

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080221\
 Data File : VV021721.D
 Acq On : 02 Aug 2021 15:59
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050296

Quant Time: Aug 03 02:13:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 03 02:08:28 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	419573	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	394387	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	208337	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	129035	48.971	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.940%
7) Chloroethane-d5	1.555	69	107140	49.301	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.600%
11) 1,1-Dichloroethene-d2	2.105	63	233856	49.622	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.240%
21) 2-Butanone-d5	3.873	46	234360	103.543	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.540%
24) Chloroform-d	4.349	84	282675	50.614	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.220%
26) 1,2-Dichloroethane-d4	5.030	65	168213	50.363	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.720%
32) Benzene-d6	5.050	84	569229	50.923	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.840%
36) 1,2-Dichloropropane-d6	6.069	67	179371	50.627	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.260%
41) Toluene-d8	7.317	98	529837	51.230	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.460%
43) trans-1,3-Dichloroprop...	7.622	79	89817	51.376	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.760%
47) 2-Hexanone-d5	8.088	63	163742	105.990	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.990%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	246828	52.861	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.720%
66) 1,2-Dichlorobenzene-d4	11.625	152	217913	50.518	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	142591	51.351	ug/L	99
3) Chloromethane	1.240	50	136661	49.924	ug/L	99
5) Vinyl chloride	1.307	62	137781	49.394	ug/L	100
6) Bromomethane	1.503	94	85631	55.838	ug/L	100
8) Chloroethane	1.574	64	85406	50.053	ug/L	100
9) Trichlorofluoromethane	1.748	101	205512	50.615	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	119656	52.248	ug/L	97
12) 1,1-Dichloroethene	2.114	96	104280	49.667	ug/L	89
13) Acetone	2.159	43	170310	114.701	ug/L	99
14) Carbon disulfide	2.288	76	283121	50.313	ug/L	99
15) Methyl Acetate	2.426	43	156464	50.482	ug/L	99
16) Methylene chloride	2.503	84	146921	51.401	ug/L	97
17) trans-1,2-Dichloroethene	2.757	96	125830	50.792	ug/L	97
18) Methyl tert-butyl Ether	2.767	73	445565	51.045	ug/L	100
19) 1,1-Dichloroethane	3.188	63	246392	50.998	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	148959	50.781	ug/L	98
22) 2-Butanone	3.957	43	241248	111.652	ug/L	99
23) Bromochloromethane	4.246	128	79781	50.626	ug/L	97
25) Chloroform	4.375	83	260228	51.336	ug/L	99

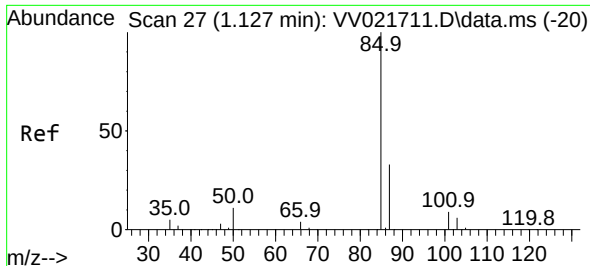
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 QLast Update : Tue Aug 03 02:08:28 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	183420	51.181	ug/L	100
29) Cyclohexane	4.677	56	200369	50.778	ug/L	98
30) 1,1,1-Trichloroethane	4.609	97	227806	51.168	ug/L	99
31) Carbon tetrachloride	4.828	117	192807	50.332	ug/L	99
33) Benzene	5.098	78	542166	51.119	ug/L	100
34) Trichloroethene	5.915	95	147418	49.058	ug/L	98
35) Methylcyclohexane	6.130	83	213446	52.101	ug/L	99
37) 1,2-Dichloropropane	6.175	63	145248	51.398	ug/L	99
38) Bromodichloromethane	6.510	83	194404	50.381	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	232443	51.909	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	425041	103.245	ug/L	100
42) Toluene	7.387	91	590681	51.654	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	223496	52.068	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	148087	51.458	ug/L	99
46) Tetrachloroethene	7.976	164	114786	51.689	ug/L	97
48) 2-Hexanone	8.140	43	333168	105.588	ug/L	100
49) Dibromochloromethane	8.246	129	164285	50.121	ug/L	99
50) 1,2-Dibromoethane	8.352	107	156643	51.228	ug/L	99
51) Chlorobenzene	8.882	112	391015	51.174	ug/L	100
52) Ethylbenzene	9.014	91	645994	52.030	ug/L	100
53) m,p-Xylene	9.140	106	252292	52.354	ug/L	98
54) o-Xylene	9.545	106	249996	51.553	ug/L	100
55) Styrene	9.561	104	432250	53.202	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.242	83	229706	53.474	ug/L	98
59) Bromoform	9.731	173	121720	50.520	ug/L	99
60) Isopropylbenzene	9.934	105	662630	51.485	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	189522	51.182	ug/L	98
62) 1,3,5-Trimethylbenzene	10.542	105	563691	51.728	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	578760	52.186	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	317754	51.236	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	321571	51.527	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	325529	51.385	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	49802	51.090	ug/L	97
69) 1,3,5-Trichlorobenzene	12.648	180	239253	51.842	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	205843	52.905	ug/L	100
71) Naphthalene	13.503	128	623979	55.397	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	209306	54.141	ug/L	99

