

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040621\
 Data File : VW020937.D
 Acq On : 06 Apr 2021 09:35
 Operator : SY/MD
 Sample : VSTDCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05075

Quant Time: Apr 07 02:06:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 06 06:22:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	583728	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	569059	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.252	152	349459	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	158510	38.25	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	76.50%		
7) Chloroethane-d5	1.568	69	127077	40.56	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	81.12%		
11) 1,1-Dichloroethene-d2	2.108	63	343496	43.93	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.86%		
21) 2-Butanone-d5	3.895	46	228162	84.63	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	84.63%		
24) Chloroform-d	4.349	84	430714	52.29	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	104.58%		
26) 1,2-Dichloroethane-d4	5.030	65	284576	52.45	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	104.90%		
32) Benzene-d6	5.050	84	743338	49.01	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.02%		
36) 1,2-Dichloropropane-d6	6.069	67	213650	45.88	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.76%		
41) Toluene-d8	7.317	98	739923	52.41	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	104.82%		
43) trans-1,3-Dichloroprop...	7.622	79	129453	52.25	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	104.50%		
47) 2-Hexanone-d5	8.091	63	178018	91.18	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	91.18%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	319765	47.14	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.28%		
64) 1,2-Dichlorobenzene-d4	11.628	152	351106	51.77	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.54%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.130	85	260028	47.54	ug/L	100
3) Chloromethane	1.243	50	160466	36.75	ug/L	97
5) Vinyl chloride	1.314	62	186633	41.85	ug/L	100
6) Bromomethane	1.523	94	143393	51.00	ug/L	99
8) Chloroethane	1.587	64	116338	45.16	ug/L	98
9) Trichlorofluoromethane	1.754	101	416906	54.69	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	201062	54.87	ug/L	92
12) 1,1-Dichloroethene	2.117	96	176482	51.81	ug/L	84
13) Acetone	2.191	43	225119	117.09	ug/L	98
14) Carbon disulfide	2.294	76	497617	44.18	ug/L	100
15) Methyl Acetate	2.436	43	164959	41.10	ug/L #	89
16) Methylene chloride	2.506	84	205707	49.52	ug/L	88
17) trans-1,2-Dichloroethene	2.760	96	198322	50.77	ug/L	94
18) Methyl tert-butyl Ether	2.770	73	652534	53.88	ug/L	97
19) 1,1-Dichloroethane	3.188	63	351316	48.41	ug/L	98
20) cis-1,2-Dichloroethene	3.908	96	216081	51.70	ug/L	90
22) 2-Butanone	3.979	43	255278	90.71	ug/L	89
23) Bromochloromethane	4.246	128	125745	55.89	ug/L #	81
25) Chloroform	4.375	83	417238	54.05	ug/L	97
27) 1,2-Dichloroethane	5.130	62	331845	53.82	ug/L	100

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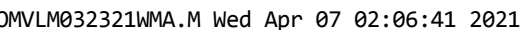
Instrument :
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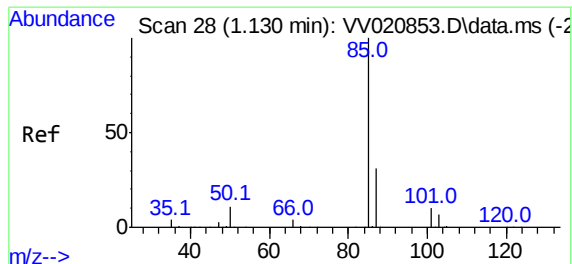
Quant Time: Apr 07 02:06:33 2021
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.677	56	275454	42.80	ug/L	89
30) 1,1,1-Trichloroethane	4.609	97	410849	58.38	ug/L	97
31) Carbon tetrachloride	4.828	117	378752	60.25	ug/L	100
33) Benzene	5.098	78	782185	49.83	ug/L	100
34) Trichloroethene	5.915	95	234178	54.43	ug/L	96
35) Methylcyclohexane	6.130	83	325073	49.24	ug/L	93
37) 1,2-Dichloropropane	6.175	63	186021	45.20	ug/L #	96
38) Bromodichloromethane	6.509	83	318936	55.17	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	336418	52.94	ug/L	99
40) 4-Methyl-2-pentanone	7.226	43	468536	84.89	ug/L #	94
42) Toluene	7.387	91	906617	53.14	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	337617	52.76	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	216195	53.39	ug/L	95
46) Tetrachloroethene	7.976	164	208243	57.98	ug/L	98
48) 2-Hexanone	8.140	43	393953	93.49	ug/L #	96
49) Dibromochloromethane	8.249	129	278087	58.96	ug/L	99
50) 1,2-Dibromoethane	8.352	107	237476	54.76	ug/L #	96
51) Chlorobenzene	8.882	112	610777	53.33	ug/L	97
52) Ethylbenzene	9.014	91	1013251	52.04	ug/L	98
53) m,p-Xylene	9.140	106	398456	55.02	ug/L	99
54) o-xylene	9.548	106	390250	55.91	ug/L	93
55) Styrene	9.564	104	678783	55.35	ug/L	97
56) Isopropylbenzene	9.934	105	1076693	56.02	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.246	83	317174	48.02	ug/L	99
59) 1,2,3-Trichloropropane	10.278	75	272607	50.72	ug/L	97
61) Bromoform	9.734	173	223066	56.22	ug/L	99
62) 1,3-Dichlorobenzene	11.185	146	552527	51.81	ug/L	100
63) 1,4-Dichlorobenzene	11.278	146	561010	50.58	ug/L	100
65) 1,2-Dichlorobenzene	11.648	146	553045	52.62	ug/L	99
66) 1,2-Dibromo-3-chloropr...	12.435	75	80567	45.34	ug/L	88
67) 1,3,5-Trichlorobenzene	12.651	180	439538	53.17	ug/L	100
68) 1,2,4-trichlorobenzene	13.268	180	372559	53.16	ug/L	99
69) Naphthalene	13.509	128	1003924	50.04	ug/L	100
70) 1,2,3-Trichlorobenzene	13.750	180	374571	53.37	ug/L	98

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

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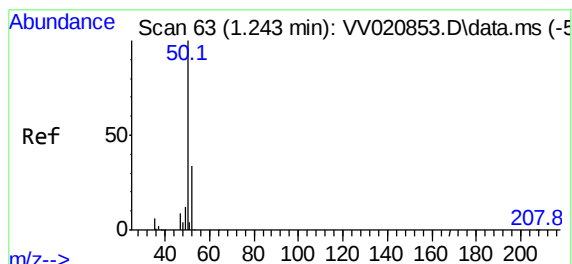
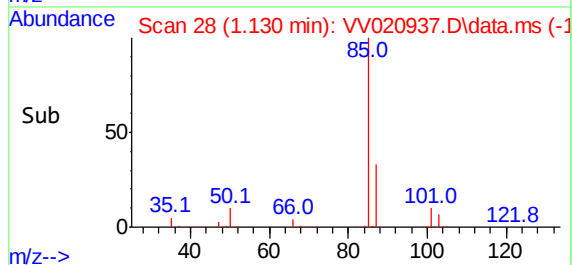
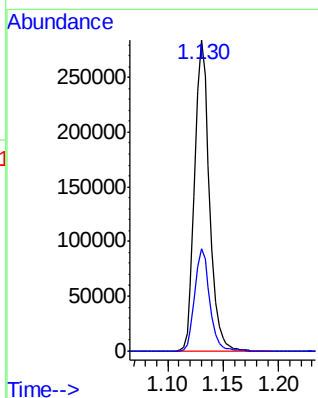
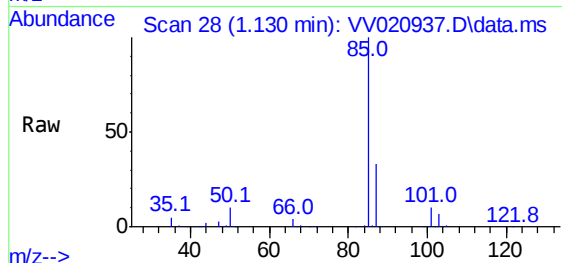




#2
Dichlorodifluoromethane
Concen: 47.54 ug/L
RT: 1.130 min Scan# 28
Delta R.T. -0.000 min
Lab File: VV020937.D
Acq: 06 Apr 2021 09:35

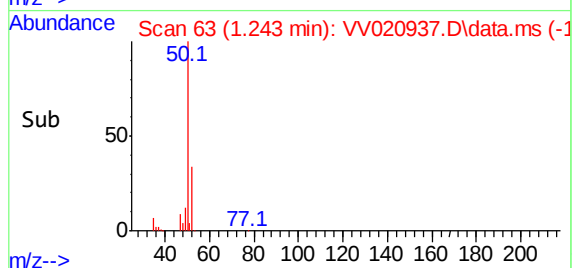
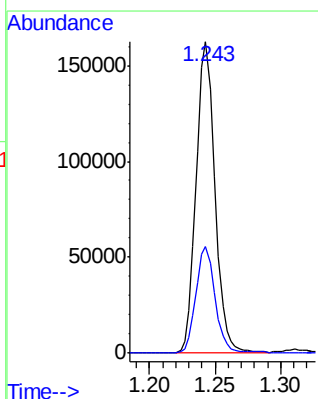
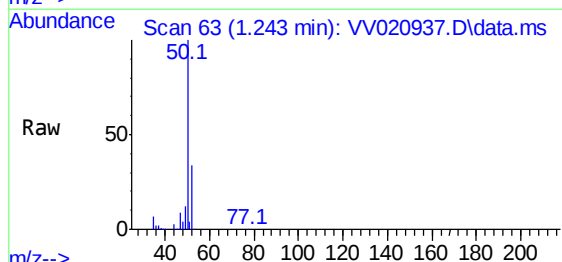
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VSTD05075

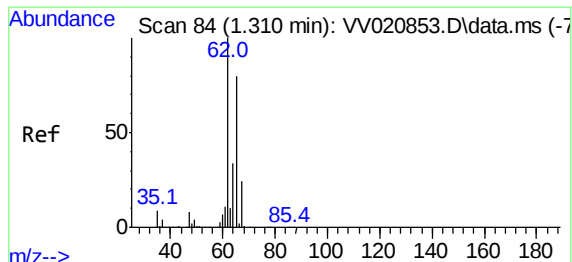
Tgt Ion: 85 Resp: 260028
Ion Ratio Lower Upper
85 100
87 33.0 26.3 39.5



#3
Chloromethane
Concen: 36.75 ug/L
RT: 1.243 min Scan# 63
Delta R.T. -0.000 min
Lab File: VV020937.D
Acq: 06 Apr 2021 09:35

Tgt Ion: 50 Resp: 160466
Ion Ratio Lower Upper
50 100
52 34.2 22.7 42.1

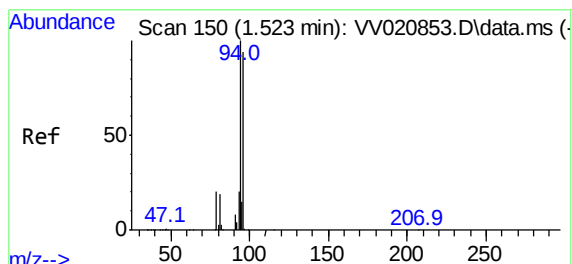
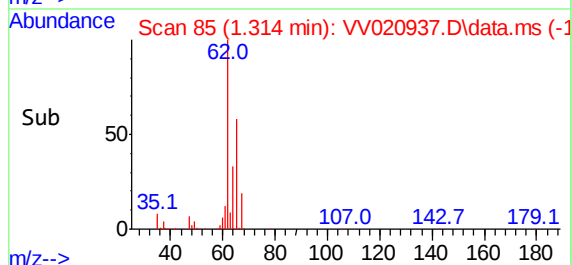
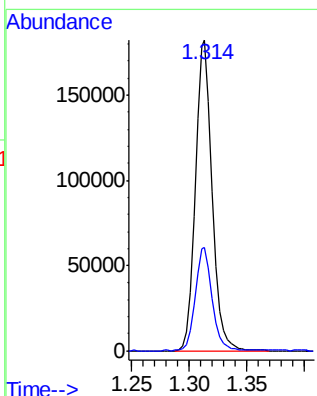
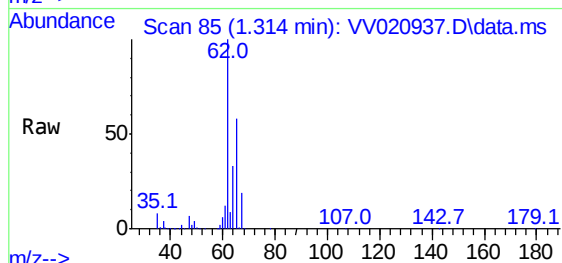




#5
 Vinyl chloride
 Concen: 41.85 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.003 min
 Lab File: VV020937.D
 Acq: 06 Apr 2021 09:35

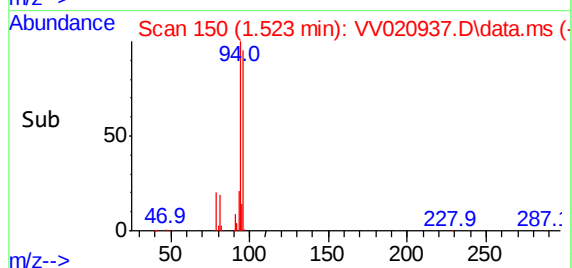
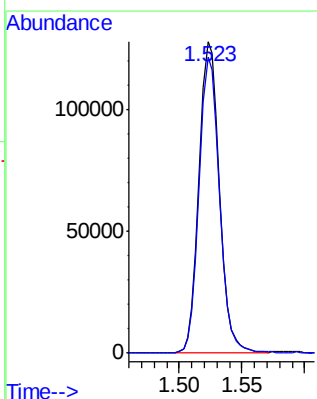
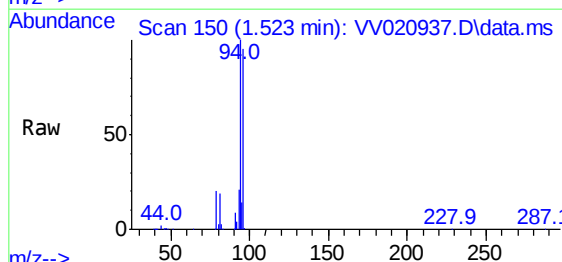
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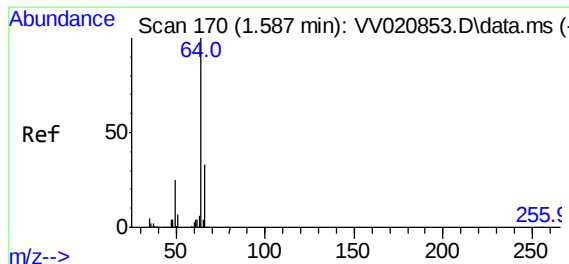
Tgt Ion: 62 Resp: 186633
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.3 43.3



#6
 Bromomethane
 Concen: 51.00 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV020937.D
 Acq: 06 Apr 2021 09:35

Tgt Ion: 94 Resp: 143393
 Ion Ratio Lower Upper
 94 100
 96 94.9 65.6 121.8

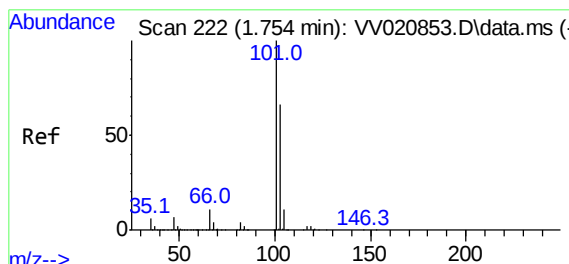
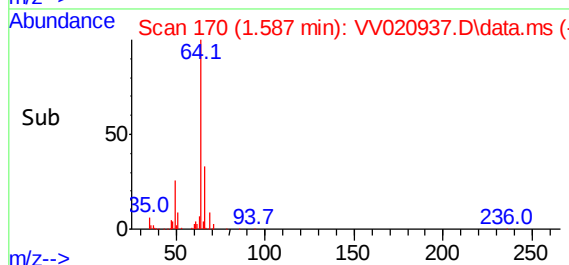
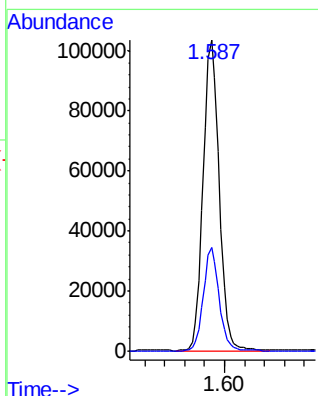
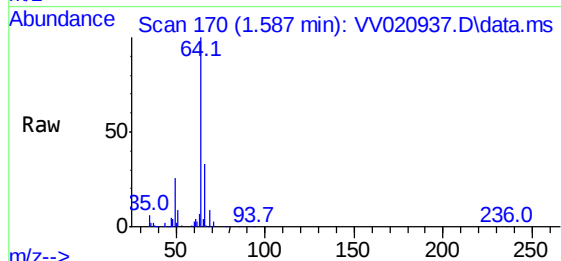




