 Resp: 258395
Ion Ratio Lower Upper
106 100
91 197.8 139.2 258.6





#54

o-Xylene

Concen: 44.539 ug/L

RT: 9.545 min Scan# 2645

Delta R.T. 0.000 min

Lab File: VV021901.D

Acq: 19 Aug 2021 20:01

Tgt Ion:106 Resp: 253415

Ion Ratio Lower Upper

106 100

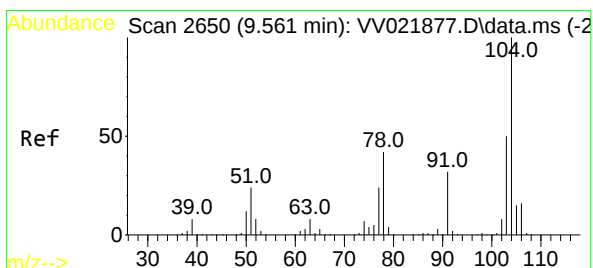
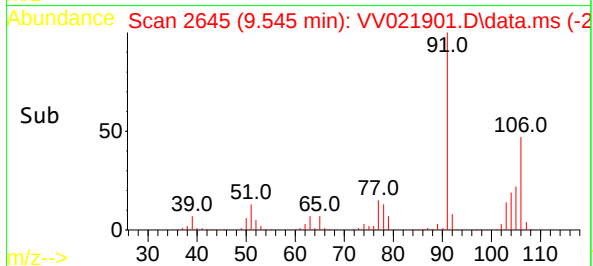
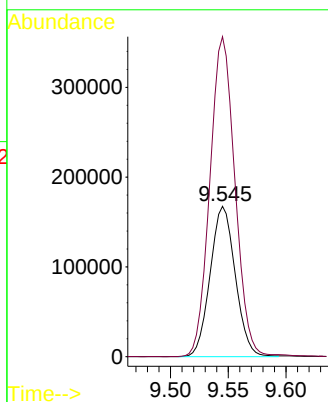
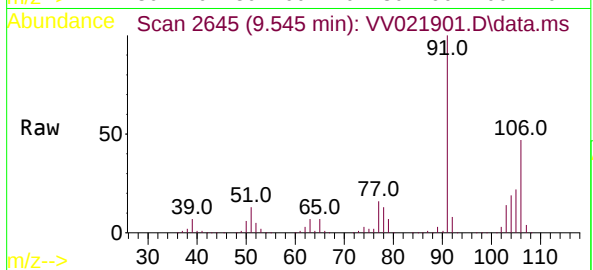
91 212.8 148.1 275.0

Instrument :

MSVOA_V

ClientSampleId :

VSTD050310



#55

Styrene

Concen: 45.893 ug/L

RT: 9.561 min Scan# 2650

Delta R.T. 0.000 min

Lab File: VV021901.D

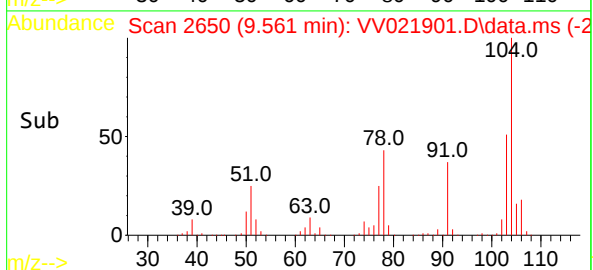
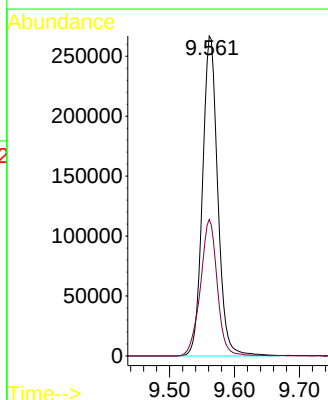
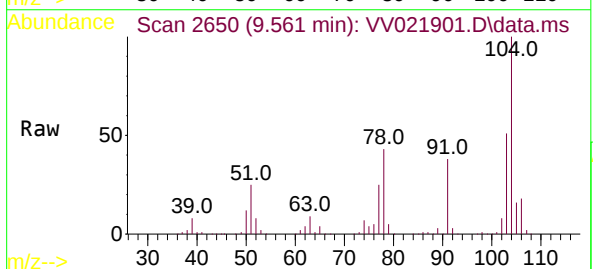
Acq: 19 Aug 2021 20:01

