

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072021\
 Data File : VV021693.D
 Acq On : 20 Jul 2021 17:49
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050291

Quant Time: Jul 21 01:07:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 21 01:01:54 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	416476	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	382958	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	202729	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	135264	45.911	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.820%
7) Chloroethane-d5	1.542	69	40229	19.734	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	39.460%#
11) 1,1-Dichloroethene-d2	2.095	63	227003	46.237	ug/L	-0.01
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.480%
21) 2-Butanone-d5	3.876	46	223287	98.327	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.330%
24) Chloroform-d	4.346	84	266458	47.628	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.260%
26) 1,2-Dichloroethane-d4	5.027	65	162590	49.066	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.140%
32) Benzene-d6	5.047	84	536773	47.623	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.240%
36) 1,2-Dichloropropane-d6	6.069	67	169009	47.958	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.920%
41) Toluene-d8	7.317	98	501001	48.111	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.220%
43) trans-1,3-Dichloroprop...	7.622	79	81598	46.448	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.900%
47) 2-Hexanone-d5	8.092	63	169645	106.587	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.590%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	240666	51.700	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	207733	49.566	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.140%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	142213	47.253	ug/L	99
3) Chloromethane	1.237	50	138705	48.824	ug/L	99
5) Vinyl chloride	1.307	62	143763	48.574	ug/L	99
6) Bromomethane	1.503	94	44884	31.808	ug/L	97
8) Chloroethane	1.558	64	31090	18.521	ug/L	99
9) Trichlorofluoromethane	1.732	101	197620	47.468	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	112761	47.961	ug/L	99
12) 1,1-Dichloroethene	2.108	96	103862	47.339	ug/L	82
13) Acetone	2.163	43	124421	86.385	ug/L	99
14) Carbon disulfide	2.282	76	307740	46.454	ug/L	100
15) Methyl Acetate	2.423	43	154787	49.006	ug/L	99
16) Methylene chloride	2.500	84	146385	46.161	ug/L	98
17) trans-1,2-Dichloroethene	2.751	96	126331	48.268	ug/L	98
18) Methyl tert-butyl Ether	2.764	73	436365	49.156	ug/L	99
19) 1,1-Dichloroethane	3.182	63	240971	48.764	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	147990	48.862	ug/L	99
22) 2-Butanone	3.960	43	215276	97.955	ug/L	99
23) Bromochloromethane	4.243	128	77449	48.330	ug/L	98
25) Chloroform	4.372	83	249817	48.908	ug/L	97

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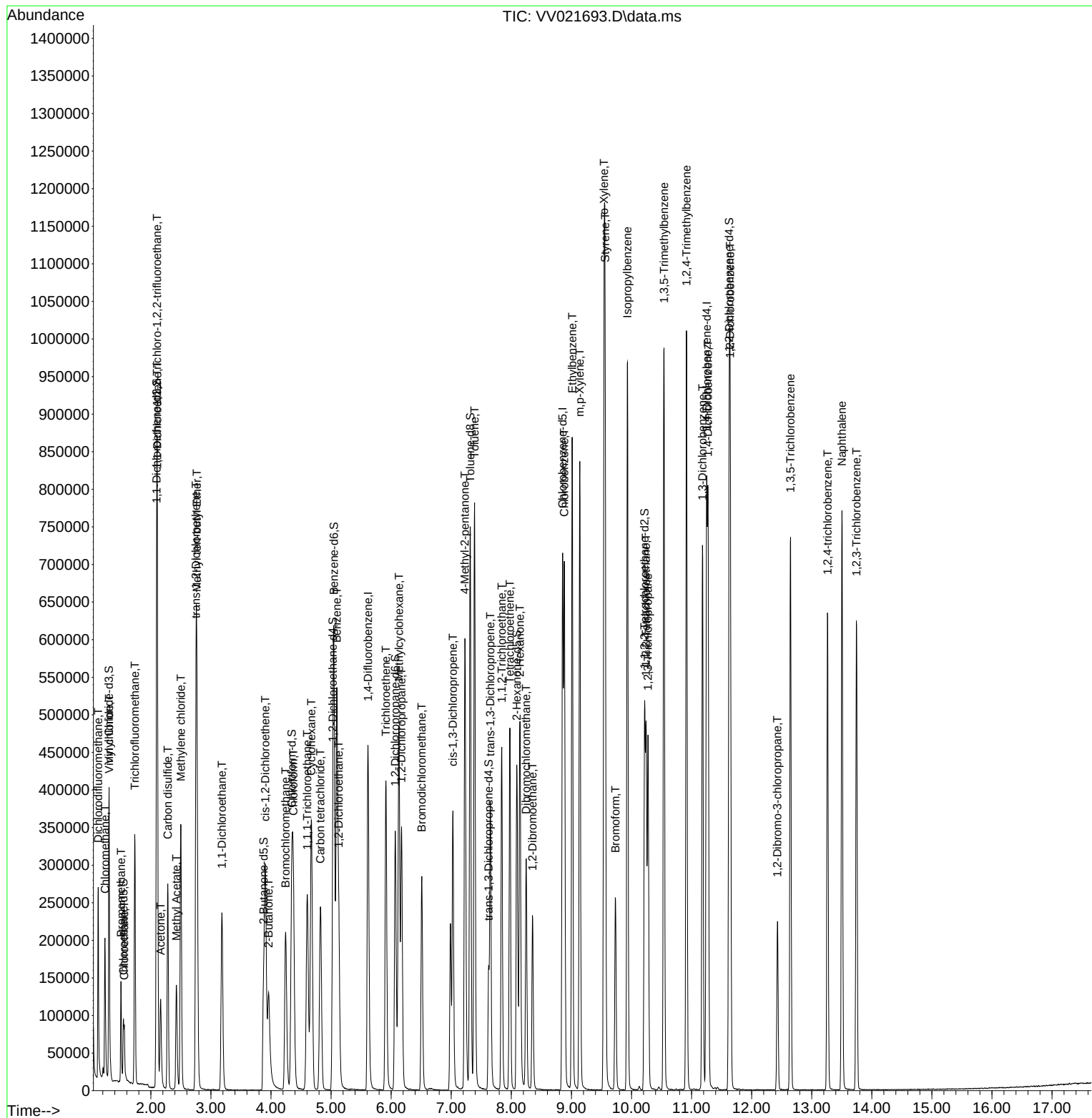
Quant Time: Jul 21 01:07:08 2021
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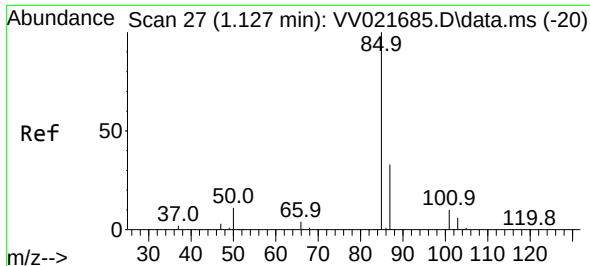
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	185233	50.525	ug/L	100
29) Cyclohexane	4.671	56	208402	49.191	ug/L	99
30) 1,1,1-Trichloroethane	4.603	97	217820	48.111	ug/L	100
31) Carbon tetrachloride	4.822	117	187862	48.180	ug/L	99
33) Benzene	5.095	78	535494	49.190	ug/L	100
34) Trichloroethene	5.912	95	142573	48.492	ug/L	97
35) Methylcyclohexane	6.130	83	215482	48.929	ug/L	99
37) 1,2-Dichloropropane	6.172	63	143875	50.426	ug/L	100
38) Bromodichloromethane	6.510	83	187198	48.711	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	228279	49.958	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	428013	102.576	ug/L	99
42) Toluene	7.387	91	578158	49.323	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	216242	49.947	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	142431	49.913	ug/L	99
46) Tetrachloroethene	7.976	164	111319	48.496	ug/L	99
48) 2-Hexanone	8.143	43	336754	104.794	ug/L	100
49) Dibromochloromethane	8.246	129	158592	49.181	ug/L	98
50) 1,2-Dibromoethane	8.352	107	151719	49.729	ug/L	97
51) Chlorobenzene	8.883	112	375877	48.886	ug/L	99
52) Ethylbenzene	9.014	91	619828	49.356	ug/L	99
53) m,p-Xylene	9.140	106	241902	49.574	ug/L	98
54) o-Xylene	9.545	106	239792	49.077	ug/L	99
55) Styrene	9.561	104	409936	49.783	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	233302	53.114	ug/L	99
59) Bromoform	9.731	173	117385	46.961	ug/L	98
60) Isopropylbenzene	9.934	105	628227	47.752	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	187105	49.760	ug/L	100
62) 1,3,5-Trimethylbenzene	10.542	105	533357	48.083	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	544224	48.568	ug/L	100
64) 1,3-Dichlorobenzene	11.182	146	302112	48.587	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	305490	49.082	ug/L	98
67) 1,2-Dichlorobenzene	11.645	146	318671	50.489	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	53791	51.716	ug/L	96
69) 1,3,5-Trichlorobenzene	12.648	180	228921	49.643	ug/L	98
70) 1,2,4-trichlorobenzene	13.265	180	196438	48.285	ug/L	99
71) Naphthalene	13.503	128	602941	47.958	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	194767	46.957	ug/L	100

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

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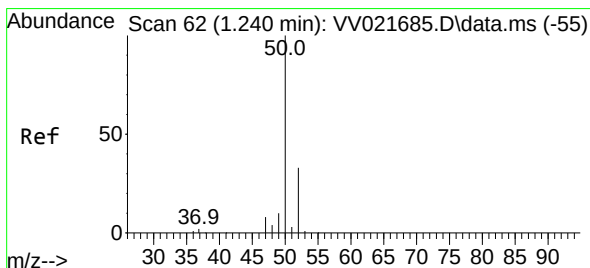
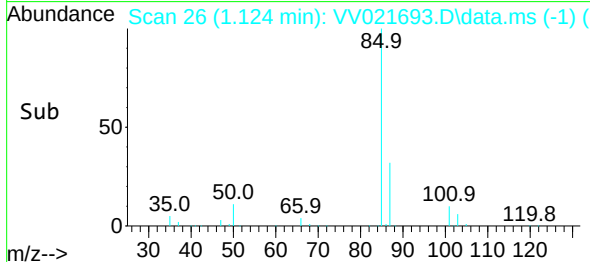
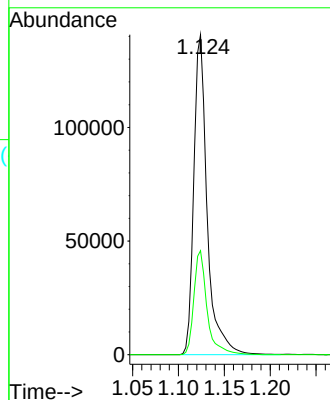
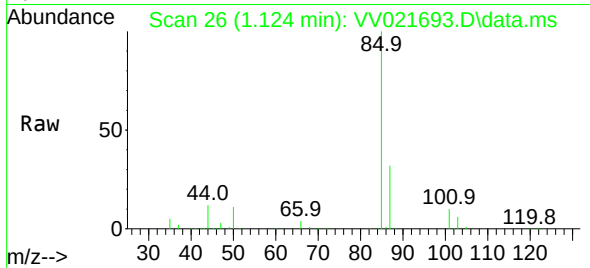




#2
Dichlorodifluoromethane
Concen: 47.253 ug/L
RT: 1.124 min Scan# 26
Delta R.T. -0.003 min
Lab File: VV021693.D
Acq: 20 Jul 2021 17:49

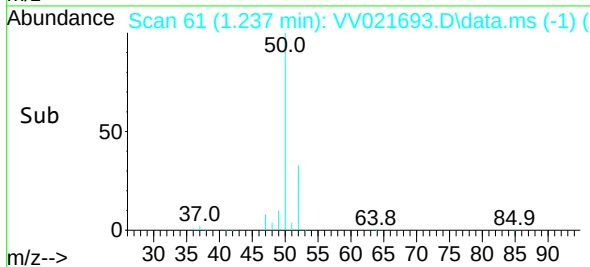
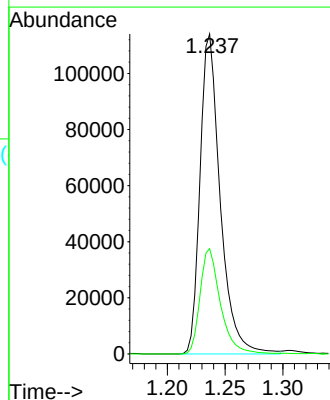
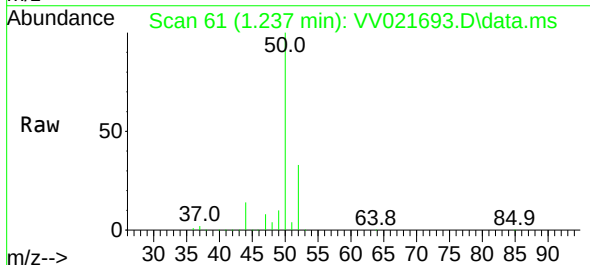
Instrument :
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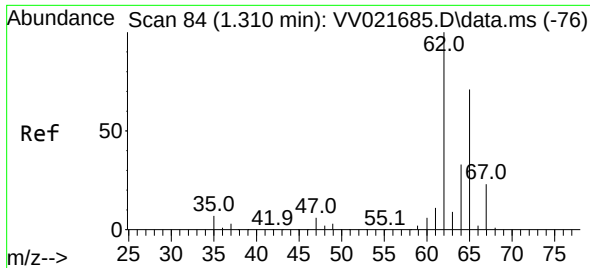
Tgt Ion: 85 Resp: 142213
Ion Ratio Lower Upper
85 100
87 32.2 26.0 39.0



#3
Chloromethane
Concen: 48.824 ug/L
RT: 1.237 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV021693.D
Acq: 20 Jul 2021 17:49

Tgt Ion: 50 Resp: 138705
Ion Ratio Lower Upper
50 100
52 32.9 23.2 43.2

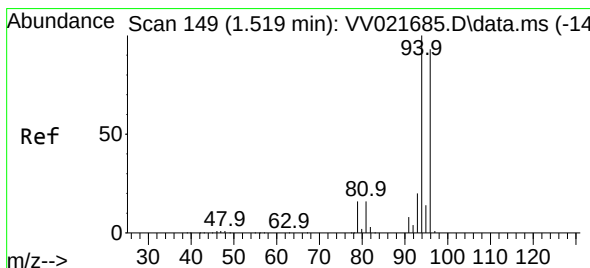
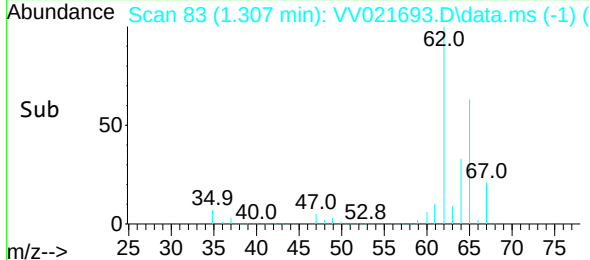
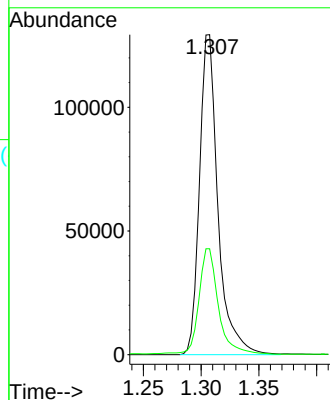
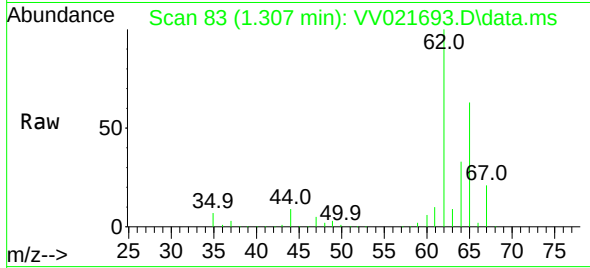




#5
 Vinyl chloride
 Concen: 48.574 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.003 min
 Lab File: VV021693.D
 Acq: 20 Jul 2021 17:49

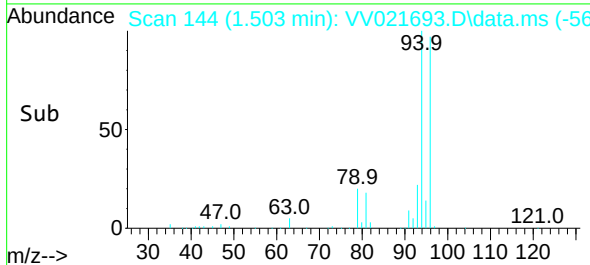
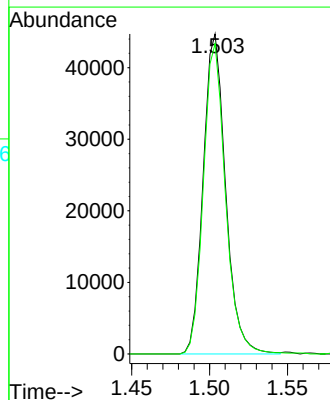
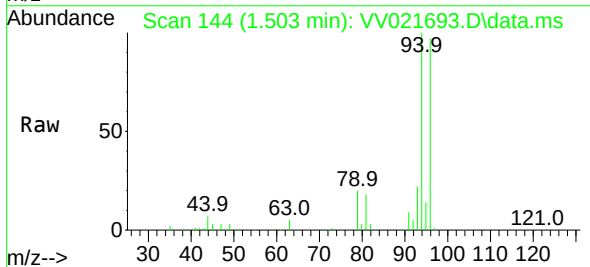
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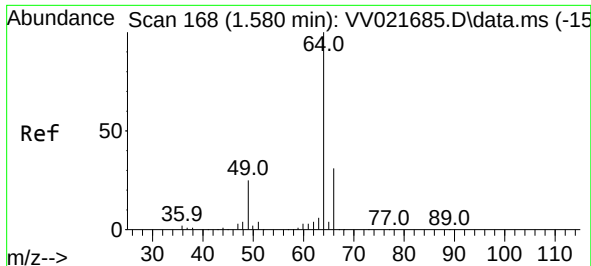
Tgt Ion: 62 Resp: 143763
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.4 43.4