#8
Chloroethane
Concen: 45.16 ug/L
RT: 1.587 min Scan# 170
Delta R.T. -0.000 min
Lab File: VV020937.D
Acq: 06 Apr 2021 09:35

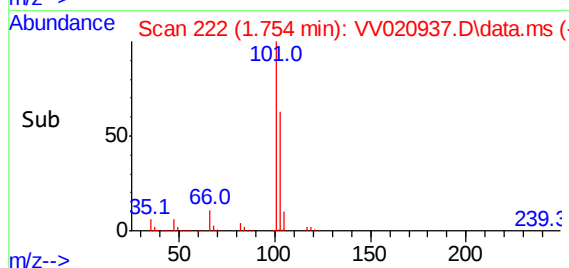
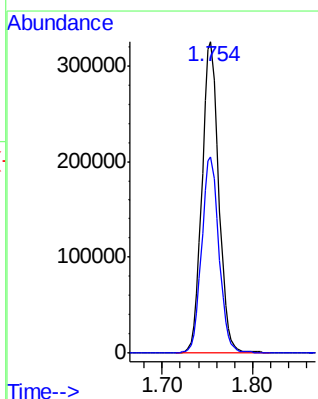
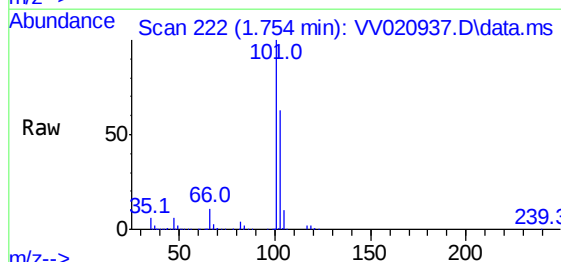
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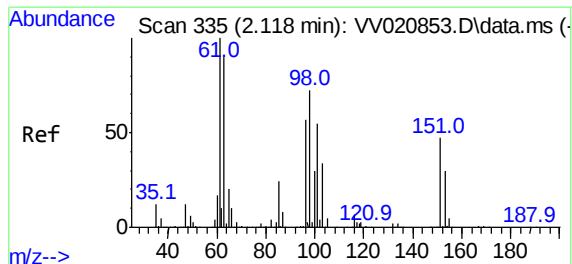
Tgt Ion: 64 Resp: 116338
Ion Ratio Lower Upper
64 100
66 33.3 22.4 41.6



#9
Trichlorofluoromethane
Concen: 54.69 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV020937.D
Acq: 06 Apr 2021 09:35

Tgt Ion: 101 Resp: 416906
Ion Ratio Lower Upper
101 100
103 64.6 51.2 76.8

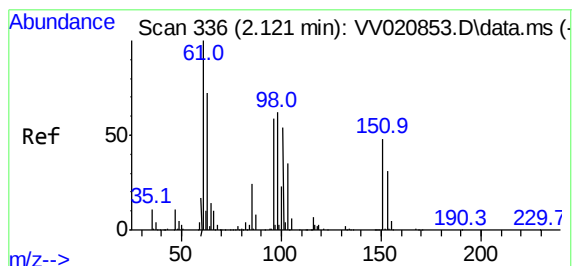
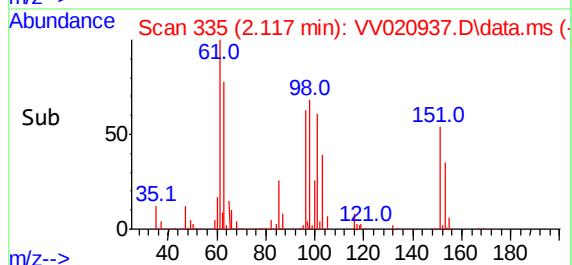
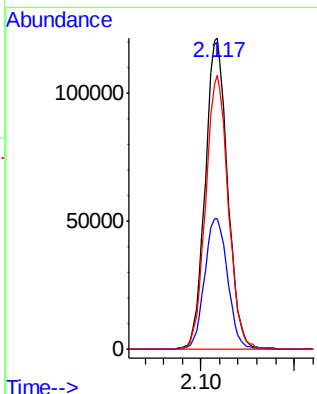
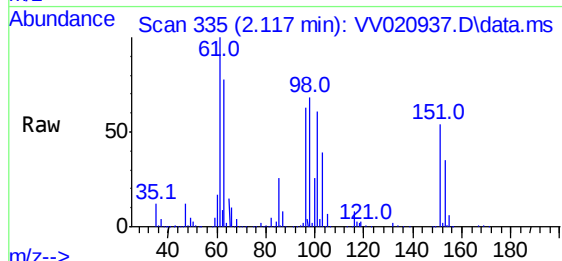




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 54.87 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV020937.D
 Acq: 06 Apr 2021 09:35

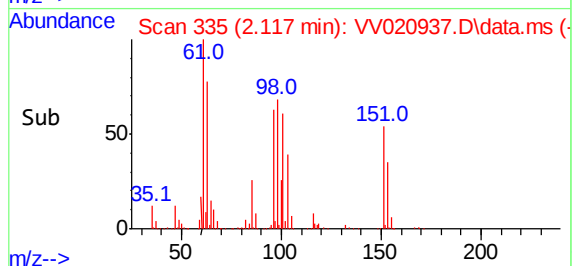
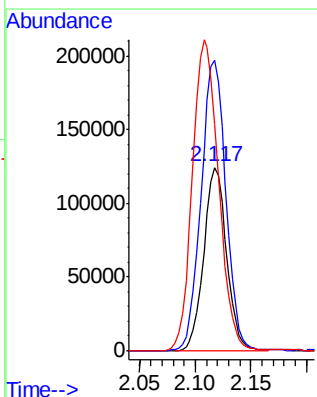
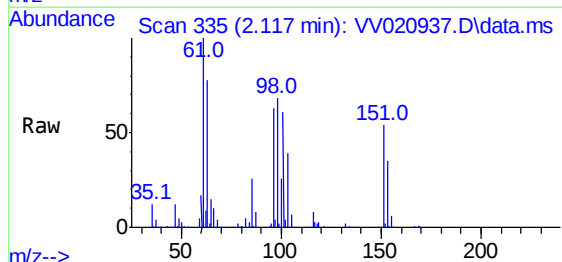
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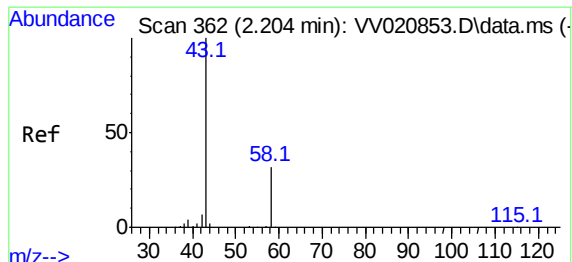
Tgt Ion:101 Resp: 201062
 Ion Ratio Lower Upper
 101 100
 85 43.3 35.4 53.0
 151 89.1 63.5 95.3



#12
 1,1-Dichloroethene
 Concen: 51.81 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV020937.D
 Acq: 06 Apr 2021 09:35

Tgt Ion: 96 Resp: 176482
 Ion Ratio Lower Upper
 96 100
 61 158.6 126.3 234.6
 63 123.6 100.2 186.2

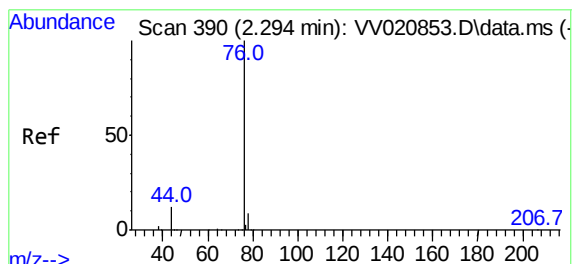
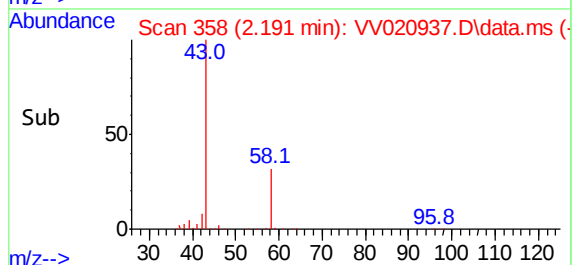
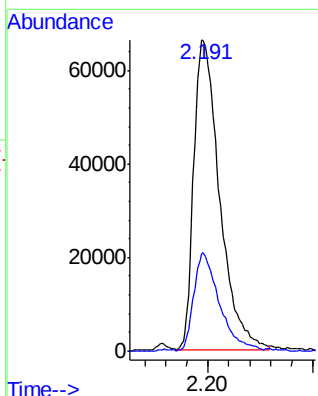
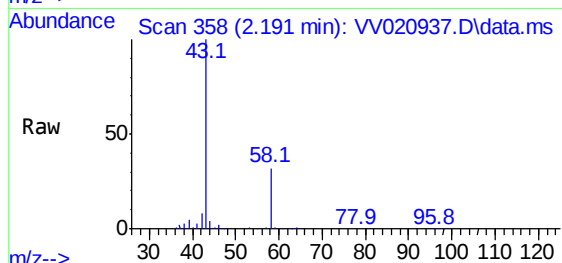




#13
Acetone
Concen: 117.09 ug/L
RT: 2.191 min Scan# 358
Delta R.T. -0.000 min
Lab File: VV020937.D
Acq: 06 Apr 2021 09:35

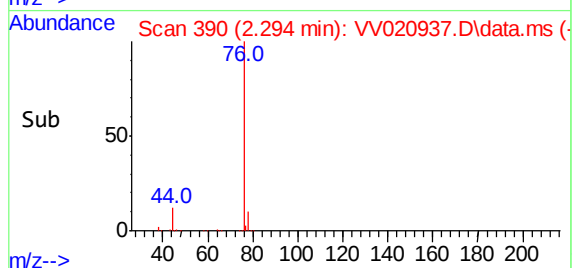
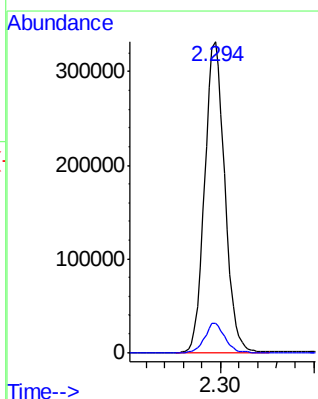
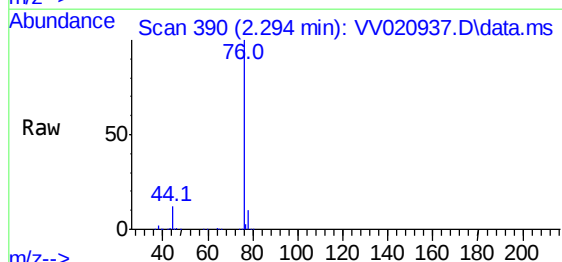
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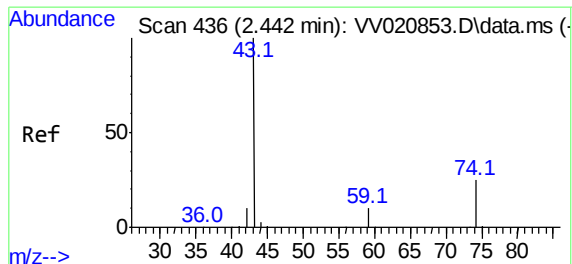
Tgt Ion: 43 Resp: 225119
Ion Ratio Lower Upper
43 100
58 31.4 0.0 60.8



#14
Carbon disulfide
Concen: 44.18 ug/L
RT: 2.294 min Scan# 390
Delta R.T. -0.000 min
Lab File: VV020937.D
Acq: 06 Apr 2021 09:35

Tgt Ion: 76 Resp: 497617
Ion Ratio Lower Upper
76 100
78 9.5 7.5 11.3

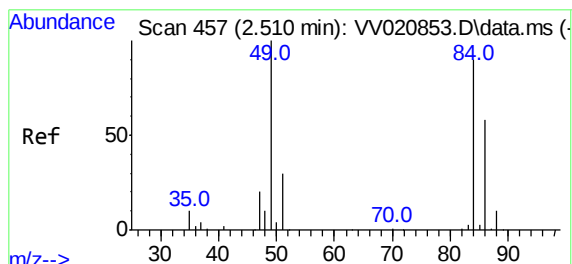
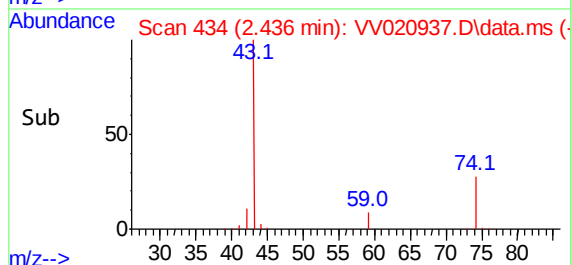
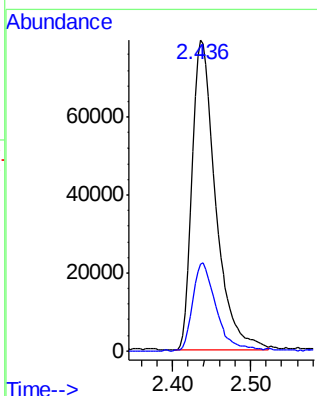
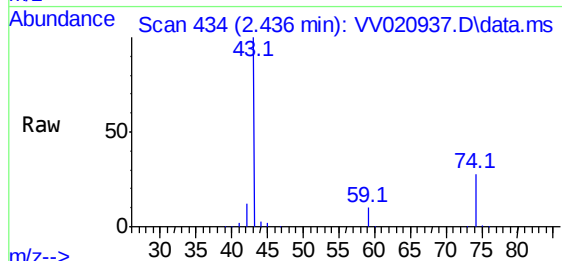




#15
Methyl Acetate
Concen: 41.10 ug/L
RT: 2.436 min Scan# 434
Delta R.T. -0.003 min
Lab File: VV020937.D
Acq: 06 Apr 2021 09:35

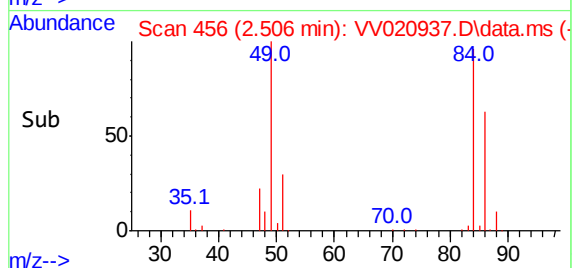
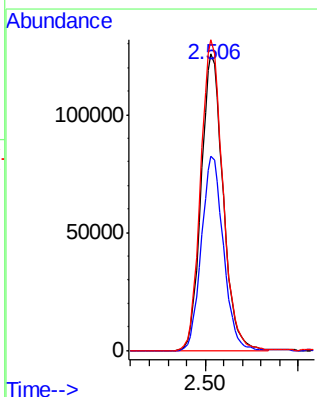
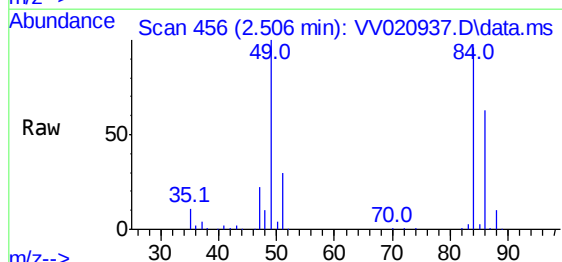
Instrument :
MSVOA_V
ClientSampleId :
VSTD05075