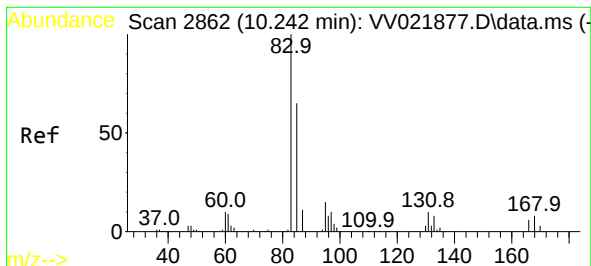
Tgt Ion:104 Resp: 437267

Ion Ratio Lower Upper

104 100

78 42.7 30.2 56.2

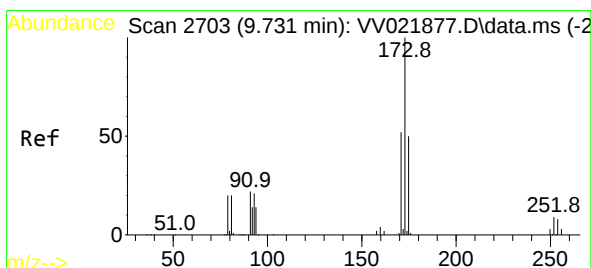
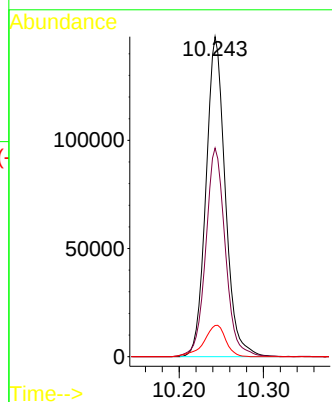
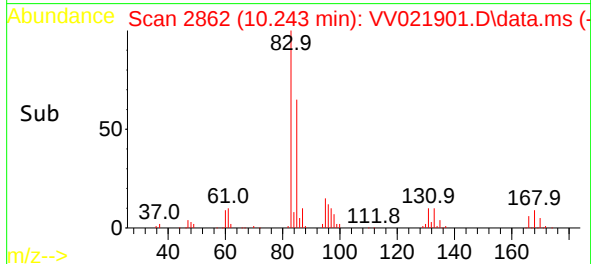
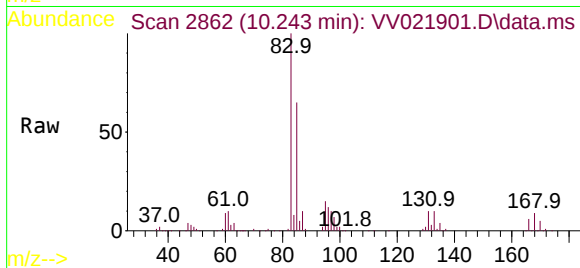




#57
1,1,2,2-Tetrachloroethane
Concen: 51.314 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.000 min
Lab File: VV021901.D
Acq: 19 Aug 2021 20:01

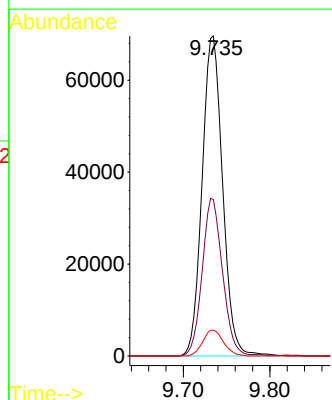
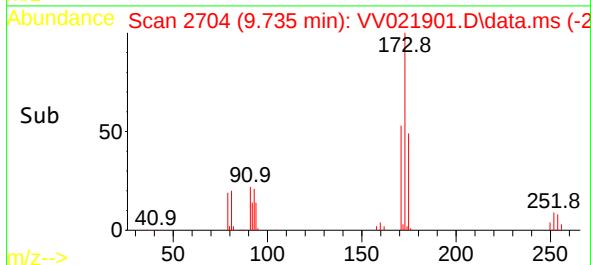
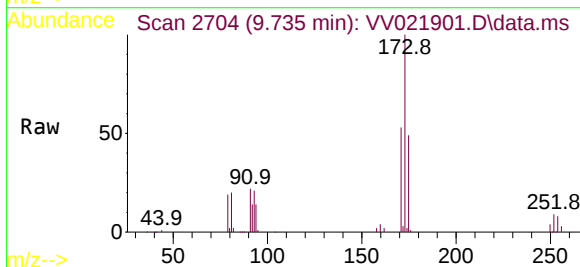
Instrument :
MSVOA_V
ClientSampleId :
VSTD050310