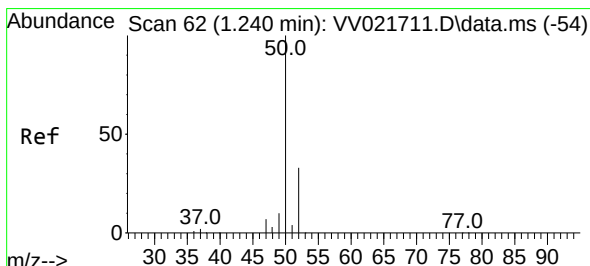
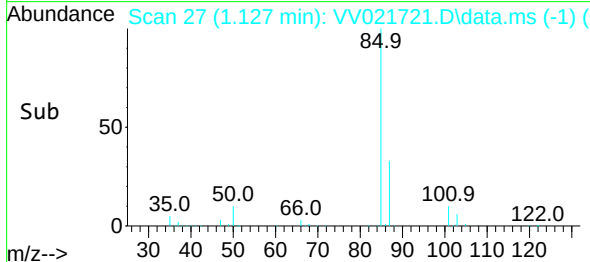
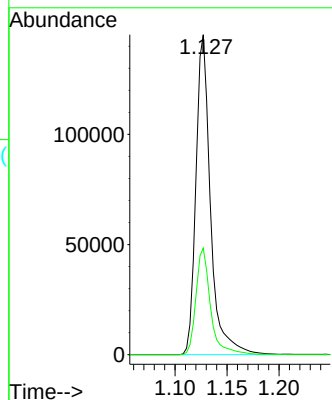
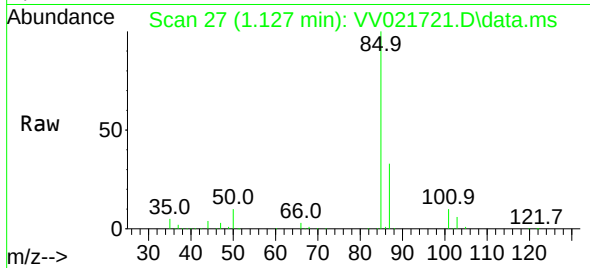
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 51.351 ug/L
RT: 1.127 min Scan# 27
Delta R.T. -0.000 min
Lab File: VV021721.D
Acq: 02 Aug 2021 15:59

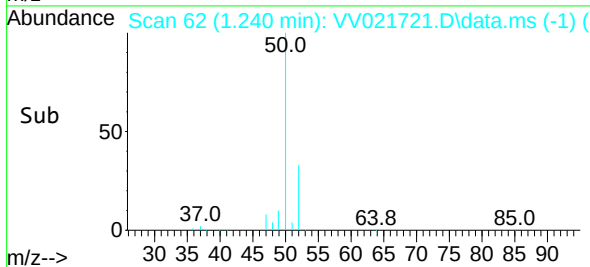
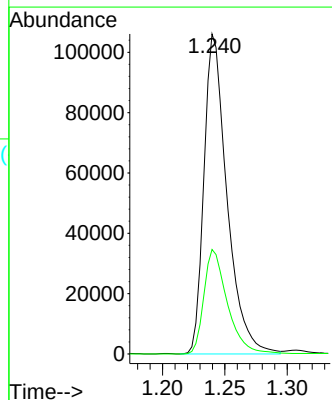
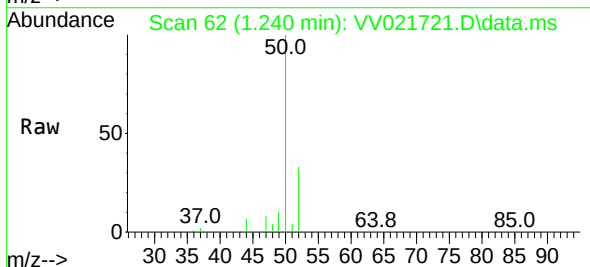
Instrument :
MSVOA_V
ClientSampleId :
VSTD050296

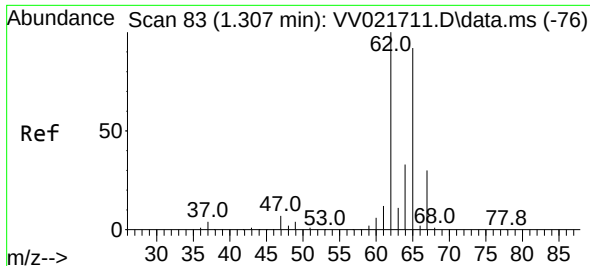
Tgt Ion: 85 Resp: 142591
Ion Ratio Lower Upper
85 100
87 33.2 26.2 39.4



