

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072021\
 Data File : VV021685.D
 Acq On : 20 Jul 2021 10:05
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050290

Quant Time: Jul 21 00:57:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 20 01:38:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	462691	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	432157	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	226249	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	156426	47.790	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.580%
7) Chloroethane-d5	1.564	69	97481	43.043	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.080%
11) 1,1-Dichloroethene-d2	2.108	63	269706	49.448	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.900%
21) 2-Butanone-d5	3.876	46	253618	100.528	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.530%
24) Chloroform-d	4.349	84	306297	49.281	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.560%
26) 1,2-Dichloroethane-d4	5.030	65	181267	49.239	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.480%
32) Benzene-d6	5.050	84	618078	48.594	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.180%
36) 1,2-Dichloropropane-d6	6.069	67	195086	49.055	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.100%
41) Toluene-d8	7.317	98	578191	49.202	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.400%
43) trans-1,3-Dichloroprop...	7.622	79	98397	49.634	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.260%
47) 2-Hexanone-d5	8.088	63	178595	99.436	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.440%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	258273	49.166	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.340%
66) 1,2-Dichlorobenzene-d4	11.625	152	227050	48.543	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	162011	48.454	ug/L	100
3) Chloromethane	1.240	50	151662	48.053	ug/L	100
5) Vinyl chloride	1.310	62	158591	48.232	ug/L	99
6) Bromomethane	1.519	94	88030	56.153	ug/L	99
8) Chloroethane	1.580	64	78427	42.054	ug/L	97
9) Trichlorofluoromethane	1.751	101	225354	48.723	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	130946	50.132	ug/L	99
12) 1,1-Dichloroethene	2.117	96	117639	48.263	ug/L	88
13) Acetone	2.169	43	207331	129.572	ug/L	99
14) Carbon disulfide	2.291	76	351894	47.814	ug/L	99
15) Methyl Acetate	2.429	43	169000	48.161	ug/L	98
16) Methylene chloride	2.506	84	158849	45.088	ug/L	99
17) trans-1,2-Dichloroethene	2.760	96	140374	48.277	ug/L	96
18) Methyl tert-butyl Ether	2.767	73	472243	47.884	ug/L	99
19) 1,1-Dichloroethane	3.188	63	264128	48.111	ug/L	99
20) cis-1,2-Dichloroethene	3.908	96	161137	47.889	ug/L	99
22) 2-Butanone	3.960	43	273109	111.858	ug/L	97
23) Bromochloromethane	4.246	128	84383	47.397	ug/L	99
25) Chloroform	4.375	83	271738	47.886	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072021\
 Data File : VW021685.D
 Acq On : 20 Jul 2021 10:05
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

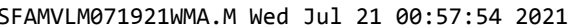
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050290

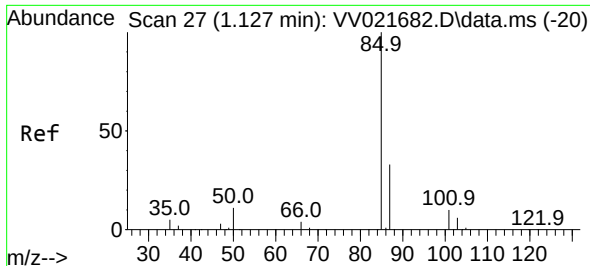
Quant Time: Jul 21 00:57:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 20 01:38:43 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	196579	48.264	ug/L	99
29) Cyclohexane	4.677	56	233213	48.781	ug/L	100
30) 1,1,1-Trichloroethane	4.606	97	241294	47.228	ug/L	100
31) Carbon tetrachloride	4.828	117	210652	47.874	ug/L	100
33) Benzene	5.098	78	593311	48.296	ug/L	100
34) Trichloroethene	5.915	95	161252	48.602	ug/L	97
35) Methylcyclohexane	6.130	83	241728	48.640	ug/L	99
37) 1,2-Dichloropropane	6.172	63	152744	47.439	ug/L	99
38) Bromodichloromethane	6.509	83	205944	47.489	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	243501	47.223	ug/L	99
40) 4-Methyl-2-pentanone	7.226	43	458258	97.321	ug/L	99
42) Toluene	7.387	91	640336	48.408	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	237400	48.592	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	155337	48.239	ug/L	98
46) Tetrachloroethene	7.976	164	126198	48.719	ug/L	98
48) 2-Hexanone	8.140	43	373840	103.091	ug/L	99
49) Dibromochloromethane	8.246	129	176757	48.574	ug/L	97
50) 1,2-Dibromoethane	8.352	107	165405	48.043	ug/L	100
51) Chlorobenzene	8.882	112	416768	48.034	ug/L	100
52) Ethylbenzene	9.014	91	690695	48.737	ug/L	100
53) m,p-Xylene	9.140	106	269555	48.952	ug/L	98
54) o-Xylene	9.545	106	265749	48.197	ug/L	98
55) Styrene	9.561	104	460872	49.597	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.242	83	238165	48.048	ug/L	100
59) Bromoform	9.731	173	130682	46.845	ug/L	100
60) Isopropylbenzene	9.931	105	708962	48.287	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	195107	46.494	ug/L	99
62) 1,3,5-Trimethylbenzene	10.541	105	593814	47.968	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	606923	48.533	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	333849	48.109	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	334674	48.181	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	338028	47.989	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	54305	46.783	ug/L	98
69) 1,3,5-Trichlorobenzene	12.648	180	247507	48.094	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	215207	47.399	ug/L	100
71) Naphthalene	13.503	128	655003	46.683	ug/L	100
72) 1,2,3-Trichlorobenzene	13.747	180	218450	47.192	ug/L	99

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

Quant Time: Jul 21 00:57:46 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071921WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 20 01:38:43 2021
Response via : Initial Calibration

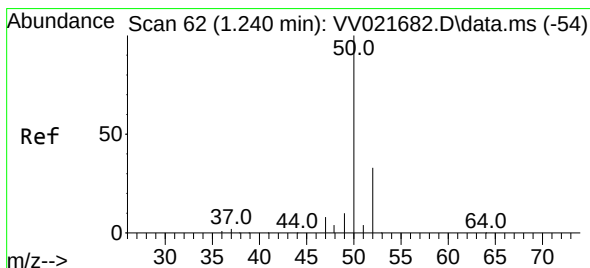
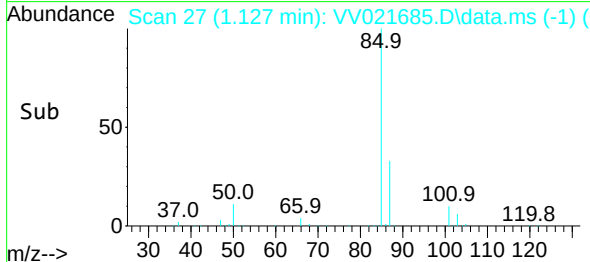
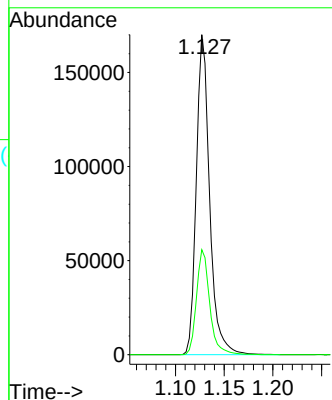
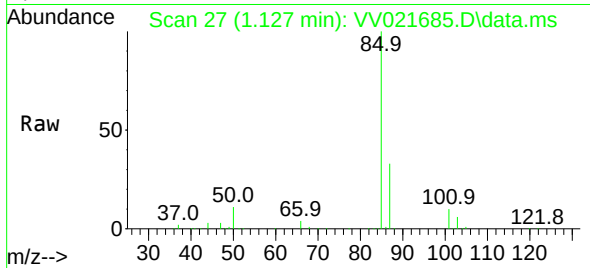




#2
 Dichlorodifluoromethane
 Concen: 48.454 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. -0.000 min
 Lab File: VV021685.D
 Acq: 20 Jul 2021 10:05

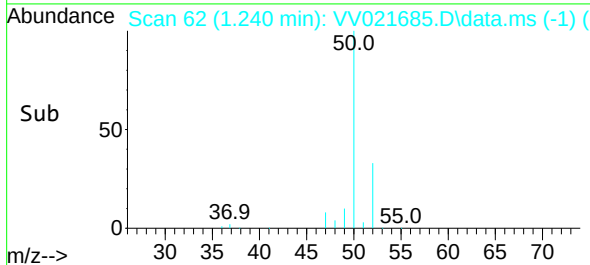
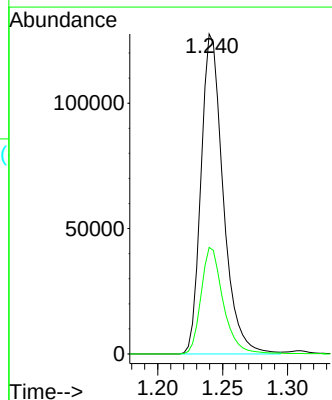
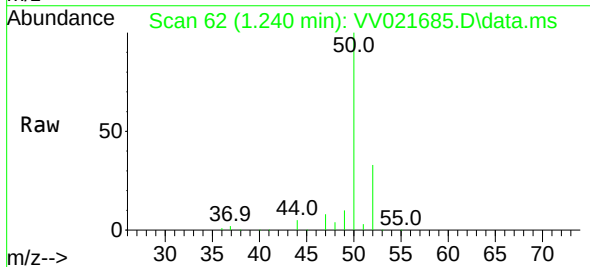
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050290

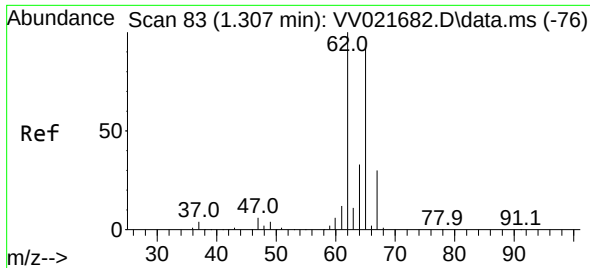
Tgt Ion: 85 Resp: 162011
 Ion Ratio Lower Upper
 85 100
 87 32.6 26.0 39.0



#3
 Chloromethane
 Concen: 48.053 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV021685.D
 Acq: 20 Jul 2021 10:05

Tgt Ion: 50 Resp: 151662
 Ion Ratio Lower Upper
 50 100
 52 33.3 23.2 43.2

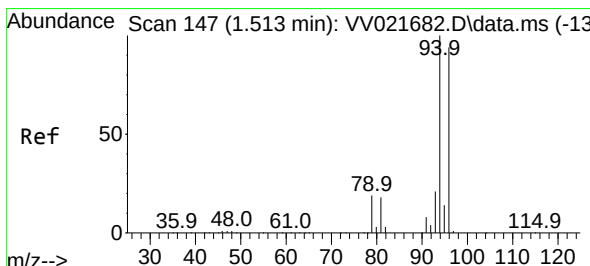
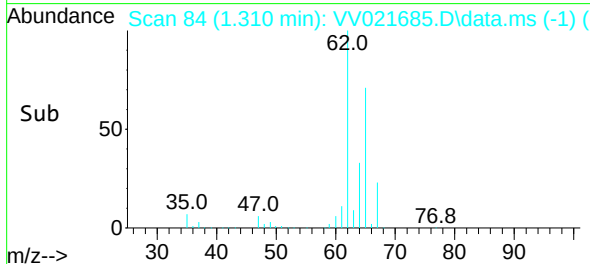
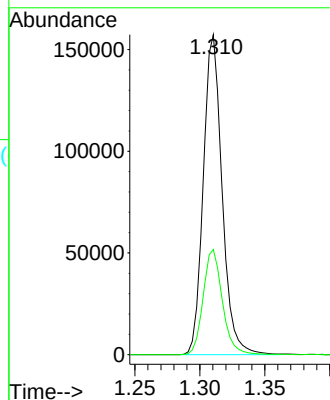
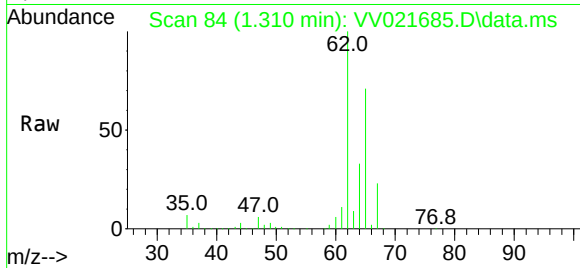




#5
 Vinyl chloride
 Concen: 48.232 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV021685.D
 Acq: 20 Jul 2021 10:05

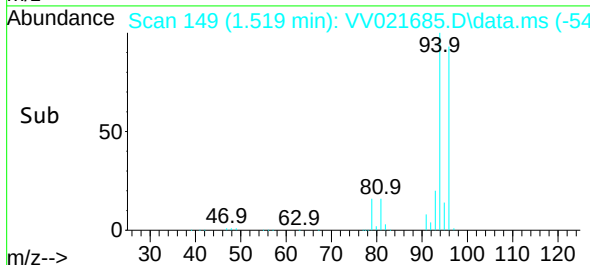
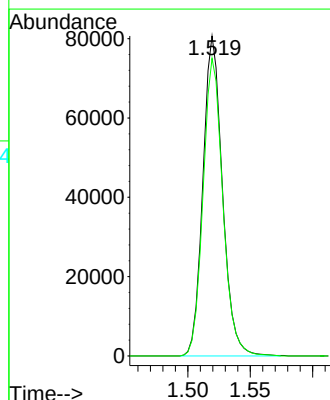
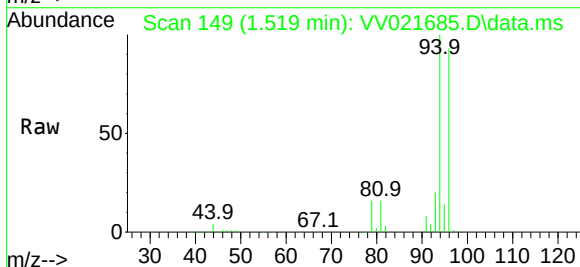
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050290

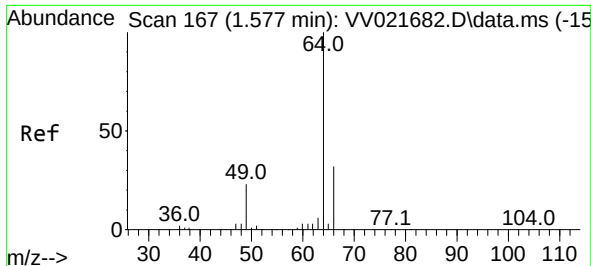
Tgt Ion: 62 Resp: 158591
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.4 43.4



#6
 Bromomethane
 Concen: 56.153 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. 0.006 min
 Lab File: VV021685.D
 Acq: 20 Jul 2021 10:05

Tgt Ion: 94 Resp: 88030
 Ion Ratio Lower Upper
 94 100
 96 93.0 66.0 122.6

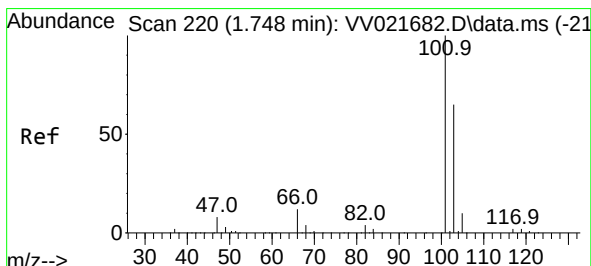
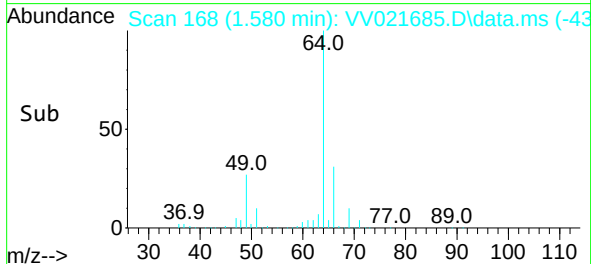
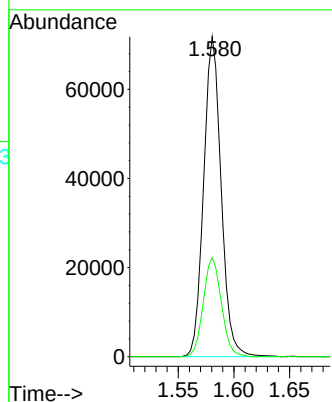
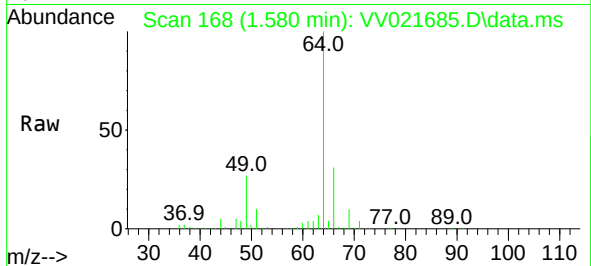




#8
Chloroethane
Concen: 42.054 ug/L
RT: 1.580 min Scan# 168
Delta R.T. 0.003 min
Lab File: VV021685.D
Acq: 20 Jul 2021 10:05