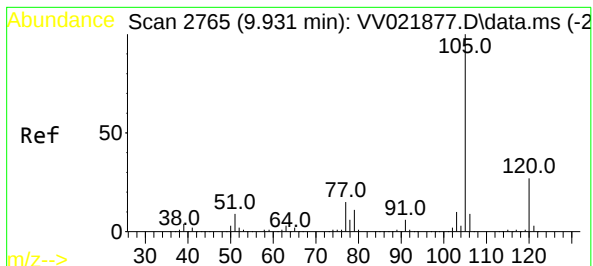
Tgt Ion: 83 Resp: 235528
Ion Ratio Lower Upper
83 100
85 65.2 44.4 82.5
131 9.8 7.9 11.9



#59
Bromoform
Concen: 43.863 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. 0.003 min
Lab File: VV021901.D
Acq: 19 Aug 2021 20:01

Tgt Ion: 173 Resp: 114663
Ion Ratio Lower Upper
173 100
175 48.6 38.6 58.0
254 8.2 7.2 10.8

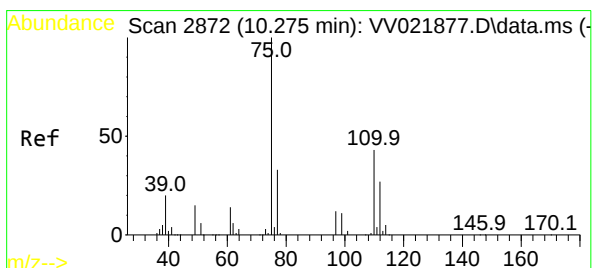
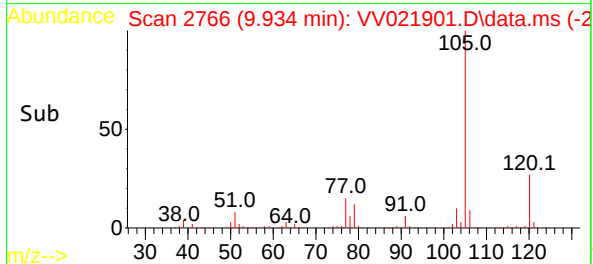
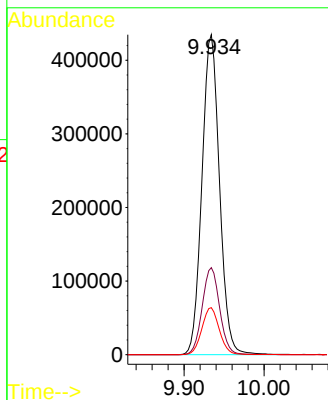
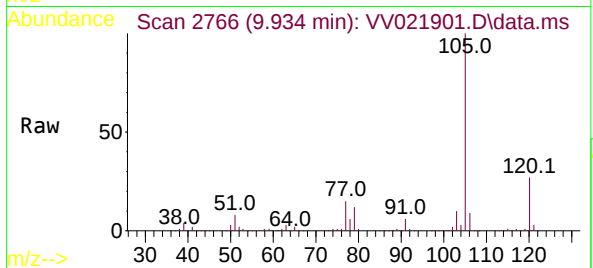




#60
Isopropylbenzene
Concen: 45.106 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VV021901.D
Acq: 19 Aug 2021 20:01

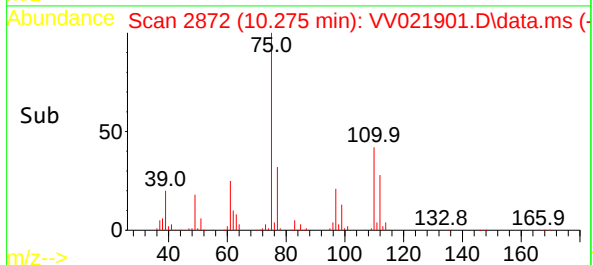
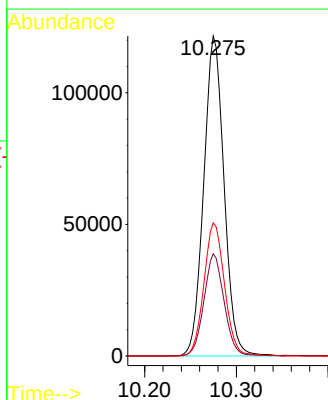
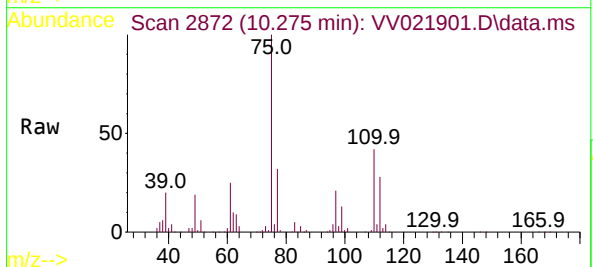
Instrument :
MSVOA_V
ClientSampleId :
VSTD050310

