

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW030121\
 Data File : VW020426.D
 Acq On : 01 Mar 2021 16:27
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050171

Quant Time: Mar 02 00:18:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 02 00:15:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	553867	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	545026	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	314303	50.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	126254	46.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.14%
7) Chloroethane-d5	1.568	69	119523	48.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.60%
11) 1,1-Dichloroethene-d2	2.111	63	274670	48.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.14%
21) 2-Butanone-d5	3.886	46	220345	106.79	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.79%
24) Chloroform-d	4.352	84	321862	51.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.72%
26) 1,2-Dichloroethane-d4	5.034	65	203138	51.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.62%
32) Benzene-d6	5.053	84	613907	51.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.40%
36) 1,2-Dichloropropane-d6	6.072	67	191018	51.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.78%
41) Toluene-d8	7.320	98	600143	53.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.04%
43) trans-1,3-Dichloroprop...	7.625	79	95394	53.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.40%
47) 2-Hexanone-d5	8.092	63	165936	112.63	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.63%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	280714	53.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.52%
66) 1,2-Dichlorobenzene-d4	11.632	152	281539	51.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.54%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.130	85	226585	50.20	ug/L 99
3) Chloromethane	1.243	50	200509	51.67	ug/L 100
5) Vinyl chloride	1.311	62	217631	51.68	ug/L 100
6) Bromomethane	1.523	94	143956	52.17	ug/L 99
8) Chloroethane	1.584	64	127384	49.60	ug/L 95
9) Trichlorofluoromethane	1.751	101	320356	50.94	ug/L 99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	172706	50.15	ug/L 96
12) 1,1-Dichloroethene	2.118	96	167673	52.15	ug/L 97
13) Acetone	2.179	43	143711	94.63	ug/L 95
14) Carbon disulfide	2.294	76	430062	51.18	ug/L 100
15) Methyl Acetate	2.433	43	163074	51.51	ug/L 97
16) Methylene chloride	2.507	84	189539	51.89	ug/L 97
17) trans-1,2-Dichloroethene	2.761	96	175857	52.45	ug/L 98
18) Methyl tert-butyl Ether	2.770	73	528555	52.25	ug/L 98
19) 1,1-Dichloroethane	3.191	63	317381	51.93	ug/L 99
20) cis-1,2-Dichloroethene	3.915	96	195733	52.69	ug/L 92
22) 2-Butanone	3.970	43	230088	106.76	ug/L 96
23) Bromochloromethane	4.249	128	109800	54.78	ug/L 88
25) Chloroform	4.378	83	349954	52.30	ug/L 97
27) 1,2-Dichloroethane	5.134	62	259132	52.25	ug/L 99

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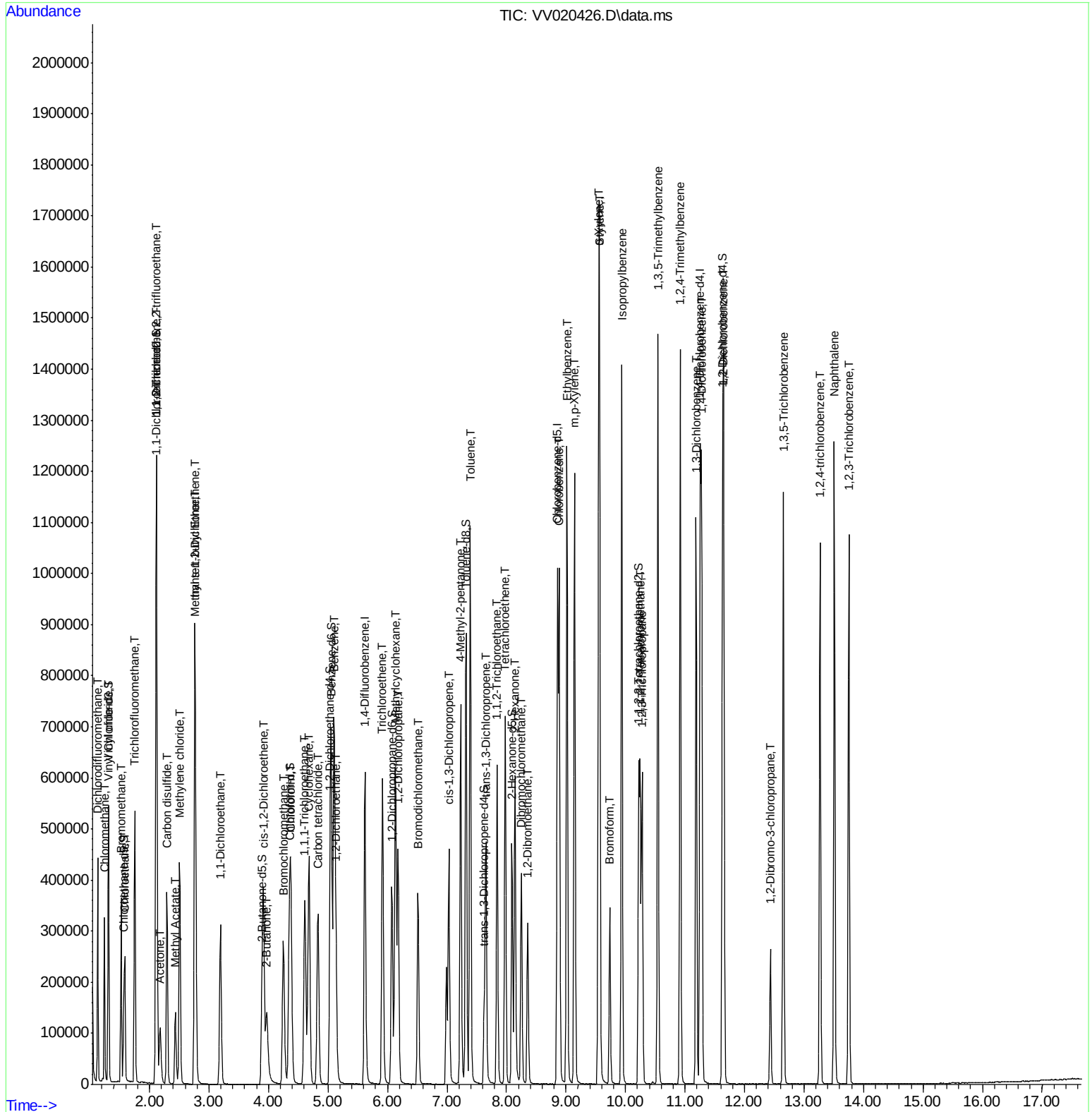
Instrument :
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 ClientSampleId :
 VSTD050171

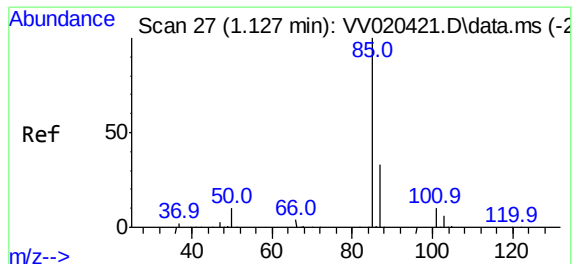
Quant Time: Mar 02 00:18:22 2021
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 Quant Title : VOC Analysis
 QLast Update : Tue Mar 02 00:15:30 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.680	56	241408	49.85	ug/L	93
30) 1,1,1-Trichloroethane	4.609	97	298271	52.05	ug/L	98
31) Carbon tetrachloride	4.831	117	258216	51.76	ug/L	99
33) Benzene	5.101	78	728135	53.22	ug/L	100
34) Trichloroethene	5.915	95	208084	52.31	ug/L	97
35) Methylcyclohexane	6.133	83	267485	50.20	ug/L	97
37) 1,2-Dichloropropane	6.175	63	186019	53.40	ug/L	98
38) Bromodichloromethane	6.513	83	249632	52.27	ug/L	98
39) cis-1,3-Dichloropropene	7.031	75	282483	53.36	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	459920	106.82	ug/L	94
42) Toluene	7.391	91	806064	53.92	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	276719	53.55	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	196028	53.70	ug/L	99
46) Tetrachloroethene	7.979	164	170410	53.31	ug/L	97
48) 2-Hexanone	8.143	43	358429	107.72	ug/L	95
49) Dibromochloromethane	8.249	129	214707	54.44	ug/L	100
50) 1,2-Dibromoethane	8.355	107	209353	53.93	ug/L	97
51) Chlorobenzene	8.886	112	551195	52.75	ug/L	96
52) Ethylbenzene	9.014	91	886868	53.44	ug/L	98
53) m,p-Xylene	9.143	106	345965	54.53	ug/L	98
54) o-Xylene	9.548	106	338610	54.36	ug/L	97
55) Styrene	9.564	104	603760	56.47	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.246	83	288225	53.59	ug/L	99
59) Bromoform	9.738	173	155413	52.81	ug/L	99
60) Isopropylbenzene	9.937	105	898514	52.13	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	246327	49.85	ug/L	99
62) 1,3,5-Trimethylbenzene	10.545	105	754487	53.43	ug/L	100
63) 1,2,4-Trimethylbenzene	10.921	105	784375	54.21	ug/L	100
64) 1,3-Dichlorobenzene	11.188	146	469471	51.80	ug/L	98
65) 1,4-Dichlorobenzene	11.278	146	483827	51.35	ug/L	100
67) 1,2-Dichlorobenzene	11.651	146	471858	52.10	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.435	75	60759	52.93	ug/L	98
69) 1,3,5-Trichlorobenzene	12.654	180	368940	52.20	ug/L	98
70) 1,2,4-trichlorobenzene	13.268	180	331743	54.06	ug/L	100
71) Naphthalene	13.509	128	972262	57.33	ug/L	100
72) 1,2,3-Trichlorobenzene	13.754	180	340316	55.17	ug/L	100

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

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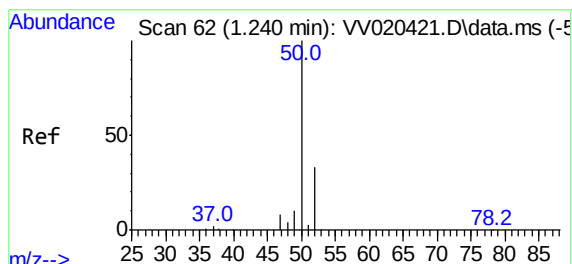
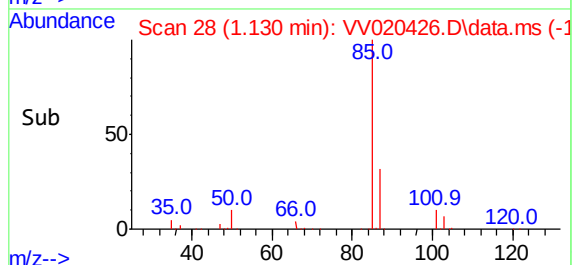
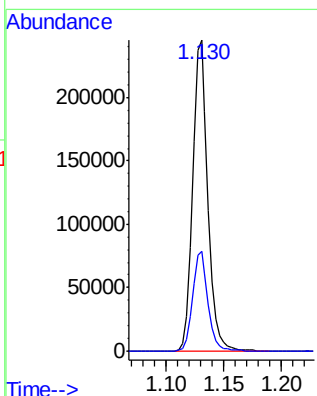
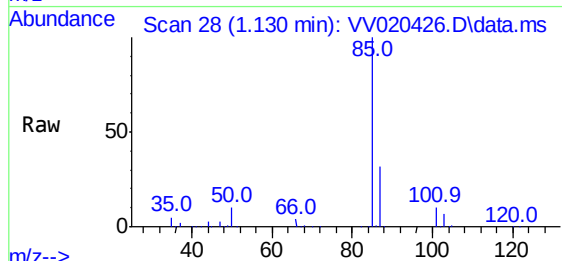




#2
Dichlorodifluoromethane
Concen: 50.20 ug/L
RT: 1.130 min Scan# 28
Delta R.T. 0.003 min
Lab File: VV020426.D
Acq: 01 Mar 2021 16:27

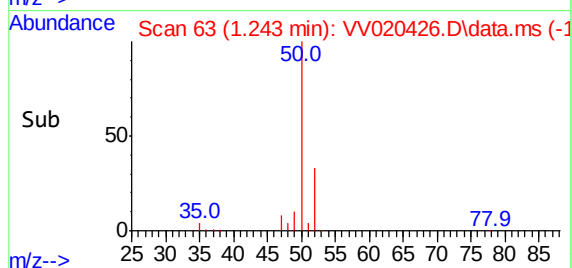
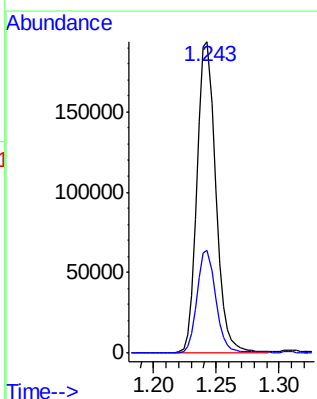
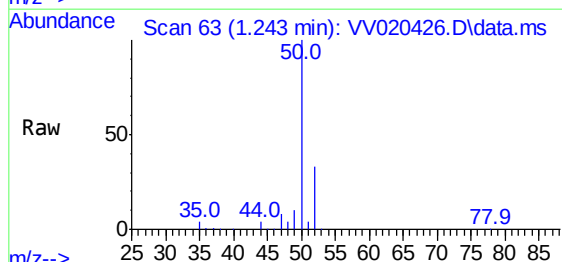
Instrument :
MSVOA_V
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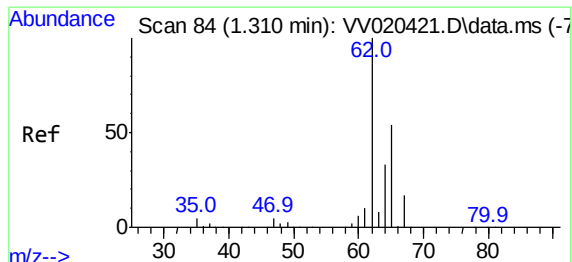
Tgt Ion: 85 Resp: 226585
Ion Ratio Lower Upper
85 100
87 32.3 26.2 39.2



#3
Chloromethane
Concen: 51.67 ug/L
RT: 1.243 min Scan# 63
Delta R.T. 0.003 min
Lab File: VV020426.D
Acq: 01 Mar 2021 16:27

Tgt Ion: 50 Resp: 200509
Ion Ratio Lower Upper
50 100
52 32.7 22.9 42.5

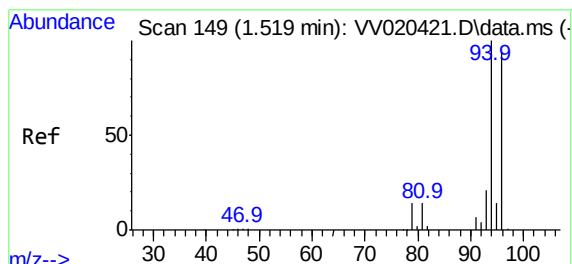
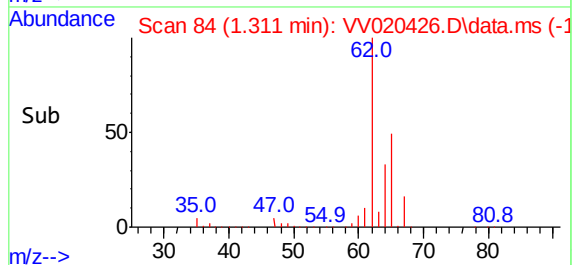
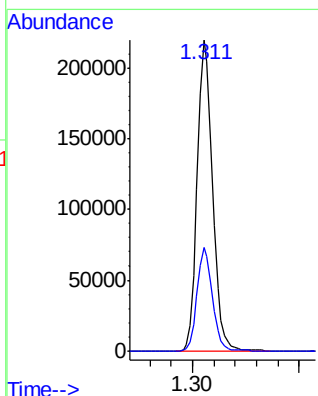
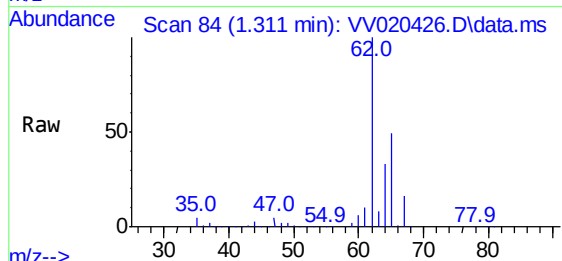




#5
 Vinyl chloride
 Concen: 51.68 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV020426.D
 Acq: 01 Mar 2021 16:27

