

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022521\
 Data File : VW020393.D
 Acq On : 24 Feb 2021 13:00
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005710

Quant Time: Feb 25 01:54:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 25 01:53:18 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	322144	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	316078	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	171847	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	91192	4.46	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	89.20%		
7) Chloroethane-d5	1.568	69	75772	4.63	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	92.60%		
11) 1,1-Dichloroethene-d2	2.111	63	181894	4.50	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	90.00%		
20) 2-Butanone-d5	3.902	46	179448	47.95	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	95.90%		
24) Chloroform-d	4.349	84	179024	4.66	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	93.20%		
26) 1,2-Dichloroethane-d4	5.034	65	84547	4.66	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	93.20%		
32) Benzene-d6	5.050	84	341854	4.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	93.00%		
36) 1,2-Dichloropropane-d6	6.072	67	99422	4.56	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	91.20%		
41) Toluene-d8	7.317	98	335927	4.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	94.60%		
43) trans-1,3-Dichloroprop...	7.625	79	37432	4.57	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	91.40%		
46) 2-Hexanone-d5	8.092	63	138138	47.66	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	95.32%		
56) 1,1,2,2-Tetrachloroeth...	10.220	84	71309	4.58	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	91.60%		
66) 1,2-Dichlorobenzene-d4	11.632	152	132981	4.58	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	91.60%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.130	85	180848	4.54	ug/L	99
3) Chloromethane	1.240	50	150690	4.44	ug/L	98
5) Vinyl chloride	1.311	62	166428	4.58	ug/L	99
6) Bromomethane	1.523	94	104157	4.48	ug/L	99
8) Chloroethane	1.584	64	96804	4.50	ug/L	99
9) Trichlorofluoromethane	1.754	101	236560	4.53	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	127648	4.56	ug/L	99
12) 1,1-Dichloroethene	2.118	96	121328	4.53	ug/L	99
13) Acetone	2.201	43	143803	43.20	ug/L	67
14) Carbon disulfide	2.294	76	363494	4.56	ug/L	100
15) Methyl Acetate	2.442	43	35462	4.47	ug/L	96
16) Methylene chloride	2.507	84	120992	3.87	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	238161	4.53	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	126464	4.61	ug/L	98
19) 1,1-Dichloroethane	3.188	63	217841	4.49	ug/L	99
21) 2-Butanone	3.986	43	232458	47.25	ug/L	97
22) cis-1,2-Dichloroethene	3.912	96	132216	4.60	ug/L	97
23) Bromochloromethane	4.249	128	58422	4.53	ug/L	97
25) Chloroform	4.375	83	233377	4.49	ug/L	99
27) 1,2-Dichloroethane	5.130	62	130190	4.55	ug/L	99

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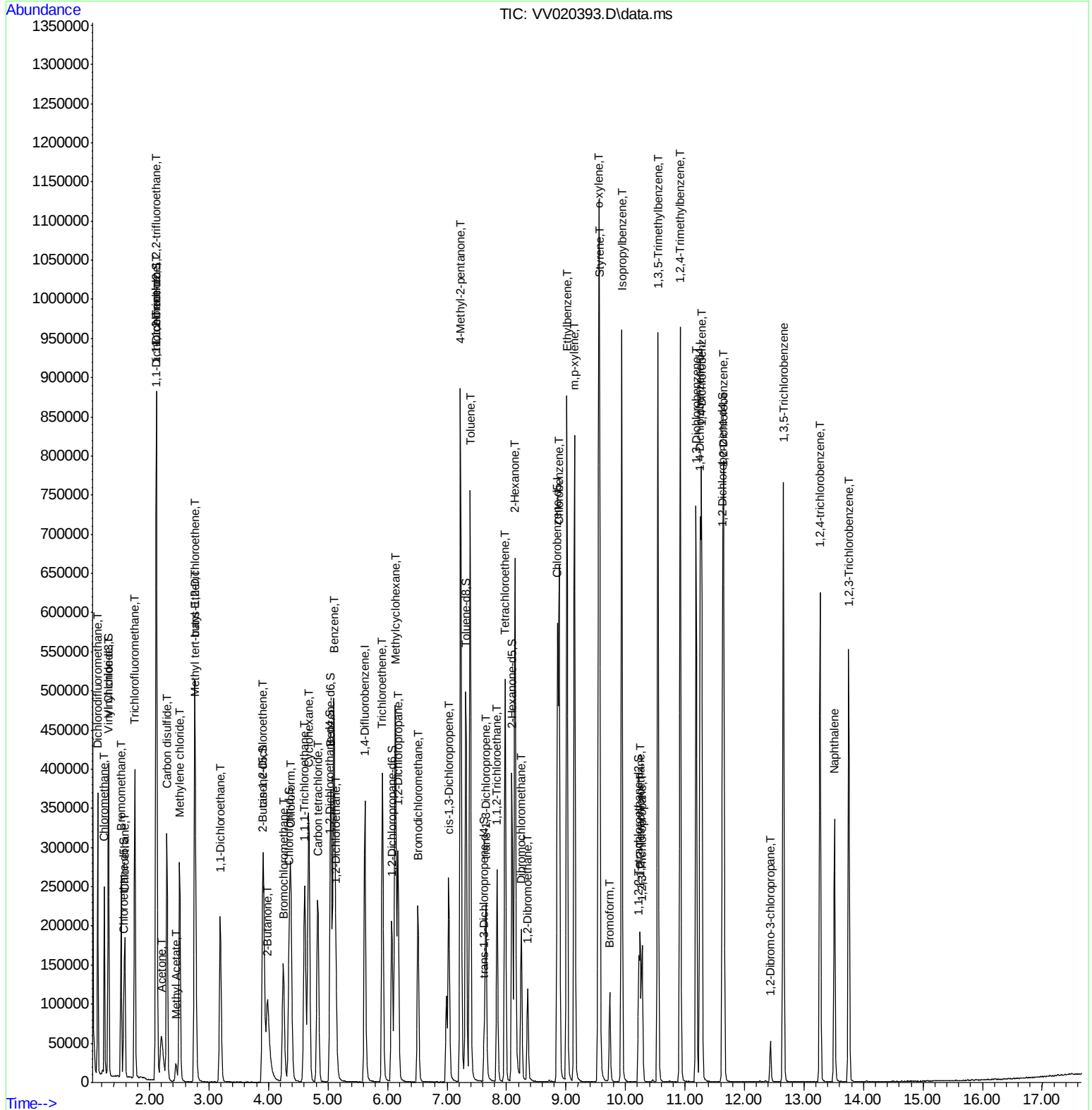
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 ClientSampleId :
 VSTD005710

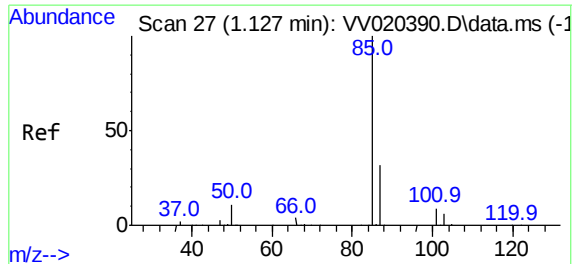
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 25 01:53:18 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	4.606	97	205568	4.56	ug/L	97
30) Cyclohexane	4.677	56	184950	4.51	ug/L	98
31) Carbon tetrachloride	4.828	117	180524	4.60	ug/L	100
33) Benzene	5.098	78	501434	4.59	ug/L	100
34) Trichloroethene	5.915	95	140028	4.56	ug/L	98
35) Methylcyclohexane	6.133	83	200676	4.45	ug/L	98
37) 1,2-Dichloropropane	6.175	63	118981	4.58	ug/L	100
38) Bromodichloromethane	6.513	83	152035	4.57	ug/L	97
39) cis-1,3-Dichloropropene	7.031	75	162961	4.56	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	561004	45.28	ug/L	99
42) Toluene	7.391	91	560398	4.68	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	134576	4.67	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	84020	4.51	ug/L	99
47) Tetrachloroethene	7.976	164	119382	4.57	ug/L	99
48) 2-Hexanone	8.143	43	402210	45.88	ug/L	99
49) Dibromochloromethane	8.249	129	99531	4.62	ug/L	98
50) 1,2-Dibromoethane	8.355	107	77627	4.45	ug/L	97
51) Chlorobenzene	8.886	112	361665	4.57	ug/L	99
52) Ethylbenzene	9.014	91	608414	4.61	ug/L	99
53) m,p-xylene	9.143	106	233369	4.60	ug/L	98
54) o-xylene	9.548	106	224147	4.69	ug/L	99
55) Styrene	9.564	104	383359	4.80	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.246	83	87408	4.48	ug/L	99
59) Bromoform	9.735	173	51001	4.58	ug/L	100
60) Isopropylbenzene	9.937	105	612945	4.71	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	69715	4.44	ug/L	99
62) 1,3,5-Trimethylbenzene	10.545	105	504754	4.73	ug/L	100
63) 1,2,4-Trimethylbenzene	10.921	105	518464	4.82	ug/L	100
64) 1,3-Dichlorobenzene	11.188	146	304692	4.58	ug/L	99
65) 1,4-Dichlorobenzene	11.278	146	304431	4.56	ug/L	99
67) 1,2-Dichlorobenzene	11.651	146	274689	4.58	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.435	75	12521	4.53	ug/L	100
69) 1,3,5-Trichlorobenzene	12.654	180	247210	4.58	ug/L	99
70) 1,2,4-trichlorobenzene	13.268	180	196168	4.51	ug/L	99
71) Naphthalene	13.513	128	259989	4.43	ug/L	100
72) 1,2,3-Trichlorobenzene	13.754	180	173602	4.63	ug/L	99

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

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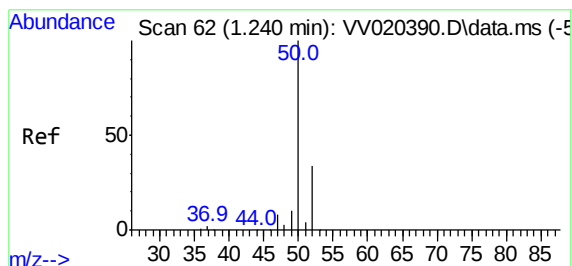
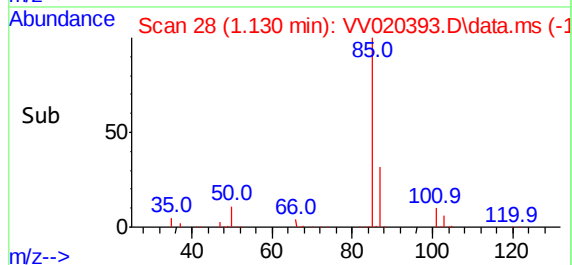
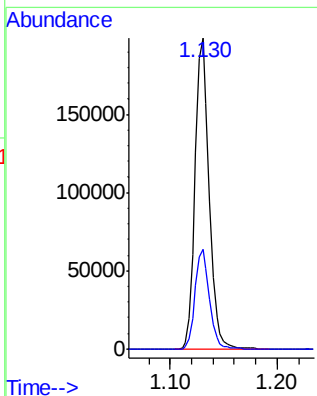
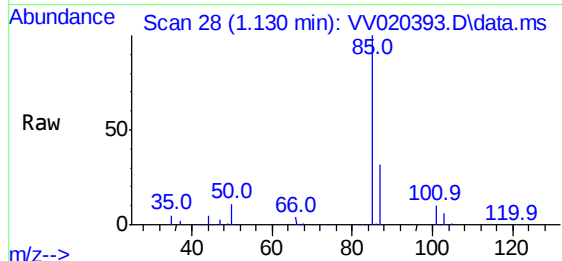




#2
Dichlorodifluoromethane
Concen: 4.54 ug/L
RT: 1.130 min Scan# 28
Delta R.T. 0.003 min
Lab File: VV020393.D
Acq: 24 Feb 2021 13:00

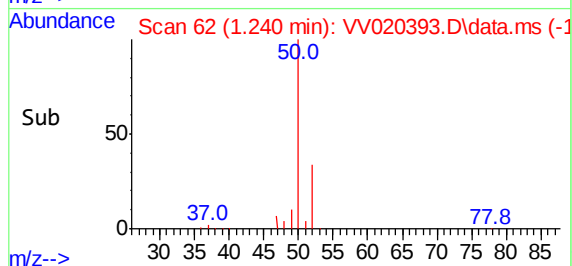
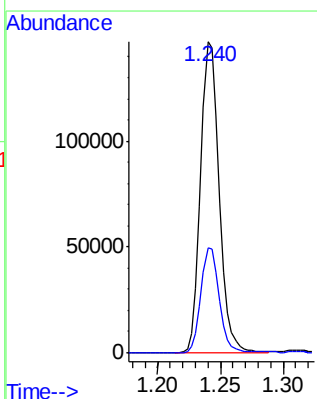
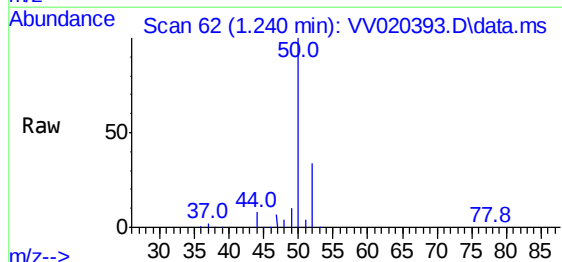
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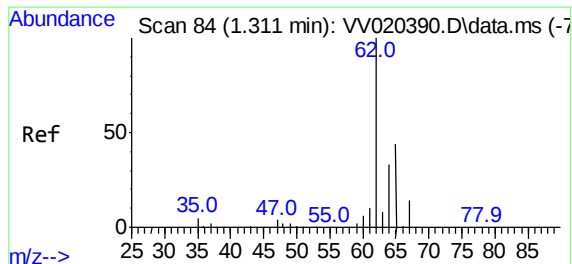
Tgt Ion: 85 Resp: 180848
Ion Ratio Lower Upper
85 100
87 32.4 25.7 38.5



#3
Chloromethane
Concen: 4.44 ug/L
RT: 1.240 min Scan# 62
Delta R.T. -0.000 min
Lab File: VV020393.D
Acq: 24 Feb 2021 13:00

Tgt Ion: 50 Resp: 150690
Ion Ratio Lower Upper
50 100
52 33.6 22.5 41.9

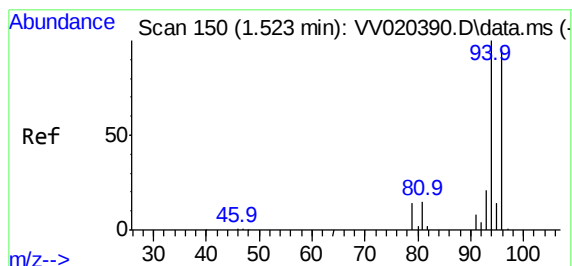
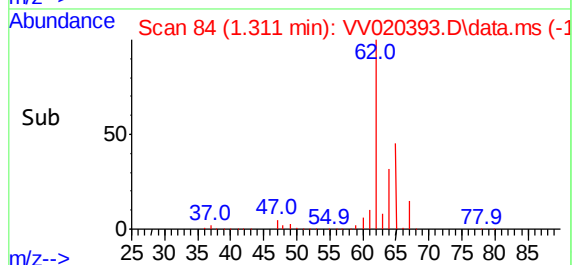
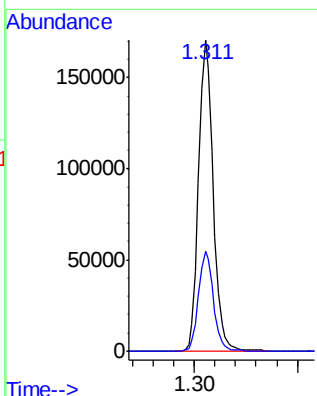
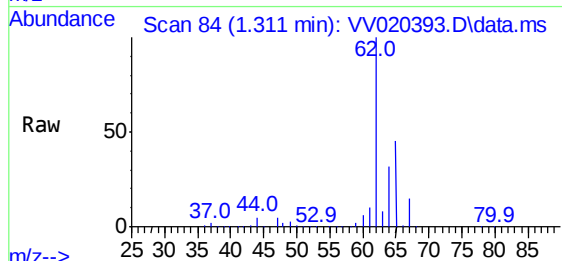




#5
 Vinyl chloride
 Concen: 4.58 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV020393.D
 Acq: 24 Feb 2021 13:00