#6
 Bromomethane
 Concen: 31.808 ug/L
 RT: 1.503 min Scan# 144
 Delta R.T. -0.016 min
 Lab File: VV021693.D
 Acq: 20 Jul 2021 17:49

Tgt Ion: 94 Resp: 44884
 Ion Ratio Lower Upper
 94 100
 96 97.0 66.0 122.6

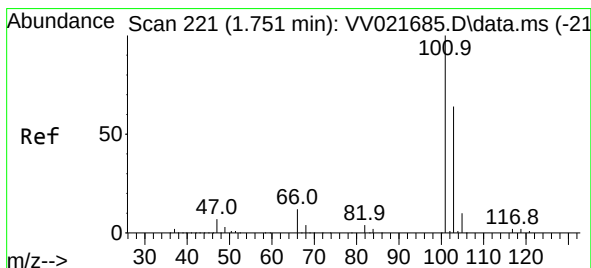
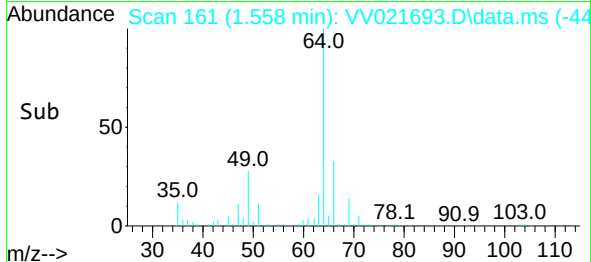
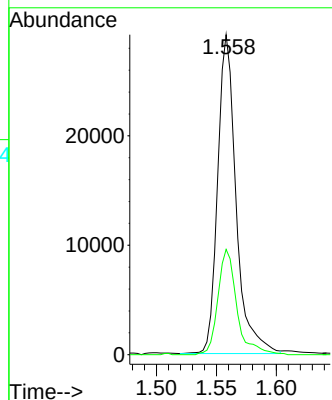
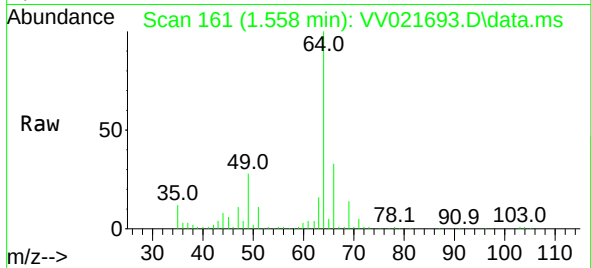




#8
Chloroethane
Concen: 18.521 ug/L
RT: 1.558 min Scan# 161
Delta R.T. -0.022 min
Lab File: VV021693.D
Acq: 20 Jul 2021 17:49

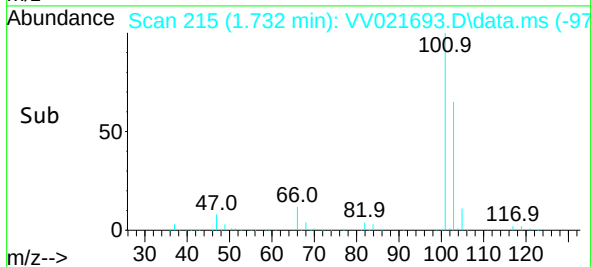
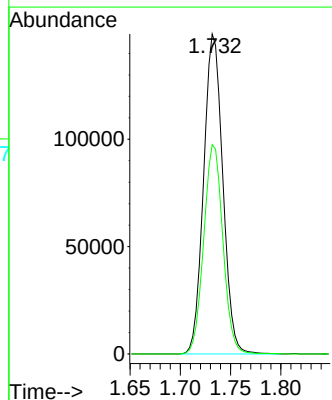
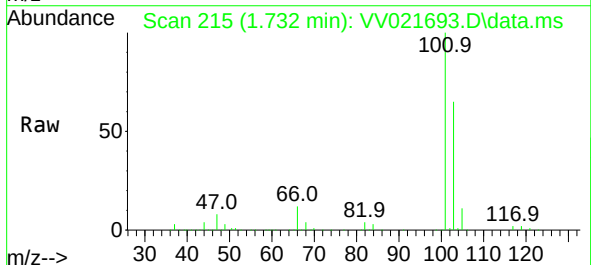
Instrument :
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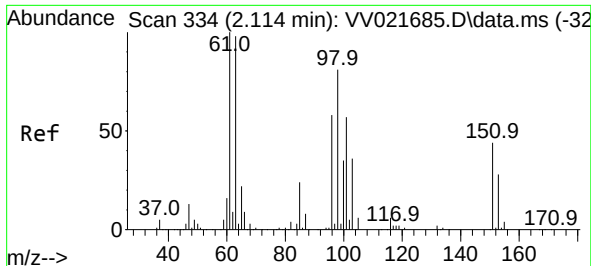
Tgt Ion: 64 Resp: 31090
Ion Ratio Lower Upper
64 100
66 32.9 22.7 42.1



#9
Trichlorofluoromethane
Concen: 47.468 ug/L
RT: 1.732 min Scan# 215
Delta R.T. -0.019 min
Lab File: VV021693.D
Acq: 20 Jul 2021 17:49

Tgt Ion:101 Resp: 197620
Ion Ratio Lower Upper
101 100
103 65.3 51.4 77.0

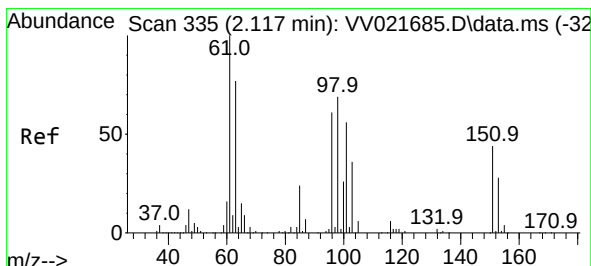
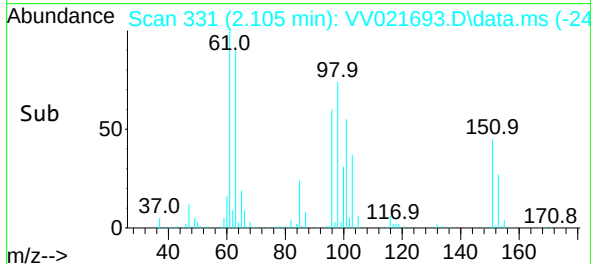
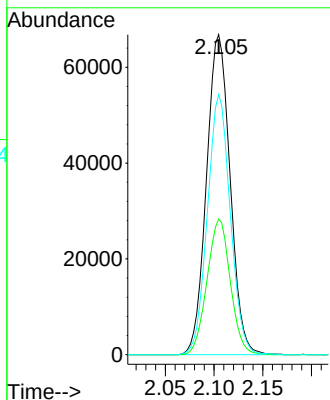
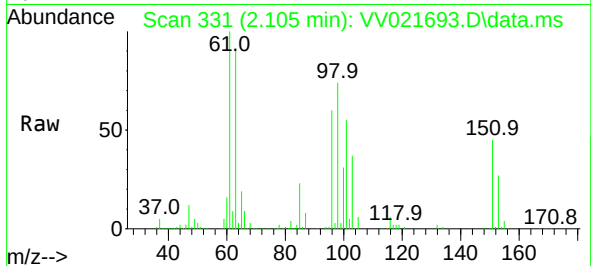




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 47.961 ug/L
RT: 2.105 min Scan# 331
Delta R.T. -0.009 min
Lab File: VV021693.D
Acq: 20 Jul 2021 17:49

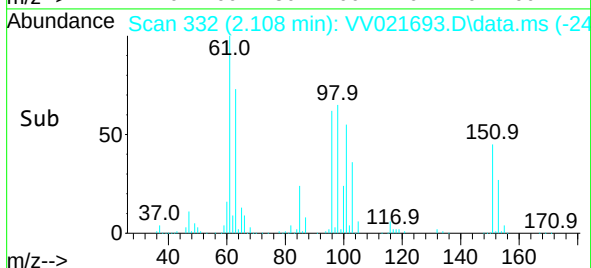
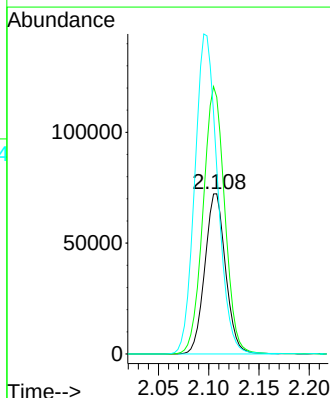
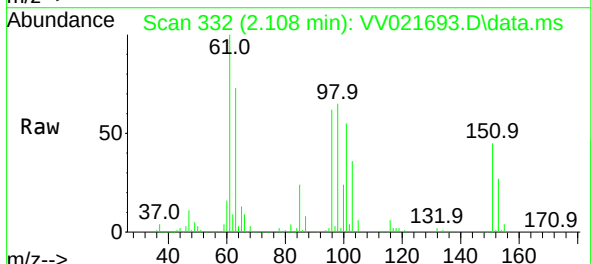
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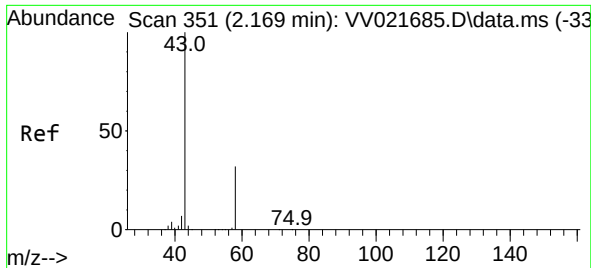
Tgt Ion:101 Resp: 112761
Ion Ratio Lower Upper
101 100
85 41.8 33.6 50.4
151 79.1 62.0 93.0



#12
1,1-Dichloroethene
Concen: 47.339 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.009 min
Lab File: VV021693.D
Acq: 20 Jul 2021 17:49

Tgt Ion: 96 Resp: 103862
Ion Ratio Lower Upper
96 100
61 160.3 117.5 218.1
63 116.2 110.1 204.5

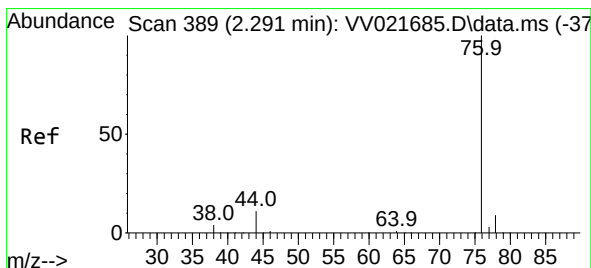
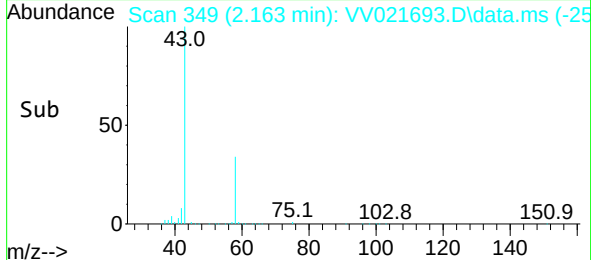
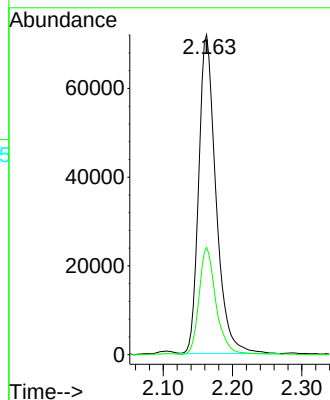
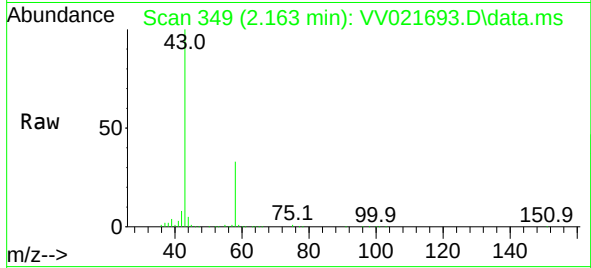




#13
Acetone
Concen: 86.385 ug/L
RT: 2.163 min Scan# 349
Delta R.T. -0.006 min
Lab File: VV021693.D
Acq: 20 Jul 2021 17:49

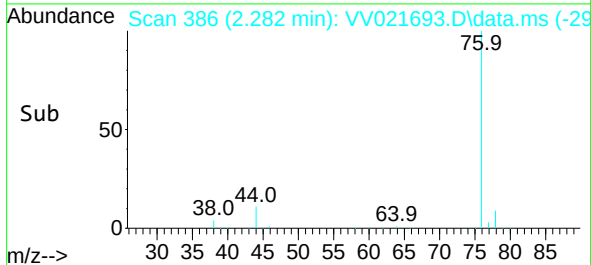
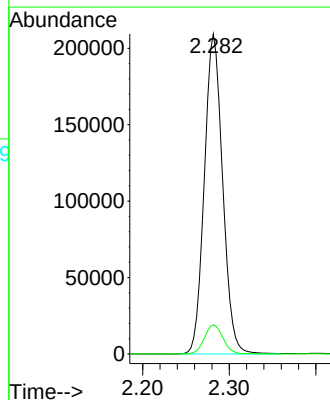
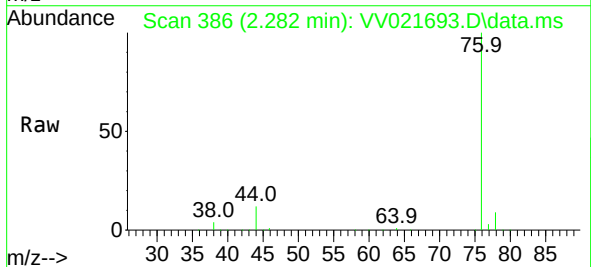
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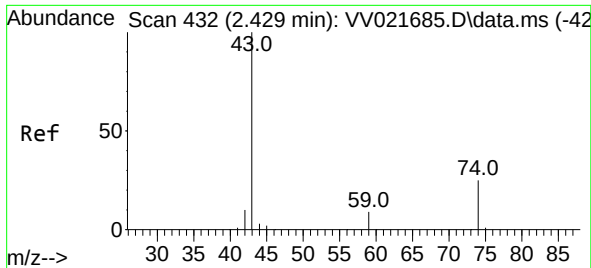
Tgt Ion: 43 Resp: 124421
Ion Ratio Lower Upper
43 100
58 33.1 0.0 64.6



#14
Carbon disulfide
Concen: 46.454 ug/L
RT: 2.282 min Scan# 386
Delta R.T. -0.009 min
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Tgt Ion: 76 Resp: 307740
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

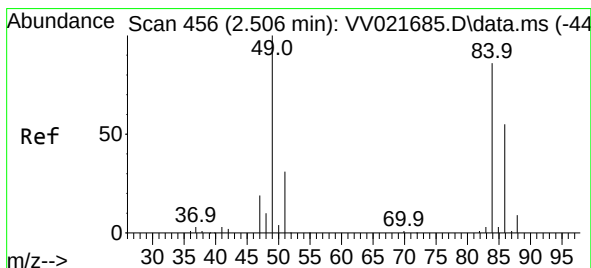
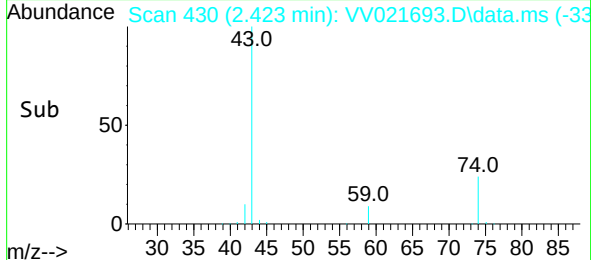
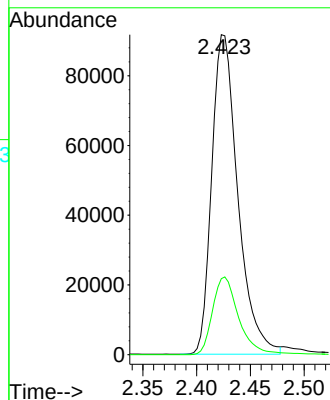
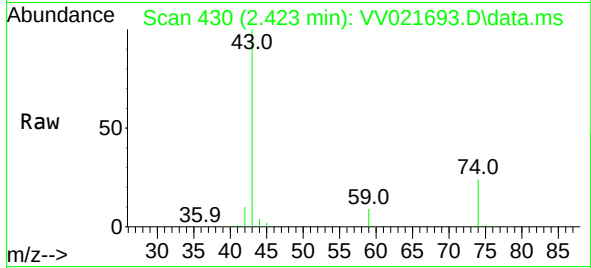




#15
Methyl Acetate
Concen: 49.006 ug/L
RT: 2.423 min Scan# 430
Delta R.T. -0.006 min
Lab File: VV021693.D
Acq: 20 Jul 2021 17:49