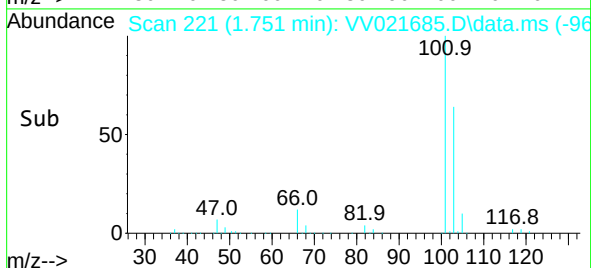
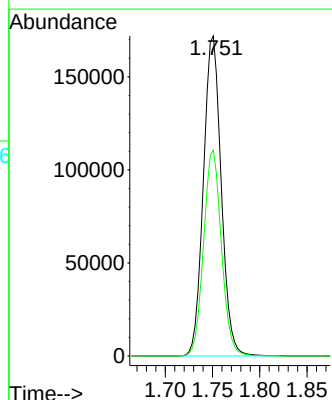
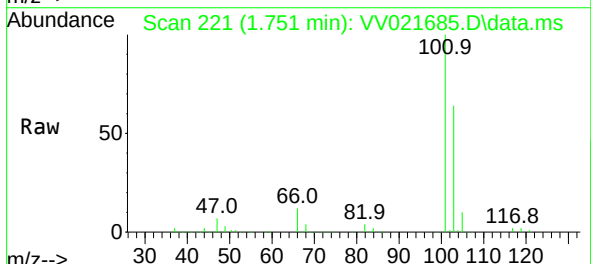
Instrument :
MSVOA_V
ClientSampleId :
VSTD050290

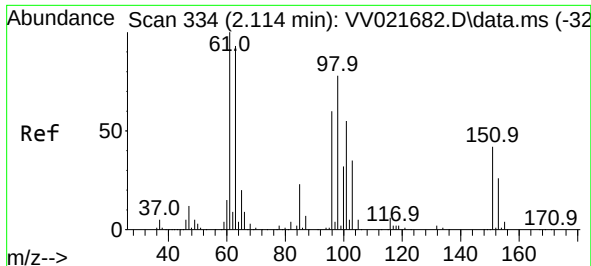
Tgt Ion: 64 Resp: 78427
Ion Ratio Lower Upper
64 100
66 31.0 22.7 42.1



#9
Trichlorofluoromethane
Concen: 48.723 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.003 min
Lab File: VV021685.D
Acq: 20 Jul 2021 10:05

Tgt Ion:101 Resp: 225354
Ion Ratio Lower Upper
101 100
103 64.4 51.4 77.0





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 50.132 ug/L

RT: 2.114 min Scan# 334

Delta R.T. 0.000 min

Lab File: VV021685.D

Acq: 20 Jul 2021 10:05

Tgt Ion:101 Resp: 130946

Ion Ratio Lower Upper

101 100

85 41.1 33.6 50.4

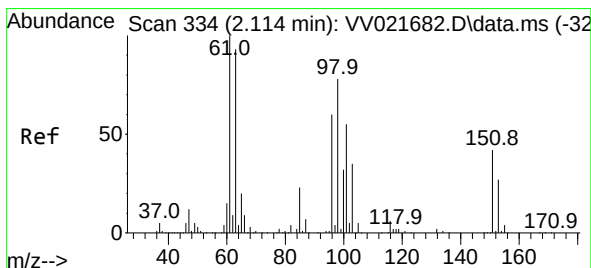
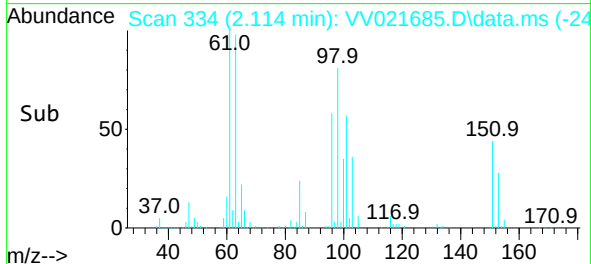
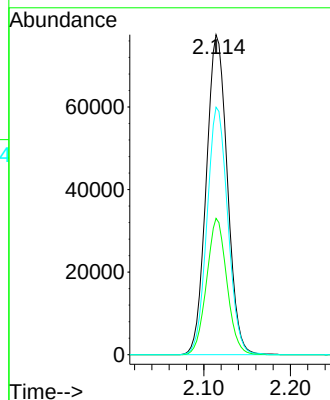
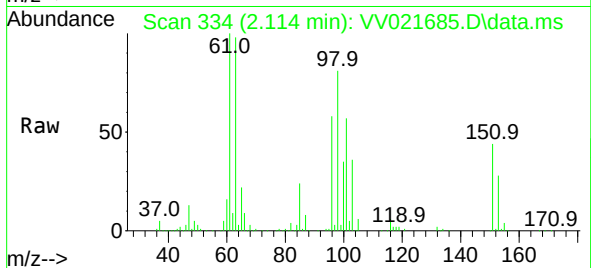
151 76.6 62.0 93.0

Instrument :

MSVOA_V

ClientSampleId :

VSTD050290



#12

1,1-Dichloroethene

Concen: 48.263 ug/L

RT: 2.117 min Scan# 335

Delta R.T. 0.003 min

Lab File: VV021685.D

Acq: 20 Jul 2021 10:05

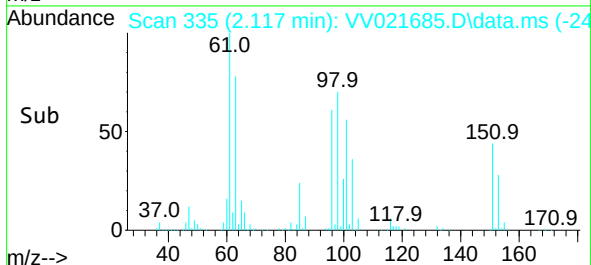
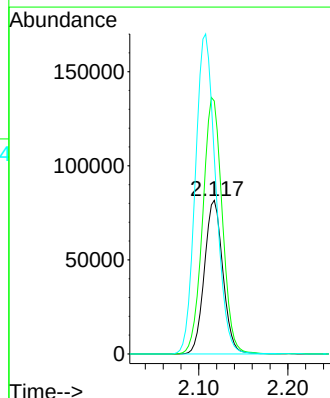
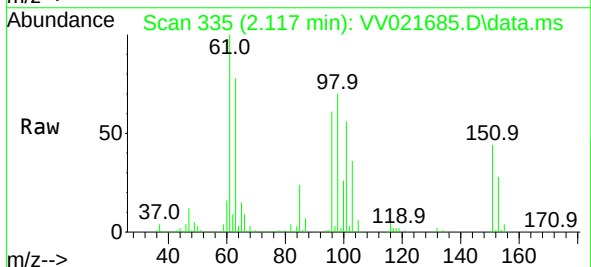
Tgt Ion: 96 Resp: 117639

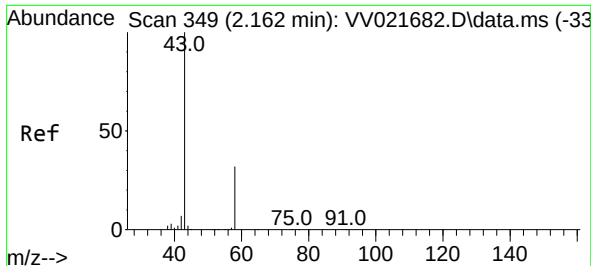
Ion Ratio Lower Upper

96 100

61 164.7 117.5 218.1

63 128.5 110.1 204.5

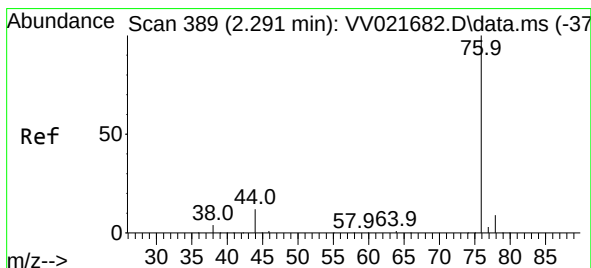
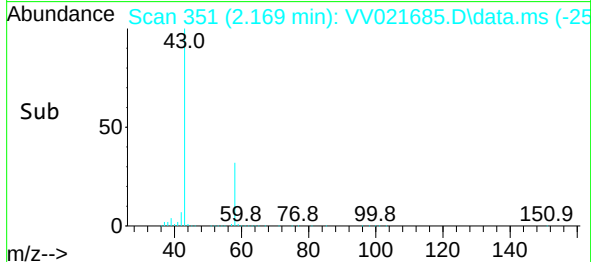
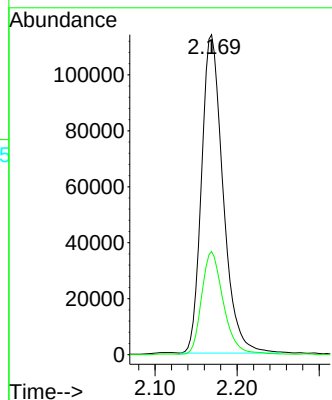
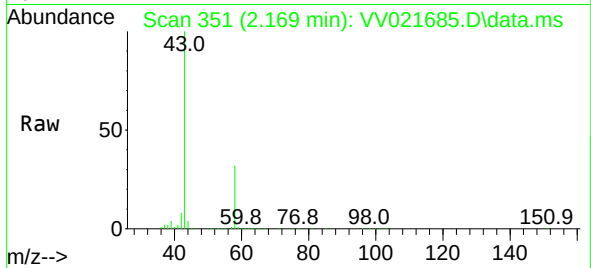




#13
Acetone
Concen: 129.572 ug/L
RT: 2.169 min Scan# 351
Delta R.T. 0.006 min
Lab File: VV021685.D
Acq: 20 Jul 2021 10:05

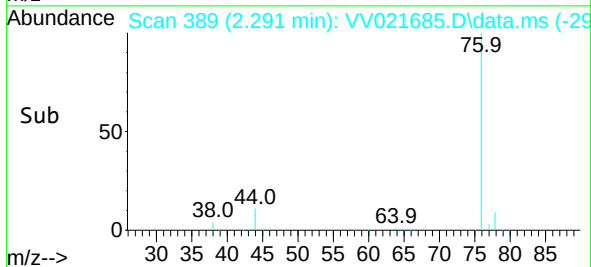
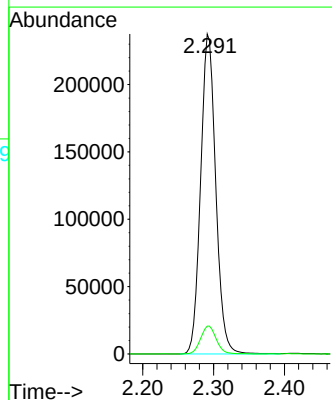
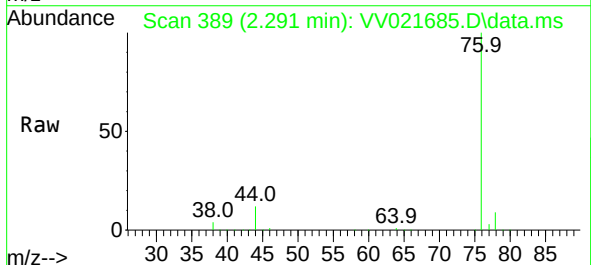
Instrument :
MSVOA_V
ClientSampleId :
VSTD050290

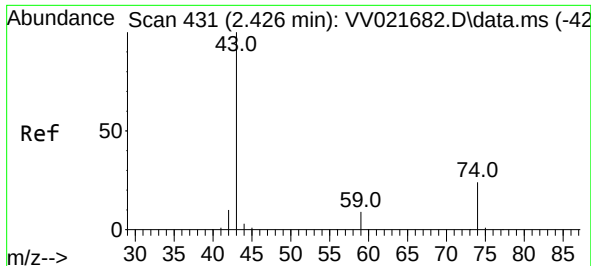
Tgt Ion: 43 Resp: 207331
Ion Ratio Lower Upper
43 100
58 33.1 0.0 64.6



#14
Carbon disulfide
Concen: 47.814 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.000 min
Lab File: VV021685.D
Acq: 20 Jul 2021 10:05

Tgt Ion: 76 Resp: 351894
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8

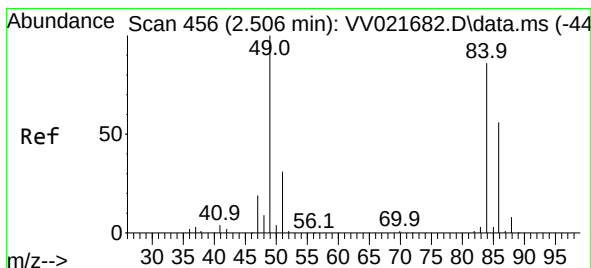
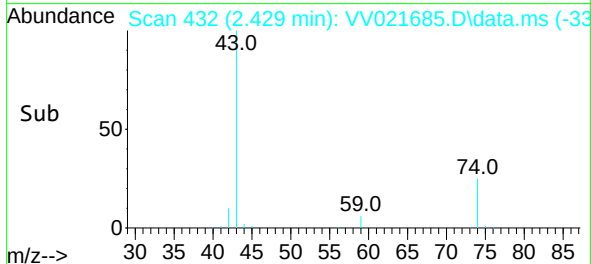
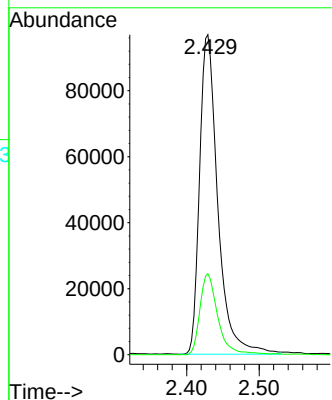
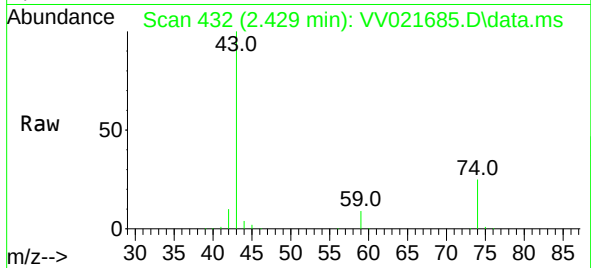




#15
Methyl Acetate
Concen: 48.161 ug/L
RT: 2.429 min Scan# 432
Delta R.T. 0.003 min
Lab File: VV021685.D
Acq: 20 Jul 2021 10:05

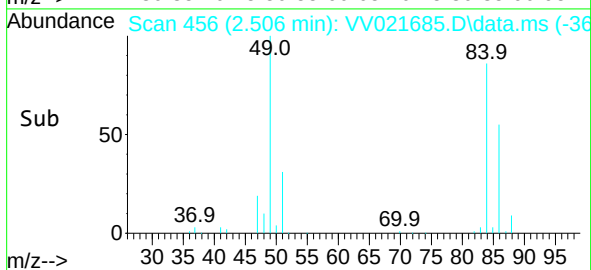
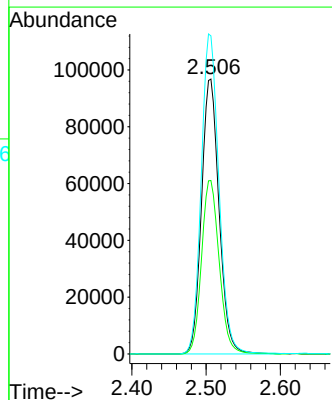
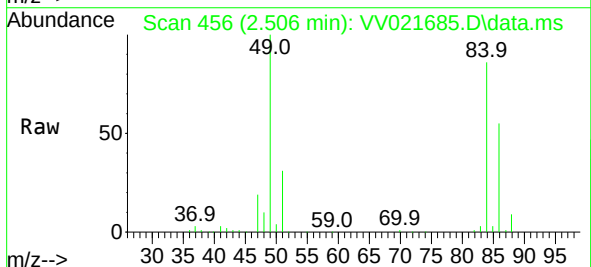
Instrument :
MSVOA_V
ClientSampleId :
VSTD050290

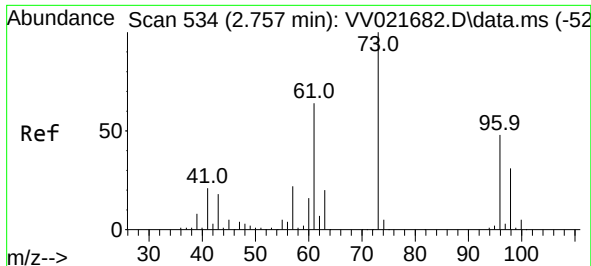
Tgt Ion: 43 Resp: 169000
Ion Ratio Lower Upper
43 100
74 24.8 19.3 28.9



#16
Methylene chloride
Concen: 45.088 ug/L
RT: 2.506 min Scan# 456
Delta R.T. -0.000 min
Lab File: VV021685.D
Acq: 20 Jul 2021 10:05

Tgt Ion: 84 Resp: 158849
Ion Ratio Lower Upper
84 100
86 63.1 45.1 83.9
49 115.7 81.1 150.7