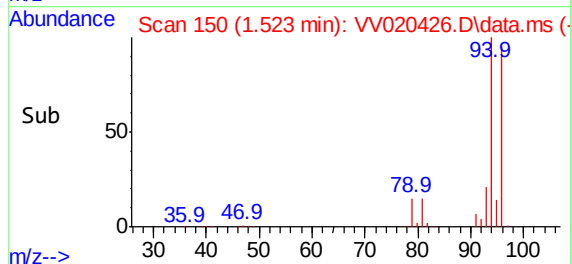
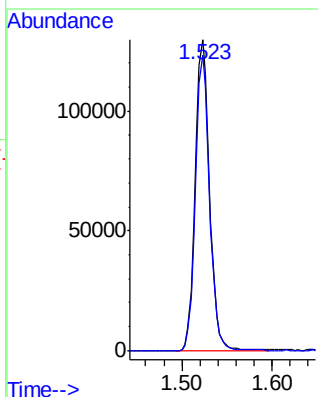
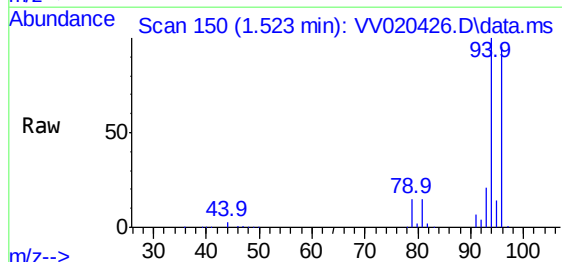
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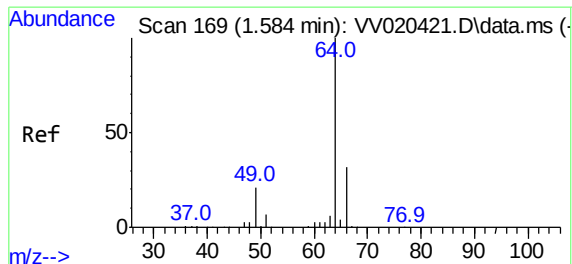
Tgt Ion: 62 Resp: 217631
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.1 42.9



#6
 Bromomethane
 Concen: 52.17 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.003 min
 Lab File: VV020426.D
 Acq: 01 Mar 2021 16:27

Tgt Ion: 94 Resp: 143956
 Ion Ratio Lower Upper
 94 100
 96 94.9 65.9 122.5

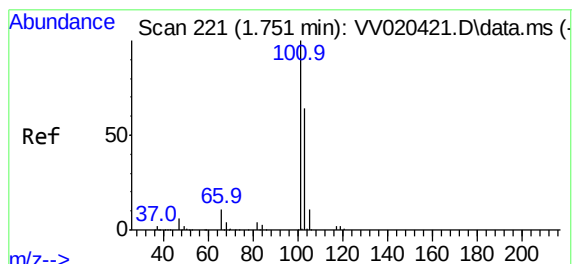
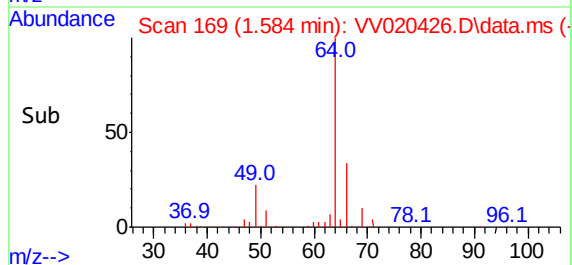
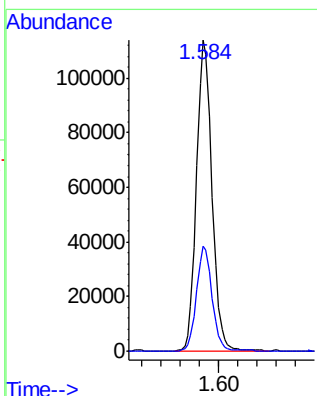
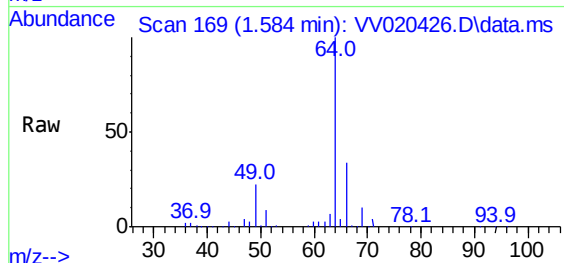




#8
Chloroethane
Concen: 49.60 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV020426.D
Acq: 01 Mar 2021 16:27

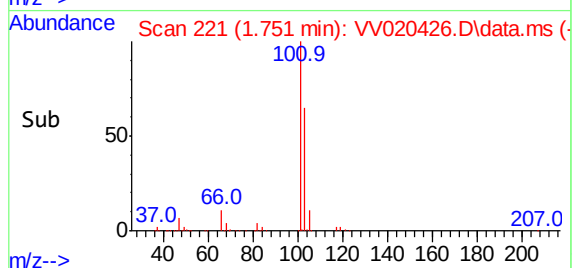
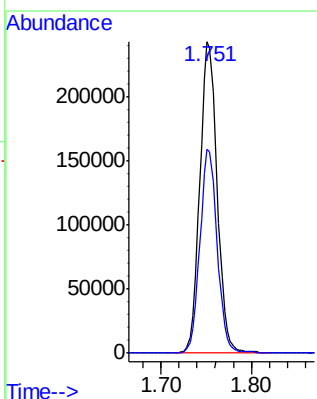
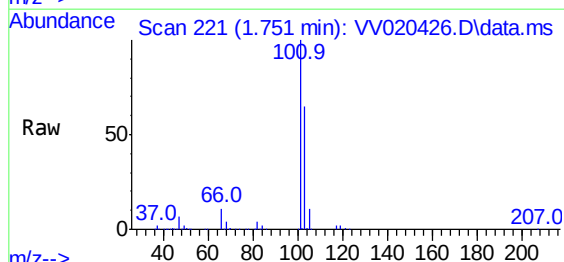
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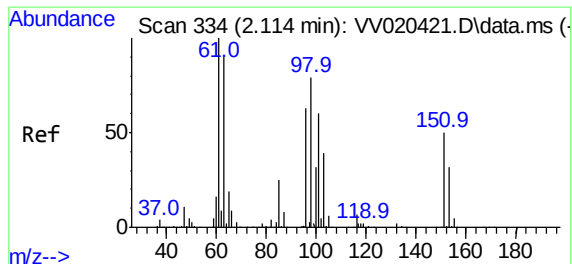
Tgt Ion: 64 Resp: 127384
Ion Ratio Lower Upper
64 100
66 33.9 21.8 40.4



#9
Trichlorofluoromethane
Concen: 50.94 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV020426.D
Acq: 01 Mar 2021 16:27

Tgt Ion:101 Resp: 320356
Ion Ratio Lower Upper
101 100
103 65.2 51.8 77.6

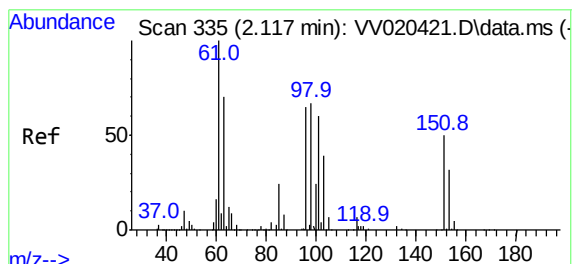
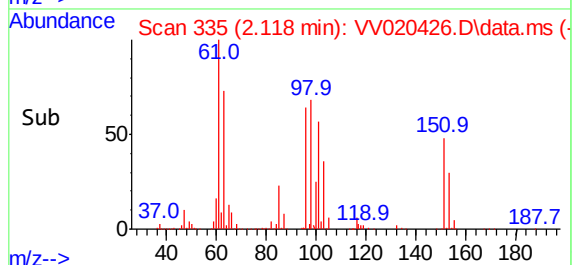
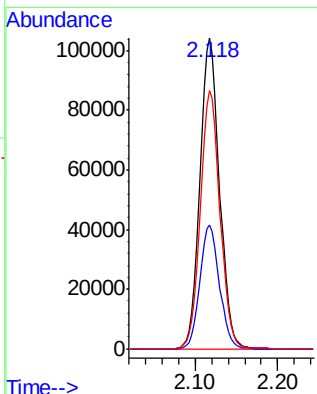
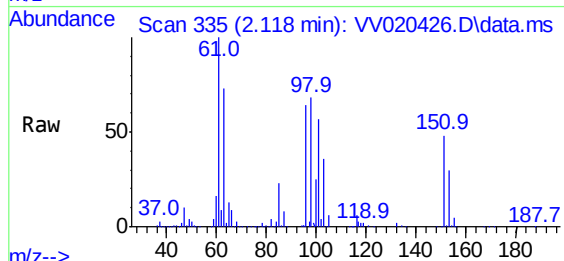




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 50.15 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV020426.D
Acq: 01 Mar 2021 16:27

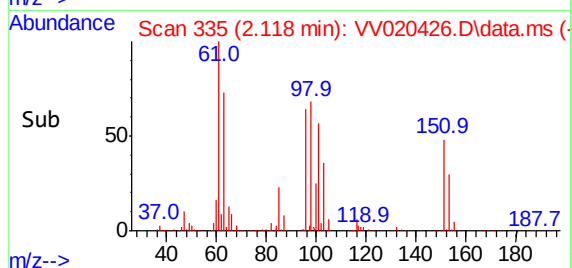
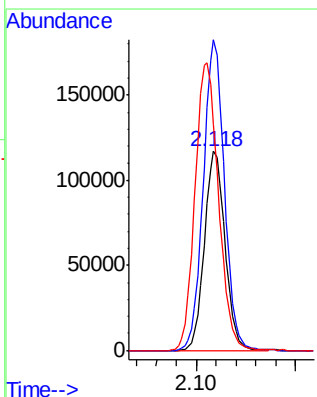
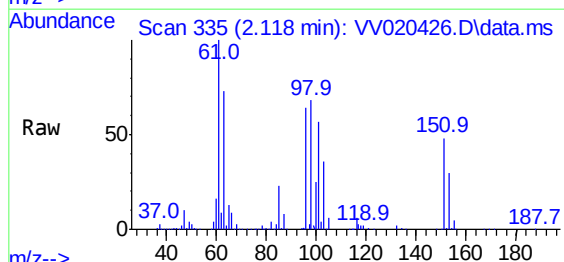
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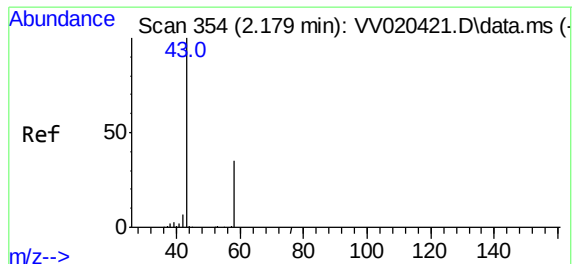
Tgt Ion:101 Resp: 172706
Ion Ratio Lower Upper
101 100
85 39.8 32.4 48.6
151 83.4 71.0 106.6



#12
1,1-Dichloroethene
Concen: 52.15 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV020426.D
Acq: 01 Mar 2021 16:27

Tgt Ion: 96 Resp: 167673
Ion Ratio Lower Upper
96 100
61 156.0 110.9 206.1
63 113.3 82.1 152.5

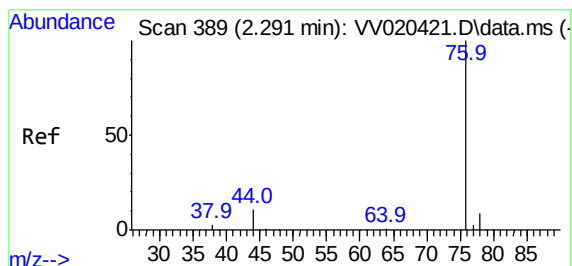
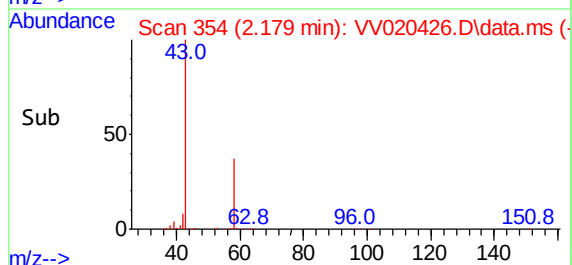
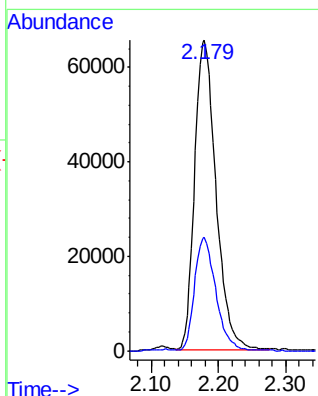
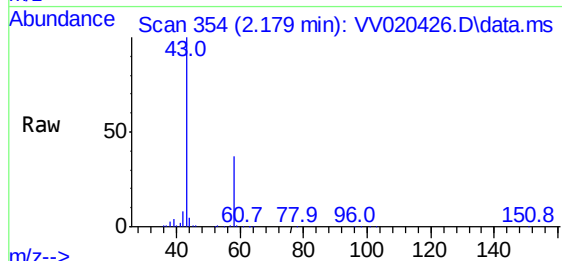




#13
Acetone
Concen: 94.63 ug/L
RT: 2.179 min Scan# 354
Delta R.T. 0.000 min
Lab File: VV020426.D
Acq: 01 Mar 2021 16:27

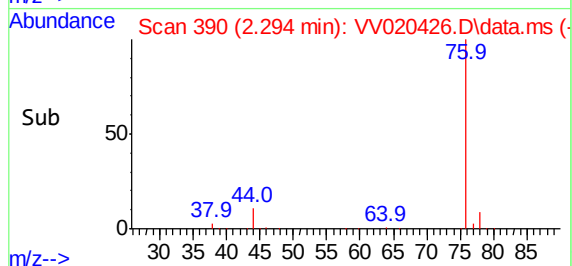
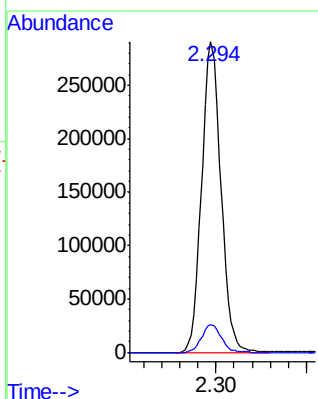
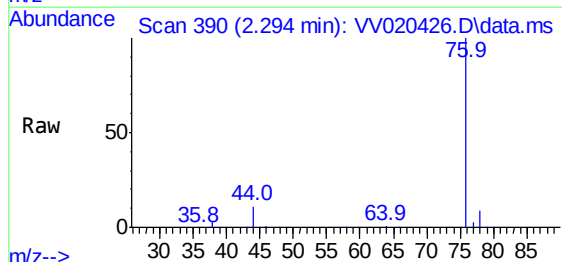
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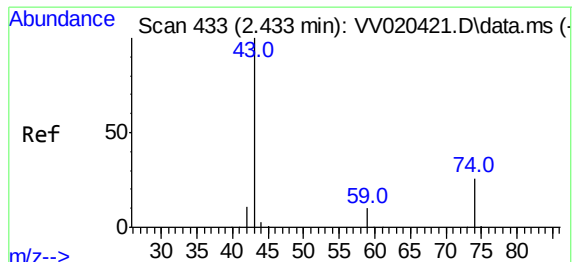
Tgt Ion: 43 Resp: 143711
Ion Ratio Lower Upper
43 100
58 36.8 0.0 68.0



#14
Carbon disulfide
Concen: 51.18 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.003 min
Lab File: VV020426.D
Acq: 01 Mar 2021 16:27

Tgt Ion: 76 Resp: 430062
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2

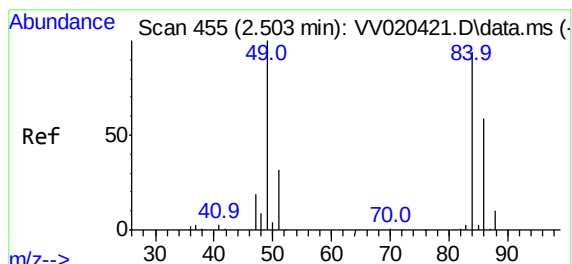
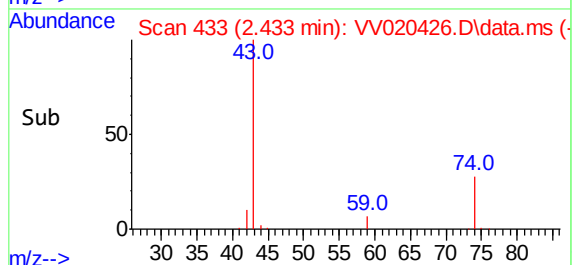
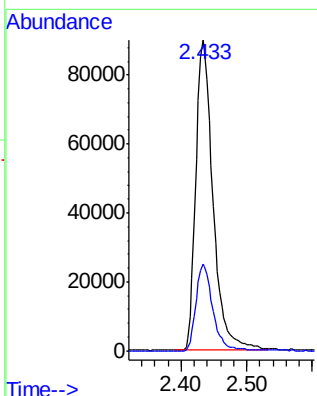
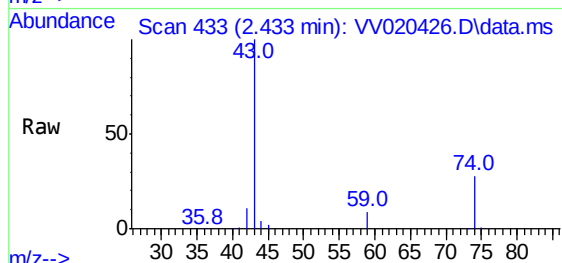