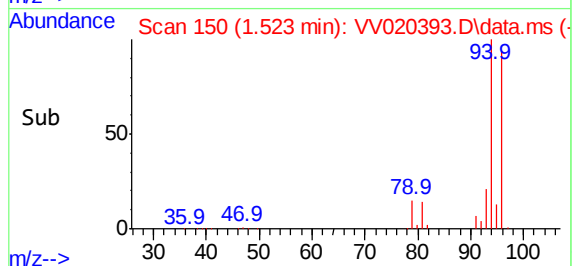
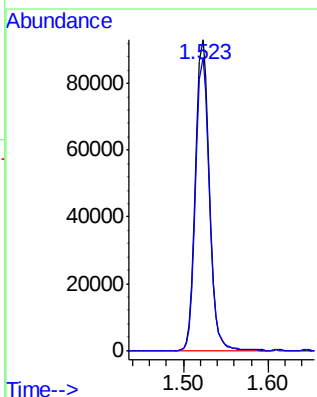
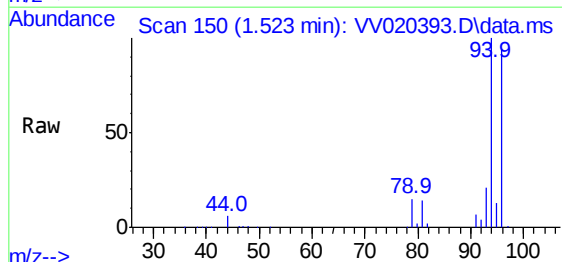
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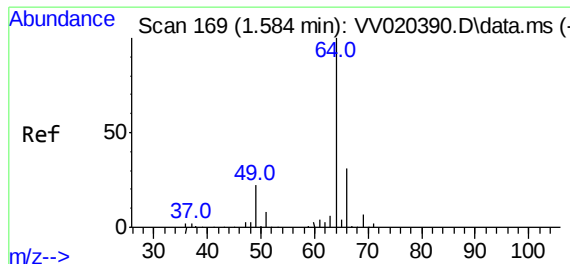
Tgt Ion: 62 Resp: 166428
 Ion Ratio Lower Upper
 62 100
 64 32.1 22.8 42.4



#6
 Bromomethane
 Concen: 4.48 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV020393.D
 Acq: 24 Feb 2021 13:00

Tgt Ion: 94 Resp: 104157
 Ion Ratio Lower Upper
 94 100
 96 94.1 65.0 120.6

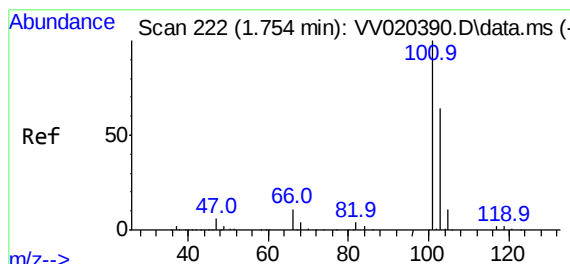
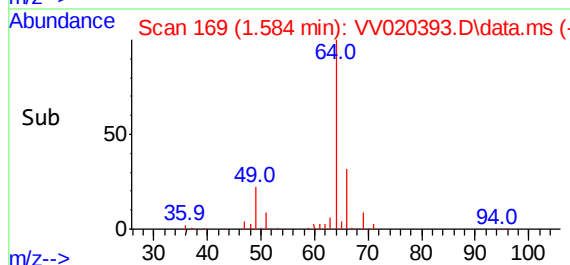
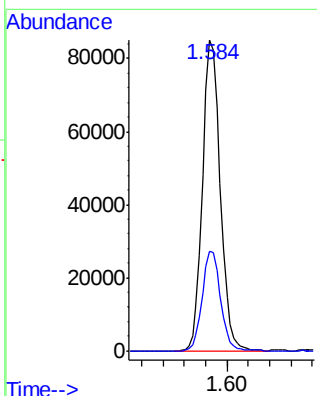
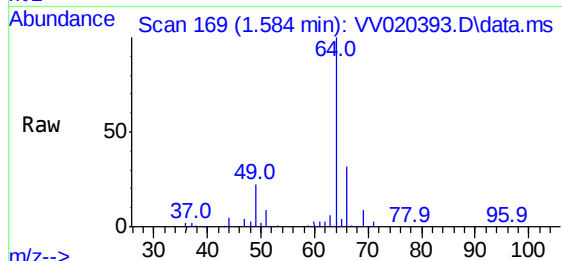




#8
Chloroethane
Concen: 4.50 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.000 min
Lab File: VV020393.D
Acq: 24 Feb 2021 13:00

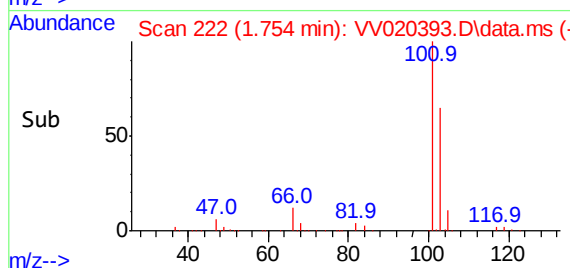
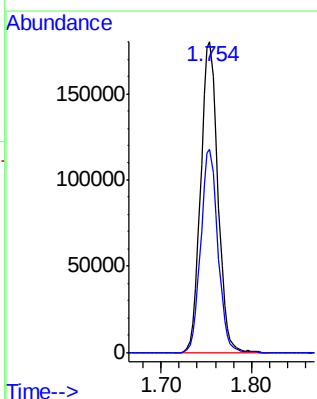
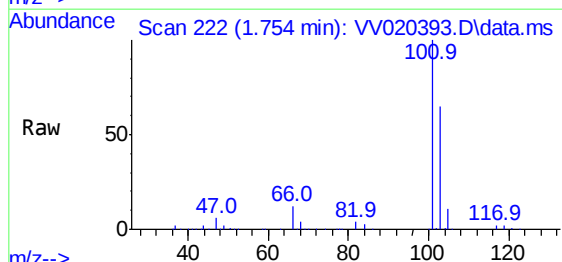
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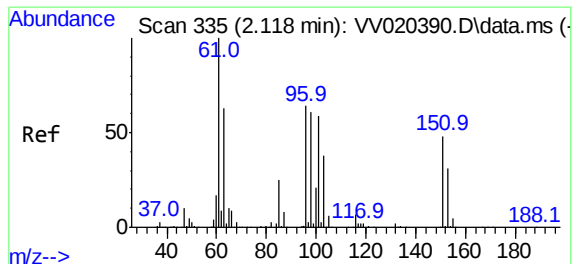
Tgt Ion: 64 Resp: 96804
Ion Ratio Lower Upper
64 100
66 32.2 22.3 41.5



#9
Trichlorofluoromethane
Concen: 4.53 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV020393.D
Acq: 24 Feb 2021 13:00

Tgt Ion:101 Resp: 236560
Ion Ratio Lower Upper
101 100
103 65.2 51.9 77.9

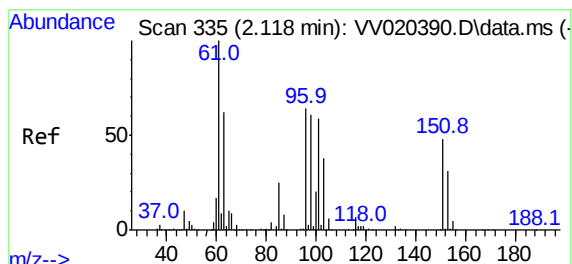
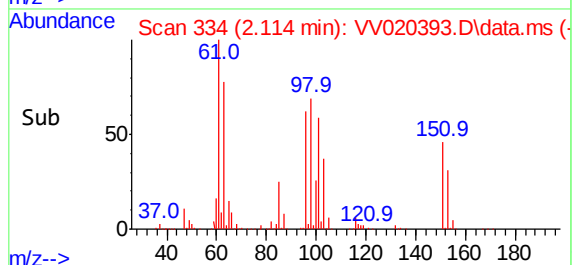
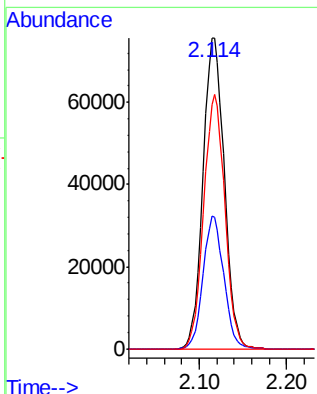
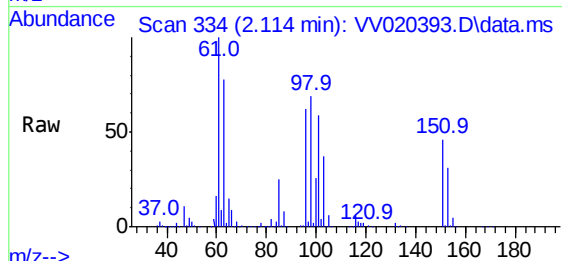




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.56 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.003 min
 Lab File: VV020393.D
 Acq: 24 Feb 2021 13:00

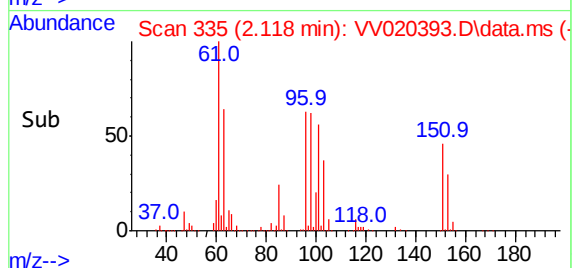
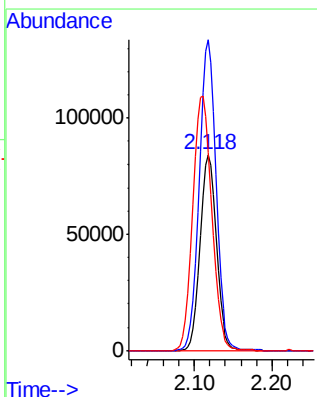
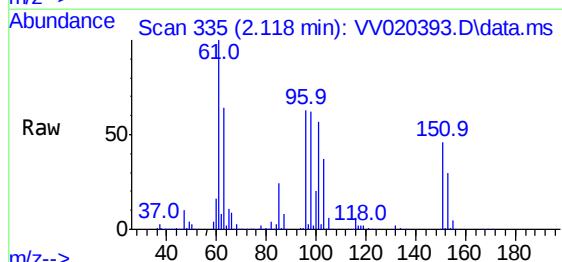
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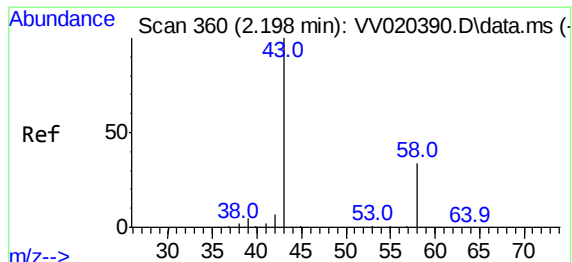
Tgt Ion:101 Resp: 127648
 Ion Ratio Lower Upper
 101 100
 85 41.5 33.0 49.6
 151 81.3 64.2 96.2



#12
 1,1-Dichloroethene
 Concen: 4.53 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV020393.D
 Acq: 24 Feb 2021 13:00

Tgt Ion: 96 Resp: 121328
 Ion Ratio Lower Upper
 96 100
 61 158.7 109.8 204.0
 63 101.1 71.3 132.3

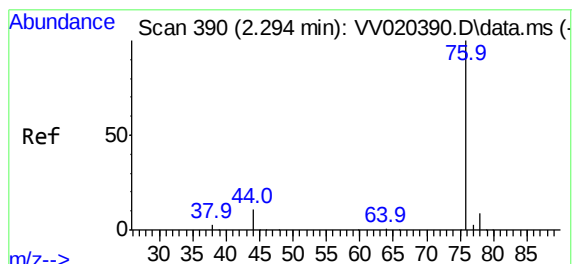
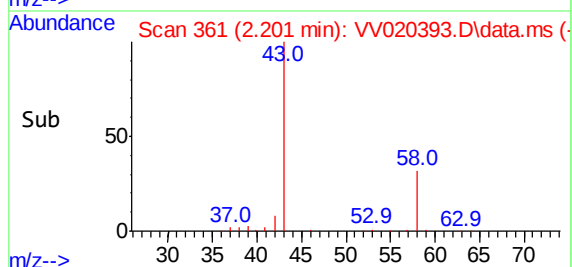
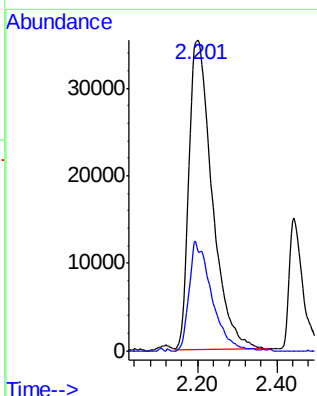
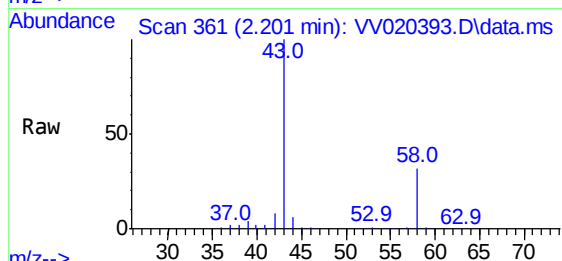




#13
Acetone
Concen: 43.20 ug/L
RT: 2.201 min Scan# 361
Delta R.T. 0.003 min
Lab File: VV020393.D
Acq: 24 Feb 2021 13:00

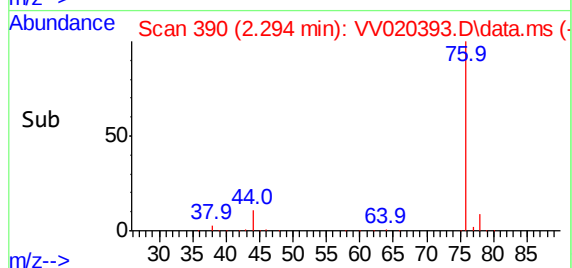
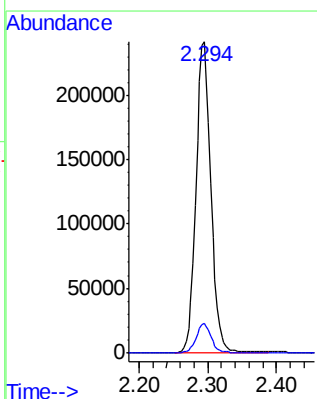
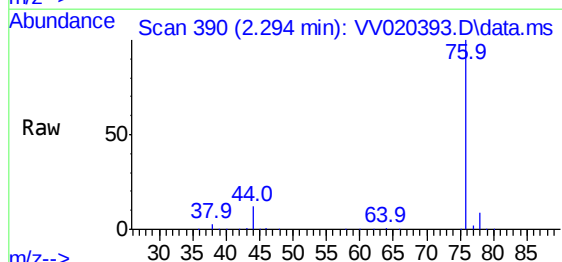
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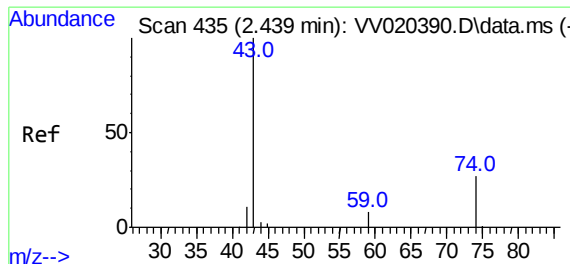
Tgt Ion: 43 Resp: 143803
Ion Ratio Lower Upper
43 100
58 15.1 0.0 67.4



#14
Carbon disulfide
Concen: 4.56 ug/L
RT: 2.294 min Scan# 390
Delta R.T. -0.000 min
Lab File: VV020393.D
Acq: 24 Feb 2021 13:00

Tgt Ion: 76 Resp: 363494
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3

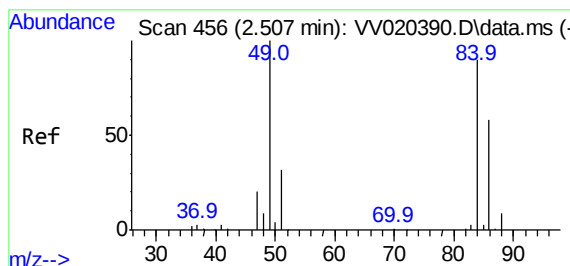
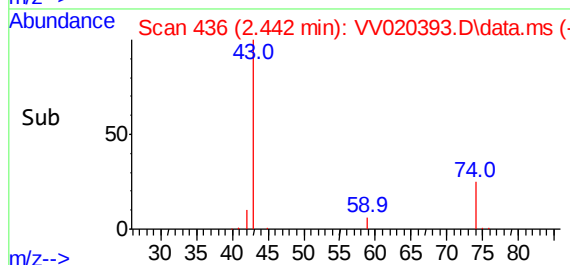
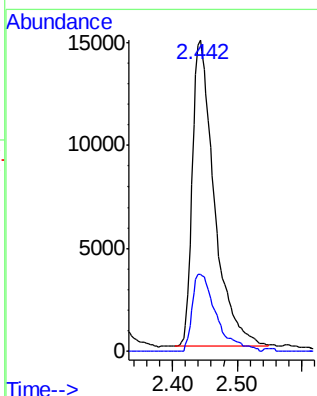
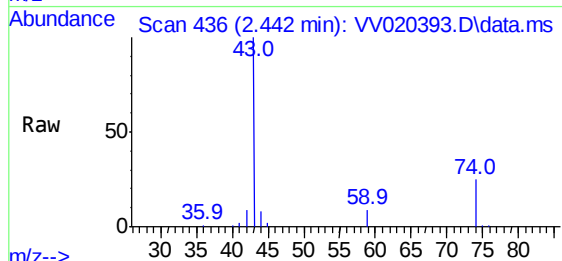




#15
Methyl Acetate
Concen: 4.47 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV020393.D
Acq: 24 Feb 2021 13:00