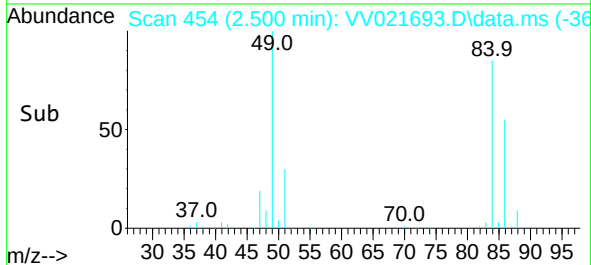
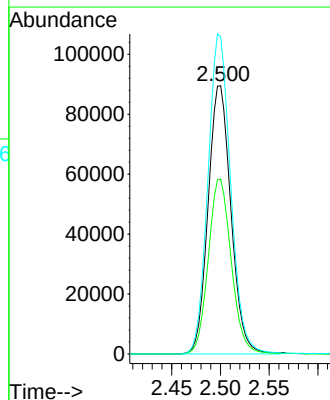
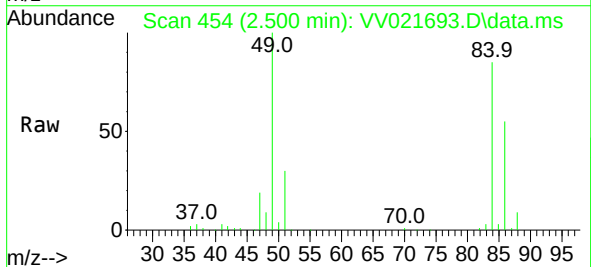
Instrument :
MSVOA_V
ClientSampleId :
VSTD050291

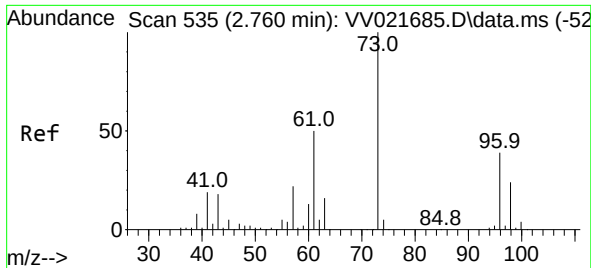
Tgt Ion: 43 Resp: 154787
Ion Ratio Lower Upper
43 100
74 24.6 19.3 28.9



#16
Methylene chloride
Concen: 46.161 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.006 min
Lab File: VV021693.D
Acq: 20 Jul 2021 17:49

Tgt Ion: 84 Resp: 146385
Ion Ratio Lower Upper
84 100
86 65.2 45.1 83.9
49 118.3 81.1 150.7

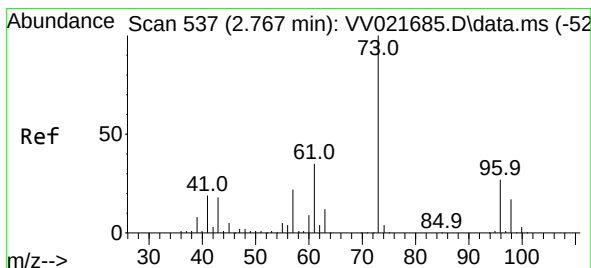
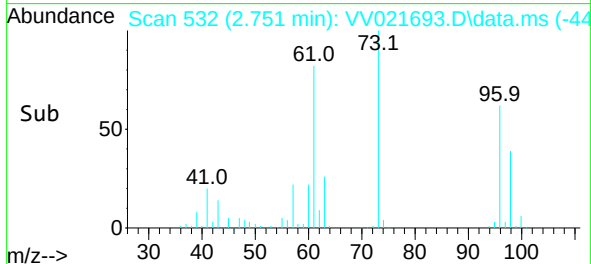
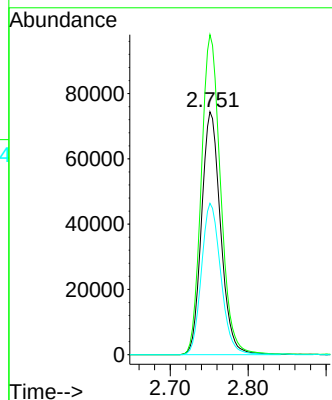
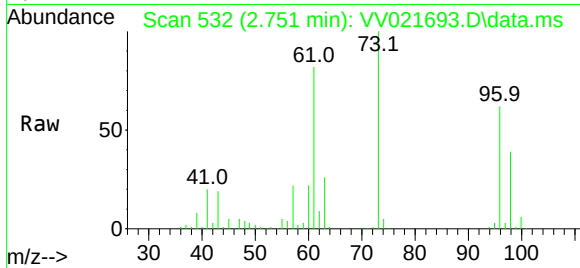




#17
trans-1,2-Dichloroethene
Concen: 48.268 ug/L
RT: 2.751 min Scan# 532
Delta R.T. -0.009 min
Lab File: VV021693.D
Acq: 20 Jul 2021 17:49

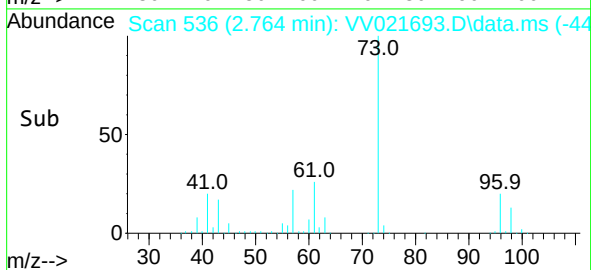
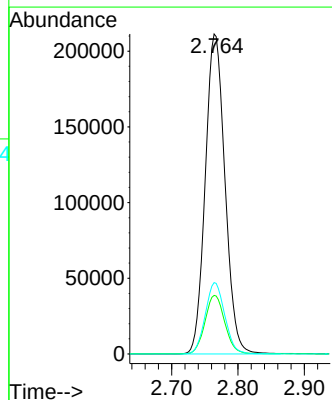
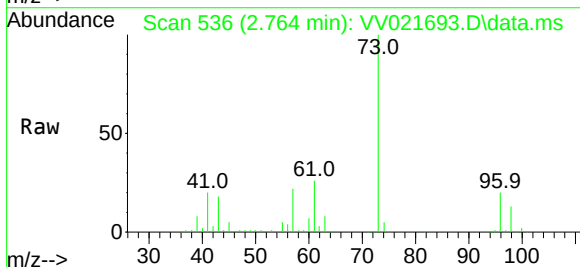
Instrument :
MSVOA_V
ClientSampleId :
VSTD050291

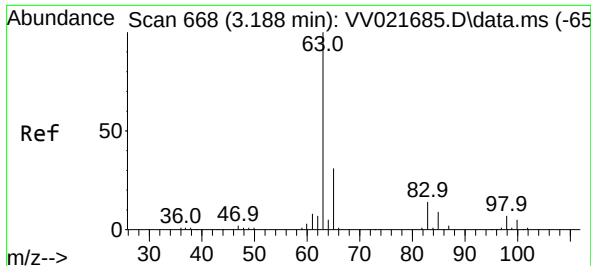
Tgt Ion: 96 Resp: 126331
Ion Ratio Lower Upper
96 100
61 131.7 93.7 174.1
98 62.3 45.1 83.9



#18
Methyl tert-butyl Ether
Concen: 49.156 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.003 min
Lab File: VV021693.D
Acq: 20 Jul 2021 17:49

Tgt Ion: 73 Resp: 436365
Ion Ratio Lower Upper
73 100
43 18.3 14.3 21.5
57 22.1 17.3 25.9





#19

1,1-Dichloroethane

Concen: 48.764 ug/L

RT: 3.182 min Scan# 666

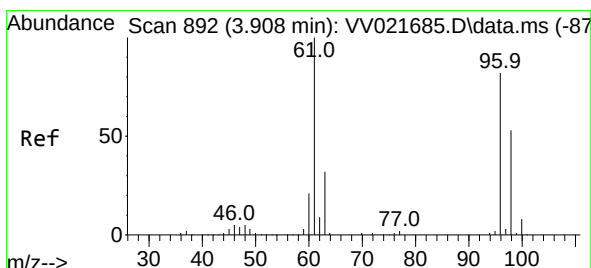
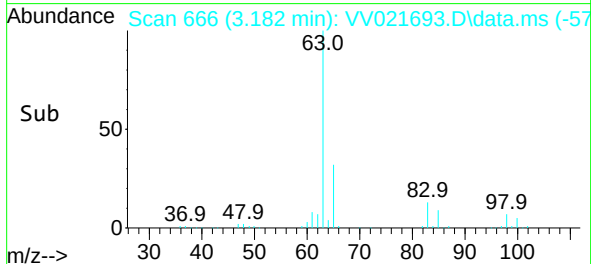
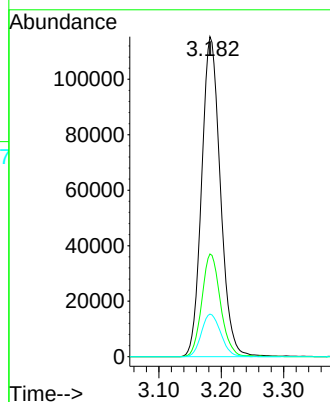
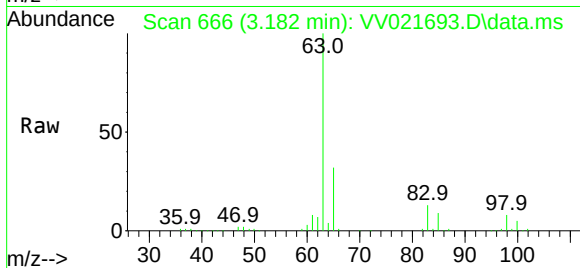
Delta R.T. -0.006 min

Lab File: VV021693.D

Acq: 20 Jul 2021 17:49

Tgt Ion: 63 Resp: 240971

Ion	Ratio	Lower	Upper
63	100		
65	32.1	22.0	40.8
83	13.3	9.7	18.1



#20

cis-1,2-Dichloroethene

Concen: 48.862 ug/L

RT: 3.905 min Scan# 891

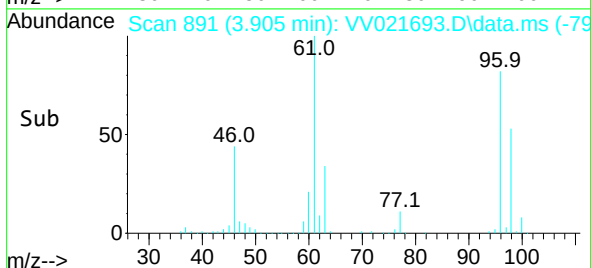
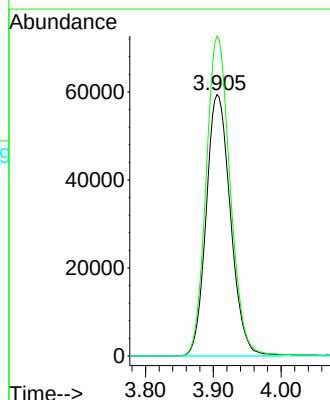
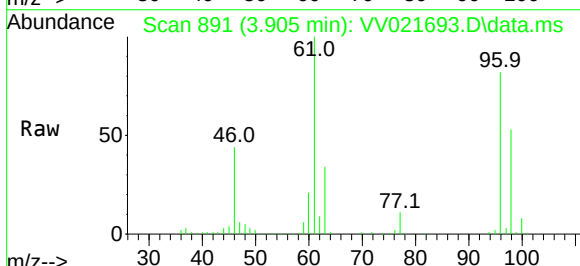
Delta R.T. -0.003 min

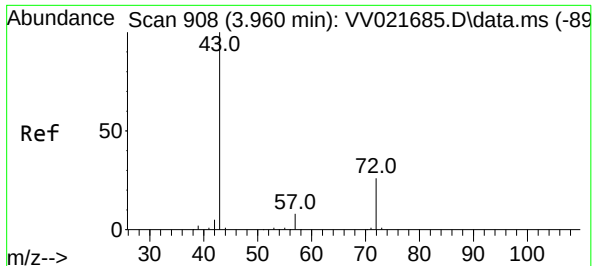
Lab File: VV021693.D

Acq: 20 Jul 2021 17:49

Tgt Ion: 96 Resp: 147990

Ion	Ratio	Lower	Upper
96	100		
61	122.4	85.3	158.3
68	0.0	0.0	0.0

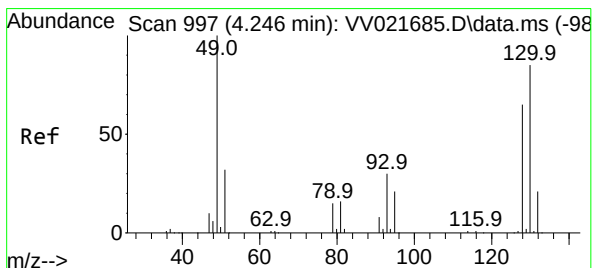
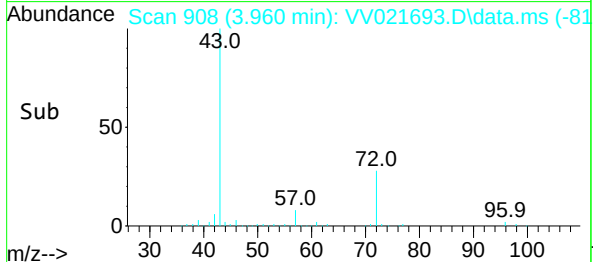
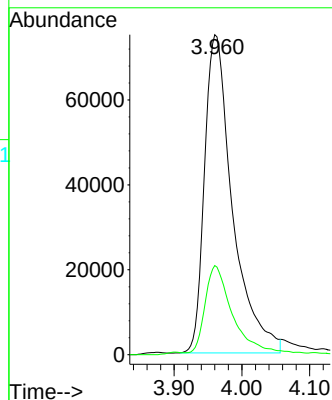
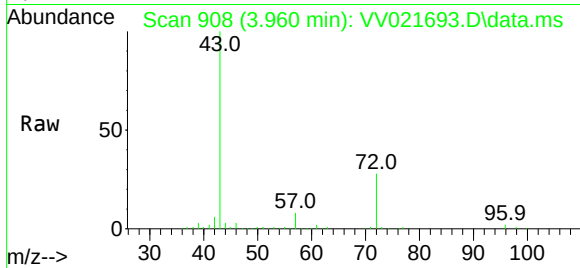




#22
2-Butanone
Concen: 97.955 ug/L
RT: 3.960 min Scan# 908
Delta R.T. 0.000 min
Lab File: VV021693.D
Acq: 20 Jul 2021 17:49

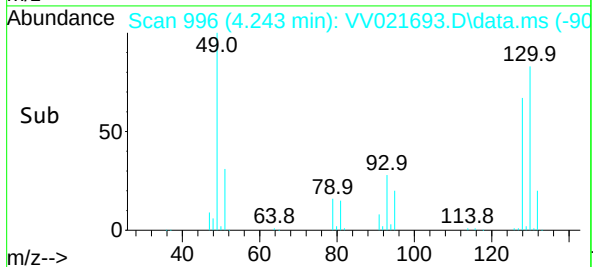
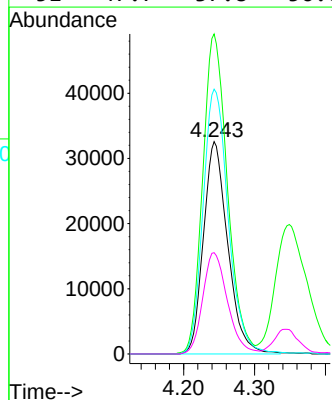
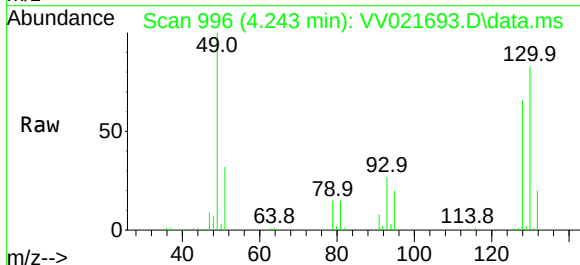
Instrument :
MSVOA_V
ClientSampleId :
VSTD050291

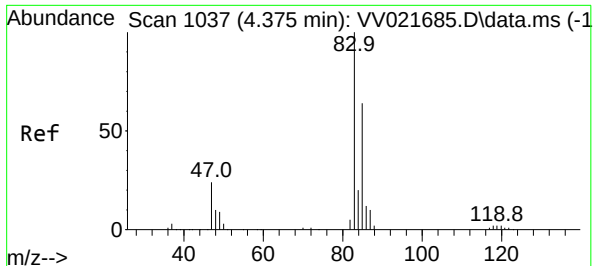
Tgt Ion: 43 Resp: 215276
Ion Ratio Lower Upper
43 100
72 26.8 13.2 39.5



#23
Bromochloromethane
Concen: 48.330 ug/L
RT: 4.243 min Scan# 996
Delta R.T. -0.003 min
Lab File: VV021693.D
Acq: 20 Jul 2021 17:49

Tgt Ion:128 Resp: 77449
Ion Ratio Lower Upper
128 100
49 150.7 106.8 198.4
130 124.7 90.6 168.2
51 47.7 37.8 56.6