#3
Chloromethane
Concen: 49.924 ug/L
RT: 1.240 min Scan# 62
Delta R.T. -0.000 min
Lab File: VV021721.D
Acq: 02 Aug 2021 15:59

Tgt Ion: 50 Resp: 136661
Ion Ratio Lower Upper
50 100
52 32.6 23.1 42.9

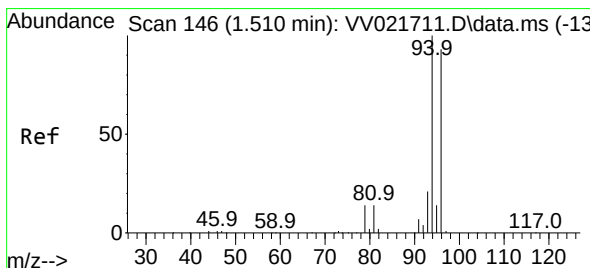
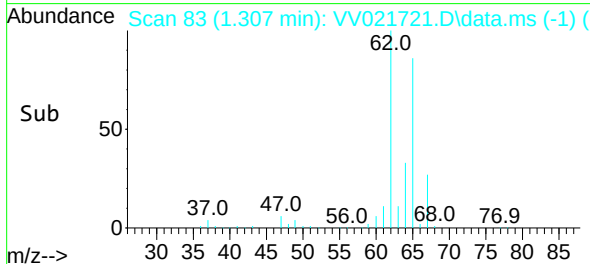
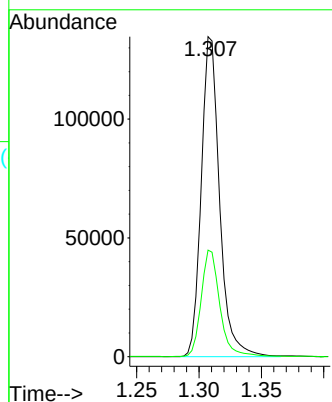
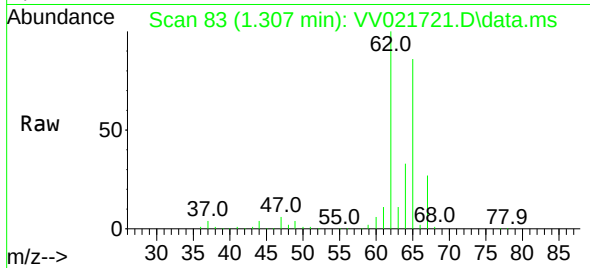




#5
 Vinyl chloride
 Concen: 49.394 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VV021721.D
 Acq: 02 Aug 2021 15:59

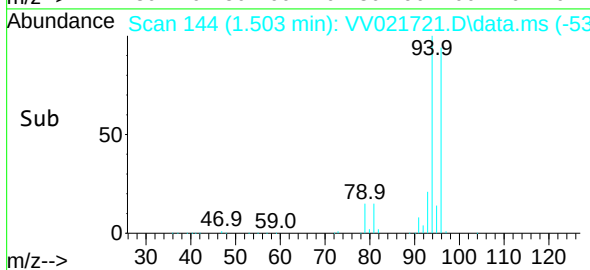
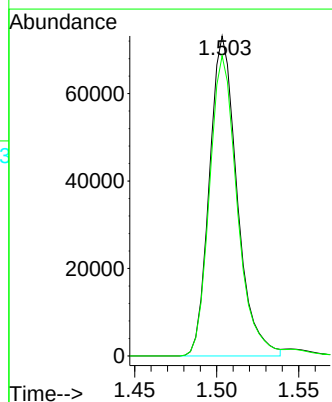
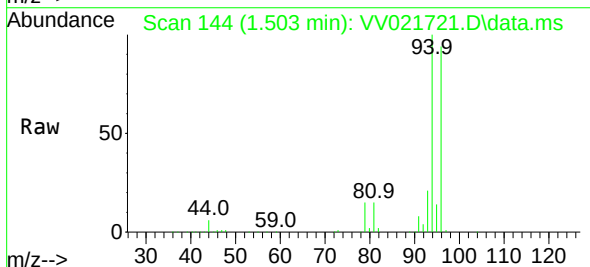
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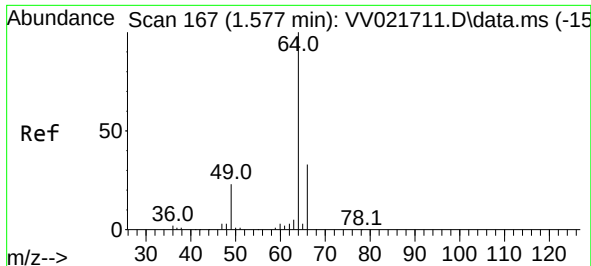
Tgt Ion: 62 Resp: 137781
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.2 43.2



#6
 Bromomethane
 Concen: 55.838 ug/L
 RT: 1.503 min Scan# 144
 Delta R.T. -0.007 min
 Lab File: VV021721.D
 Acq: 02 Aug 2021 15:59