#15
Methyl Acetate
Concen: 51.51 ug/L
RT: 2.433 min Scan# 433
Delta R.T. 0.000 min
Lab File: VV020426.D
Acq: 01 Mar 2021 16:27

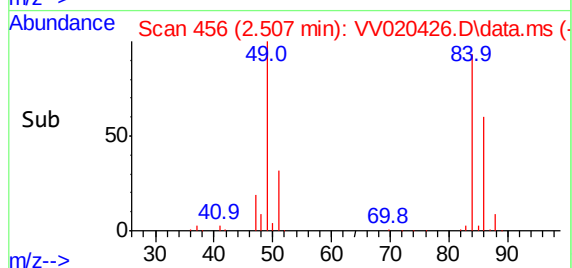
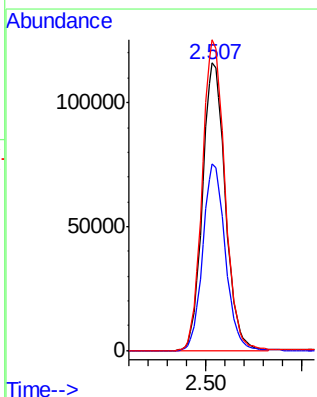
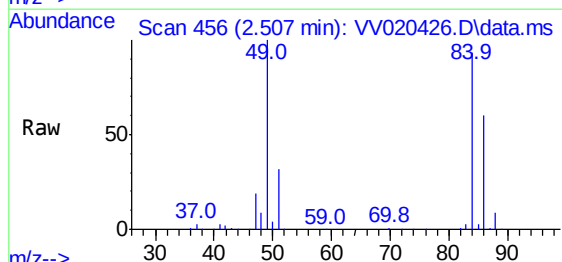
Instrument :
MSVOA_V
ClientSampleId :
VSTD050171

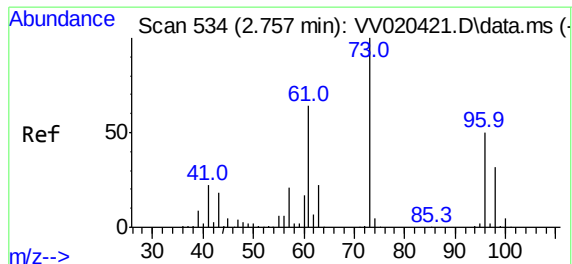
Tgt Ion: 43 Resp: 163074
Ion Ratio Lower Upper
43 100
74 27.2 20.6 30.8



#16
Methylene chloride
Concen: 51.89 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV020426.D
Acq: 01 Mar 2021 16:27

Tgt Ion: 84 Resp: 189539
Ion Ratio Lower Upper
84 100
86 64.8 44.8 83.2
49 108.0 78.5 145.7

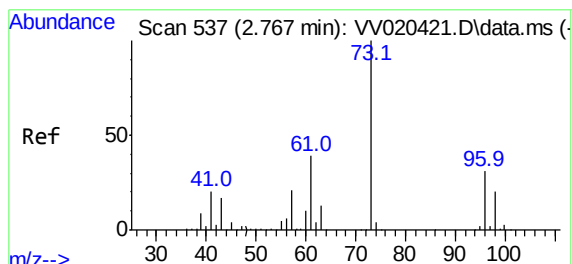
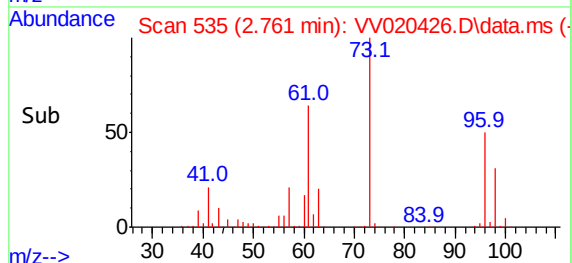
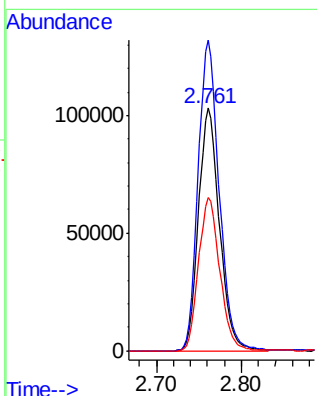
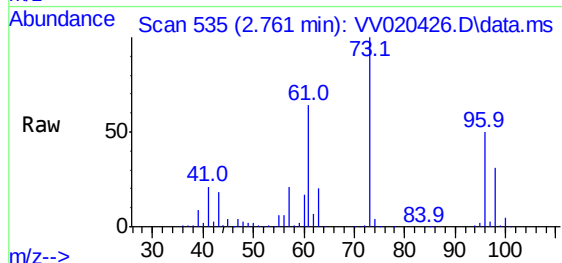




#17
trans-1,2-Dichloroethene
Concen: 52.45 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV020426.D
Acq: 01 Mar 2021 16:27

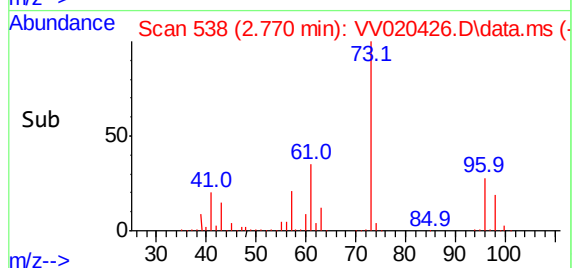
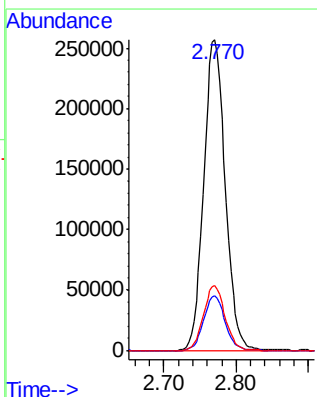
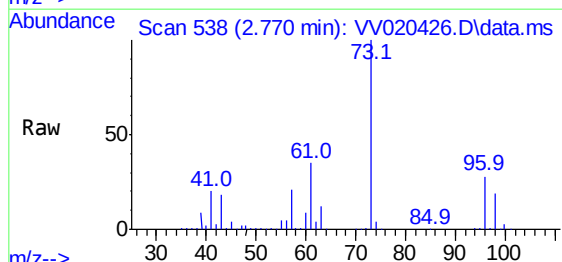
Instrument :
MSVOA_V
ClientSampleId :
VSTD050171

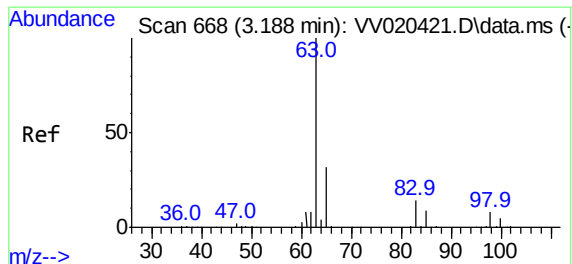
Tgt Ion: 96 Resp: 175857
Ion Ratio Lower Upper
96 100
61 128.2 92.0 170.9
98 63.2 44.2 82.2



#18
Methyl tert-butyl Ether
Concen: 52.25 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV020426.D
Acq: 01 Mar 2021 16:27

Tgt Ion: 73 Resp: 528555
Ion Ratio Lower Upper
73 100
43 17.3 15.0 22.6
57 20.9 17.2 25.8

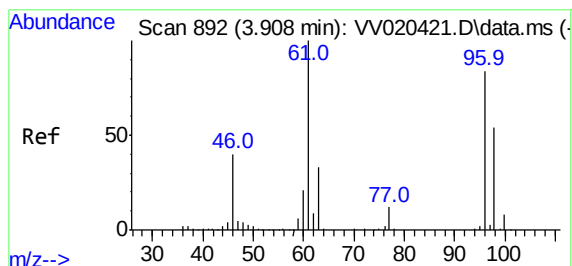
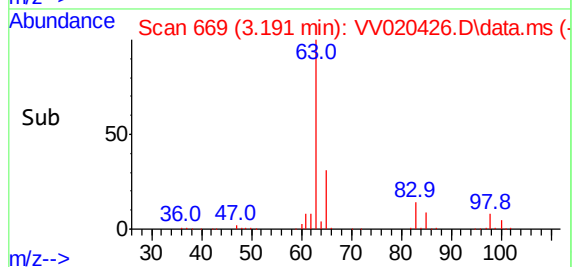
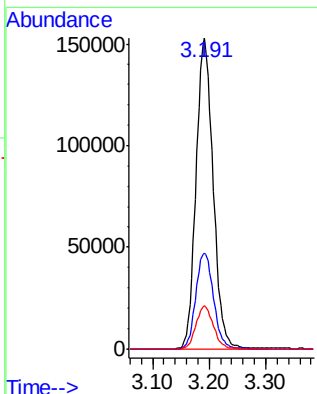
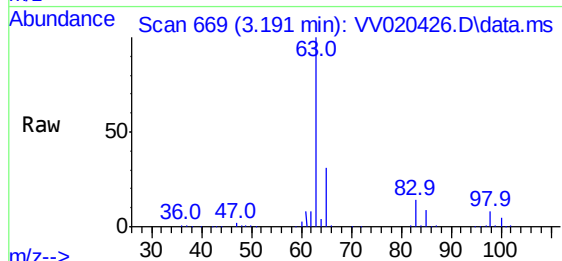




#19
1,1-Dichloroethane
Concen: 51.93 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.003 min
Lab File: VV020426.D
Acq: 01 Mar 2021 16:27

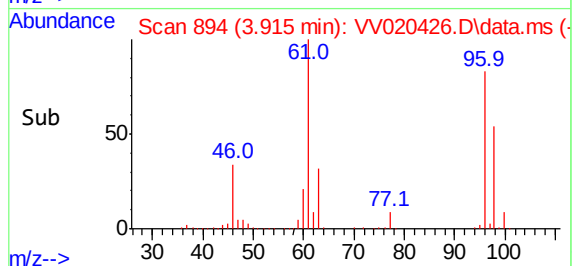
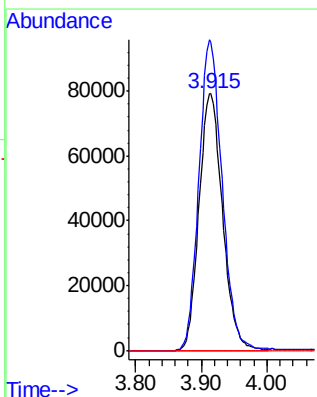
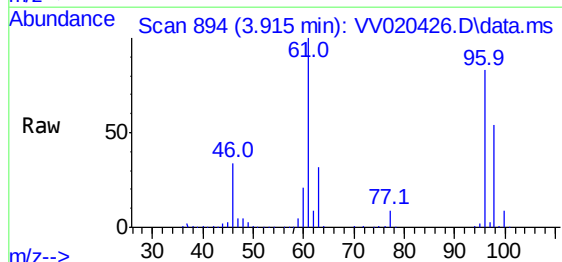
Instrument :
MSVOA_V
ClientSampleId :
VSTD050171

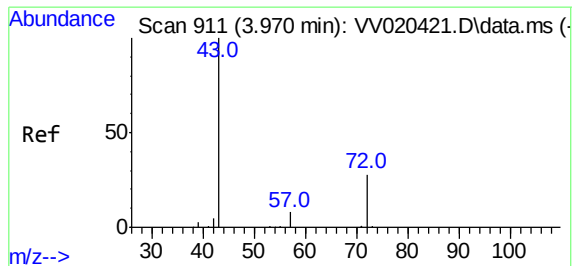
Tgt Ion: 63 Resp: 317381
Ion Ratio Lower Upper
63 100
65 31.0 21.8 40.4
83 13.9 9.4 17.4



#20
cis-1,2-Dichloroethene
Concen: 52.69 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.007 min
Lab File: VV020426.D
Acq: 01 Mar 2021 16:27

Tgt Ion: 96 Resp: 195733
Ion Ratio Lower Upper
96 100
61 119.9 90.6 168.3
68 0.0 0.0 0.0

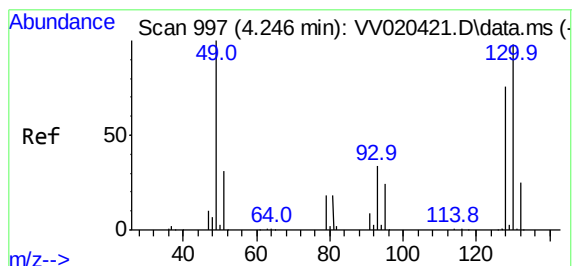
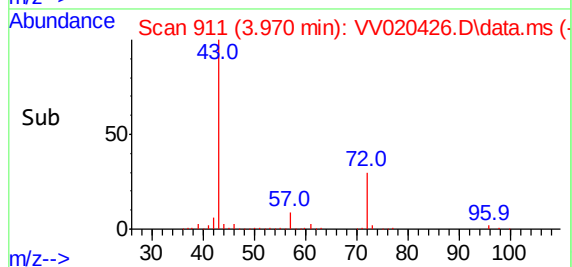
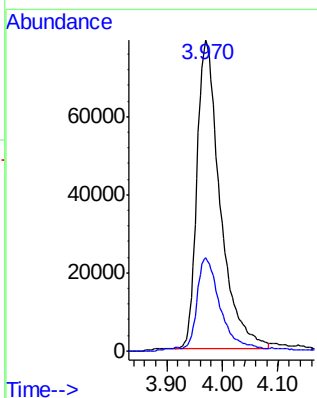
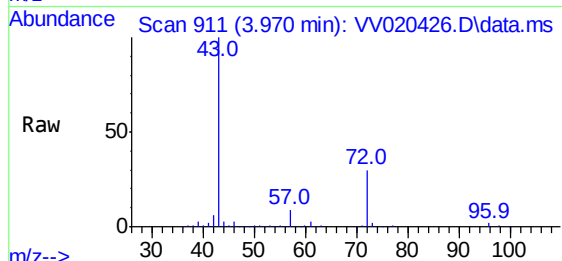




#22
2-Butanone
Concen: 106.76 ug/L
RT: 3.970 min Scan# 911
Delta R.T. 0.000 min
Lab File: VV020426.D
Acq: 01 Mar 2021 16:27

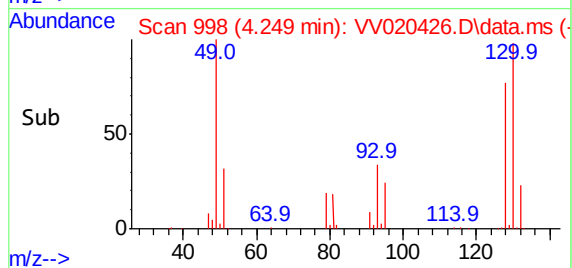
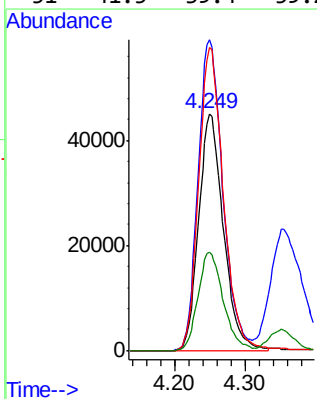
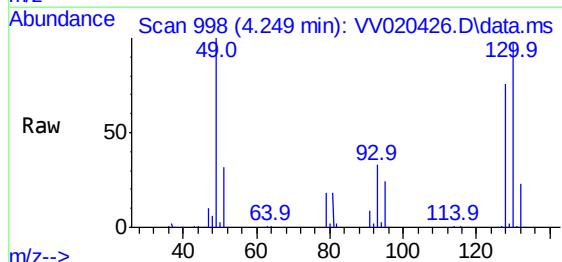
Instrument :
MSVOA_V
ClientSampleId :
VSTD050171

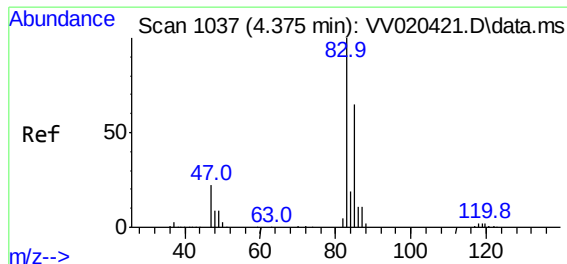
Tgt Ion: 43 Resp: 230088
Ion Ratio Lower Upper
43 100
72 27.4 12.7 38.1



#23
Bromochloromethane
Concen: 54.78 ug/L
RT: 4.249 min Scan# 998
Delta R.T. 0.003 min
Lab File: VV020426.D
Acq: 01 Mar 2021 16:27

Tgt Ion: 128 Resp: 109800
Ion Ratio Lower Upper
128 100
49 131.1 109.8 203.8
130 127.8 92.8 172.4
51 41.5 39.4 59.2

