

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022721\
 Data File : VW020419.D
 Acq On : 26 Feb 2021 16:36
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00542

Quant Time: Feb 27 01:15:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVTR022221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Feb 27 01:11:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	290290	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	280537	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.255	152	156917	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	109704	5.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.20%
7) Chloroethane-d5	1.568	69	82078	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.20%
11) 1,1-Dichloroethene-d2	2.108	63	196369	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.60%
20) 2-Butanone-d5	3.899	46	168930	47.71	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.42%
24) Chloroform-d	4.349	84	184313	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
26) 1,2-Dichloroethane-d4	5.034	65	86795	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	5.050	84	367595	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.60%
36) 1,2-Dichloropropane-d6	6.072	67	103161	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.317	98	360370	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
45) trans-1,3-Dichloroprop...	7.625	79	40052	5.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.80%
48) 2-Hexanone-d5	8.092	63	135838	48.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.46%
59) 1,1,2,2-Tetrachloroeth...	10.223	84	71144	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.20%
65) 1,2-Dichlorobenzene-d4	11.632	152	141370	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	182091	5.04	ug/L	100
3) Chloromethane	1.240	50	146990	4.60	ug/L	96
5) Vinyl chloride	1.310	62	160246	4.71	ug/L	100
6) Bromomethane	1.523	94	100189	4.55	ug/L	99
8) Chloroethane	1.584	64	93691	4.56	ug/L	97
9) Trichlorofluoromethane	1.754	101	240994	5.05	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	133255	5.24	ug/L	95
12) 1,1-Dichloroethene	2.118	96	120961	4.90	ug/L	82
13) Acetone	2.191	43	138052	43.01	ug/L #	29
14) Carbon disulfide	2.294	76	339981	4.46	ug/L	98
15) Methyl Acetate	2.439	43	33660	4.33	ug/L #	87
16) Methylene chloride	2.507	84	132998	5.00	ug/L	96
17) Methyl tert-butyl Ether	2.767	73	230446	4.52	ug/L #	95
18) trans-1,2-Dichloroethene	2.761	96	123621	4.78	ug/L	96
19) 1,1-Dichloroethane	3.188	63	214369	4.70	ug/L	97
21) 2-Butanone	3.979	43	221831	45.31	ug/L	95
22) cis-1,2-Dichloroethene	3.912	96	131022	4.87	ug/L	93
23) Bromochloromethane	4.249	128	58359	4.97	ug/L	92
25) Chloroform	4.375	83	234969	4.87	ug/L	95
27) 1,2-Dichloroethane	5.130	62	127741	4.62	ug/L	97

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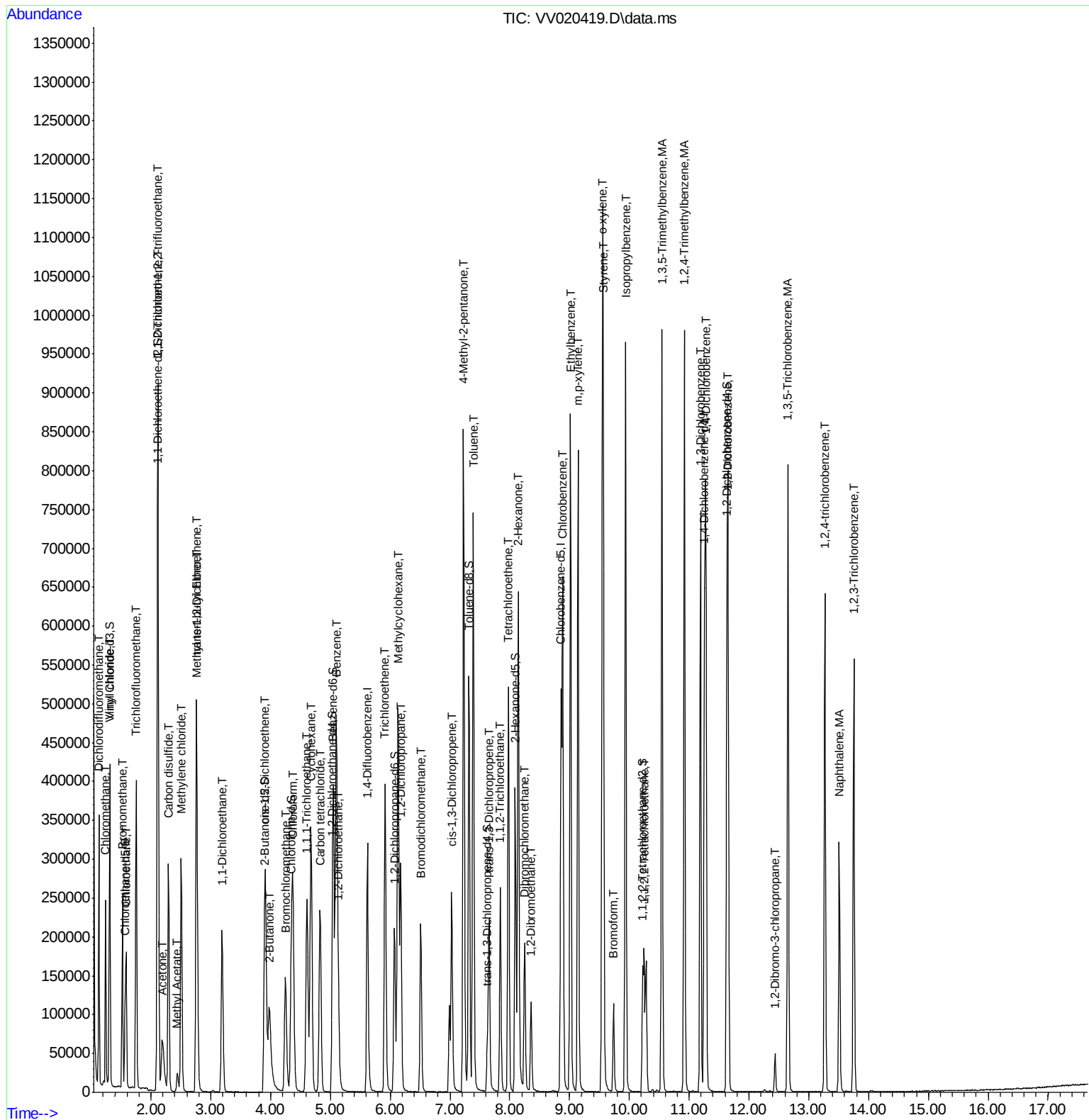
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	4.609	97	205350	4.90	ug/L	97
30) Cyclohexane	4.677	56	185107	4.93	ug/L	97
31) Carbon tetrachloride	4.828	117	183631	5.13	ug/L	99
33) Benzene	5.101	78	492077	4.84	ug/L	100
34) Trichloroethene	5.915	95	138194	4.84	ug/L	97
35) Methylcyclohexane	6.133	83	210220	5.09	ug/L	96
37) 1,2-Dichloropropane	6.175	63	118614	4.90	ug/L	99
38) Bromodichloromethane	6.510	83	149451	4.74	ug/L	99
39) cis-1,3-Dichloropropene	7.031	75	158192	4.65	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	544296	45.29	ug/L	94
42) Toluene	7.391	91	554757	5.03	ug/L	99
43) 1,3,5-Trimethylbenzene	10.545	105	511344	5.25	ug/L	100
44) 1,2,4-Trimethylbenzene	10.921	105	526416	5.30	ug/L	98
46) trans-1,3-Dichloropropene	7.654	75	132449	4.77	ug/L	99
47) 1,1,2-Trichloroethane	7.841	97	83604	4.77	ug/L	93
49) Tetrachloroethene	7.979	164	121341	5.14	ug/L	98
50) 2-Hexanone	8.143	43	384725	45.67	ug/L	91
51) Dibromochloromethane	8.249	129	100288	4.93	ug/L	96
52) 1,2-Dibromoethane	8.355	107	78185	4.93	ug/L	99
53) Chlorobenzene	8.886	112	359897	4.95	ug/L	98
54) Ethylbenzene	9.018	91	607071	5.03	ug/L	99
55) m,p-xylene	9.143	106	236645	5.21	ug/L	98
56) o-xylene	9.548	106	225466	5.16	ug/L	95
57) Styrene	9.564	104	383928	5.23	ug/L	93
58) Isopropylbenzene	9.937	105	617010	5.20	ug/L	98
60) 1,1,2,2-Tetrachloroethane	10.246	83	82237	4.42	ug/L	97
62) Bromoform	9.735	173	52153	4.73	ug/L	100
63) 1,3-Dichlorobenzene	11.188	146	310369	4.95	ug/L	98
64) 1,4-Dichlorobenzene	11.278	146	310592	4.88	ug/L	99
66) 1,2-Dichlorobenzene	11.651	146	281753	4.95	ug/L	98
67) 1,2-Dibromo-3-chloropr...	12.435	75	11695	4.18	ug/L	91
68) 1,3,5-Trichlorobenzene	12.651	180	259772	5.11	ug/L	98
69) 1,2,4-trichlorobenzene	13.268	180	199837	4.94	ug/L	97
70) Naphthalene	13.509	128	258024	4.58	ug/L	98
71) 1,2,3-Trichlorobenzene	13.754	180	175609	4.99	ug/L	97

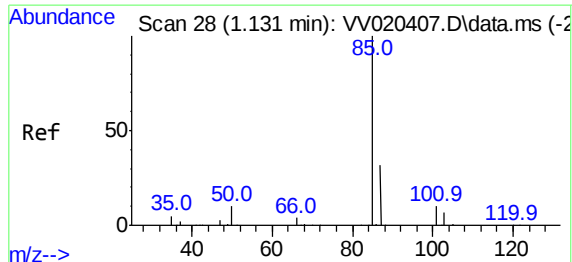
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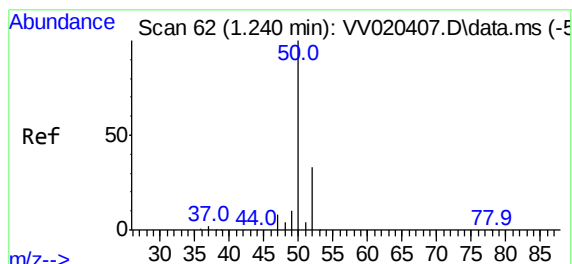
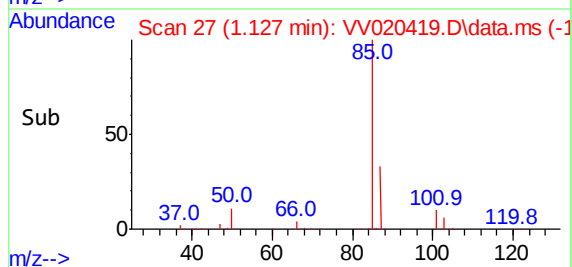
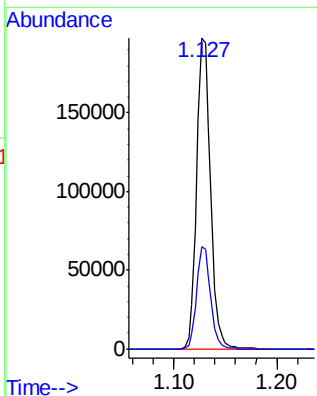
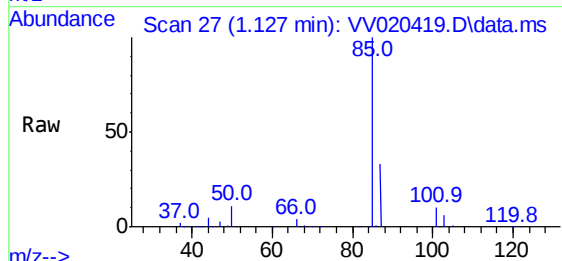


#2

Dichlorodifluoromethane
 Concen: 5.04 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. -0.003 min
 Lab File: VV020419.D
 Acq: 26 Feb 2021 16:36

Instrument :
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 VSTD00542

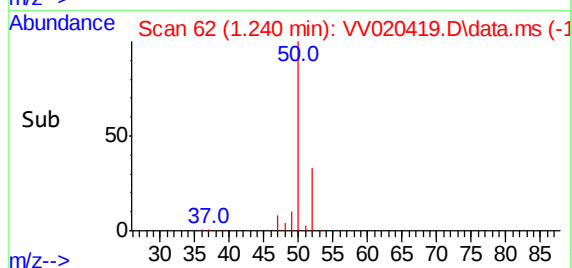
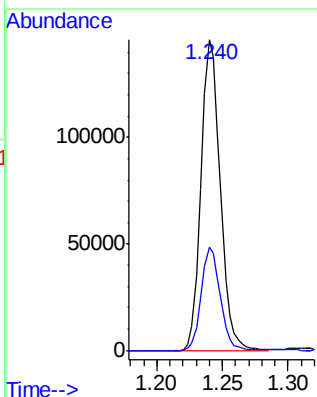
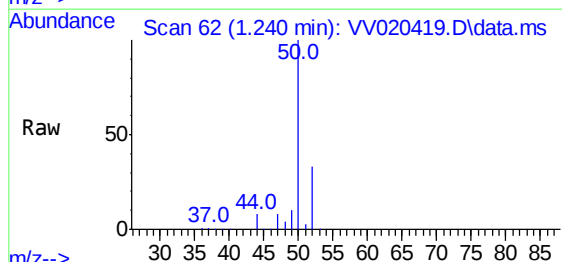
Tgt Ion: 85 Resp: 182091
 Ion Ratio Lower Upper
 85 100
 87 32.8 26.4 39.6

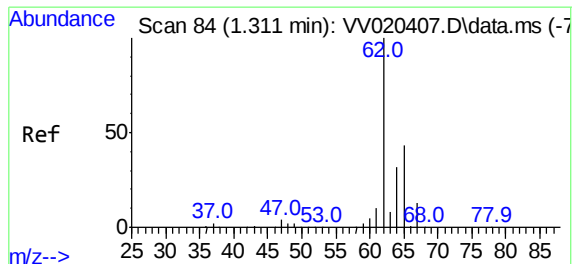


#3

Chloromethane
 Concen: 4.60 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV020419.D
 Acq: 26 Feb 2021 16:36

Tgt Ion: 50 Resp: 146990
 Ion Ratio Lower Upper
 50 100
 52 33.2 25.1 46.5

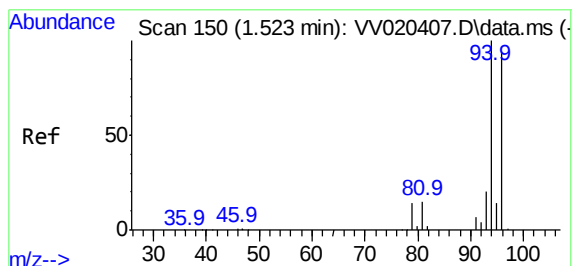
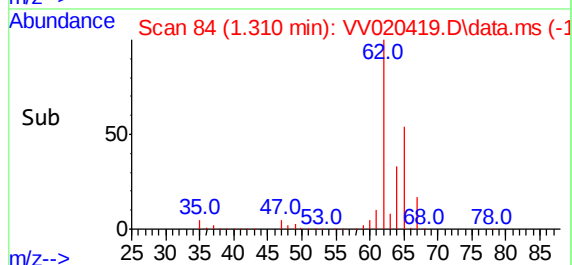
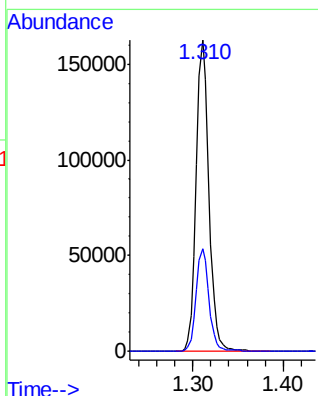
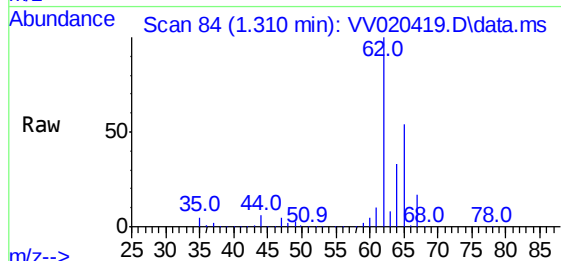




#5
 Vinyl chloride
 Concen: 4.71 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV020419.D
 Acq: 26 Feb 2021 16:36