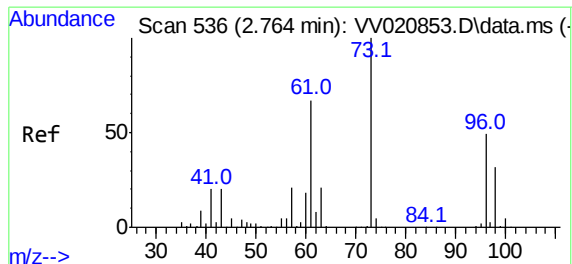
Tgt Ion: 43 Resp: 164959
Ion Ratio Lower Upper
43 100
74 28.3 18.4 27.6#



#16
Methylene chloride
Concen: 49.52 ug/L
RT: 2.506 min Scan# 456
Delta R.T. -0.000 min
Lab File: VV020937.D
Acq: 06 Apr 2021 09:35

Tgt Ion: 84 Resp: 205707
Ion Ratio Lower Upper
84 100
86 65.6 43.9 81.5
49 104.7 86.3 160.3

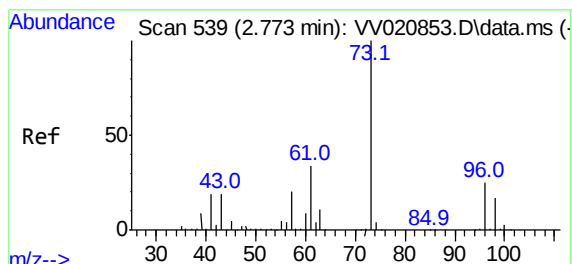
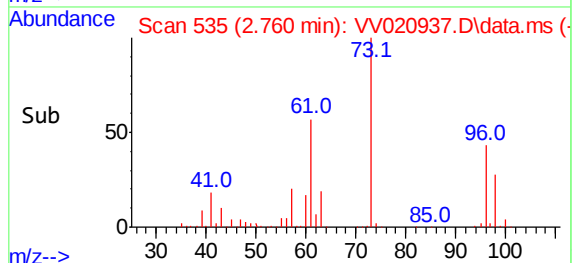
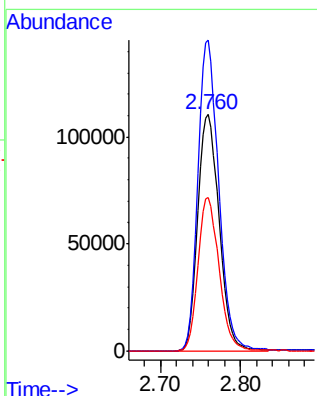
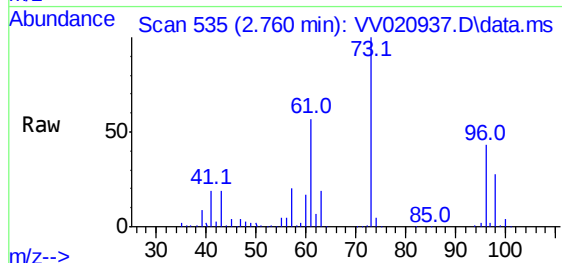




#17
trans-1,2-Dichloroethene
Concen: 50.77 ug/L
RT: 2.760 min Scan# 535
Delta R.T. -0.000 min
Lab File: VV020937.D
Acq: 06 Apr 2021 09:35

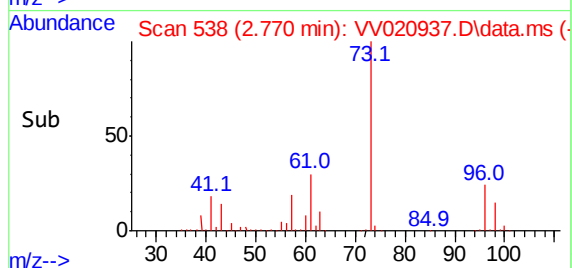
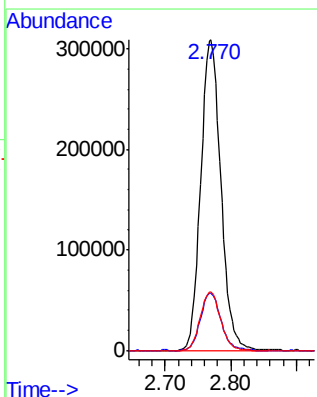
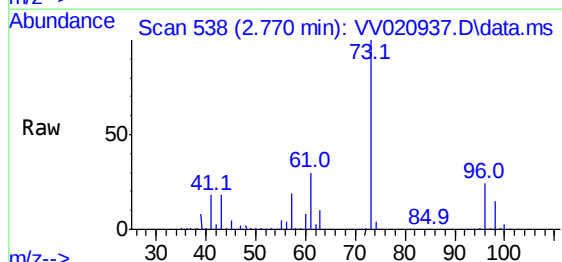
Instrument :
MSVOA_V
ClientSampleId :
VSTD05075

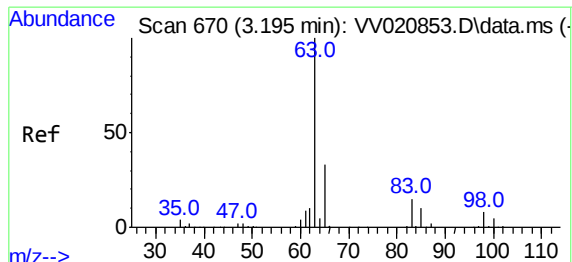
Tgt Ion: 96 Resp: 198322
Ion Ratio Lower Upper
96 100
61 131.7 97.9 181.9
98 65.2 43.9 81.5



#18
Methyl tert-butyl Ether
Concen: 53.88 ug/L
RT: 2.770 min Scan# 538
Delta R.T. -0.000 min
Lab File: VV020937.D
Acq: 06 Apr 2021 09:35

Tgt Ion: 73 Resp: 652534
Ion Ratio Lower Upper
73 100
43 18.7 15.4 23.0
57 19.1 17.0 25.6

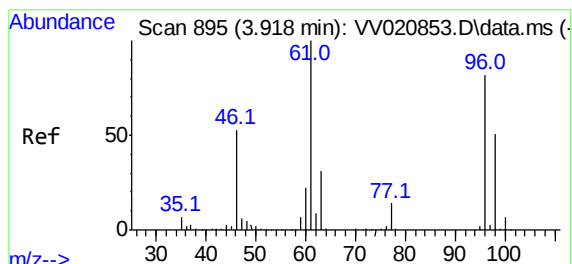
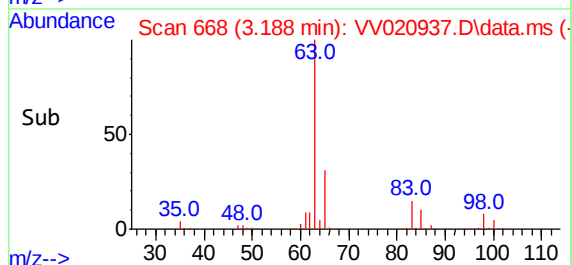
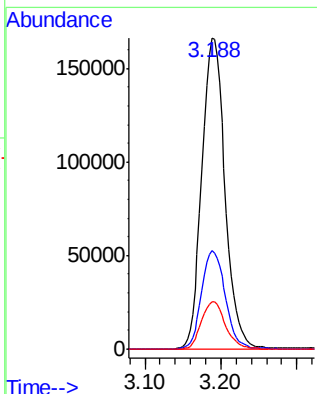
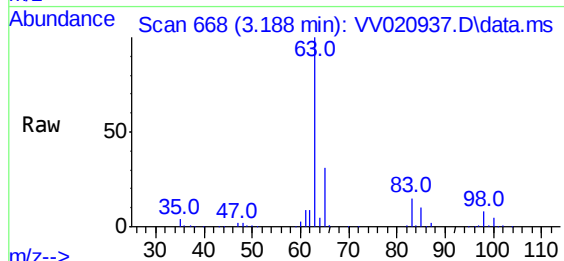




#19
1,1-Dichloroethane
Concen: 48.41 ug/L
RT: 3.188 min Scan# 668
Delta R.T. -0.003 min
Lab File: VV020937.D
Acq: 06 Apr 2021 09:35

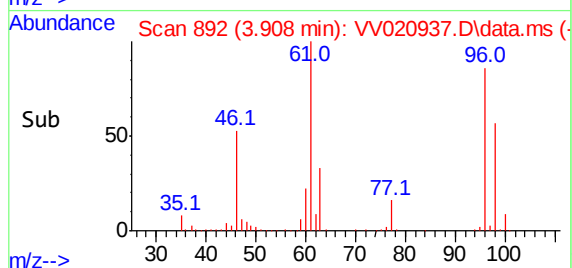
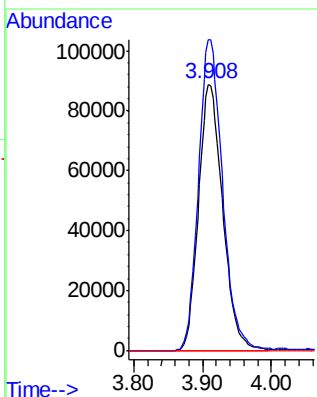
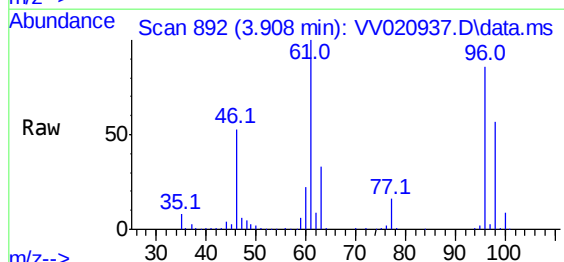
Instrument :
MSVOA_V
ClientSampleId :
VSTD05075

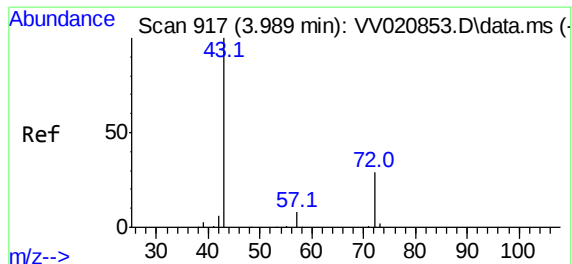
Tgt Ion: 63 Resp: 351316
Ion Ratio Lower Upper
63 100
65 31.5 22.5 41.9
83 15.0 9.7 17.9



#20
cis-1,2-Dichloroethene
Concen: 51.70 ug/L
RT: 3.908 min Scan# 892
Delta R.T. -0.003 min
Lab File: VV020937.D
Acq: 06 Apr 2021 09:35

Tgt Ion: 96 Resp: 216081
Ion Ratio Lower Upper
96 100
61 116.8 89.9 167.0
68 0.0 0.0 0.0

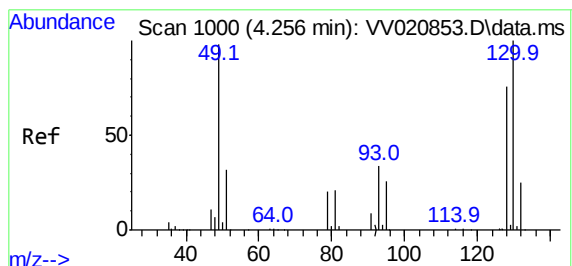
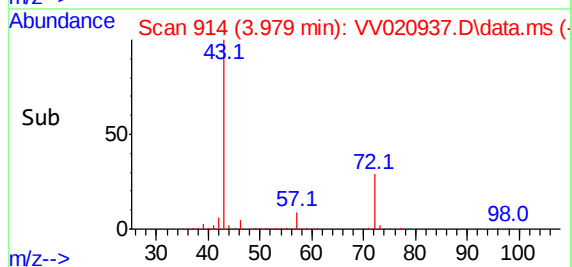
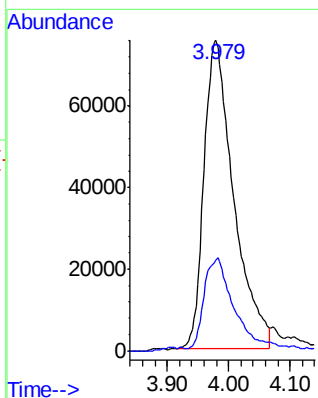
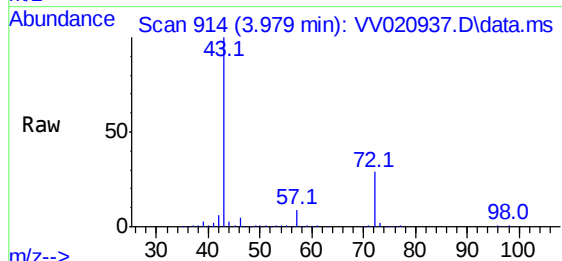




#22
2-Butanone
Concen: 90.71 ug/L
RT: 3.979 min Scan# 914
Delta R.T. -0.000 min
Lab File: VV020937.D
Acq: 06 Apr 2021 09:35

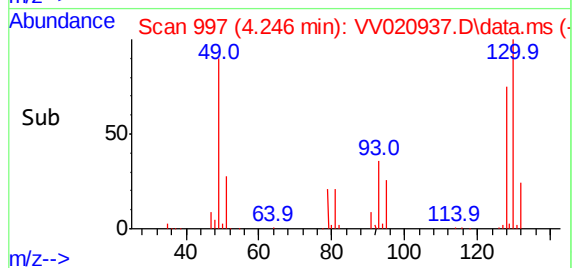
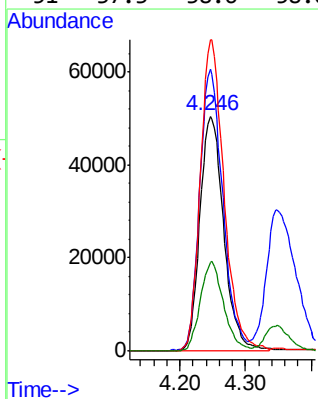
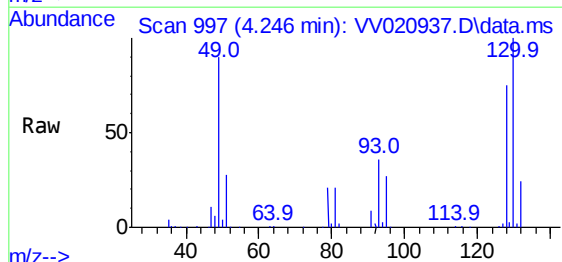
Instrument :
MSVOA_V
ClientSampleId :
VSTD05075

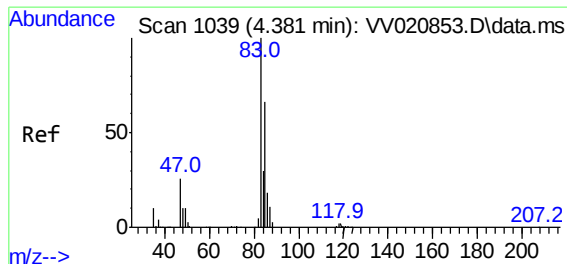
Tgt Ion: 43 Resp: 255278
Ion Ratio Lower Upper
43 100
72 29.1 11.9 35.9



#23
Bromochloromethane
Concen: 55.89 ug/L
RT: 4.246 min Scan# 997
Delta R.T. -0.003 min
Lab File: VV020937.D
Acq: 06 Apr 2021 09:35

Tgt Ion: 128 Resp: 125745
Ion Ratio Lower Upper
128 100
49 119.9 113.3 210.3
130 132.6 88.7 164.7
51 37.3 38.6 58.0#