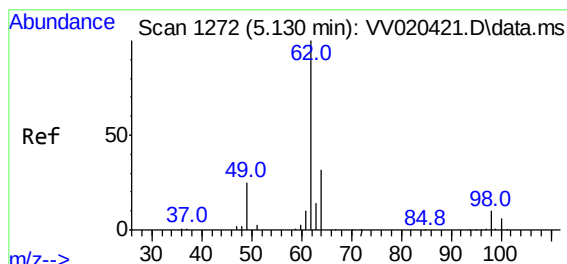
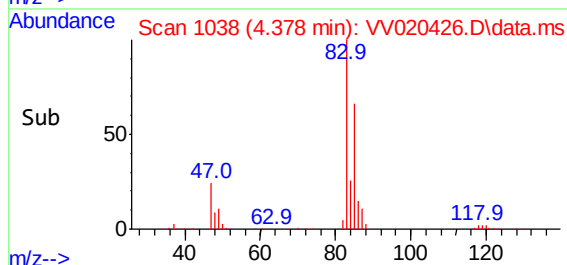
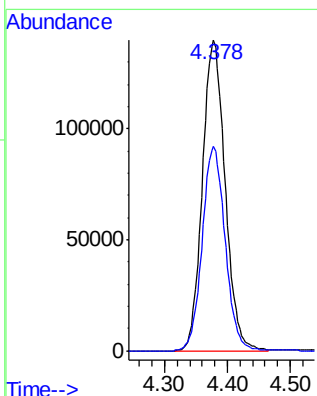
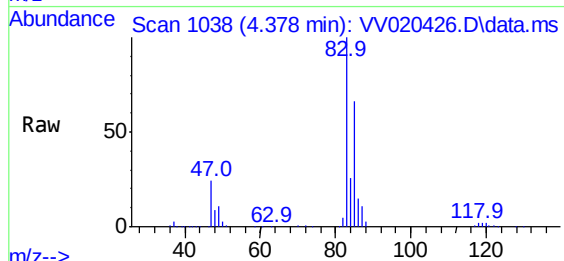




#25
Chloroform
Concen: 52.30 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VV020426.D
Acq: 01 Mar 2021 16:27

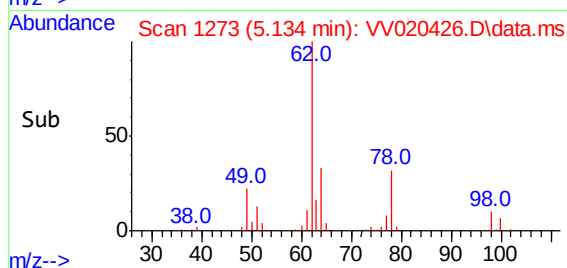
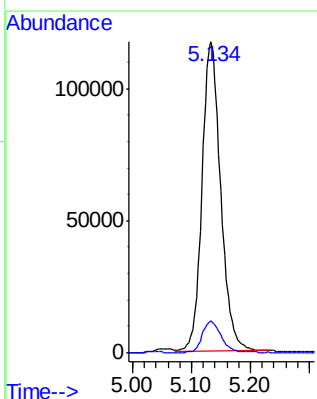
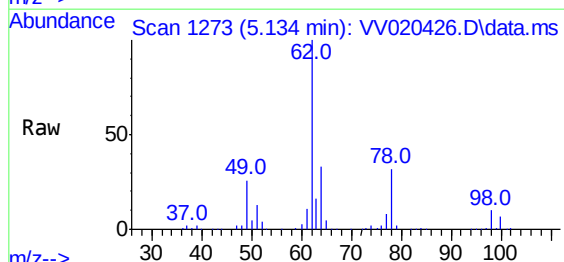
Instrument :
MSVOA_V
ClientSampleId :
VSTD050171

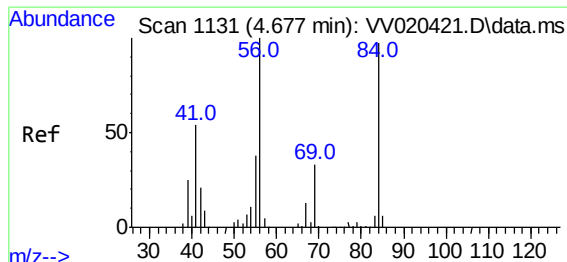
Tgt Ion: 83 Resp: 349954
Ion Ratio Lower Upper
83 100
85 65.7 44.6 82.8



#27
1,2-Dichloroethane
Concen: 52.25 ug/L
RT: 5.134 min Scan# 1273
Delta R.T. 0.003 min
Lab File: VV020426.D
Acq: 01 Mar 2021 16:27

Tgt Ion: 62 Resp: 259132
Ion Ratio Lower Upper
62 100
98 10.0 7.8 11.6



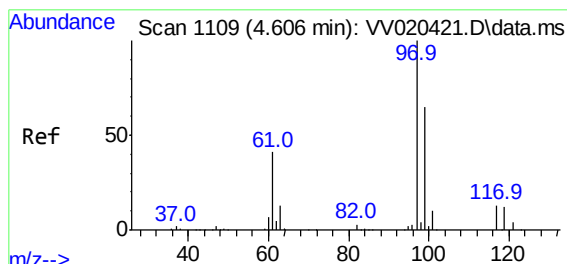
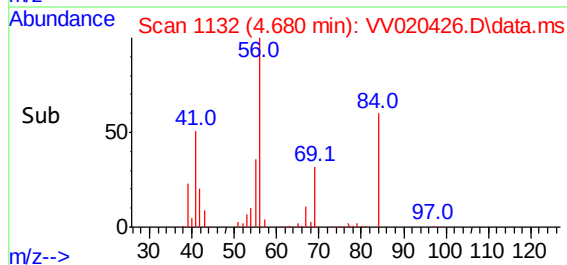
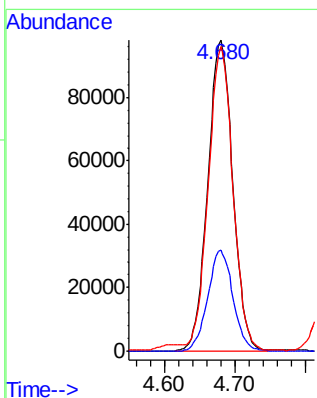
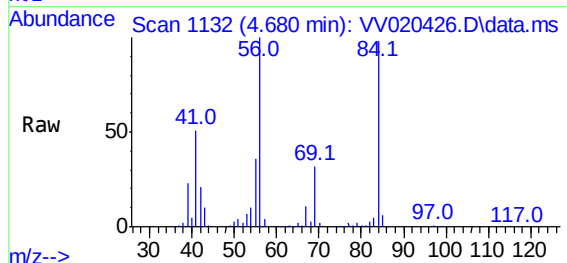


#29
Cyclohexane
Concen: 49.85 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. 0.003 min
Lab File: VV020426.D
Acq: 01 Mar 2021 16:27

Instrument :
MSVOA_V
ClientSampleId :
VSTD050171

Tgt Ion: 56 Resp: 241408

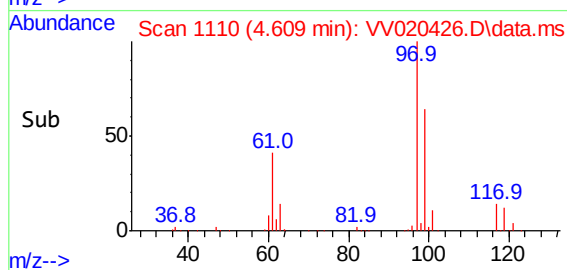
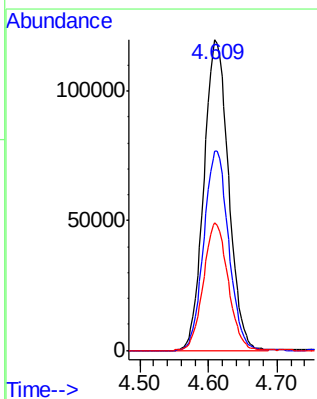
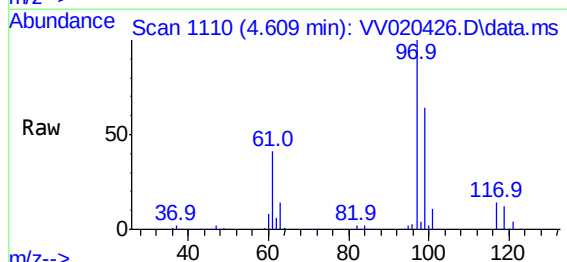
Ion	Ratio	Lower	Upper
56	100		
69	32.5	25.1	37.7
84	97.0	70.6	106.0

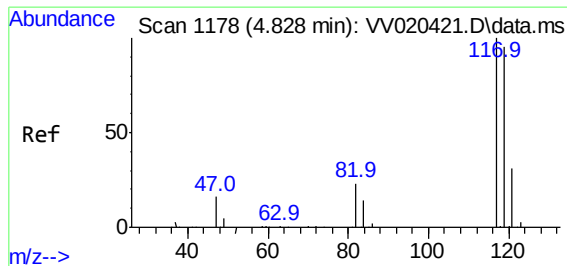


#30
1,1,1-Trichloroethane
Concen: 52.05 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. 0.003 min
Lab File: VV020426.D
Acq: 01 Mar 2021 16:27

Tgt Ion: 97 Resp: 298271

Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.9	77.9
61	41.2	35.4	53.2

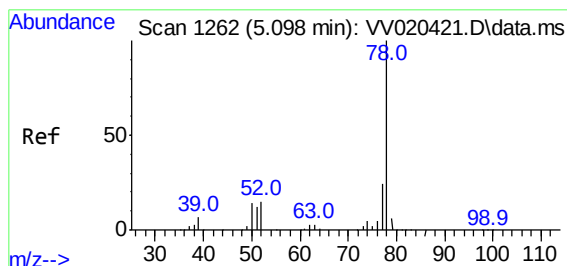
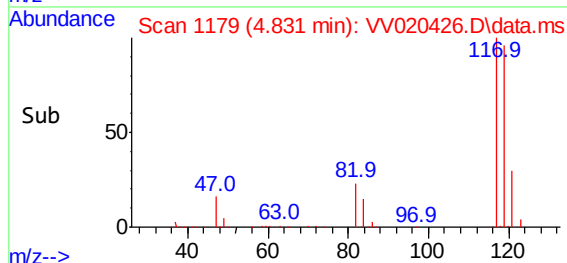
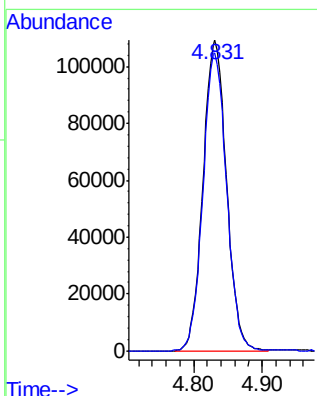
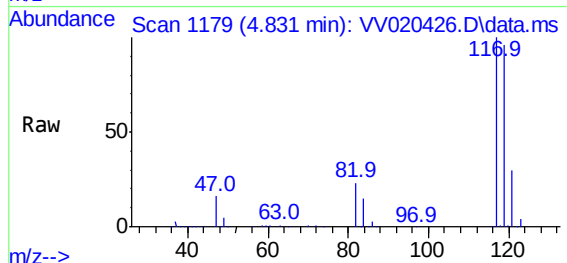




#31
Carbon tetrachloride
Concen: 51.76 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VV020426.D
Acq: 01 Mar 2021 16:27

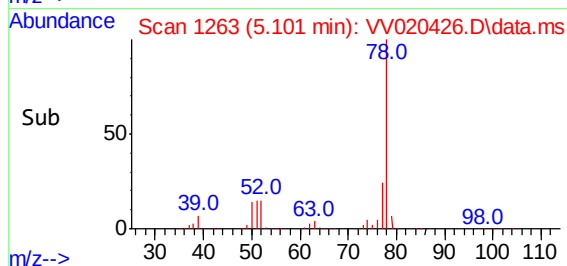
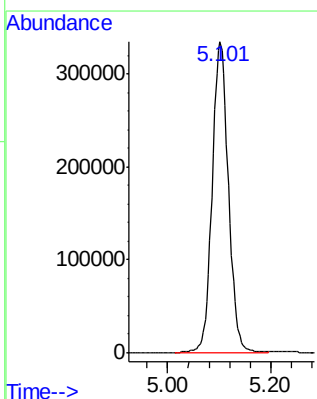
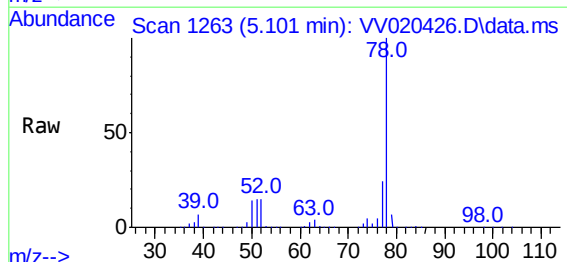
Instrument :
MSVOA_V
ClientSampleId :
VSTD050171

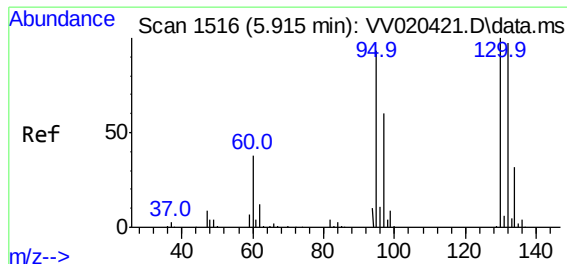
Tgt Ion:117 Resp: 258216
Ion Ratio Lower Upper
117 100
119 96.7 76.9 115.3



#33
Benzene
Concen: 53.22 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV020426.D
Acq: 01 Mar 2021 16:27

Tgt Ion: 78 Resp: 728135

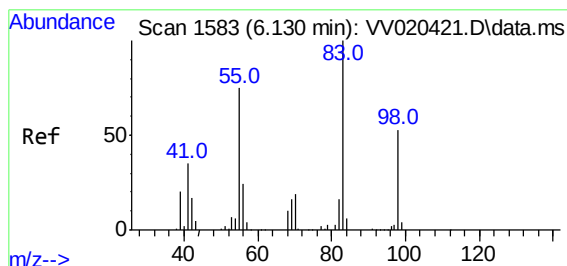
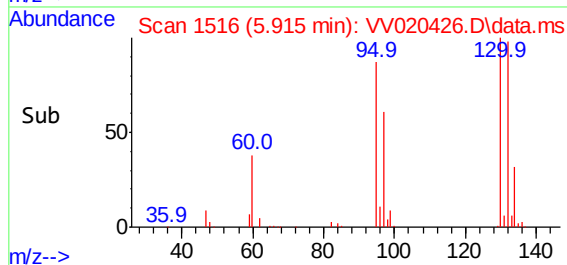
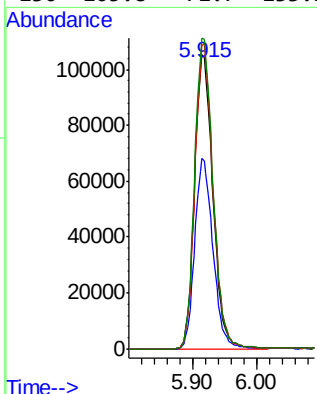
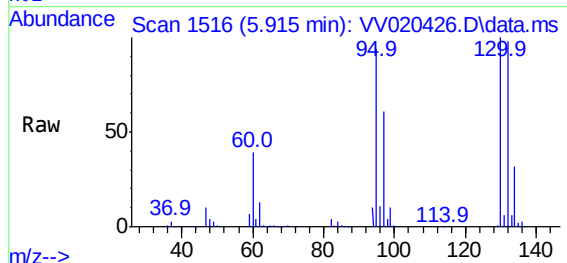




#34
Trichloroethene
Concen: 52.31 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VV020426.D
Acq: 01 Mar 2021 16:27

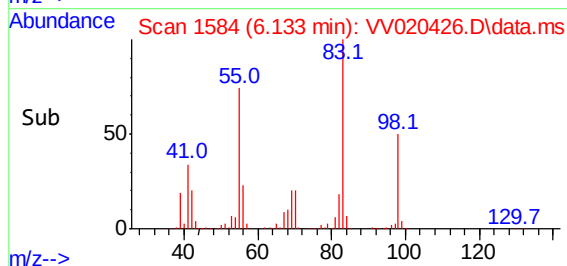
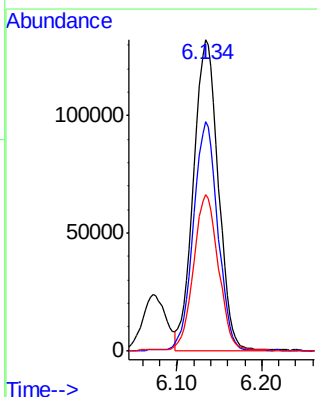
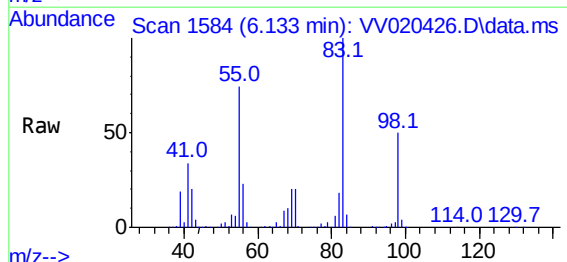
Instrument :
MSVOA_V
ClientSampleId :
VSTD050171