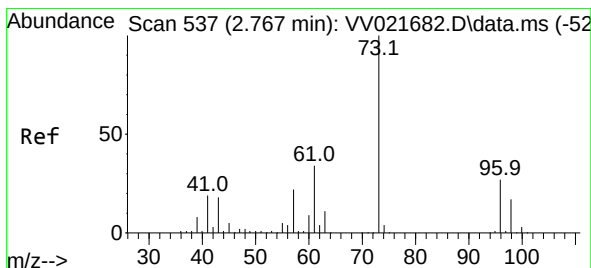
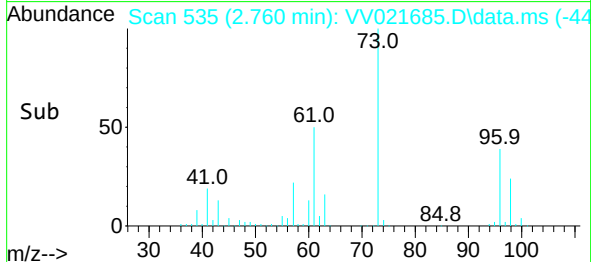
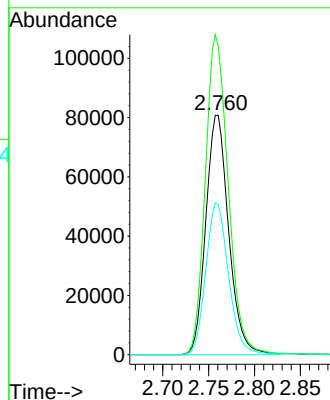
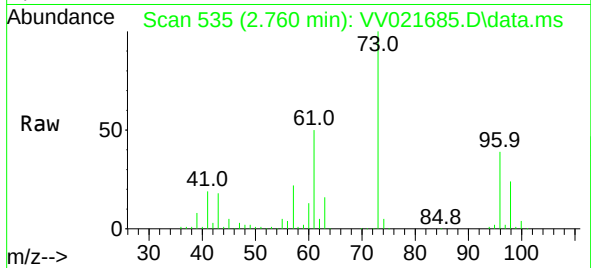




#17
trans-1,2-Dichloroethene
Concen: 48.277 ug/L
RT: 2.760 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV021685.D
Acq: 20 Jul 2021 10:05

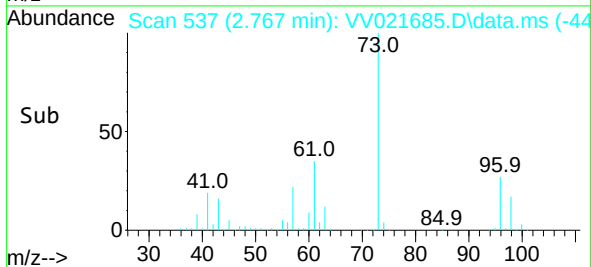
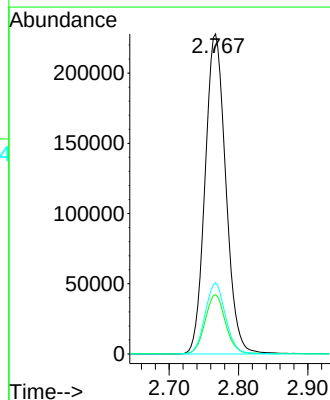
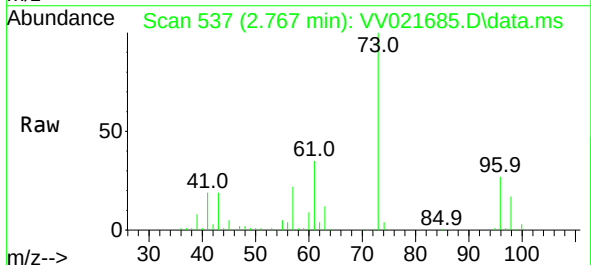
Instrument :
MSVOA_V
ClientSampleId :
VSTD050290

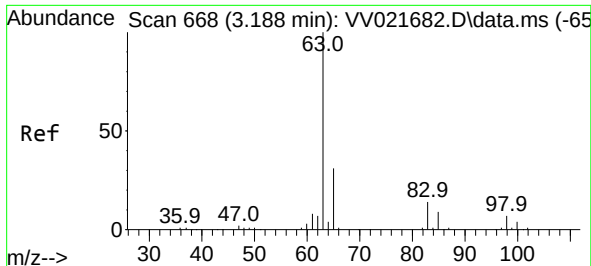
Tgt Ion: 96 Resp: 140374
Ion Ratio Lower Upper
96 100
61 128.8 93.7 174.1
98 62.8 45.1 83.9



#18
Methyl tert-butyl Ether
Concen: 47.884 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.000 min
Lab File: VV021685.D
Acq: 20 Jul 2021 10:05

Tgt Ion: 73 Resp: 472243
Ion Ratio Lower Upper
73 100
43 18.5 14.3 21.5
57 21.9 17.3 25.9





#19

1,1-Dichloroethane

Concen: 48.111 ug/L

RT: 3.188 min Scan# 668

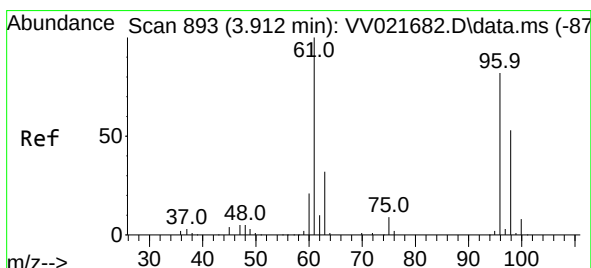
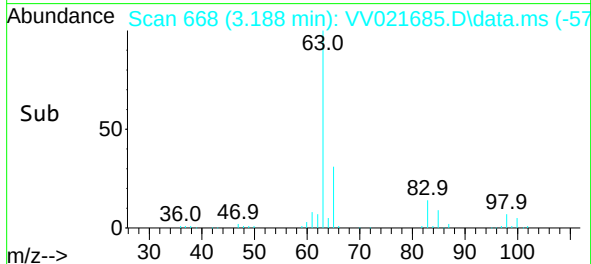
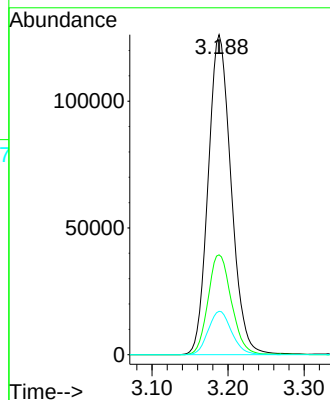
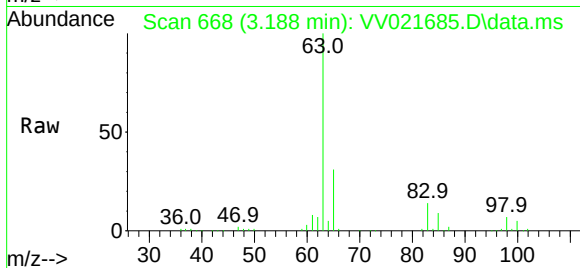
Delta R.T. -0.000 min

Lab File: VV021685.D

Acq: 20 Jul 2021 10:05

Tgt Ion: 63 Resp: 264128

Ion	Ratio	Lower	Upper
63	100		
65	31.2	22.0	40.8
83	13.5	9.7	18.1



#20

cis-1,2-Dichloroethene

Concen: 47.889 ug/L

RT: 3.908 min Scan# 892

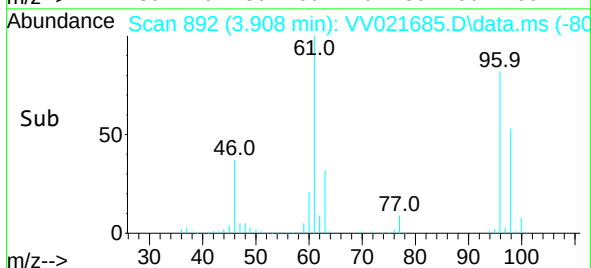
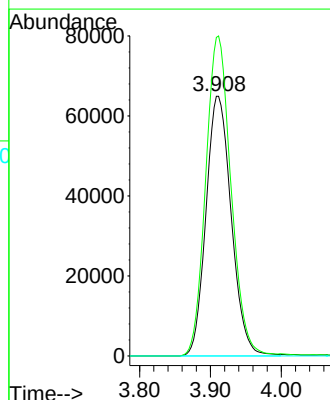
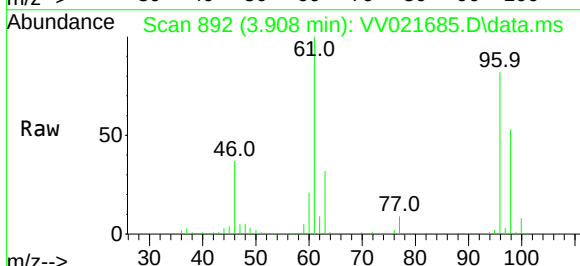
Delta R.T. -0.003 min

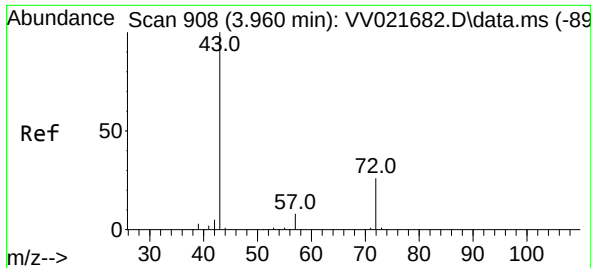
Lab File: VV021685.D

Acq: 20 Jul 2021 10:05

Tgt Ion: 96 Resp: 161137

Ion	Ratio	Lower	Upper
96	100		
61	122.7	85.3	158.3
68	0.0	0.0	0.0

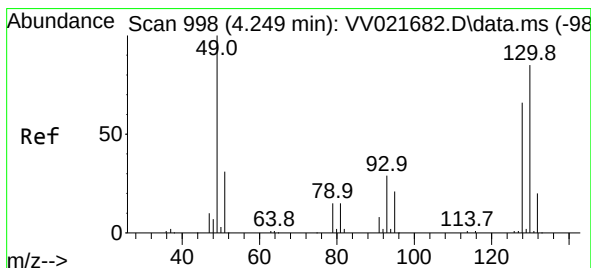
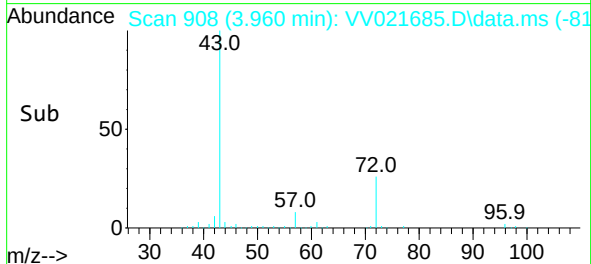
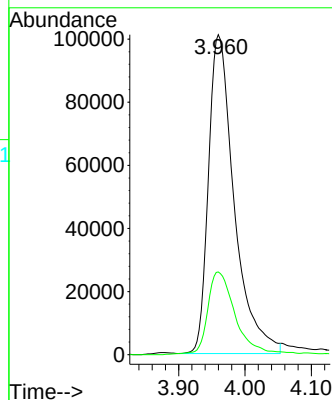
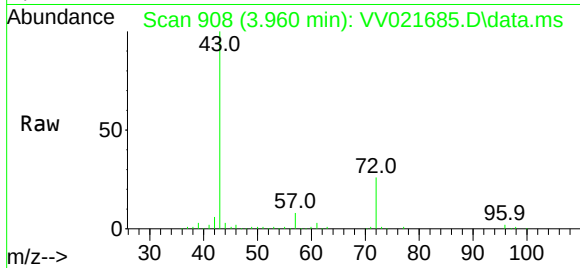




#22
2-Butanone
Concen: 111.858 ug/L
RT: 3.960 min Scan# 908
Delta R.T. -0.000 min
Lab File: VV021685.D
Acq: 20 Jul 2021 10:05

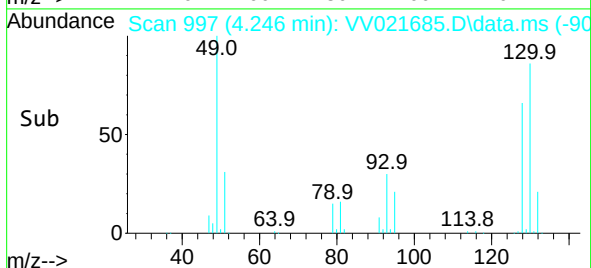
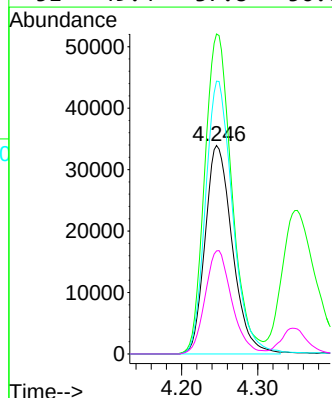
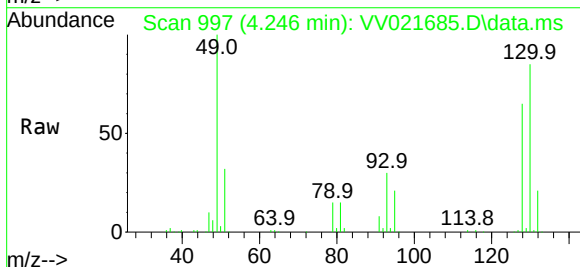
Instrument :
MSVOA_V
ClientSampleId :
VSTD050290

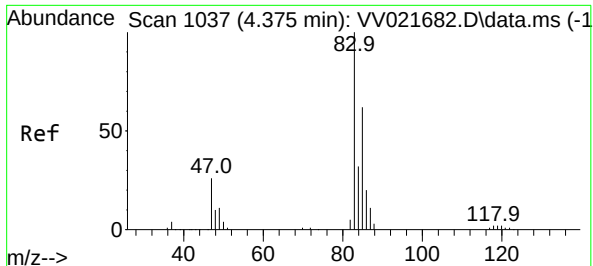
Tgt Ion: 43 Resp: 273109
Ion Ratio Lower Upper
43 100
72 27.9 13.2 39.5



#23
Bromochloromethane
Concen: 47.397 ug/L
RT: 4.246 min Scan# 997
Delta R.T. -0.003 min
Lab File: VV021685.D
Acq: 20 Jul 2021 10:05

Tgt Ion: 128 Resp: 84383
Ion Ratio Lower Upper
128 100
49 153.5 106.8 198.4
130 130.9 90.6 168.2
51 49.4 37.8 56.6





#25

Chloroform

Concen: 47.886 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VV021685.D

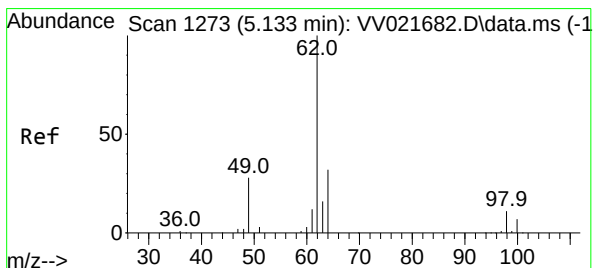
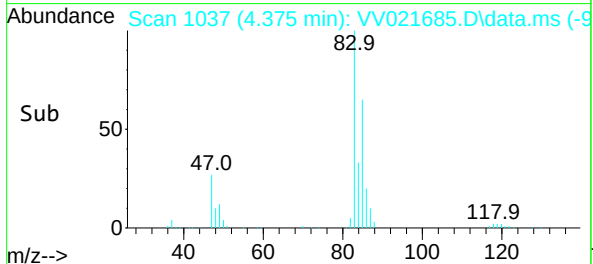
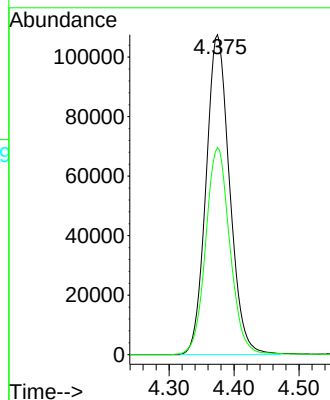
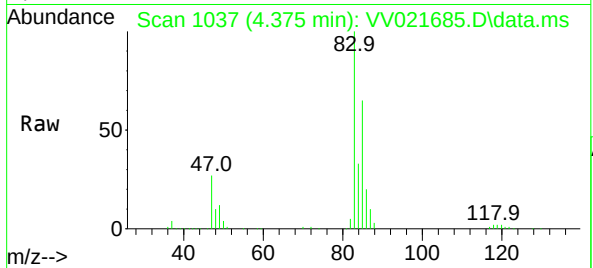
Acq: 20 Jul 2021 10:05