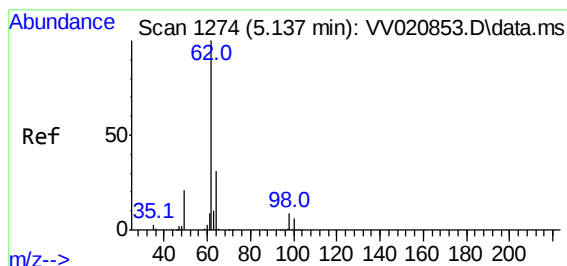
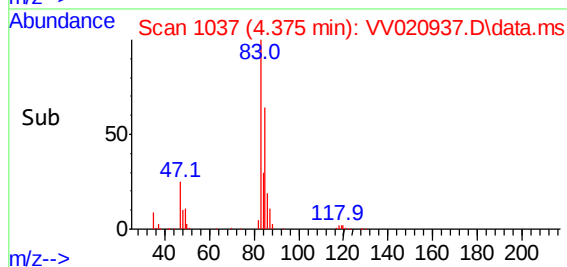
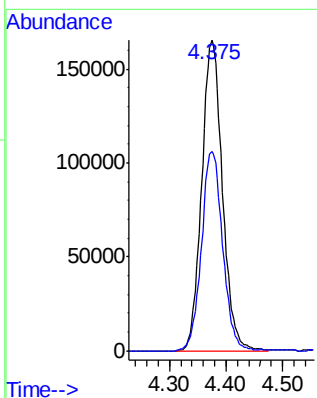
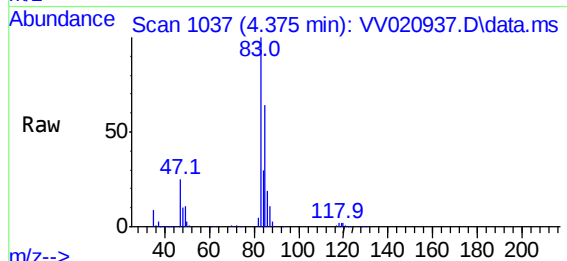




#25
Chloroform
Concen: 54.05 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. -0.003 min
Lab File: VV020937.D
Acq: 06 Apr 2021 09:35

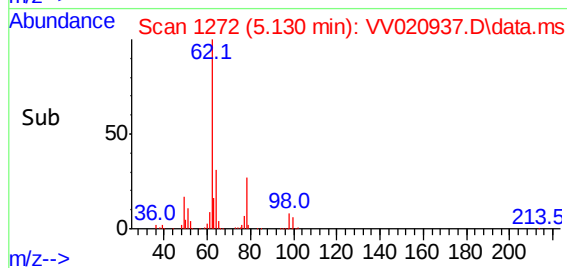
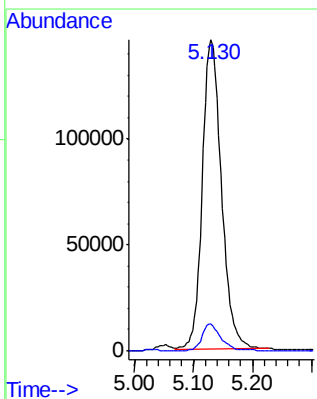
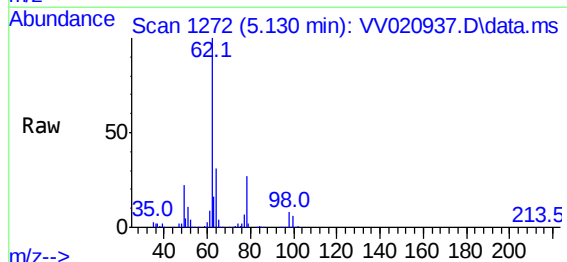
Instrument :
MSVOA_V
ClientSampleId :
VSTD05075

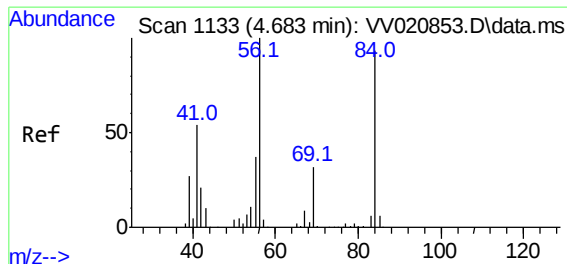
Tgt Ion: 83 Resp: 417238
Ion Ratio Lower Upper
83 100
85 64.2 46.7 86.7



#27
1,2-Dichloroethane
Concen: 53.82 ug/L
RT: 5.130 min Scan# 1272
Delta R.T. -0.003 min
Lab File: VV020937.D
Acq: 06 Apr 2021 09:35

Tgt Ion: 62 Resp: 331845
Ion Ratio Lower Upper
62 100
98 8.5 6.8 10.2



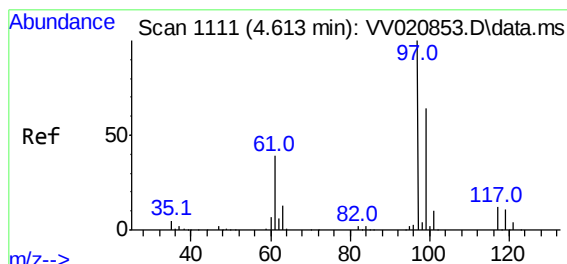
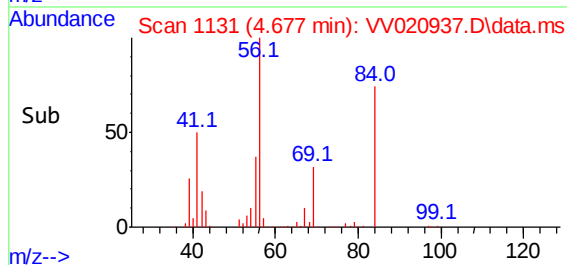
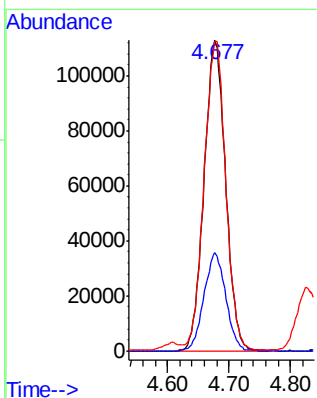
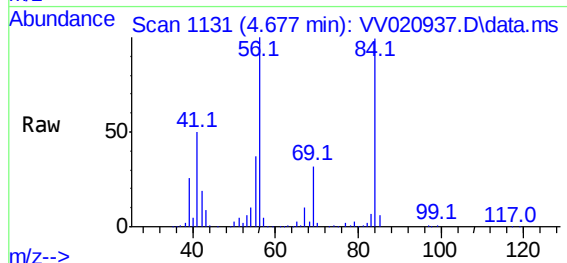


#29
Cyclohexane
Concen: 42.80 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. -0.003 min
Lab File: VV020937.D
Acq: 06 Apr 2021 09:35

Instrument :
MSVOA_V
ClientSampleId :
VSTD05075

Tgt Ion: 56 Resp: 275454

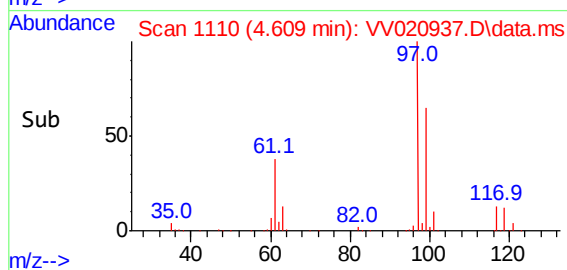
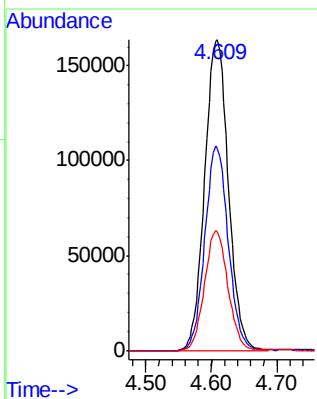
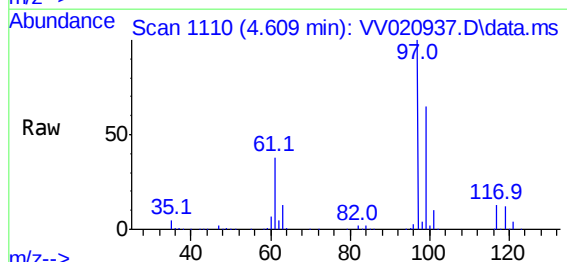
Ion	Ratio	Lower	Upper
56	100		
69	31.9	24.4	36.6
84	100.2	69.9	104.9

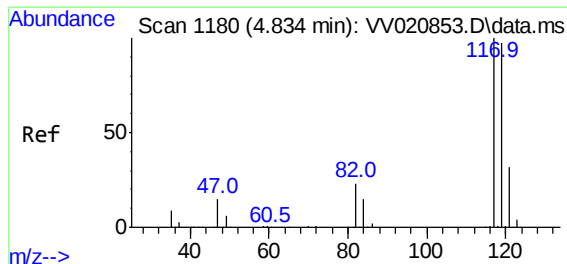


#30
1,1,1-Trichloroethane
Concen: 58.38 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VV020937.D
Acq: 06 Apr 2021 09:35

Tgt Ion: 97 Resp: 410849

Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.4	77.2
61	37.9	33.9	50.9

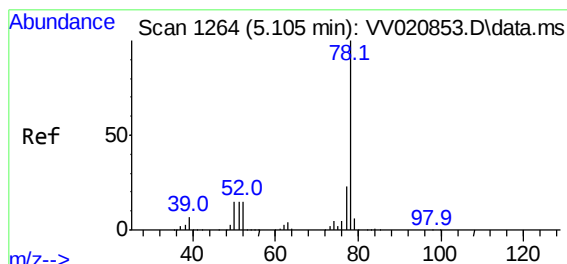
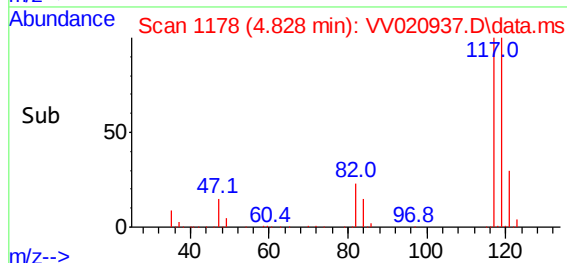
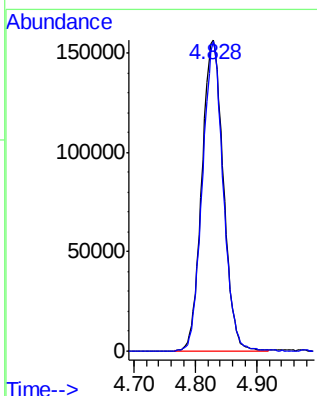
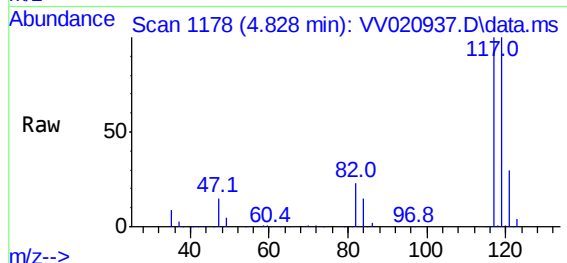




#31
Carbon tetrachloride
Concen: 60.25 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. -0.003 min
Lab File: VV020937.D
Acq: 06 Apr 2021 09:35

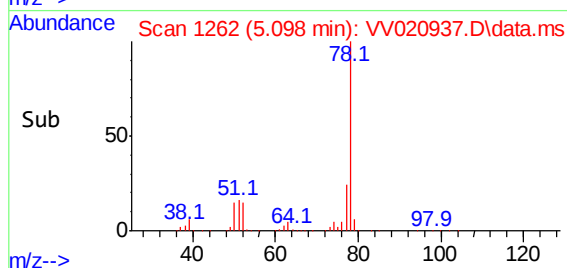
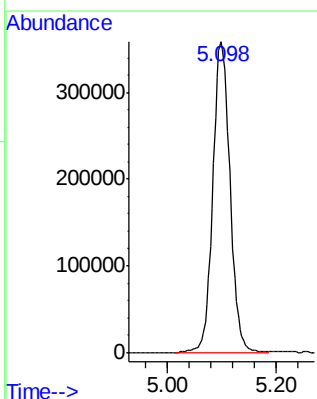
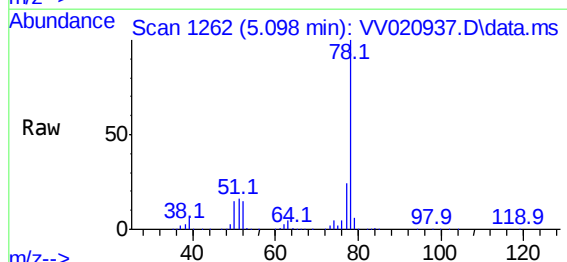
Instrument :
MSVOA_V
ClientSampleId :
VSTD05075

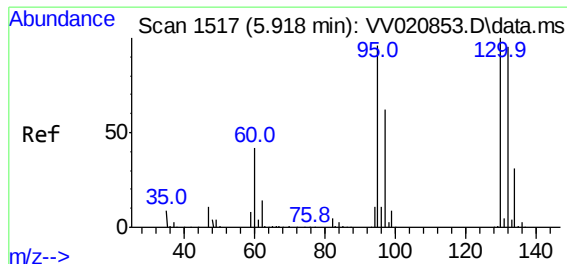
Tgt Ion:117 Resp: 378752
Ion Ratio Lower Upper
117 100
119 96.4 76.9 115.3



#33
Benzene
Concen: 49.83 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. -0.003 min
Lab File: VV020937.D
Acq: 06 Apr 2021 09:35

Tgt Ion: 78 Resp: 782185

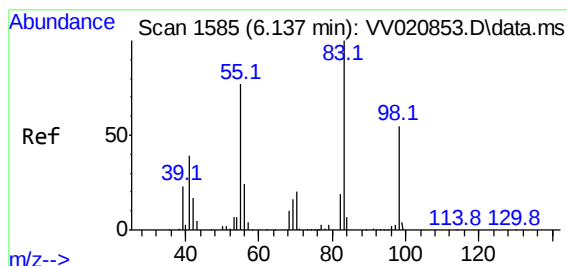
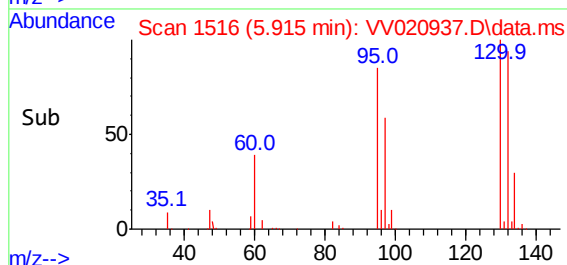
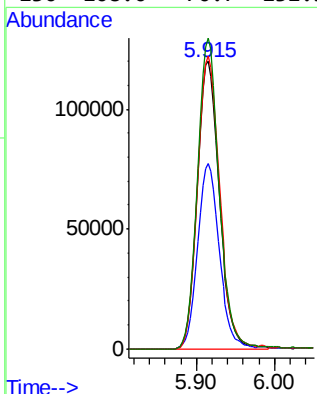
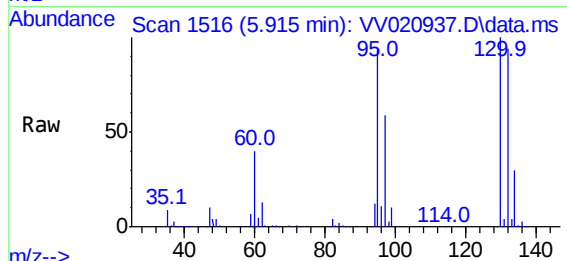




#34
Trichloroethene
Concen: 54.43 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.003 min
Lab File: VV020937.D
Acq: 06 Apr 2021 09:35

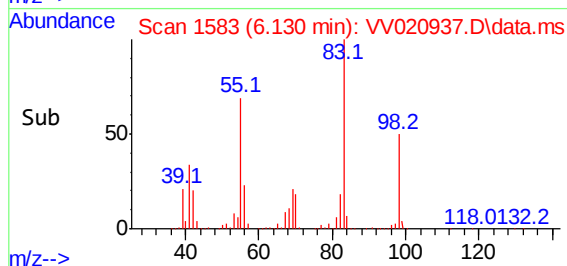
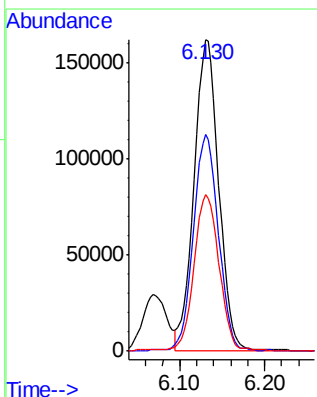
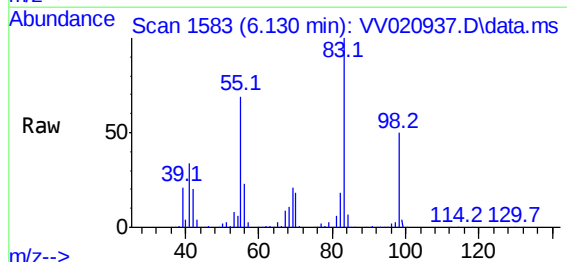
Instrument :
MSVOA_V
ClientSampleId :
VSTD05075