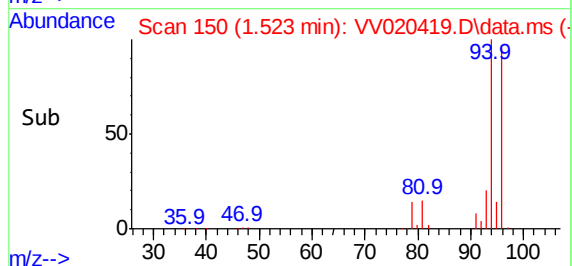
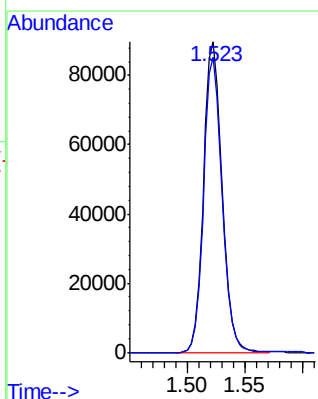
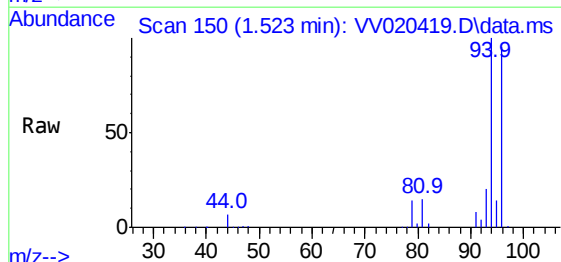
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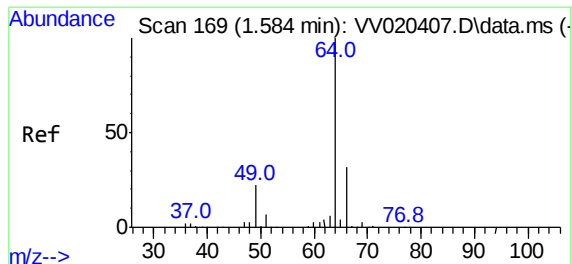
Tgt Ion: 62 Resp: 160246
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.0 42.8



#6
 Bromomethane
 Concen: 4.55 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV020419.D
 Acq: 26 Feb 2021 16:36

Tgt Ion: 94 Resp: 100189
 Ion Ratio Lower Upper
 94 100
 96 94.9 65.9 122.5

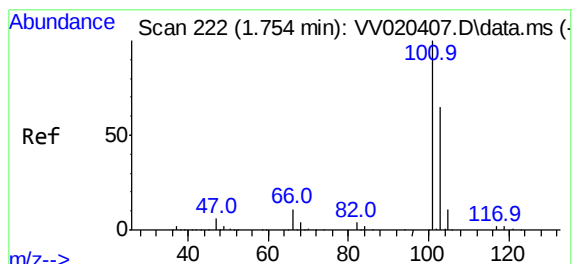
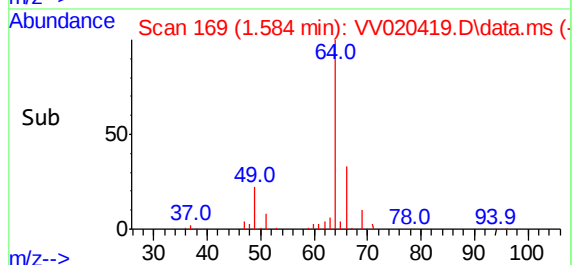
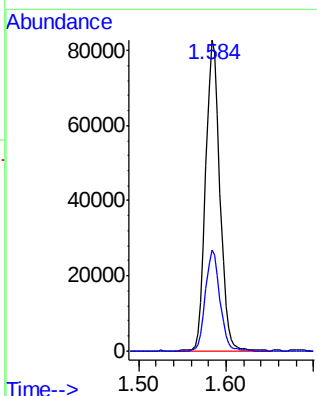
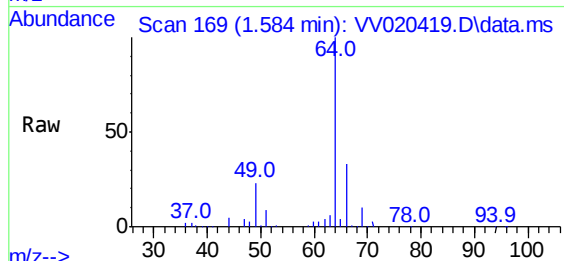




#8
Chloroethane
Concen: 4.56 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.000 min
Lab File: VV020419.D
Acq: 26 Feb 2021 16:36

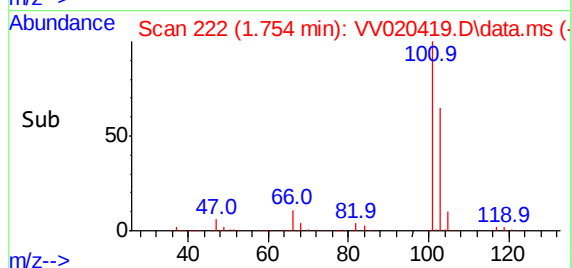
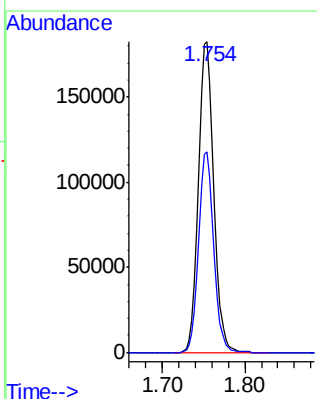
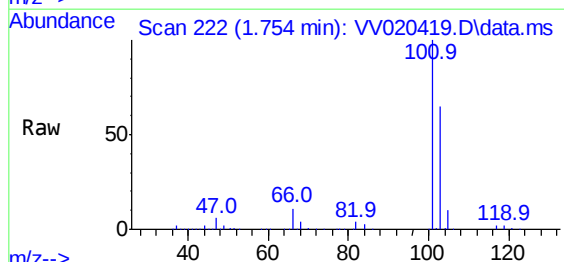
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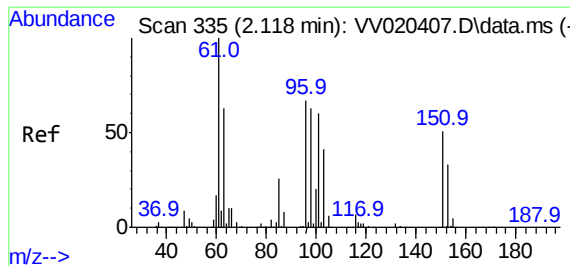
Tgt Ion: 64 Resp: 93691
Ion Ratio Lower Upper
64 100
66 32.5 24.0 44.6



#9
Trichlorofluoromethane
Concen: 5.05 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV020419.D
Acq: 26 Feb 2021 16:36

Tgt Ion:101 Resp: 240994
Ion Ratio Lower Upper
101 100
103 64.0 51.7 77.5

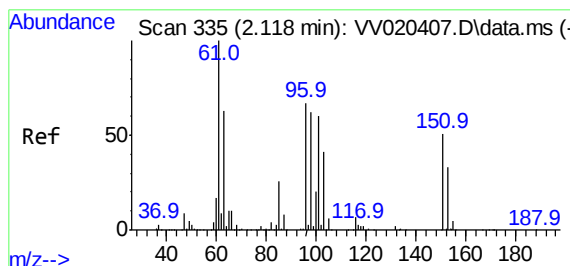
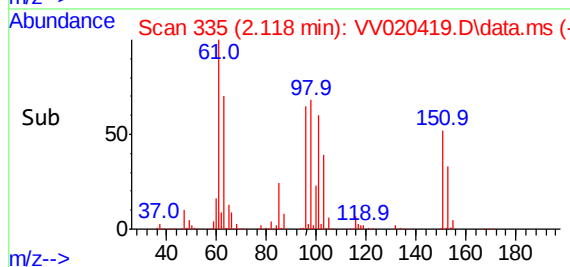
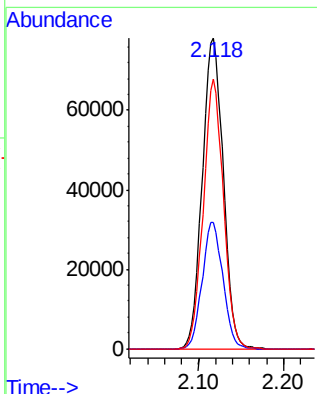
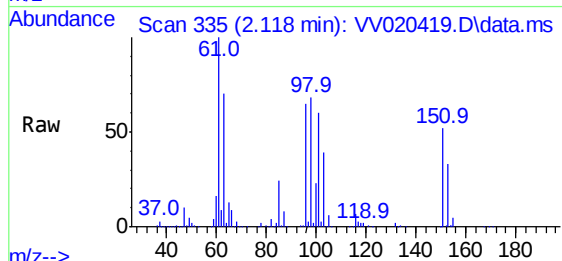




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.24 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV020419.D
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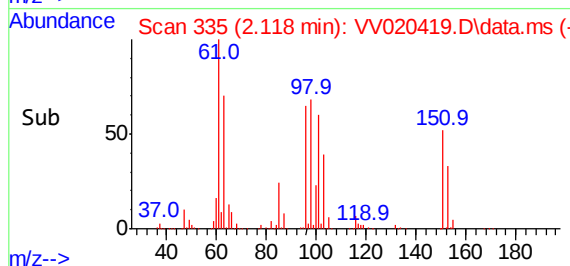
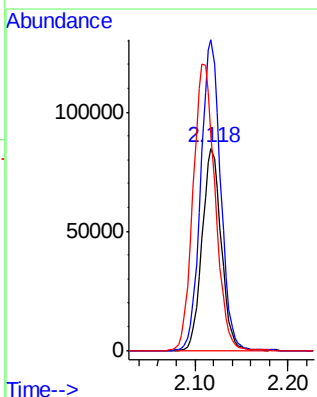
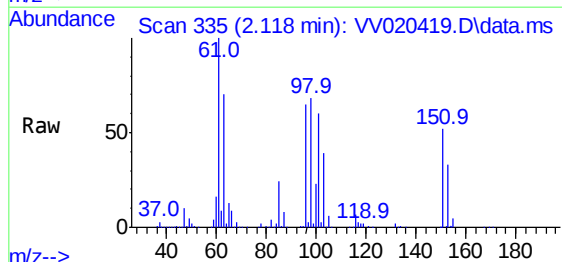
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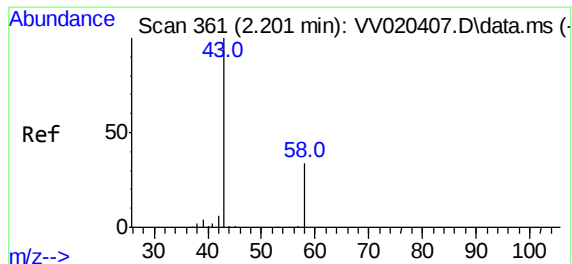
Tgt Ion:101 Resp: 133255
 Ion Ratio Lower Upper
 101 100
 85 40.3 34.6 51.8
 151 83.5 63.5 95.3



#12
 1,1-Dichloroethene
 Concen: 4.90 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV020419.D
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Tgt Ion: 96 Resp: 120961
 Ion Ratio Lower Upper
 96 100
 61 153.5 123.1 228.7
 63 106.8 91.2 169.4

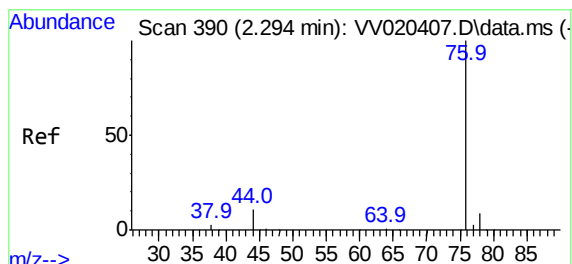
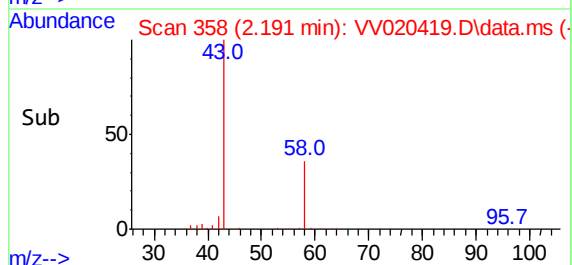
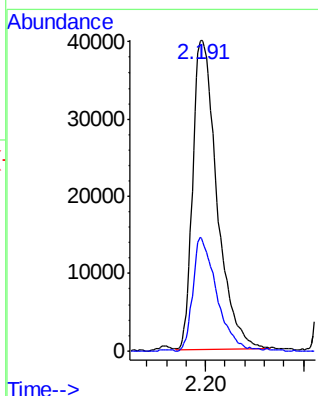
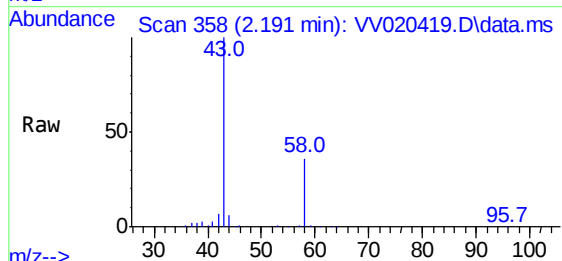




#13
Acetone
Concen: 43.01 ug/L
RT: 2.191 min Scan# 358
Delta R.T. -0.010 min
Lab File: VV020419.D
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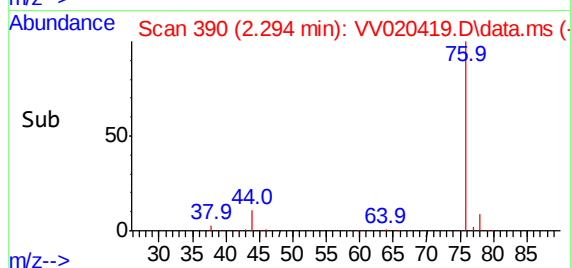
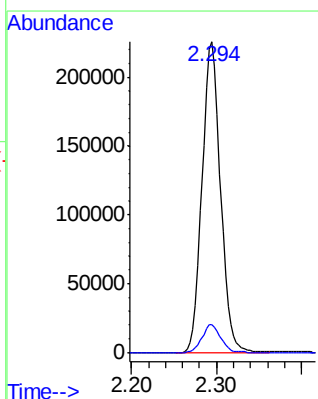
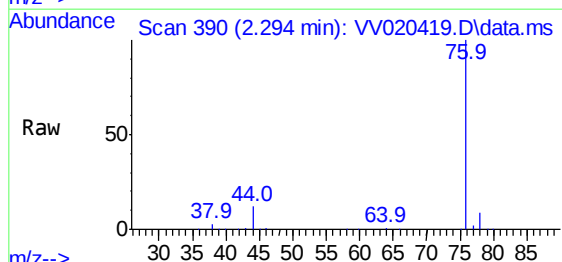
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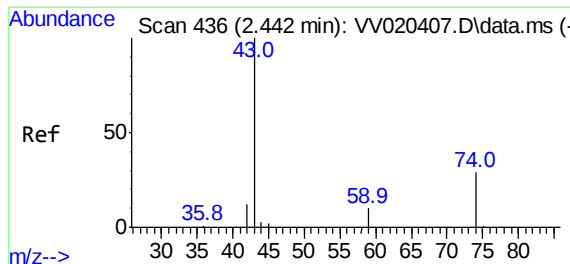
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Ion Ratio Lower Upper
43 100
58 35.3 0.0 18.6#



#14
Carbon disulfide
Concen: 4.46 ug/L
RT: 2.294 min Scan# 390
Delta R.T. -0.000 min
Lab File: VV020419.D
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Tgt Ion: 76 Resp: 339981
Ion Ratio Lower Upper
76 100
78 9.1 6.6 10.0

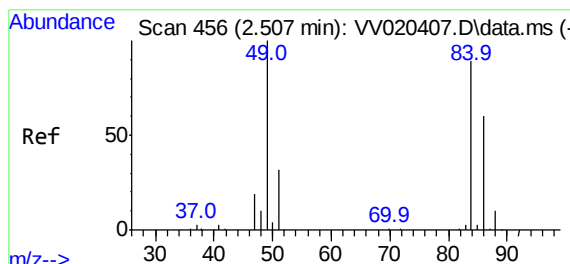
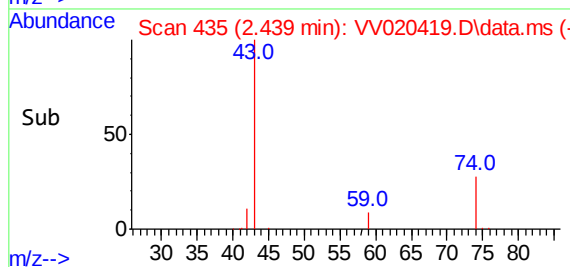
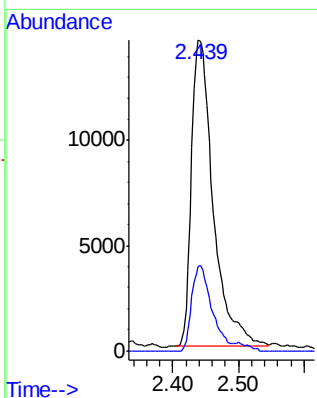
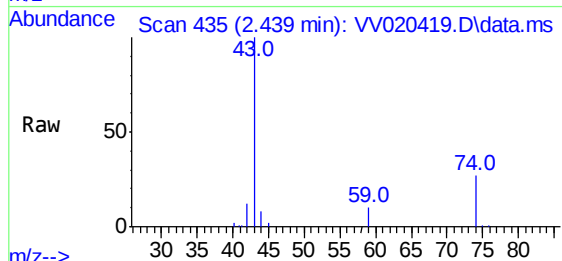