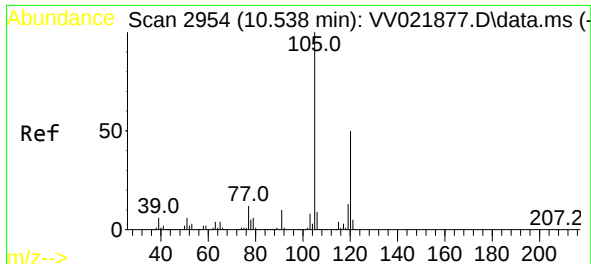
Tgt Ion:105 Resp: 664999
Ion Ratio Lower Upper
105 100
120 27.1 21.3 31.9
77 14.6 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 46.138 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV021901.D
Acq: 19 Aug 2021 20:01

Tgt Ion: 75 Resp: 187499
Ion Ratio Lower Upper
75 100
77 31.7 25.5 38.3
110 42.1 33.4 50.2

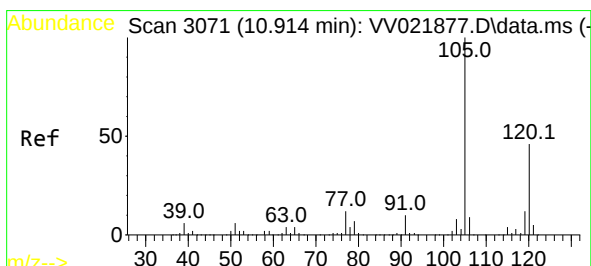
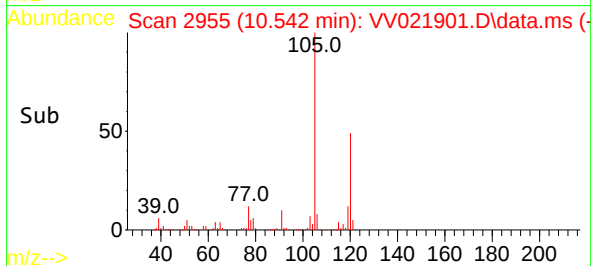
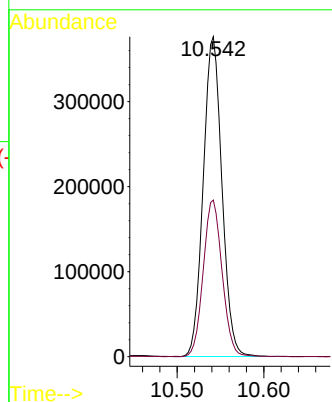
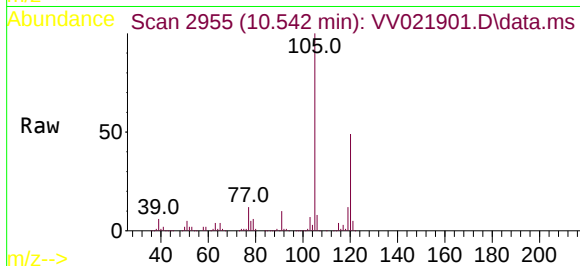




#62
1,3,5-Trimethylbenzene
Concen: 45.585 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.003 min
Lab File: VV021901.D
Acq: 19 Aug 2021 20:01

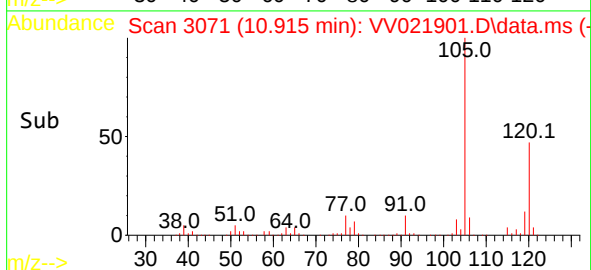
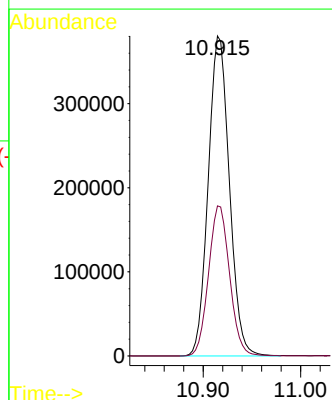
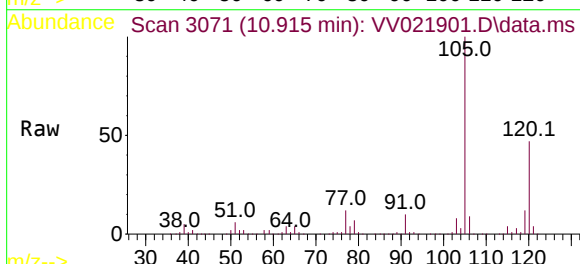
Instrument :
MSVOA_V
ClientSampleId :
VSTD050310