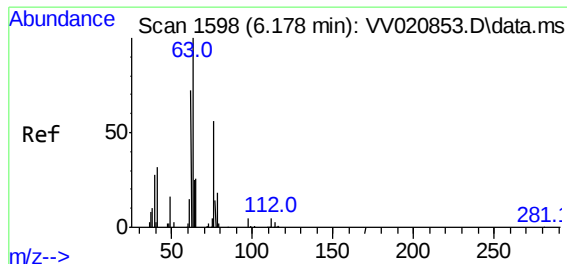
Tgt Ion: 95 Resp: 234178
Ion Ratio Lower Upper
95 100
97 64.2 43.5 80.9
132 101.8 69.5 129.1
130 108.0 70.7 131.3



#35
Methylcyclohexane
Concen: 49.24 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. -0.003 min
Lab File: VV020937.D
Acq: 06 Apr 2021 09:35

Tgt Ion: 83 Resp: 325073
Ion Ratio Lower Upper
83 100
55 70.3 62.7 94.1
98 50.9 38.9 58.3

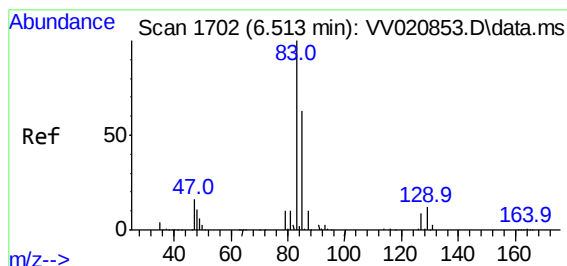
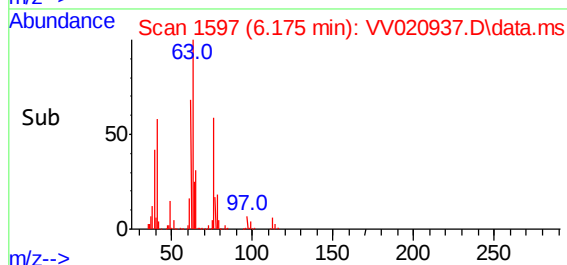
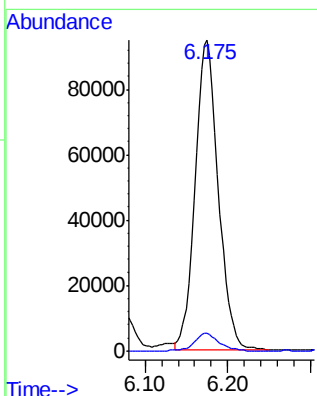
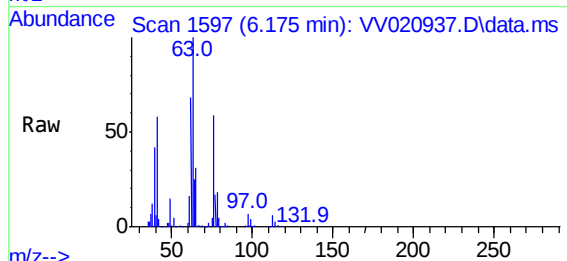




#37
1,2-Dichloropropane
Concen: 45.20 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VV020937.D
Acq: 06 Apr 2021 09:35

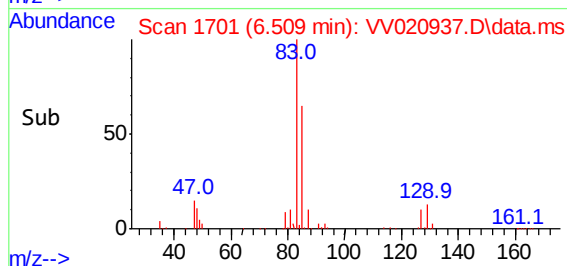
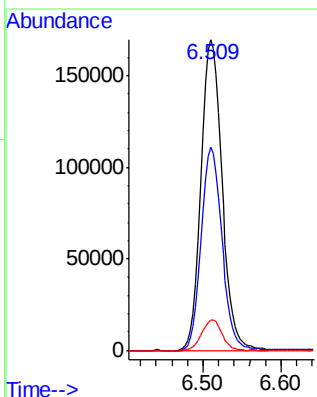
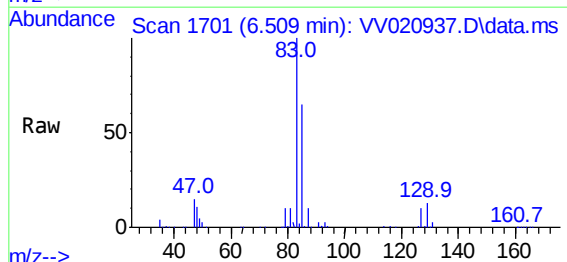
Instrument :
MSVOA_V
ClientSampleId :
VSTD05075

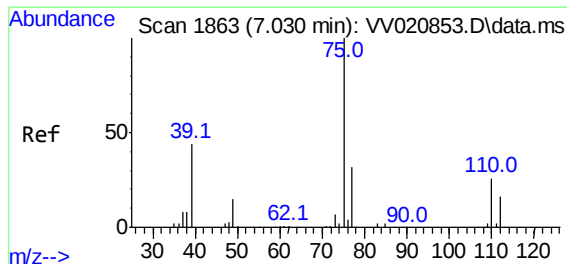
Tgt Ion: 63 Resp: 186021
Ion Ratio Lower Upper
63 100
112 5.8 3.7 5.5#



#38
Bromodichloromethane
Concen: 55.17 ug/L
RT: 6.509 min Scan# 1701
Delta R.T. -0.003 min
Lab File: VV020937.D
Acq: 06 Apr 2021 09:35

Tgt Ion: 83 Resp: 318936
Ion Ratio Lower Upper
83 100
85 65.3 44.5 82.7
127 9.9 6.8 10.2

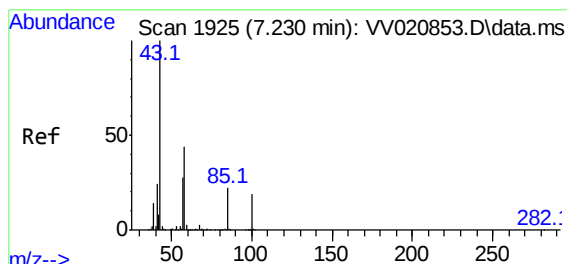
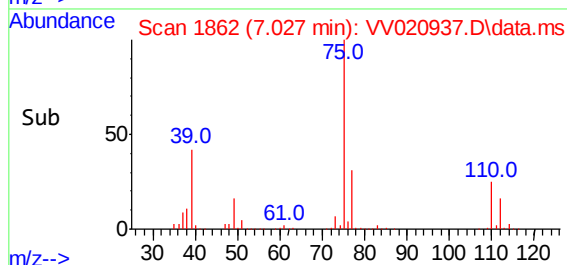
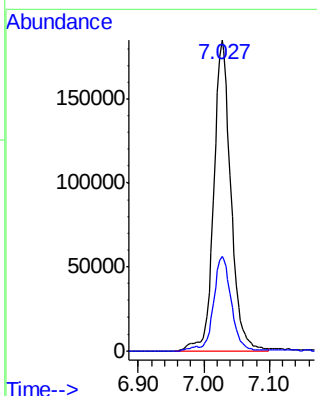
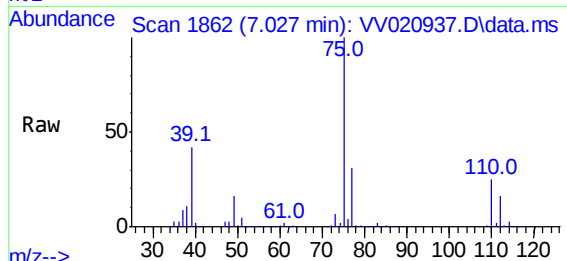




#39
cis-1,3-Dichloropropene
Concen: 52.94 ug/L
RT: 7.027 min Scan# 1862
Delta R.T. -0.003 min
Lab File: VV020937.D
Acq: 06 Apr 2021 09:35

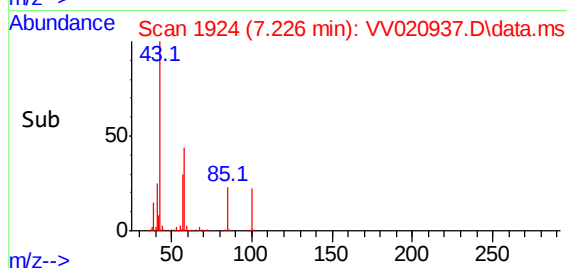
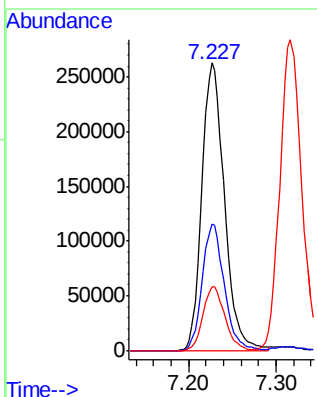
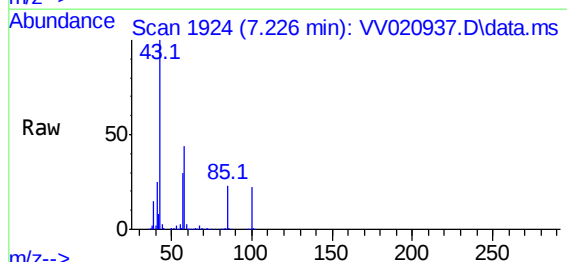
Instrument :
MSVOA_V
ClientSampleId :
VSTD05075

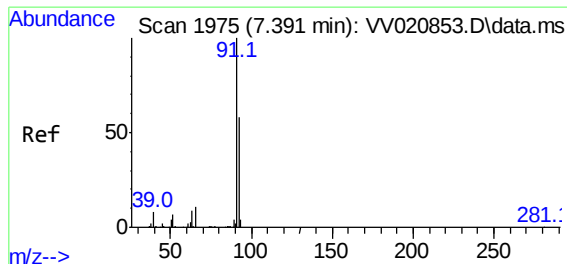
Tgt Ion: 75 Resp: 336418
Ion Ratio Lower Upper
75 100
77 30.5 21.7 40.3



#40
4-Methyl-2-pentanone
Concen: 84.89 ug/L
RT: 7.226 min Scan# 1924
Delta R.T. -0.003 min
Lab File: VV020937.D
Acq: 06 Apr 2021 09:35

Tgt Ion: 43 Resp: 468536
Ion Ratio Lower Upper
43 100
58 42.9 32.3 48.5
100 21.5 13.0 19.4#





#42

Toluene

Concen: 53.14 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. -0.003 min

Lab File: VV020937.D

Acq: 06 Apr 2021 09:35

Tgt Ion: 91 Resp: 906617

Ion Ratio Lower Upper

91 100

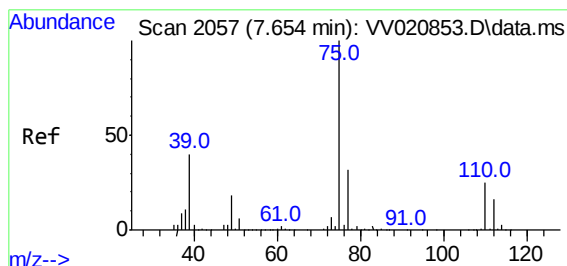
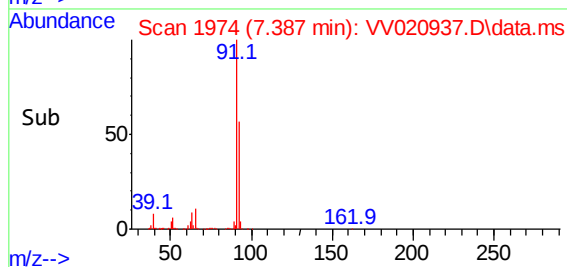
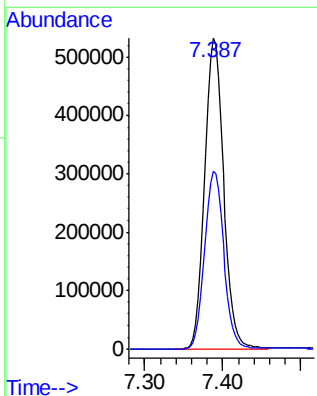
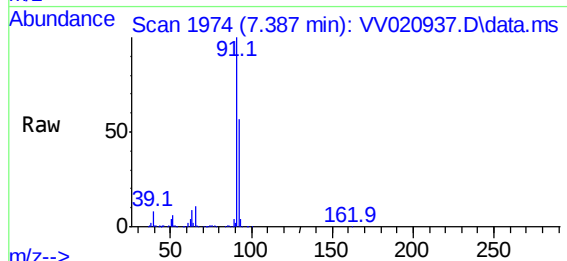
92 57.3 39.9 74.1

Instrument :

MSVOA_V

ClientSampleId :

VSTD05075



#44

trans-1,3-Dichloropropene

Concen: 52.76 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VV020937.D

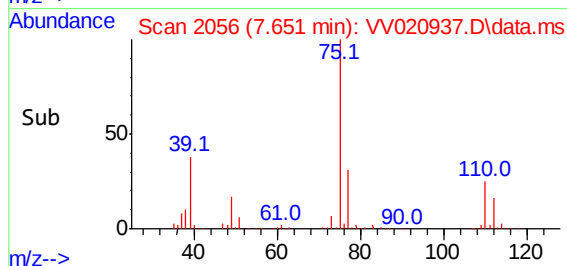
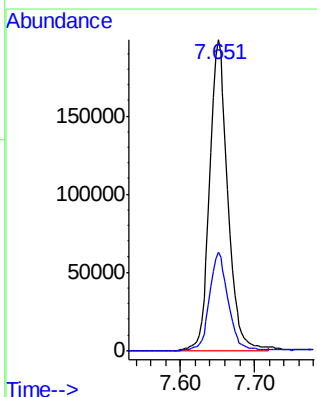
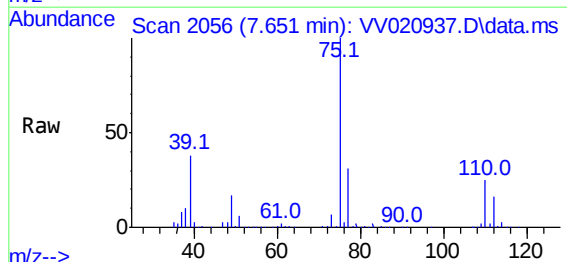
Acq: 06 Apr 2021 09:35

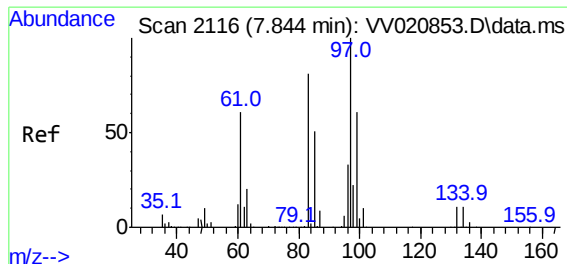
Tgt Ion: 75 Resp: 337617

Ion Ratio Lower Upper

75 100

77 31.5 21.6 40.0



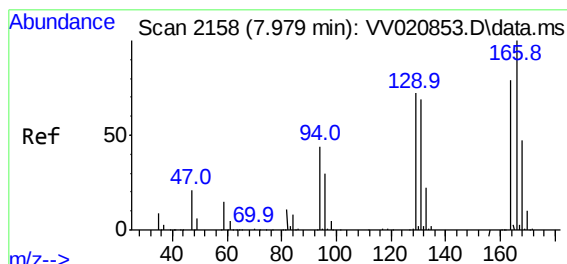
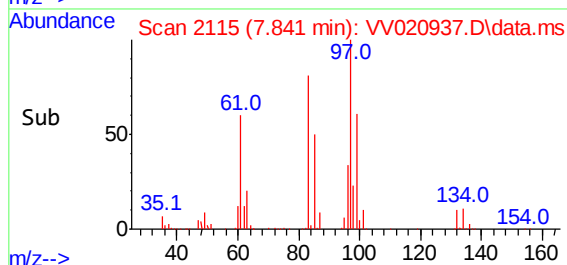
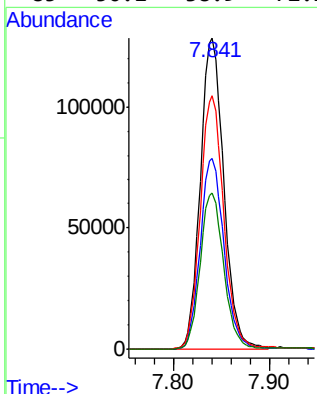
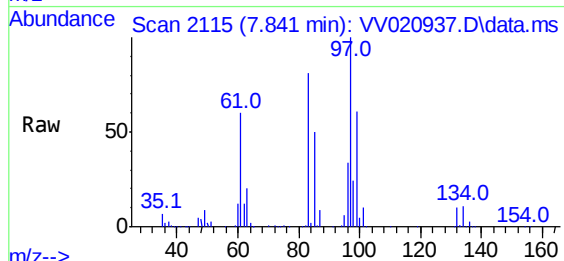