#15
Methyl Acetate
Concen: 4.33 ug/L
RT: 2.439 min Scan# 435
Delta R.T. -0.003 min
Lab File: VV020419.D
Acq: 26 Feb 2021 16:36

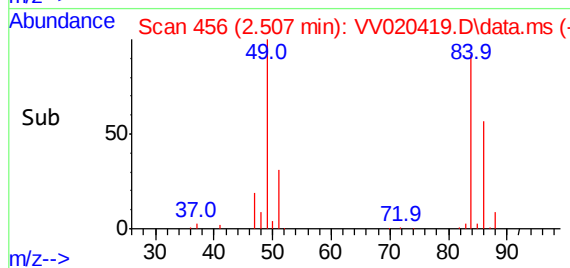
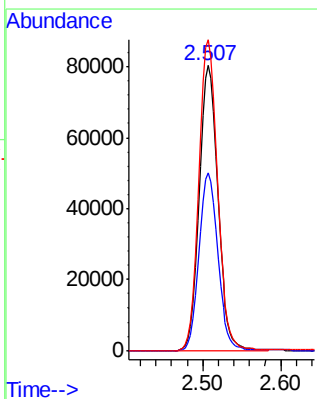
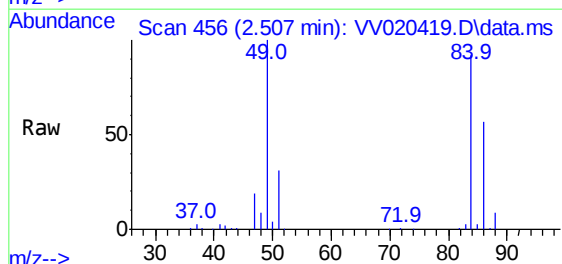
Instrument :
MSVOA_V
ClientSampleId :
VSTD00542

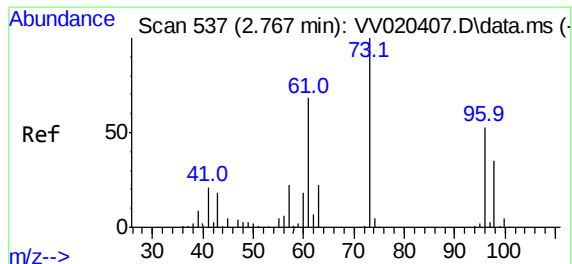
Tgt Ion: 43 Resp: 33660
Ion Ratio Lower Upper
43 100
74 25.7 26.6 40.0#



#16
Methylene chloride
Concen: 5.00 ug/L
RT: 2.507 min Scan# 456
Delta R.T. -0.000 min
Lab File: VV020419.D
Acq: 26 Feb 2021 16:36

Tgt Ion: 84 Resp: 132998
Ion Ratio Lower Upper
84 100
86 62.5 46.5 86.3
49 109.1 79.2 147.2

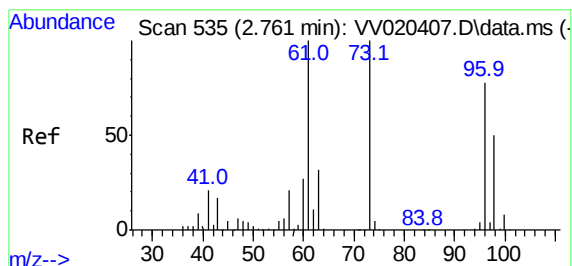
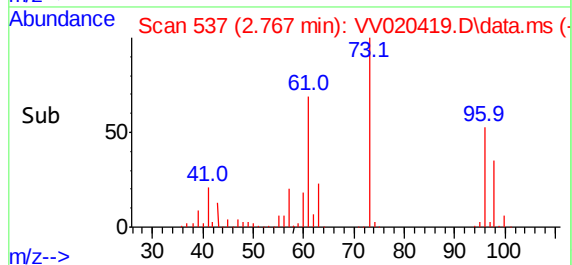
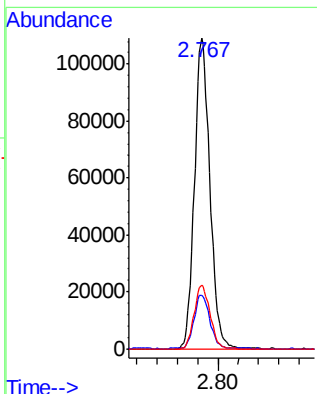
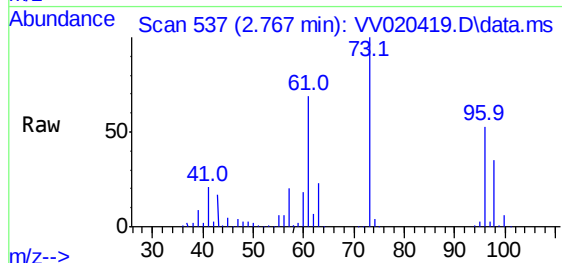




#17
Methyl tert-butyl Ether
Concen: 4.52 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.000 min
Lab File: VV020419.D
Acq: 26 Feb 2021 16:36

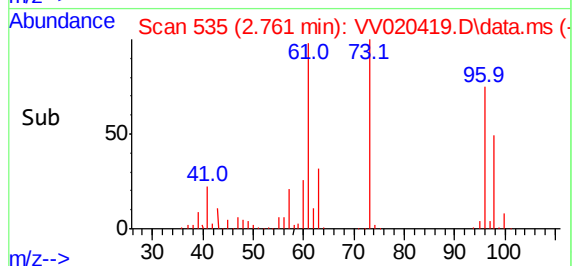
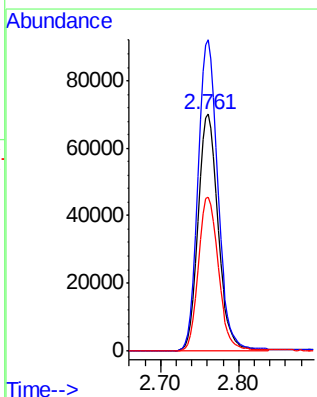
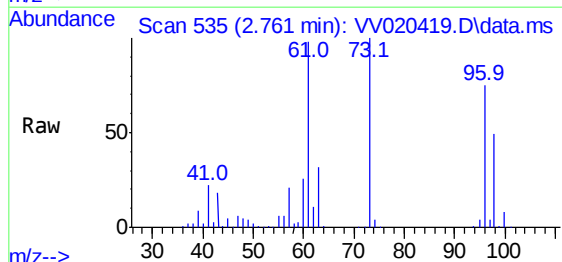
Instrument :
MSVOA_V
ClientSampleId :
VSTD00542

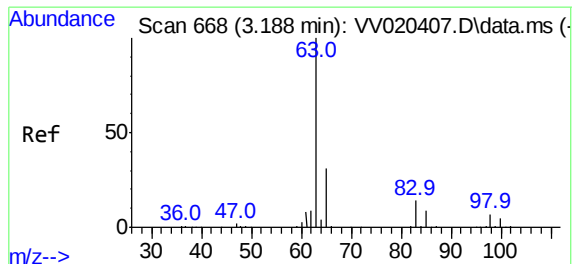
Tgt Ion: 73 Resp: 230446
Ion Ratio Lower Upper
73 100
43 18.1 18.3 27.5#
57 21.1 16.7 25.1



#18
trans-1,2-Dichloroethene
Concen: 4.78 ug/L
RT: 2.761 min Scan# 535
Delta R.T. -0.000 min
Lab File: VV020419.D
Acq: 26 Feb 2021 16:36

Tgt Ion: 96 Resp: 123621
Ion Ratio Lower Upper
96 100
61 131.4 96.0 178.4
98 65.0 43.5 80.9

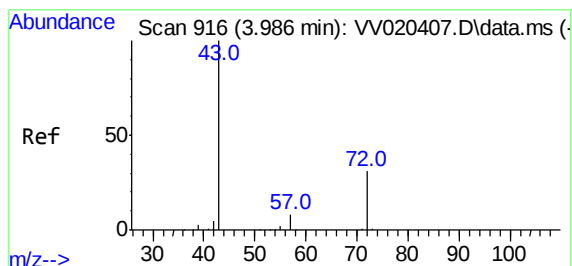
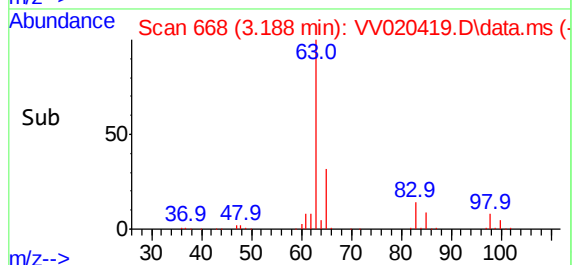
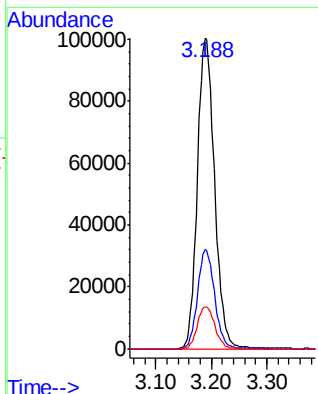
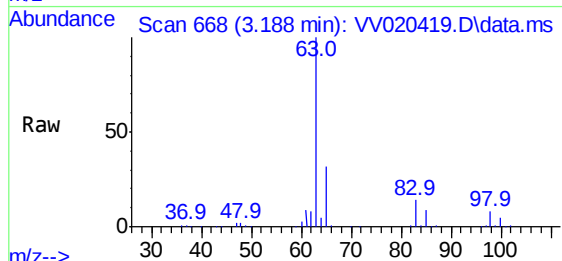




#19
1,1-Dichloroethane
Concen: 4.70 ug/L
RT: 3.188 min Scan# 668
Delta R.T. -0.000 min
Lab File: VV020419.D
Acq: 26 Feb 2021 16:36

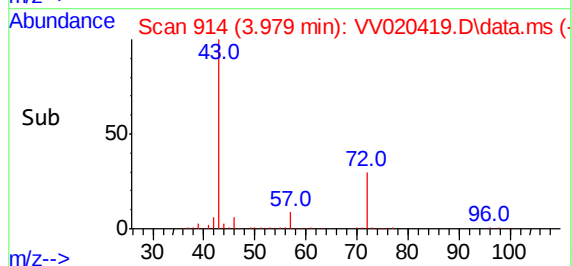
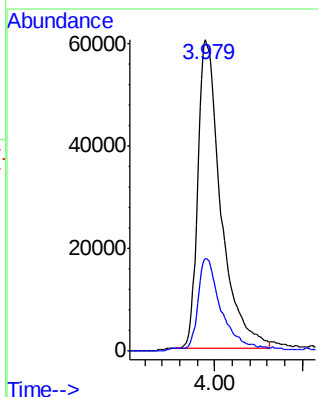
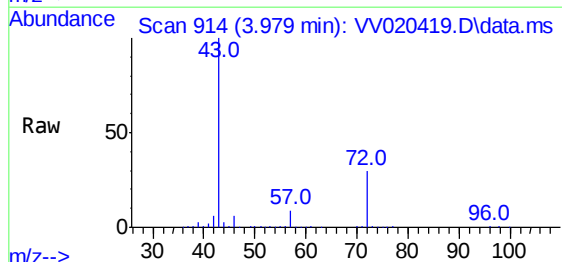
Instrument :
MSVOA_V
ClientSampleId :
VSTD00542

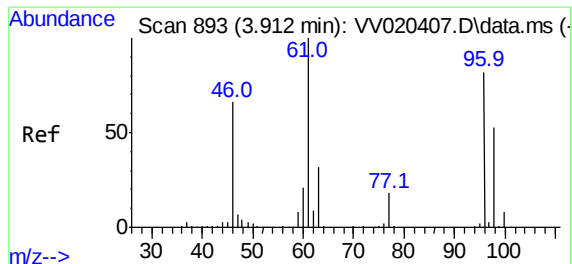
Tgt Ion: 63 Resp: 214369
Ion Ratio Lower Upper
63 100
65 32.1 21.4 39.8
83 13.7 10.4 19.4



#21
2-Butanone
Concen: 45.31 ug/L
RT: 3.979 min Scan# 914
Delta R.T. -0.007 min
Lab File: VV020419.D
Acq: 26 Feb 2021 16:36

Tgt Ion: 43 Resp: 221831
Ion Ratio Lower Upper
43 100
72 28.2 13.0 38.9

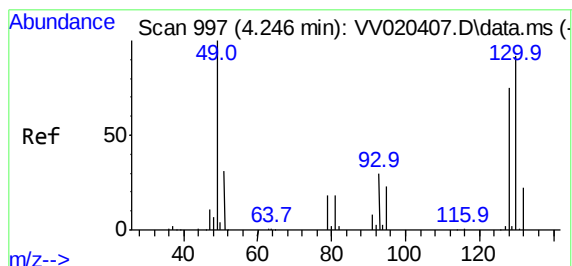
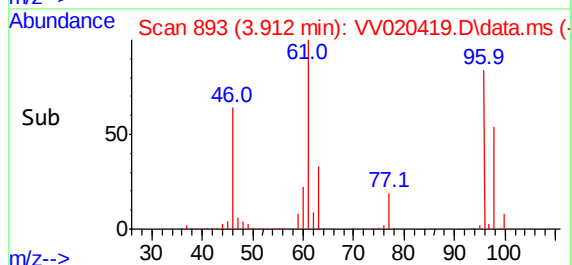
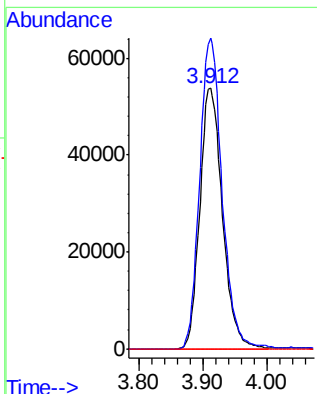
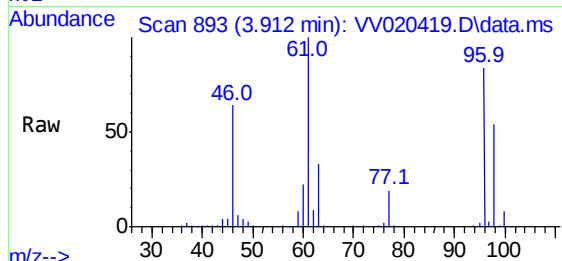




#22
 cis-1,2-Dichloroethene
 Concen: 4.87 ug/L
 RT: 3.912 min Scan# 893
 Delta R.T. -0.000 min
 Lab File: VV020419.D
 Acq: 26 Feb 2021 16:36

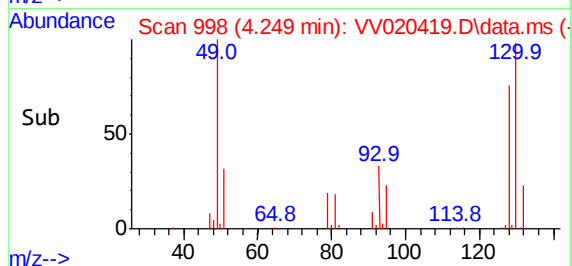
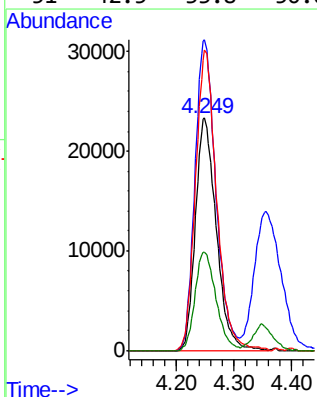
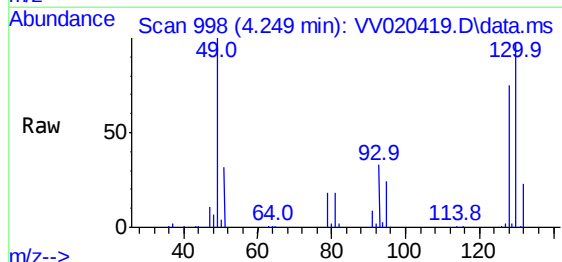
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00542

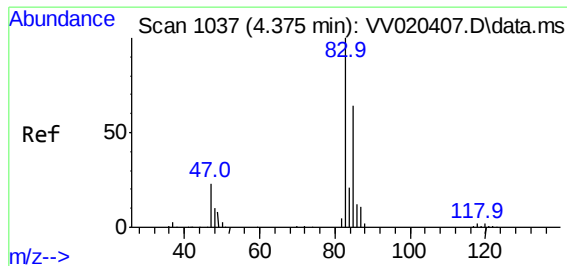
Tgt Ion: 96 Resp: 131022
 Ion Ratio Lower Upper
 96 100
 61 119.4 89.6 166.4
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 4.97 ug/L
 RT: 4.249 min Scan# 998
 Delta R.T. 0.003 min
 Lab File: VV020419.D
 Acq: 26 Feb 2021 16:36