Tgt Ion: 83 Resp: 271738

Ion Ratio Lower Upper

83 100

85 64.7 43.8 81.4



#27

1,2-Dichloroethane

Concen: 48.264 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. -0.003 min

Lab File: VV021685.D

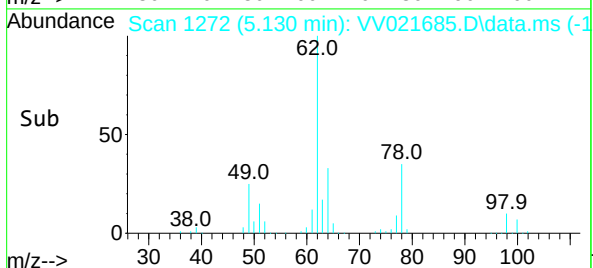
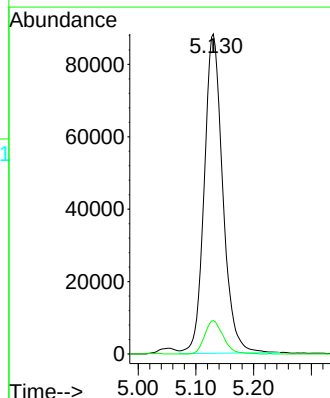
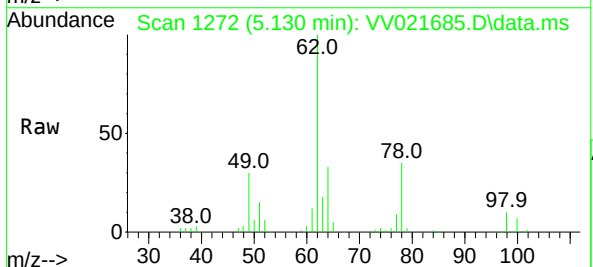
Acq: 20 Jul 2021 10:05

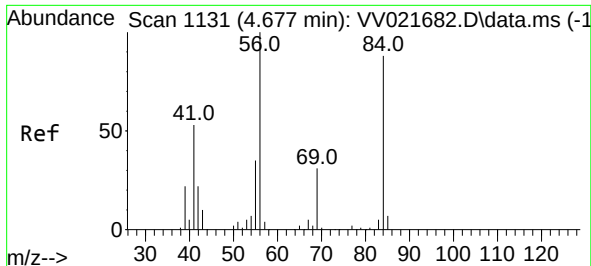
Tgt Ion: 62 Resp: 196579

Ion Ratio Lower Upper

62 100

98 10.5 8.7 13.1





#29

Cyclohexane

Concen: 48.781 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. -0.000 min

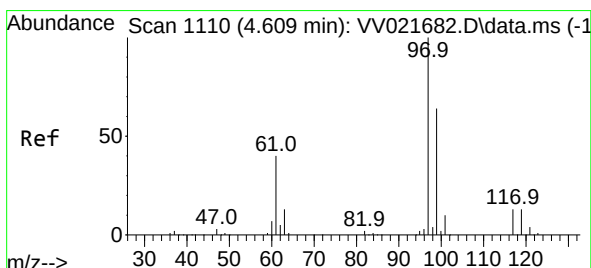
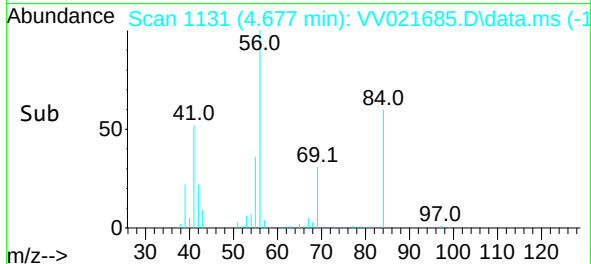
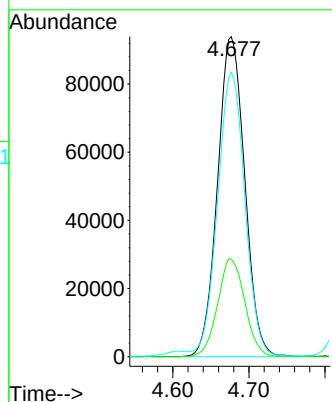
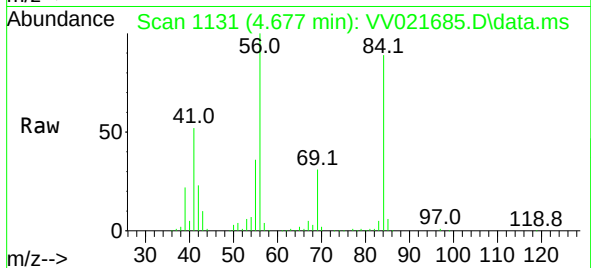
Lab File: VV021685.D

Acq: 20 Jul 2021 10:05

Tgt Ion: 56 Resp: 233213

Ion	Ratio	Lower	Upper
56	100		
69	30.6	24.5	36.7
84	89.2	71.4	107.0

Instrument :
MSVOA_V
ClientSampleId :
VSTD050290



#30

1,1,1-Trichloroethane

Concen: 47.228 ug/L

RT: 4.606 min Scan# 1109

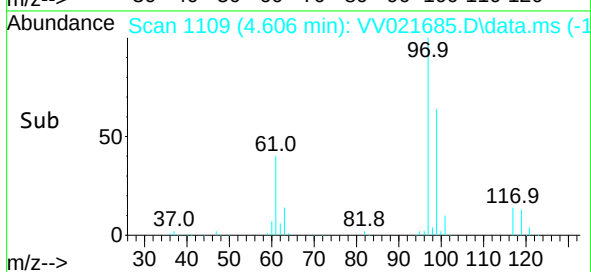
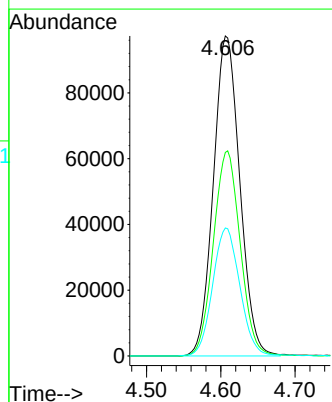
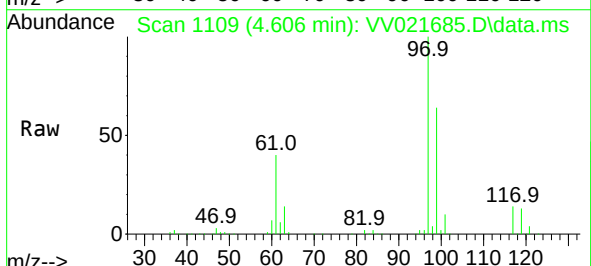
Delta R.T. -0.003 min

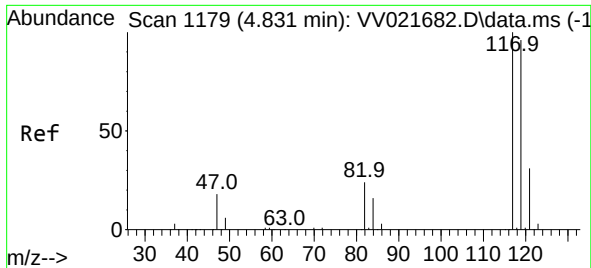
Lab File: VV021685.D

Acq: 20 Jul 2021 10:05

Tgt Ion: 97 Resp: 241294

Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.6	77.4
61	41.1	32.6	49.0

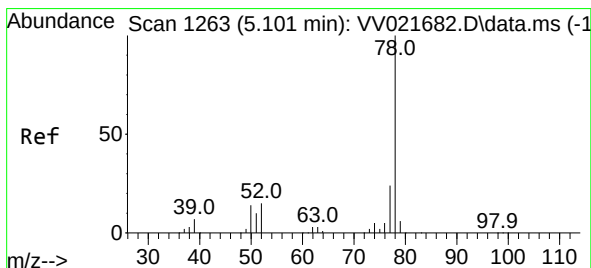
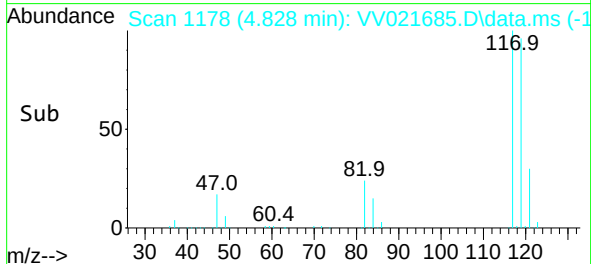
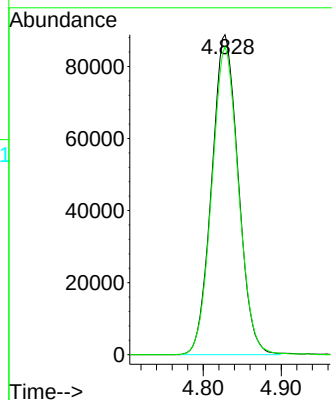
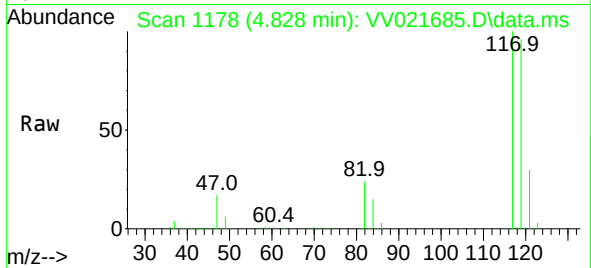




#31
Carbon tetrachloride
Concen: 47.874 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. -0.003 min
Lab File: VV021685.D
Acq: 20 Jul 2021 10:05

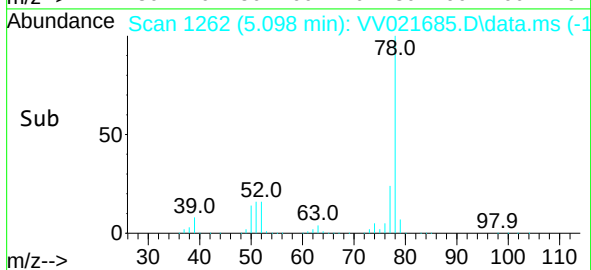
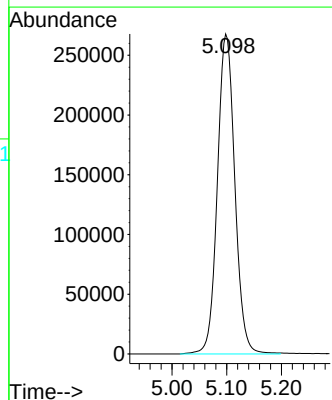
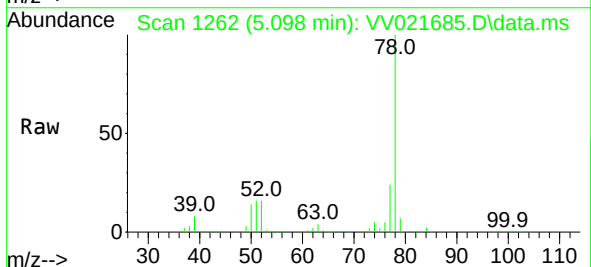
Instrument :
MSVOA_V
ClientSampleId :
VSTD050290

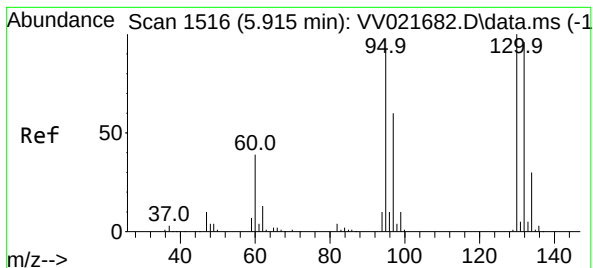
Tgt Ion:117 Resp: 210652
Ion Ratio Lower Upper
117 100
119 96.8 77.7 116.5



#33
Benzene
Concen: 48.296 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. -0.003 min
Lab File: VV021685.D
Acq: 20 Jul 2021 10:05

Tgt Ion: 78 Resp: 593311





#34

Trichloroethene

Concen: 48.602 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VV021685.D

Acq: 20 Jul 2021 10:05

Tgt Ion: 95 Resp: 161252

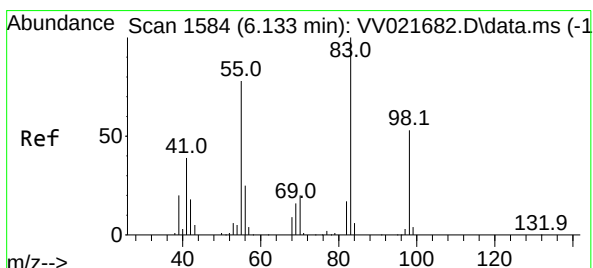
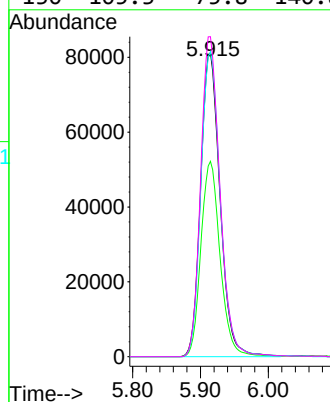
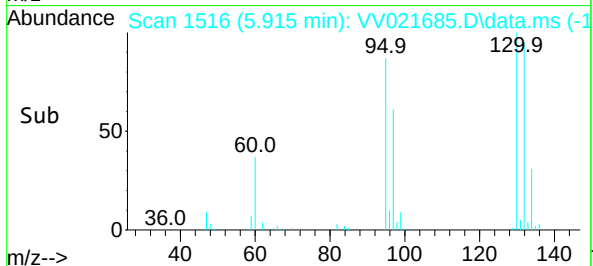
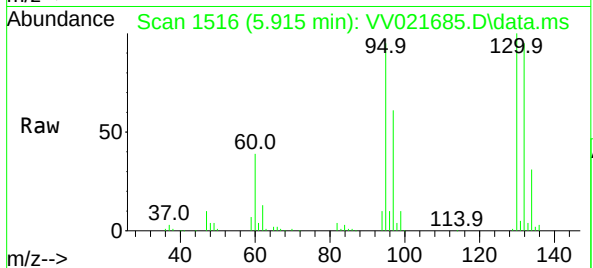
Ion Ratio Lower Upper

95 100

97 64.3 45.6 84.6

132 100.4 72.4 134.5

130 105.3 75.8 140.8



#35

Methylcyclohexane

Concen: 48.640 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. -0.003 min

Lab File: VV021685.D

Acq: 20 Jul 2021 10:05

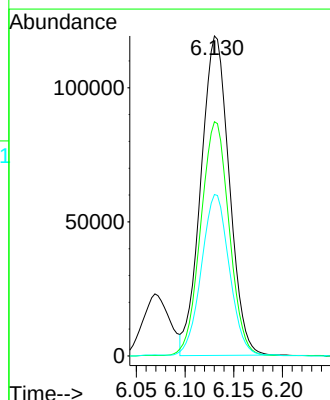
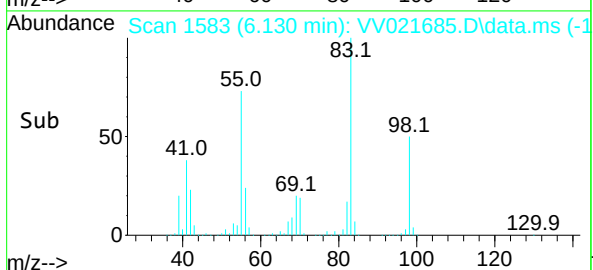
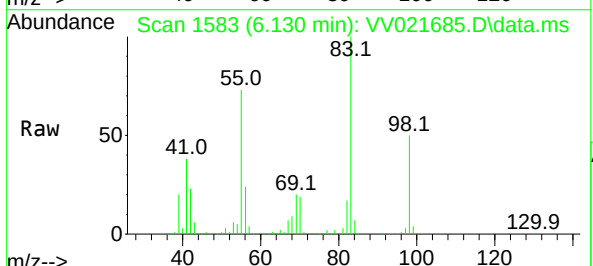
Tgt Ion: 83 Resp: 241728

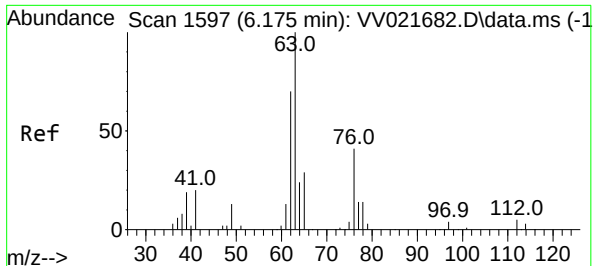
Ion Ratio Lower Upper

83 100

55 73.4 59.3 88.9

98 49.5 40.2 60.4

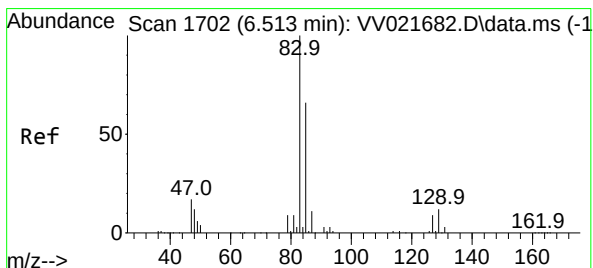
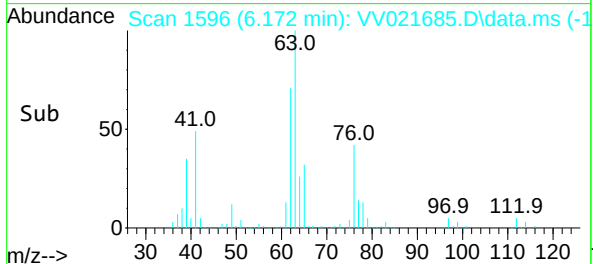
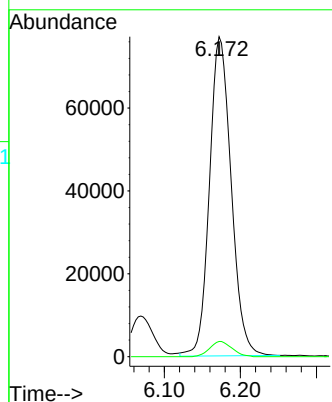
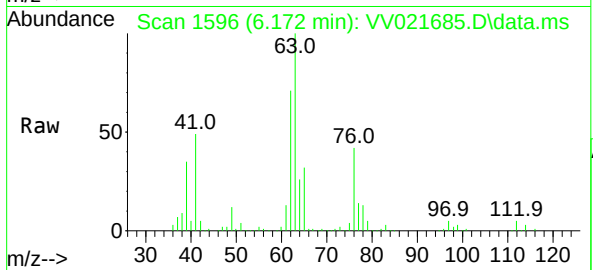