#25

Chloroform

Concen: 48.908 ug/L

RT: 4.372 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VV021693.D

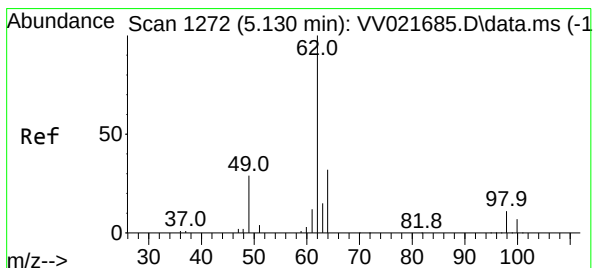
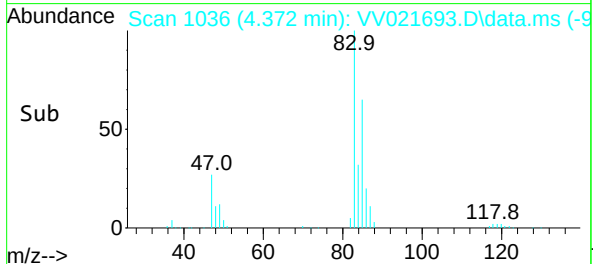
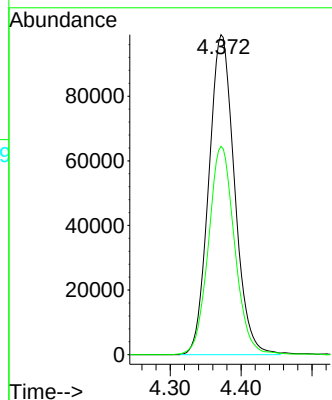
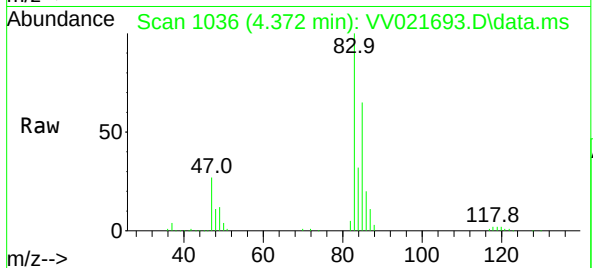
Acq: 20 Jul 2021 17:49

Tgt Ion: 83 Resp: 249817

Ion Ratio Lower Upper

83 100

85 65.1 43.8 81.4



#27

1,2-Dichloroethane

Concen: 50.525 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. -0.003 min

Lab File: VV021693.D

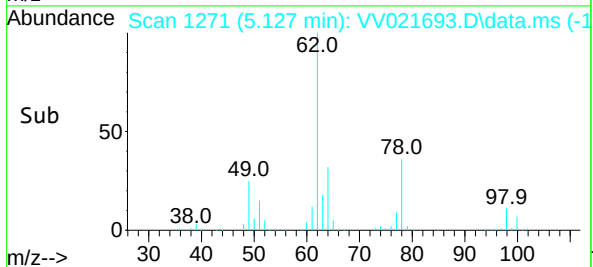
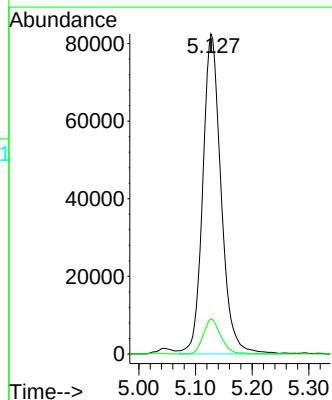
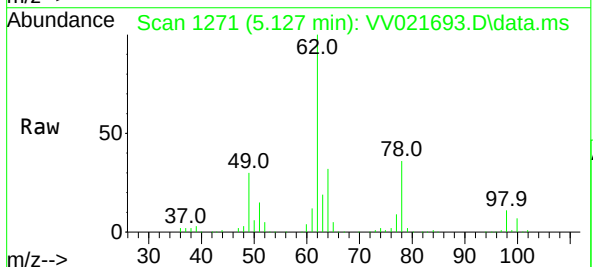
Acq: 20 Jul 2021 17:49

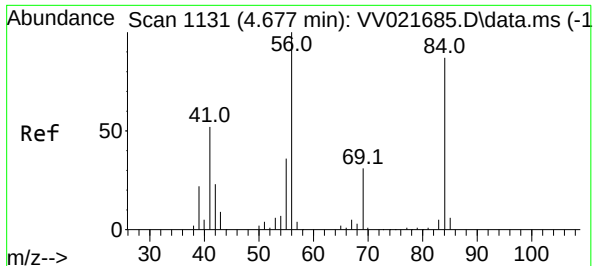
Tgt Ion: 62 Resp: 185233

Ion Ratio Lower Upper

62 100

98 11.0 8.7 13.1





#29

Cyclohexane

Concen: 49.191 ug/L

RT: 4.671 min Scan# 1129

Delta R.T. -0.006 min

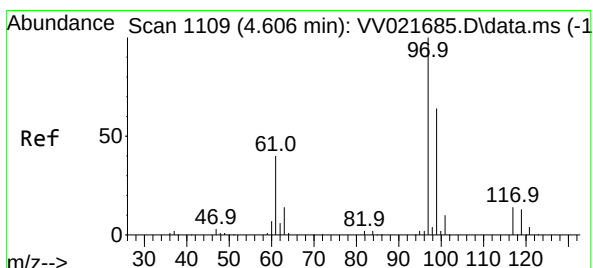
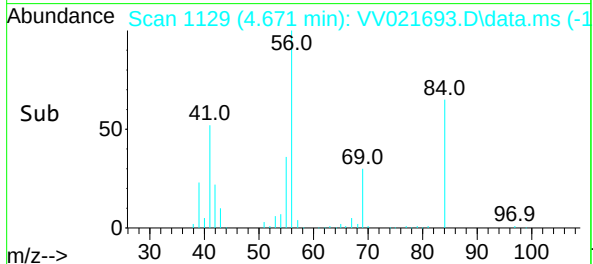
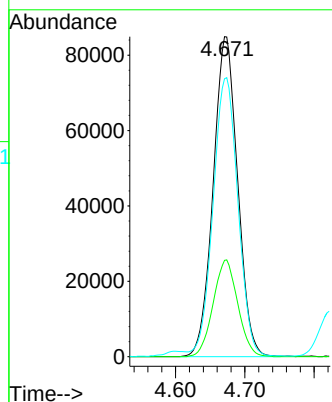
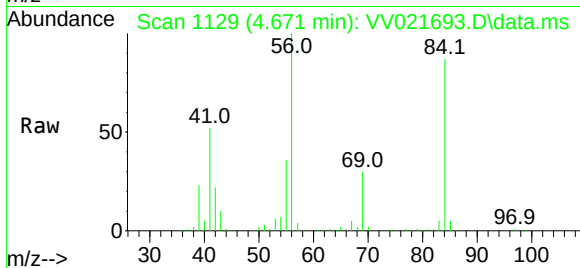
Lab File: VV021693.D

Acq: 20 Jul 2021 17:49

Tgt Ion: 56 Resp: 208402

Ion	Ratio	Lower	Upper
56	100		
69	30.4	24.5	36.7
84	88.6	71.4	107.0

Instrument :
MSVOA_V
ClientSampleId :
VSTD050291



#30

1,1,1-Trichloroethane

Concen: 48.111 ug/L

RT: 4.603 min Scan# 1108

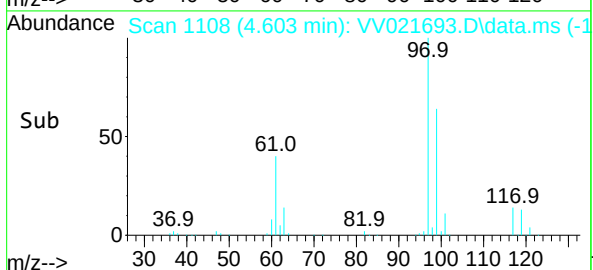
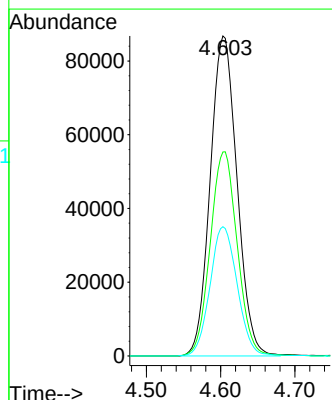
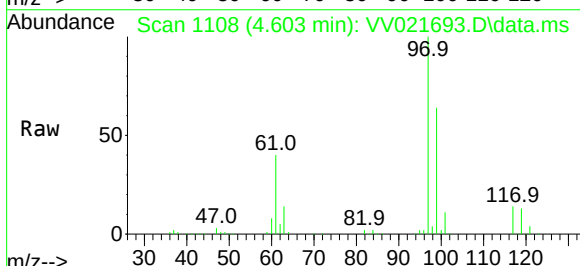
Delta R.T. -0.003 min

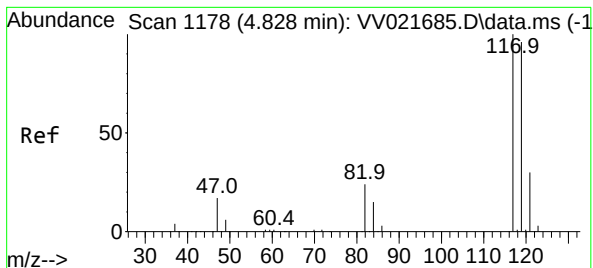
Lab File: VV021693.D

Acq: 20 Jul 2021 17:49

Tgt Ion: 97 Resp: 217820

Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.6	77.4
61	41.0	32.6	49.0

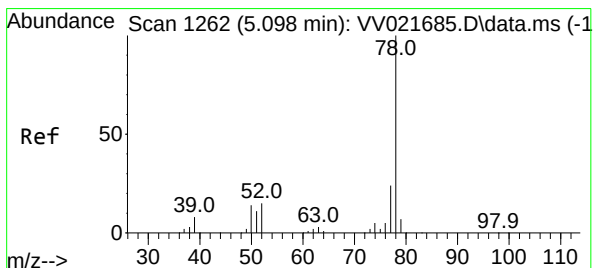
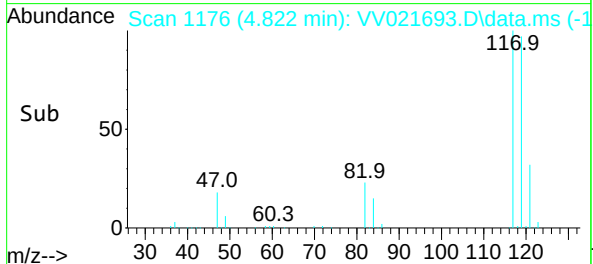
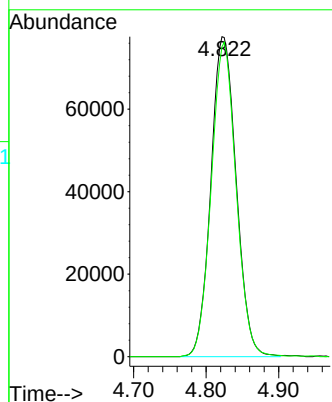
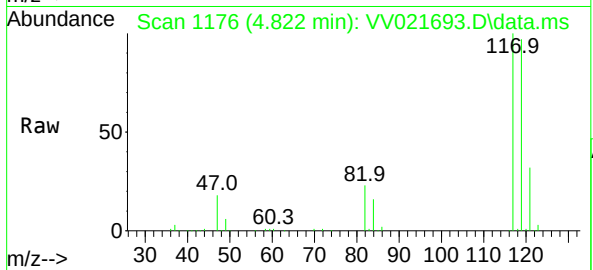




#31
Carbon tetrachloride
Concen: 48.180 ug/L
RT: 4.822 min Scan# 1176
Delta R.T. -0.006 min
Lab File: VV021693.D
Acq: 20 Jul 2021 17:49

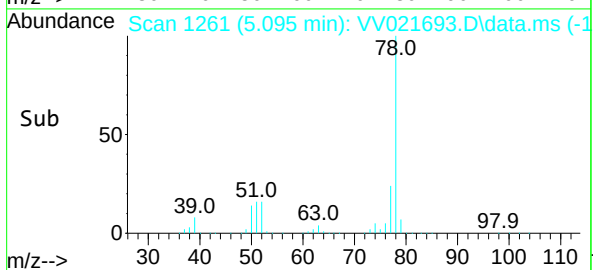
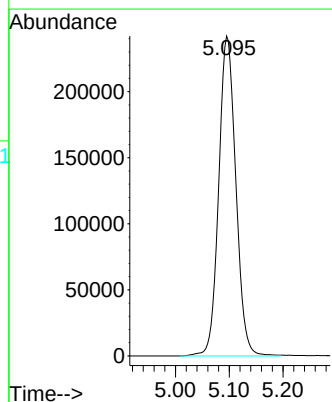
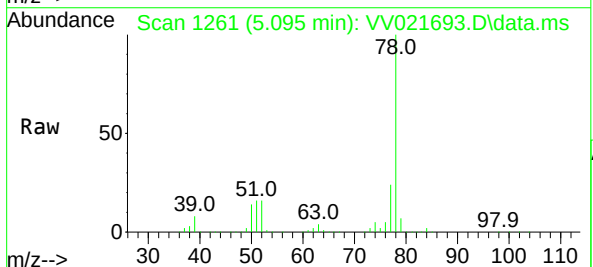
Instrument :
MSVOA_V
ClientSampleId :
VSTD050291

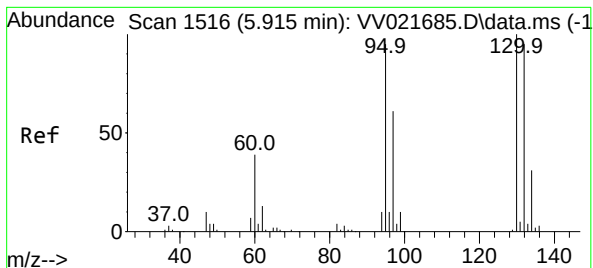
Tgt Ion:117 Resp: 187862
Ion Ratio Lower Upper
117 100
119 96.5 77.7 116.5



#33
Benzene
Concen: 49.190 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.003 min
Lab File: VV021693.D
Acq: 20 Jul 2021 17:49

Tgt Ion: 78 Resp: 535494





#34

Trichloroethene

Concen: 48.492 ug/L

RT: 5.912 min Scan# 1515

Delta R.T. -0.003 min

Lab File: VV021693.D

Acq: 20 Jul 2021 17:49

Tgt Ion: 95 Resp: 142573

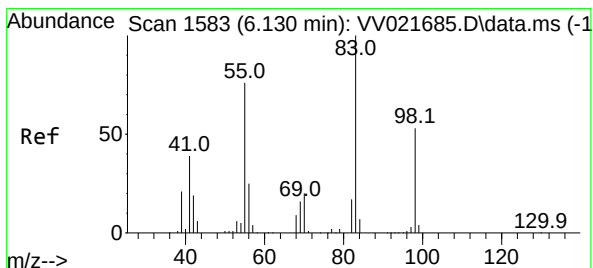
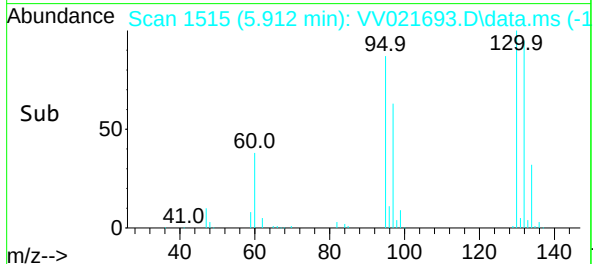
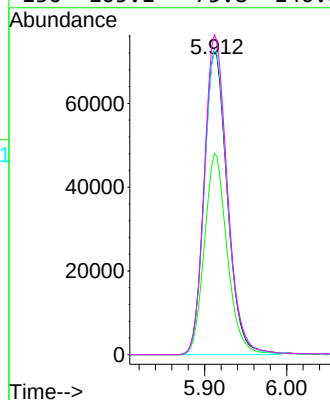
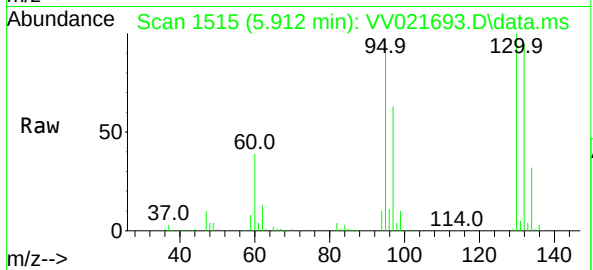
Ion Ratio Lower Upper

95 100

97 66.0 45.6 84.6

132 99.8 72.4 134.5

130 105.1 75.8 140.8



#35

Methylcyclohexane

Concen: 48.929 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. 0.000 min

Lab File: VV021693.D

Acq: 20 Jul 2021 17:49

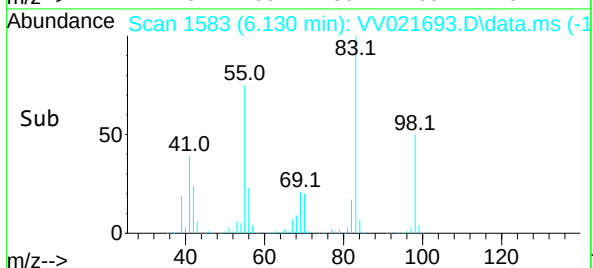
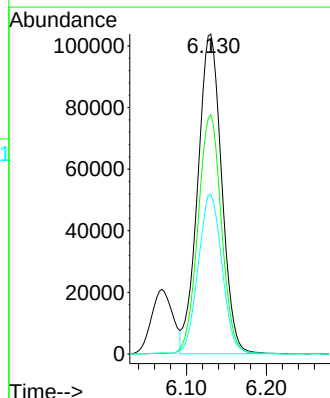
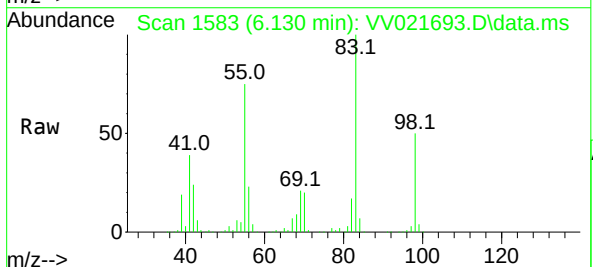
Tgt Ion: 83 Resp: 215482