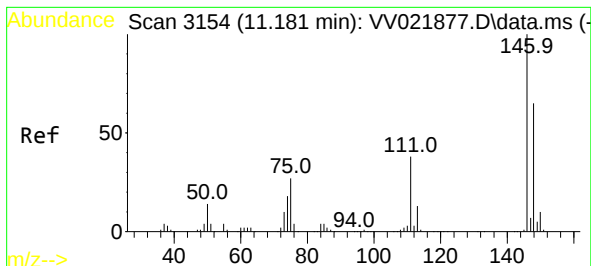
Tgt Ion:105 Resp: 563982
Ion Ratio Lower Upper
105 100
120 49.5 40.2 60.4



#63
1,2,4-Trimethylbenzene
Concen: 45.633 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV021901.D
Acq: 19 Aug 2021 20:01

Tgt Ion:105 Resp: 574037
Ion Ratio Lower Upper
105 100
120 46.8 37.3 55.9

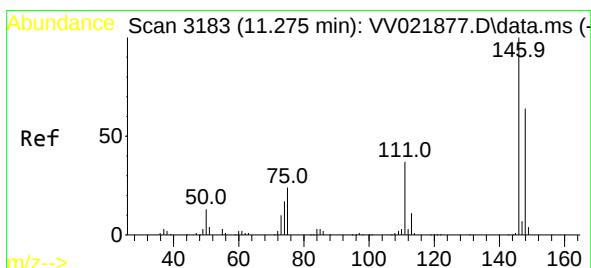
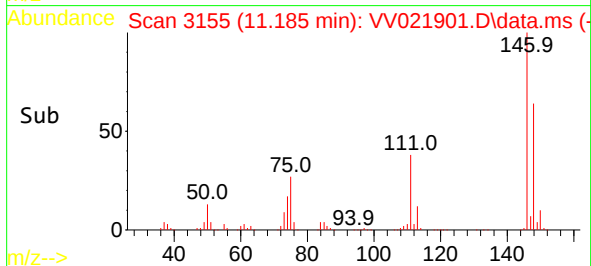
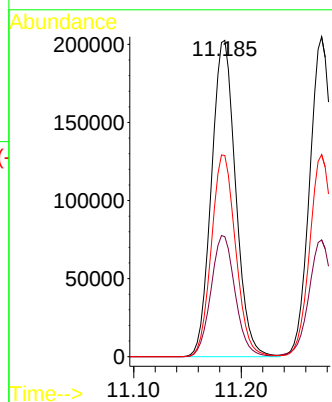
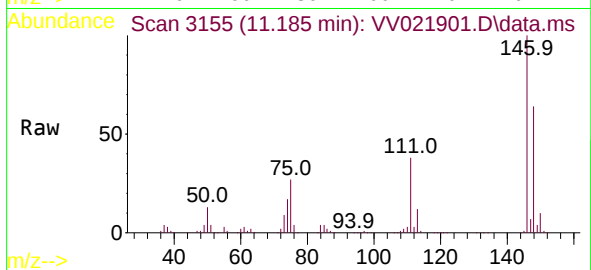




#64
1,3-Dichlorobenzene
Concen: 44.400 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.003 min
Lab File: VV021901.D
Acq: 19 Aug 2021 20:01

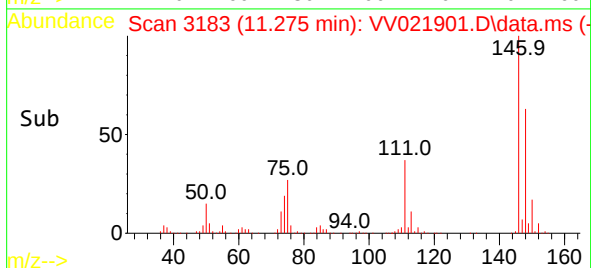
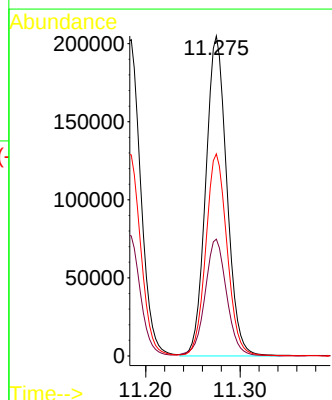
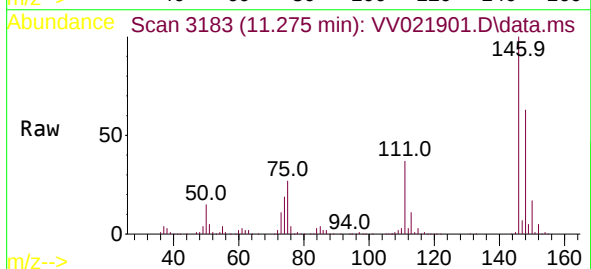
Instrument :
MSVOA_V
ClientSampleId :
VSTD050310