#37
1,2-Dichloropropane
Concen: 47.439 ug/L
RT: 6.172 min Scan# 1596
Delta R.T. -0.003 min
Lab File: VV021685.D
Acq: 20 Jul 2021 10:05

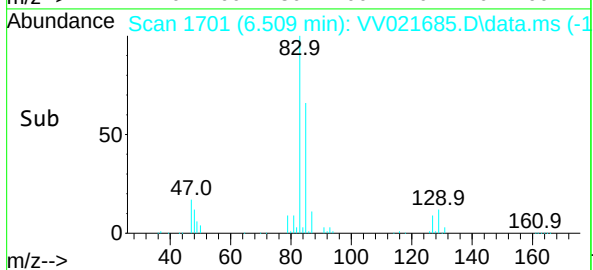
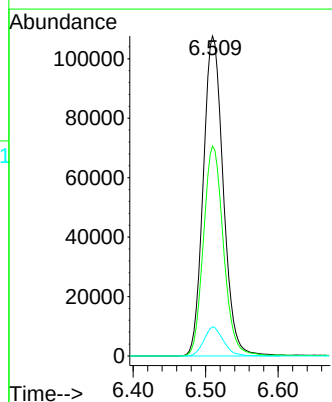
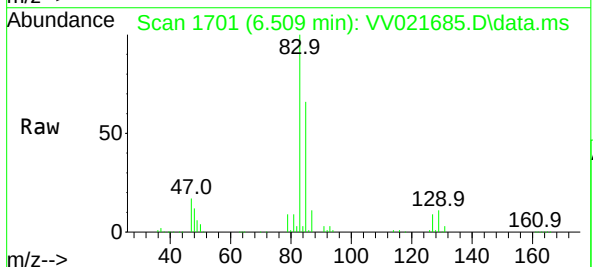
Instrument :
MSVOA_V
ClientSampleId :
VSTD050290

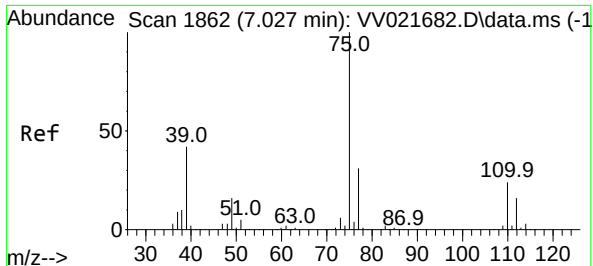
Tgt Ion: 63 Resp: 152744
Ion Ratio Lower Upper
63 100
112 4.9 3.8 5.6



#38
Bromodichloromethane
Concen: 47.489 ug/L
RT: 6.509 min Scan# 1701
Delta R.T. -0.003 min
Lab File: VV021685.D
Acq: 20 Jul 2021 10:05

Tgt Ion: 83 Resp: 205944
Ion Ratio Lower Upper
83 100
85 65.6 46.1 85.5
127 9.1 7.4 11.0

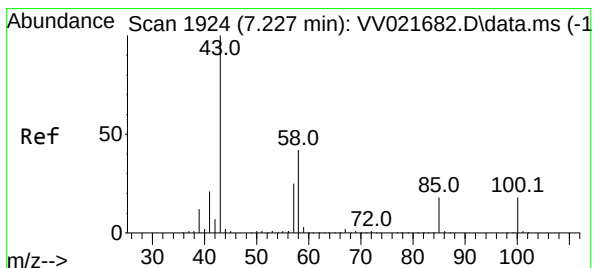
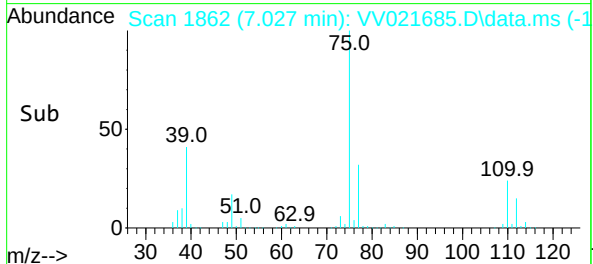
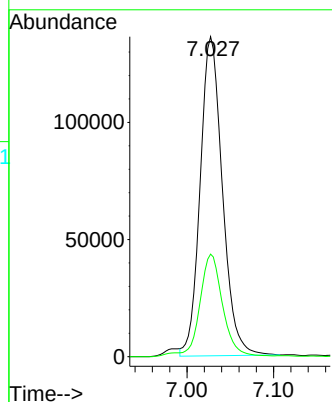
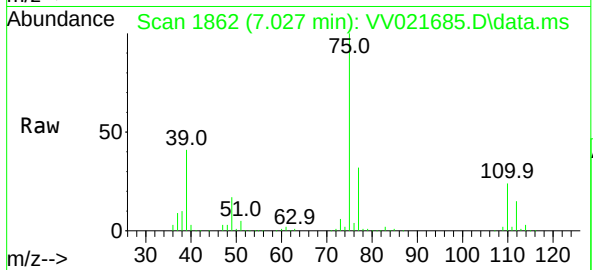




#39
 cis-1,3-Dichloropropene
 Concen: 47.223 ug/L
 RT: 7.027 min Scan# 1862
 Delta R.T. -0.000 min
 Lab File: VV021685.D
 Acq: 20 Jul 2021 10:05

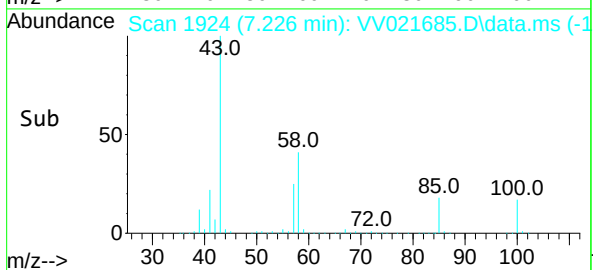
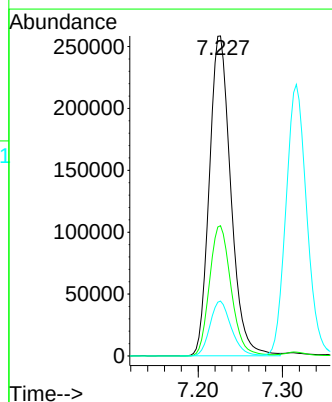
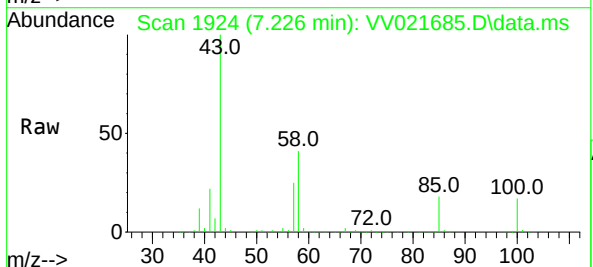
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050290

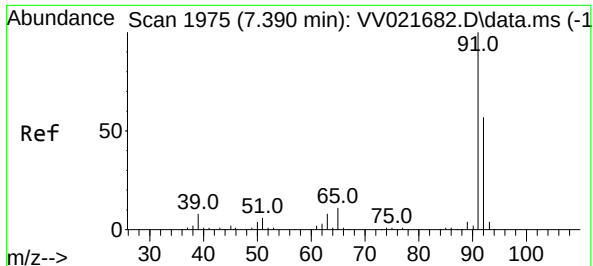
Tgt Ion: 75 Resp: 243501
 Ion Ratio Lower Upper
 75 100
 77 32.0 21.9 40.7



#40
 4-Methyl-2-pentanone
 Concen: 97.321 ug/L
 RT: 7.226 min Scan# 1924
 Delta R.T. -0.000 min
 Lab File: VV021685.D
 Acq: 20 Jul 2021 10:05

Tgt Ion: 43 Resp: 458258
 Ion Ratio Lower Upper
 43 100
 58 41.1 33.1 49.7
 100 17.0 13.8 20.8

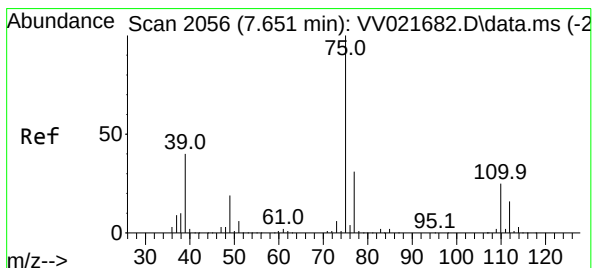
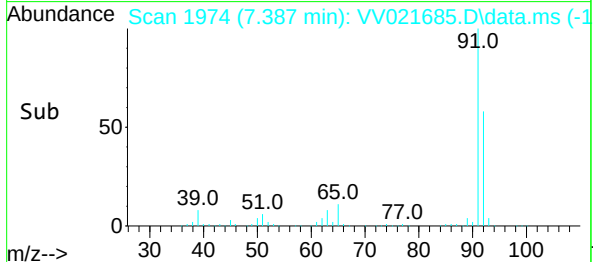
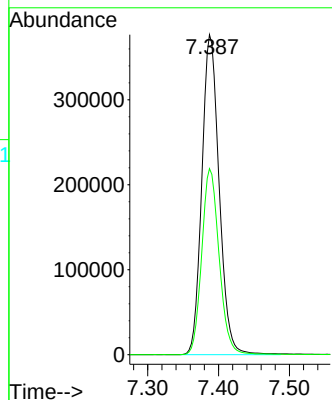
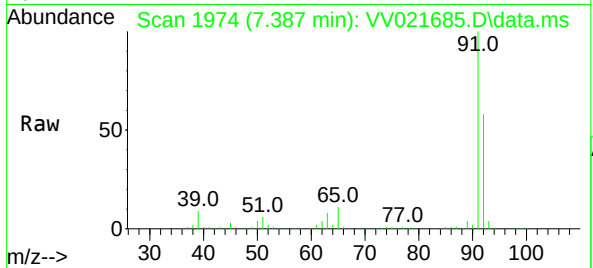




#42
Toluene
Concen: 48.408 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. -0.003 min
Lab File: VV021685.D
Acq: 20 Jul 2021 10:05

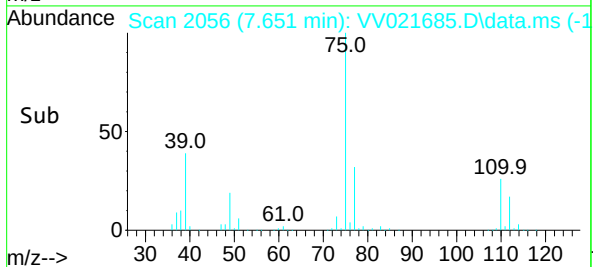
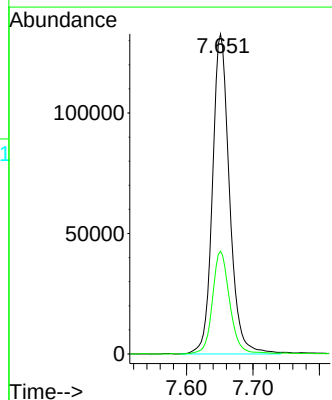
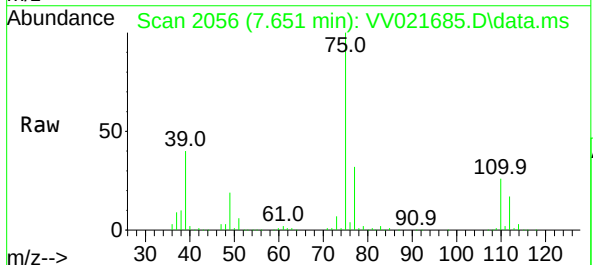
Instrument :
MSVOA_V
ClientSampleId :
VSTD050290

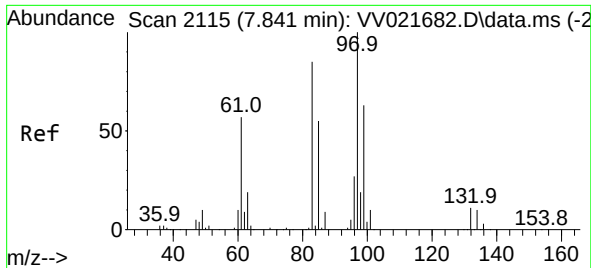
Tgt Ion: 91 Resp: 640336
Ion Ratio Lower Upper
91 100
92 58.2 40.2 74.6



#44
trans-1,3-Dichloropropene
Concen: 48.592 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VV021685.D
Acq: 20 Jul 2021 10:05

Tgt Ion: 75 Resp: 237400
Ion Ratio Lower Upper
75 100
77 32.1 21.8 40.4



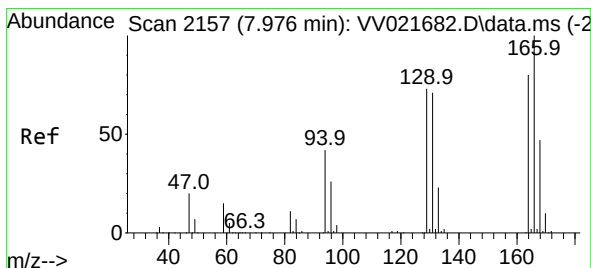
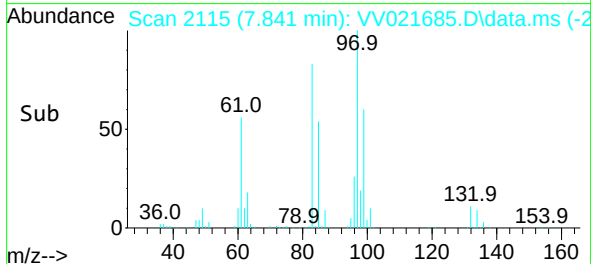
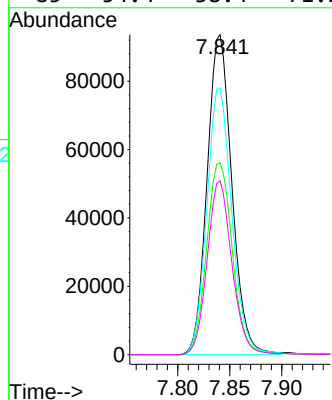
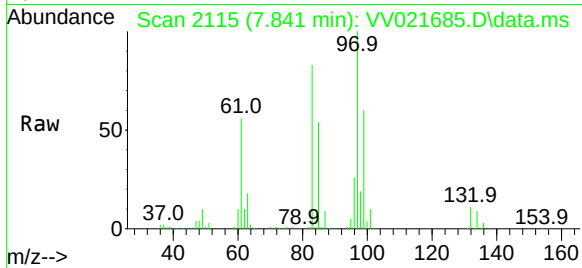


#45
1,1,2-Trichloroethane
Concen: 48.239 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VV021685.D
Acq: 20 Jul 2021 10:05

Instrument :
MSVOA_V
ClientSampleId :
VSTD050290

Tgt Ion: 97 Resp: 155337

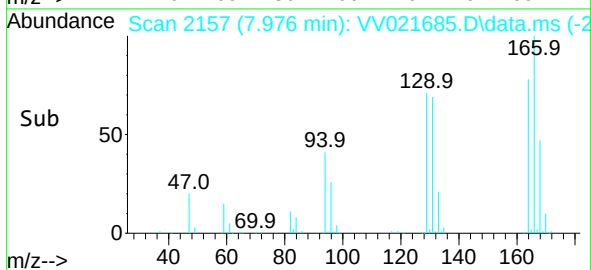
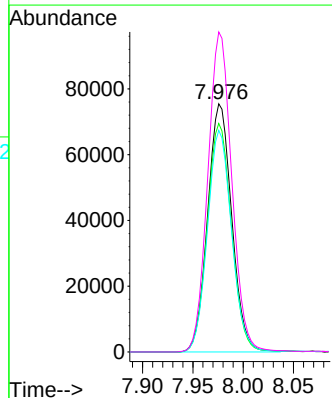
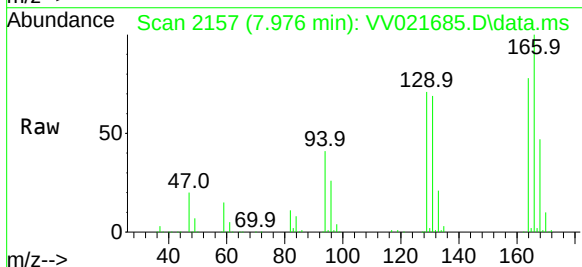
Ion	Ratio	Lower	Upper
97	100		
99	59.9	44.0	81.8
83	83.5	59.1	109.9
85	54.4	38.4	71.2