Tgt Ion: 94 Resp: 85631
 Ion Ratio Lower Upper
 94 100
 96 93.8 65.4 121.4

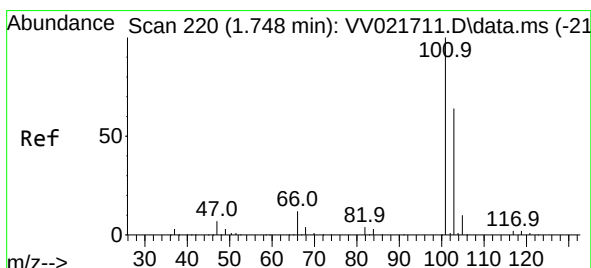
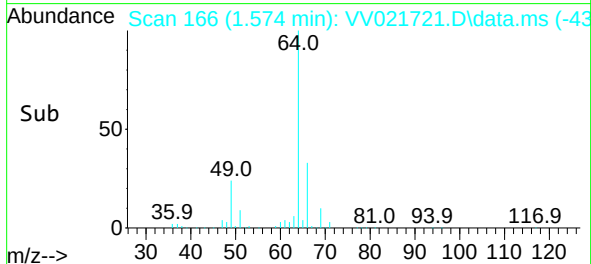
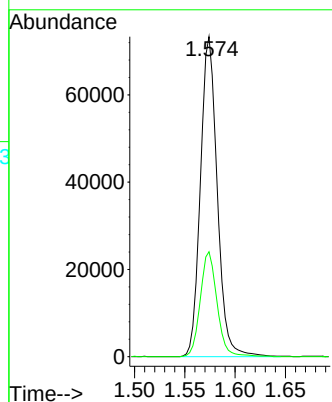
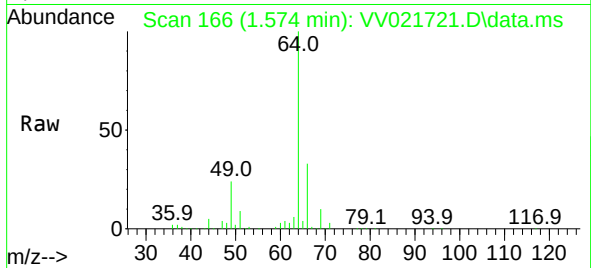




#8
Chloroethane
Concen: 50.053 ug/L
RT: 1.574 min Scan# 166
Delta R.T. -0.003 min
Lab File: VV021721.D
Acq: 02 Aug 2021 15:59

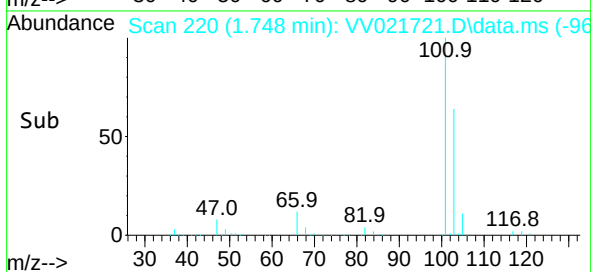
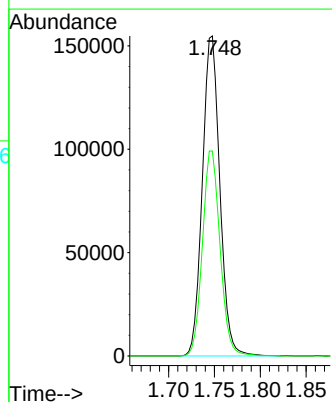
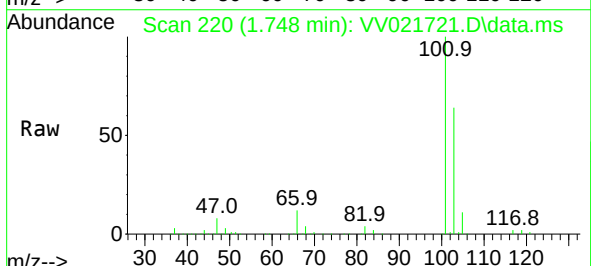
Instrument :
MSVOA_V
ClientSampleId :
VSTD050296

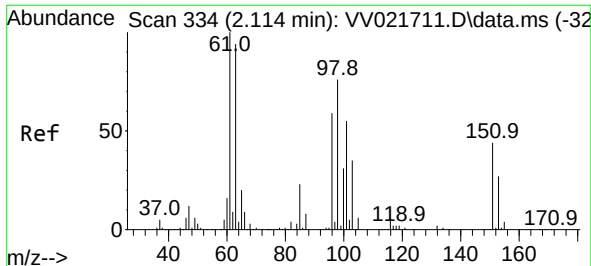
Tgt Ion: 64 Resp: 85406
Ion Ratio Lower Upper
64 100
66 32.8 22.9 42.5



#9
Trichlorofluoromethane
Concen: 50.615 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.000 min
Lab File: VV021721.D
Acq: 02 Aug 2021 15:59