Tgt Ion:128 Resp: 58359
 Ion Ratio Lower Upper
 128 100
 49 133.9 92.2 171.2
 130 129.4 77.2 143.4
 51 42.5 33.8 50.6

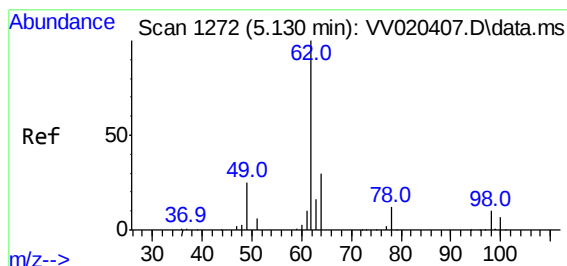
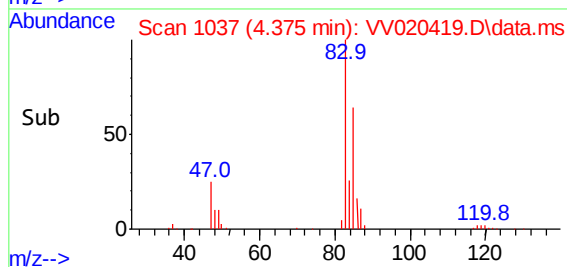
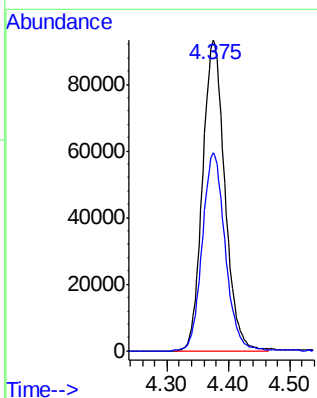
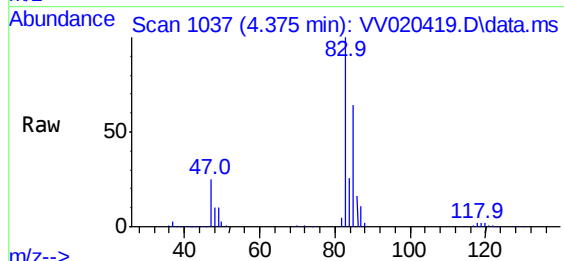




#25
Chloroform
Concen: 4.87 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VV020419.D
Acq: 26 Feb 2021 16:36

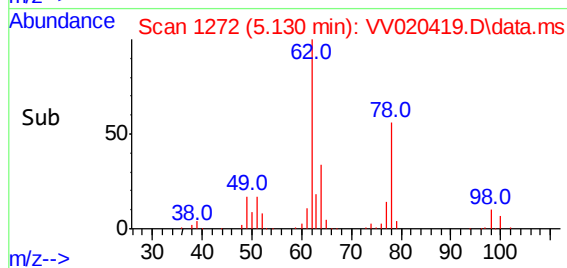
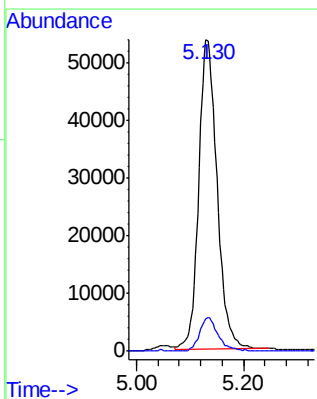
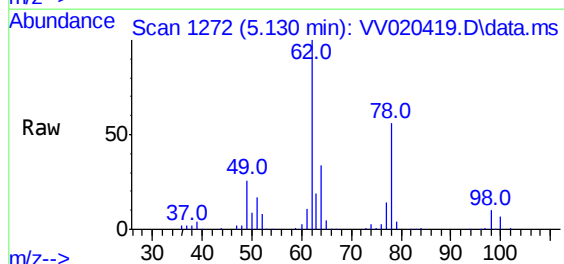
Instrument :
MSVOA_V
ClientSampleId :
VSTD00542

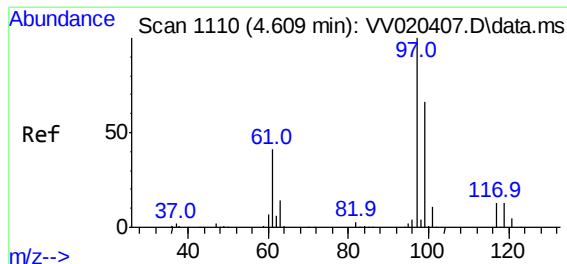
Tgt Ion: 83 Resp: 234969
Ion Ratio Lower Upper
83 100
85 63.6 47.3 87.9



#27
1,2-Dichloroethane
Concen: 4.62 ug/L
RT: 5.130 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VV020419.D
Acq: 26 Feb 2021 16:36

Tgt Ion: 62 Resp: 127741
Ion Ratio Lower Upper
62 100
98 10.1 7.0 10.6

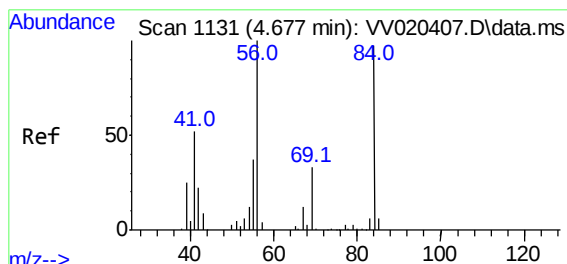
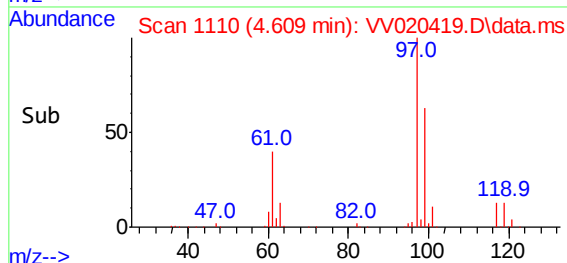
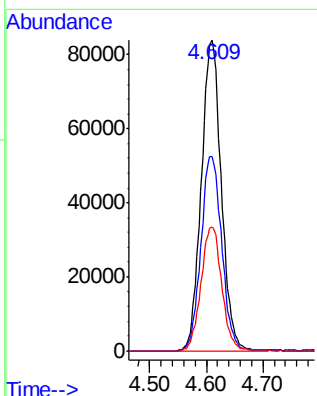
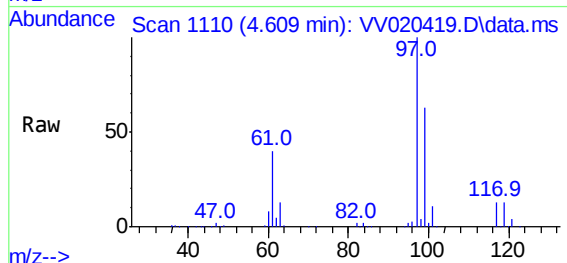




#29
1,1,1-Trichloroethane
Concen: 4.90 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VV020419.D
Acq: 26 Feb 2021 16:36

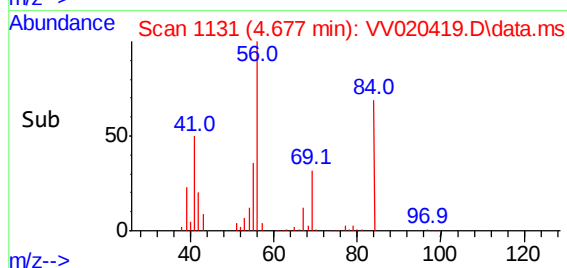
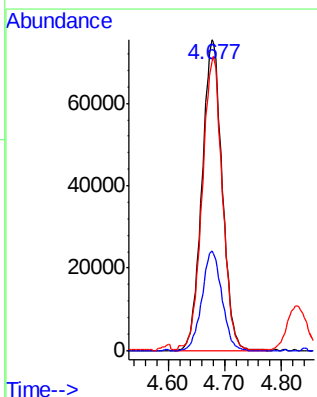
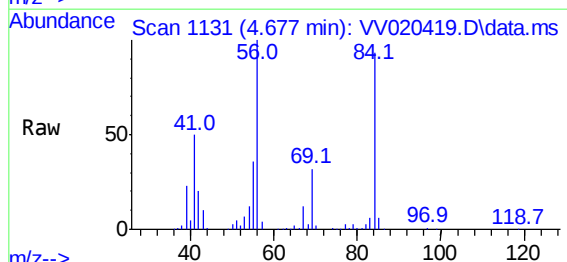
Instrument :
MSVOA_V
ClientSampleId :
VSTD00542

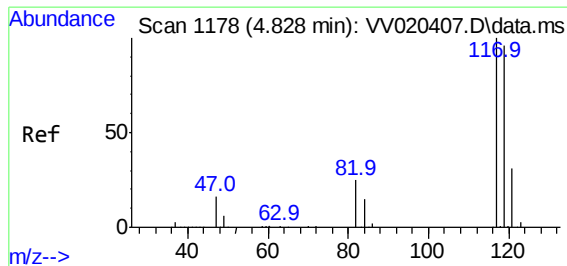
Tgt Ion: 97 Resp: 205350
Ion Ratio Lower Upper
97 100
99 64.9 50.6 76.0
61 41.5 35.7 53.5



#30
Cyclohexane
Concen: 4.93 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VV020419.D
Acq: 26 Feb 2021 16:36

Tgt Ion: 56 Resp: 185107
Ion Ratio Lower Upper
56 100
69 31.6 25.4 38.2
84 94.5 73.0 109.4

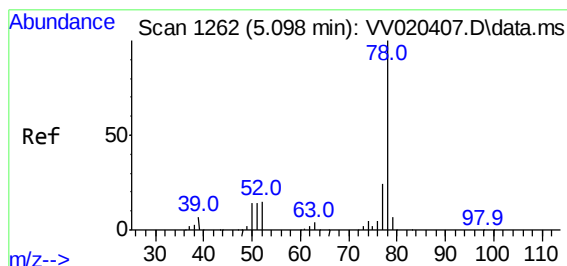
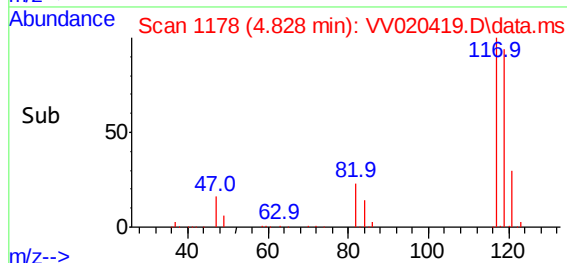
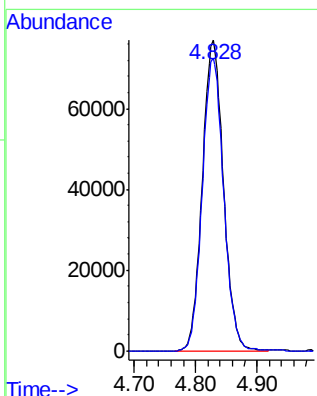
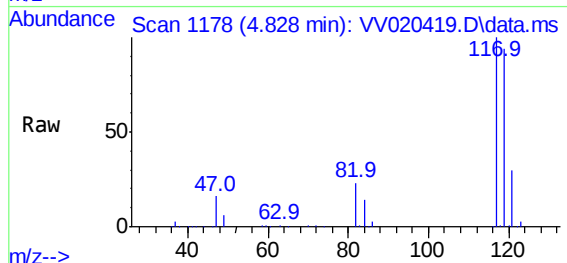




#31
Carbon tetrachloride
Concen: 5.13 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VV020419.D
Acq: 26 Feb 2021 16:36

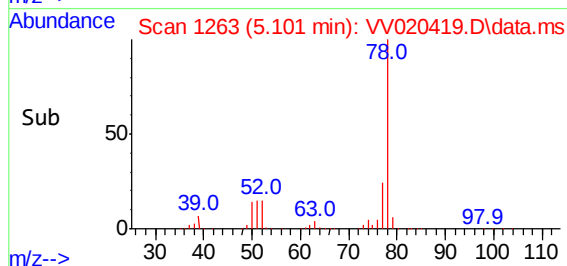
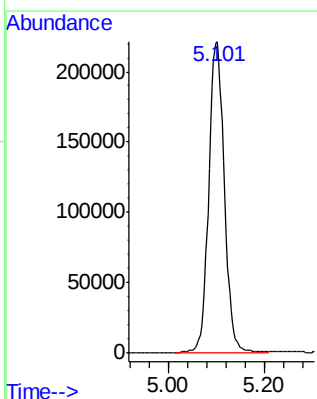
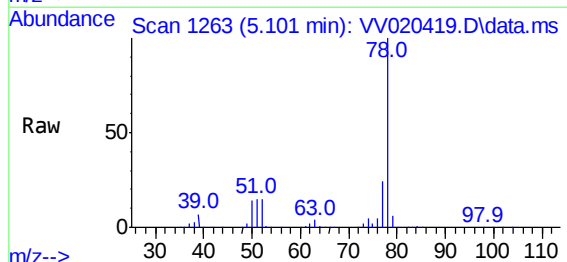
Instrument :
MSVOA_V
ClientSampleId :
VSTD00542

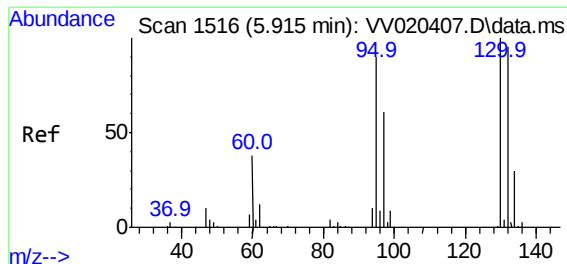
Tgt Ion:117 Resp: 183631
Ion Ratio Lower Upper
117 100
119 95.5 76.9 115.3



#33
Benzene
Concen: 4.84 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV020419.D
Acq: 26 Feb 2021 16:36

Tgt Ion: 78 Resp: 492077

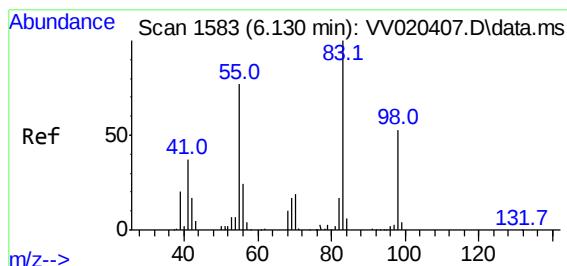
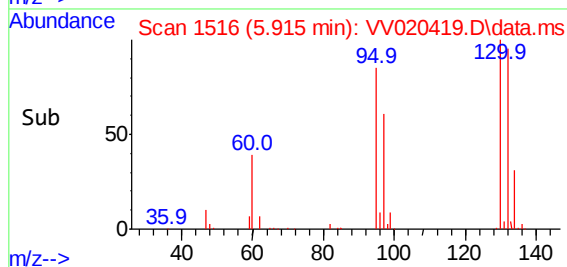
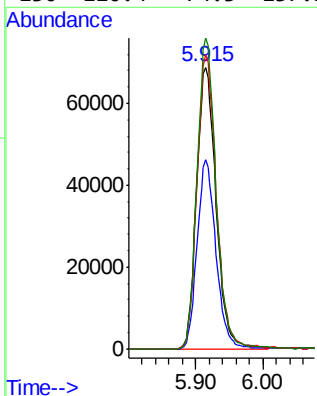
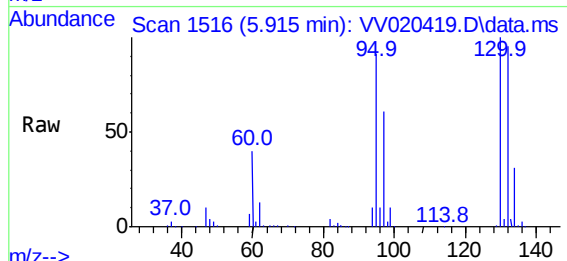




#34
Trichloroethene
Concen: 4.84 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VV020419.D
Acq: 26 Feb 2021 16:36

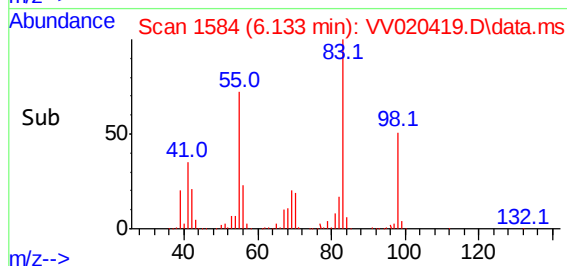
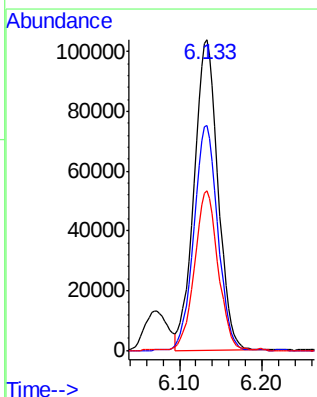
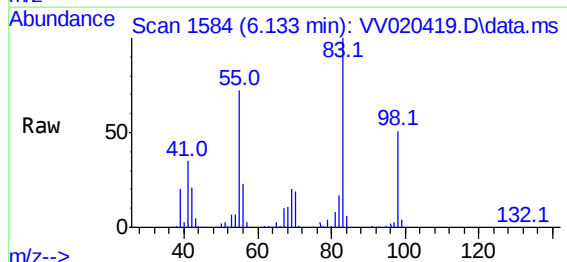
Instrument :
MSVOA_V
ClientSampleId :
VSTD00542