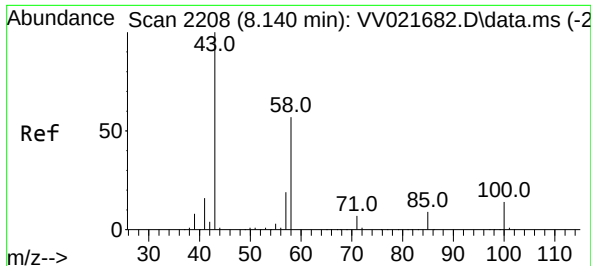


#46
Tetrachloroethene
Concen: 48.719 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV021685.D
Acq: 20 Jul 2021 10:05

Tgt Ion: 164 Resp: 126198

Ion	Ratio	Lower	Upper
164	100		
129	92.1	63.8	118.6
131	89.3	62.1	115.3
166	129.0	87.9	163.3

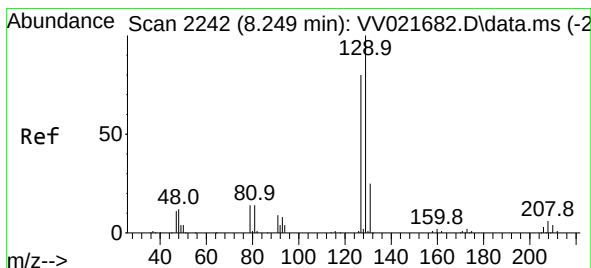
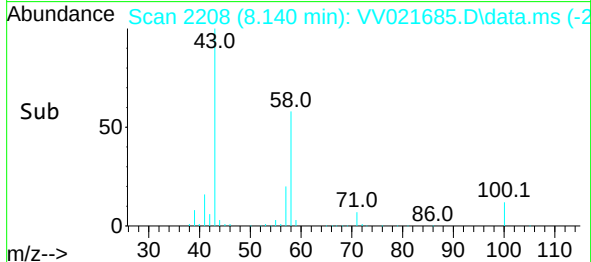
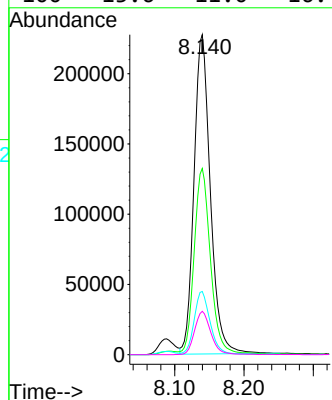
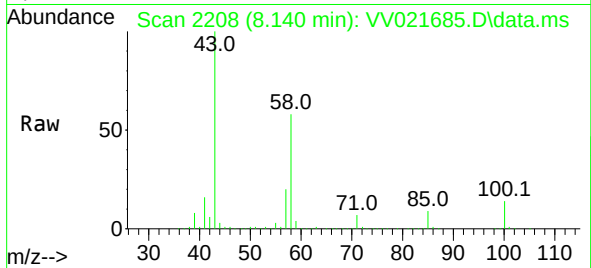




#48
2-Hexanone
Concen: 103.091 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VV021685.D
Acq: 20 Jul 2021 10:05

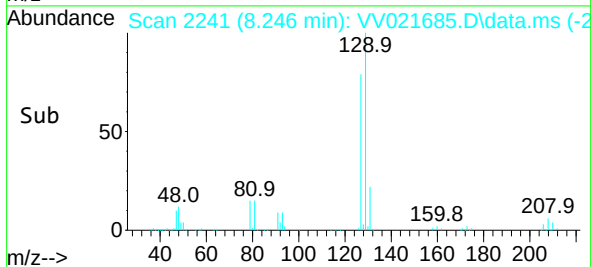
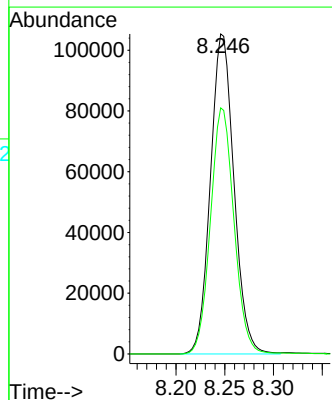
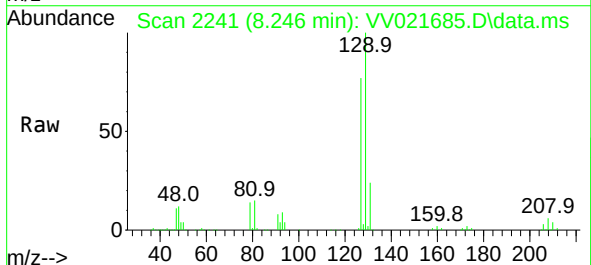
Instrument :
MSVOA_V
ClientSampleId :
VSTD050290

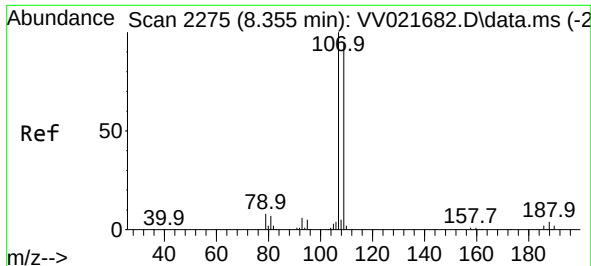
Tgt Ion:	43	Resp:	373840
Ion	Ratio	Lower	Upper
43	100		
58	58.1	46.0	69.0
57	19.1	15.6	23.4
100	13.6	11.0	16.4



#49
Dibromochloromethane
Concen: 48.574 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.003 min
Lab File: VV021685.D
Acq: 20 Jul 2021 10:05

Tgt Ion:	129	Resp:	176757
Ion	Ratio	Lower	Upper
129	100		
127	76.9	55.6	103.4





#50

1,2-Dibromoethane

Concen: 48.043 ug/L

RT: 8.352 min Scan# 2274

Delta R.T. -0.003 min

Lab File: VV021685.D

Acq: 20 Jul 2021 10:05

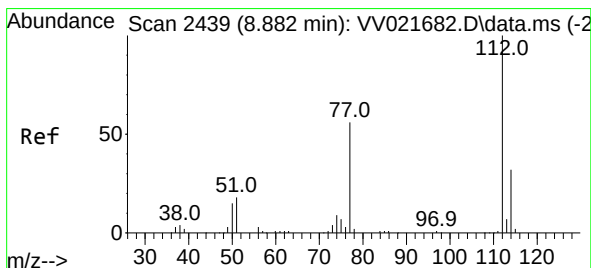
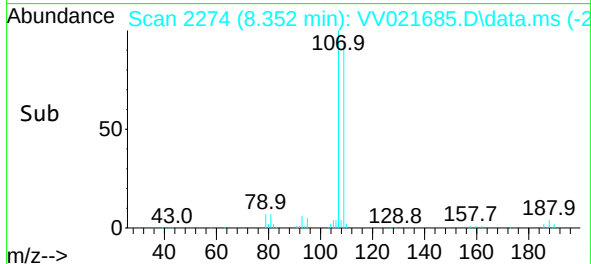
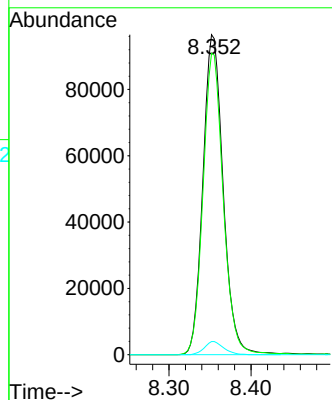
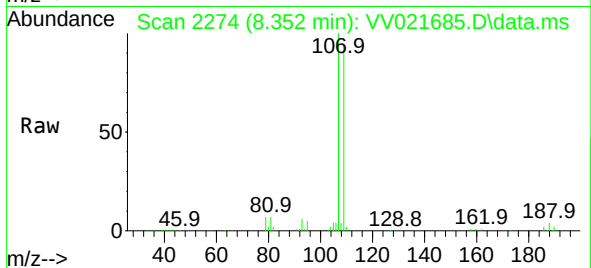
Instrument :

MSVOA_V

ClientSampleId :

VSTD050290

Tgt Ion:	107	Resp:	165405
Ion	Ratio	Lower	Upper
107	100		
109	94.2	65.7	122.1
188	4.1	2.9	4.3



#51

Chlorobenzene

Concen: 48.034 ug/L

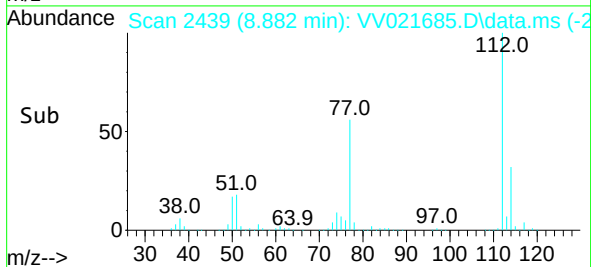
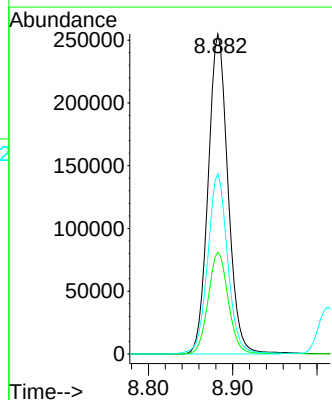
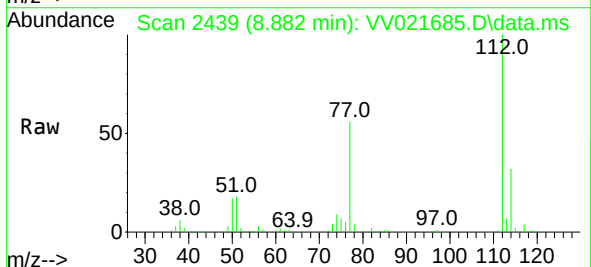
RT: 8.882 min Scan# 2439

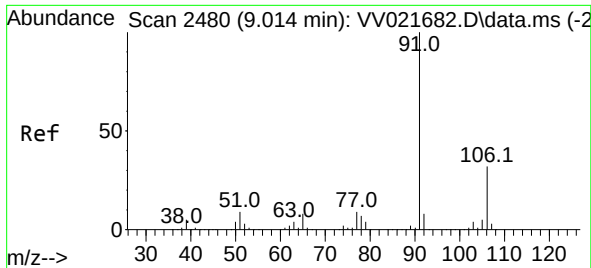
Delta R.T. -0.000 min

Lab File: VV021685.D

Acq: 20 Jul 2021 10:05

Tgt Ion:	112	Resp:	416768
Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.5	41.9
77	56.3	45.0	67.6

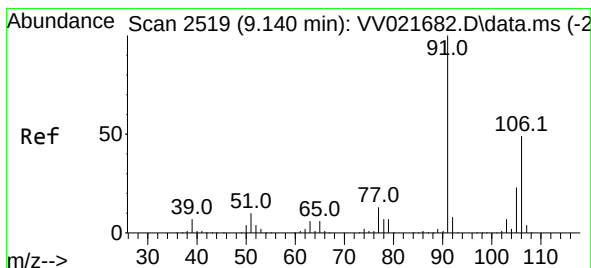
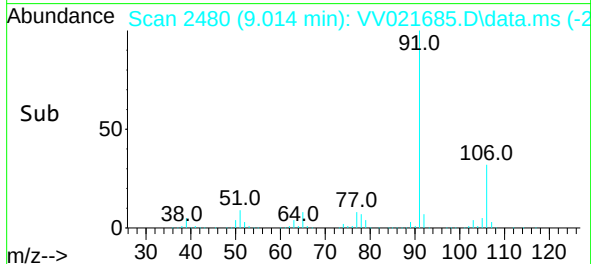
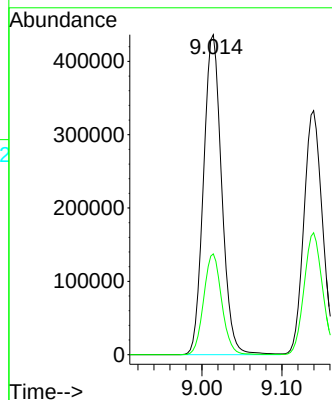
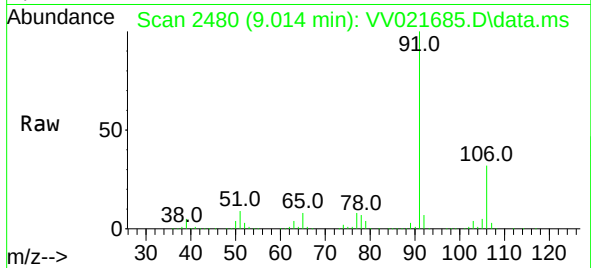




#52
Ethylbenzene
Concen: 48.737 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. -0.000 min
Lab File: VV021685.D
Acq: 20 Jul 2021 10:05

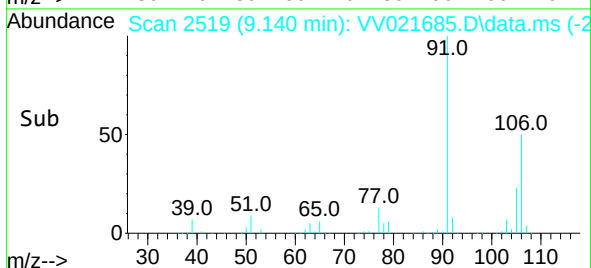
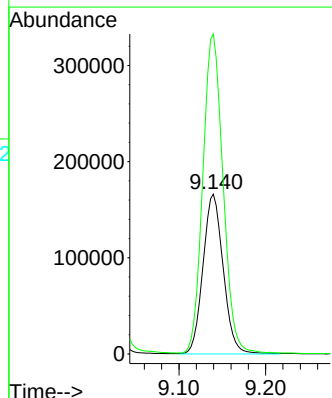
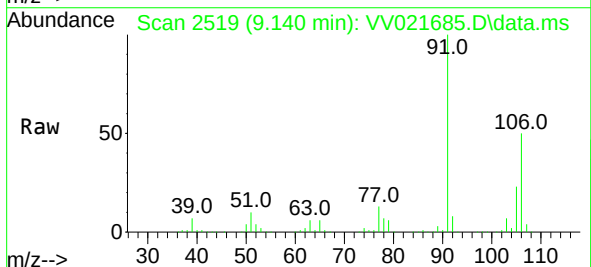
Instrument :
MSVOA_V
ClientSampleId :
VSTD050290

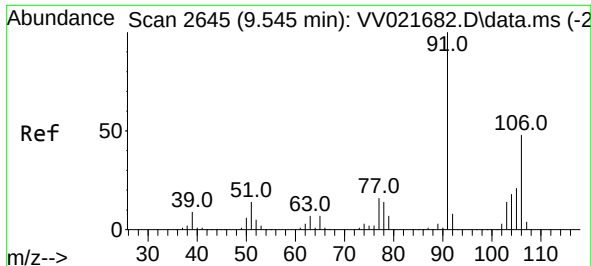
Tgt Ion: 91 Resp: 690695
Ion Ratio Lower Upper
91 100
106 31.5 22.1 41.1



#53
m,p-Xylene
Concen: 48.952 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.000 min
Lab File: VV021685.D
Acq: 20 Jul 2021 10:05

Tgt Ion: 106 Resp: 269555
Ion Ratio Lower Upper
106 100
91 200.1 142.0 263.6

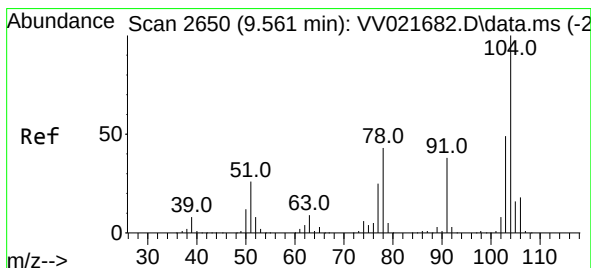
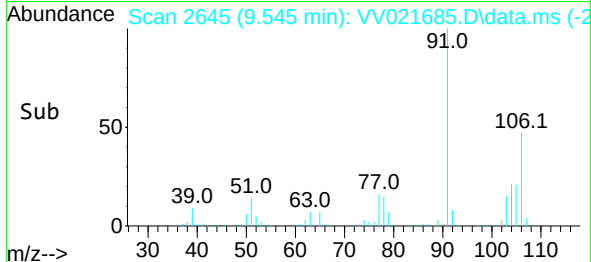
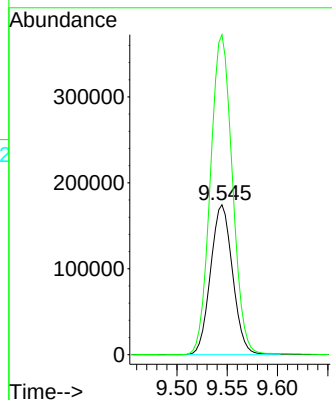
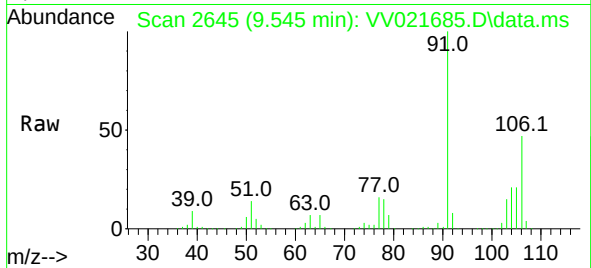