Tgt Ion: 101 Resp: 205512
Ion Ratio Lower Upper
101 100
103 64.5 51.5 77.3





#10

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

Concen: 52.248 ug/L

RT: 2.111 min Scan# 333

Delta R.T. -0.003 min

Lab File: VV021721.D

Acq: 02 Aug 2021 15:59

Tgt Ion:101 Resp: 119656

Ion Ratio Lower Upper

101 100

85 41.6 33.7 50.5

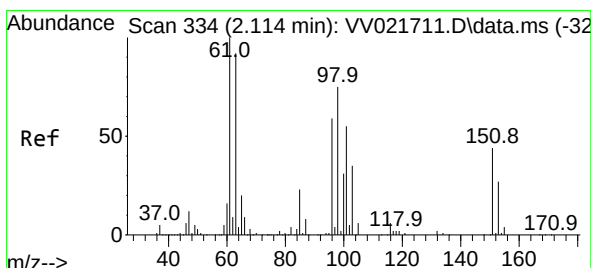
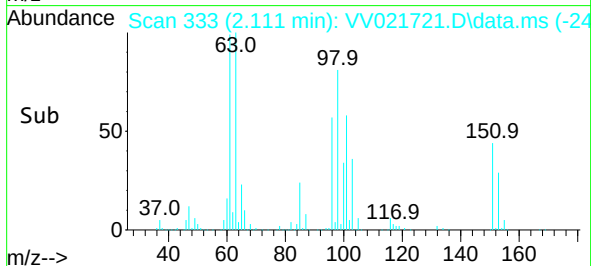
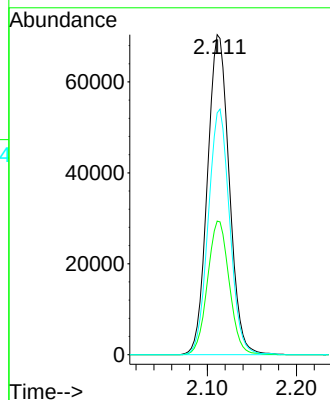
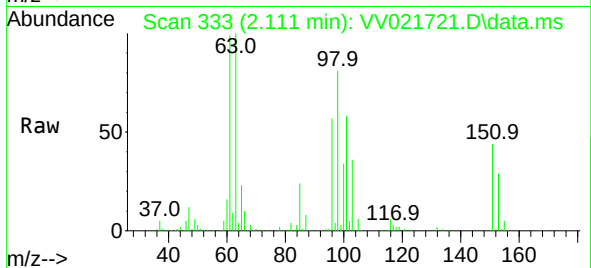
151 75.3 62.7 94.1

Instrument :

MSVOA_V

ClientSampleId :

VSTD050296



#12

1,1-Dichloroethene

Concen: 49.667 ug/L

RT: 2.114 min Scan# 334

Delta R.T. -0.000 min

Lab File: VV021721.D

Acq: 02 Aug 2021 15:59

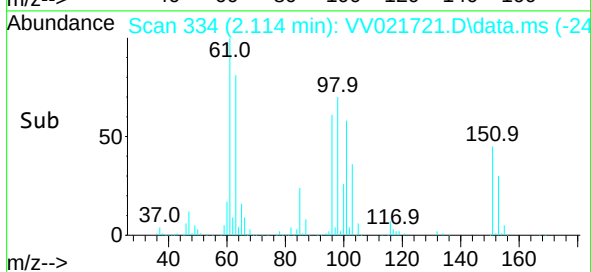
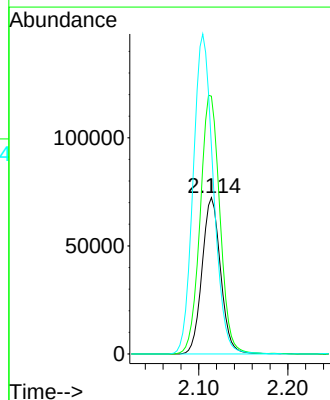
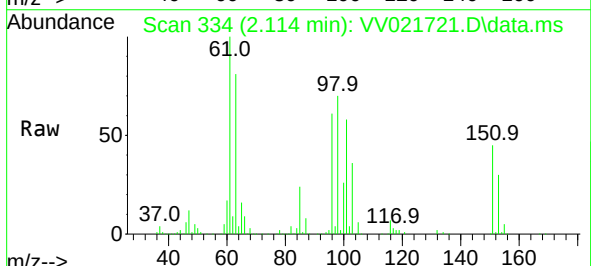
Tgt Ion: 96 Resp: 104280