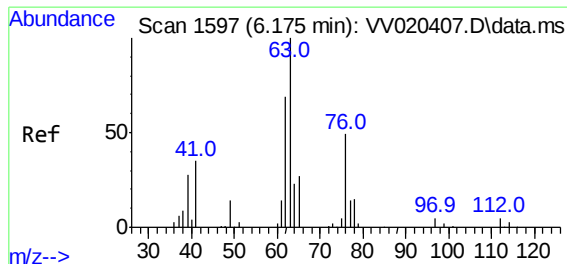
Tgt Ion: 95 Resp: 138194
Ion Ratio Lower Upper
95 100
97 67.0 46.1 85.5
132 104.4 71.7 133.1
130 110.4 74.3 137.9



#35
Methylcyclohexane
Concen: 5.09 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.003 min
Lab File: VV020419.D
Acq: 26 Feb 2021 16:36

Tgt Ion: 83 Resp: 210220
Ion Ratio Lower Upper
83 100
55 72.8 61.8 92.8
98 50.3 39.0 58.6

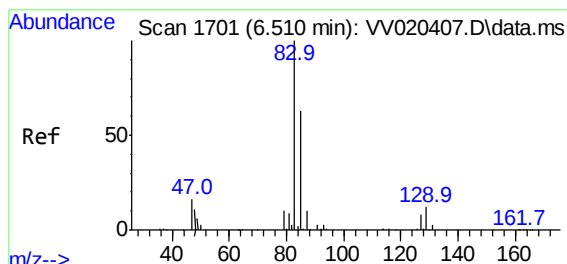
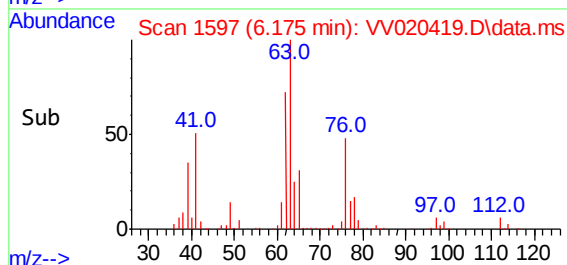
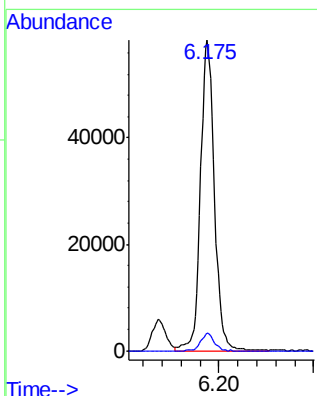
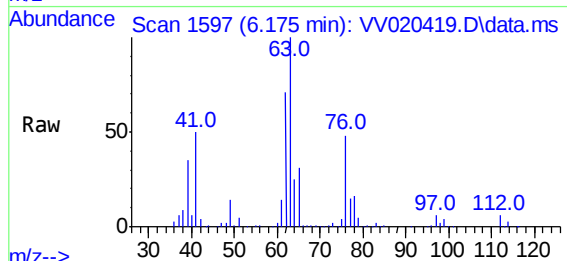




#37
1,2-Dichloropropane
Concen: 4.90 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VV020419.D
Acq: 26 Feb 2021 16:36

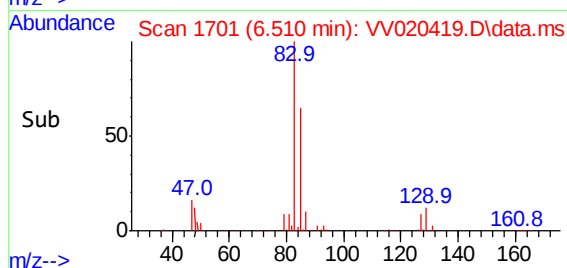
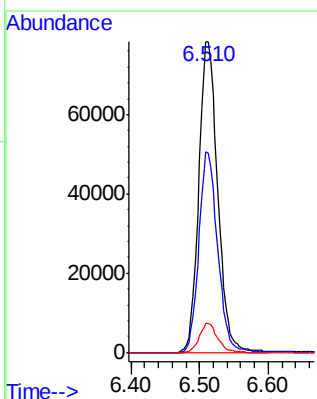
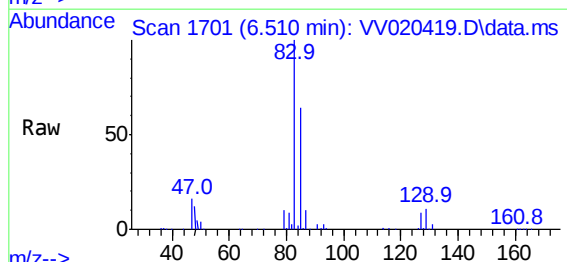
Instrument :
MSVOA_V
ClientSampleId :
VSTD00542

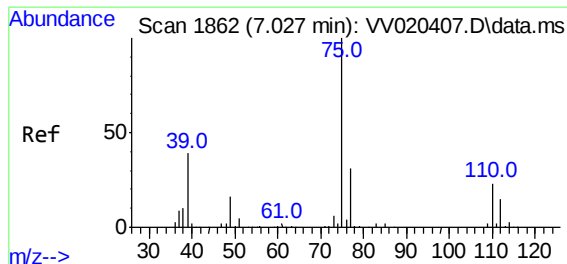
Tgt Ion: 63 Resp: 118614
Ion Ratio Lower Upper
63 100
112 5.2 4.5 6.7



#38
Bromodichloromethane
Concen: 4.74 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VV020419.D
Acq: 26 Feb 2021 16:36

Tgt Ion: 83 Resp: 149451
Ion Ratio Lower Upper
83 100
85 64.4 44.7 83.1
127 9.2 7.4 11.0

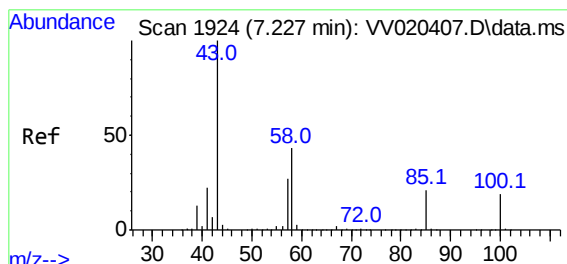
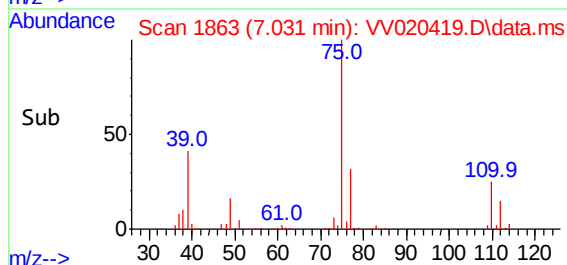
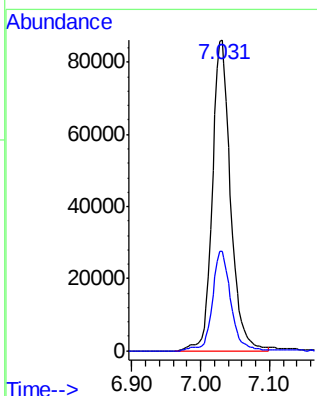
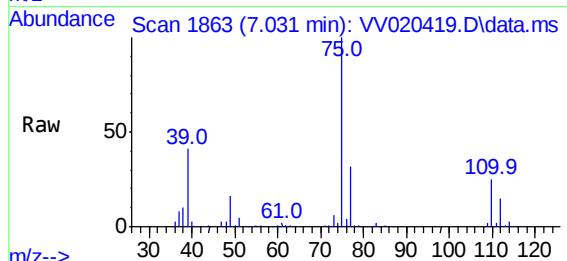




#39
cis-1,3-Dichloropropene
Concen: 4.65 ug/L
RT: 7.031 min Scan# 1863
Delta R.T. 0.003 min
Lab File: VV020419.D
Acq: 26 Feb 2021 16:36

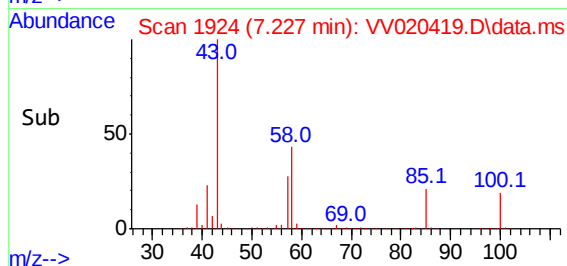
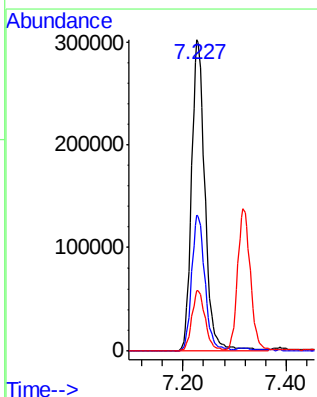
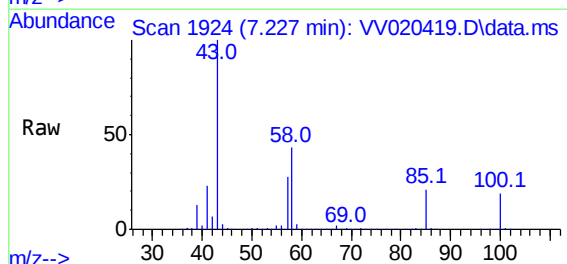
Instrument :
MSVOA_V
ClientSampleId :
VSTD00542

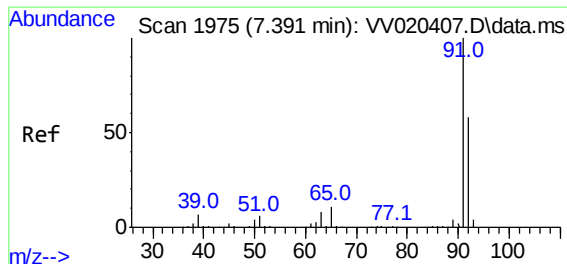
Tgt Ion: 75 Resp: 158192
Ion Ratio Lower Upper
75 100
77 32.2 23.2 43.2



#40
4-Methyl-2-pentanone
Concen: 45.29 ug/L
RT: 7.227 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VV020419.D
Acq: 26 Feb 2021 16:36

Tgt Ion: 43 Resp: 544296
Ion Ratio Lower Upper
43 100
58 42.9 31.2 46.8
100 19.0 13.6 20.4

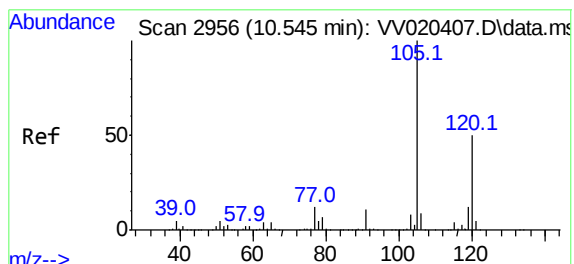
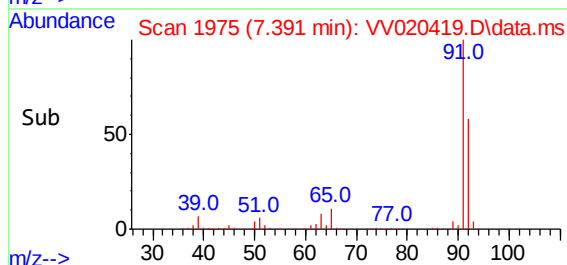
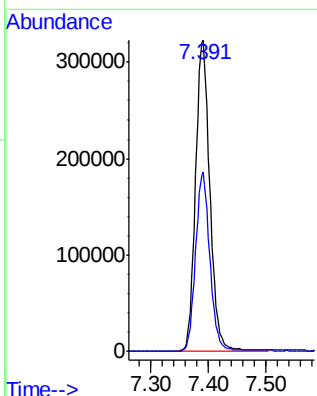
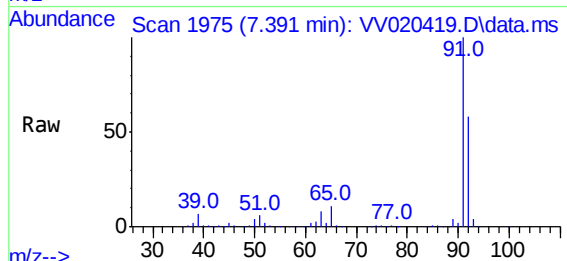




#42
Toluene
Concen: 5.03 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. -0.000 min
Lab File: VV020419.D
Acq: 26 Feb 2021 16:36

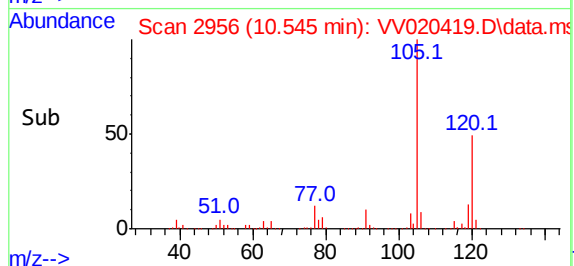
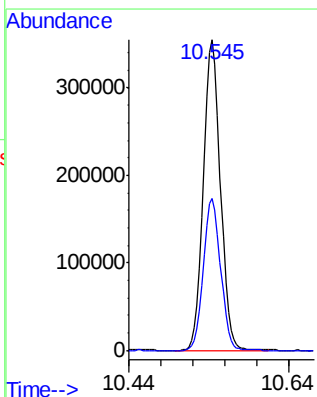
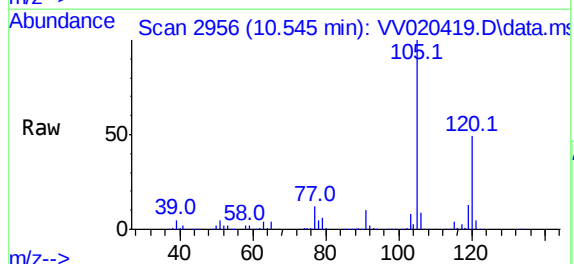
Instrument :
MSVOA_V
ClientSampleId :
VSTD00542

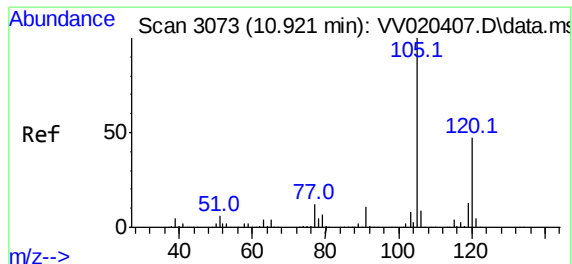
Tgt Ion: 91 Resp: 554757
Ion Ratio Lower Upper
91 100
92 57.7 40.8 75.8



#43
1,3,5-Trimethylbenzene
Concen: 5.25 ug/L
RT: 10.545 min Scan# 2956
Delta R.T. -0.000 min
Lab File: VV020419.D
Acq: 26 Feb 2021 16:36

Tgt Ion: 105 Resp: 511344
Ion Ratio Lower Upper
105 100
120 49.4 39.4 59.2

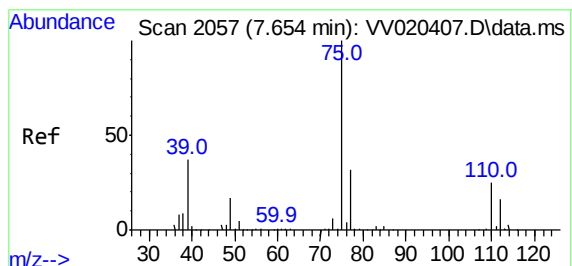
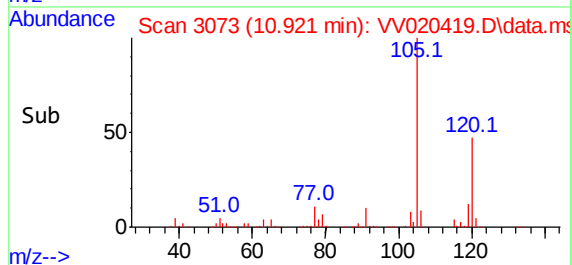
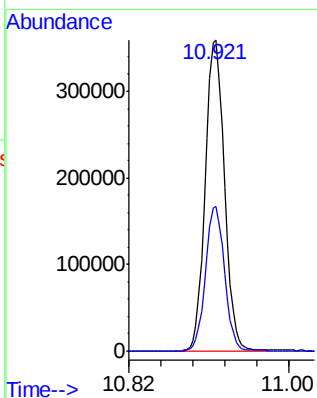
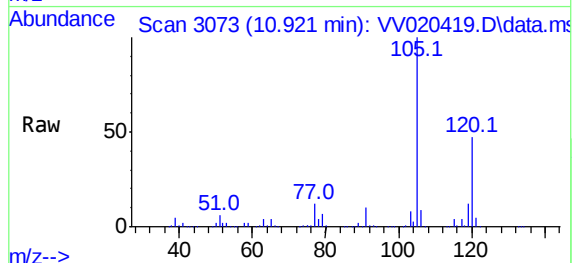