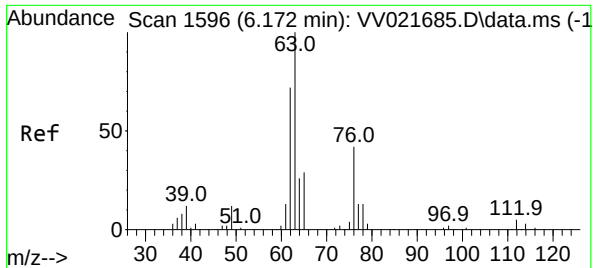
Ion Ratio Lower Upper

83 100

55 73.1 59.3 88.9

98 50.1 40.2 60.4

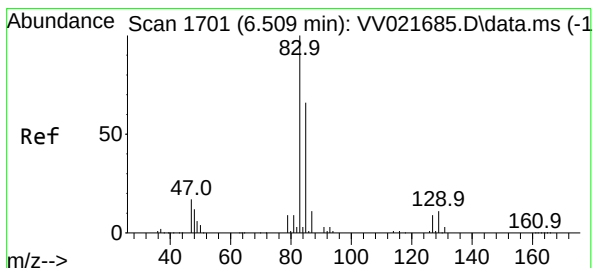
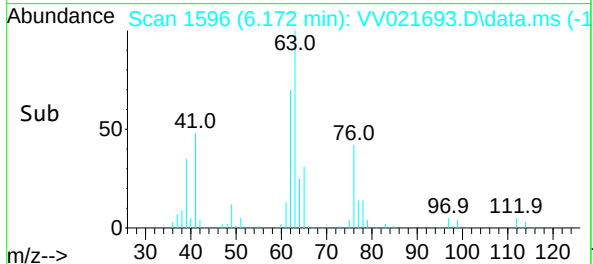
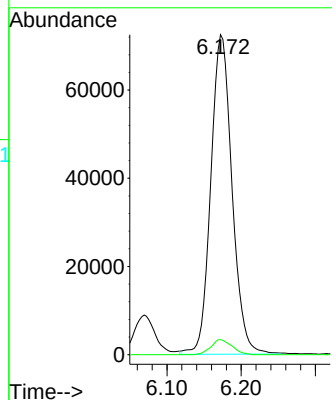
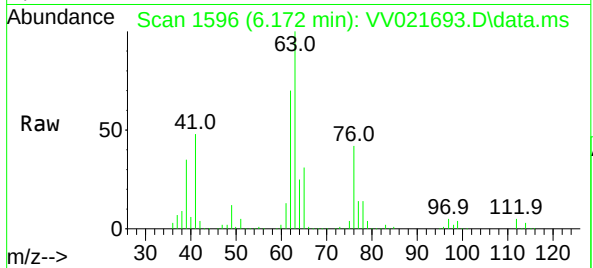




#37
1,2-Dichloropropane
Concen: 50.426 ug/L
RT: 6.172 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VV021693.D
Acq: 20 Jul 2021 17:49

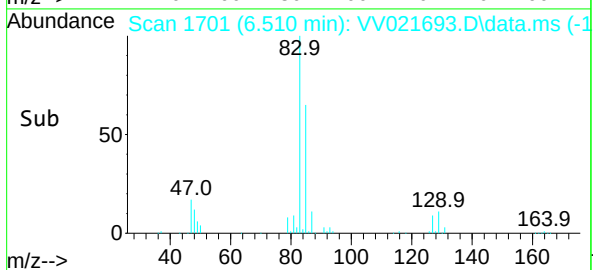
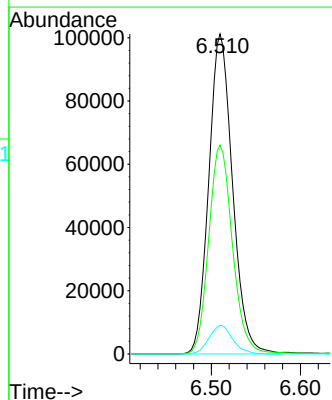
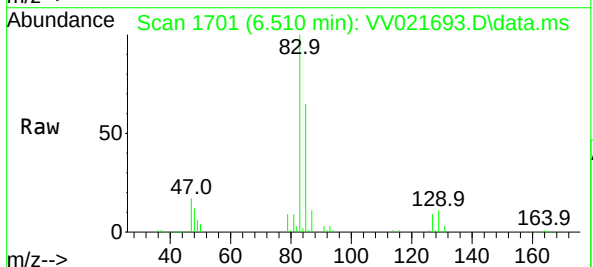
Instrument :
MSVOA_V
ClientSampled :
VSTD050291

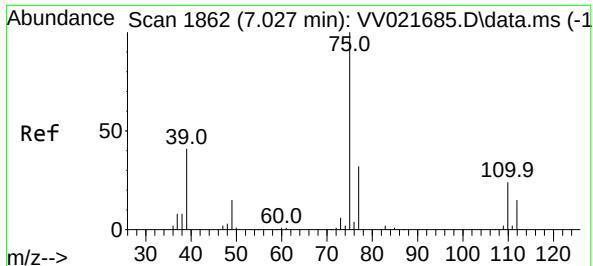
Tgt Ion: 63 Resp: 143875
Ion Ratio Lower Upper
63 100
112 4.7 3.8 5.6



#38
Bromodichloromethane
Concen: 48.711 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VV021693.D
Acq: 20 Jul 2021 17:49

Tgt Ion: 83 Resp: 187198
Ion Ratio Lower Upper
83 100
85 65.3 46.1 85.5
127 8.9 7.4 11.0

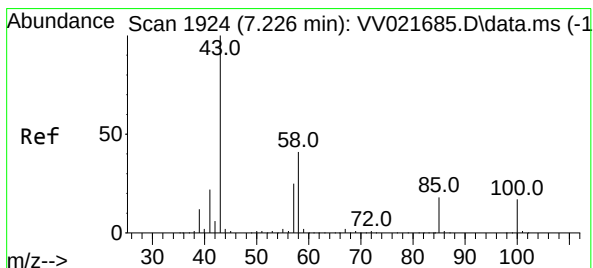
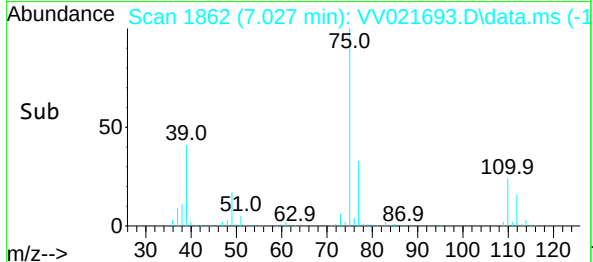
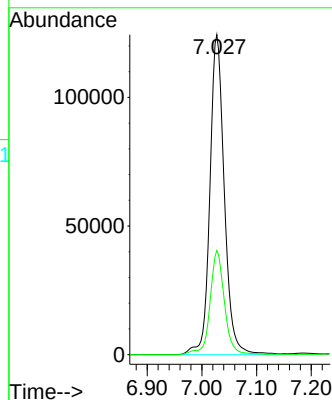
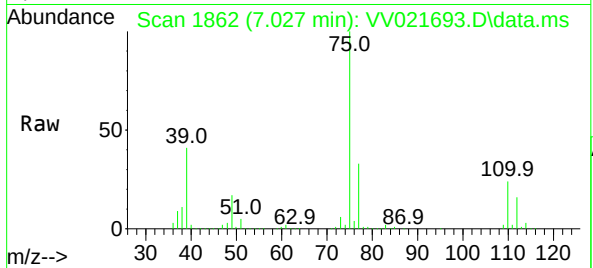




#39
 cis-1,3-Dichloropropene
 Concen: 49.958 ug/L
 RT: 7.027 min Scan# 1862
 Delta R.T. 0.000 min
 Lab File: VV021693.D
 Acq: 20 Jul 2021 17:49

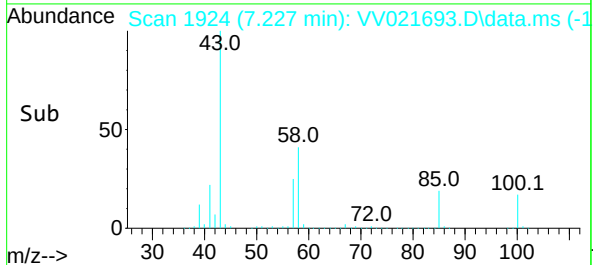
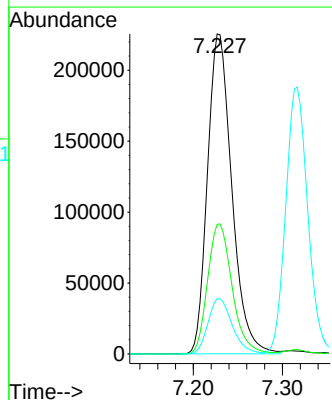
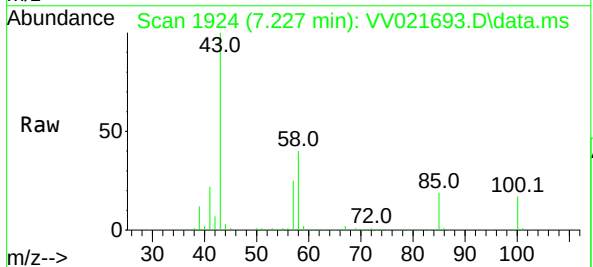
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050291

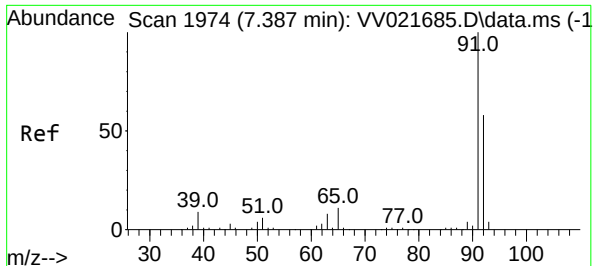
Tgt Ion: 75 Resp: 228279
 Ion Ratio Lower Upper
 75 100
 77 32.6 21.9 40.7



#40
 4-Methyl-2-pentanone
 Concen: 102.576 ug/L
 RT: 7.227 min Scan# 1924
 Delta R.T. 0.000 min
 Lab File: VV021693.D
 Acq: 20 Jul 2021 17:49

Tgt Ion: 43 Resp: 428013
 Ion Ratio Lower Upper
 43 100
 58 40.9 33.1 49.7
 100 17.2 13.8 20.8

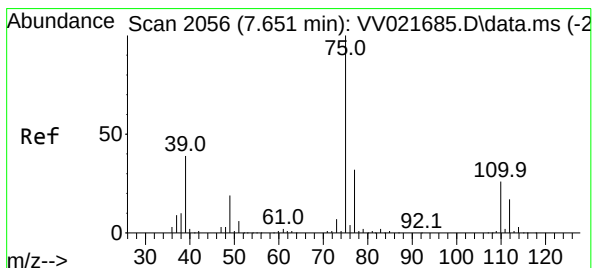
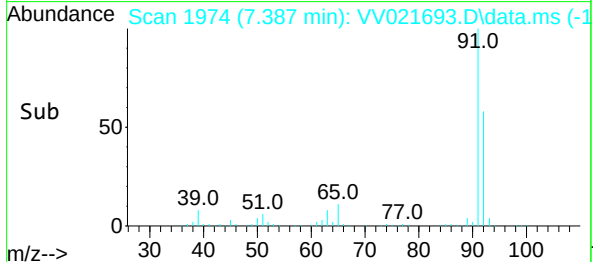
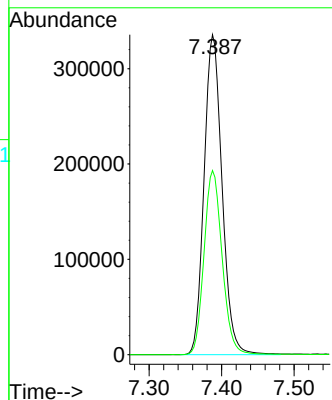
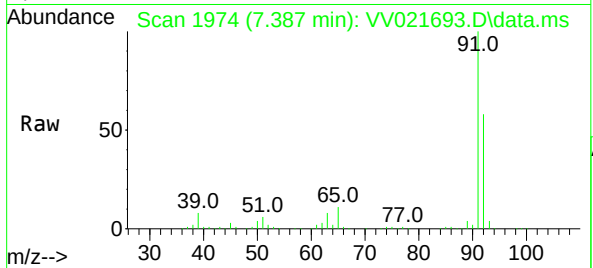




#42
Toluene
Concen: 49.323 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. 0.000 min
Lab File: VV021693.D
Acq: 20 Jul 2021 17:49

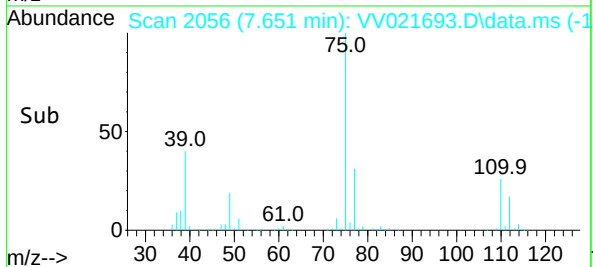
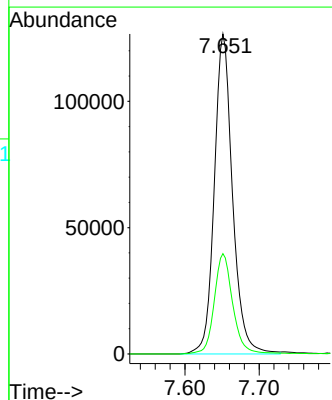
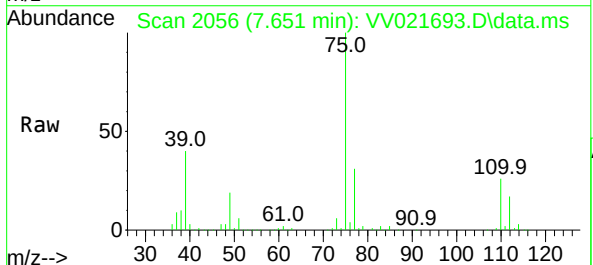
Instrument :
MSVOA_V
ClientSampleId :
VSTD050291

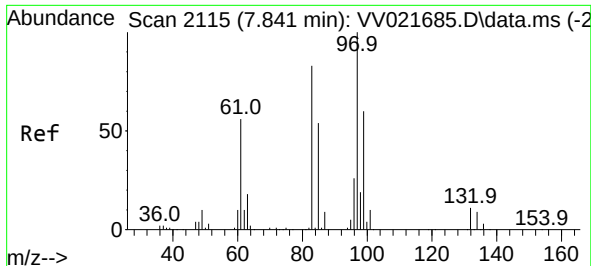
Tgt Ion: 91 Resp: 578158
Ion Ratio Lower Upper
91 100
92 57.5 40.2 74.6



#44
trans-1,3-Dichloropropene
Concen: 49.947 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VV021693.D
Acq: 20 Jul 2021 17:49

Tgt Ion: 75 Resp: 216242
Ion Ratio Lower Upper
75 100
77 31.3 21.8 40.4

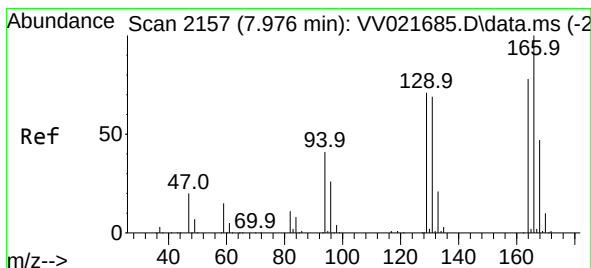
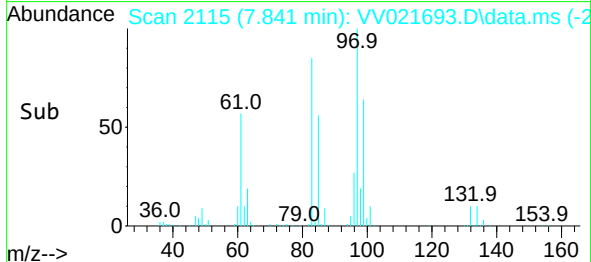
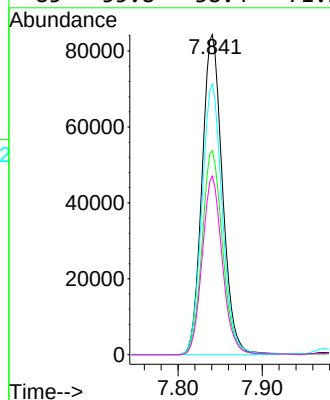
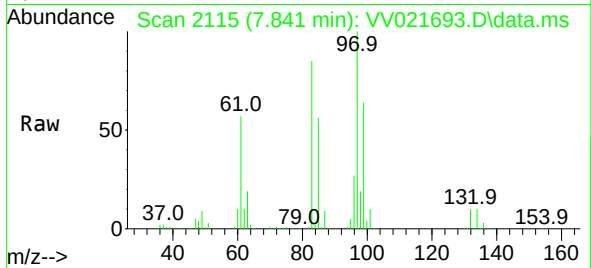




#45
1,1,2-Trichloroethane
Concen: 49.913 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VV021693.D
Acq: 20 Jul 2021 17:49