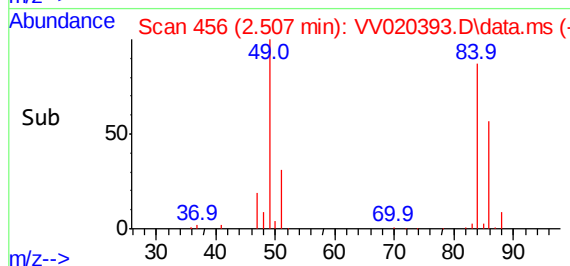
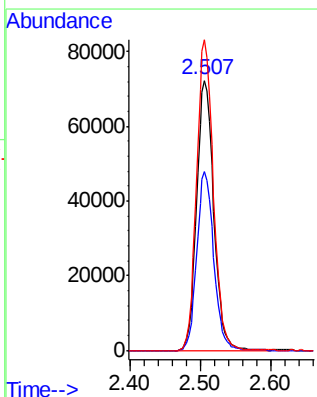
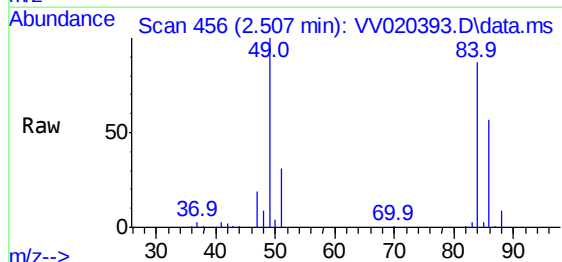
Instrument :
MSVOA_V
ClientSampleId :
VSTD005710

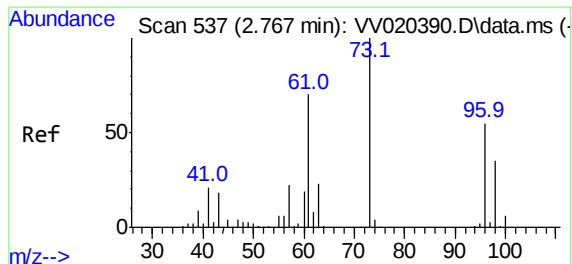
Tgt Ion: 43 Resp: 35462
Ion Ratio Lower Upper
43 100
74 27.2 20.1 30.1



#16
Methylene chloride
Concen: 3.87 ug/L
RT: 2.507 min Scan# 456
Delta R.T. -0.000 min
Lab File: VV020393.D
Acq: 24 Feb 2021 13:00

Tgt Ion: 84 Resp: 120992
Ion Ratio Lower Upper
84 100
86 66.1 47.2 87.6
49 115.0 81.9 152.1

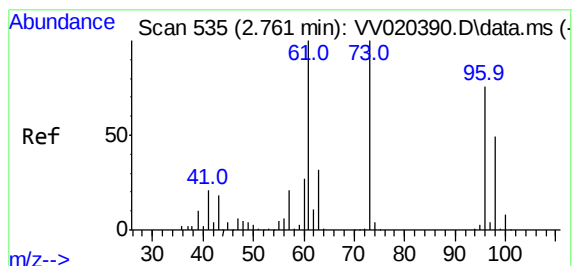
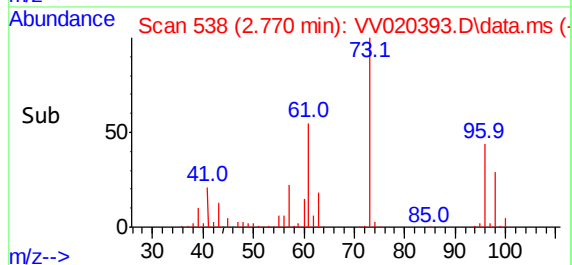
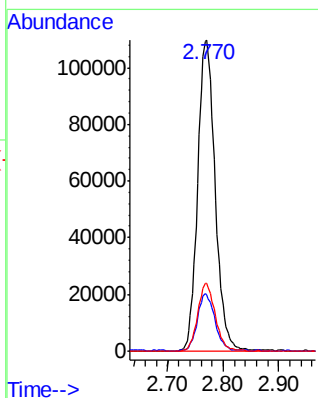
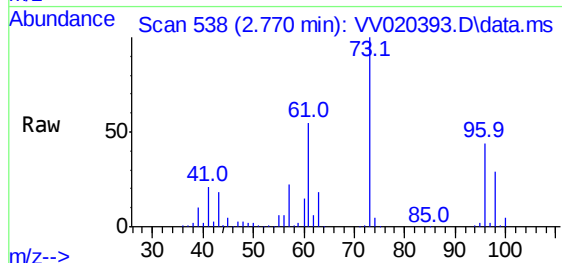




#17
Methyl tert-butyl Ether
Concen: 4.53 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV020393.D
Acq: 24 Feb 2021 13:00

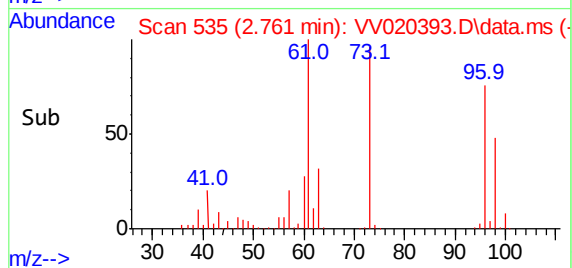
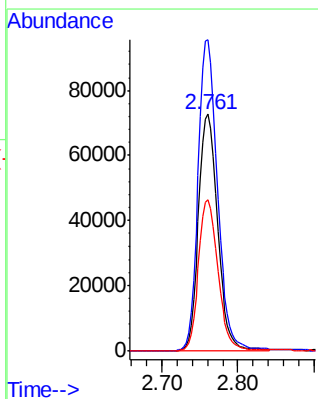
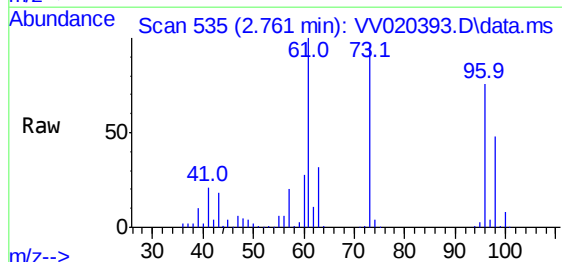
Instrument :
MSVOA_V
ClientSampleId :
VSTD005710

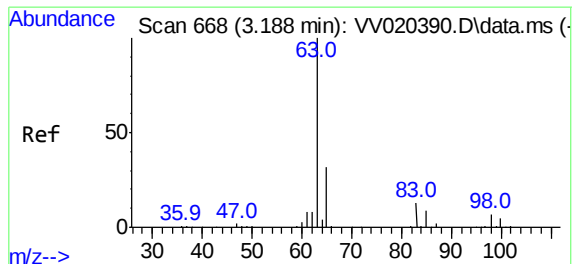
Tgt Ion: 73 Resp: 238161
Ion Ratio Lower Upper
73 100
43 18.6 15.3 22.9
57 21.5 17.0 25.6



#18
trans-1,2-Dichloroethene
Concen: 4.61 ug/L
RT: 2.761 min Scan# 535
Delta R.T. -0.000 min
Lab File: VV020393.D
Acq: 24 Feb 2021 13:00

Tgt Ion: 96 Resp: 126464
Ion Ratio Lower Upper
96 100
61 131.7 94.1 174.8
98 63.8 45.0 83.6

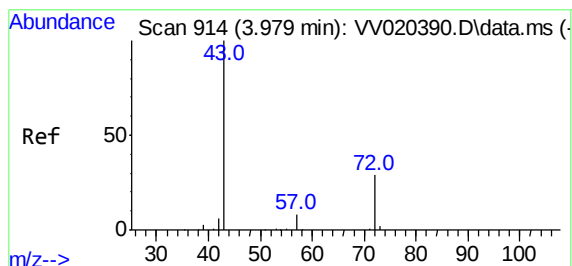
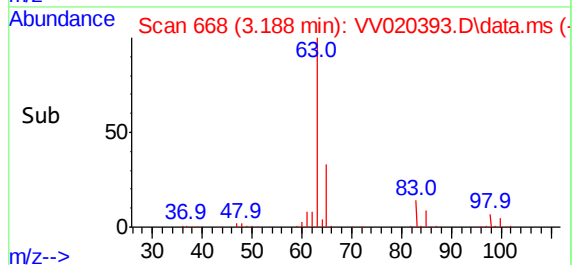
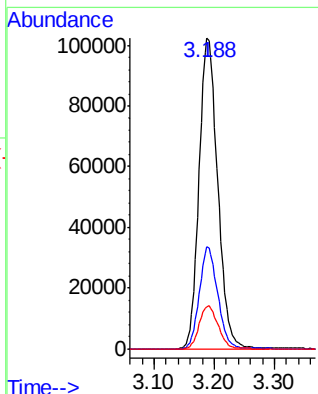
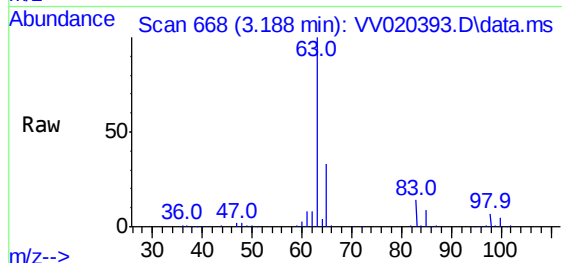




#19
1,1-Dichloroethane
Concen: 4.49 ug/L
RT: 3.188 min Scan# 668
Delta R.T. -0.000 min
Lab File: VV020393.D
Acq: 24 Feb 2021 13:00

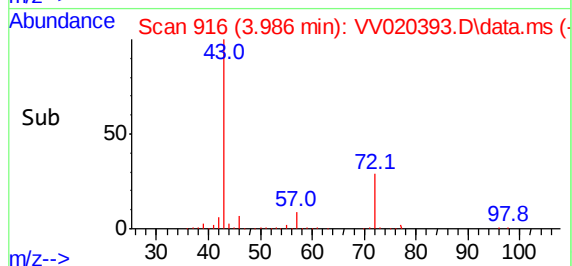
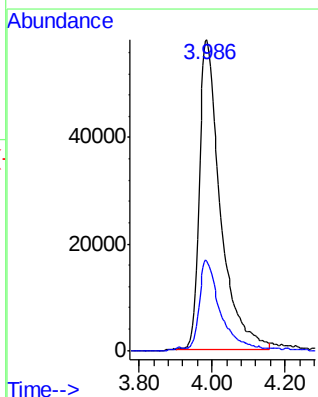
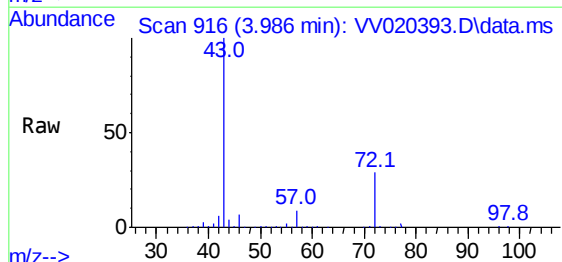
Instrument :
MSVOA_V
ClientSampleId :
VSTD005710

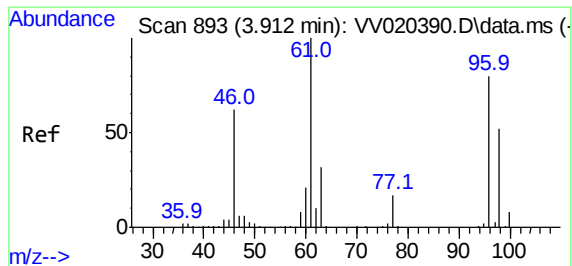
Tgt Ion: 63 Resp: 217841
Ion Ratio Lower Upper
63 100
65 32.9 22.3 41.5
83 13.7 9.7 17.9



#21
2-Butanone
Concen: 47.25 ug/L
RT: 3.986 min Scan# 916
Delta R.T. 0.006 min
Lab File: VV020393.D
Acq: 24 Feb 2021 13:00

Tgt Ion: 43 Resp: 232458
Ion Ratio Lower Upper
43 100
72 27.6 14.5 43.5

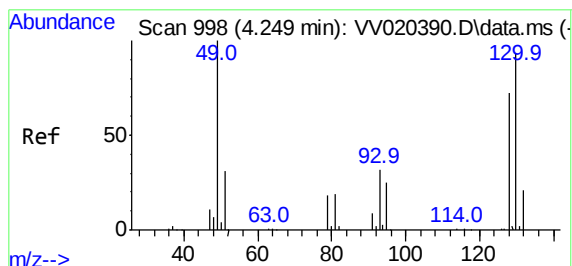
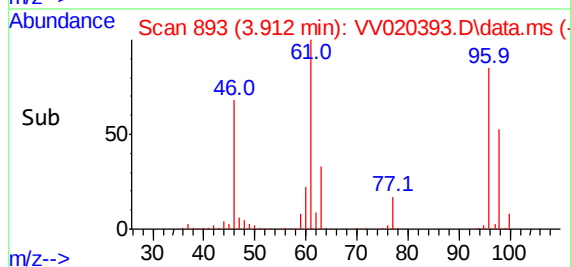
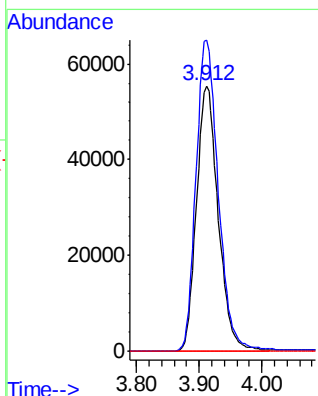
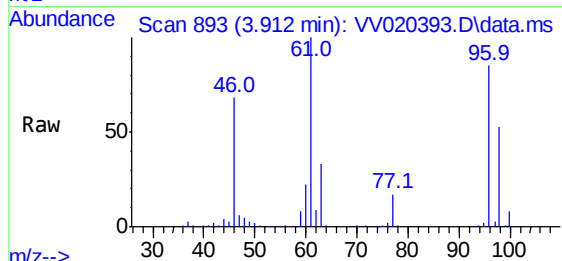




#22
 cis-1,2-Dichloroethene
 Concen: 4.60 ug/L
 RT: 3.912 min Scan# 893
 Delta R.T. -0.000 min
 Lab File: VV020393.D
 Acq: 24 Feb 2021 13:00

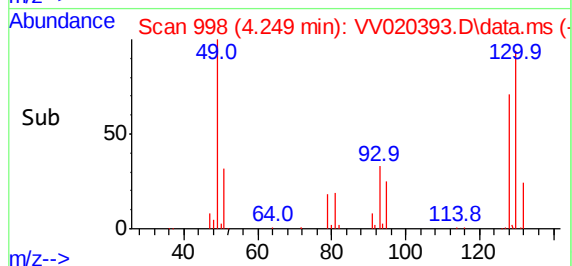
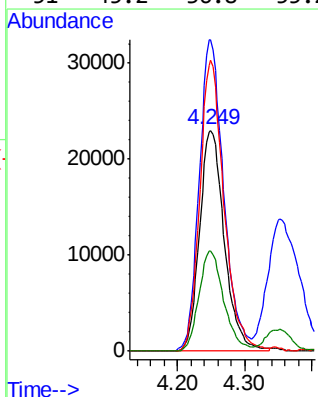
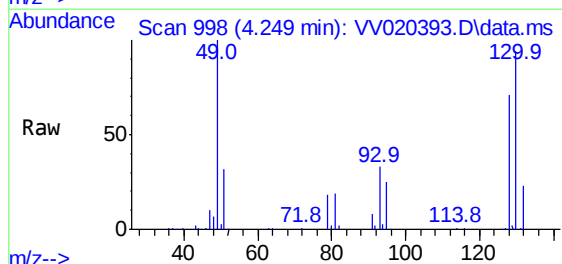
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005710

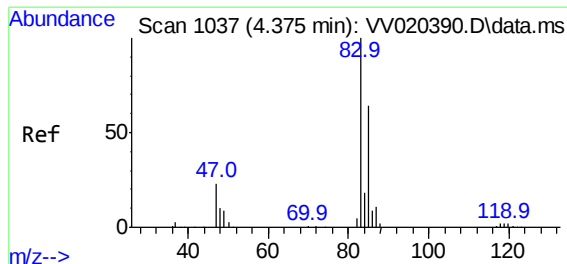
Tgt Ion: 96 Resp: 132216
 Ion Ratio Lower Upper
 96 100
 61 117.2 84.6 157.2
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 4.53 ug/L
 RT: 4.249 min Scan# 998
 Delta R.T. -0.000 min
 Lab File: VV020393.D
 Acq: 24 Feb 2021 13:00

Tgt Ion:128 Resp: 58422
 Ion Ratio Lower Upper
 128 100
 49 141.0 100.0 185.8
 130 132.0 87.4 162.2
 51 45.2 36.8 55.2