#44
1,2,4-Trimethylbenzene
Concen: 5.30 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. -0.000 min
Lab File: VV020419.D
Acq: 26 Feb 2021 16:36

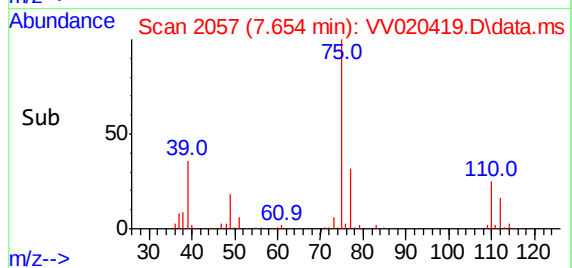
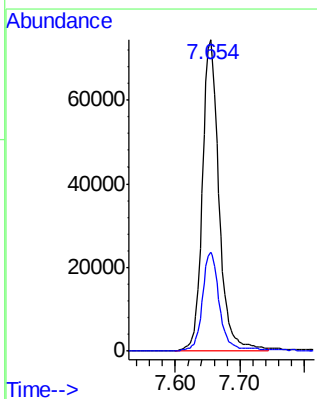
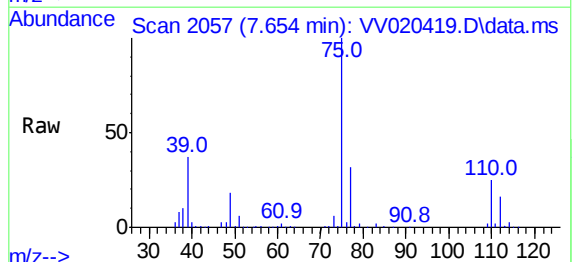
Instrument :
MSVOA_V
ClientSampleId :
VSTD00542

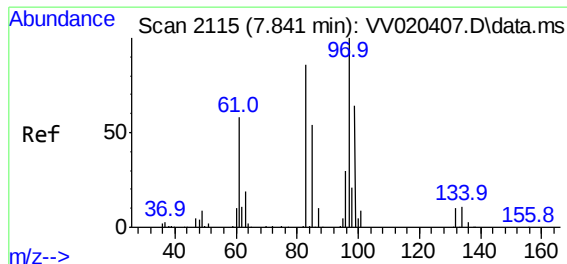
Tgt Ion:105 Resp: 526416
Ion Ratio Lower Upper
105 100
120 45.9 35.9 53.9



#46
trans-1,3-Dichloropropene
Concen: 4.77 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VV020419.D
Acq: 26 Feb 2021 16:36

Tgt Ion: 75 Resp: 132449
Ion Ratio Lower Upper
75 100
77 31.6 22.5 41.7



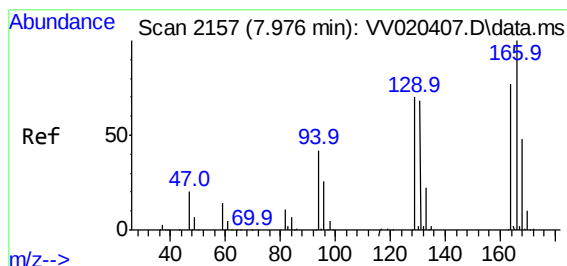
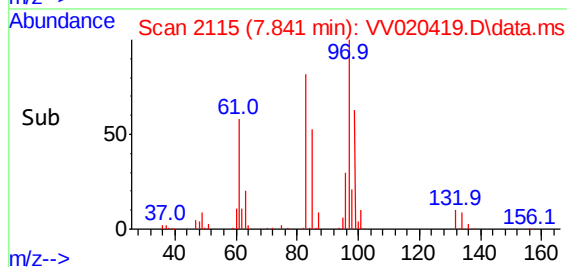
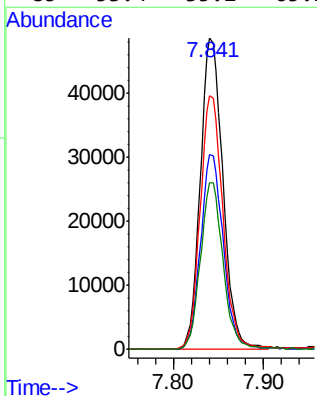
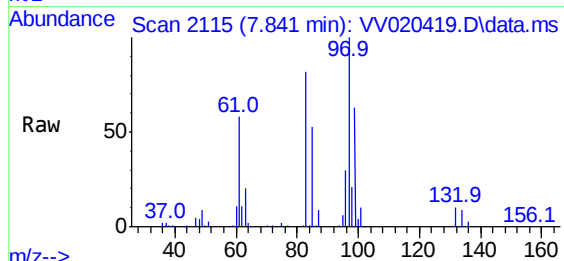


#47
1,1,2-Trichloroethane
Concen: 4.77 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VV020419.D
Acq: 26 Feb 2021 16:36

Instrument :
MSVOA_V
ClientSampleId :
VSTD00542

Tgt Ion: 97 Resp: 83604

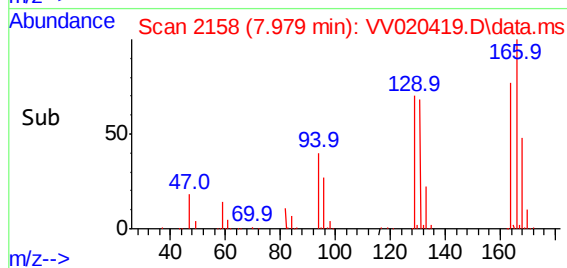
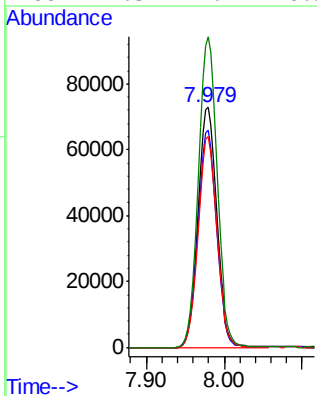
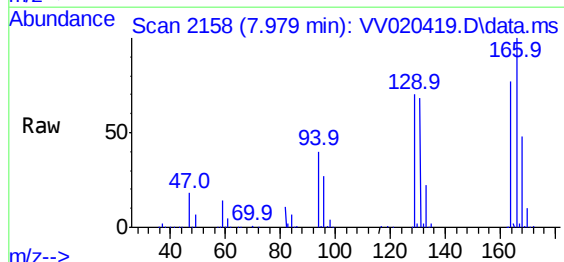
Ion	Ratio	Lower	Upper
97	100		
99	62.6	39.5	73.4
83	81.5	52.6	97.6
85	53.4	35.1	65.1

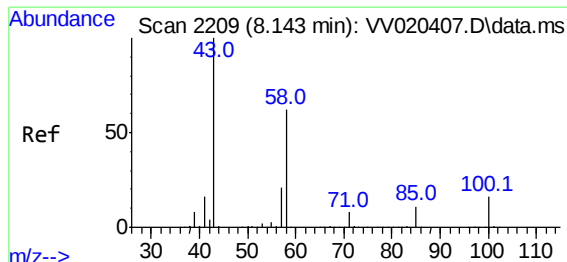


#49
Tetrachloroethene
Concen: 5.14 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV020419.D
Acq: 26 Feb 2021 16:36

Tgt Ion: 164 Resp: 121341

Ion	Ratio	Lower	Upper
164	100		
129	90.7	65.0	120.8
131	87.8	63.6	118.2
166	129.5	91.7	170.3

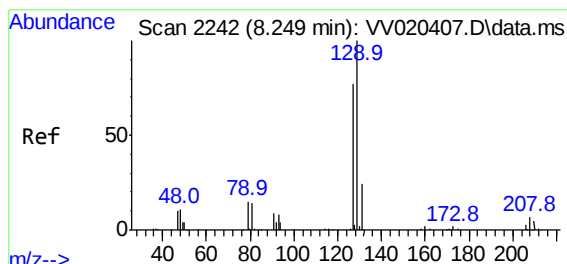
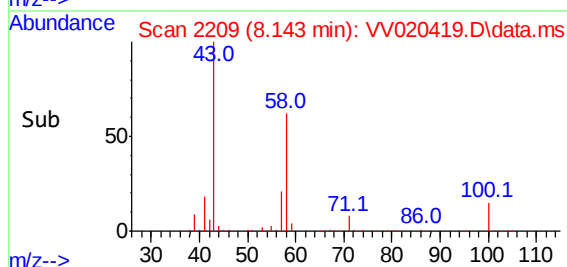
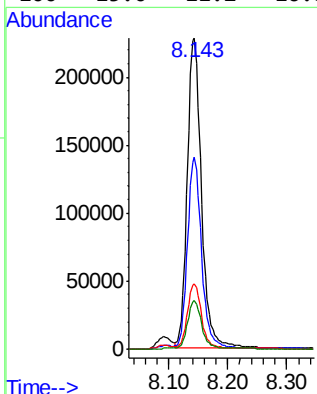
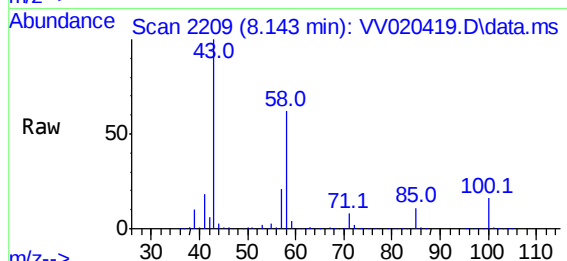




#50
2-Hexanone
Concen: 45.67 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VV020419.D
Acq: 26 Feb 2021 16:36

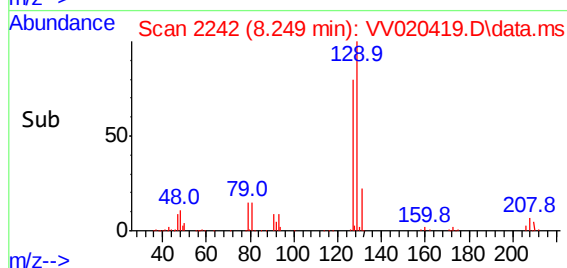
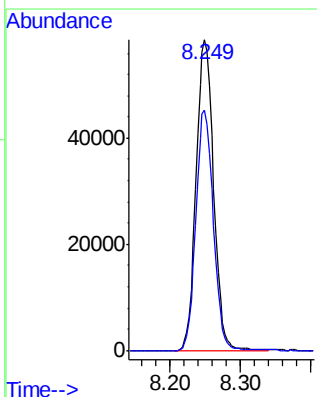
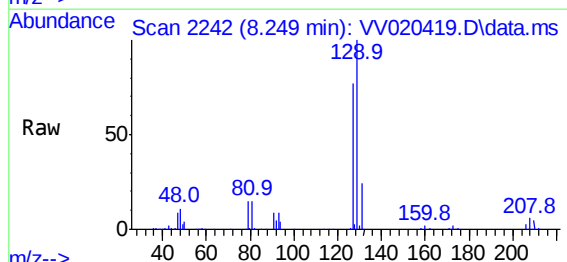
Instrument :
MSVOA_V
ClientSampleId :
VSTD00542

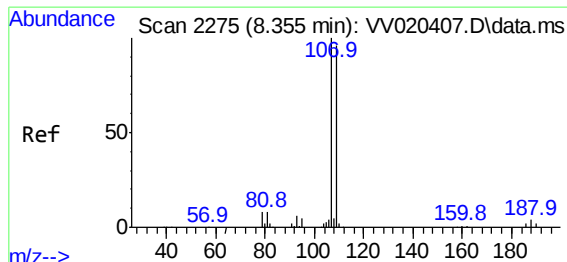
Tgt Ion: 43 Resp: 384725
Ion Ratio Lower Upper
43 100
58 61.1 41.6 62.4
57 21.0 15.4 23.0
100 15.0 11.2 16.8



#51
Dibromochloromethane
Concen: 4.93 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VV020419.D
Acq: 26 Feb 2021 16:36

Tgt Ion: 129 Resp: 100288
Ion Ratio Lower Upper
129 100
127 77.2 56.3 104.5

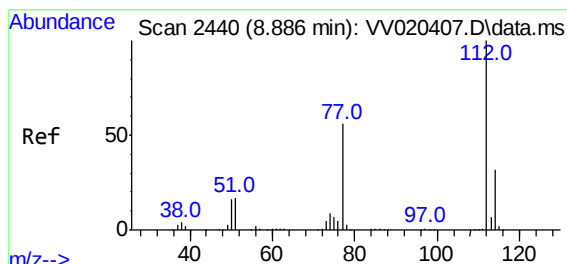
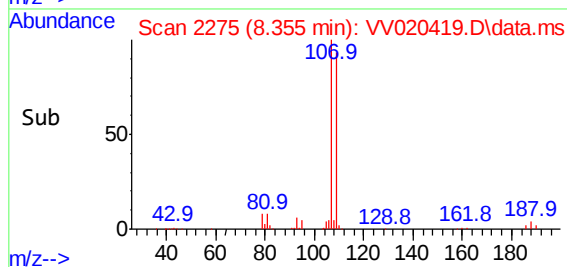
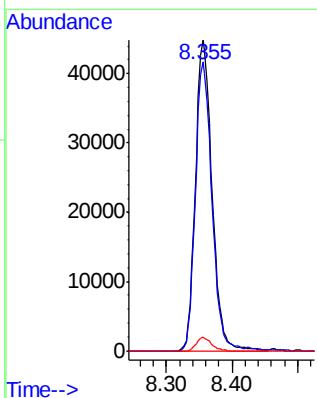
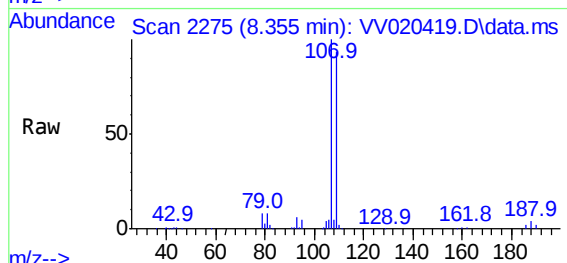




#52
1,2-Dibromoethane
Concen: 4.93 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. -0.000 min
Lab File: VV020419.D
Acq: 26 Feb 2021 16:36

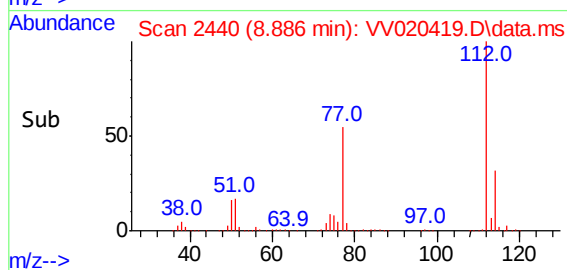
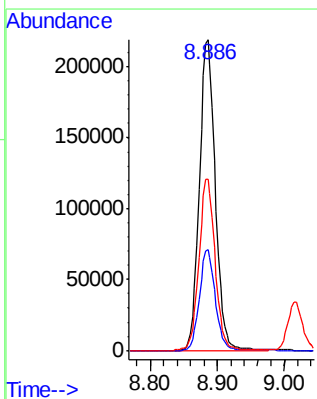
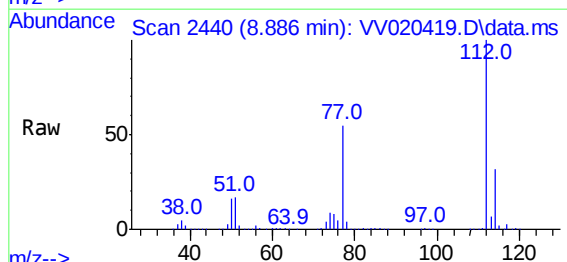
Instrument :
MSVOA_V
ClientSampleId :
VSTD00542

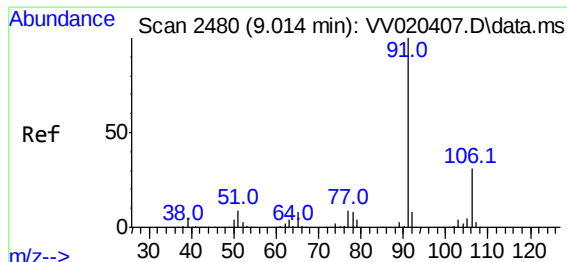
Tgt Ion:107 Resp: 78185
Ion Ratio Lower Upper
107 100
109 93.0 65.5 121.7
188 4.2 3.7 5.5