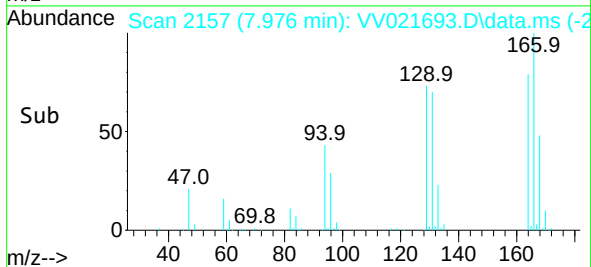
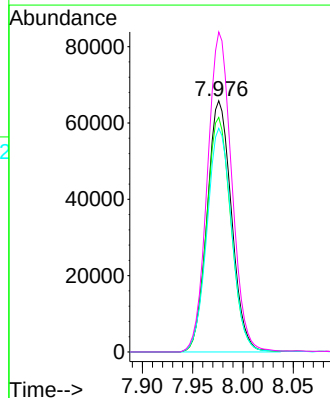
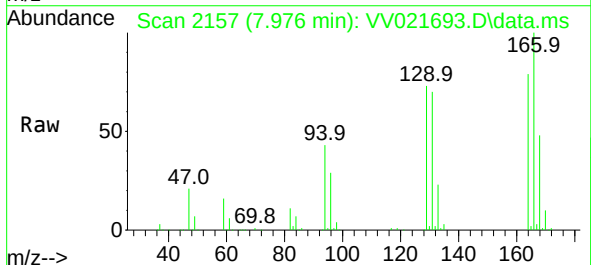
Instrument :
MSVOA_V
ClientSampleId :
VSTD050291

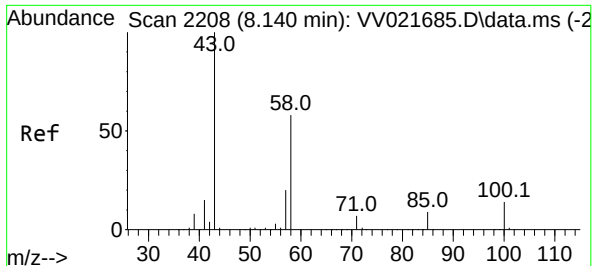
Tgt Ion:	97	Resp:	142431
Ion	Ratio	Lower	Upper
97	100		
99	63.7	44.0	81.8
83	84.6	59.1	109.9
85	55.8	38.4	71.2



#46
Tetrachloroethene
Concen: 48.496 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV021693.D
Acq: 20 Jul 2021 17:49

Tgt Ion:	164	Resp:	111319
Ion	Ratio	Lower	Upper
164	100		
129	93.4	63.8	118.6
131	89.0	62.1	115.3
166	127.4	87.9	163.3

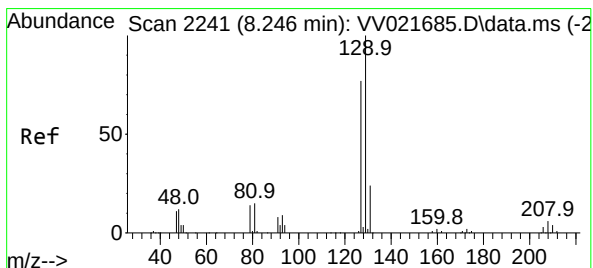
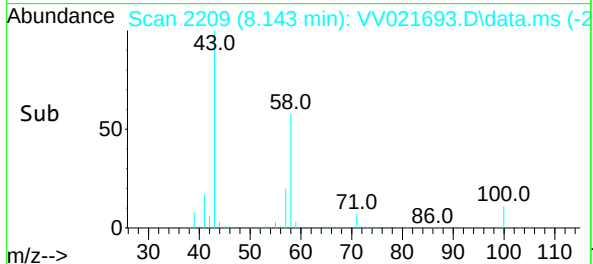
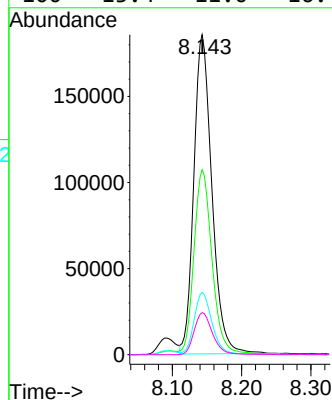
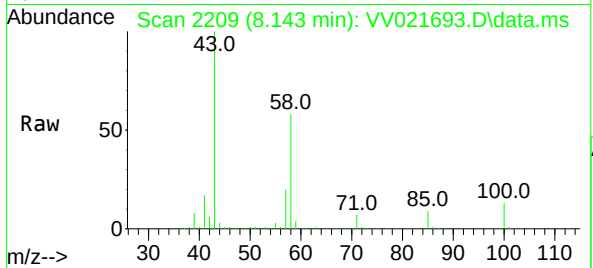




#48
2-Hexanone
Concen: 104.794 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VV021693.D
Acq: 20 Jul 2021 17:49

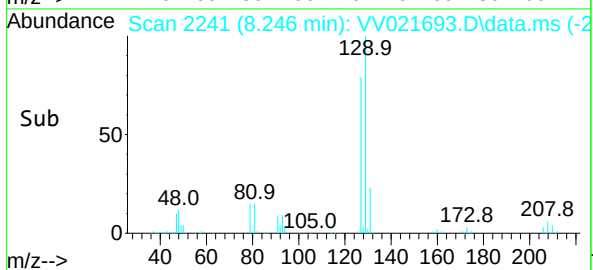
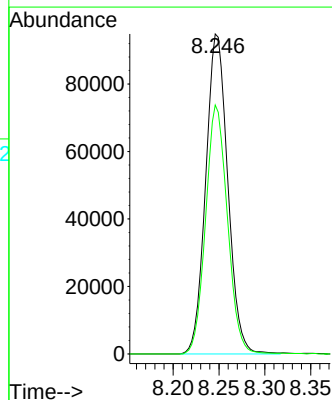
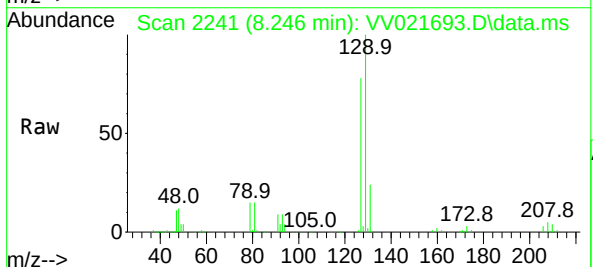
Instrument :
MSVOA_V
ClientSampleId :
VSTD050291

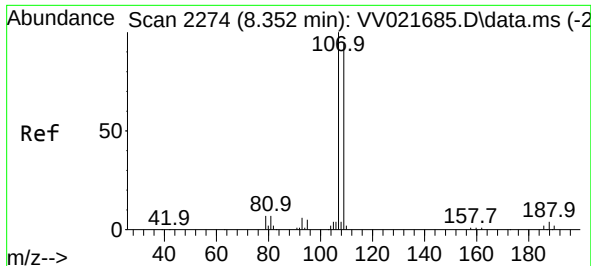
Tgt Ion:	43	Resp:	336754
Ion	Ratio	Lower	Upper
43	100		
58	57.3	46.0	69.0
57	19.2	15.6	23.4
100	13.4	11.0	16.4



#49
Dibromochloromethane
Concen: 49.181 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV021693.D
Acq: 20 Jul 2021 17:49

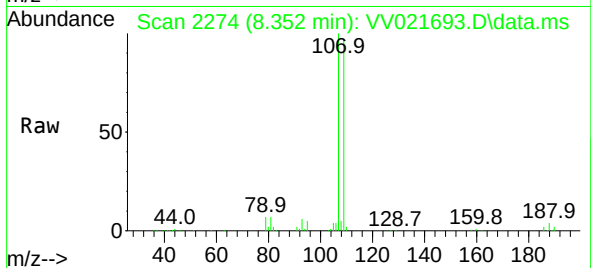
Tgt Ion:	129	Resp:	158592
Ion	Ratio	Lower	Upper
129	100		
127	77.8	55.6	103.4



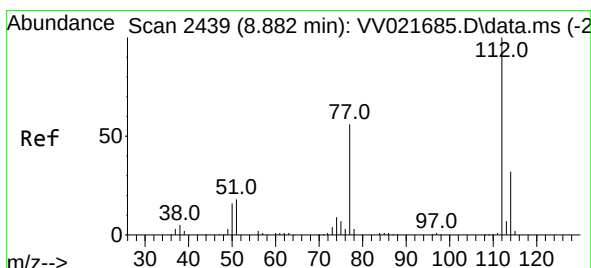
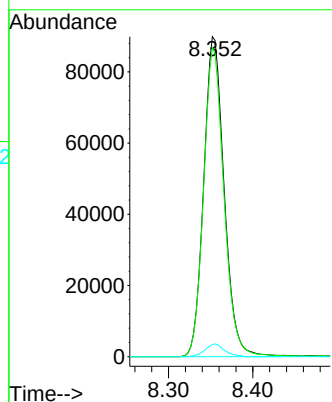
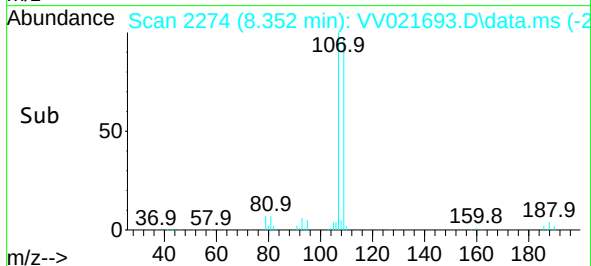


#50
1,2-Dibromoethane
Concen: 49.729 ug/L
RT: 8.352 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VV021693.D
Acq: 20 Jul 2021 17:49

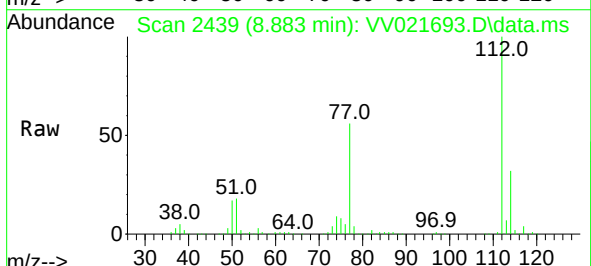
Instrument :
MSVOA_V
ClientSampleId :
VSTD050291



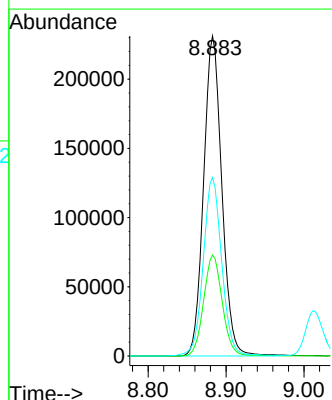
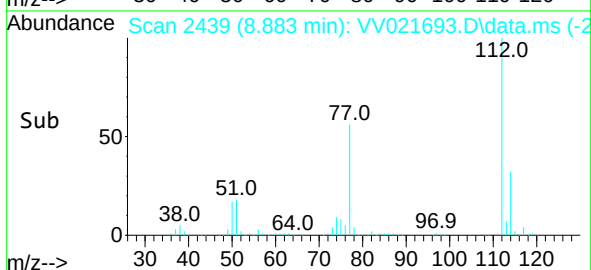
Tgt Ion:107 Resp: 151719
Ion Ratio Lower Upper
107 100
109 96.5 65.7 122.1
188 3.8 2.9 4.3

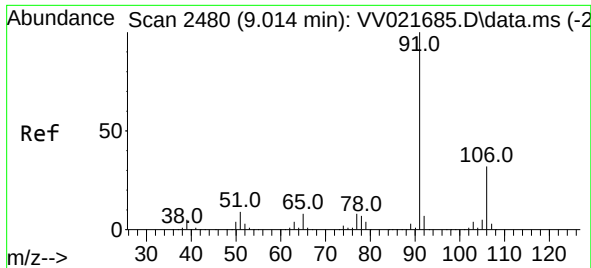


#51
Chlorobenzene
Concen: 48.886 ug/L
RT: 8.883 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VV021693.D
Acq: 20 Jul 2021 17:49



Tgt Ion:112 Resp: 375877
Ion Ratio Lower Upper
112 100
114 31.5 22.5 41.9
77 55.8 45.0 67.6

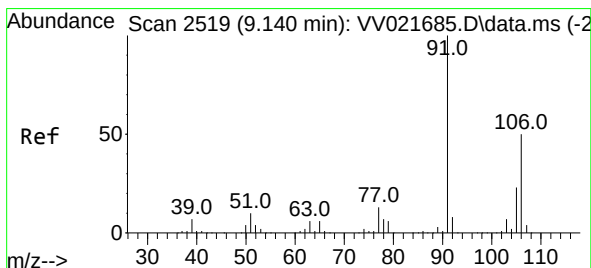
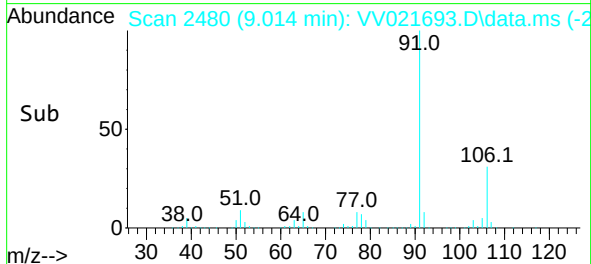
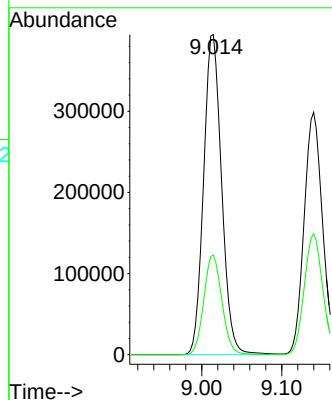
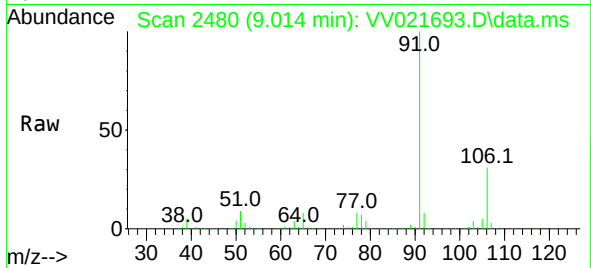




#52
Ethylbenzene
Concen: 49.356 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.000 min
Lab File: VV021693.D
Acq: 20 Jul 2021 17:49

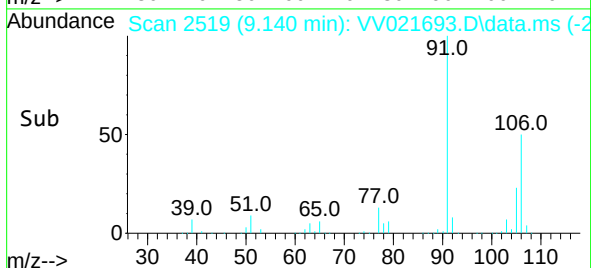
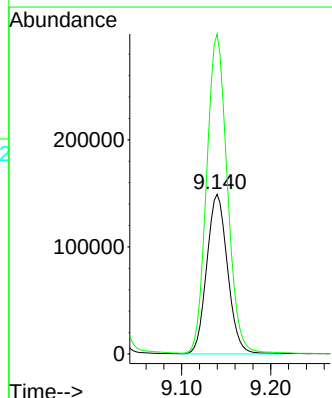
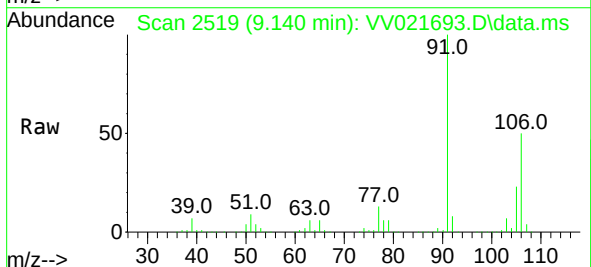
Instrument :
MSVOA_V
ClientSampleId :
VSTD050291

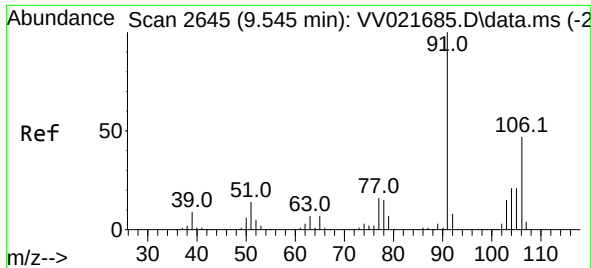
Tgt Ion: 91 Resp: 619828
Ion Ratio Lower Upper
91 100
106 31.2 22.1 41.1



#53
m,p-Xylene
Concen: 49.574 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV021693.D
Acq: 20 Jul 2021 17:49