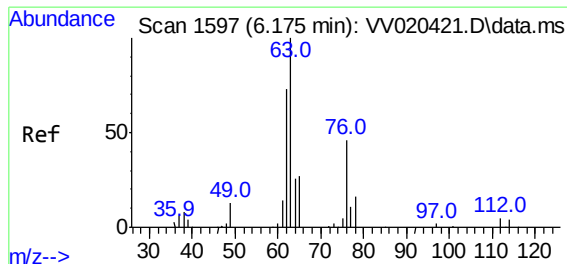
Tgt Ion: 95 Resp: 208084
Ion Ratio Lower Upper
95 100
97 64.7 45.4 84.4
132 103.3 68.7 127.7
130 105.8 71.7 133.1



#35
Methylcyclohexane
Concen: 50.20 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.003 min
Lab File: VV020426.D
Acq: 01 Mar 2021 16:27

Tgt Ion: 83 Resp: 267485
Ion Ratio Lower Upper
83 100
55 72.2 61.4 92.0
98 50.1 39.9 59.9

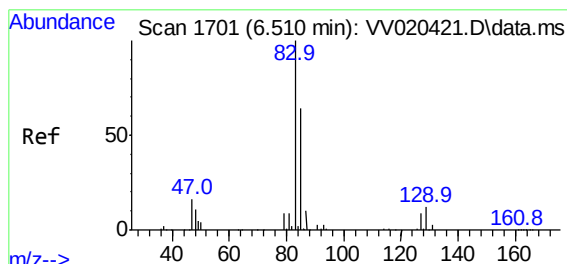
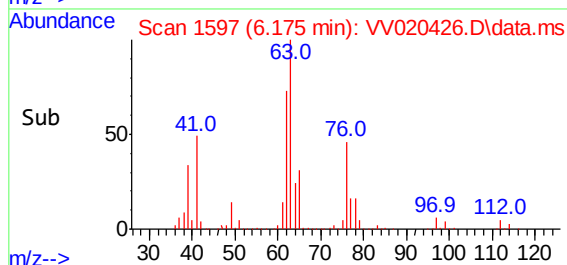
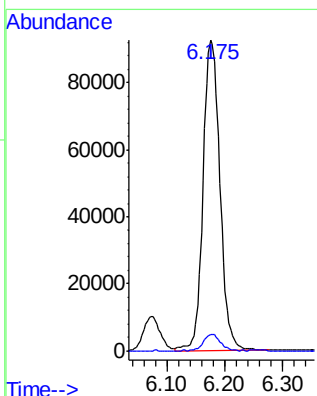
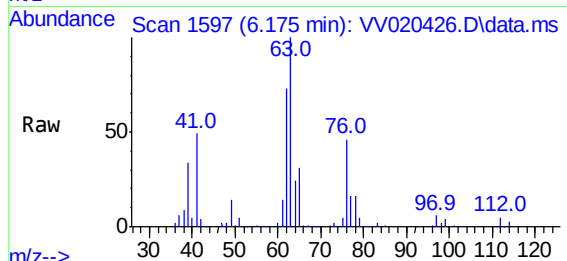




#37
1,2-Dichloropropane
Concen: 53.40 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VV020426.D
Acq: 01 Mar 2021 16:27

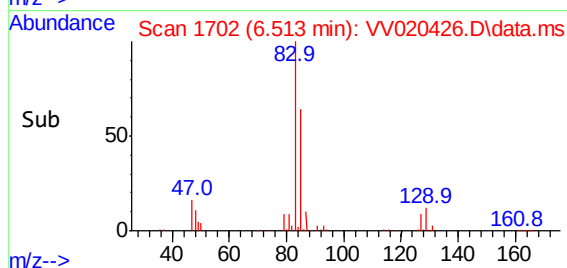
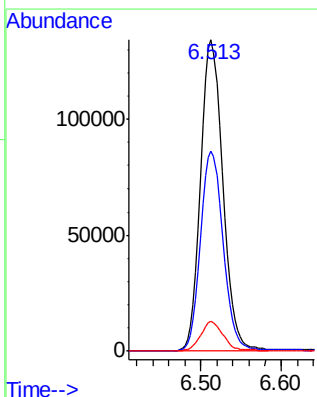
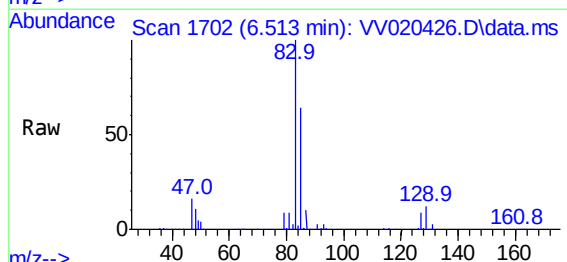
Instrument :
MSVOA_V
ClientSampleId :
VSTD050171

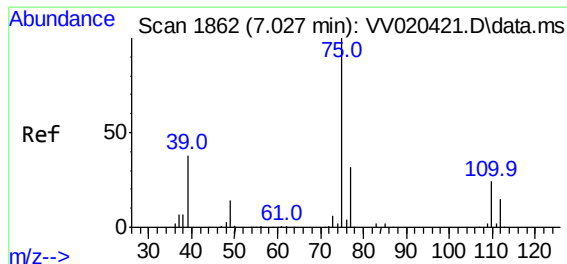
Tgt Ion: 63 Resp: 186019
Ion Ratio Lower Upper
63 100
112 5.4 3.9 5.9



#38
Bromodichloromethane
Concen: 52.27 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VV020426.D
Acq: 01 Mar 2021 16:27

Tgt Ion: 83 Resp: 249632
Ion Ratio Lower Upper
83 100
85 64.4 44.2 82.2
127 9.4 6.8 10.2

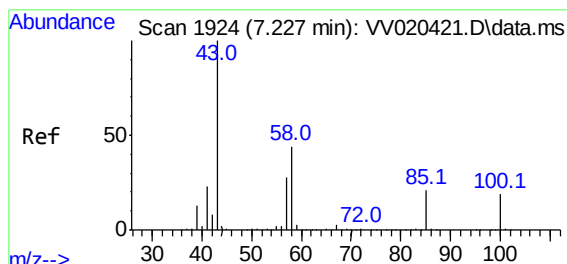
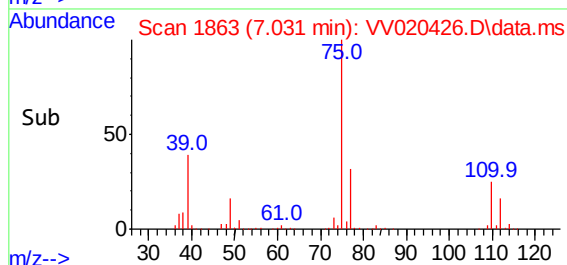
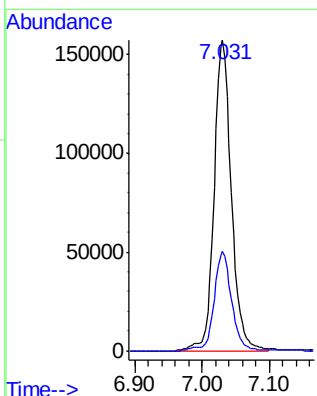
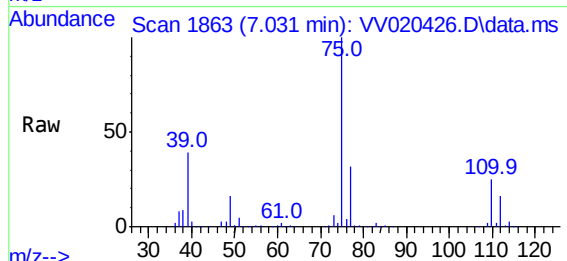




#39
cis-1,3-Dichloropropene
Concen: 53.36 ug/L
RT: 7.031 min Scan# 1863
Delta R.T. 0.003 min
Lab File: VV020426.D
Acq: 01 Mar 2021 16:27

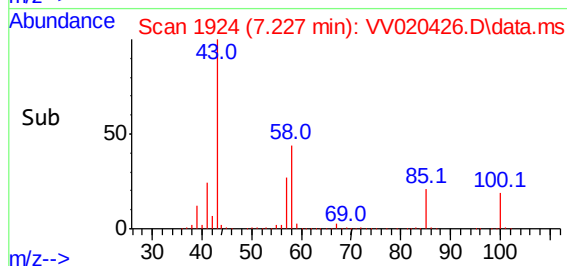
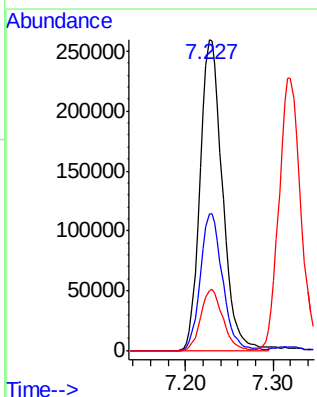
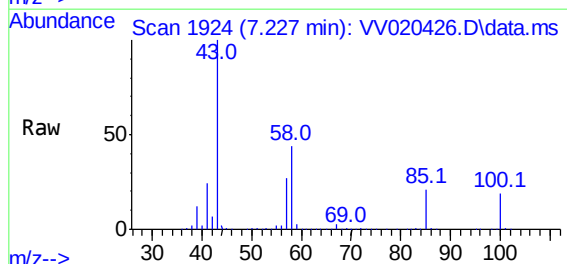
Instrument :
MSVOA_V
ClientSampleId :
VSTD050171

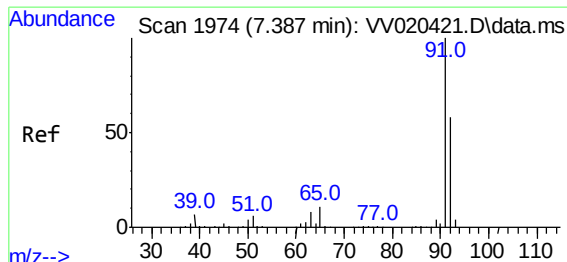
Tgt Ion: 75 Resp: 282483
Ion Ratio Lower Upper
75 100
77 31.9 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 106.82 ug/L
RT: 7.227 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VV020426.D
Acq: 01 Mar 2021 16:27

Tgt Ion: 43 Resp: 459920
Ion Ratio Lower Upper
43 100
58 43.6 32.1 48.1
100 19.3 13.4 20.0

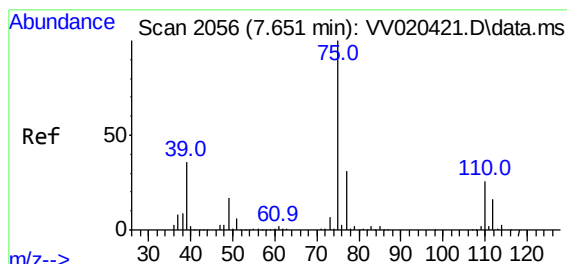
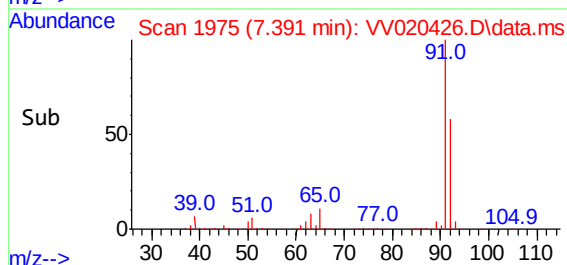
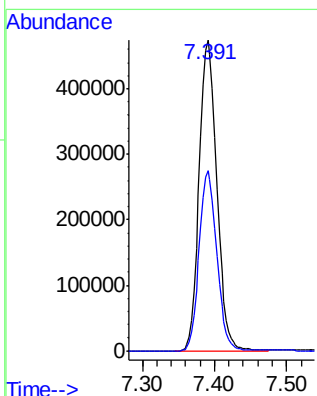
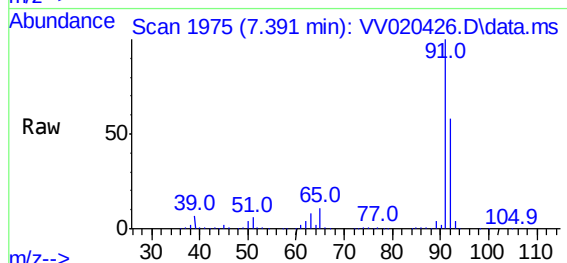




#42
Toluene
Concen: 53.92 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.003 min
Lab File: VV020426.D
Acq: 01 Mar 2021 16:27

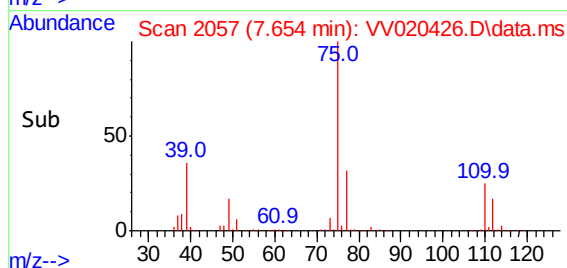
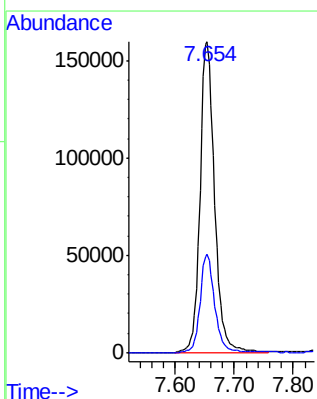
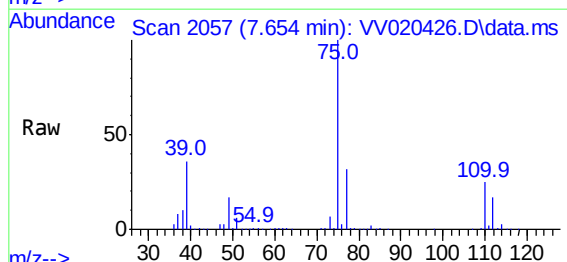
Instrument :
MSVOA_V
ClientSampleId :
VSTD050171

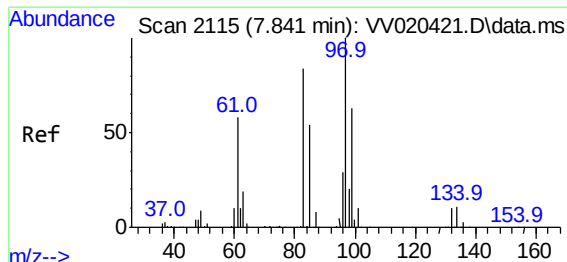
Tgt Ion: 91 Resp: 806064
Ion Ratio Lower Upper
91 100
92 57.9 40.9 75.9



#44
trans-1,3-Dichloropropene
Concen: 53.55 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. 0.003 min
Lab File: VV020426.D
Acq: 01 Mar 2021 16:27

Tgt Ion: 75 Resp: 276719
Ion Ratio Lower Upper
75 100
77 31.7 22.5 41.7



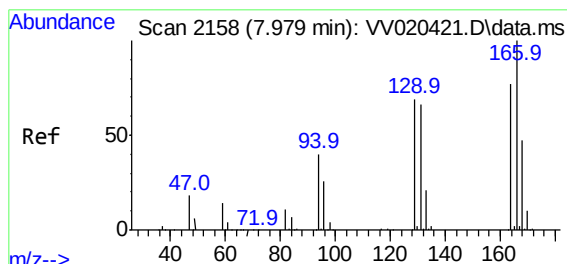
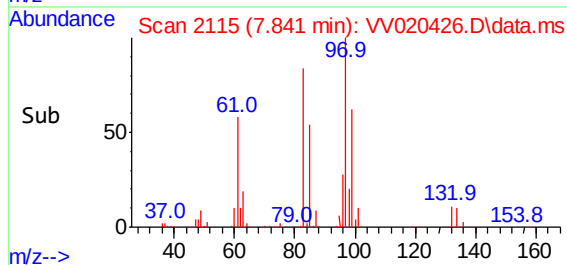
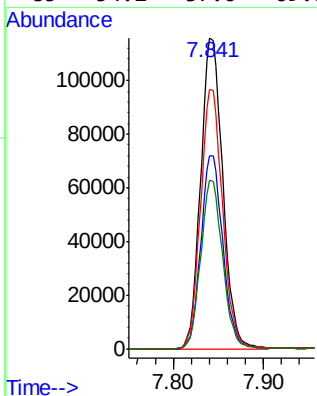
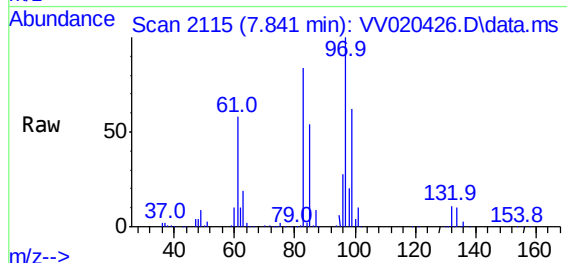


#45
1,1,2-Trichloroethane
Concen: 53.70 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VV020426.D
Acq: 01 Mar 2021 16:27