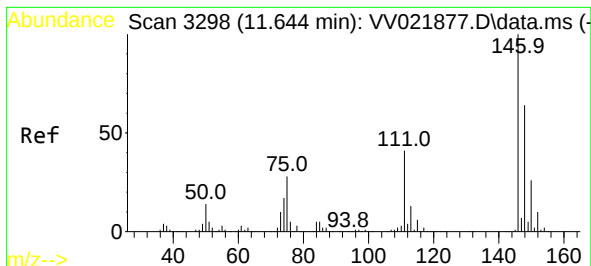
Tgt Ion:146 Resp: 317001
Ion Ratio Lower Upper
146 100
111 37.9 26.5 49.1
148 63.6 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 44.565 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.000 min
Lab File: VV021901.D
Acq: 19 Aug 2021 20:01

Tgt Ion:146 Resp: 317597
Ion Ratio Lower Upper
146 100
111 36.5 26.2 48.6
148 63.1 45.1 83.9

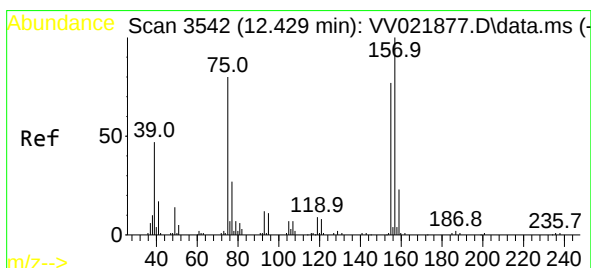
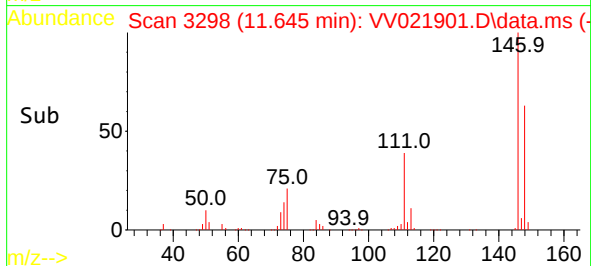
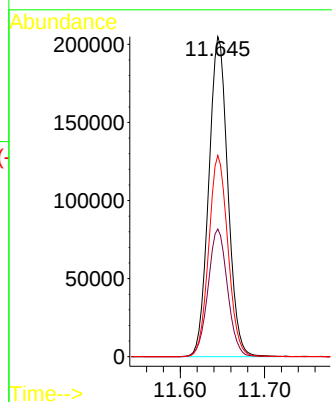
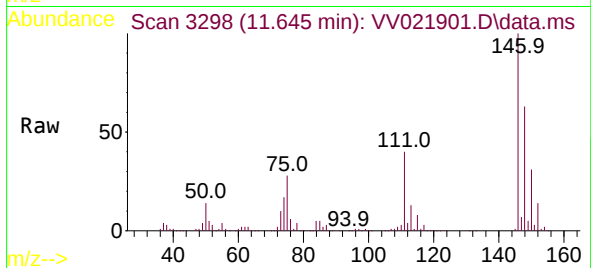




#67
1,2-Dichlorobenzene
Concen: 44.780 ug/L
RT: 11.645 min Scan# 3298
Delta R.T. 0.000 min
Lab File: VV021901.D
Acq: 19 Aug 2021 20:01

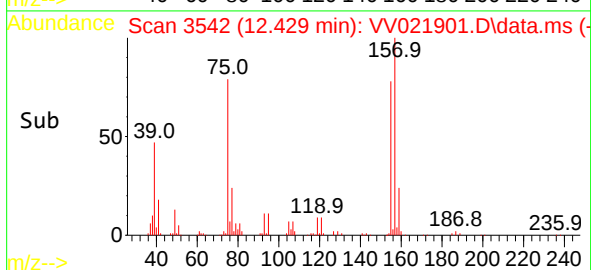
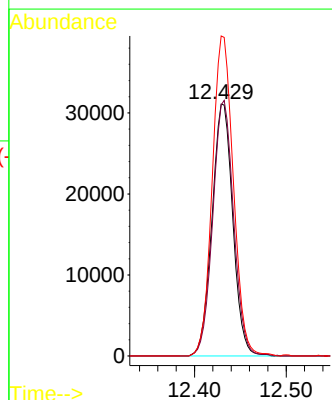
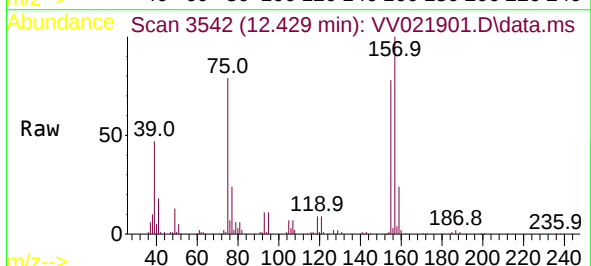
Instrument :
MSVOA_V
ClientSampleId :
VSTD050310