#54
o-Xylene
Concen: 48.197 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV021685.D
Acq: 20 Jul 2021 10:05

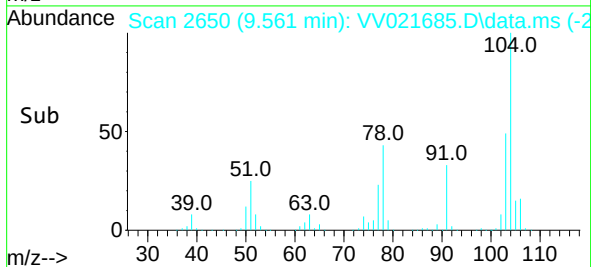
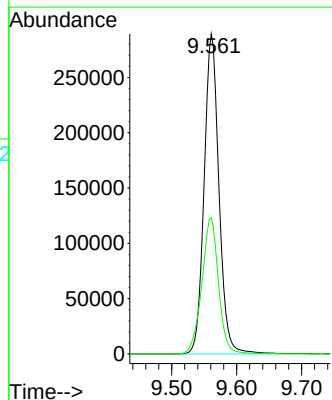
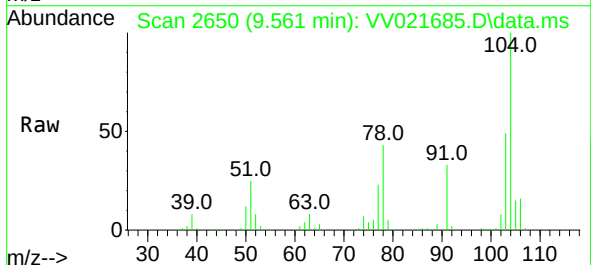
Instrument :
MSVOA_V
ClientSampleId :
VSTD050290

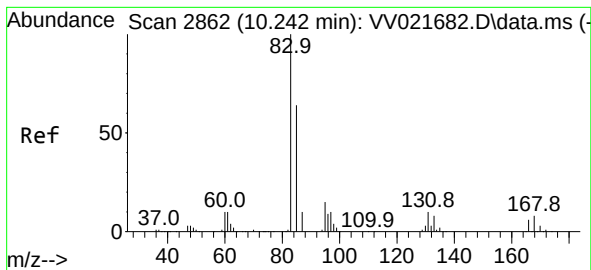
Tgt Ion:106 Resp: 265749
Ion Ratio Lower Upper
106 100
91 213.5 146.8 272.6



#55
Styrene
Concen: 49.597 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV021685.D
Acq: 20 Jul 2021 10:05

Tgt Ion:104 Resp: 460872
Ion Ratio Lower Upper
104 100
78 42.7 30.1 55.9

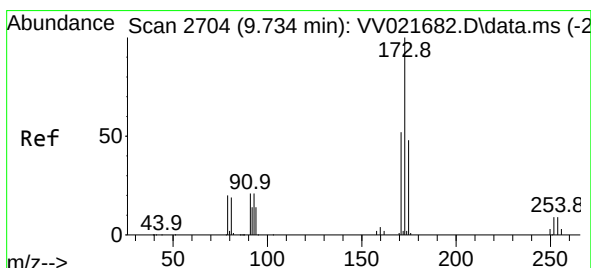
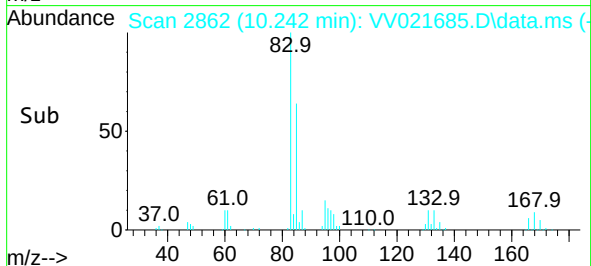
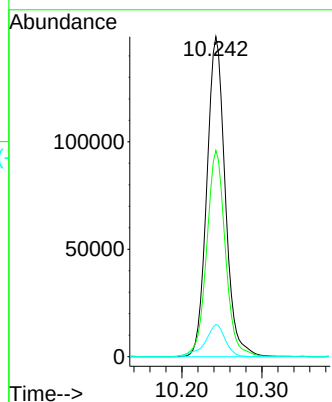
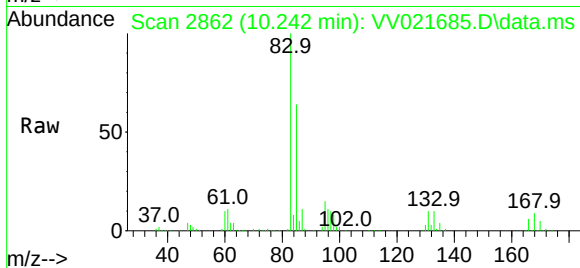




#57
1,1,2,2-Tetrachloroethane
Concen: 48.048 ug/L
RT: 10.242 min Scan# 2862
Delta R.T. -0.000 min
Lab File: VV021685.D
Acq: 20 Jul 2021 10:05

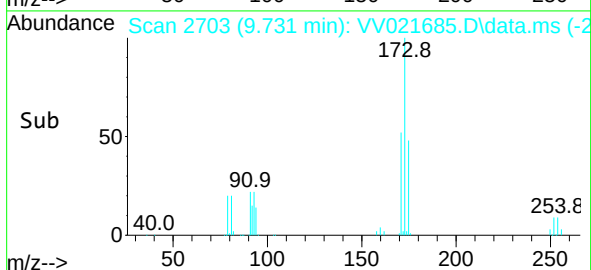
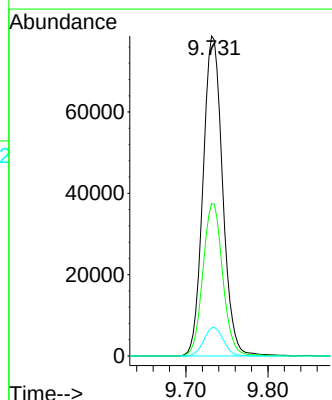
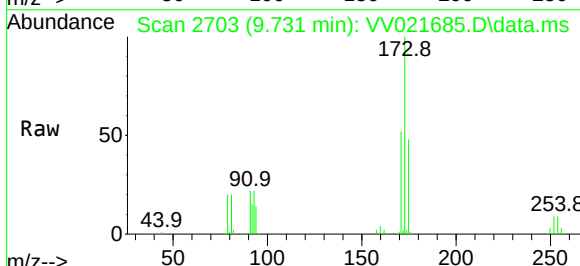
Instrument :
MSVOA_V
ClientSampleId :
VSTD050290

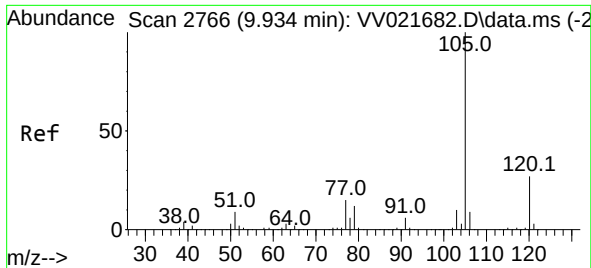
Tgt Ion: 83 Resp: 238165
Ion Ratio Lower Upper
83 100
85 64.5 45.3 84.1
131 10.1 8.2 12.2



#59
Bromoform
Concen: 46.845 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.003 min
Lab File: VV021685.D
Acq: 20 Jul 2021 10:05

Tgt Ion: 173 Resp: 130682
Ion Ratio Lower Upper
173 100
175 48.0 38.3 57.5
254 8.9 7.0 10.4

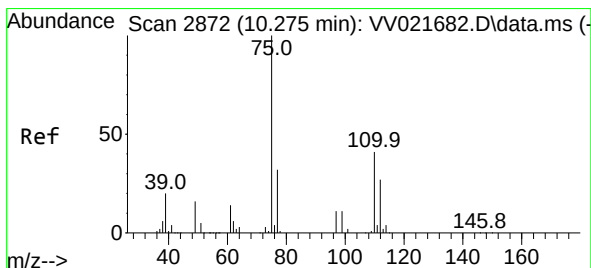
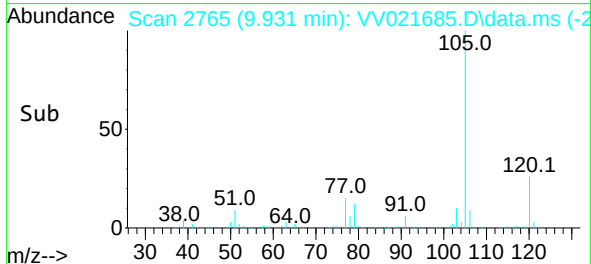
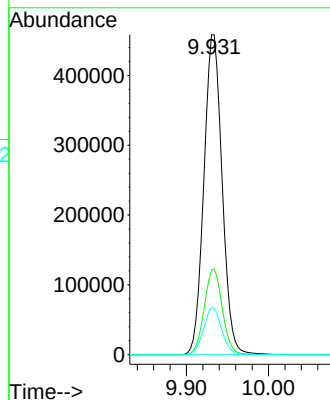
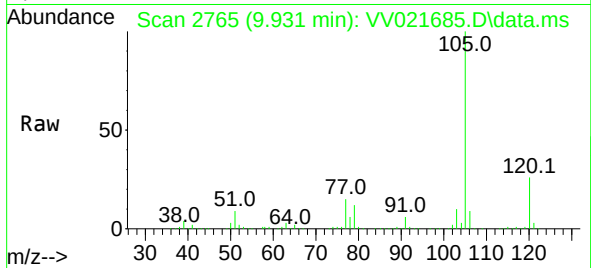




#60
Isopropylbenzene
Concen: 48.287 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.003 min
Lab File: VV021685.D
Acq: 20 Jul 2021 10:05

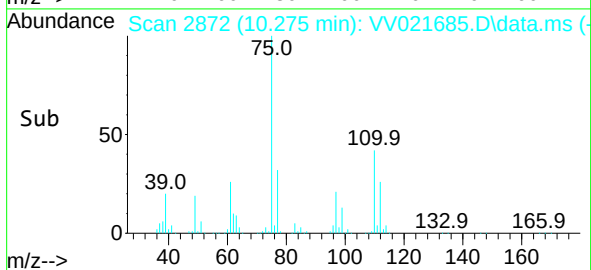
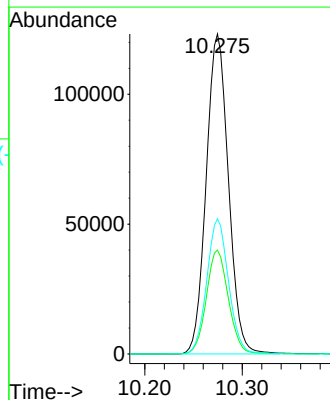
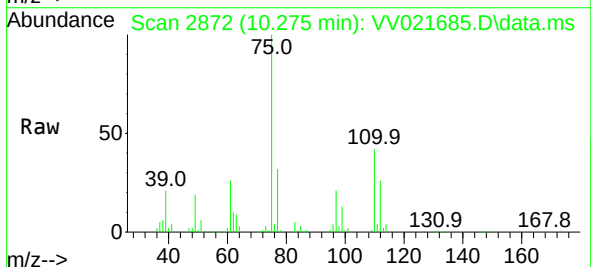
Instrument :
MSVOA_V
ClientSampleId :
VSTD050290

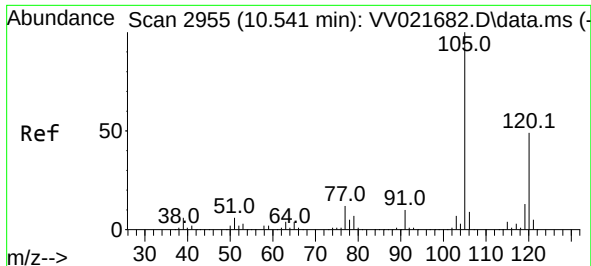
Tgt Ion:105 Resp: 708962
Ion Ratio Lower Upper
105 100
120 26.5 21.5 32.3
77 14.6 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 46.494 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV021685.D
Acq: 20 Jul 2021 10:05

Tgt Ion: 75 Resp: 195107
Ion Ratio Lower Upper
75 100
77 31.9 26.1 39.1
110 41.4 32.9 49.3

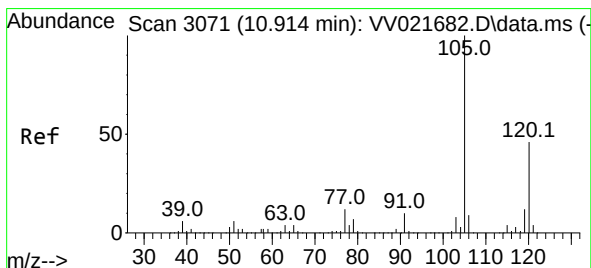
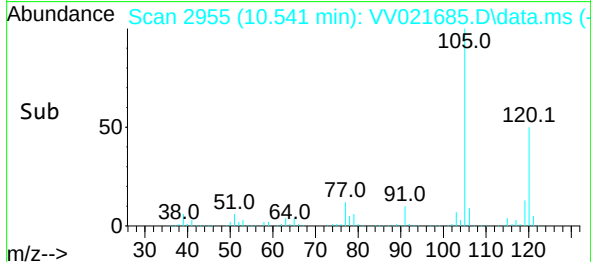
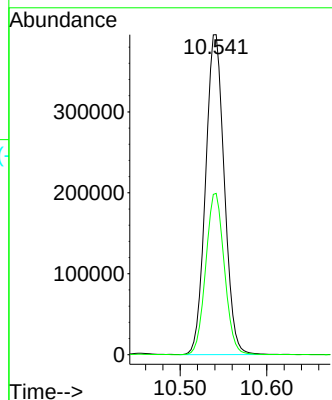
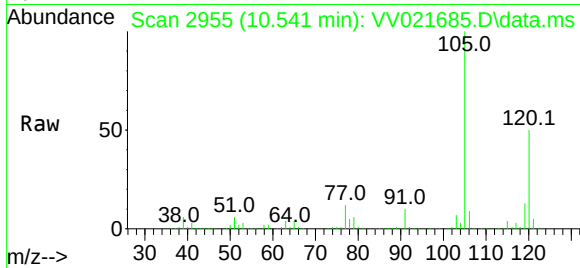




#62
1,3,5-Trimethylbenzene
Concen: 47.968 ug/L
RT: 10.541 min Scan# 2955
Delta R.T. -0.000 min
Lab File: VV021685.D
Acq: 20 Jul 2021 10:05

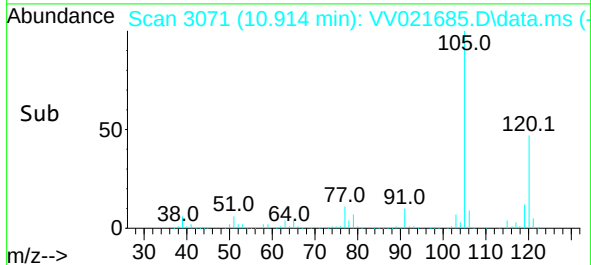
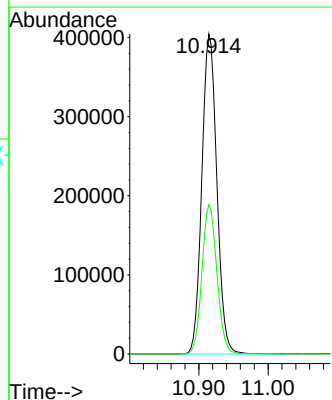
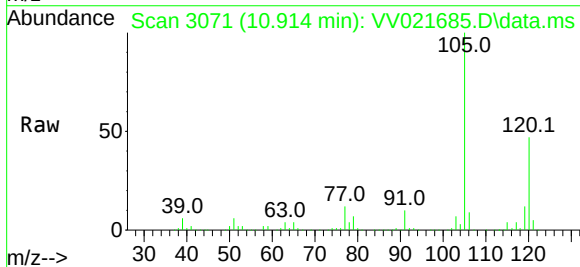
Instrument :
MSVOA_V
ClientSampleId :
VSTD050290

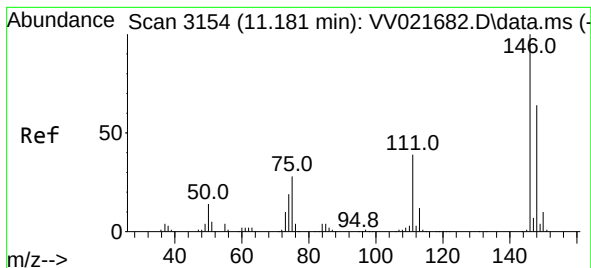
Tgt Ion:105 Resp: 593814
Ion Ratio Lower Upper
105 100
120 50.2 39.7 59.5



#63
1,2,4-Trimethylbenzene
Concen: 48.533 ug/L
RT: 10.914 min Scan# 3071
Delta R.T. -0.000 min
Lab File: VV021685.D
Acq: 20 Jul 2021 10:05