#45
1,1,2-Trichloroethane
Concen: 53.39 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VV020937.D
Acq: 06 Apr 2021 09:35

Instrument :
MSVOA_V
ClientSampleId :
VSTD05075

Tgt Ion: 97 Resp: 216195

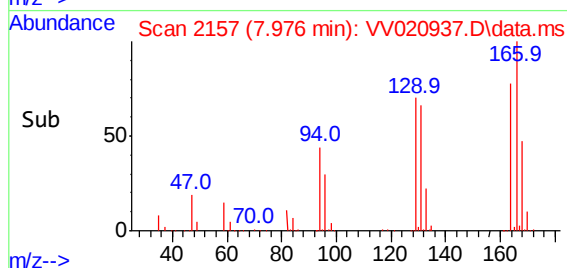
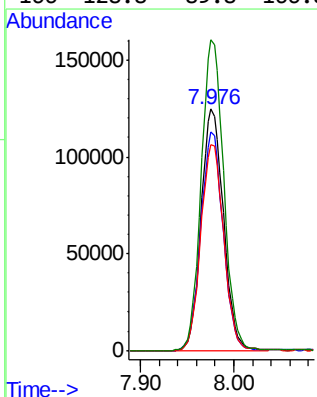
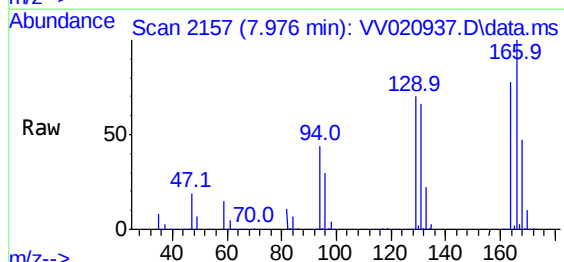
Ion	Ratio	Lower	Upper
97	100		
99	61.4	44.1	81.9
83	81.4	60.7	112.7
85	50.1	38.9	72.2

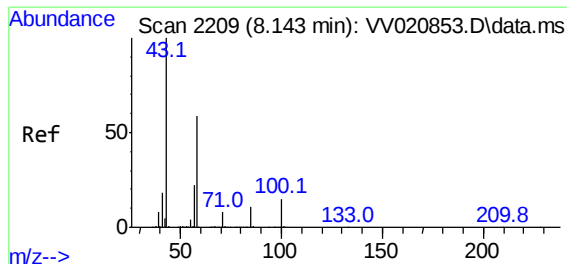


#46
Tetrachloroethene
Concen: 57.98 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.003 min
Lab File: VV020937.D
Acq: 06 Apr 2021 09:35

Tgt Ion: 164 Resp: 208243

Ion	Ratio	Lower	Upper
164	100		
129	90.6	64.3	119.5
131	85.4	63.5	117.9
166	128.8	89.8	166.8

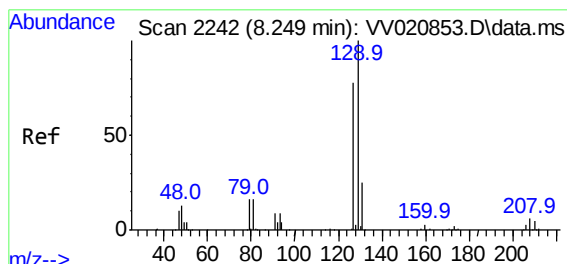
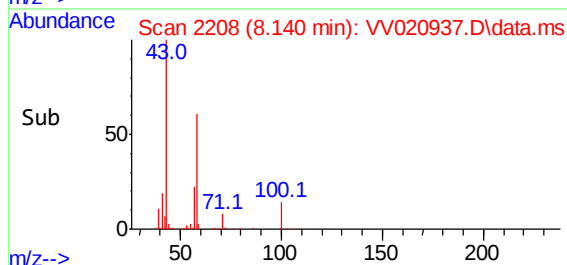
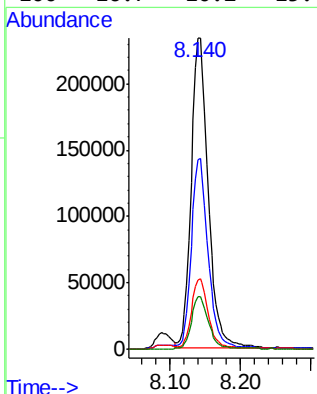
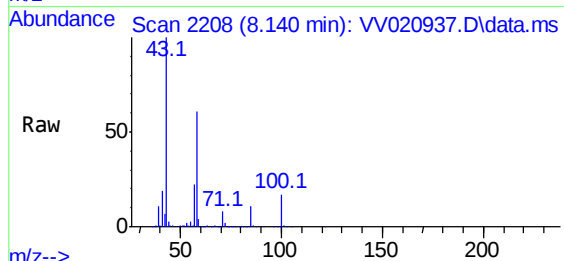




#48
2-Hexanone
Concen: 93.49 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. -0.003 min
Lab File: VV020937.D
Acq: 06 Apr 2021 09:35

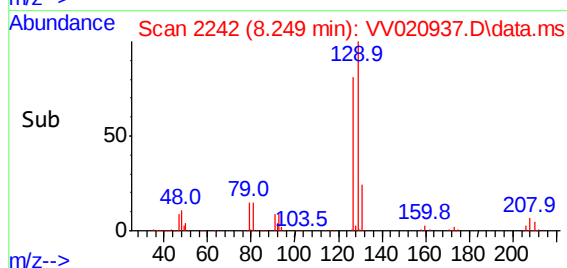
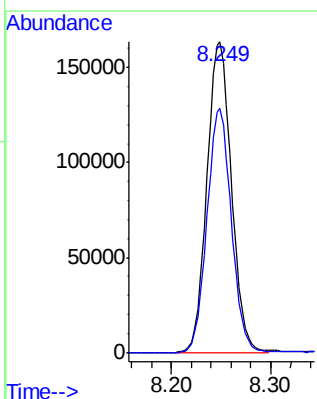
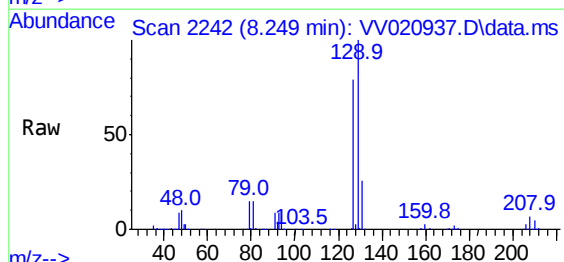
Instrument :
MSVOA_V
ClientSampleId :
VSTD05075

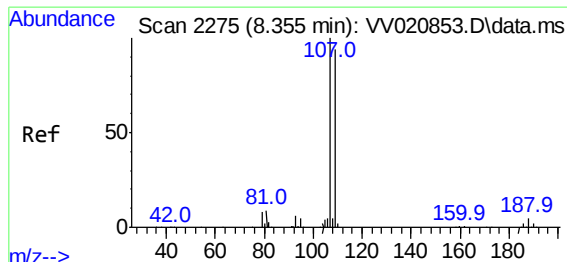
Tgt Ion: 43 Resp: 393953
Ion Ratio Lower Upper
43 100
58 59.1 45.8 68.8
57 22.1 15.4 23.2
100 16.7 10.2 15.4#



#49
Dibromochloromethane
Concen: 58.96 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VV020937.D
Acq: 06 Apr 2021 09:35

Tgt Ion: 129 Resp: 278087
Ion Ratio Lower Upper
129 100
127 78.8 54.6 101.4

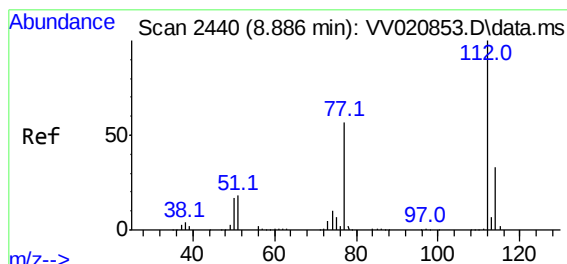
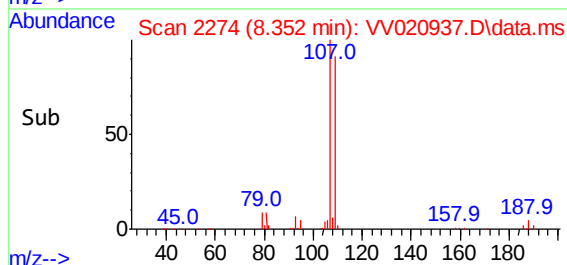
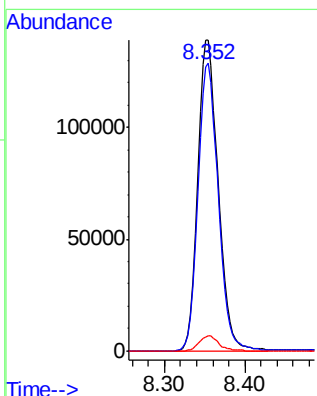
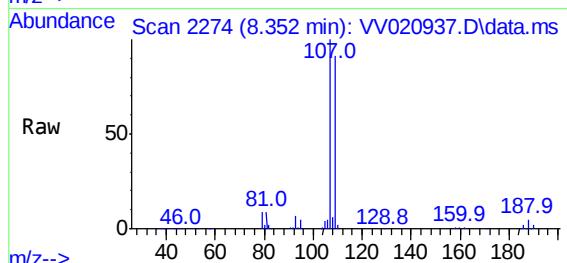




#50
1,2-Dibromoethane
Concen: 54.76 ug/L
RT: 8.352 min Scan# 2274
Delta R.T. -0.003 min
Lab File: VV020937.D
Acq: 06 Apr 2021 09:35

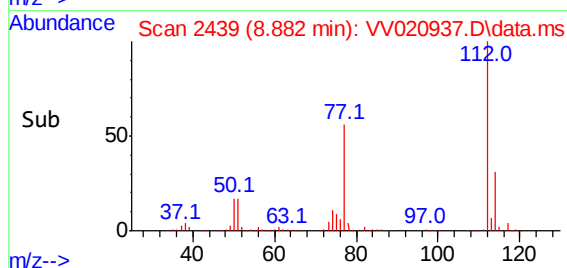
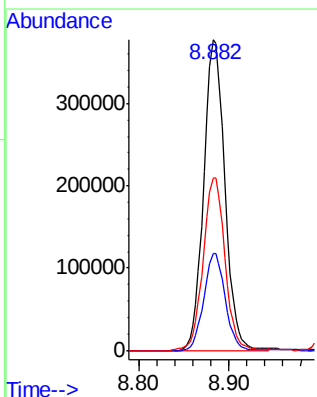
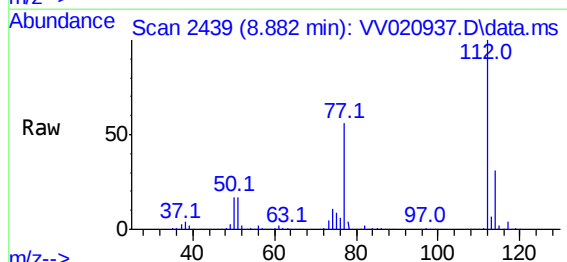
Instrument :
MSVOA_V
ClientSampleId :
VSTD05075

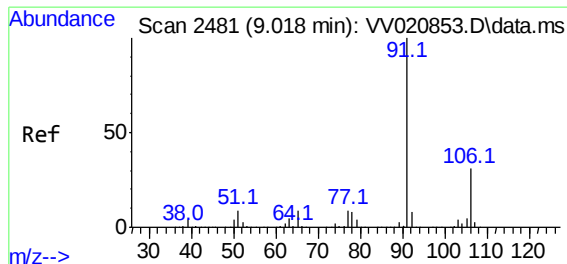
Tgt Ion:107 Resp: 237476
Ion Ratio Lower Upper
107 100
109 91.2 66.7 123.9
188 4.6 3.0 4.4#



#51
Chlorobenzene
Concen: 53.33 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. -0.003 min
Lab File: VV020937.D
Acq: 06 Apr 2021 09:35

Tgt Ion:112 Resp: 610777
Ion Ratio Lower Upper
112 100
114 31.3 22.4 41.6
77 55.6 46.7 70.1

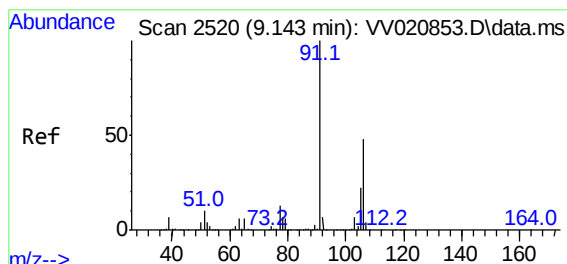
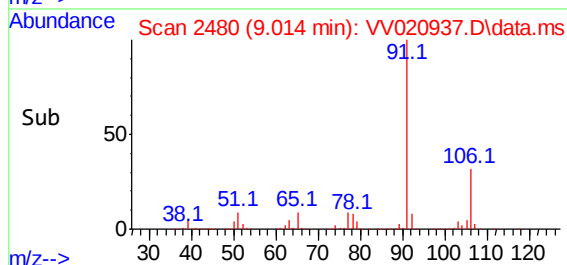
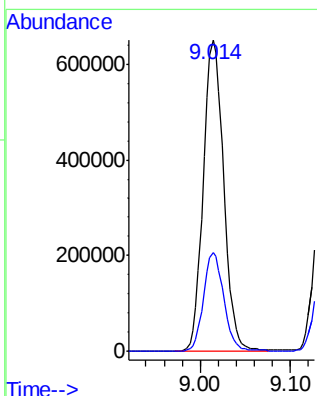
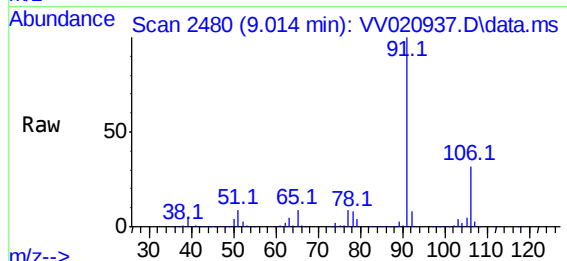




#52
Ethylbenzene
Concen: 52.04 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. -0.000 min
Lab File: VV020937.D
Acq: 06 Apr 2021 09:35

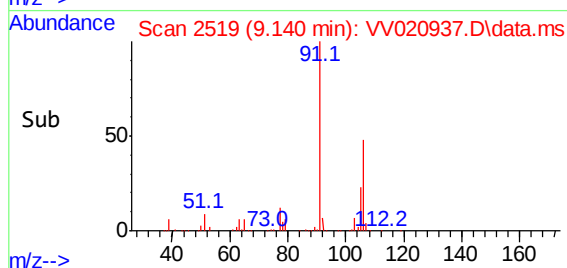
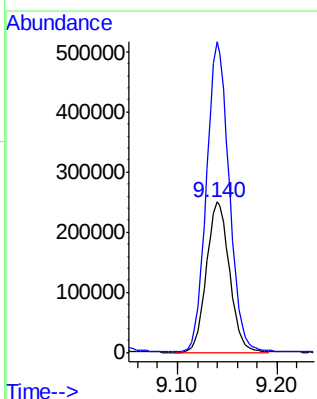
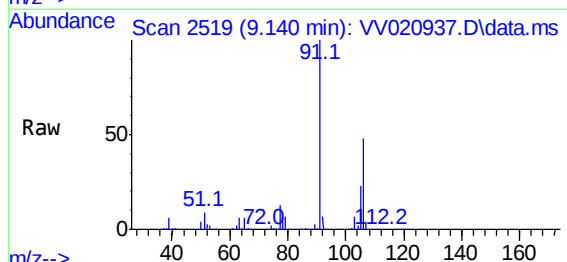
Instrument :
MSVOA_V
ClientSampleId :
VSTD05075