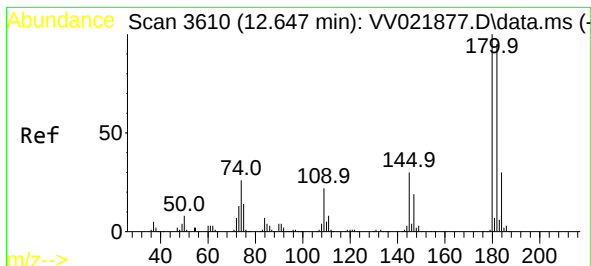
Tgt Ion:146 Resp: 322525
Ion Ratio Lower Upper
146 100
111 39.9 31.8 47.8
148 62.9 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 49.548 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV021901.D
Acq: 19 Aug 2021 20:01

Tgt Ion: 75 Resp: 48956
Ion Ratio Lower Upper
75 100
155 99.7 77.8 116.8
157 127.1 99.4 149.0





#69

1,3,5-Trichlorobenzene

Concen: 44.001 ug/L

RT: 12.648 min Scan# 3610

Delta R.T. 0.000 min

Lab File: VV021901.D

Acq: 19 Aug 2021 20:01

Tgt Ion:180 Resp: 227719

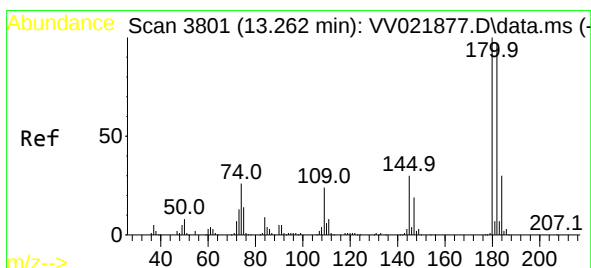
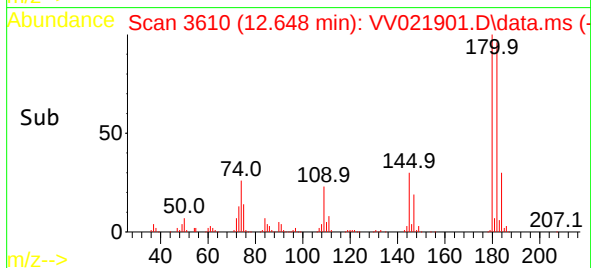
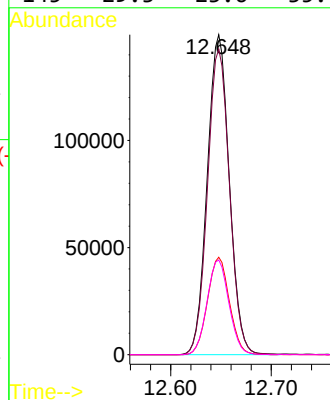
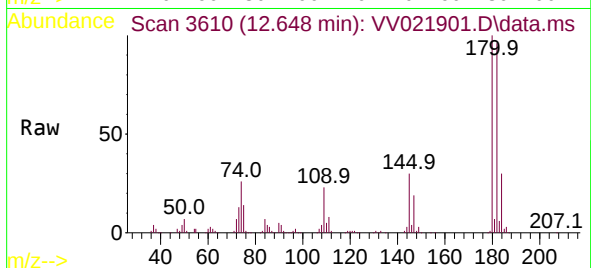
Ion Ratio Lower Upper

180 100

182 95.2 76.8 115.2

184 30.3 24.1 36.1

145 29.3 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 45.530 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. 0.000 min