Instrument :
MSVOA_V
ClientSampleId :
VSTD050171

Tgt Ion: 97 Resp: 196028

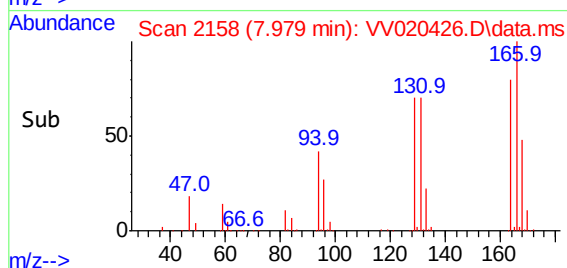
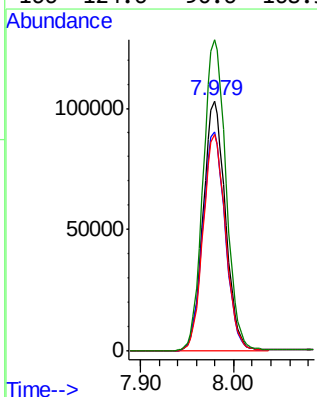
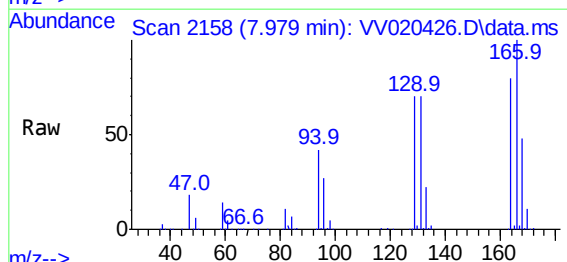
Ion	Ratio	Lower	Upper
97	100		
99	62.0	43.0	79.8
83	83.5	57.8	107.4
85	54.2	37.6	69.8

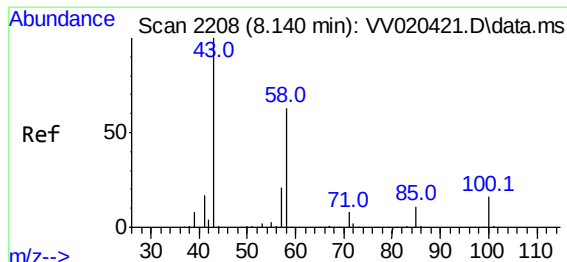


#46
Tetrachloroethene
Concen: 53.31 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.000 min
Lab File: VV020426.D
Acq: 01 Mar 2021 16:27

Tgt Ion: 164 Resp: 170410

Ion	Ratio	Lower	Upper
164	100		
129	87.6	64.0	118.8
131	86.6	61.2	113.8
166	124.6	90.6	168.3



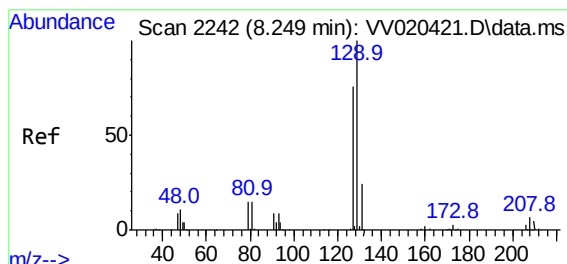
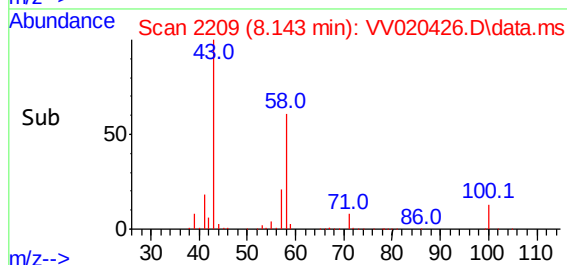
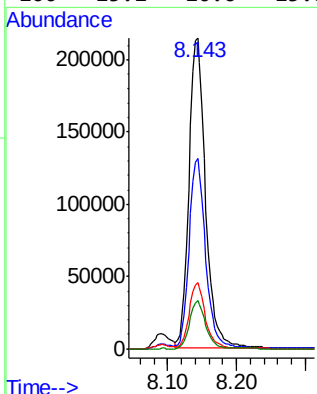
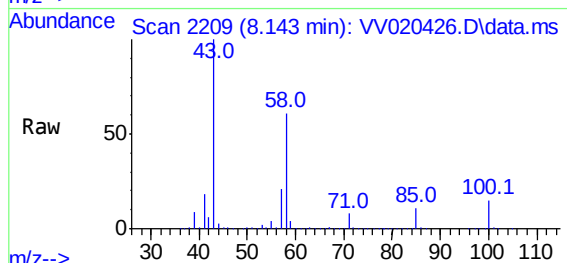


#48
2-Hexanone
Concen: 107.72 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VV020426.D
Acq: 01 Mar 2021 16:27

Instrument :
MSVOA_V
ClientSampleId :
VSTD050171

Tgt Ion: 43 Resp: 358429

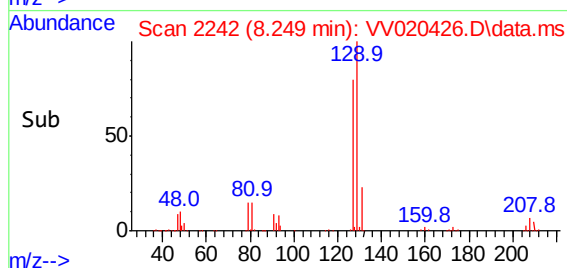
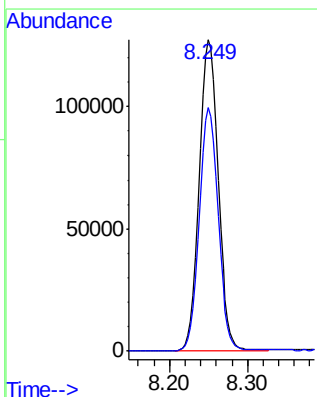
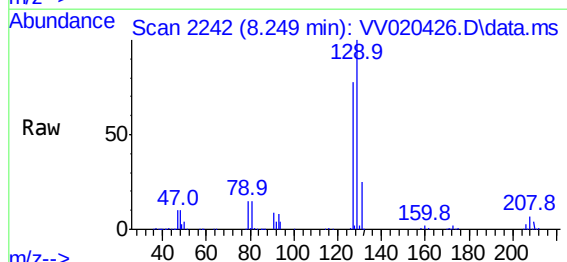
Ion	Ratio	Lower	Upper
43	100		
58	61.3	45.3	67.9
57	20.5	15.8	23.6
100	15.1	10.6	15.8

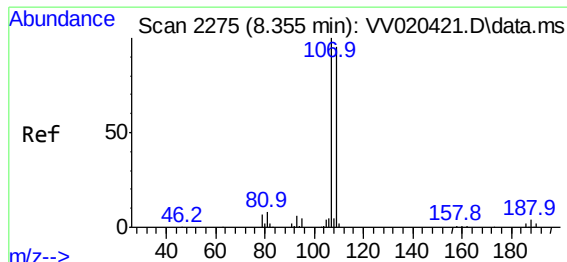


#49
Dibromochloromethane
Concen: 54.44 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VV020426.D
Acq: 01 Mar 2021 16:27

Tgt Ion: 129 Resp: 214707

Ion	Ratio	Lower	Upper
129	100		
127	78.1	54.7	101.7

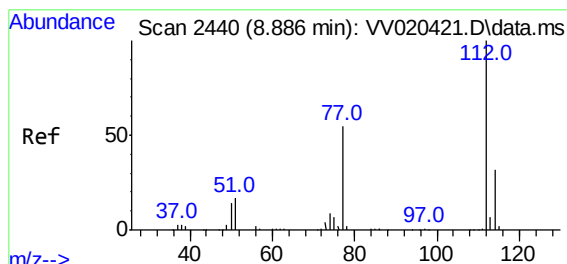
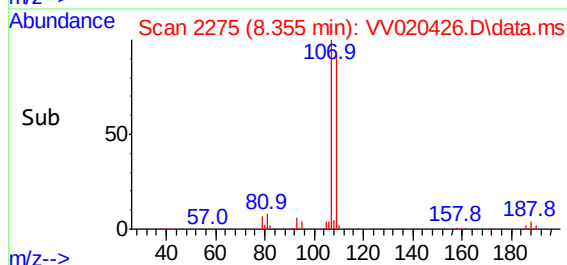
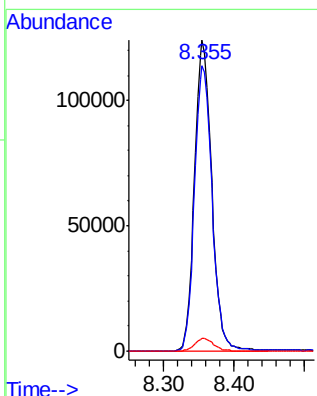
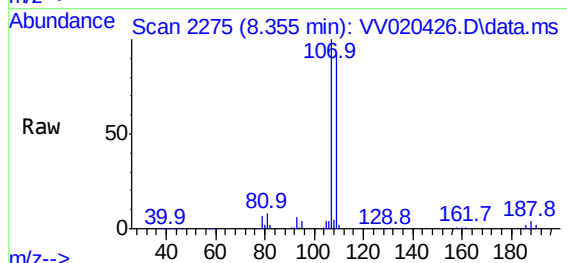




#50
1,2-Dibromoethane
Concen: 53.93 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. 0.000 min
Lab File: VV020426.D
Acq: 01 Mar 2021 16:27

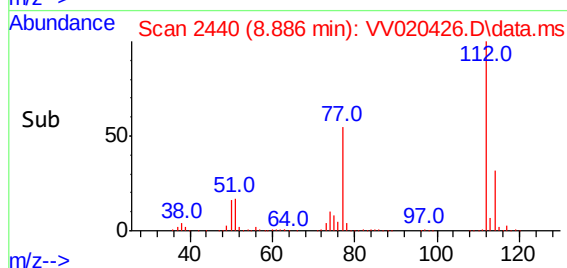
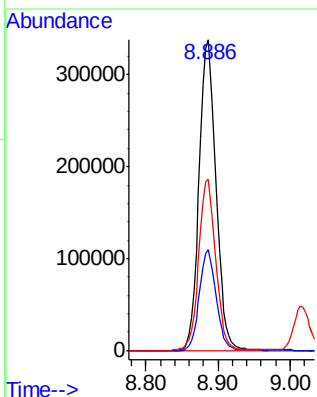
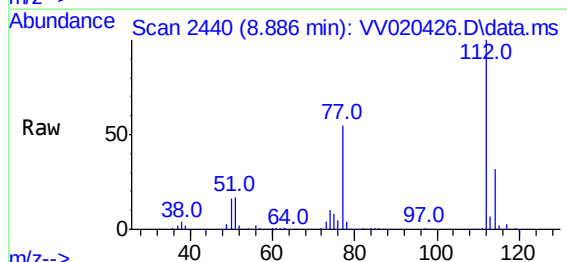
Instrument :
MSVOA_V
ClientSampleId :
VSTD050171

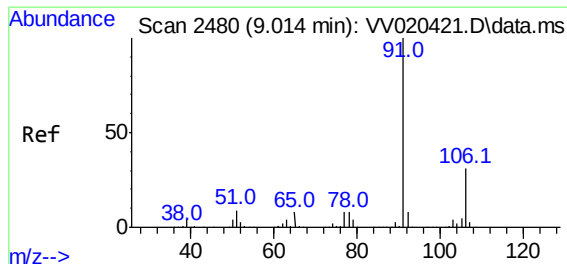
Tgt Ion:107 Resp: 209353
Ion Ratio Lower Upper
107 100
109 91.9 66.2 123.0
188 4.1 3.6 5.4



#51
Chlorobenzene
Concen: 52.75 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.000 min
Lab File: VV020426.D
Acq: 01 Mar 2021 16:27

Tgt Ion:112 Resp: 551195
Ion Ratio Lower Upper
112 100
114 32.3 22.5 41.7
77 55.1 47.3 70.9

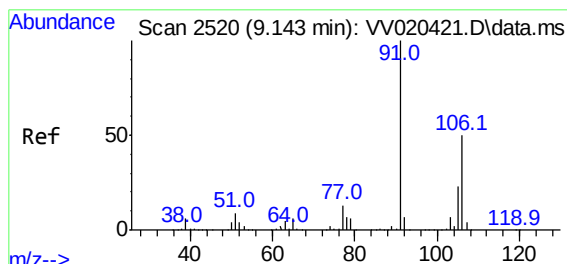
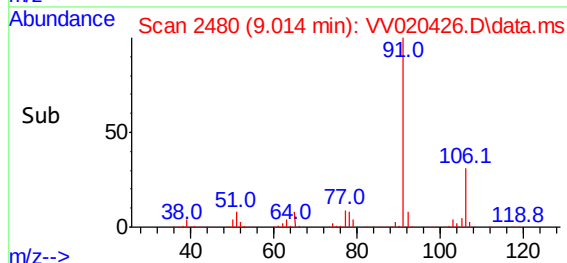
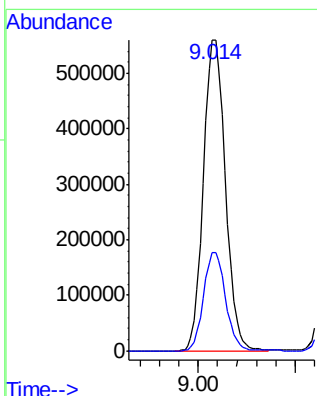
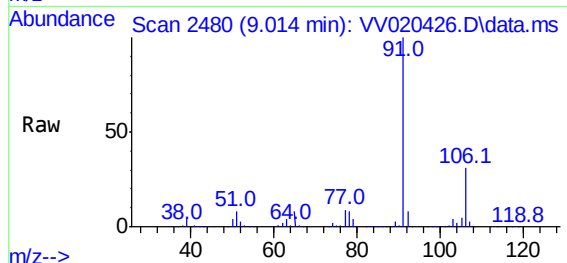




#52
Ethylbenzene
Concen: 53.44 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.000 min
Lab File: VV020426.D
Acq: 01 Mar 2021 16:27

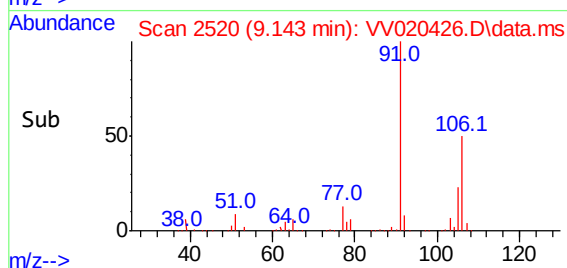
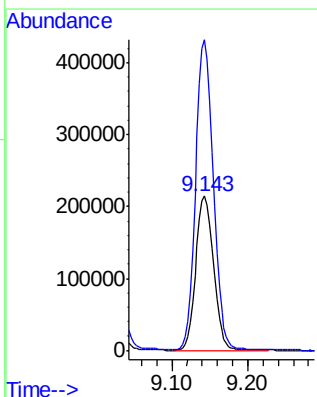
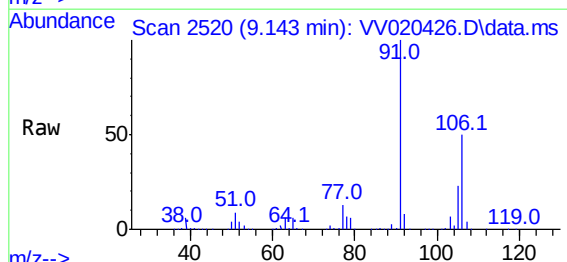
Instrument :
MSVOA_V
ClientSampleId :
VSTD050171

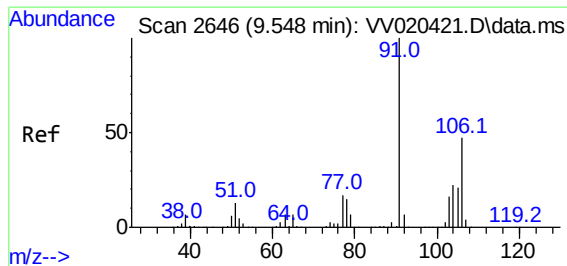
Tgt Ion: 91 Resp: 886868
Ion Ratio Lower Upper
91 100
106 31.5 21.3 39.6



#53
m,p-Xylene
Concen: 54.53 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VV020426.D
Acq: 01 Mar 2021 16:27

Tgt Ion: 106 Resp: 345965
Ion Ratio Lower Upper
106 100
91 201.2 143.1 265.7

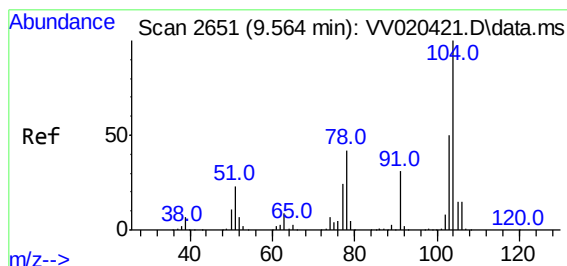
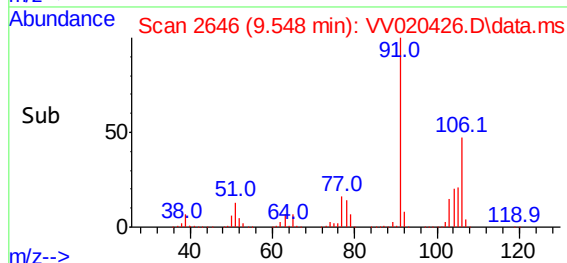
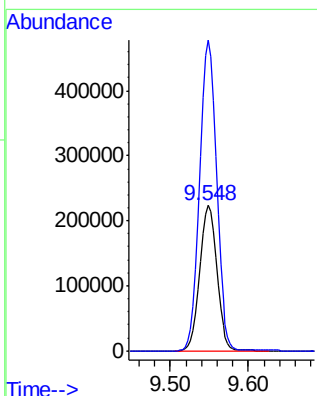
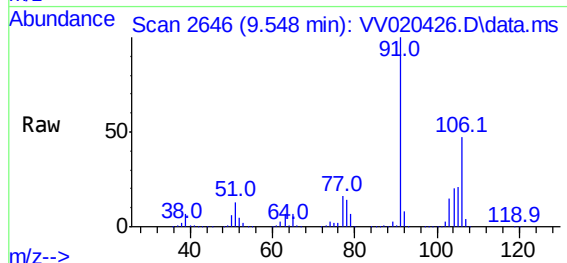