Tgt Ion: 106 Resp: 241902
Ion Ratio Lower Upper
106 100
91 200.3 142.0 263.6

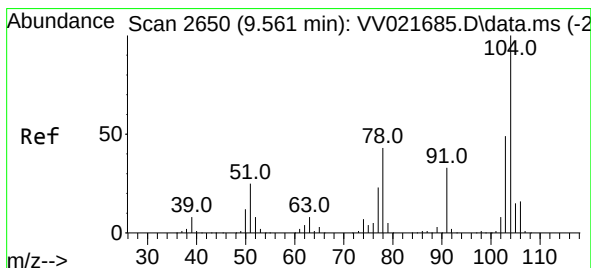
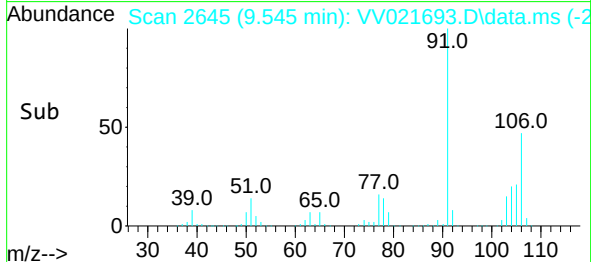
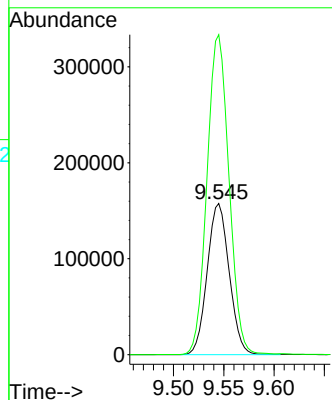
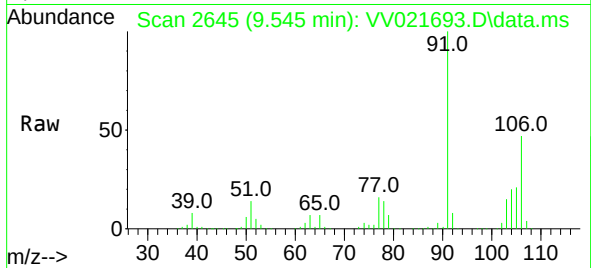




#54
o-Xylene
Concen: 49.077 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV021693.D
Acq: 20 Jul 2021 17:49

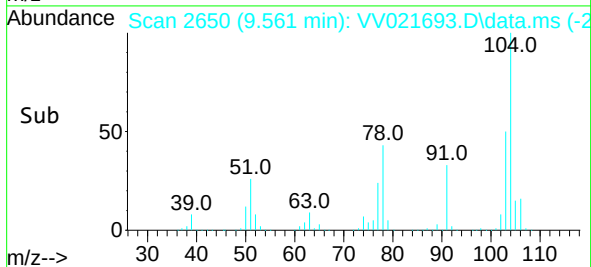
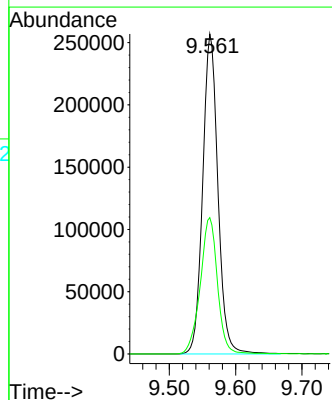
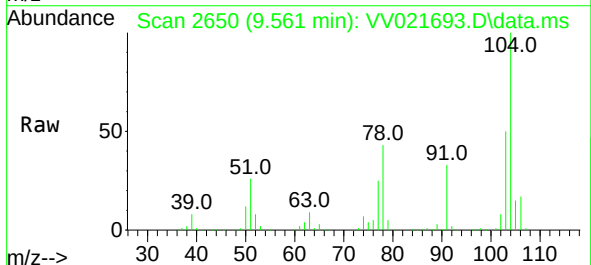
Instrument :
MSVOA_V
ClientSampleId :
VSTD050291

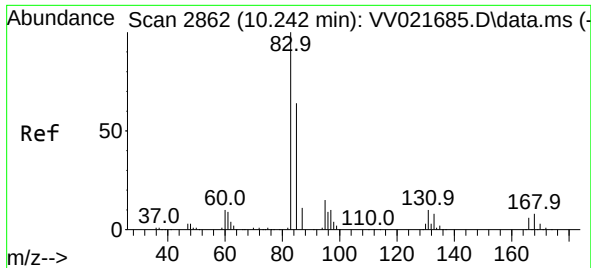
Tgt Ion:106 Resp: 239792
Ion Ratio Lower Upper
106 100
91 211.6 146.8 272.6



#55
Styrene
Concen: 49.783 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV021693.D
Acq: 20 Jul 2021 17:49

Tgt Ion:104 Resp: 409936
Ion Ratio Lower Upper
104 100
78 42.6 30.1 55.9

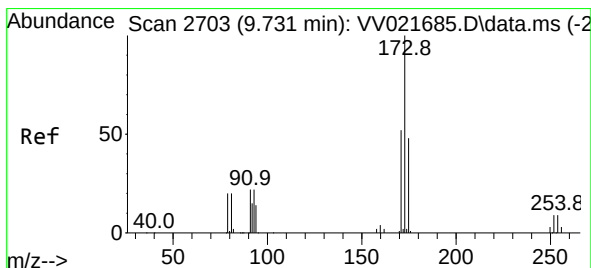
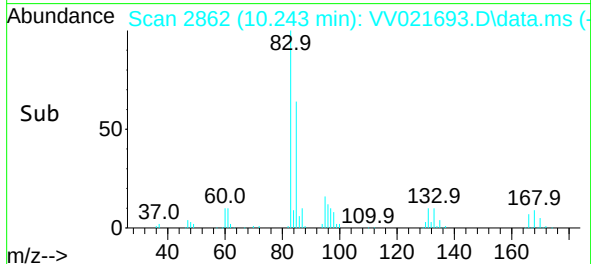
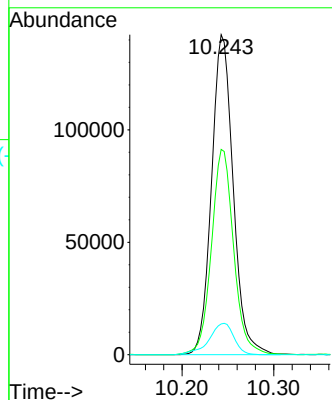
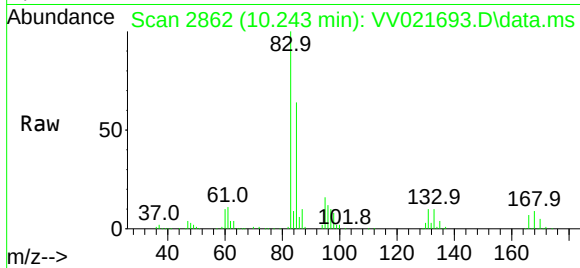




#57
 1,1,2,2-Tetrachloroethane
 Concen: 53.114 ug/L
 RT: 10.243 min Scan# 2862
 Delta R.T. 0.000 min
 Lab File: VV021693.D
 Acq: 20 Jul 2021 17:49

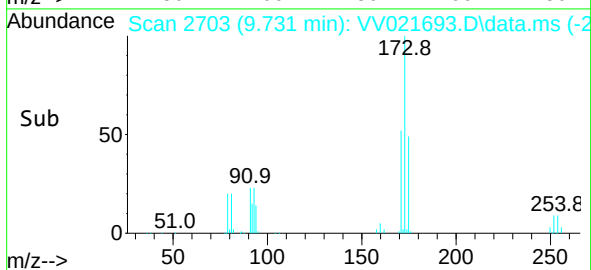
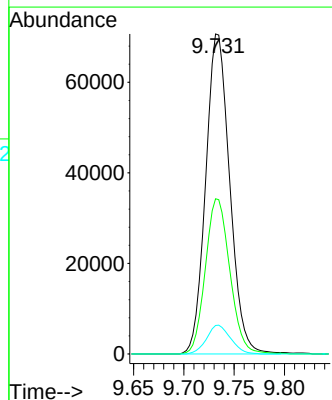
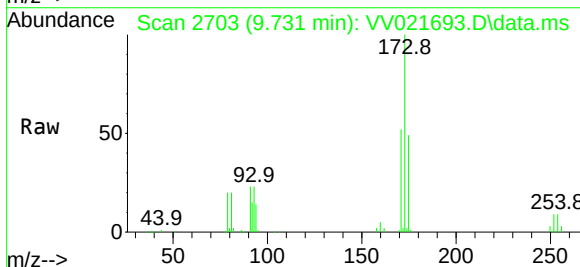
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050291

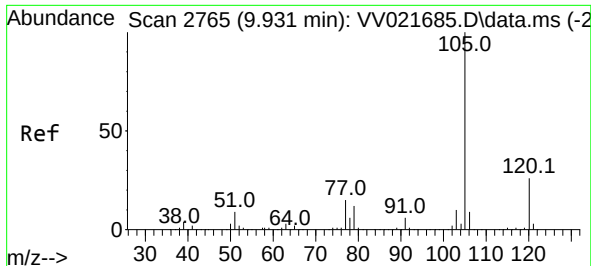
Tgt Ion: 83 Resp: 233302
 Ion Ratio Lower Upper
 83 100
 85 64.1 45.3 84.1
 131 9.6 8.2 12.2



#59
 Bromoform
 Concen: 46.961 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. 0.000 min
 Lab File: VV021693.D
 Acq: 20 Jul 2021 17:49

Tgt Ion: 173 Resp: 117385
 Ion Ratio Lower Upper
 173 100
 175 49.3 38.3 57.5
 254 9.0 7.0 10.4

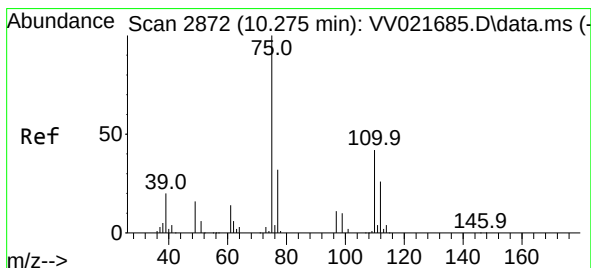
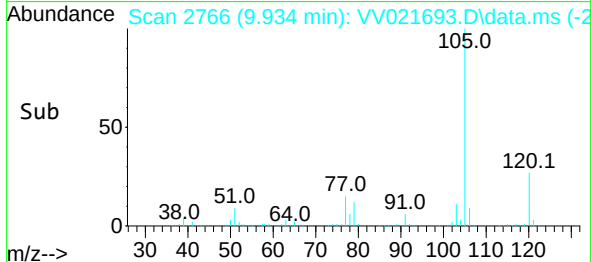
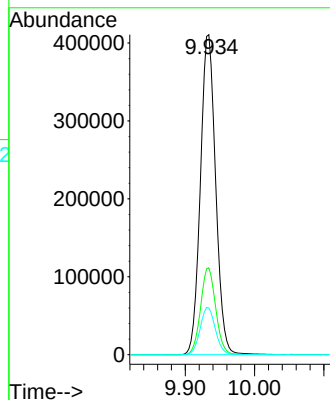
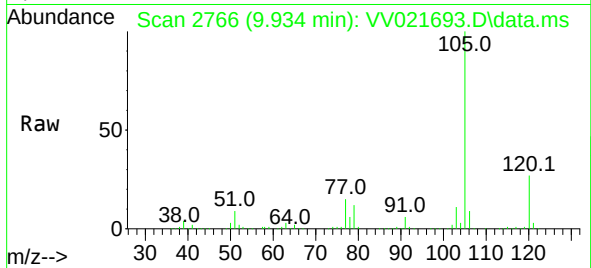




#60
Isopropylbenzene
Concen: 47.752 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VV021693.D
Acq: 20 Jul 2021 17:49

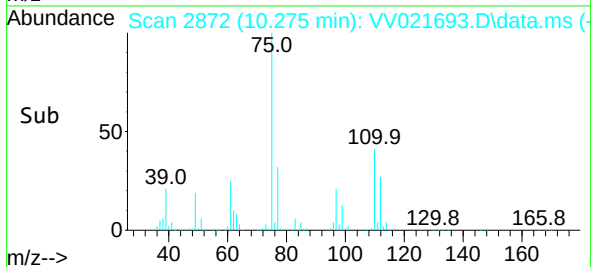
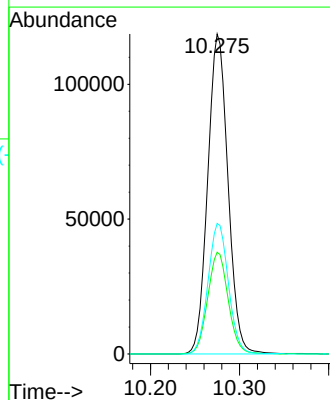
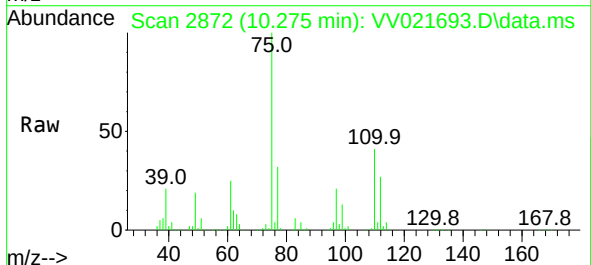
Instrument :
MSVOA_V
ClientSampleId :
VSTD050291

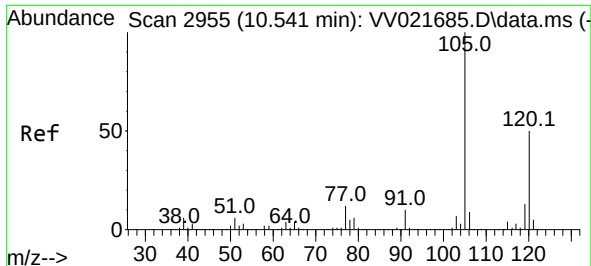
Tgt Ion:105 Resp: 628227
Ion Ratio Lower Upper
105 100
120 27.0 21.5 32.3
77 14.8 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 49.760 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV021693.D
Acq: 20 Jul 2021 17:49

Tgt Ion: 75 Resp: 187105
Ion Ratio Lower Upper
75 100
77 32.2 26.1 39.1
110 41.1 32.9 49.3

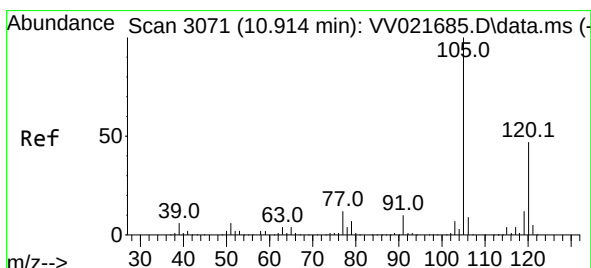
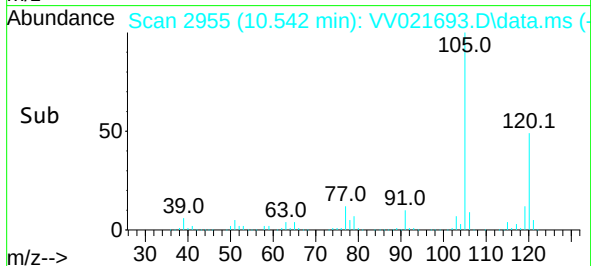
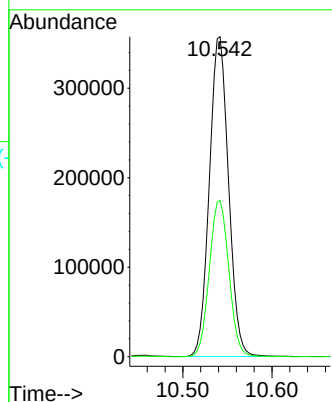
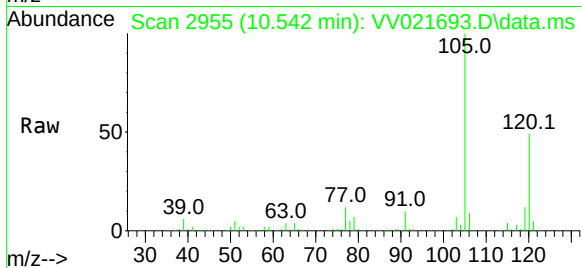




#62
1,3,5-Trimethylbenzene
Concen: 48.083 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.000 min
Lab File: VV021693.D
Acq: 20 Jul 2021 17:49

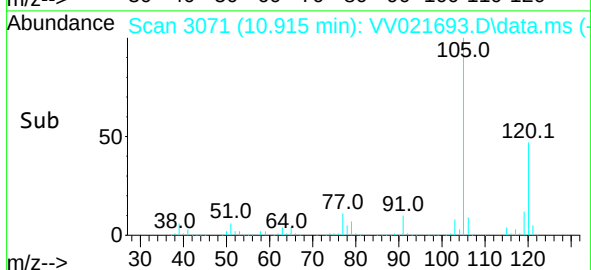
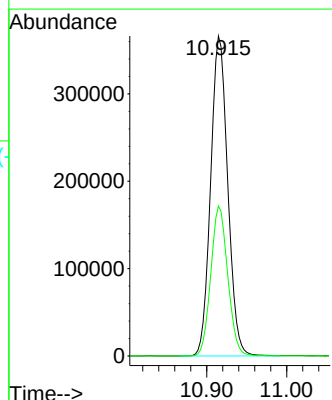
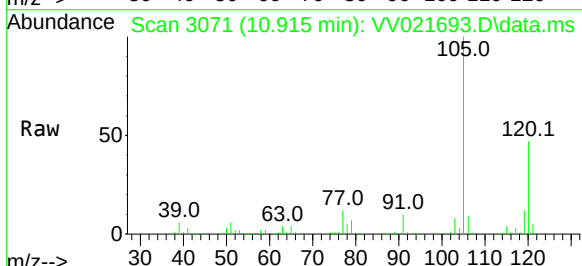
Instrument :
MSVOA_V
ClientSampleId :
VSTD050291

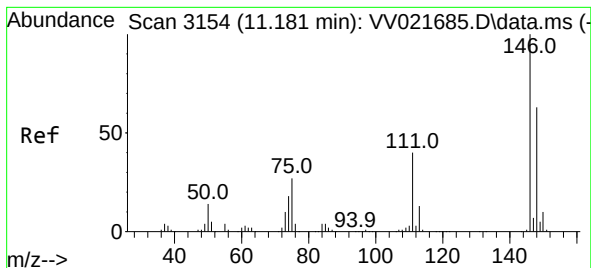
Tgt Ion:105 Resp: 533357
Ion Ratio Lower Upper
105 100
120 49.8 39.7 59.5