#53
Chlorobenzene
Concen: 4.95 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. -0.000 min
Lab File: VV020419.D
Acq: 26 Feb 2021 16:36

Tgt Ion:112 Resp: 359897
Ion Ratio Lower Upper
112 100
114 32.4 23.2 43.2
77 55.2 45.6 68.4





#54

Ethylbenzene

Concen: 5.03 ug/L

RT: 9.018 min Scan# 2481

Delta R.T. 0.003 min

Lab File: VV020419.D

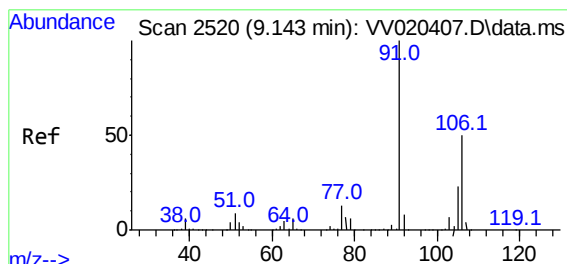
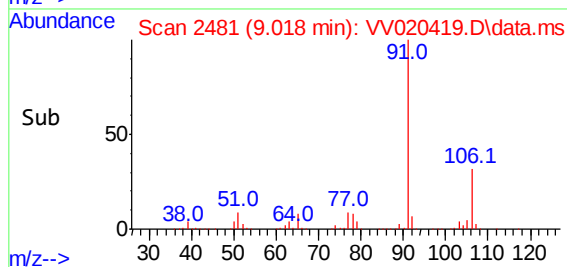
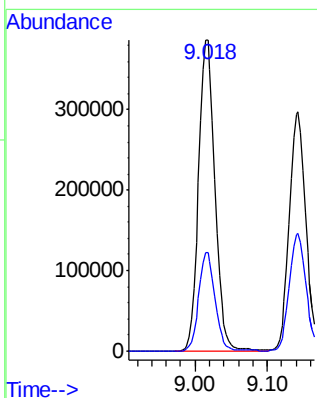
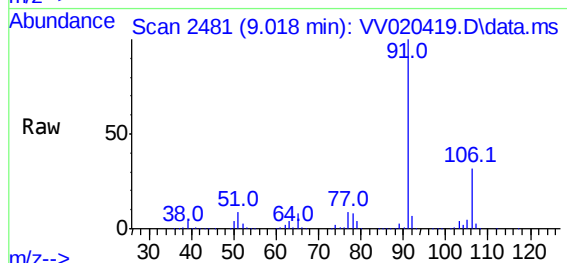
Acq: 26 Feb 2021 16:36

Tgt Ion: 91 Resp: 607071

Ion Ratio Lower Upper

91 100

106 31.7 21.6 40.2



#55

m,p-xylene

Concen: 5.21 ug/L

RT: 9.143 min Scan# 2520

Delta R.T. -0.000 min

Lab File: VV020419.D

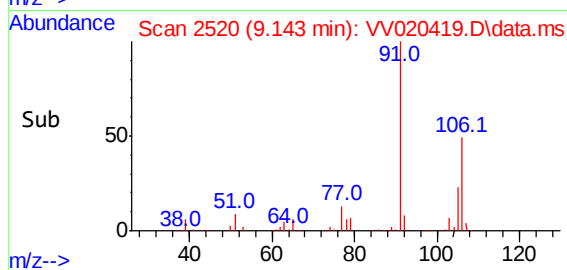
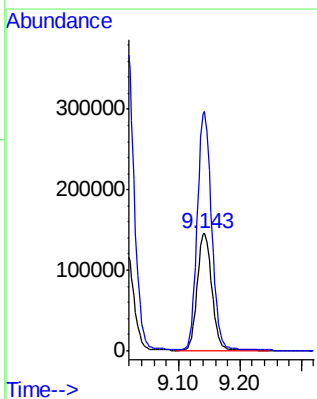
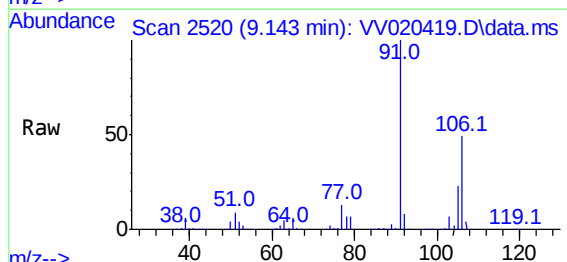
Acq: 26 Feb 2021 16:36

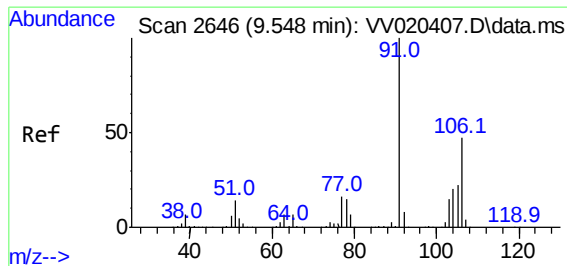
Tgt Ion: 106 Resp: 236645

Ion Ratio Lower Upper

106 100

91 204.3 141.3 262.3

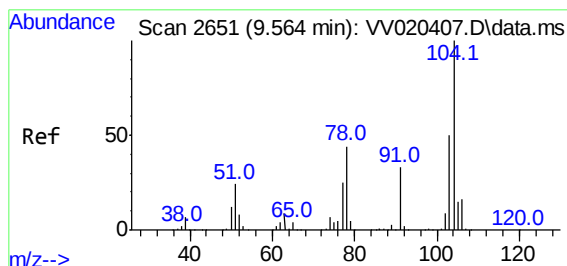
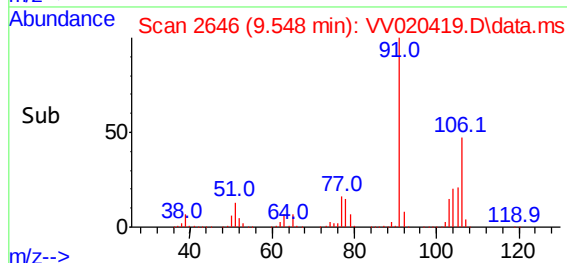
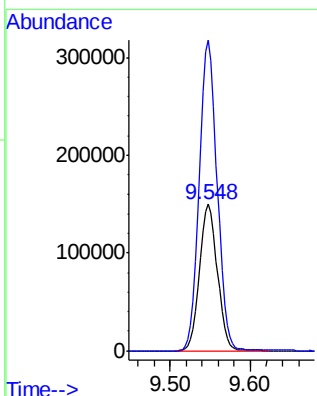
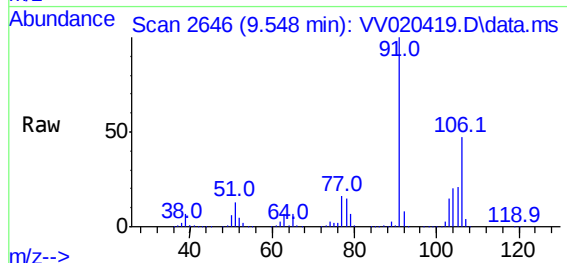




#56
o-xylene
Concen: 5.16 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. -0.000 min
Lab File: VV020419.D
Acq: 26 Feb 2021 16:36

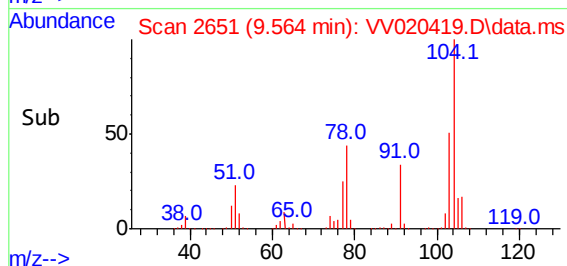
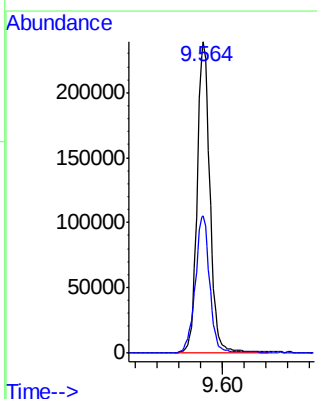
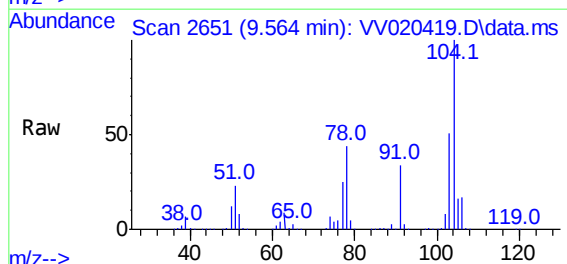
Instrument :
MSVOA_V
ClientSampleId :
VSTD00542

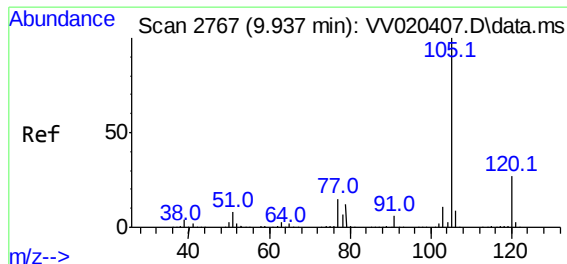
Tgt Ion:106 Resp: 225466
Ion Ratio Lower Upper
106 100
91 212.3 153.9 285.7



#57
Styrene
Concen: 5.23 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. -0.000 min
Lab File: VV020419.D
Acq: 26 Feb 2021 16:36

Tgt Ion:104 Resp: 383928
Ion Ratio Lower Upper
104 100
78 44.2 34.0 63.2

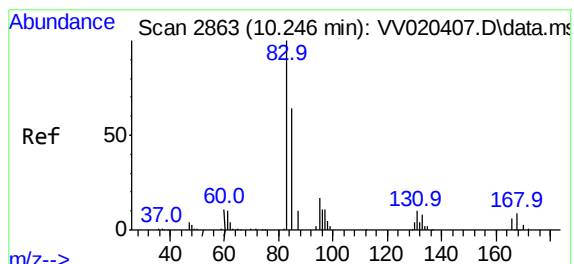
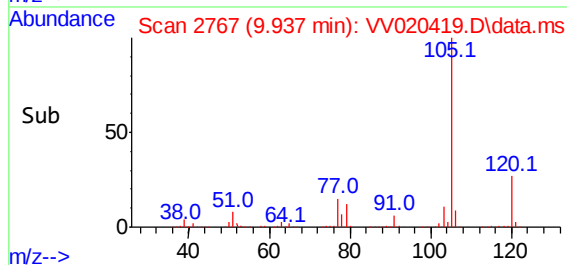
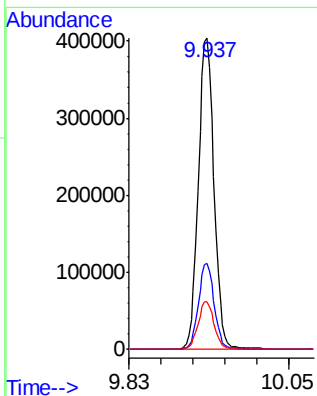
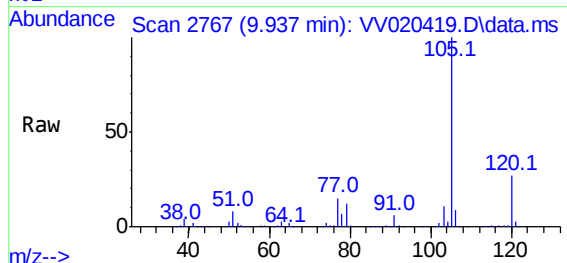




#58
Isopropylbenzene
Concen: 5.20 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. -0.000 min
Lab File: VV020419.D
Acq: 26 Feb 2021 16:36

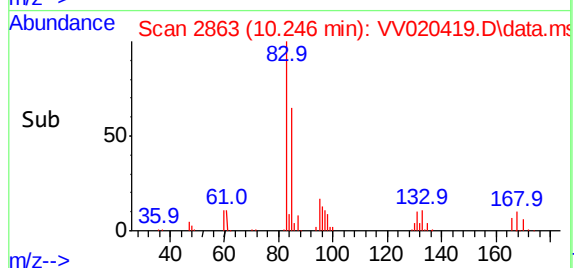
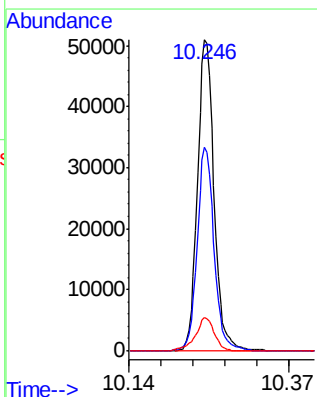
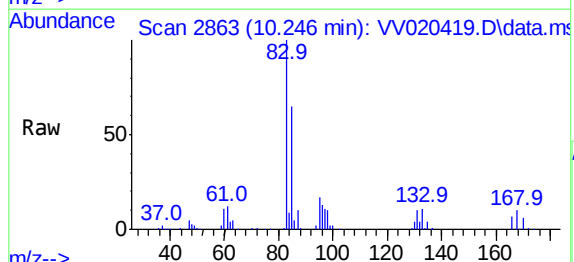
Instrument :
MSVOA_V
ClientSampleId :
VSTD00542

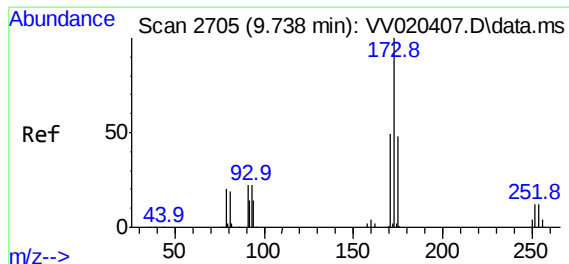
Tgt Ion:105 Resp: 617010
Ion Ratio Lower Upper
105 100
120 27.4 21.1 31.7
77 15.1 13.0 19.6



#60
1,1,2,2-Tetrachloroethane
Concen: 4.42 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. -0.000 min
Lab File: VV020419.D
Acq: 26 Feb 2021 16:36

Tgt Ion: 83 Resp: 82237
Ion Ratio Lower Upper
83 100
85 65.5 44.4 82.5
131 10.4 9.2 13.8

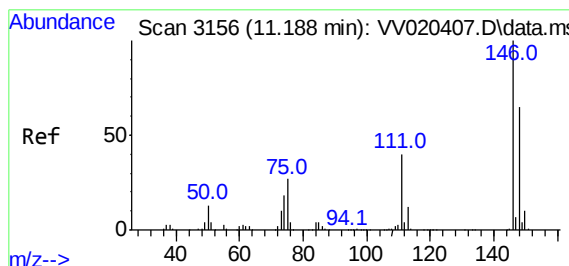
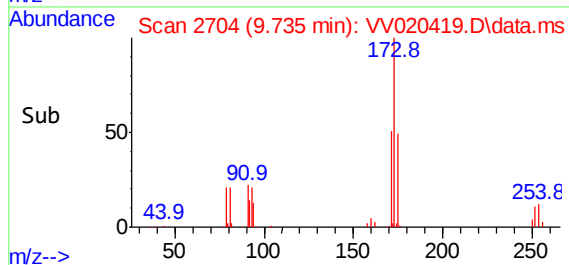
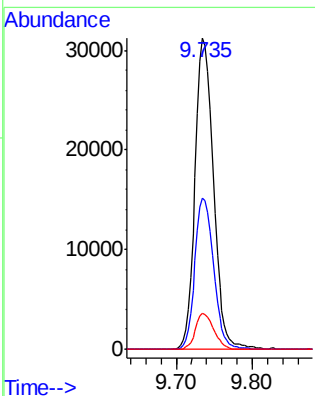
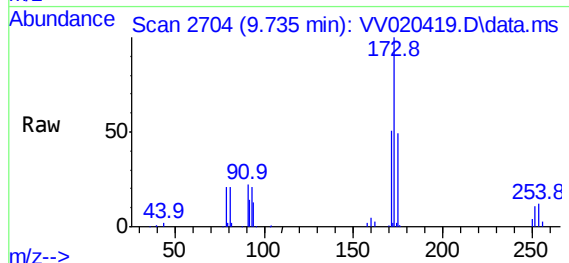




#62
Bromoform
Concen: 4.73 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. -0.003 min
Lab File: VV020419.D
Acq: 26 Feb 2021 16:36