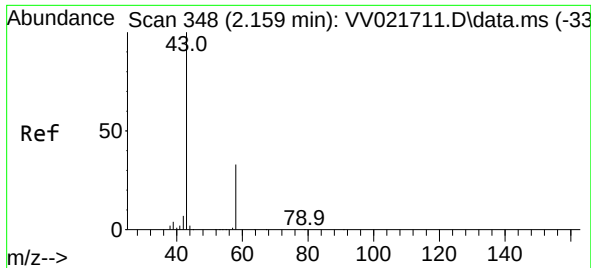
Ion Ratio Lower Upper

96 100

61 165.0 118.2 219.4

63 133.1 110.9 205.9

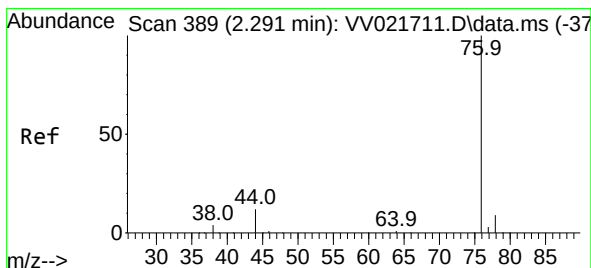
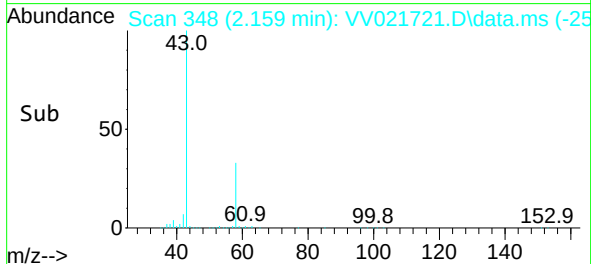
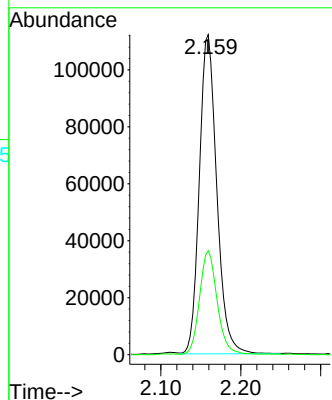
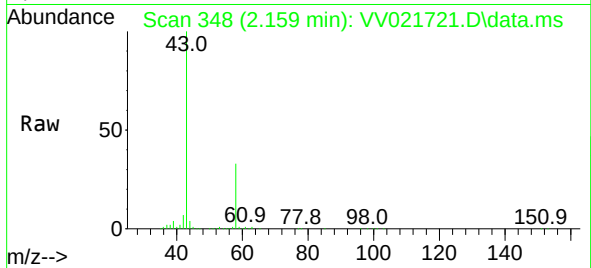




#13
Acetone
Concen: 114.701 ug/L
RT: 2.159 min Scan# 348
Delta R.T. -0.000 min
Lab File: VV021721.D
Acq: 02 Aug 2021 15:59

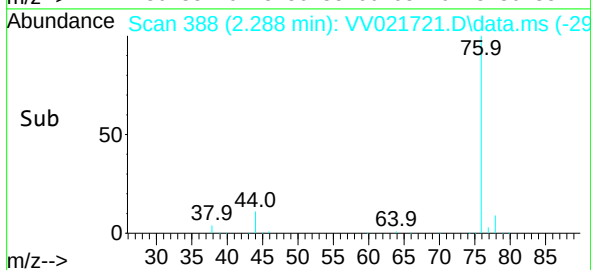
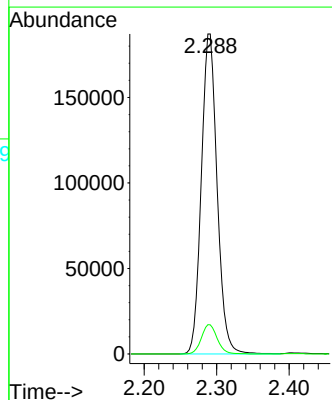
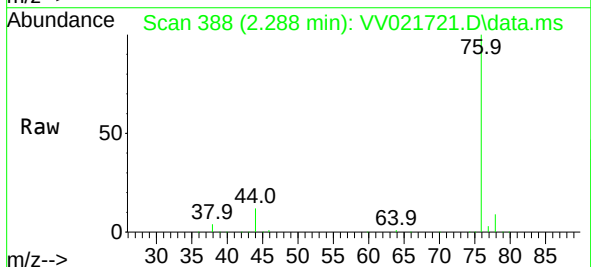
Instrument :
MSVOA_V
ClientSampleId :
VSTD050296

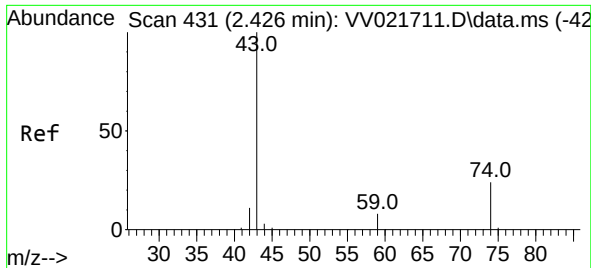
Tgt Ion: 43 Resp: 170310
Ion Ratio Lower Upper
43 100
58 32.6 0.0 66.2