#63
1,2,4-Trimethylbenzene
Concen: 48.568 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV021693.D
Acq: 20 Jul 2021 17:49

Tgt Ion:105 Resp: 544224
Ion Ratio Lower Upper
105 100
120 46.4 37.0 55.4

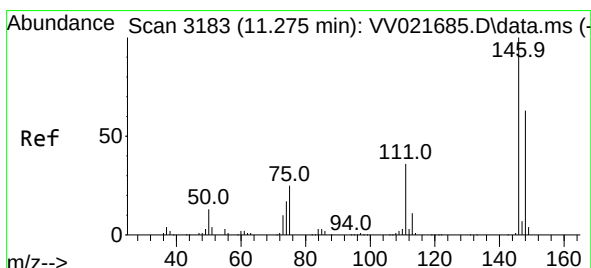
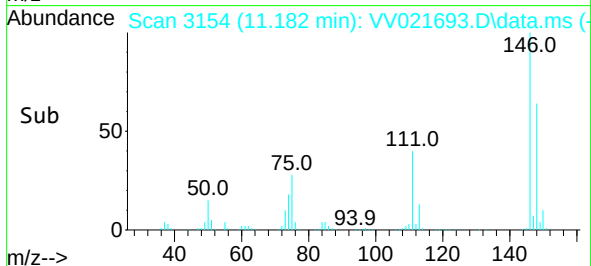
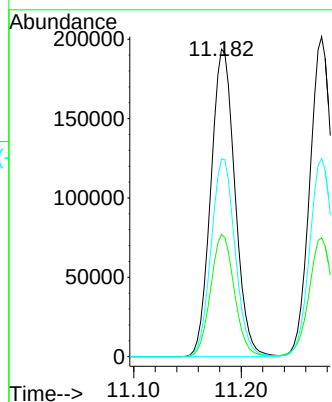
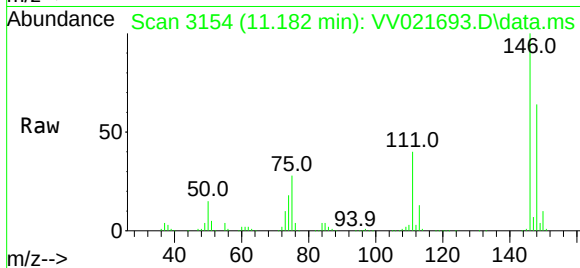




#64
1,3-Dichlorobenzene
Concen: 48.587 ug/L
RT: 11.182 min Scan# 3154
Delta R.T. 0.000 min
Lab File: VV021693.D
Acq: 20 Jul 2021 17:49

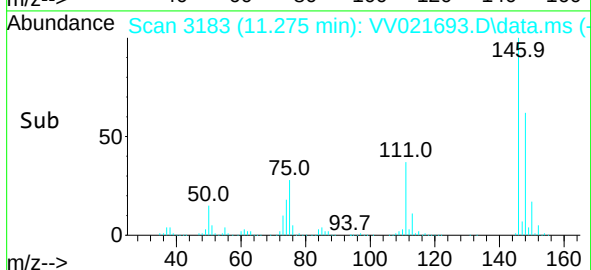
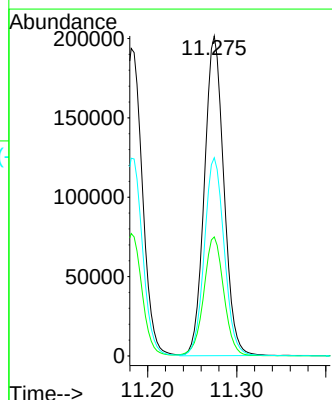
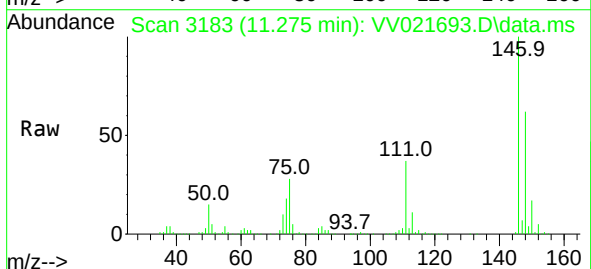
Instrument :
MSVOA_V
ClientSampleId :
VSTD050291

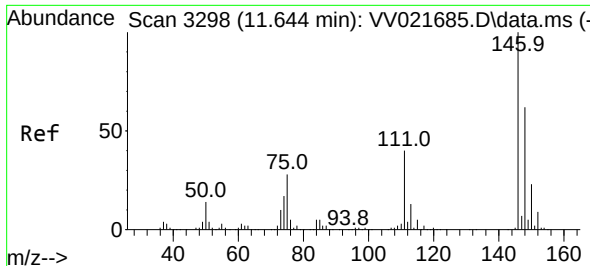
Tgt Ion:146 Resp: 302112
Ion Ratio Lower Upper
146 100
111 39.8 27.2 50.6
148 64.3 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 49.082 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.000 min
Lab File: VV021693.D
Acq: 20 Jul 2021 17:49

Tgt Ion:146 Resp: 305490
Ion Ratio Lower Upper
146 100
111 37.2 26.1 48.5
148 62.0 44.8 83.2

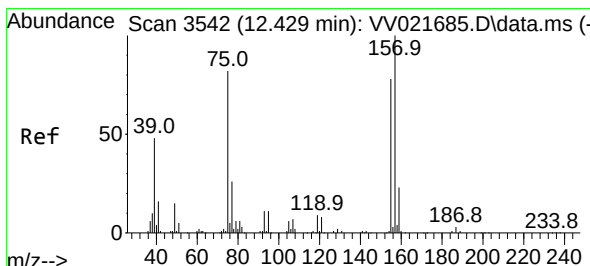
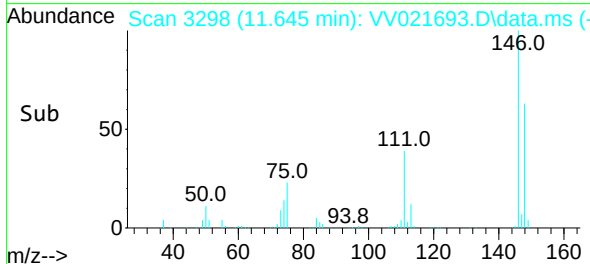
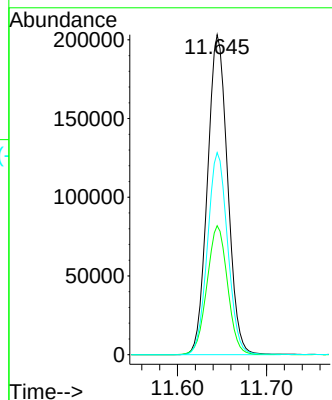
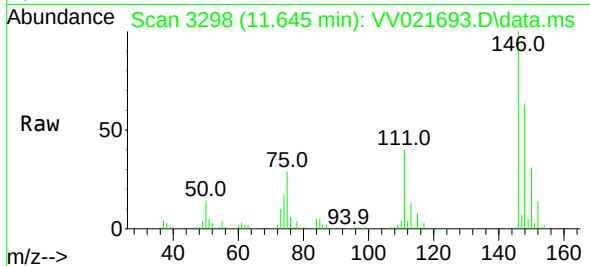




#67
1,2-Dichlorobenzene
Concen: 50.489 ug/L
RT: 11.645 min Scan# 3298
Delta R.T. 0.000 min
Lab File: VV021693.D
Acq: 20 Jul 2021 17:49

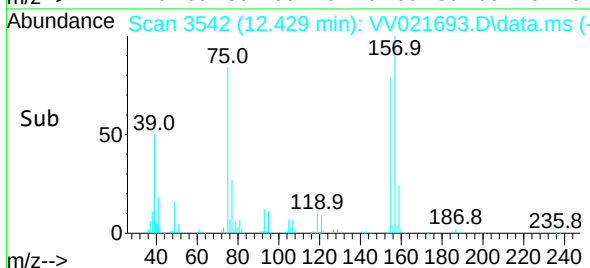
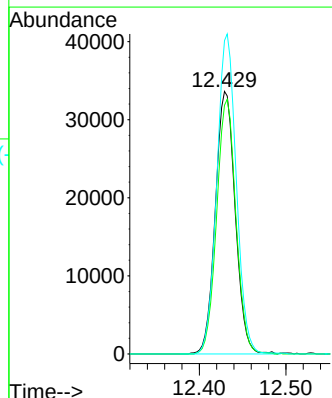
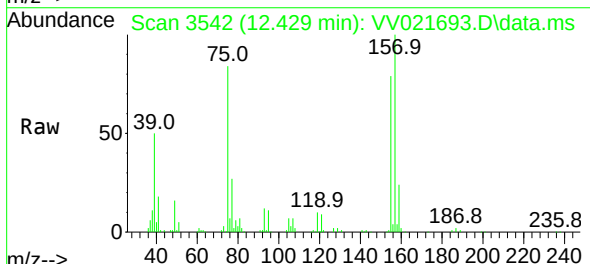
Instrument :
MSVOA_V
ClientSampleId :
VSTD050291

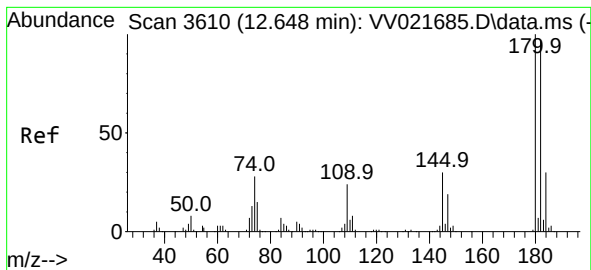
Tgt Ion:	146	Resp:	318671
Ion	Ratio	Lower	Upper
146	100		
111	40.3	32.1	48.1
148	63.2	51.6	77.4



#68
1,2-Dibromo-3-chloropropane
Concen: 51.716 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV021693.D
Acq: 20 Jul 2021 17:49

Tgt Ion:	75	Resp:	53791
Ion	Ratio	Lower	Upper
75	100		
155	94.8	77.0	115.4
157	119.4	100.7	151.1

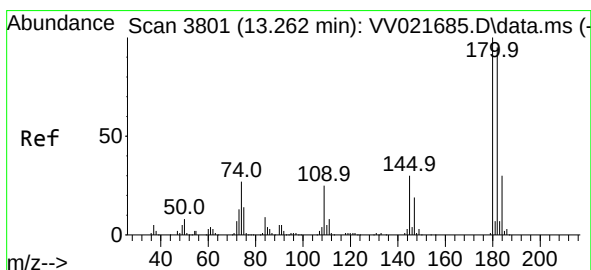
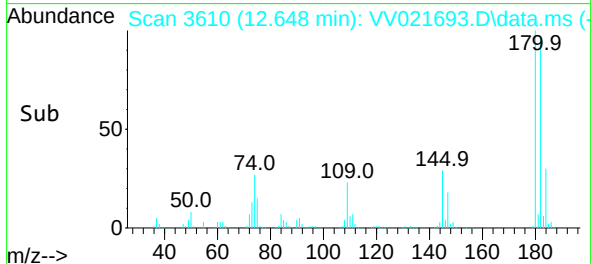
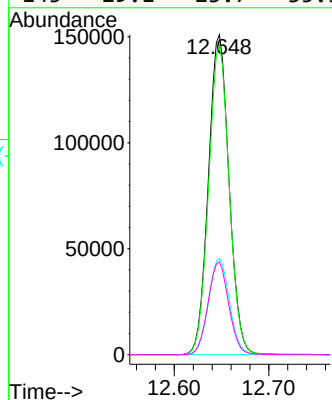
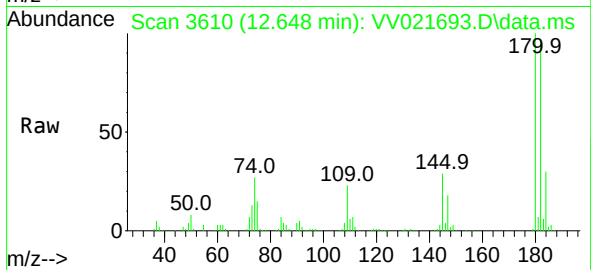




#69
 1,3,5-Trichlorobenzene
 Concen: 49.643 ug/L
 RT: 12.648 min Scan# 3610
 Delta R.T. 0.000 min
 Lab File: VV021693.D
 Acq: 20 Jul 2021 17:49

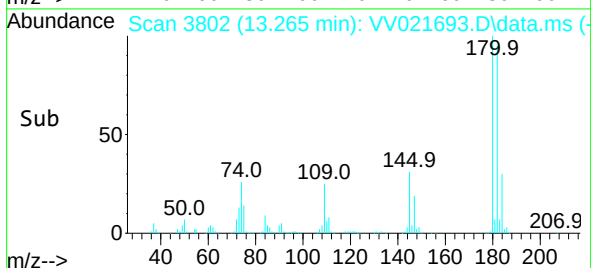
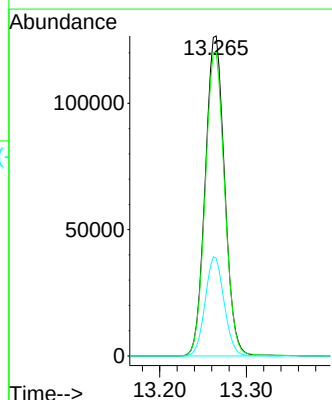
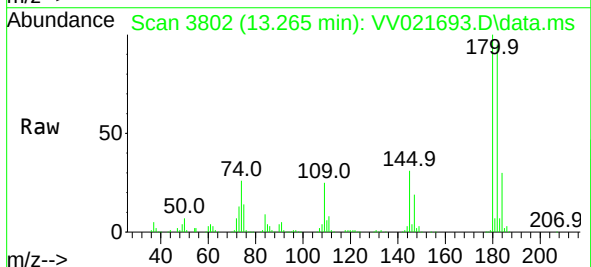
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050291

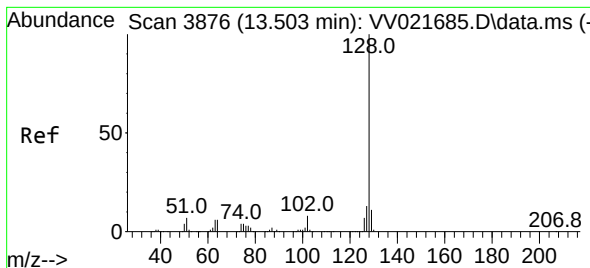
Tgt Ion:180 Resp: 228921
 Ion Ratio Lower Upper
 180 100
 182 96.7 75.9 113.9
 184 30.4 24.9 37.3
 145 29.1 23.7 35.5



#70
 1,2,4-trichlorobenzene
 Concen: 48.285 ug/L
 RT: 13.265 min Scan# 3802
 Delta R.T. 0.003 min
 Lab File: VV021693.D
 Acq: 20 Jul 2021 17:49

Tgt Ion:180 Resp: 196438
 Ion Ratio Lower Upper
 180 100
 182 95.4 76.7 115.1
 145 30.3 24.5 36.7

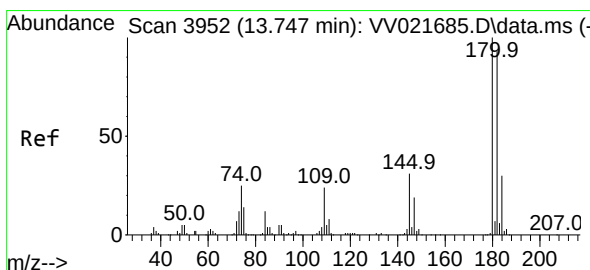
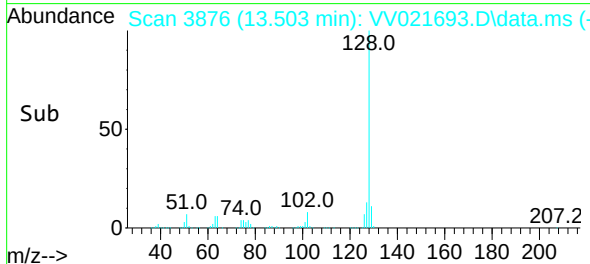
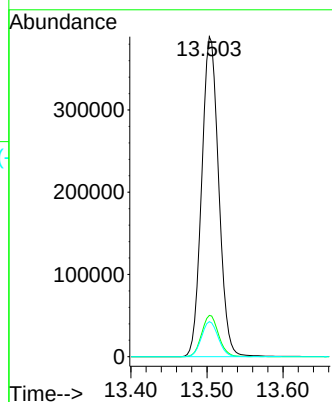
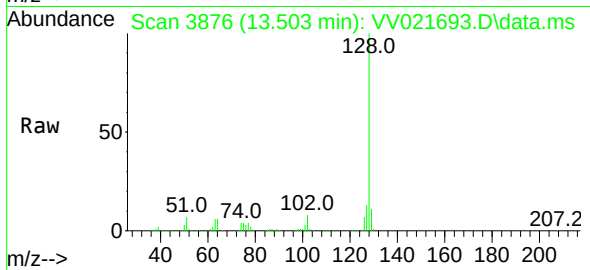




#71
Naphthalene
Concen: 47.958 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV021693.D
Acq: 20 Jul 2021 17:49

Instrument :
MSVOA_V
ClientSampleId :
VSTD050291

Tgt Ion:128 Resp: 602941
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.8 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 46.957 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.003 min
Lab File: VV021693.D
Acq: 20 Jul 2021 17:49

Tgt Ion:180 Resp: 194767
Ion Ratio Lower Upper
180 100
182 94.2 75.8 113.8
145 31.9 25.5 38.3