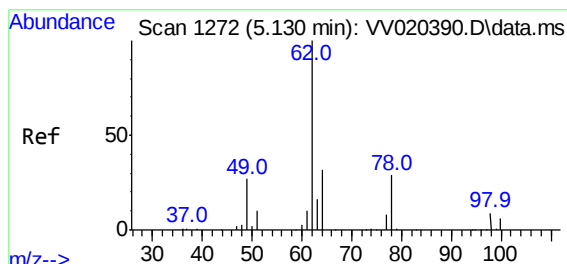
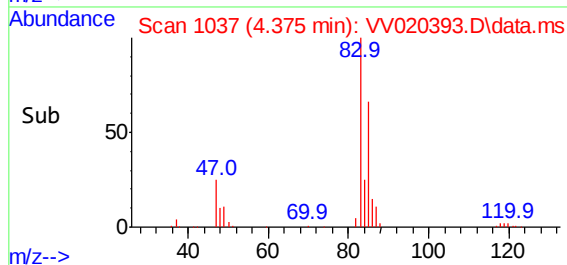
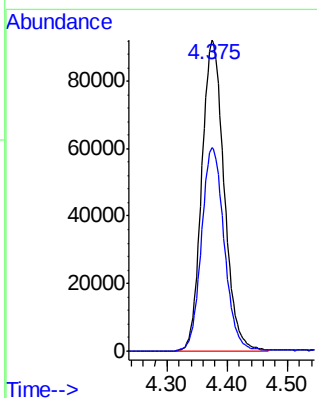
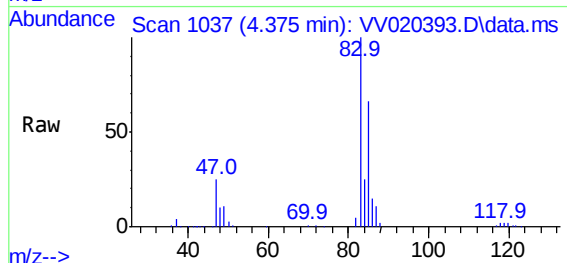




#25
Chloroform
Concen: 4.49 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VV020393.D
Acq: 24 Feb 2021 13:00

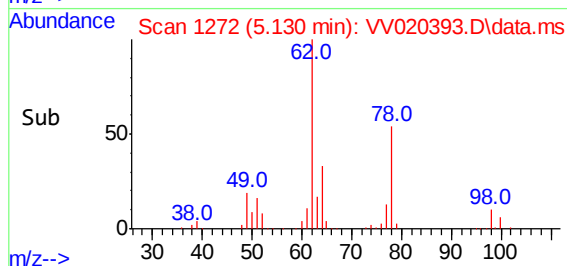
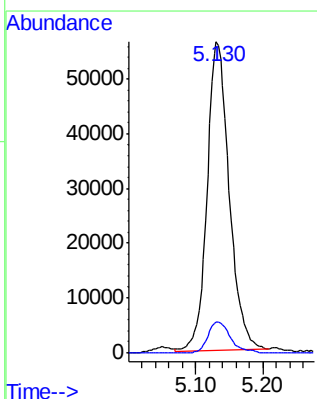
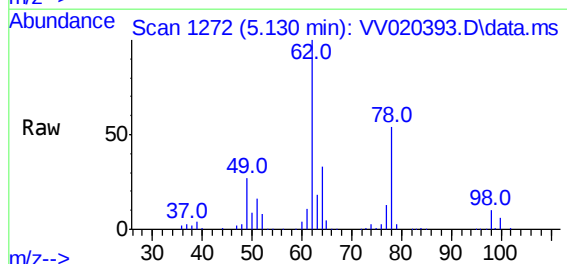
Instrument :
MSVOA_V
ClientSampleId :
VSTD005710

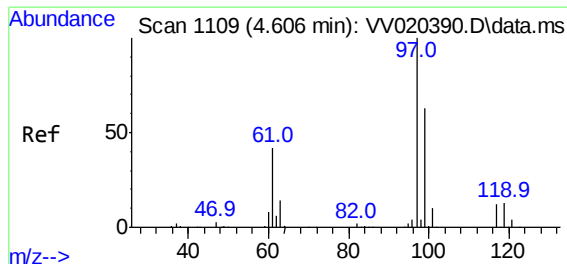
Tgt Ion: 83 Resp: 233377
Ion Ratio Lower Upper
83 100
85 65.6 46.4 86.2



#27
1,2-Dichloroethane
Concen: 4.55 ug/L
RT: 5.130 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VV020393.D
Acq: 24 Feb 2021 13:00

Tgt Ion: 62 Resp: 130190
Ion Ratio Lower Upper
62 100
98 9.6 8.0 12.0

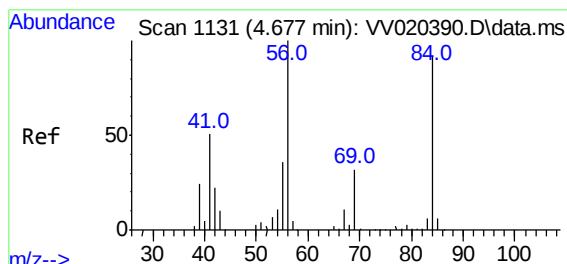
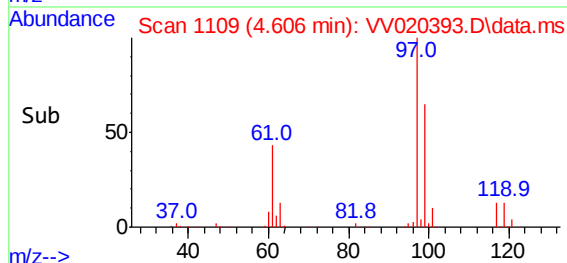
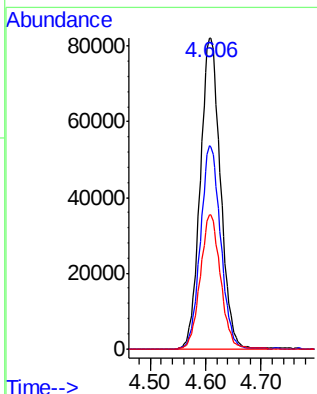
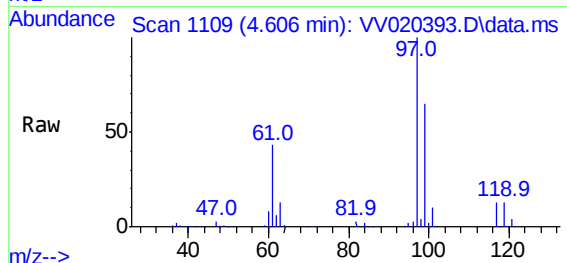




#29
1,1,1-Trichloroethane
Concen: 4.56 ug/L
RT: 4.606 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VV020393.D
Acq: 24 Feb 2021 13:00

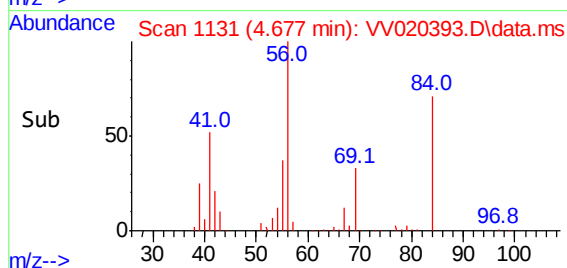
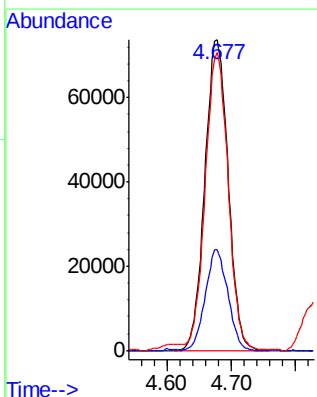
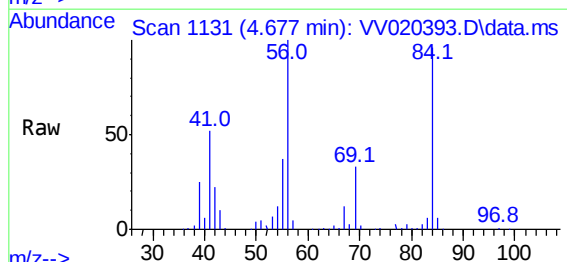
Instrument :
MSVOA_V
ClientSampleId :
VSTD005710

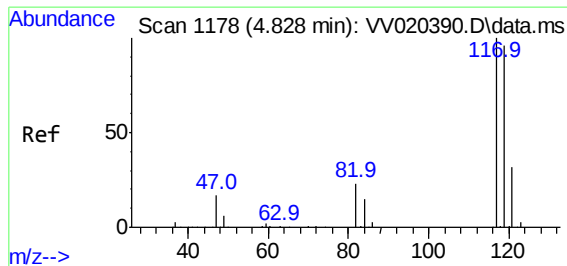
Tgt Ion: 97 Resp: 205568
Ion Ratio Lower Upper
97 100
99 65.2 50.6 75.8
61 43.2 33.2 49.8



#30
Cyclohexane
Concen: 4.51 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VV020393.D
Acq: 24 Feb 2021 13:00

Tgt Ion: 56 Resp: 184950
Ion Ratio Lower Upper
56 100
69 31.3 25.4 38.0
84 94.5 73.5 110.3

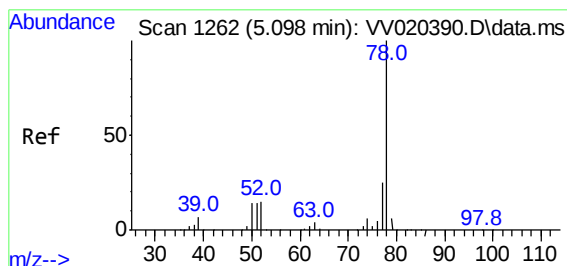
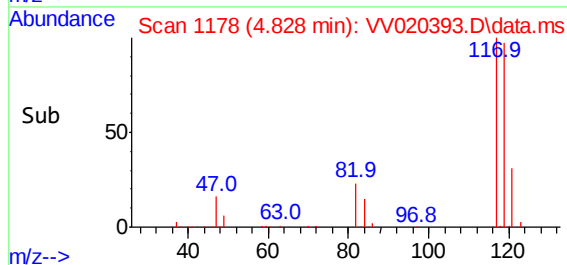
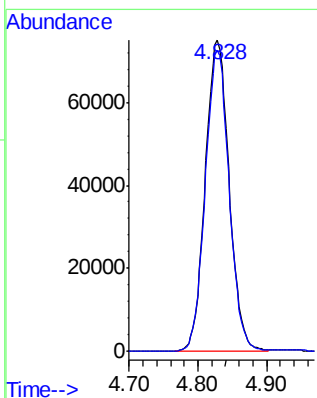
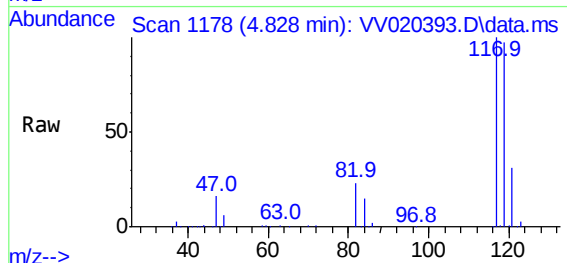




#31
Carbon tetrachloride
Concen: 4.60 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VV020393.D
Acq: 24 Feb 2021 13:00

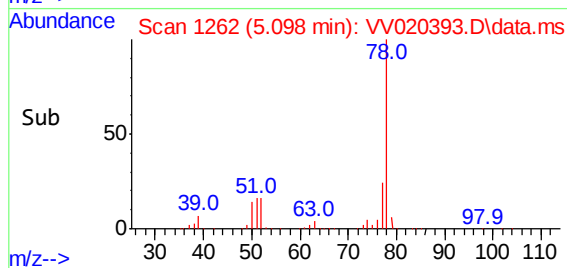
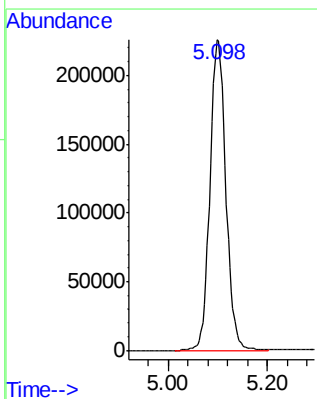
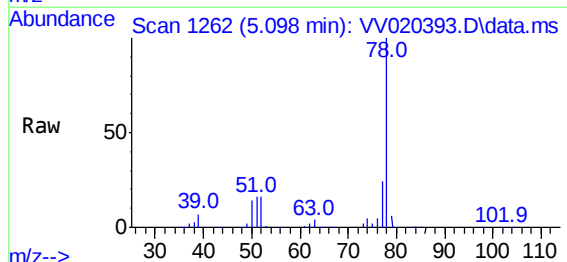
Instrument :
MSVOA_V
ClientSampleId :
VSTD005710

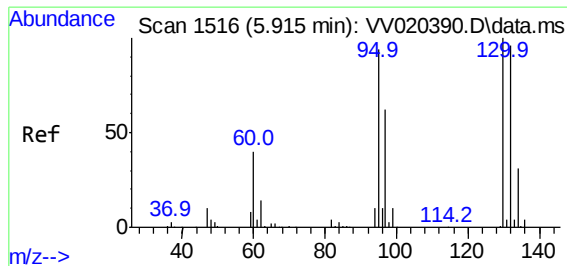
Tgt Ion:117 Resp: 180524
Ion Ratio Lower Upper
117 100
119 96.9 77.4 116.2



#33
Benzene
Concen: 4.59 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VV020393.D
Acq: 24 Feb 2021 13:00

Tgt Ion: 78 Resp: 501434

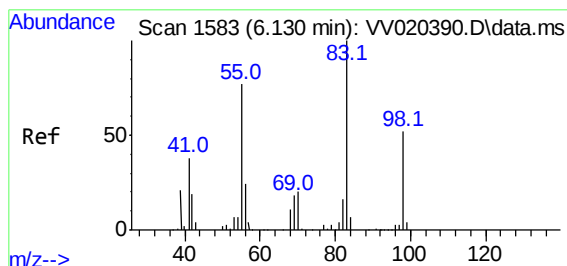
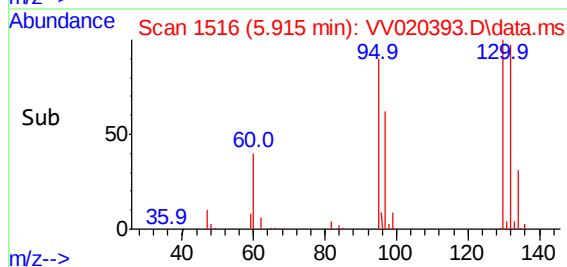
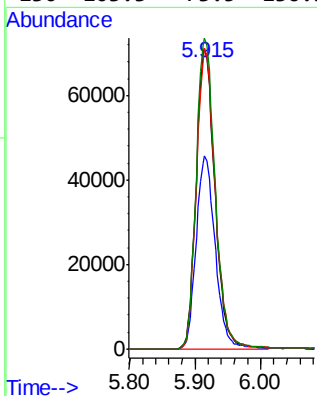
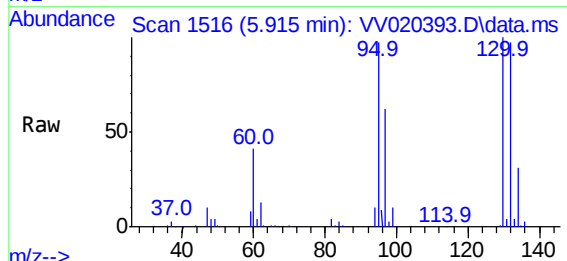




#34
Trichloroethene
Concen: 4.56 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VV020393.D
Acq: 24 Feb 2021 13:00

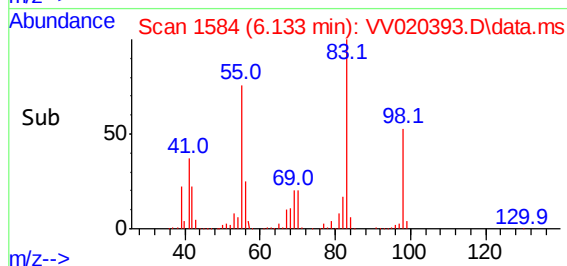
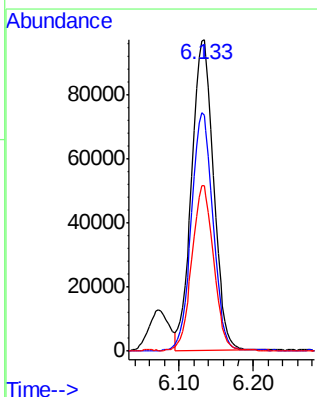
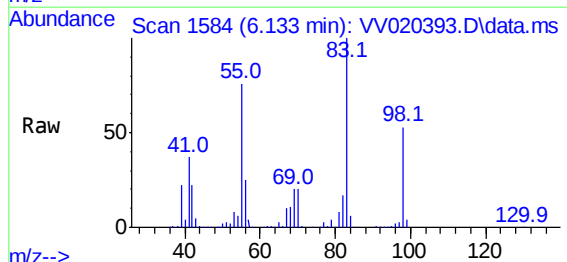
Instrument :
MSVOA_V
ClientSampleId :
VSTD005710