#14
Carbon disulfide
Concen: 50.313 ug/L
RT: 2.288 min Scan# 388
Delta R.T. -0.003 min
Lab File: VV021721.D
Acq: 02 Aug 2021 15:59

Tgt Ion: 76 Resp: 283121
Ion Ratio Lower Upper
76 100
78 9.2 7.6 11.4

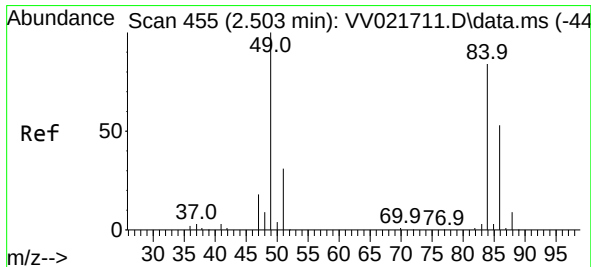
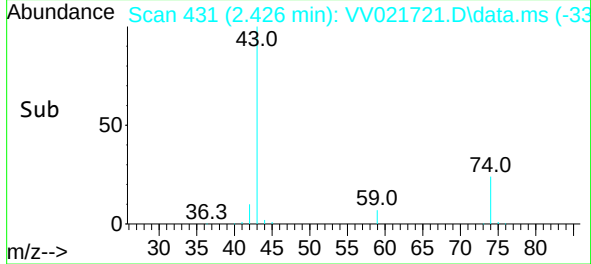
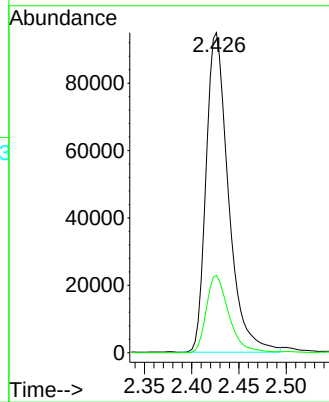
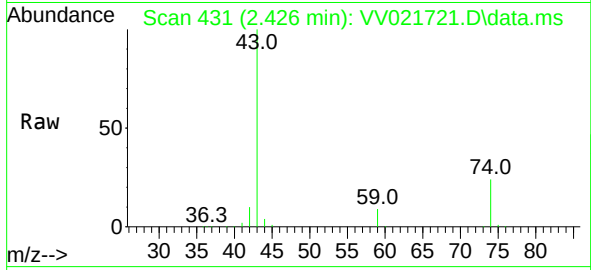




#15
Methyl Acetate
Concen: 50.482 ug/L
RT: 2.426 min Scan# 431
Delta R.T. -0.000 min
Lab File: VV021721.D
Acq: 02 Aug 2021 15:59

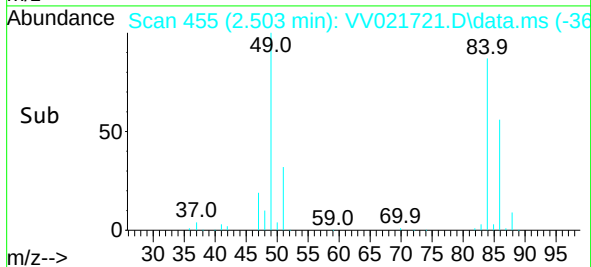
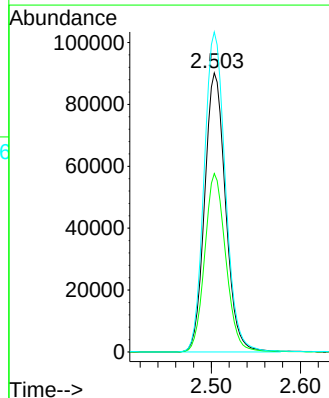
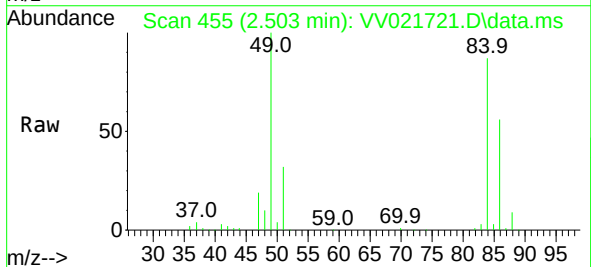
Instrument :
MSVOA_V
ClientSampleId :
VSTD050296

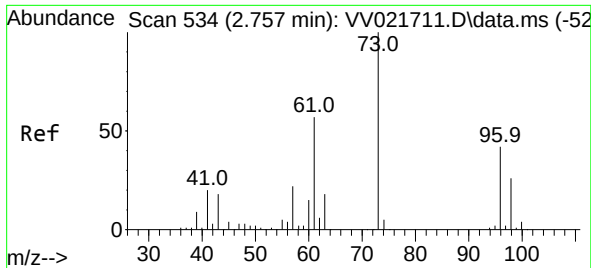
Tgt Ion: 43 Resp: 156464
Ion Ratio Lower Upper
43 100
74 24.3 19.0 28.4