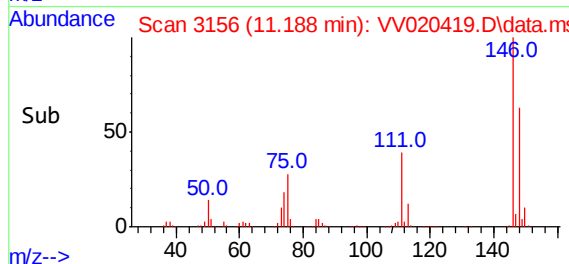
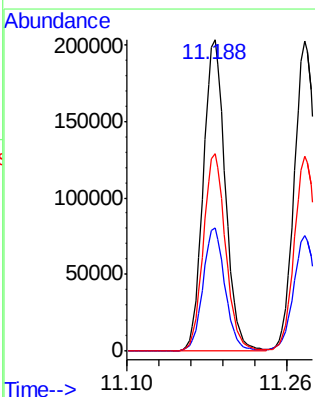
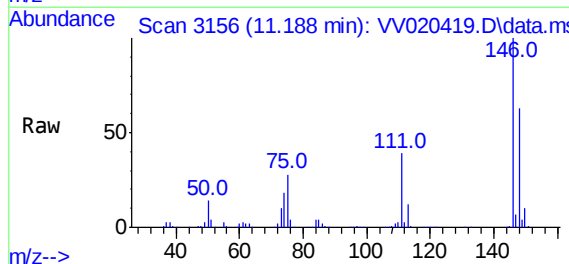
Instrument :
MSVOA_V
ClientSampleId :
VSTD00542

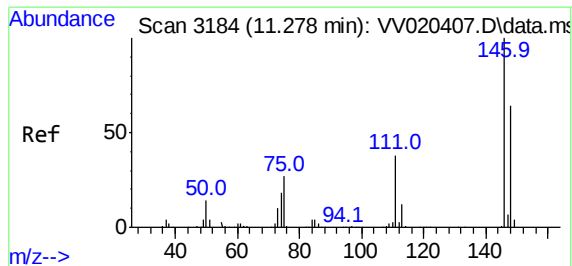
Tgt Ion:	173	Resp:	52153
Ion	Ratio	Lower	Upper
173	100		
175	49.5	39.6	59.4
254	11.2	8.4	12.6



#63
1,3-Dichlorobenzene
Concen: 4.95 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. -0.000 min
Lab File: VV020419.D
Acq: 26 Feb 2021 16:36

Tgt Ion:	146	Resp:	310369
Ion	Ratio	Lower	Upper
146	100		
111	39.4	27.3	50.7
148	63.5	45.6	84.6

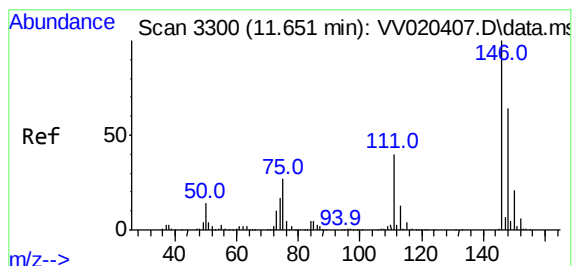
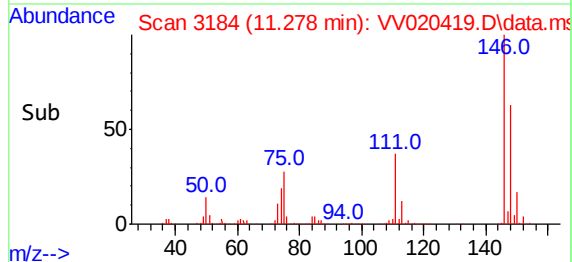
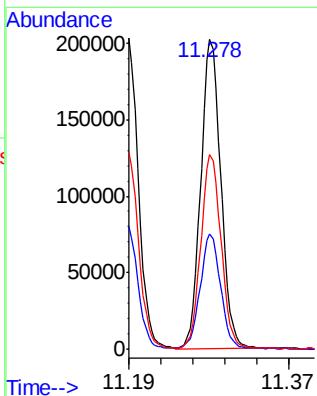
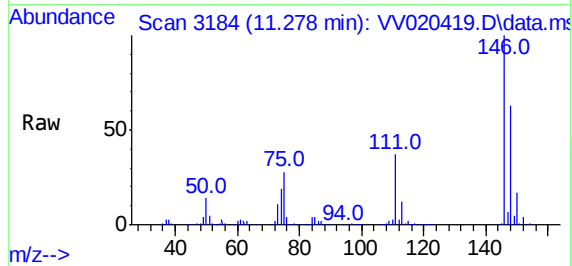




#64
1,4-Dichlorobenzene
Concen: 4.88 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. -0.000 min
Lab File: VV020419.D
Acq: 26 Feb 2021 16:36

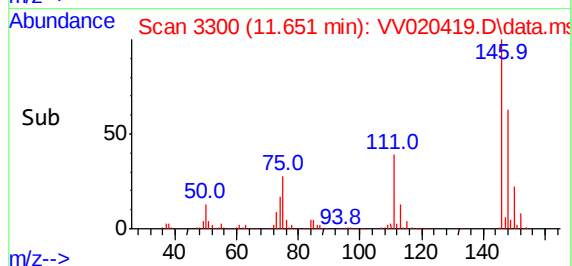
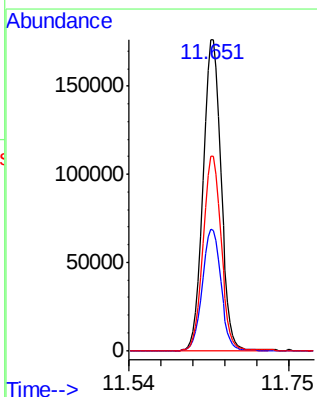
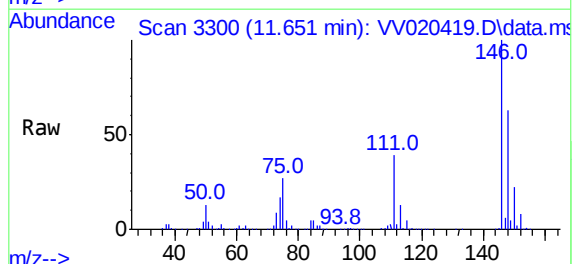
Instrument :
MSVOA_V
ClientSampleId :
VSTD00542

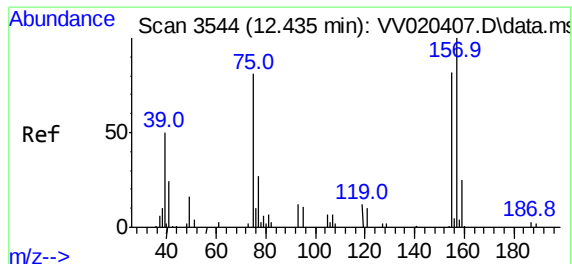
Tgt Ion:146 Resp: 310592
Ion Ratio Lower Upper
146 100
111 37.2 27.4 51.0
148 62.5 43.8 81.4



#66
1,2-Dichlorobenzene
Concen: 4.95 ug/L
RT: 11.651 min Scan# 3300
Delta R.T. -0.000 min
Lab File: VV020419.D
Acq: 26 Feb 2021 16:36

Tgt Ion:146 Resp: 281753
Ion Ratio Lower Upper
146 100
111 38.6 33.0 49.4
148 62.6 49.9 74.9



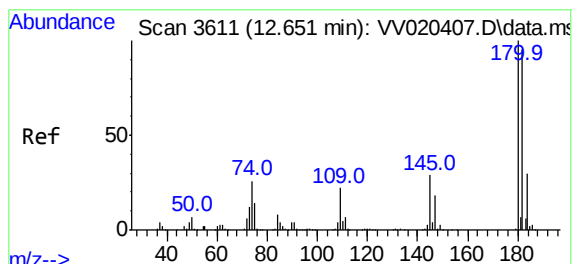
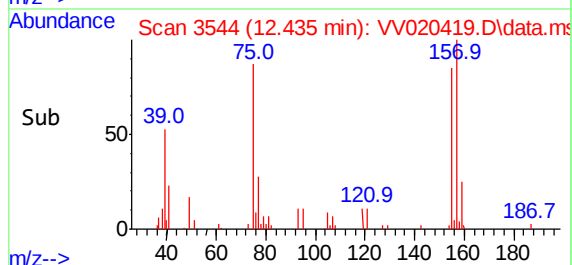
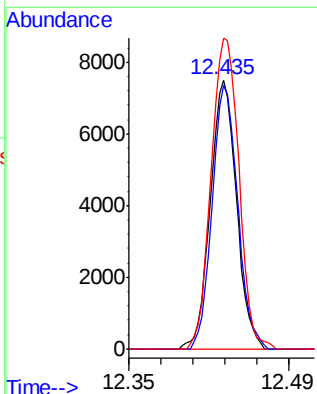
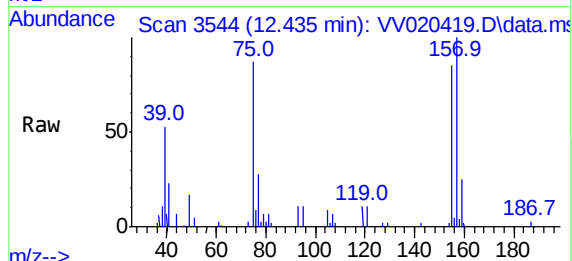


#67
 1,2-Dibromo-3-chloropropane
 Concen: 4.18 ug/L
 RT: 12.435 min Scan# 3544
 Delta R.T. -0.000 min
 Lab File: VV020419.D
 Acq: 26 Feb 2021 16:36

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00542

Tgt Ion: 75 Resp: 11695

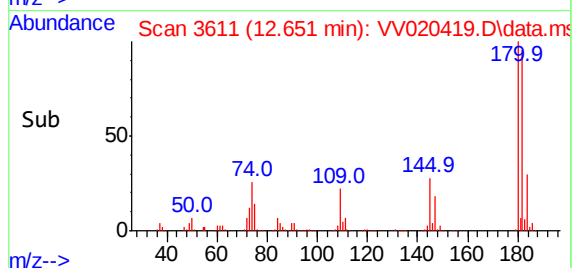
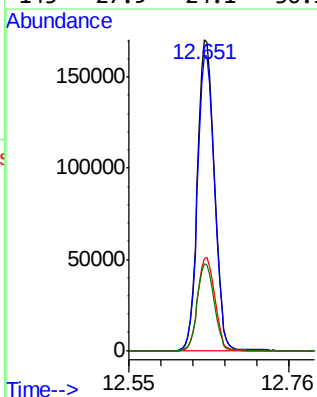
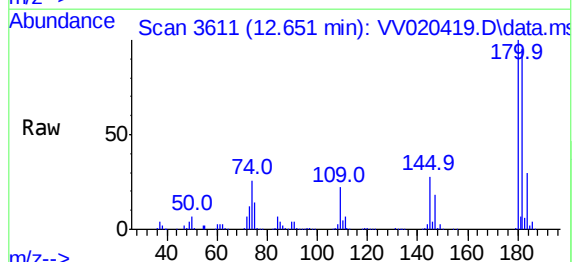
Ion	Ratio	Lower	Upper
75	100		
155	98.0	68.7	103.1
157	115.5	87.8	131.8

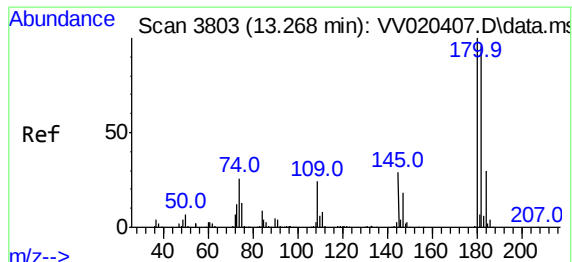


#68
 1,3,5-Trichlorobenzene
 Concen: 5.11 ug/L
 RT: 12.651 min Scan# 3611
 Delta R.T. -0.000 min
 Lab File: VV020419.D
 Acq: 26 Feb 2021 16:36

Tgt Ion: 180 Resp: 259772

Ion	Ratio	Lower	Upper
180	100		
182	95.5	77.1	115.7
184	30.2	25.2	37.8
145	27.9	24.1	36.1

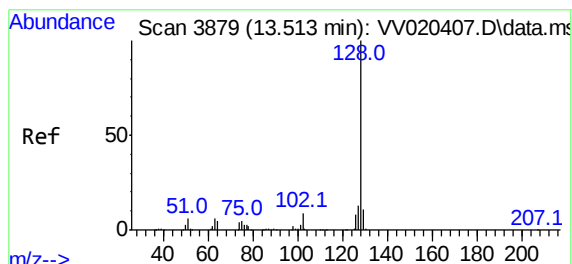
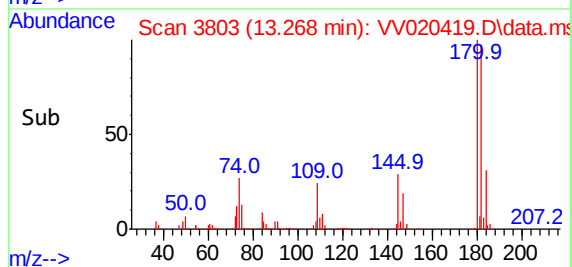
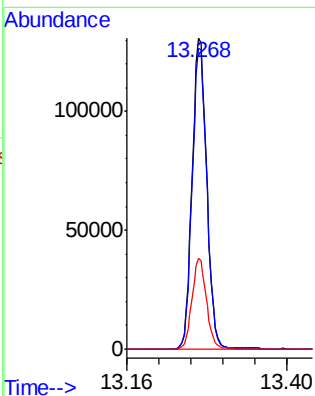
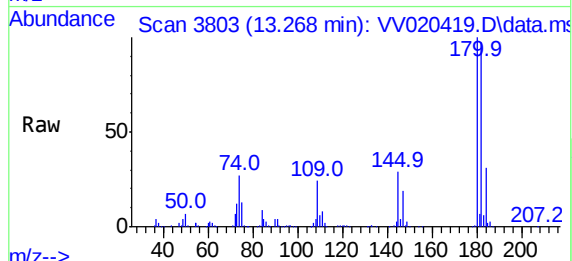




#69
1,2,4-trichlorobenzene
Concen: 4.94 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. -0.000 min
Lab File: VV020419.D
Acq: 26 Feb 2021 16:36

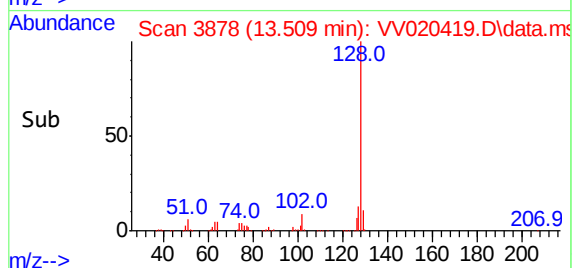
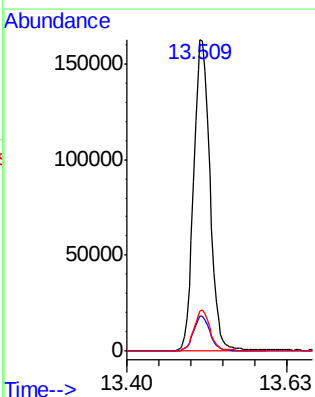
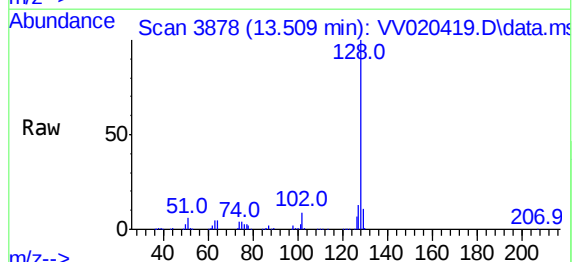
Instrument :
MSVOA_V
ClientSampleId :
VSTD00542

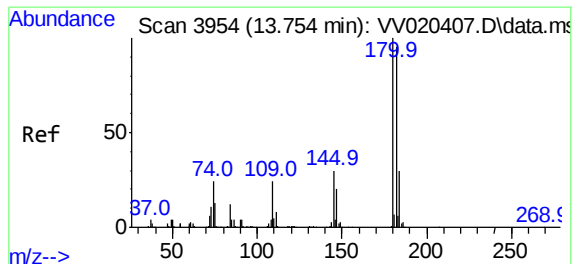
Tgt Ion:180 Resp: 199837
Ion Ratio Lower Upper
180 100
182 97.2 75.4 113.2
145 28.6 24.2 36.2



#70
Naphthalene
Concen: 4.58 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. -0.003 min
Lab File: VV020419.D
Acq: 26 Feb 2021 16:36

Tgt Ion:128 Resp: 258024
Ion Ratio Lower Upper
128 100
129 11.0 9.1 13.7
127 12.6 11.0 16.6





#71
 1,2,3-Trichlorobenzene
 Concen: 4.99 ug/L
 RT: 13.754 min Scan# 3954
 Delta R.T. -0.000 min
 Lab File: VV020419.D
 Acq: 26 Feb 2021 16:36

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00542

Tgt Ion:180 Resp: 175609
 Ion Ratio Lower Upper
 180 100
 182 95.4 74.2 111.4
 145 30.4 26.0 39.0