Tgt Ion:105 Resp: 606923
Ion Ratio Lower Upper
105 100
120 46.5 37.0 55.4





#64

1,3-Dichlorobenzene

Concen: 48.109 ug/L

RT: 11.181 min Scan# 3154

Delta R.T. -0.000 min

Lab File: VV021685.D

Acq: 20 Jul 2021 10:05

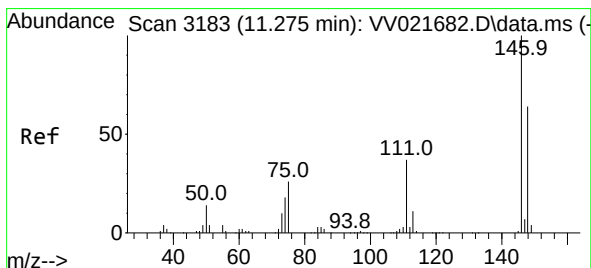
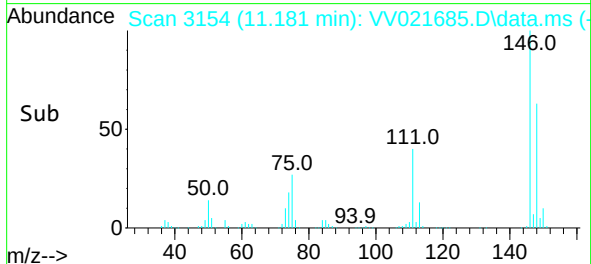
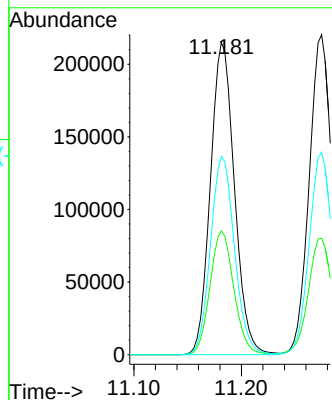
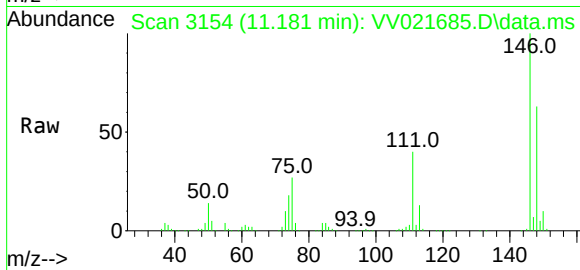
Tgt Ion:146 Resp: 333849

Ion Ratio Lower Upper

146 100

111 39.7 27.2 50.6

148 63.4 44.7 82.9



#65

1,4-Dichlorobenzene

Concen: 48.181 ug/L

RT: 11.275 min Scan# 3183

Delta R.T. -0.000 min

Lab File: VV021685.D

Acq: 20 Jul 2021 10:05

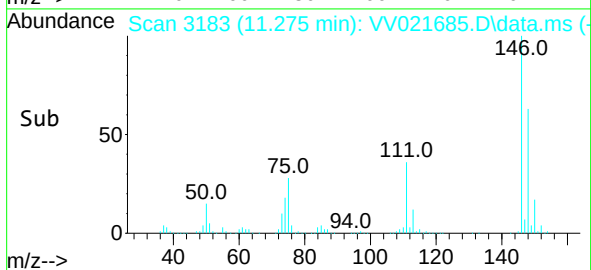
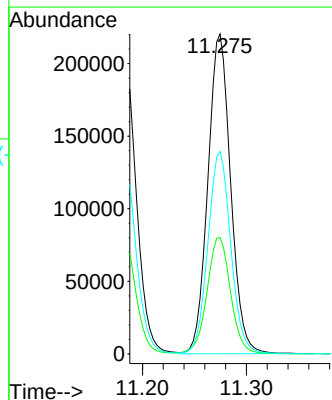
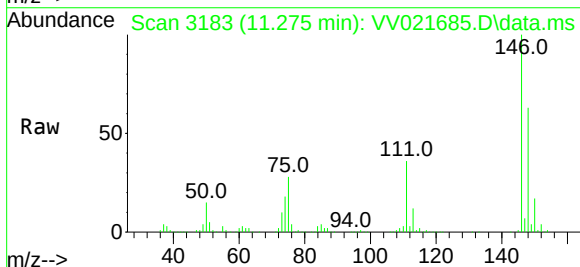
Tgt Ion:146 Resp: 334674

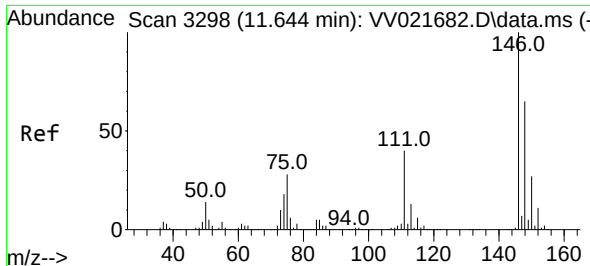
Ion Ratio Lower Upper

146 100

111 36.4 26.1 48.5

148 63.2 44.8 83.2

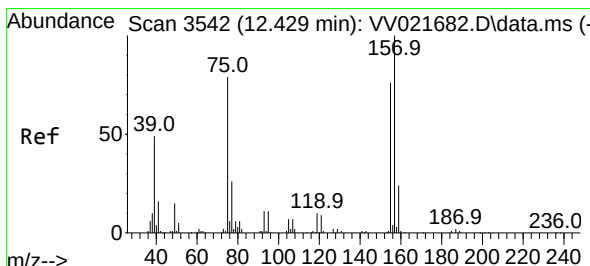
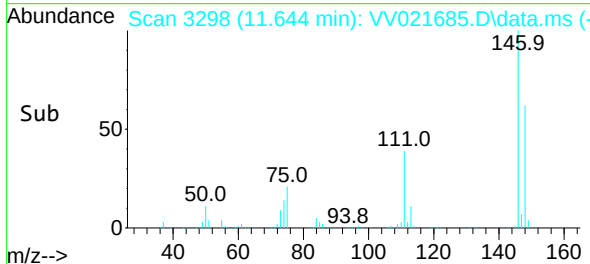
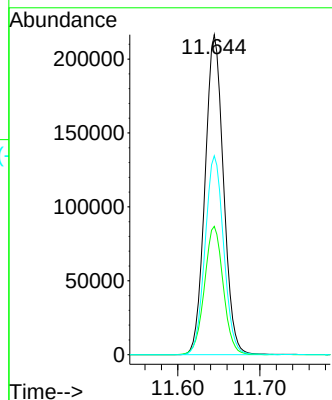
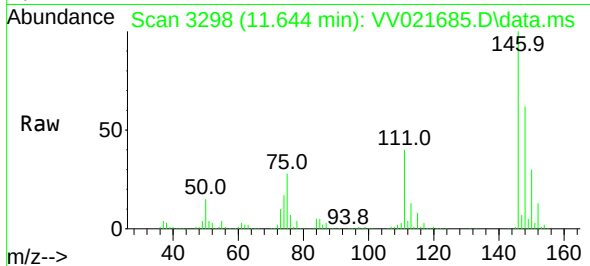




#67
1,2-Dichlorobenzene
Concen: 47.989 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. -0.000 min
Lab File: VV021685.D
Acq: 20 Jul 2021 10:05

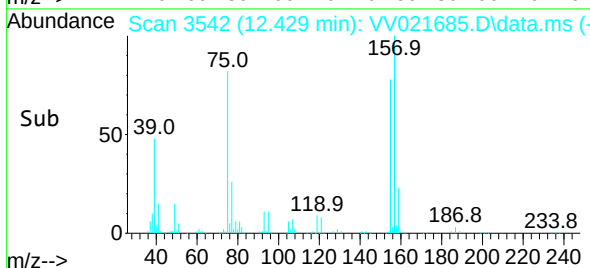
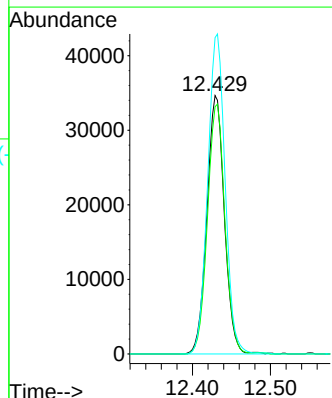
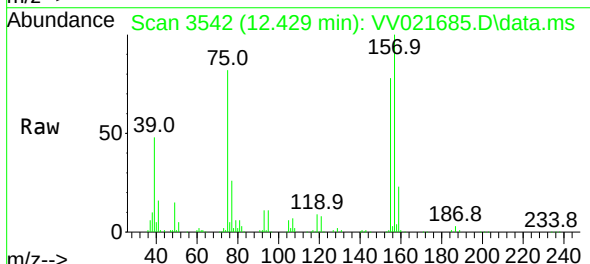
Instrument :
MSVOA_V
ClientSampleId :
VSTD050290

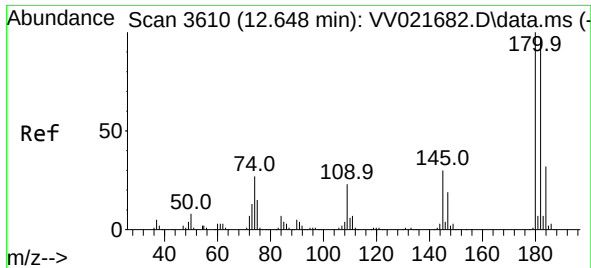
Tgt Ion:146 Resp: 338028
Ion Ratio Lower Upper
146 100
111 40.1 32.1 48.1
148 62.2 51.6 77.4



#68
1,2-Dibromo-3-chloropropane
Concen: 46.783 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV021685.D
Acq: 20 Jul 2021 10:05

Tgt Ion: 75 Resp: 54305
Ion Ratio Lower Upper
75 100
155 95.7 77.0 115.4
157 122.4 100.7 151.1

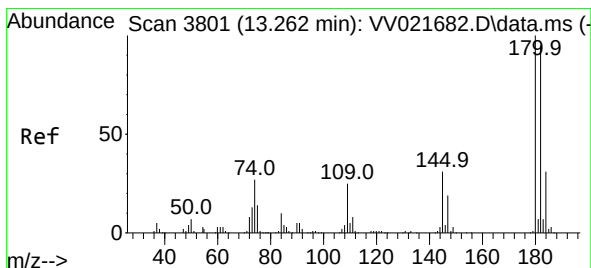
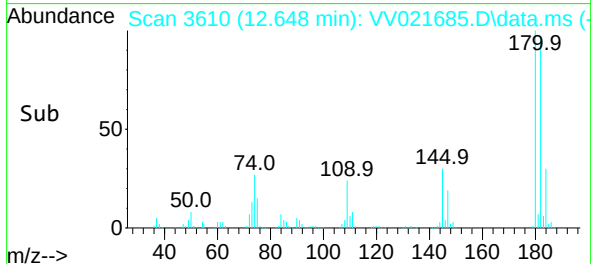
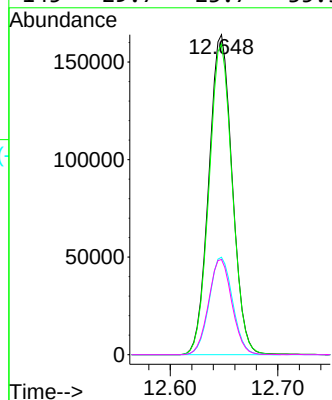
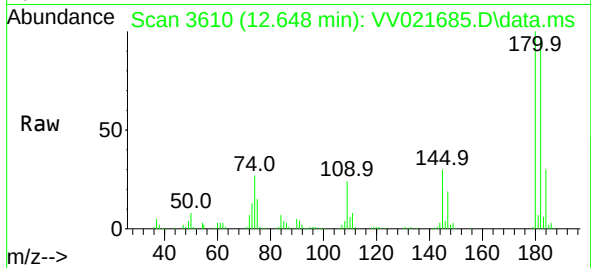




#69
1,3,5-Trichlorobenzene
Concen: 48.094 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. -0.000 min
Lab File: VV021685.D
Acq: 20 Jul 2021 10:05

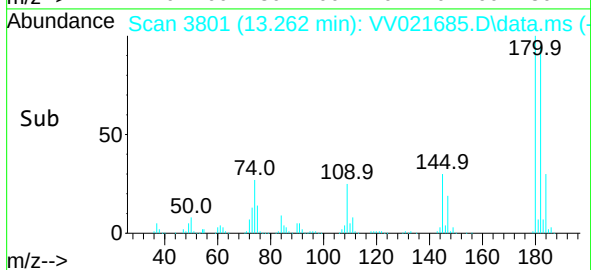
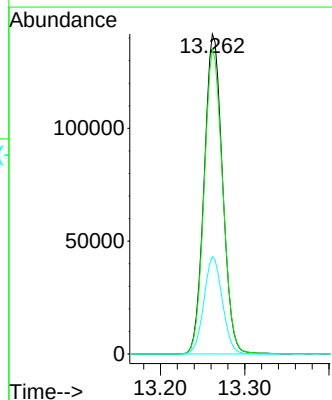
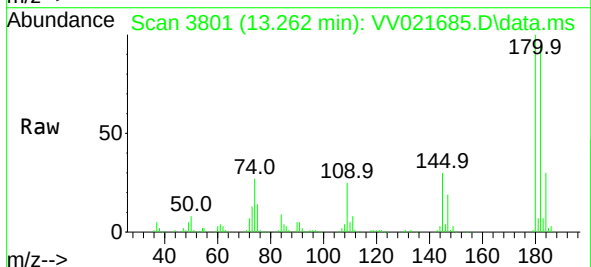
Instrument :
MSVOA_V
ClientSampleId :
VSTD050290

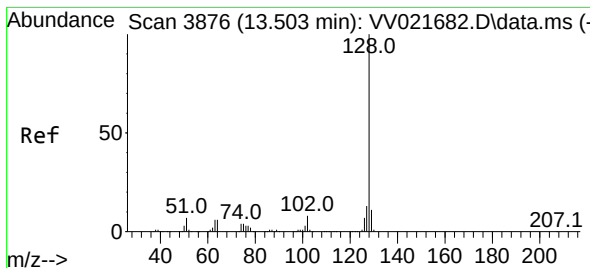
Tgt Ion:180 Resp: 247507
Ion Ratio Lower Upper
180 100
182 96.3 75.9 113.9
184 30.5 24.9 37.3
145 29.7 23.7 35.5



#70
1,2,4-trichlorobenzene
Concen: 47.399 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. -0.000 min
Lab File: VV021685.D
Acq: 20 Jul 2021 10:05

Tgt Ion:180 Resp: 215207
Ion Ratio Lower Upper
180 100
182 96.1 76.7 115.1
145 30.5 24.5 36.7

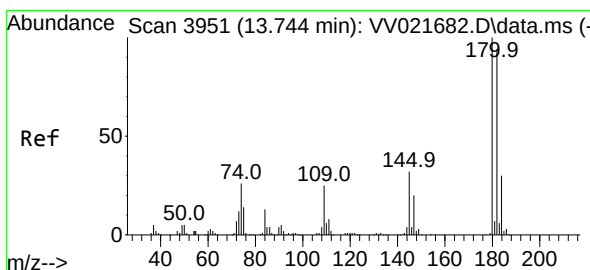
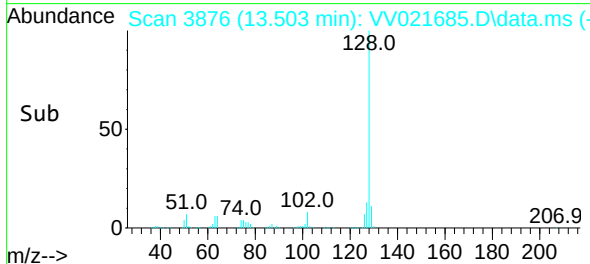
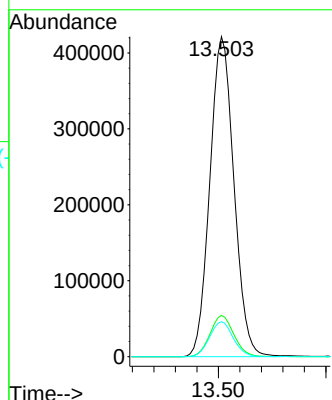
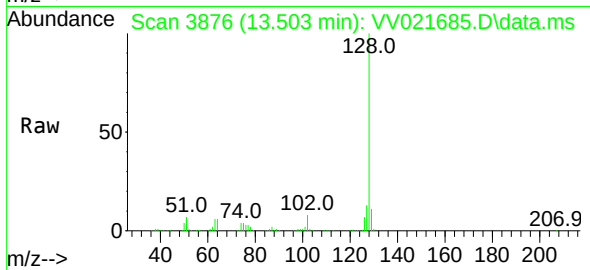




#71
Naphthalene
Concen: 46.683 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV021685.D
Acq: 20 Jul 2021 10:05

Instrument :
MSVOA_V
ClientSampleId :
VSTD050290

Tgt Ion:128 Resp: 655003
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.8 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 47.192 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. 0.003 min
Lab File: VV021685.D
Acq: 20 Jul 2021 10:05

Tgt Ion:180 Resp: 218450
Ion Ratio Lower Upper
180 100
182 93.7 75.8 113.8
145 31.9 25.5 38.3