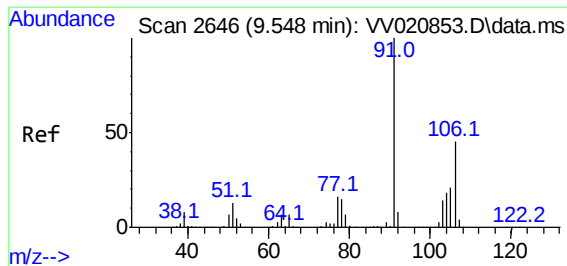
Tgt Ion: 91 Resp: 1013251
Ion Ratio Lower Upper
91 100
106 31.6 21.4 39.8



#53
m,p-Xylene
Concen: 55.02 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.003 min
Lab File: VV020937.D
Acq: 06 Apr 2021 09:35

Tgt Ion:106 Resp: 398456
Ion Ratio Lower Upper
106 100
91 206.7 145.7 270.7

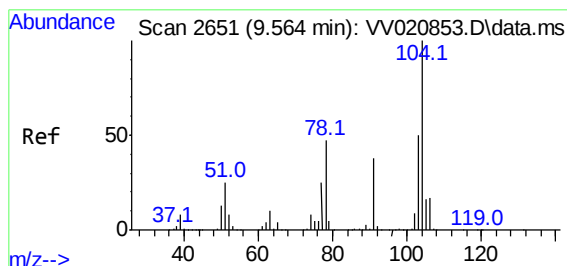
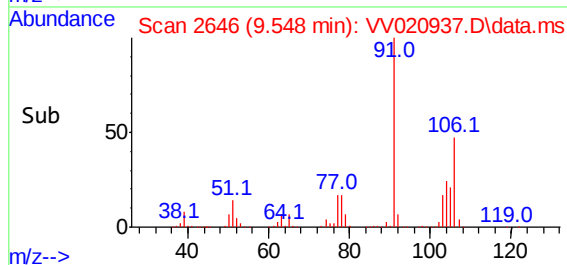
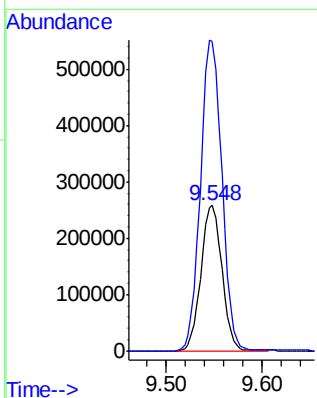
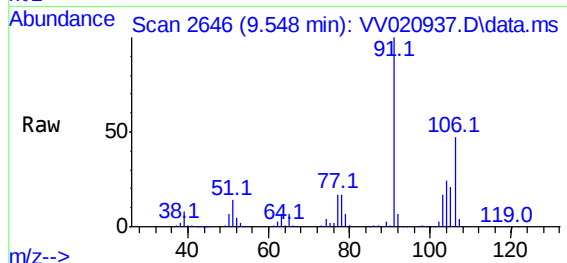




#54
o-xylene
Concen: 55.91 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. -0.000 min
Lab File: VV020937.D
Acq: 06 Apr 2021 09:35

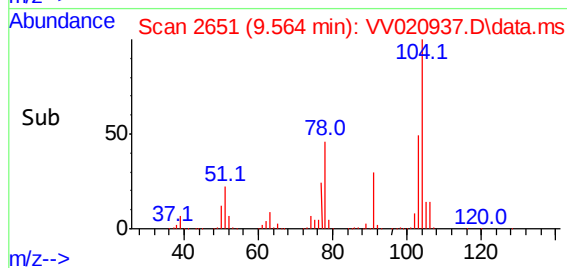
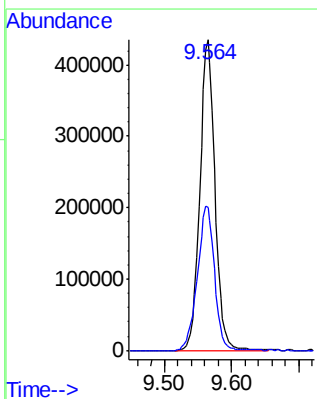
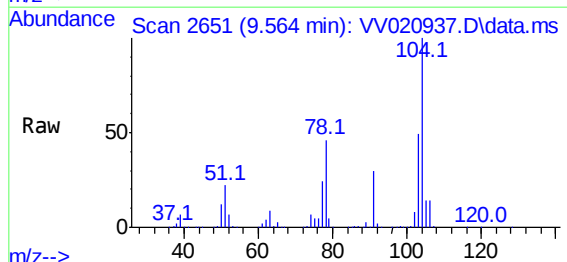
Instrument :
MSVOA_V
ClientSampleId :
VSTD05075

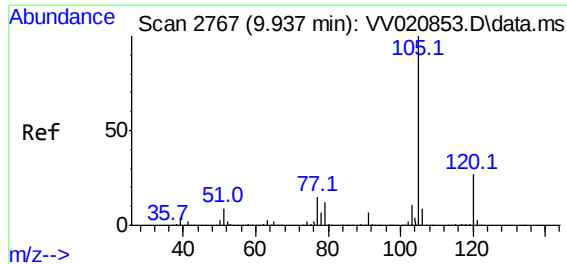
Tgt Ion:106 Resp: 390250
Ion Ratio Lower Upper
106 100
91 213.6 157.8 293.1



#55
Styrene
Concen: 55.35 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. -0.000 min
Lab File: VV020937.D
Acq: 06 Apr 2021 09:35

Tgt Ion:104 Resp: 678783
Ion Ratio Lower Upper
104 100
78 46.1 33.6 62.4

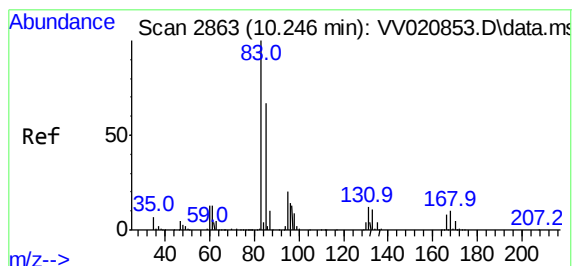
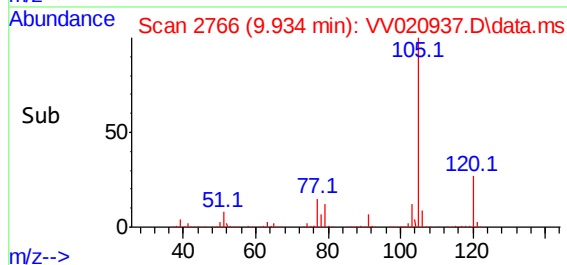
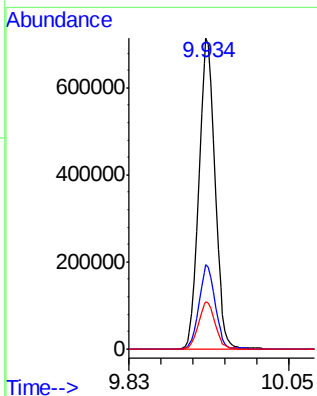
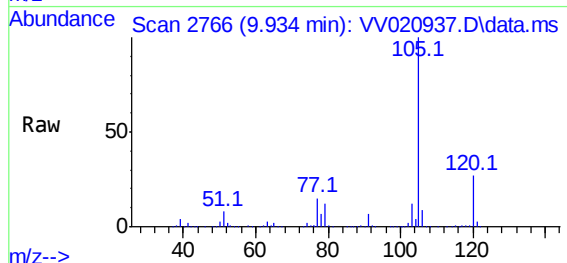




#56
Isopropylbenzene
Concen: 56.02 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. -0.003 min
Lab File: VV020937.D
Acq: 06 Apr 2021 09:35

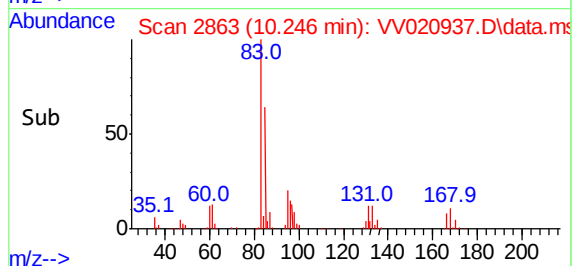
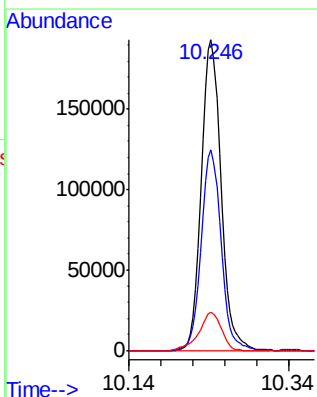
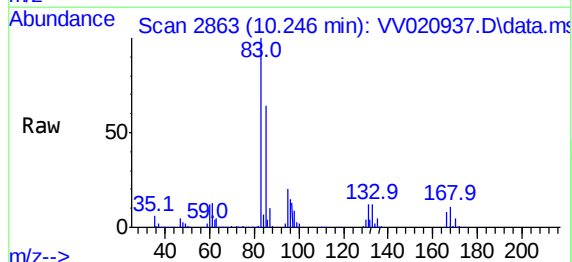
Instrument :
MSVOA_V
ClientSampleId :
VSTD05075

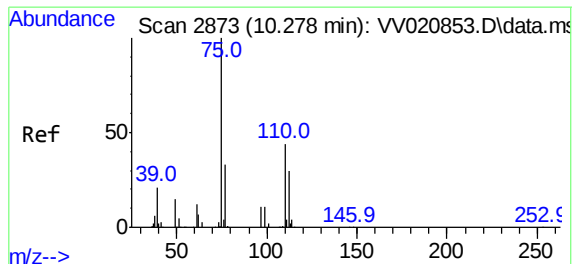
Tgt Ion:105 Resp: 1076693
Ion Ratio Lower Upper
105 100
120 27.0 20.8 31.2
77 15.5 12.9 19.3



#58
1,1,2,2-Tetrachloroethane
Concen: 48.02 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. -0.000 min
Lab File: VV020937.D
Acq: 06 Apr 2021 09:35

Tgt Ion: 83 Resp: 317174
Ion Ratio Lower Upper
83 100
85 64.4 44.7 83.1
131 12.3 8.6 12.8

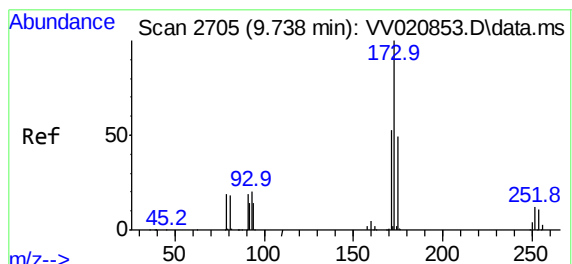
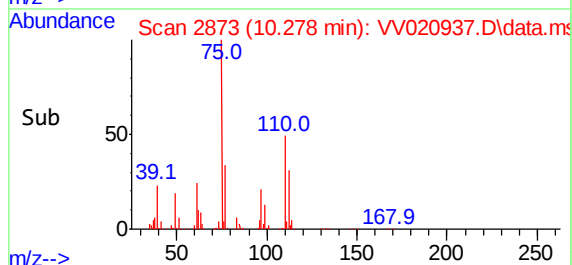
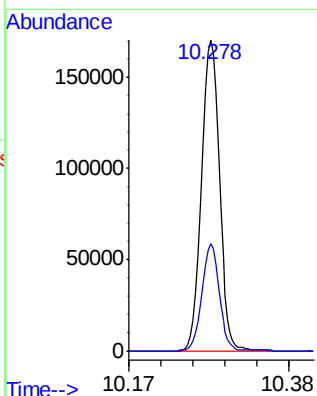
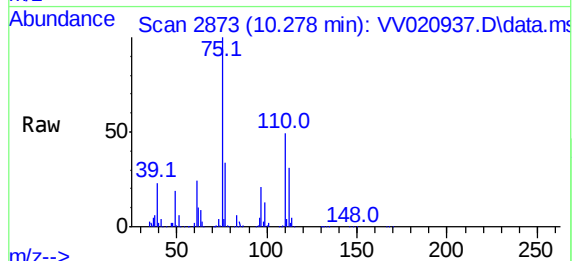




#59
1,2,3-Trichloropropane
Concen: 50.72 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. -0.000 min
Lab File: VV020937.D
Acq: 06 Apr 2021 09:35

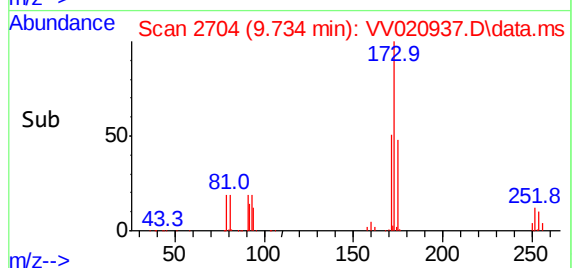
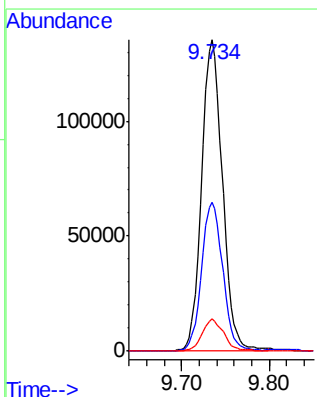
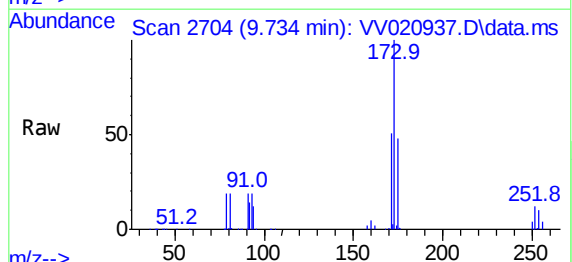
Instrument :
MSVOA_V
ClientSampleId :
VSTD05075

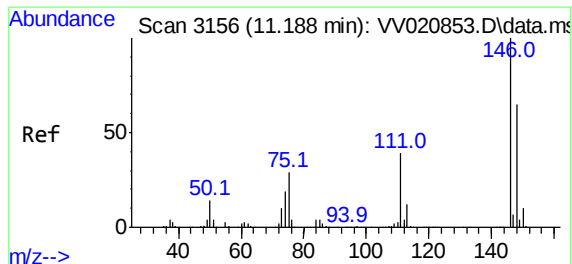
Tgt Ion: 75 Resp: 272607
Ion Ratio Lower Upper
75 100
77 33.1 25.3 37.9



#61
Bromoform
Concen: 56.22 ug/L
RT: 9.734 min Scan# 2704
Delta R.T. -0.000 min
Lab File: VV020937.D
Acq: 06 Apr 2021 09:35

Tgt Ion: 173 Resp: 223066
Ion Ratio Lower Upper
173 100
175 48.2 38.4 57.6
254 10.1 8.5 12.7