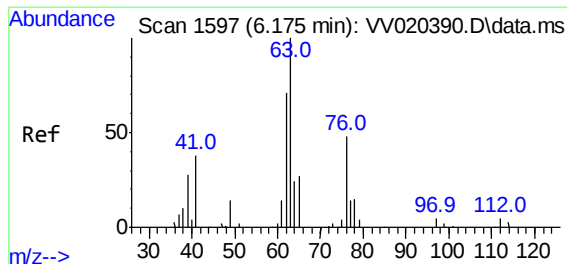
Tgt Ion: 95 Resp: 140028
Ion Ratio Lower Upper
95 100
97 64.1 45.1 83.9
132 99.9 71.5 132.9
130 103.3 73.5 136.5



#35
Methylcyclohexane
Concen: 4.45 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.003 min
Lab File: VV020393.D
Acq: 24 Feb 2021 13:00

Tgt Ion: 83 Resp: 200676
Ion Ratio Lower Upper
83 100
55 75.1 59.1 88.7
98 52.4 40.1 60.1

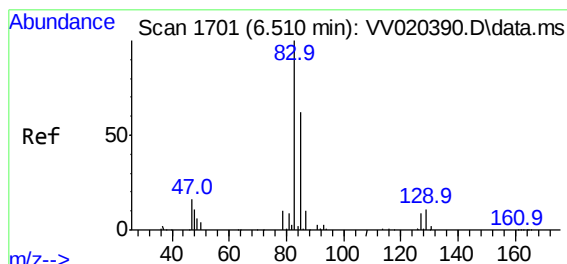
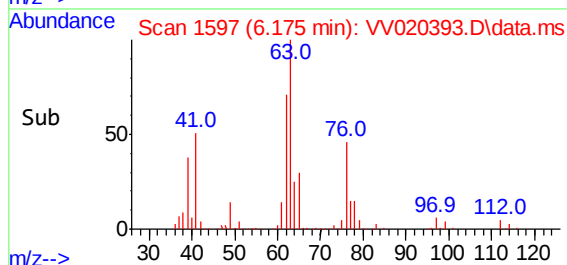
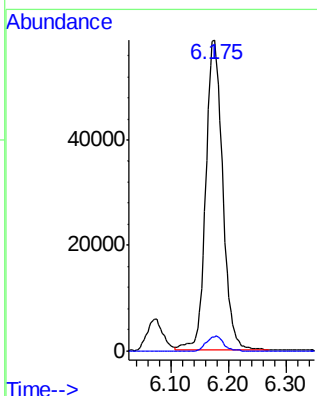
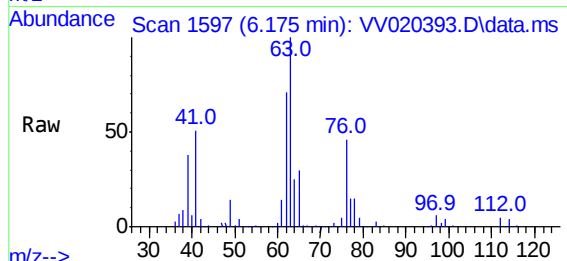




#37
1,2-Dichloropropane
Concen: 4.58 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VV020393.D
Acq: 24 Feb 2021 13:00

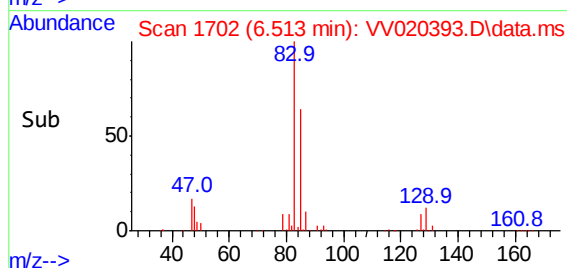
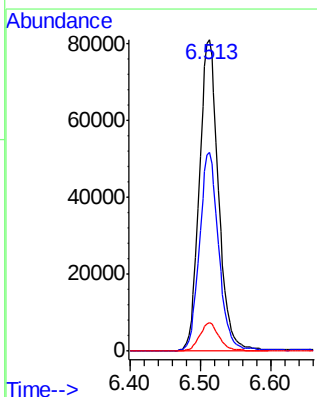
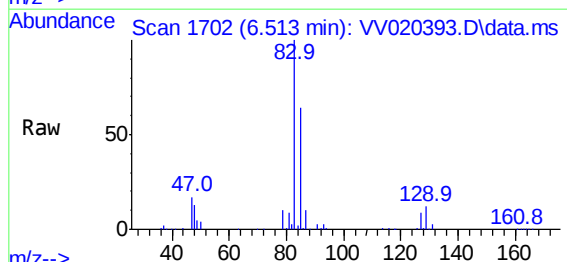
Instrument :
MSVOA_V
ClientSampleId :
VSTD005710

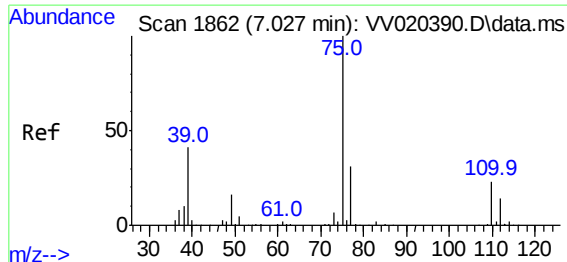
Tgt Ion: 63 Resp: 118981
Ion Ratio Lower Upper
63 100
112 4.7 3.8 5.8



#38
Bromodichloromethane
Concen: 4.57 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VV020393.D
Acq: 24 Feb 2021 13:00

Tgt Ion: 83 Resp: 152035
Ion Ratio Lower Upper
83 100
85 63.6 43.0 79.8
127 9.1 7.0 10.6

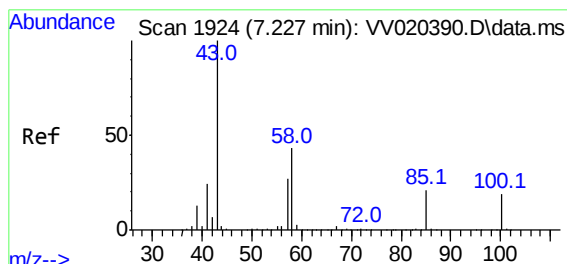
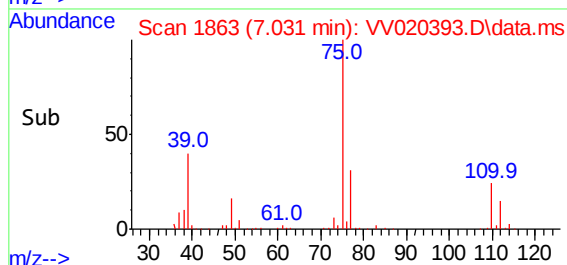
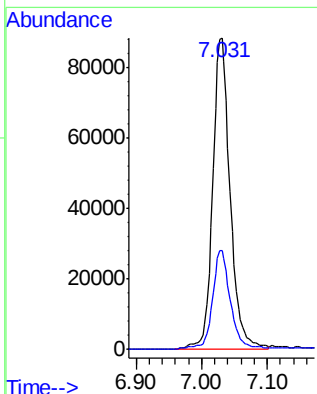
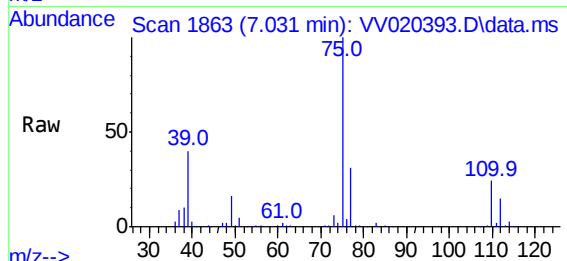




#39
cis-1,3-Dichloropropene
Concen: 4.56 ug/L
RT: 7.031 min Scan# 1863
Delta R.T. 0.003 min
Lab File: VV020393.D
Acq: 24 Feb 2021 13:00

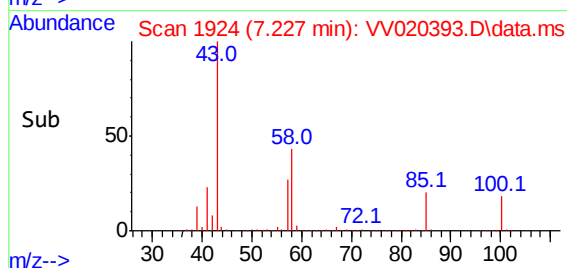
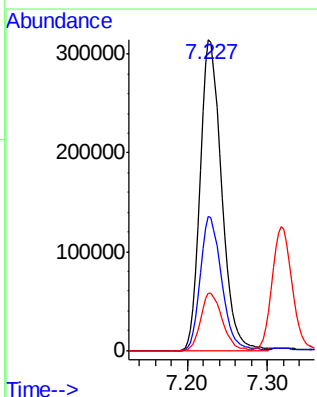
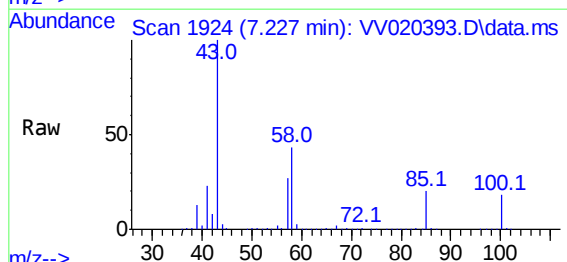
Instrument :
MSVOA_V
ClientSampleId :
VSTD005710

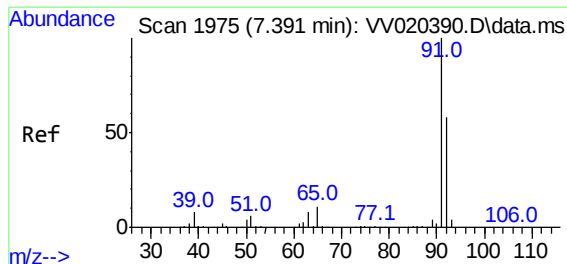
Tgt Ion: 75 Resp: 162961
Ion Ratio Lower Upper
75 100
77 31.4 22.5 41.9



#40
4-Methyl-2-pentanone
Concen: 45.28 ug/L
RT: 7.227 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VV020393.D
Acq: 24 Feb 2021 13:00

Tgt Ion: 43 Resp: 561004
Ion Ratio Lower Upper
43 100
58 43.0 34.1 51.1
100 18.5 14.6 21.8

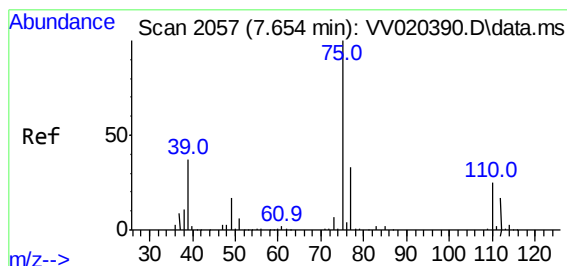
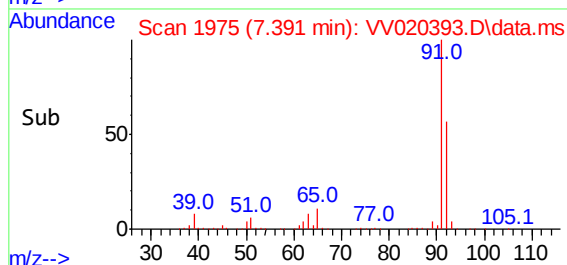
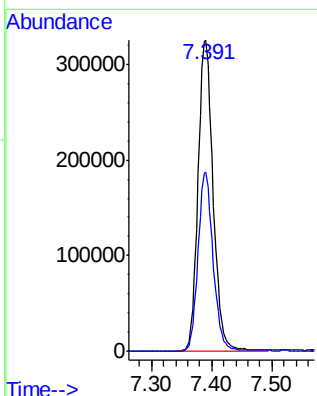
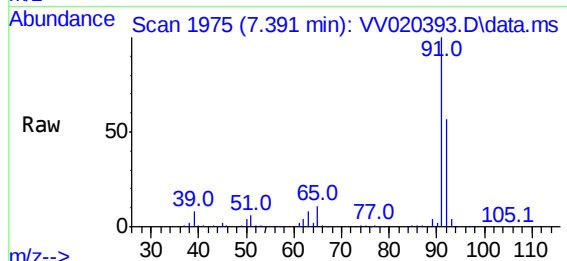




#42
Toluene
Concen: 4.68 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. -0.000 min
Lab File: VV020393.D
Acq: 24 Feb 2021 13:00

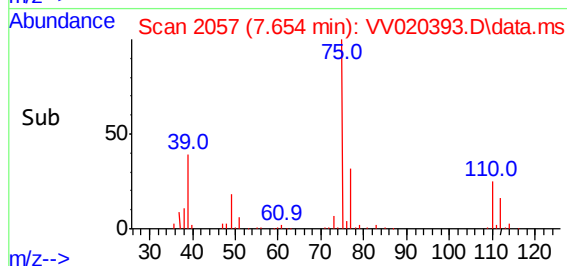
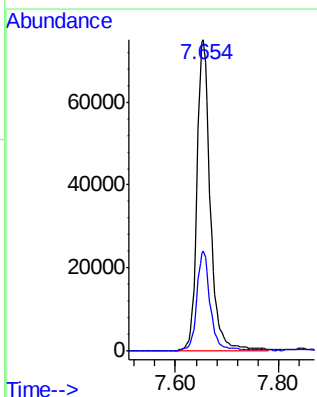
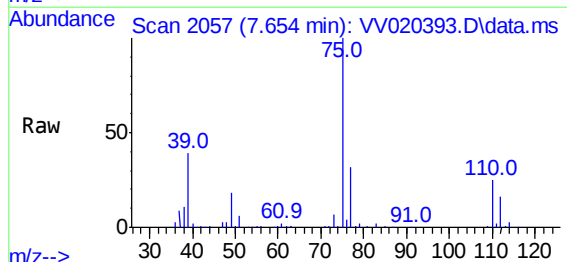
Instrument :
MSVOA_V
ClientSampleId :
VSTD005710

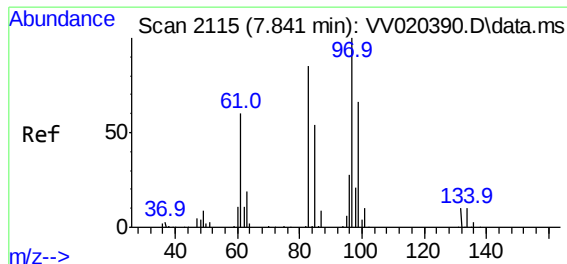
Tgt Ion: 91 Resp: 560398
Ion Ratio Lower Upper
91 100
92 57.5 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 4.67 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VV020393.D
Acq: 24 Feb 2021 13:00

Tgt Ion: 75 Resp: 134576
Ion Ratio Lower Upper
75 100
77 32.1 22.9 42.5



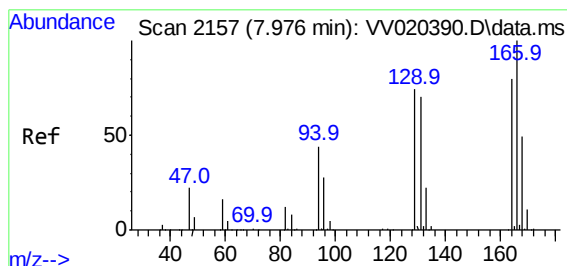
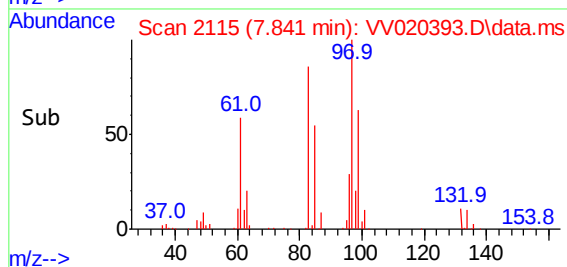
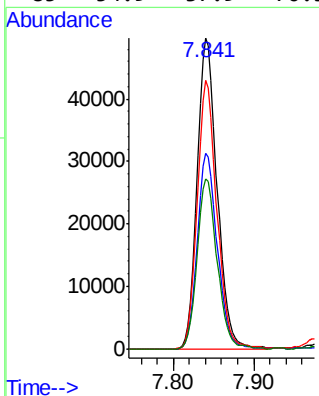
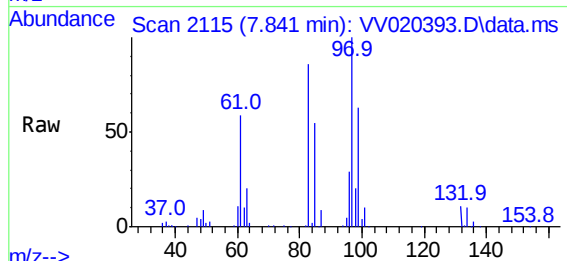


#45
1,1,2-Trichloroethane
Concen: 4.51 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VV020393.D
Acq: 24 Feb 2021 13:00