#54
o-Xylene
Concen: 54.36 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.000 min
Lab File: VV020426.D
Acq: 01 Mar 2021 16:27

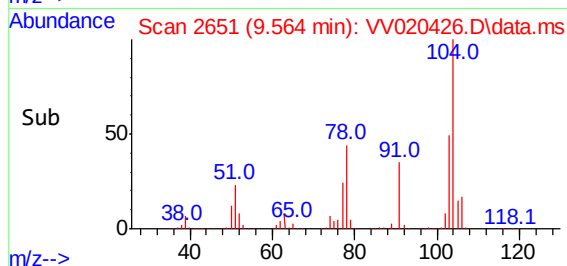
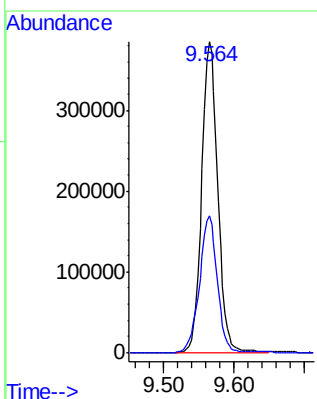
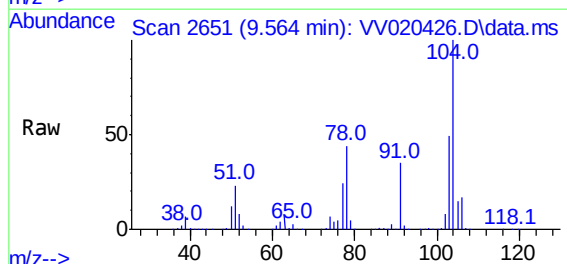
Instrument :
MSVOA_V
ClientSampleId :
VSTD050171

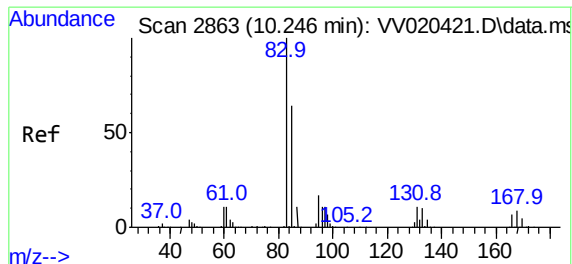
Tgt Ion:106 Resp: 338610
Ion Ratio Lower Upper
106 100
91 214.2 153.6 285.3



#55
Styrene
Concen: 56.47 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.000 min
Lab File: VV020426.D
Acq: 01 Mar 2021 16:27

Tgt Ion:104 Resp: 603760
Ion Ratio Lower Upper
104 100
78 43.9 31.6 58.8

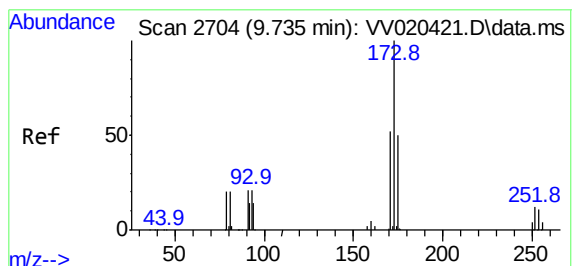
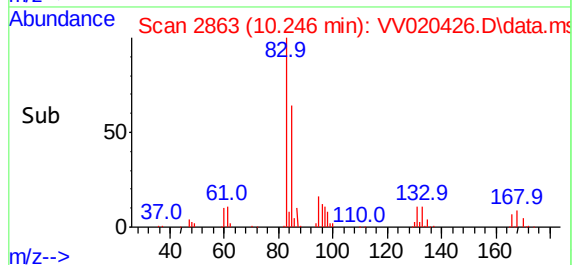
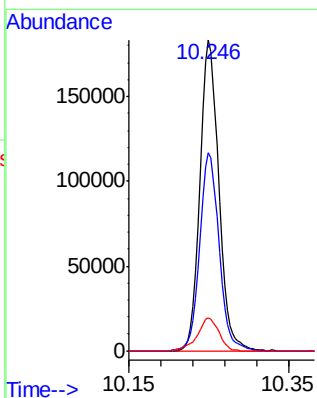
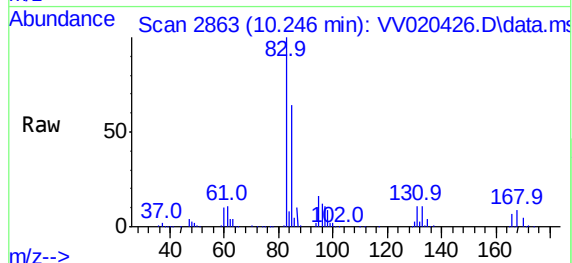




#57
1,1,2,2-Tetrachloroethane
Concen: 53.59 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. 0.000 min
Lab File: VV020426.D
Acq: 01 Mar 2021 16:27

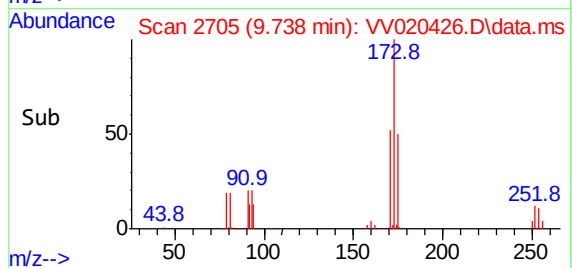
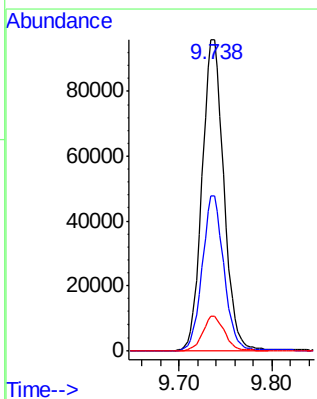
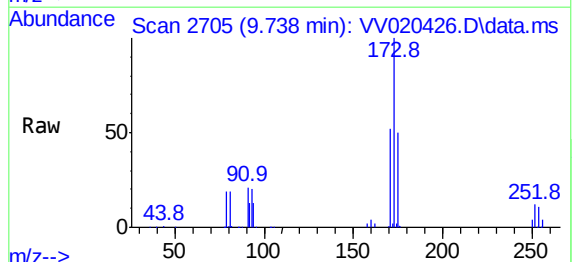
Instrument :
MSVOA_V
ClientSampleId :
VSTD050171

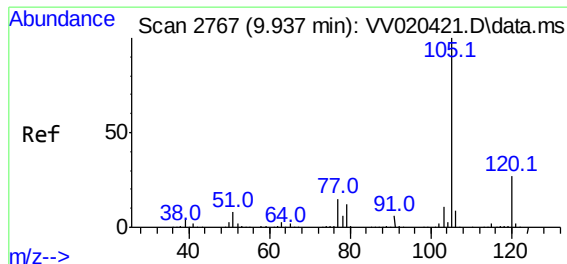
Tgt Ion: 83 Resp: 288225
Ion Ratio Lower Upper
83 100
85 63.8 45.4 84.4
131 10.8 8.6 12.8



#59
Bromoform
Concen: 52.81 ug/L
RT: 9.738 min Scan# 2705
Delta R.T. 0.003 min
Lab File: VV020426.D
Acq: 01 Mar 2021 16:27

Tgt Ion: 173 Resp: 155413
Ion Ratio Lower Upper
173 100
175 49.5 39.0 58.6
254 10.9 9.5 14.3

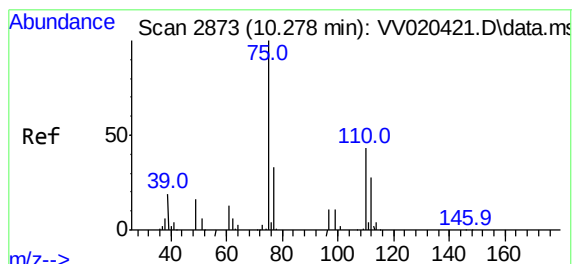
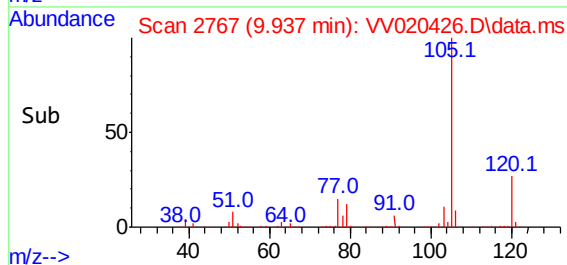
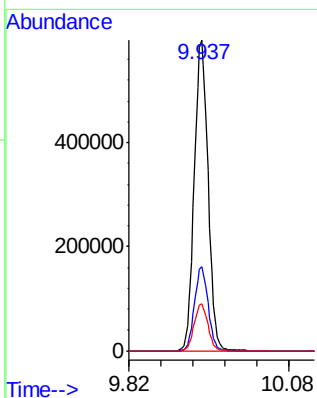
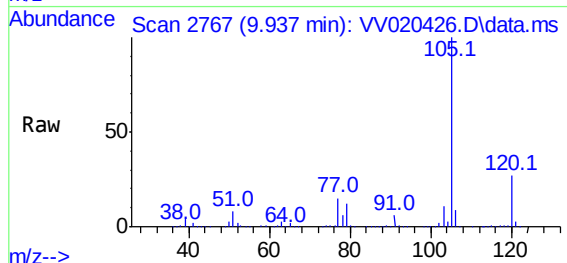




#60
Isopropylbenzene
Concen: 52.13 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. 0.000 min
Lab File: VV020426.D
Acq: 01 Mar 2021 16:27

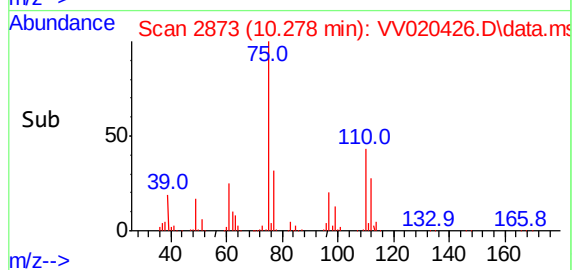
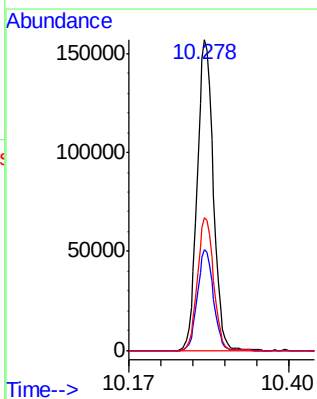
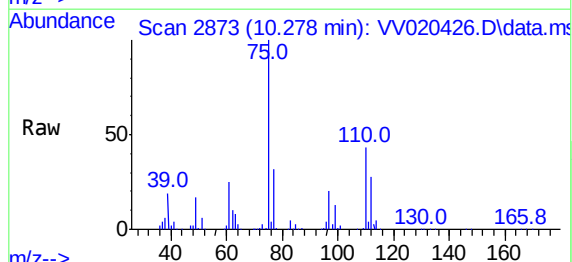
Instrument :
MSVOA_V
ClientSampleId :
VSTD050171

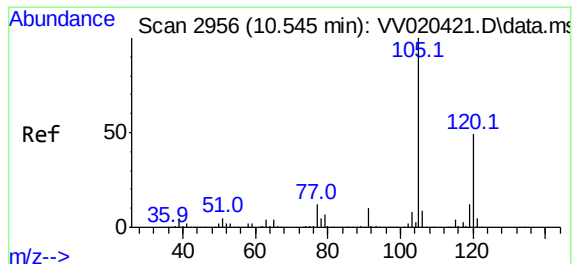
Tgt Ion:105 Resp: 898514
Ion Ratio Lower Upper
105 100
120 26.8 21.2 31.8
77 15.1 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 49.85 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. 0.000 min
Lab File: VV020426.D
Acq: 01 Mar 2021 16:27

Tgt Ion: 75 Resp: 246327
Ion Ratio Lower Upper
75 100
77 32.2 25.7 38.5
110 42.8 33.3 49.9

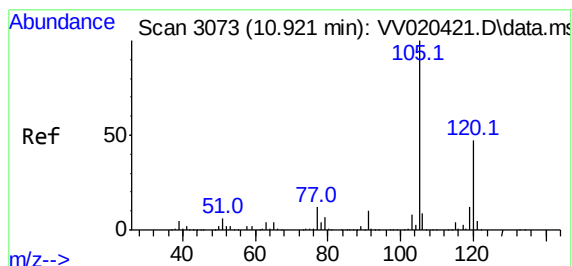
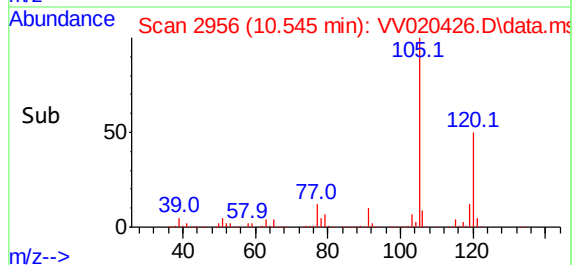
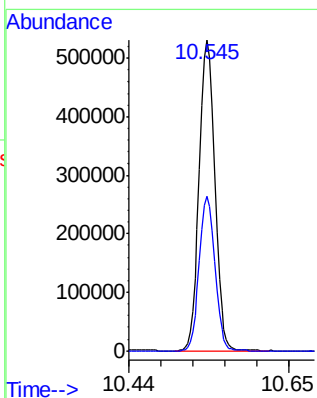
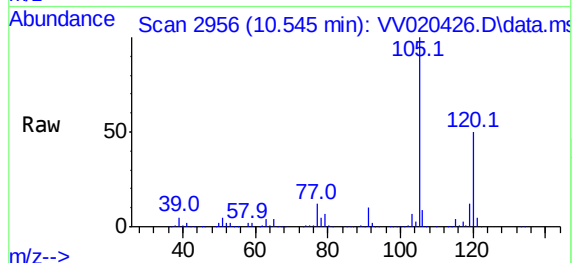




#62
1,3,5-Trimethylbenzene
Concen: 53.43 ug/L
RT: 10.545 min Scan# 2956
Delta R.T. 0.000 min
Lab File: VV020426.D
Acq: 01 Mar 2021 16:27

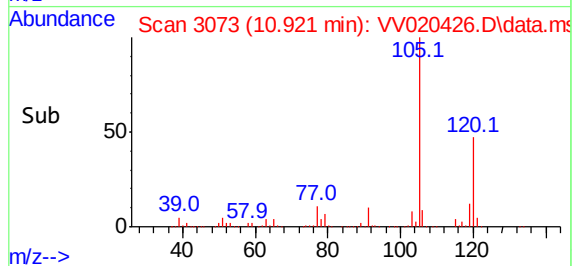
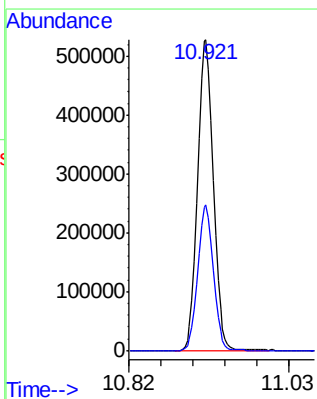
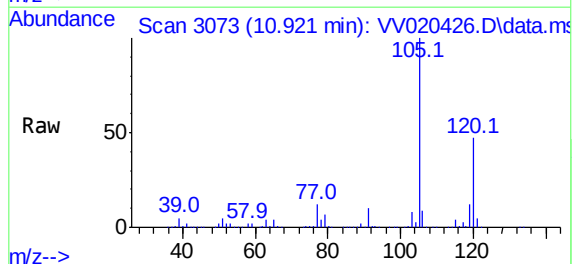
Instrument :
MSVOA_V
ClientSampleId :
VSTD050171

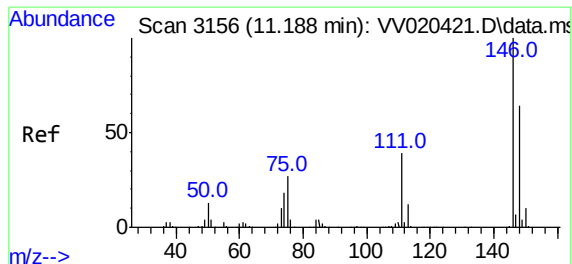
Tgt Ion:105 Resp: 754487
Ion Ratio Lower Upper
105 100
120 49.9 39.9 59.9