Lab File: VV021901.D

Acq: 19 Aug 2021 20:01

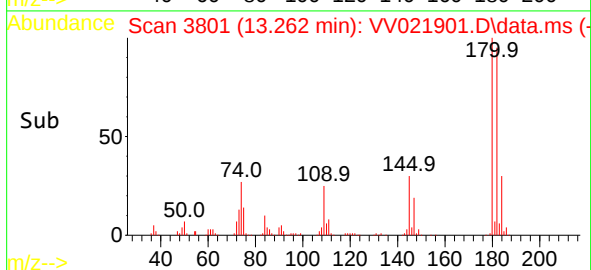
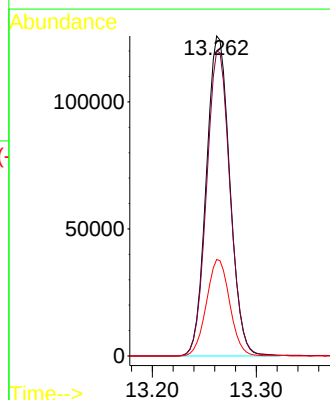
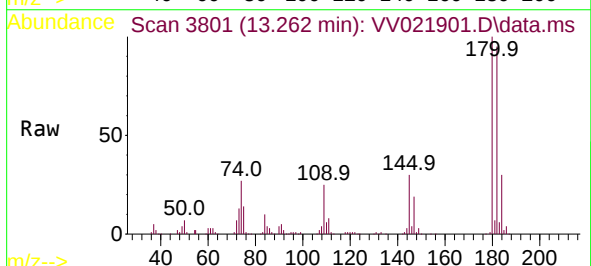
Tgt Ion:180 Resp: 197619

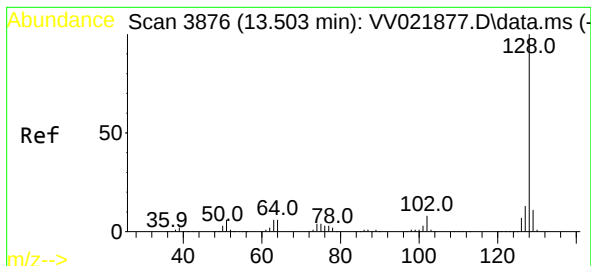
Ion Ratio Lower Upper

180 100

182 95.7 75.8 113.6

145 30.0 23.9 35.9

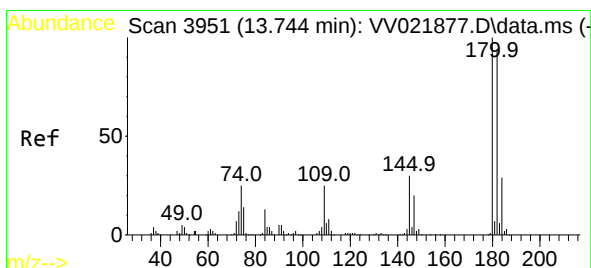
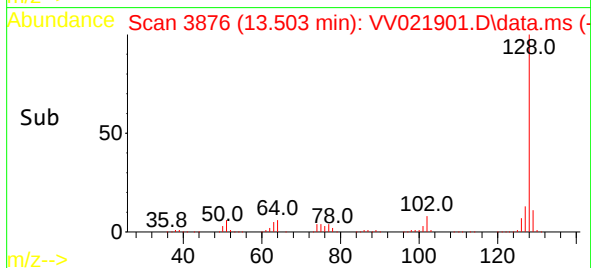
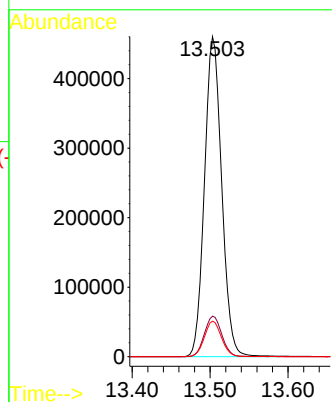
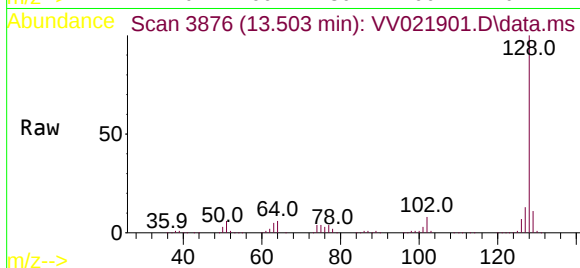




#71
Naphthalene
Concen: 55.910 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV021901.D
Acq: 19 Aug 2021 20:01

Instrument :
MSVOA_V
ClientSampleId :
VSTD050310

Tgt Ion:128 Resp: 704915
Ion Ratio Lower Upper
128 100
127 12.9 10.0 15.0
129 11.1 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 46.269 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. 0.003 min
Lab File: VV021901.D
Acq: 19 Aug 2021 20:01

Tgt Ion:180 Resp: 201750
Ion Ratio Lower Upper
180 100
182 96.6 76.2 114.2
145 32.2 25.6 38.4