Instrument :
MSVOA_V
ClientSampleId :
VSTD005710

Tgt Ion: 97 Resp: 84020

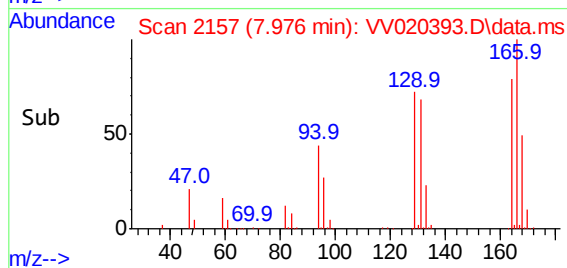
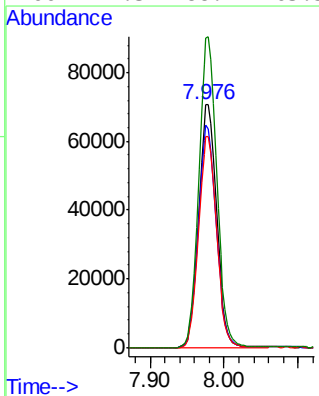
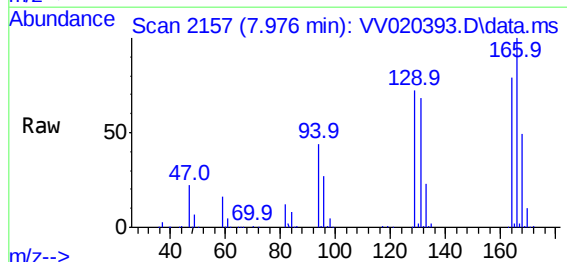
Ion	Ratio	Lower	Upper
97	100		
99	63.0	44.1	81.9
83	86.3	59.4	110.4
85	54.9	37.9	70.5

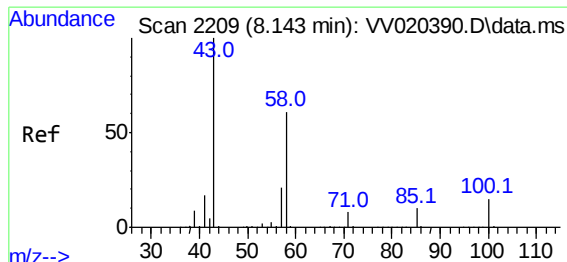


#47
Tetrachloroethene
Concen: 4.57 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV020393.D
Acq: 24 Feb 2021 13:00

Tgt Ion: 164 Resp: 119382

Ion	Ratio	Lower	Upper
164	100		
129	91.5	65.0	120.6
131	86.7	61.8	114.8
166	127.3	88.1	163.5

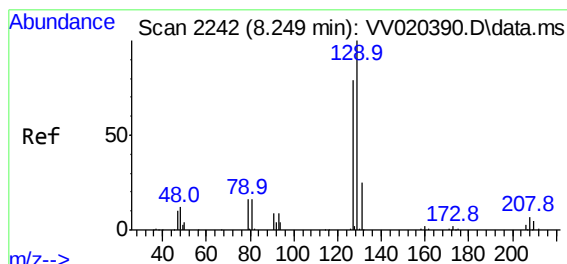
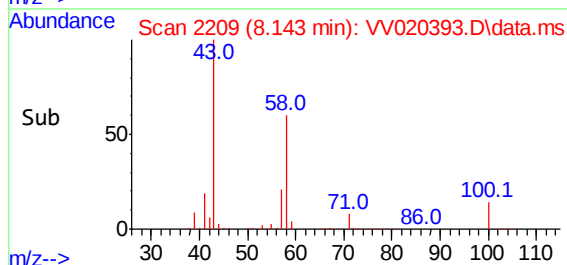
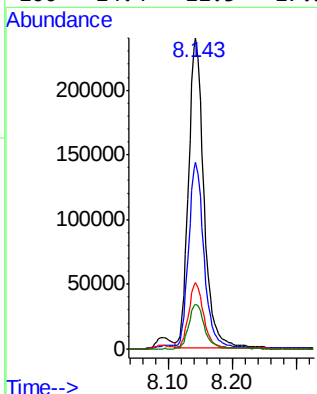
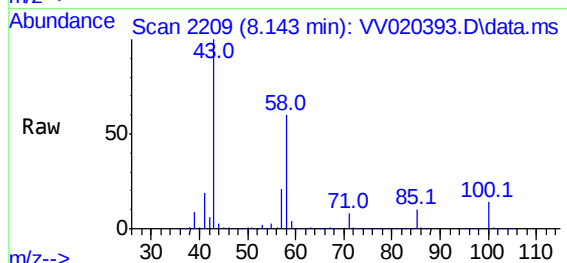




#48
2-Hexanone
Concen: 45.88 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VV020393.D
Acq: 24 Feb 2021 13:00

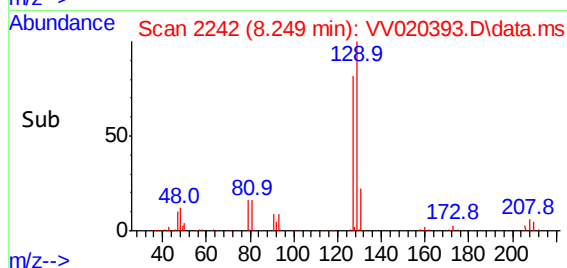
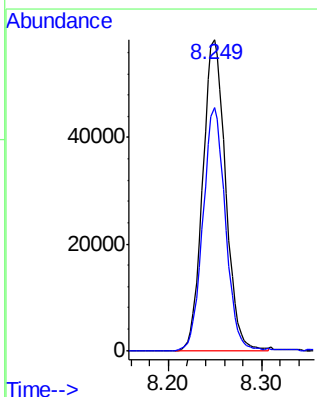
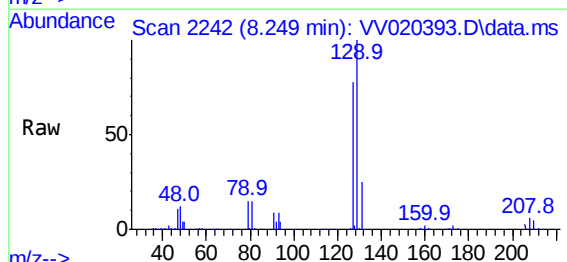
Instrument :
MSVOA_V
ClientSampleId :
VSTD005710

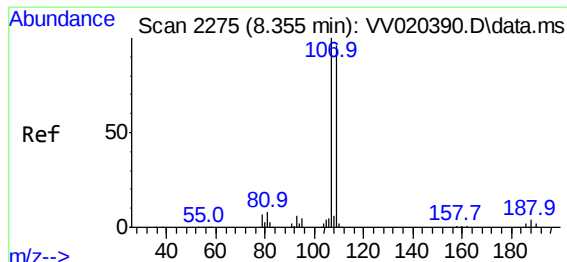
Tgt Ion: 43 Resp: 402210
Ion Ratio Lower Upper
43 100
58 60.6 47.8 71.8
57 20.9 16.6 24.8
100 14.4 11.5 17.3



#49
Dibromochloromethane
Concen: 4.62 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VV020393.D
Acq: 24 Feb 2021 13:00

Tgt Ion: 129 Resp: 99531
Ion Ratio Lower Upper
129 100
127 78.3 53.6 99.6

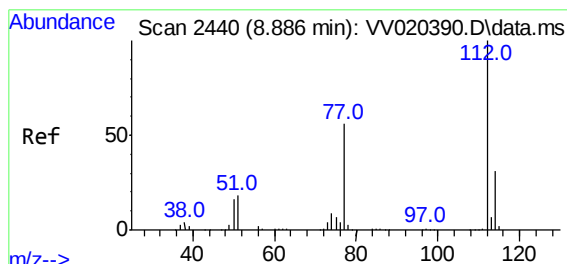
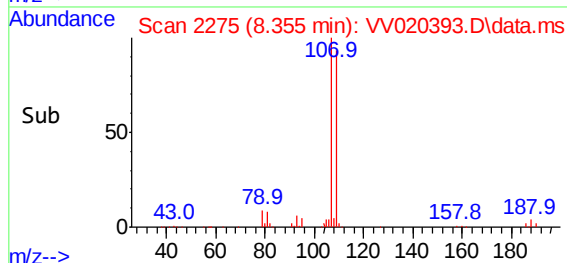
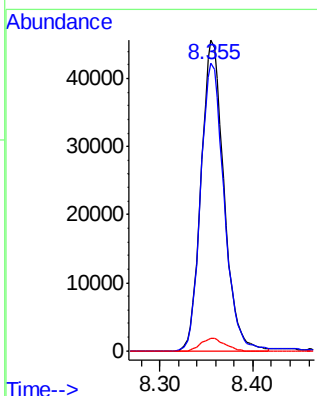
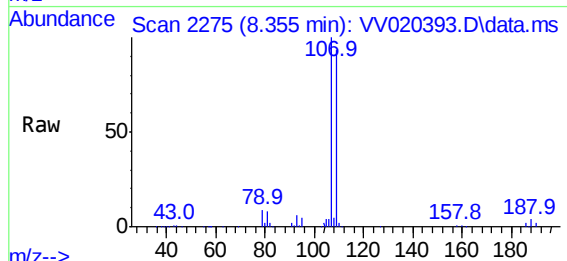




#50
1,2-Dibromoethane
Concen: 4.45 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. -0.000 min
Lab File: VV020393.D
Acq: 24 Feb 2021 13:00

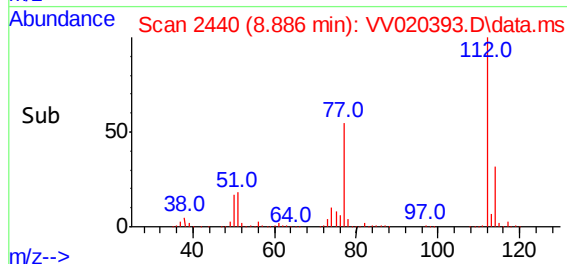
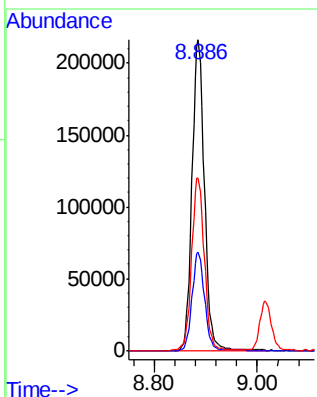
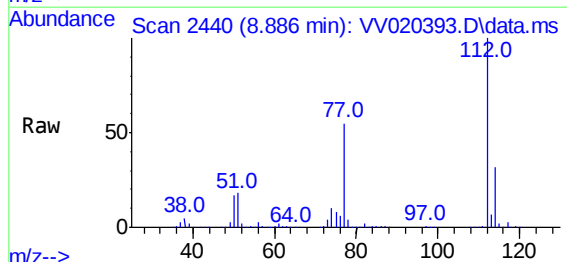
Instrument :
MSVOA_V
ClientSampleId :
VSTD005710

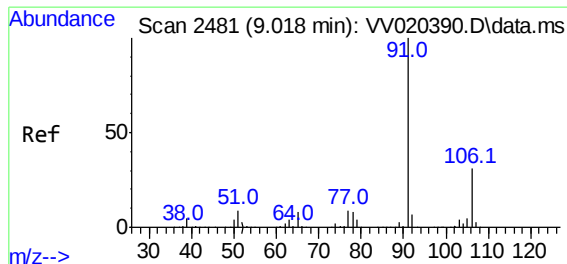
Tgt Ion:107 Resp: 77627
Ion Ratio Lower Upper
107 100
109 92.7 66.6 123.8
188 3.9 3.3 4.9



#51
Chlorobenzene
Concen: 4.57 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. -0.000 min
Lab File: VV020393.D
Acq: 24 Feb 2021 13:00

Tgt Ion:112 Resp: 361665
Ion Ratio Lower Upper
112 100
114 31.6 22.4 41.6
77 55.4 45.0 67.4

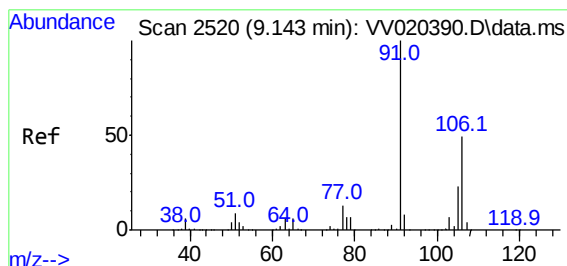
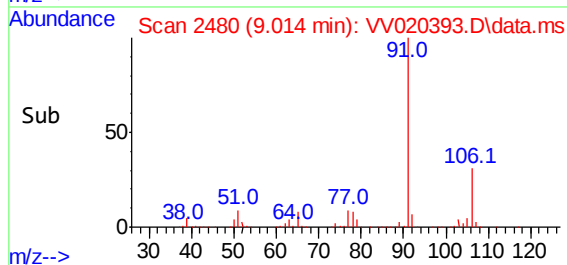
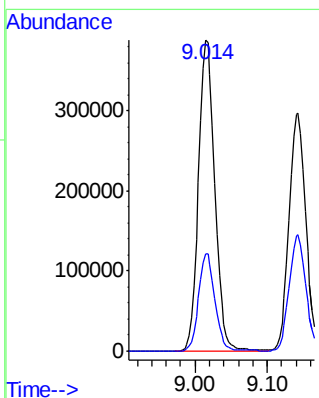
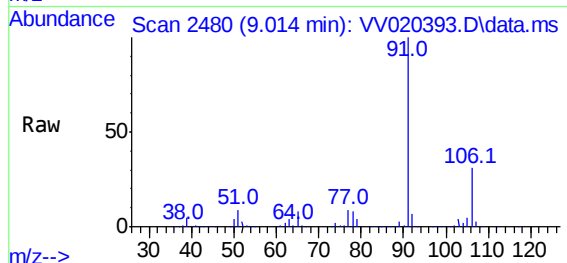




#52
Ethylbenzene
Concen: 4.61 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. -0.003 min
Lab File: VV020393.D
Acq: 24 Feb 2021 13:00

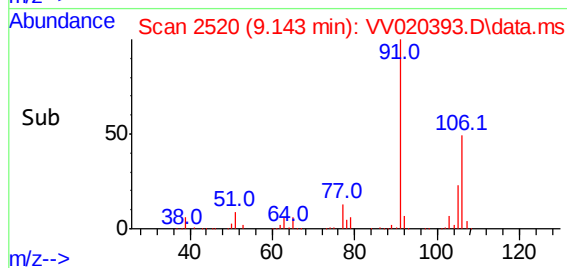
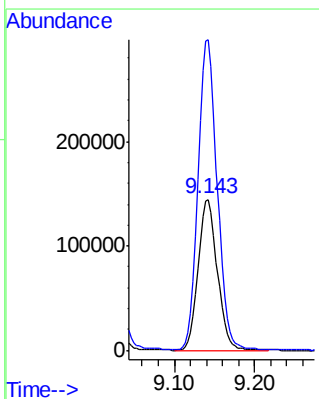
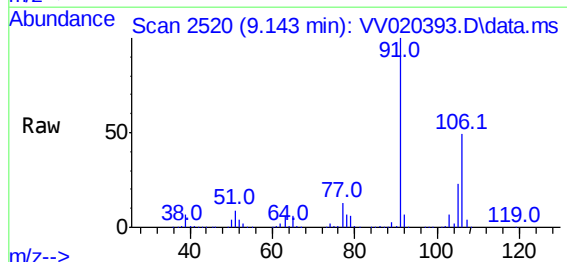
Instrument :
MSVOA_V
ClientSampleId :
VSTD005710

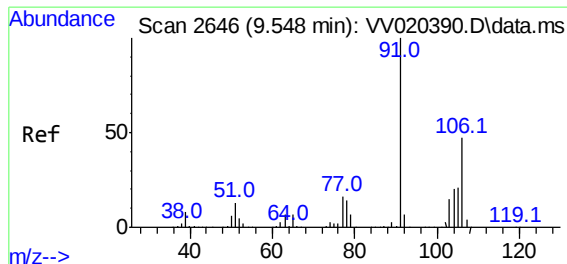
Tgt Ion: 91 Resp: 608414
Ion Ratio Lower Upper
91 100
106 31.2 21.6 40.2



#53
m,p-xylene
Concen: 4.60 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VV020393.D
Acq: 24 Feb 2021 13:00

Tgt Ion: 106 Resp: 233369
Ion Ratio Lower Upper
106 100
91 205.3 141.3 262.3

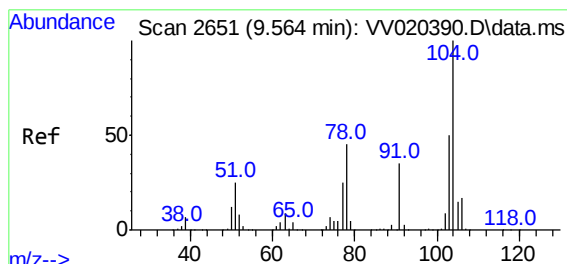
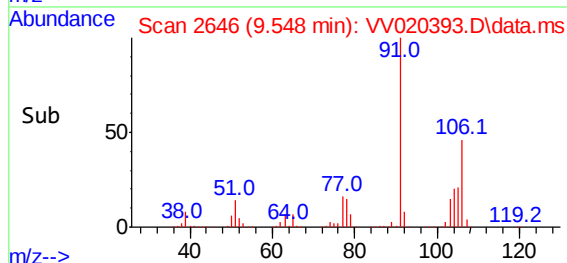
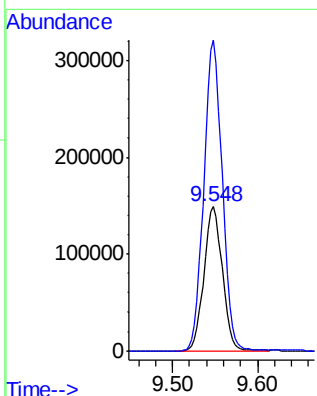
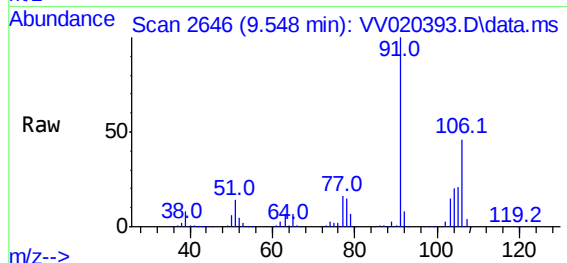