#63
1,2,4-Trimethylbenzene
Concen: 54.21 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. 0.000 min
Lab File: VV020426.D
Acq: 01 Mar 2021 16:27

Tgt Ion:105 Resp: 784375
Ion Ratio Lower Upper
105 100
120 46.2 37.0 55.6

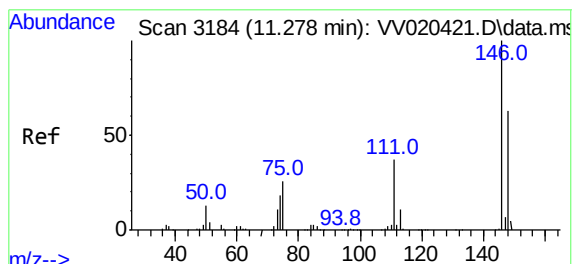
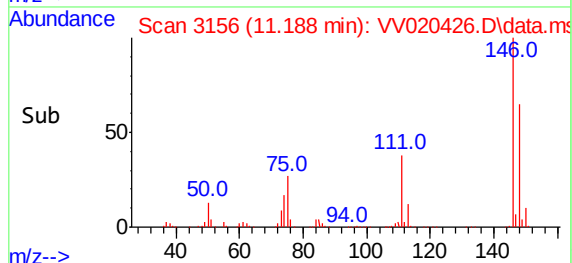
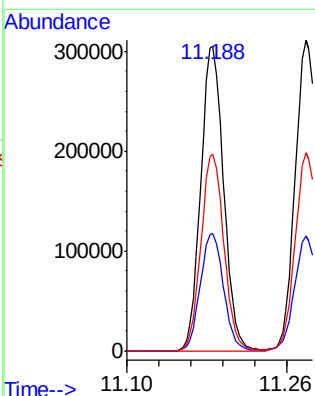
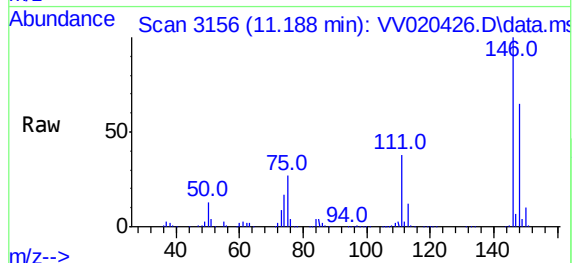




#64
1,3-Dichlorobenzene
Concen: 51.80 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.000 min
Lab File: VV020426.D
Acq: 01 Mar 2021 16:27

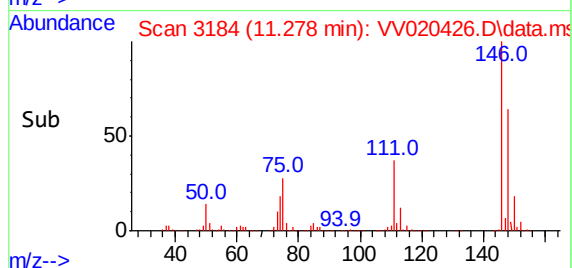
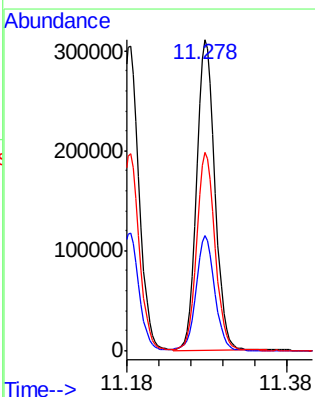
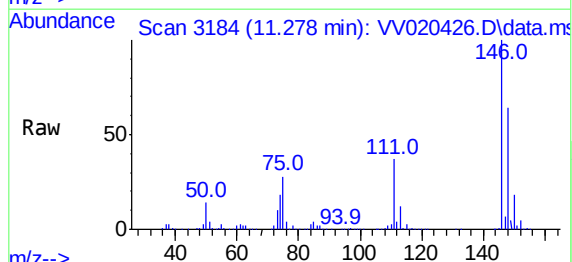
Instrument :
MSVOA_V
ClientSampleId :
VSTD050171

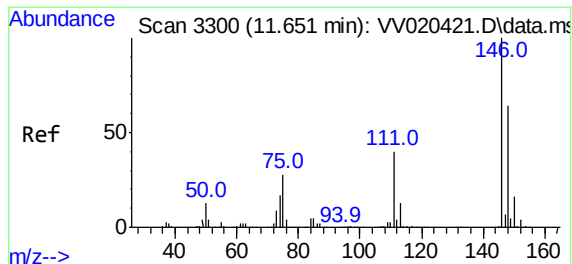
Tgt Ion:146 Resp: 469471
Ion Ratio Lower Upper
146 100
111 38.4 27.4 51.0
148 64.8 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 51.35 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. 0.000 min
Lab File: VV020426.D
Acq: 01 Mar 2021 16:27

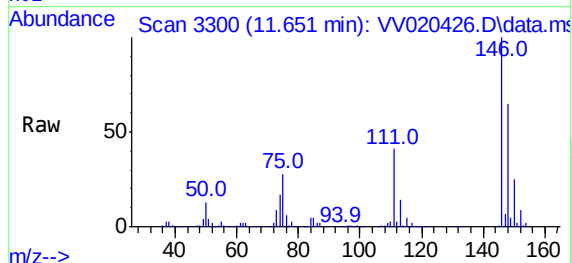
Tgt Ion:146 Resp: 483827
Ion Ratio Lower Upper
146 100
111 36.9 26.1 48.5
148 63.7 44.6 82.8





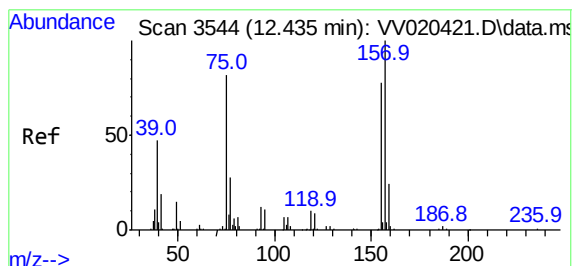
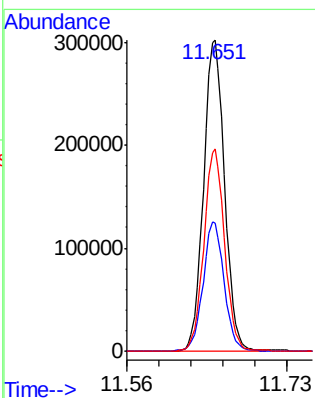
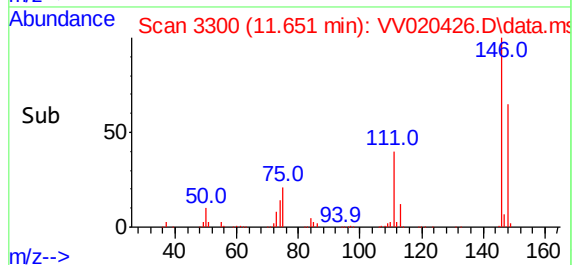
#67
 1,2-Dichlorobenzene
 Concen: 52.10 ug/L
 RT: 11.651 min Scan# 3300
 Delta R.T. 0.000 min
 Lab File: VV020426.D
 Acq: 01 Mar 2021 16:27

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050171

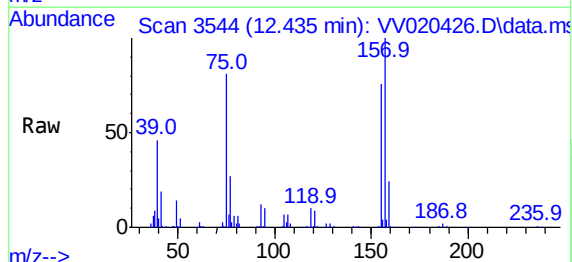


Tgt Ion:146 Resp: 471858

Ion	Ratio	Lower	Upper
146	100		
111	41.2	32.4	48.6
148	64.8	51.0	76.4

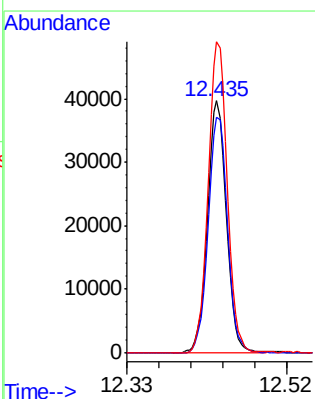
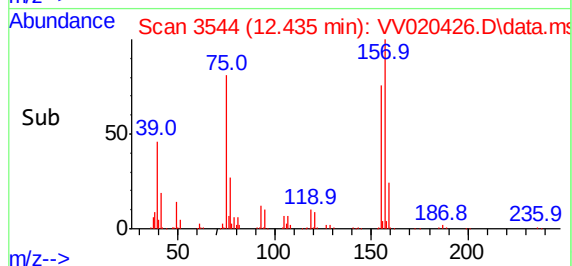


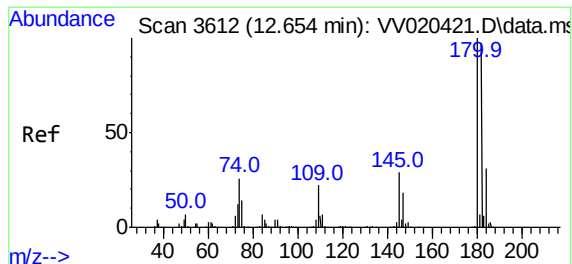
#68
 1,2-Dibromo-3-chloropropane
 Concen: 52.93 ug/L
 RT: 12.435 min Scan# 3544
 Delta R.T. 0.000 min
 Lab File: VV020426.D
 Acq: 01 Mar 2021 16:27



Tgt Ion: 75 Resp: 60759

Ion	Ratio	Lower	Upper
75	100		
155	93.8	74.1	111.1
157	123.5	95.8	143.8

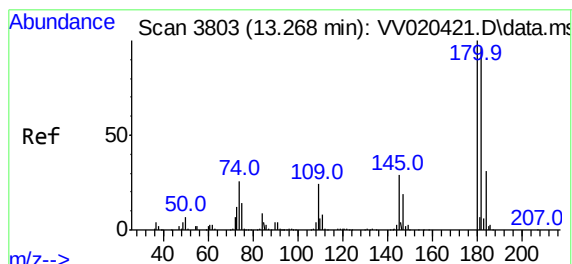
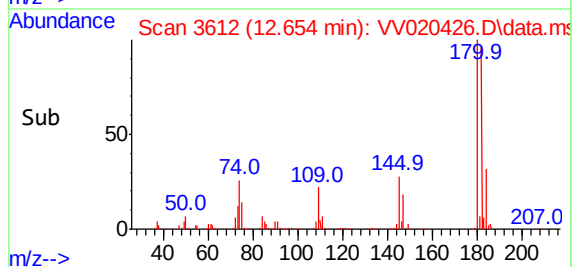
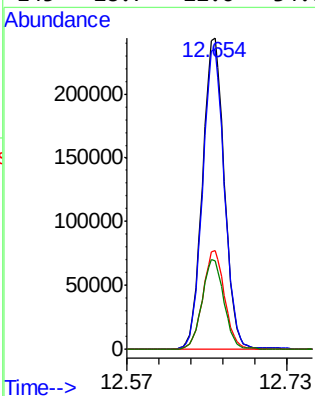
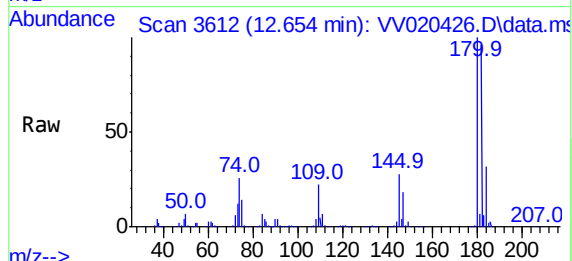




#69
1,3,5-Trichlorobenzene
Concen: 52.20 ug/L
RT: 12.654 min Scan# 3612
Delta R.T. 0.000 min
Lab File: VV020426.D
Acq: 01 Mar 2021 16:27

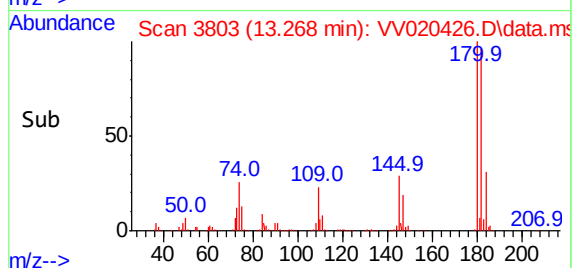
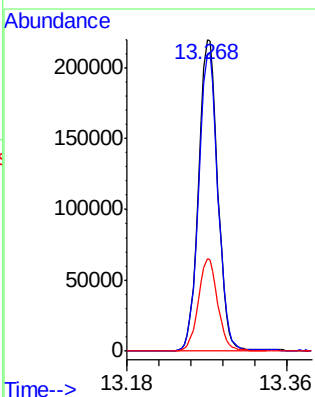
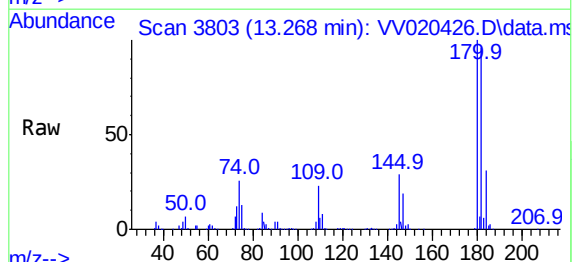
Instrument :
MSVOA_V
ClientSampleId :
VSTD050171

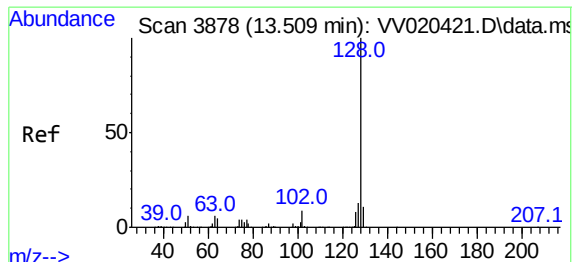
Tgt Ion:180 Resp: 368940
Ion Ratio Lower Upper
180 100
182 96.7 76.1 114.1
184 31.2 24.1 36.1
145 28.7 22.6 34.0



#70
1,2,4-trichlorobenzene
Concen: 54.06 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. 0.000 min
Lab File: VV020426.D
Acq: 01 Mar 2021 16:27

Tgt Ion:180 Resp: 331743
Ion Ratio Lower Upper
180 100
182 96.5 77.1 115.7
145 29.5 23.4 35.2

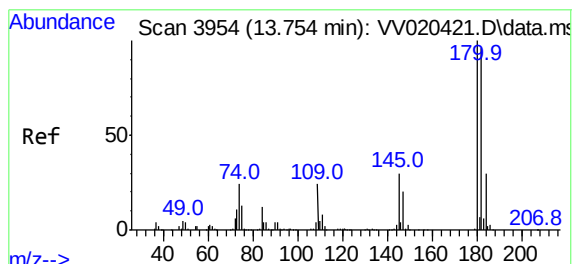
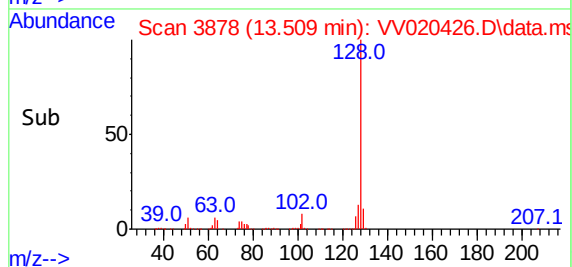
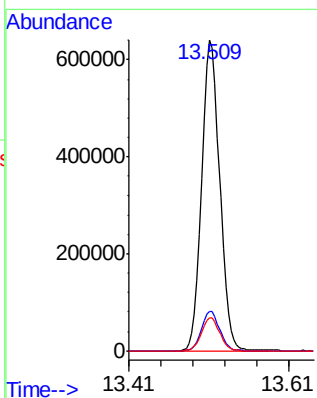
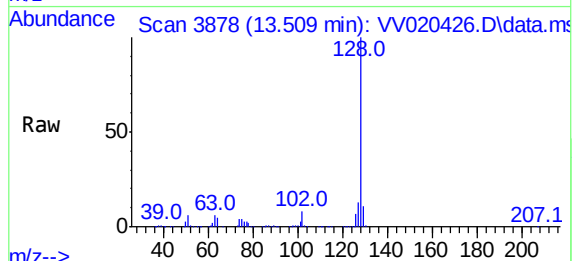




#71
Naphthalene
Concen: 57.33 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VV020426.D
Acq: 01 Mar 2021 16:27

Instrument :
MSVOA_V
ClientSampleId :
VSTD050171

Tgt Ion:128 Resp: 972262
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.7 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 55.17 ug/L
RT: 13.754 min Scan# 3954
Delta R.T. 0.000 min
Lab File: VV020426.D
Acq: 01 Mar 2021 16:27

Tgt Ion:180 Resp: 340316
Ion Ratio Lower Upper
180 100
182 96.0 76.6 114.8
145 31.1 24.5 36.7