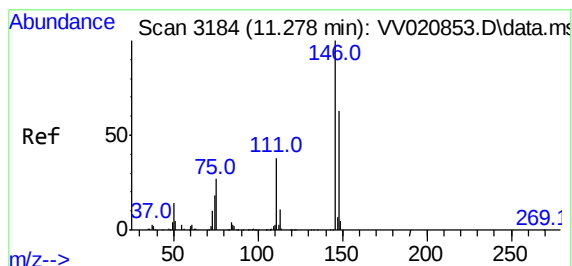
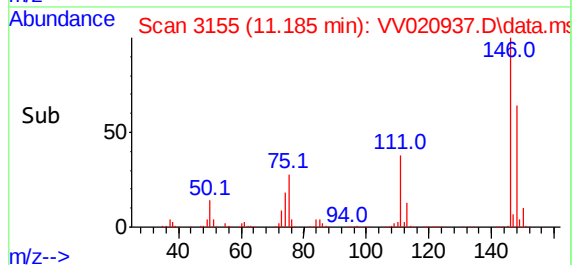
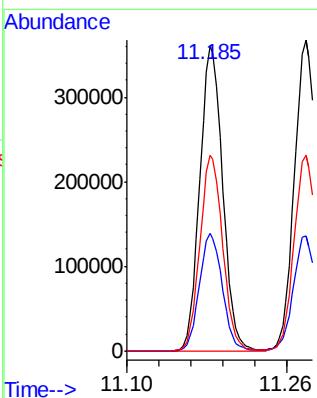
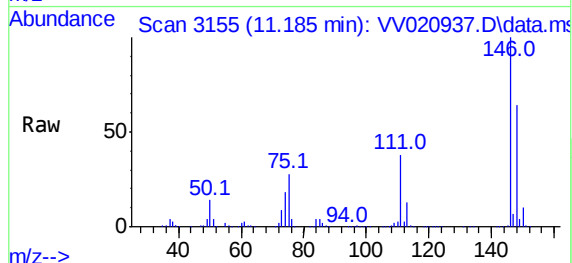




#62
1,3-Dichlorobenzene
Concen: 51.81 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. -0.000 min
Lab File: VV020937.D
Acq: 06 Apr 2021 09:35

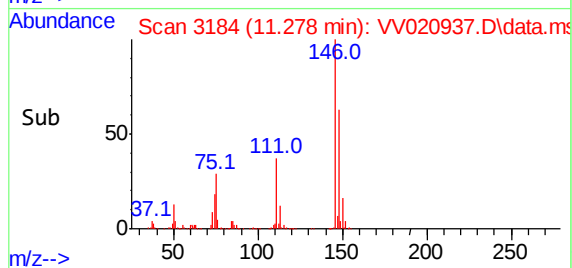
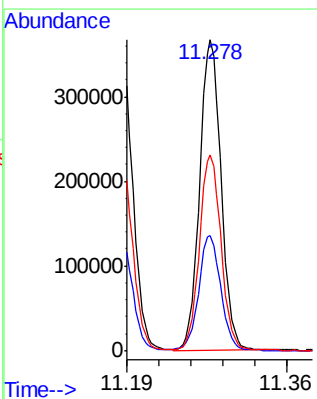
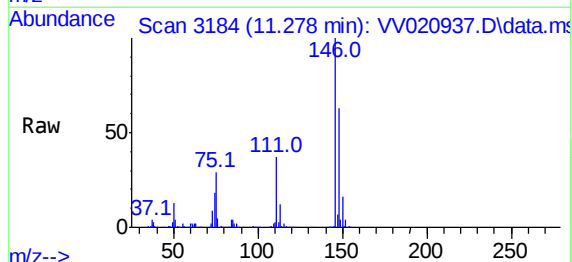
Instrument :
MSVOA_V
ClientSampleId :
VSTD05075

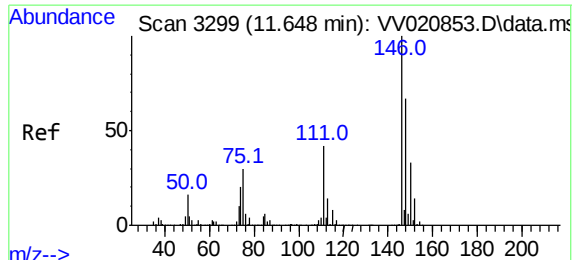
Tgt Ion:146 Resp: 552527
Ion Ratio Lower Upper
146 100
111 38.5 27.4 51.0
148 64.1 44.9 83.5



#63
1,4-Dichlorobenzene
Concen: 50.58 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. -0.000 min
Lab File: VV020937.D
Acq: 06 Apr 2021 09:35

Tgt Ion:146 Resp: 561010
Ion Ratio Lower Upper
146 100
111 36.9 26.0 48.4
148 63.0 44.1 81.9

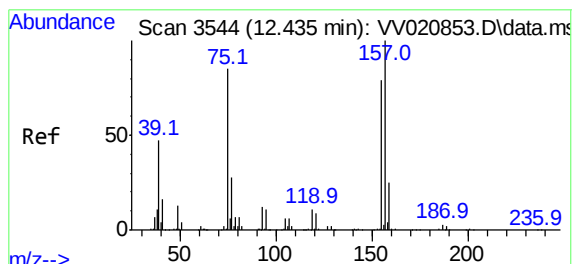
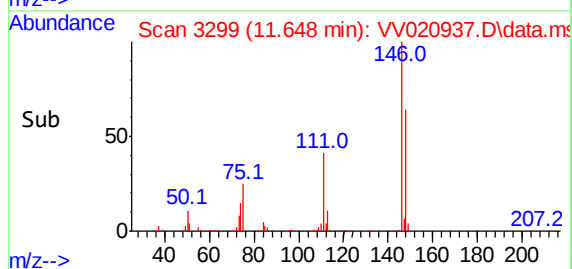
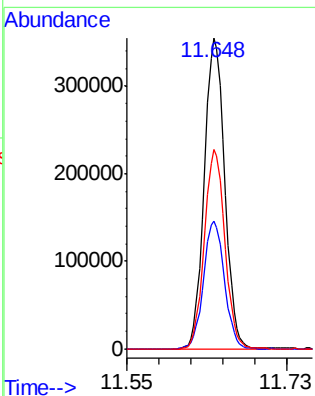
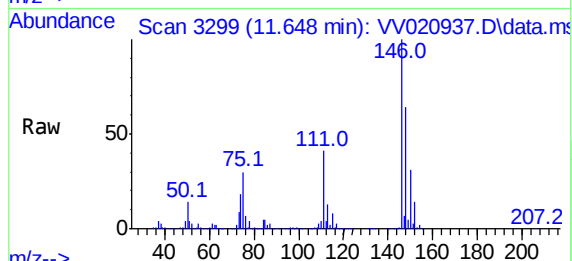




#65
1,2-Dichlorobenzene
Concen: 52.62 ug/L
RT: 11.648 min Scan# 3299
Delta R.T. -0.000 min
Lab File: VV020937.D
Acq: 06 Apr 2021 09:35

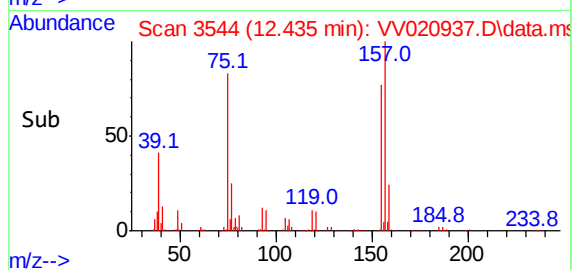
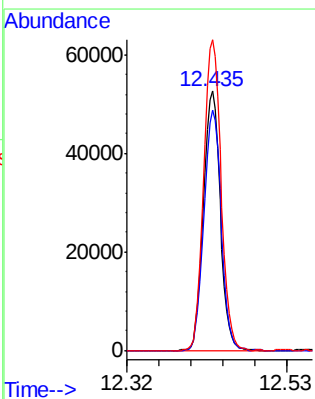
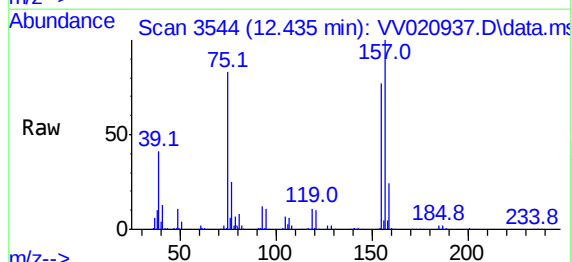
Instrument :
MSVOA_V
ClientSampleId :
VSTD05075

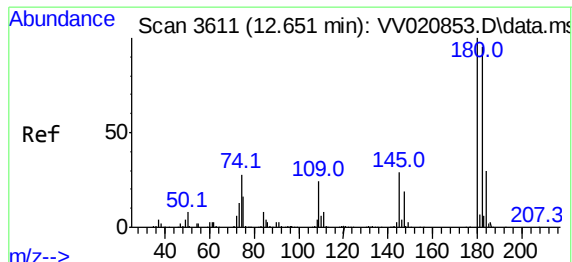
Tgt Ion:146 Resp: 553045
Ion Ratio Lower Upper
146 100
111 41.2 34.1 51.1
148 64.3 51.4 77.0



#66
1,2-Dibromo-3-chloropropane
Concen: 45.34 ug/L
RT: 12.435 min Scan# 3544
Delta R.T. -0.000 min
Lab File: VV020937.D
Acq: 06 Apr 2021 09:35

Tgt Ion: 75 Resp: 80567
Ion Ratio Lower Upper
75 100
155 92.7 65.3 97.9
157 120.0 85.8 128.6

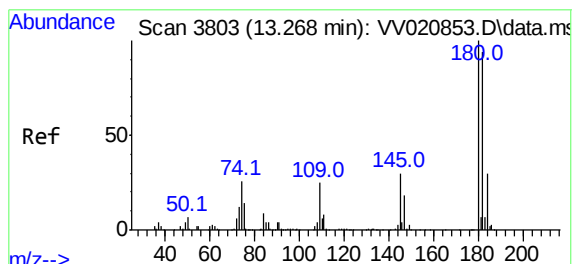
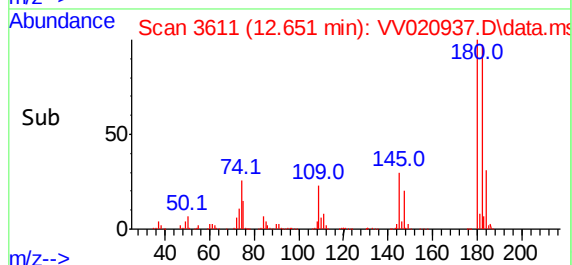
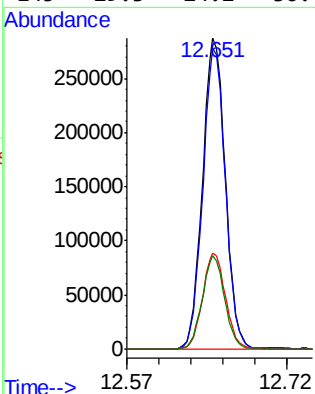
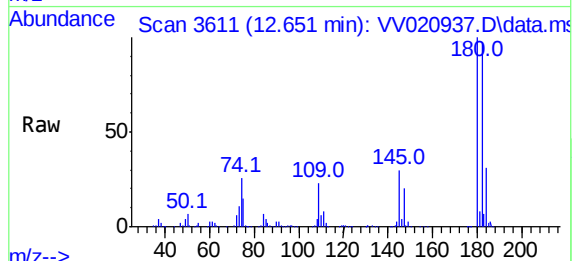




#67
1,3,5-Trichlorobenzene
Concen: 53.17 ug/L
RT: 12.651 min Scan# 3611
Delta R.T. -0.000 min
Lab File: VV020937.D
Acq: 06 Apr 2021 09:35

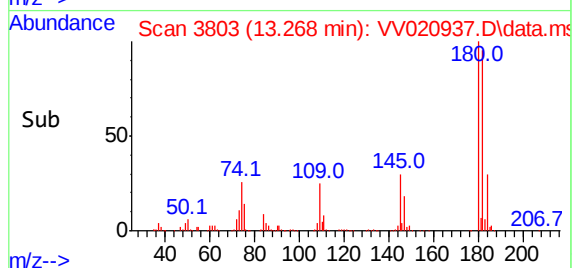
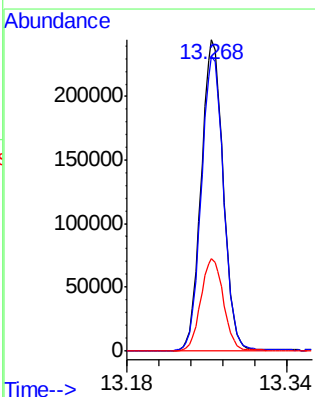
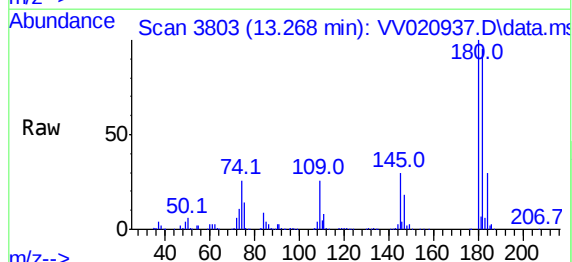
Instrument :
MSVOA_V
ClientSampleId :
VSTD05075

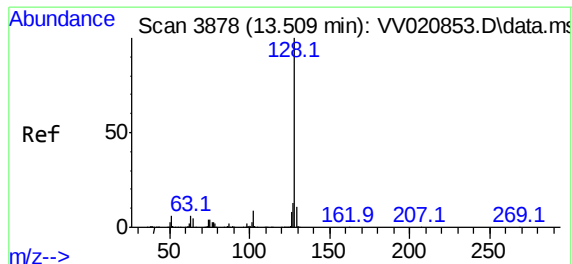
Tgt Ion:180 Resp: 439538
Ion Ratio Lower Upper
180 100
182 95.5 76.3 114.5
184 30.7 24.5 36.7
145 29.3 24.2 36.4



#68
1,2,4-trichlorobenzene
Concen: 53.16 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. -0.000 min
Lab File: VV020937.D
Acq: 06 Apr 2021 09:35

Tgt Ion:180 Resp: 372559
Ion Ratio Lower Upper
180 100
182 96.0 75.8 113.6
145 30.4 23.9 35.9



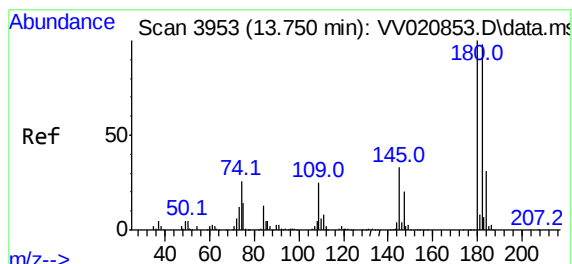
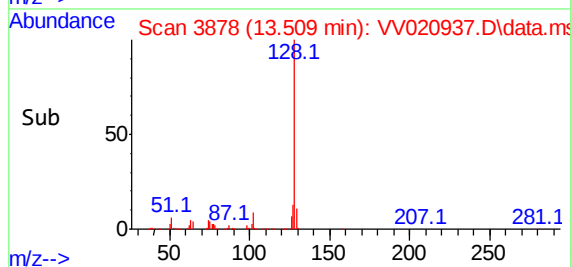
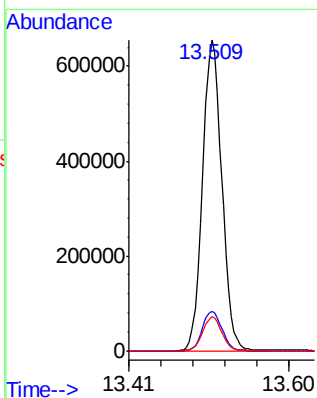
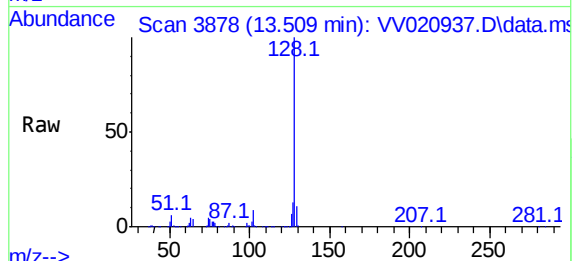


#69
Naphthalene
Concen: 50.04 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. -0.000 min
Lab File: VV020937.D
Acq: 06 Apr 2021 09:35

Instrument :
MSVOA_V
ClientSampleId :
VSTD05075

Tgt Ion:128 Resp: 1003924

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.5	15.7
129	10.9	8.7	13.1



#70
1,2,3-Trichlorobenzene
Concen: 53.37 ug/L
RT: 13.750 min Scan# 3953
Delta R.T. -0.000 min
Lab File: VV020937.D
Acq: 06 Apr 2021 09:35

Tgt Ion:180 Resp: 374571

Ion	Ratio	Lower	Upper
180	100		
182	97.0	75.2	112.8
145	32.1	25.5	38.3