#54
o-xylene
Concen: 4.69 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. -0.000 min
Lab File: VV020393.D
Acq: 24 Feb 2021 13:00

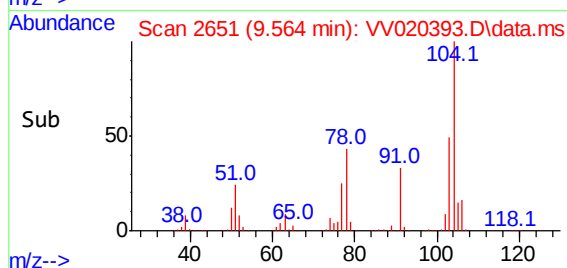
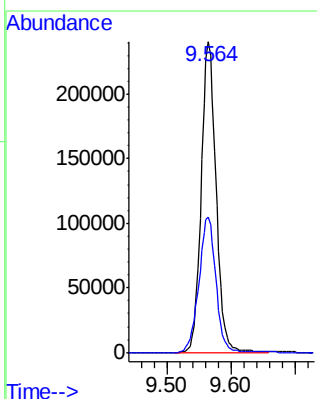
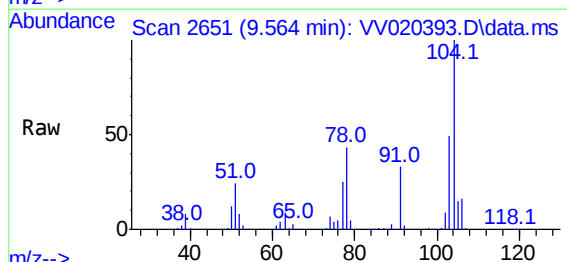
Instrument :
MSVOA_V
ClientSampleId :
VSTD005710

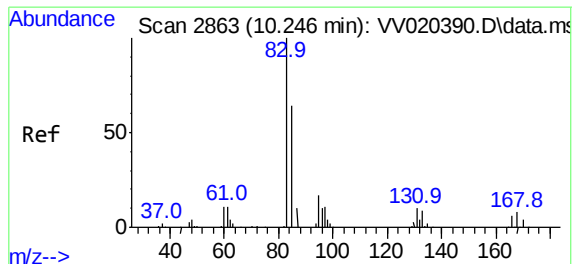
Tgt Ion:106 Resp: 224147
Ion Ratio Lower Upper
106 100
91 215.6 149.5 277.7



#55
Styrene
Concen: 4.80 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. -0.000 min
Lab File: VV020393.D
Acq: 24 Feb 2021 13:00

Tgt Ion:104 Resp: 383359
Ion Ratio Lower Upper
104 100
78 43.4 31.9 59.2

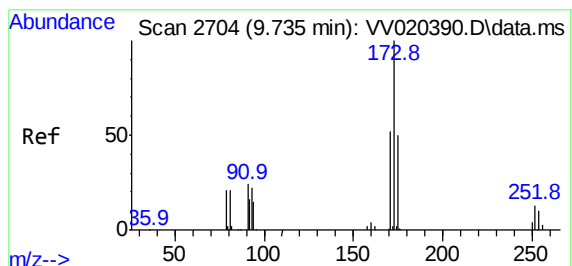
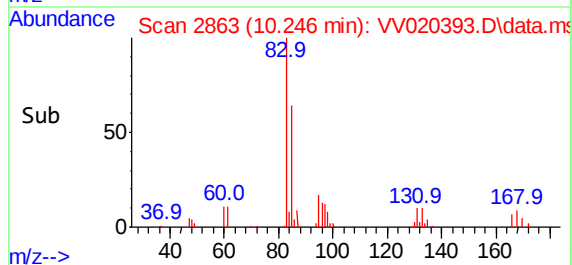
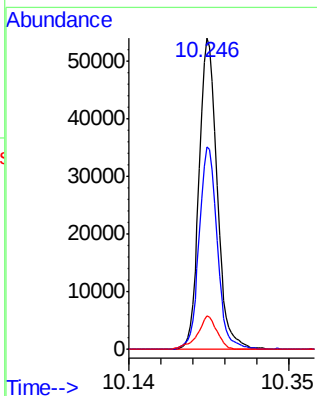
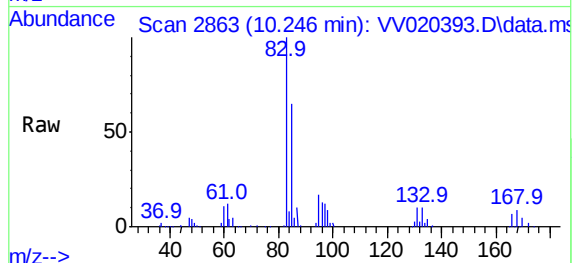




#57
1,1,2,2-Tetrachloroethane
Concen: 4.48 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. -0.000 min
Lab File: VV020393.D
Acq: 24 Feb 2021 13:00

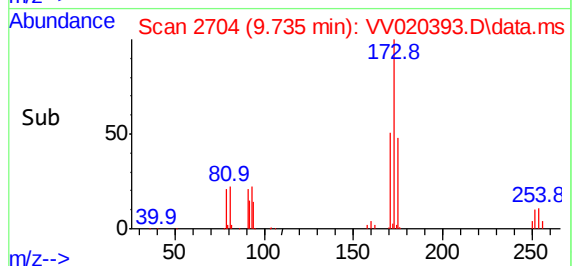
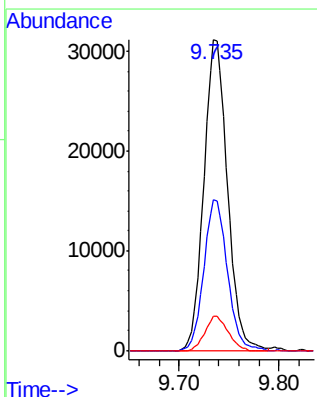
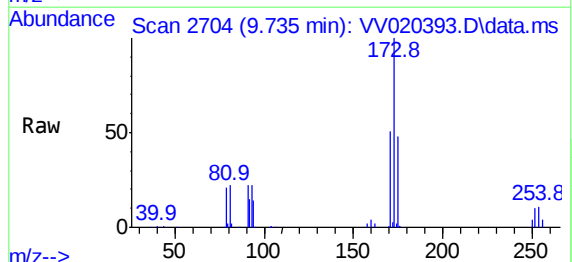
Instrument :
MSVOA_V
ClientSampleId :
VSTD005710

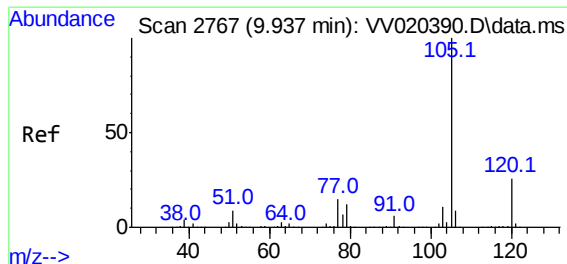
Tgt Ion:	83	Resp:	87408
Ion	Ratio	Lower	Upper
83	100		
85	64.9	44.6	82.8
131	10.5	8.4	12.6



#59
Bromoform
Concen: 4.58 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. -0.000 min
Lab File: VV020393.D
Acq: 24 Feb 2021 13:00

Tgt Ion:	173	Resp:	51001
Ion	Ratio	Lower	Upper
173	100		
175	48.5	38.9	58.3
254	10.6	8.3	12.5

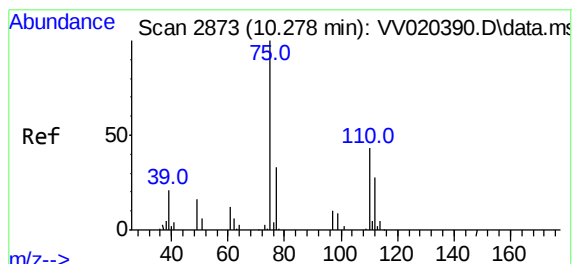
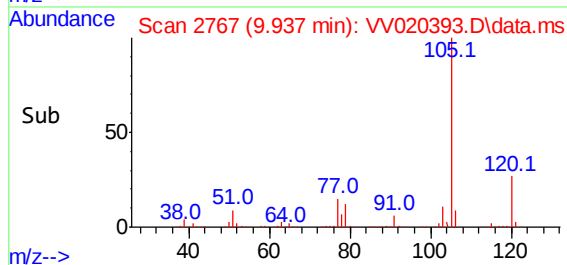
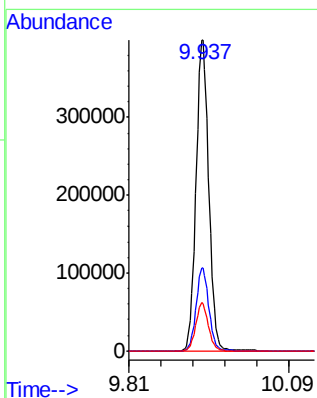
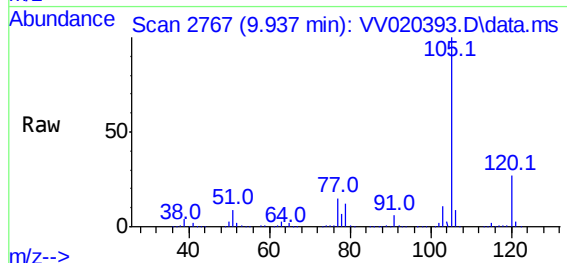




#60
Isopropylbenzene
Concen: 4.71 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. -0.000 min
Lab File: VV020393.D
Acq: 24 Feb 2021 13:00

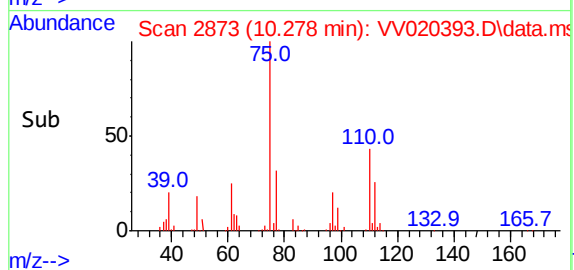
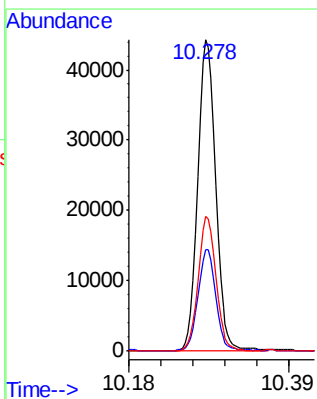
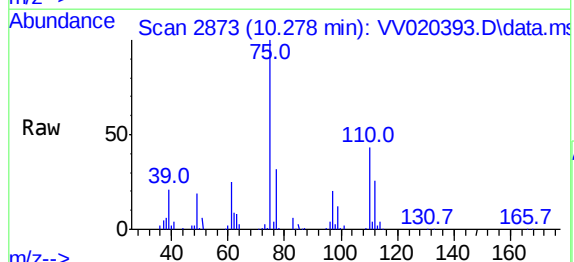
Instrument :
MSVOA_V
ClientSampleId :
VSTD005710

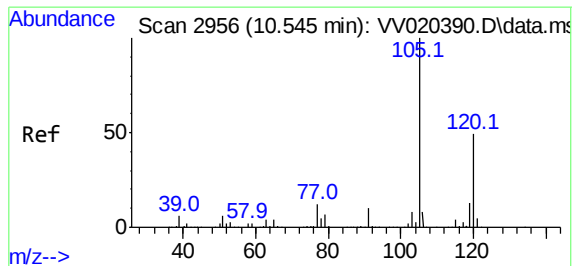
Tgt Ion:105 Resp: 612945
Ion Ratio Lower Upper
105 100
120 26.6 21.7 32.5
77 15.1 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 4.44 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. -0.000 min
Lab File: VV020393.D
Acq: 24 Feb 2021 13:00

Tgt Ion: 75 Resp: 69715
Ion Ratio Lower Upper
75 100
77 32.1 26.1 39.1
110 42.5 33.2 49.8

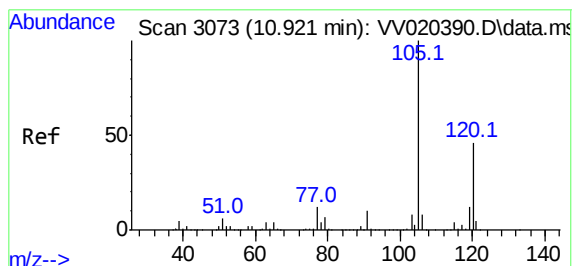
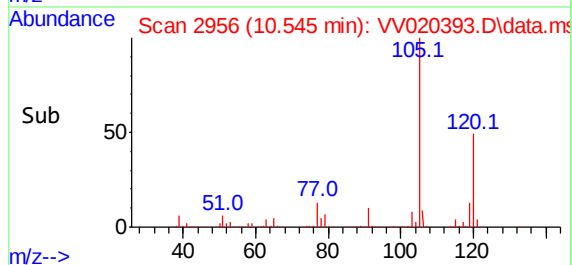
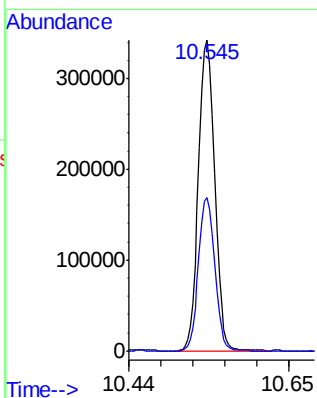
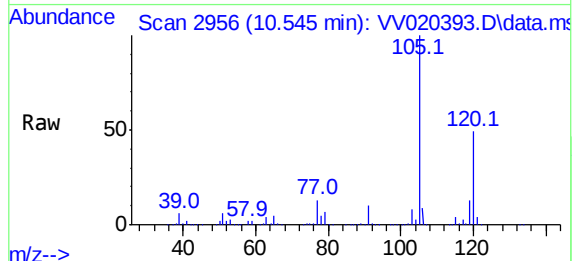




#62
1,3,5-Trimethylbenzene
Concen: 4.73 ug/L
RT: 10.545 min Scan# 2956
Delta R.T. -0.000 min
Lab File: VV020393.D
Acq: 24 Feb 2021 13:00

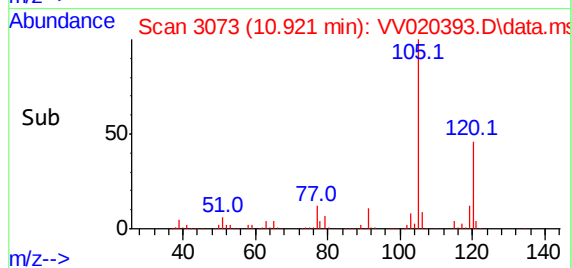
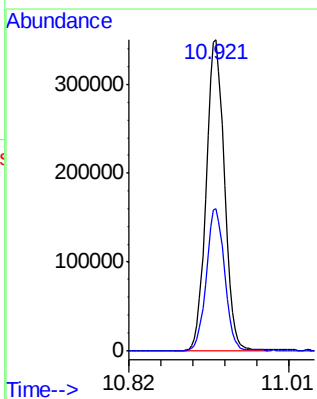
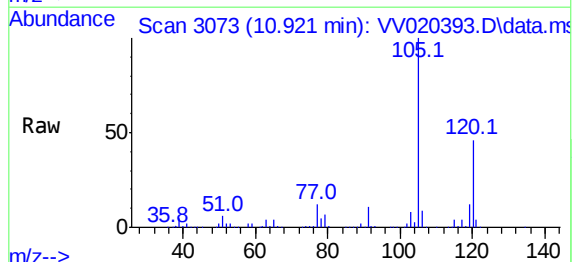
Instrument :
MSVOA_V
ClientSampleId :
VSTD005710

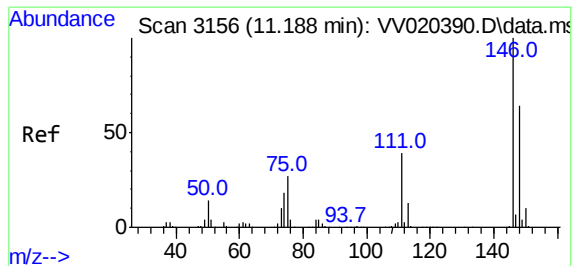
Tgt Ion:105 Resp: 504754
Ion Ratio Lower Upper
105 100
120 49.4 39.4 59.0



#63
1,2,4-Trimethylbenzene
Concen: 4.82 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. -0.000 min
Lab File: VV020393.D
Acq: 24 Feb 2021 13:00

Tgt Ion:105 Resp: 518464
Ion Ratio Lower Upper
105 100
120 45.8 36.7 55.1

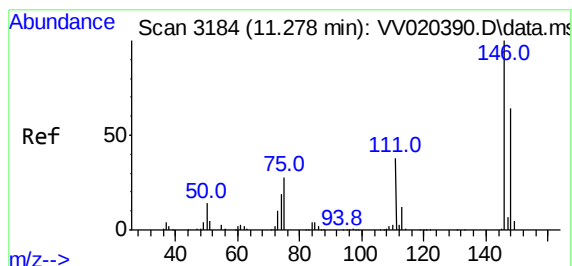
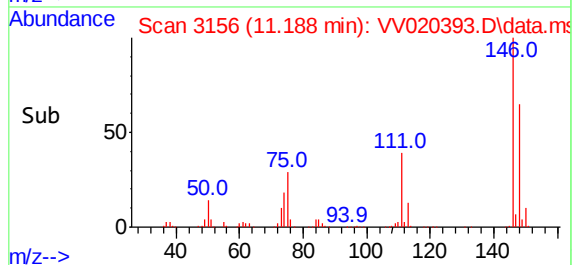
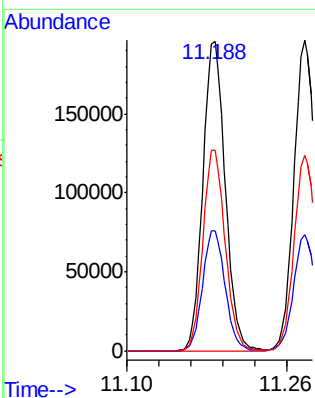
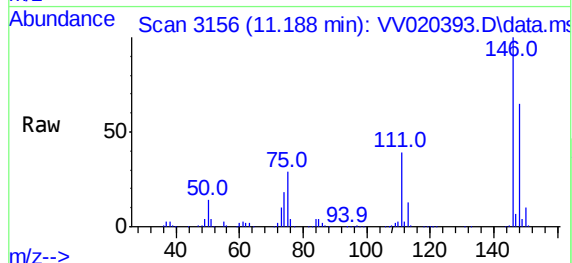




#64
1,3-Dichlorobenzene
Concen: 4.58 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. -0.000 min
Lab File: VV020393.D
Acq: 24 Feb 2021 13:00

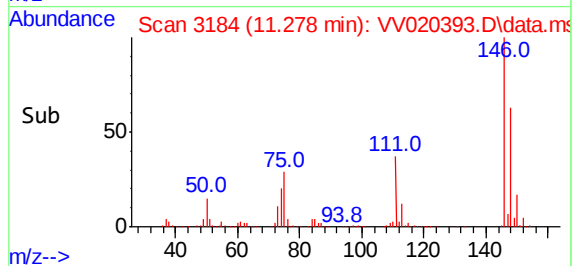
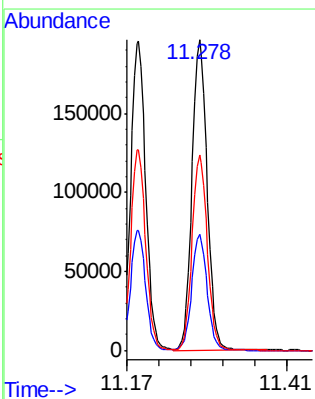
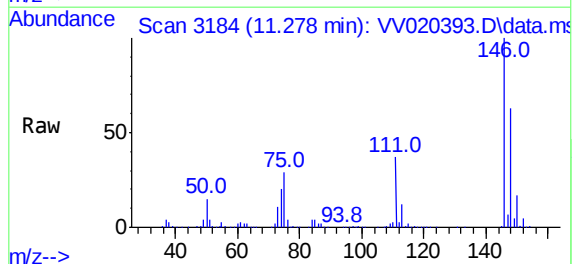
Instrument :
MSVOA_V
ClientSampleId :
VSTD005710

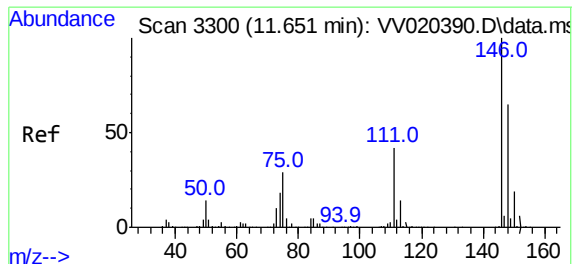
Tgt Ion:146 Resp: 304692
Ion Ratio Lower Upper
146 100
111 38.7 26.8 49.8
148 64.9 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 4.56 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. -0.000 min
Lab File: VV020393.D
Acq: 24 Feb 2021 13:00

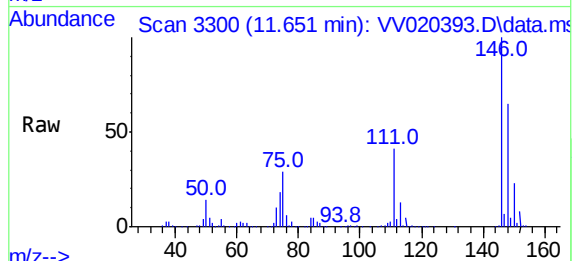
Tgt Ion:146 Resp: 304431
Ion Ratio Lower Upper
146 100
111 37.4 25.8 47.8
148 63.1 43.9 81.5





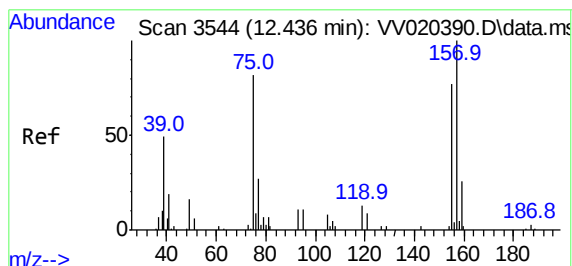
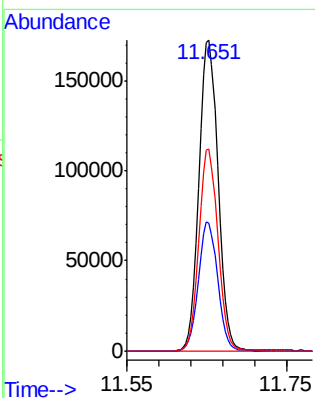
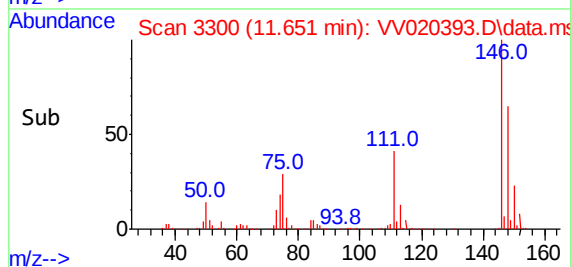
#67
 1,2-Dichlorobenzene
 Concen: 4.58 ug/L
 RT: 11.651 min Scan# 3300
 Delta R.T. -0.000 min
 Lab File: VV020393.D
 Acq: 24 Feb 2021 13:00

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005710

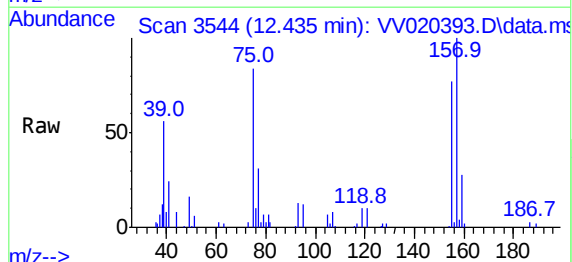


Tgt Ion:146 Resp: 274689

Ion	Ratio	Lower	Upper
146	100		
111	41.0	32.6	49.0
148	65.2	50.8	76.2

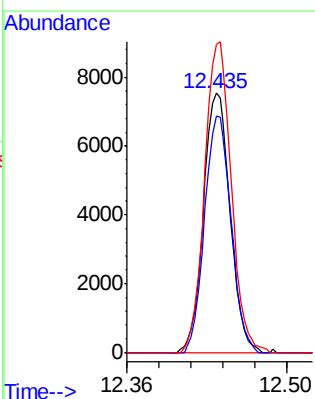
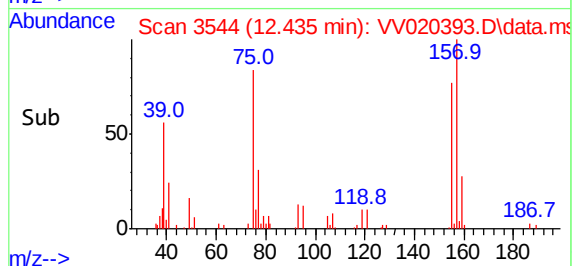


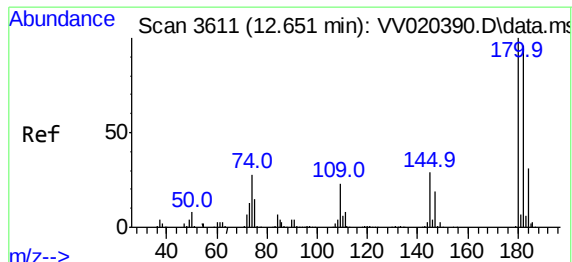
#68
 1,2-Dibromo-3-chloropropane
 Concen: 4.53 ug/L
 RT: 12.435 min Scan# 3544
 Delta R.T. -0.000 min
 Lab File: VV020393.D
 Acq: 24 Feb 2021 13:00



Tgt Ion: 75 Resp: 12521

Ion	Ratio	Lower	Upper
75	100		
155	91.5	72.8	109.2
157	118.8	94.7	142.1

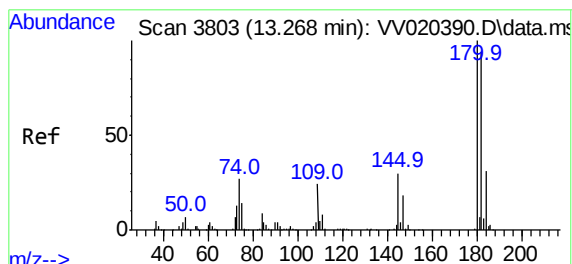
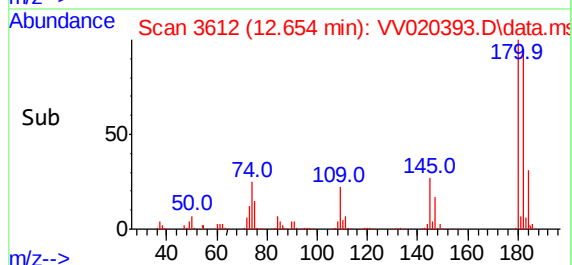
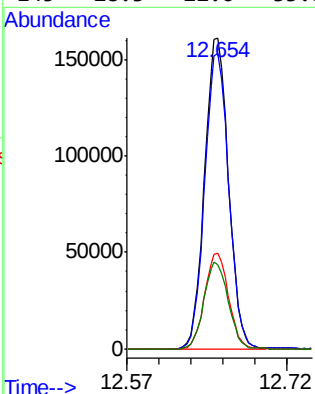
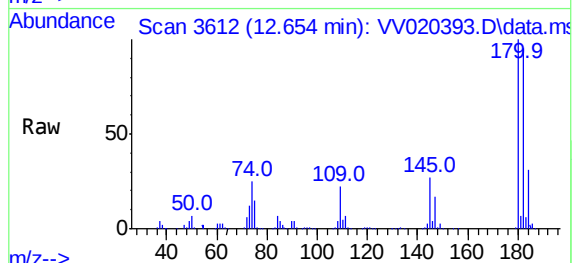




#69
 1,3,5-Trichlorobenzene
 Concen: 4.58 ug/L
 RT: 12.654 min Scan# 3612
 Delta R.T. 0.003 min
 Lab File: VV020393.D
 Acq: 24 Feb 2021 13:00

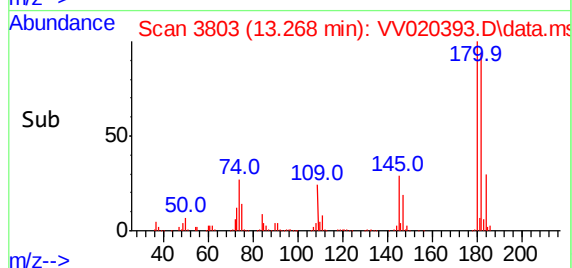
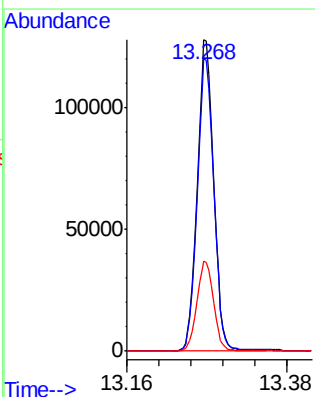
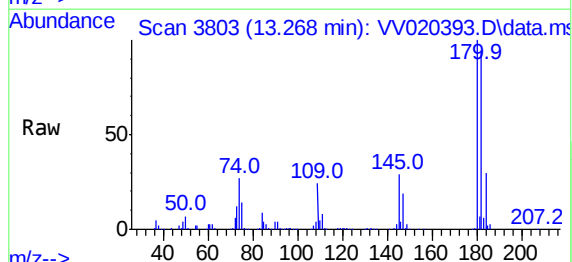
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005710

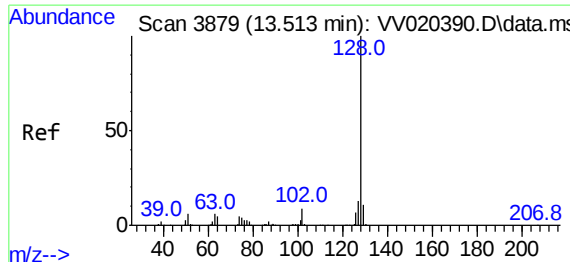
Tgt Ion:180 Resp: 247210
 Ion Ratio Lower Upper
 180 100
 182 96.0 75.6 113.4
 184 30.8 24.4 36.6
 145 28.3 22.6 33.8



#70
 1,2,4-trichlorobenzene
 Concen: 4.51 ug/L
 RT: 13.268 min Scan# 3803
 Delta R.T. -0.000 min
 Lab File: VV020393.D
 Acq: 24 Feb 2021 13:00

Tgt Ion:180 Resp: 196168
 Ion Ratio Lower Upper
 180 100
 182 95.3 75.7 113.5
 145 28.8 23.0 34.4

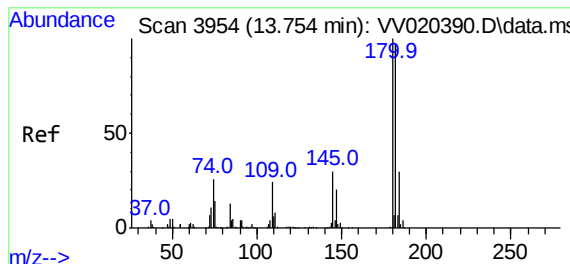
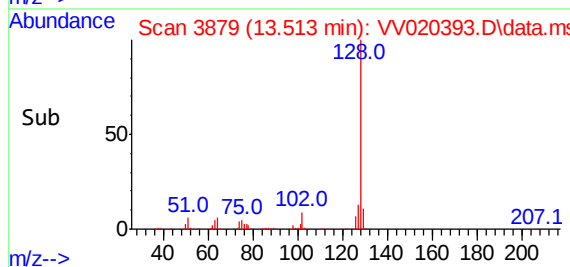
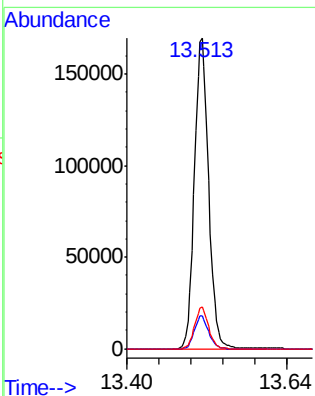
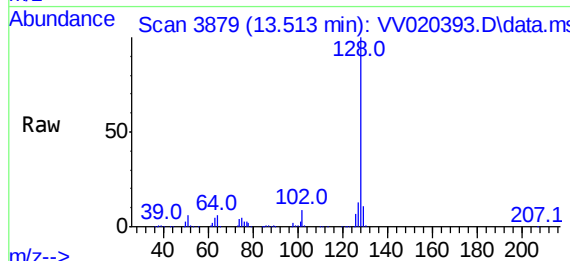




#71
Naphthalene
Concen: 4.43 ug/L
RT: 13.513 min Scan# 3879
Delta R.T. -0.000 min
Lab File: VV020393.D
Acq: 24 Feb 2021 13:00

Instrument :
MSVOA_V
ClientSampleId :
VSTD005710

Tgt Ion:128 Resp: 259989
Ion Ratio Lower Upper
128 100
129 10.5 8.6 13.0
127 13.1 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 4.63 ug/L
RT: 13.754 min Scan# 3954
Delta R.T. -0.000 min
Lab File: VV020393.D
Acq: 24 Feb 2021 13:00

Tgt Ion:180 Resp: 173602
Ion Ratio Lower Upper
180 100
182 95.4 75.9 113.9
145 30.5 24.6 37.0