#16
Methylene chloride
Concen: 51.401 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.000 min
Lab File: VV021721.D
Acq: 02 Aug 2021 15:59

Tgt Ion: 84 Resp: 146921
Ion Ratio Lower Upper
84 100
86 63.9 44.2 82.2
49 114.7 83.4 155.0

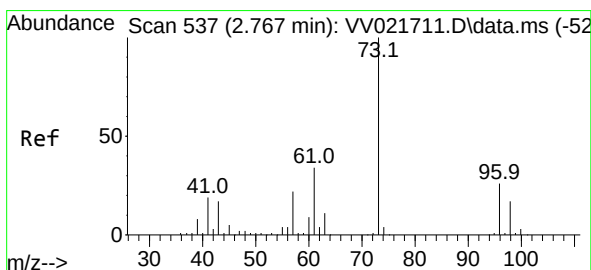
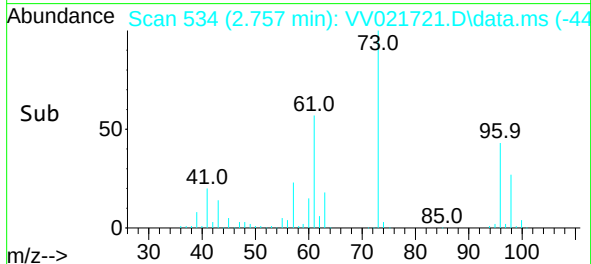
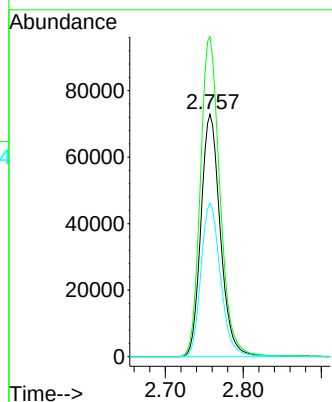
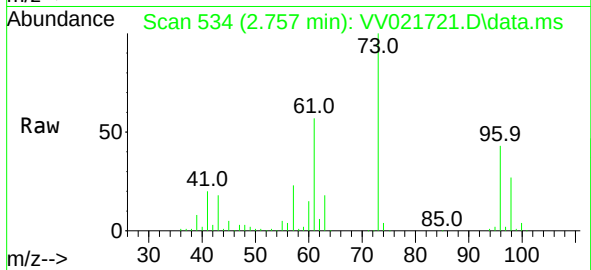




#17
trans-1,2-Dichloroethene
Concen: 50.792 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.000 min
Lab File: VV021721.D
Acq: 02 Aug 2021 15:59

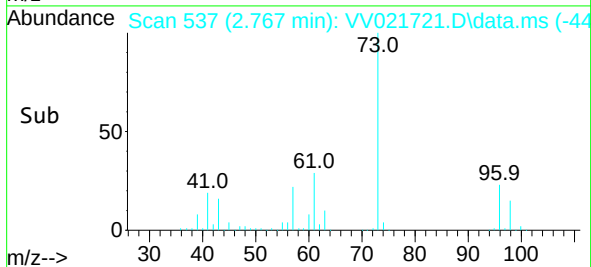
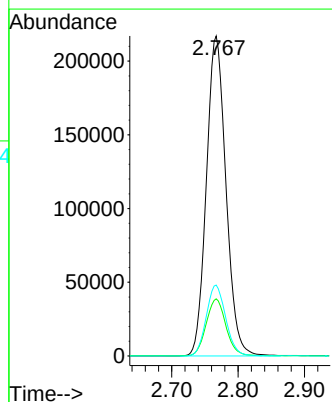
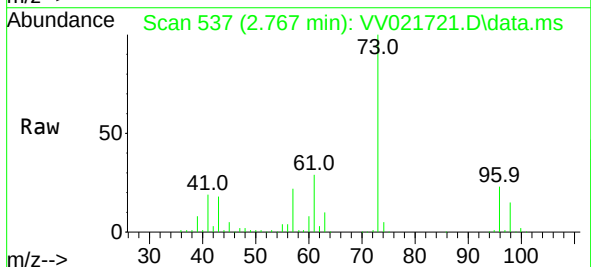
Instrument :
MSVOA_V
ClientSampleId :
VSTD050296

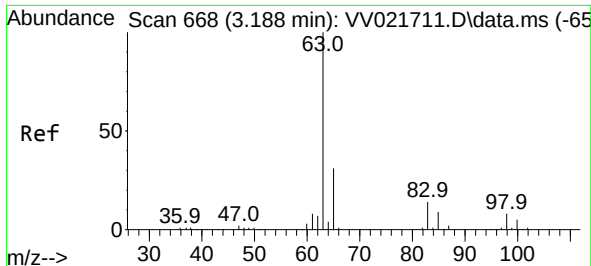
Tgt Ion: 96 Resp: 125830
Ion Ratio Lower Upper
96 100
61 132.0 95.1 176.7
98 63.3 43.8 81.3



#18
Methyl tert-butyl Ether
Concen: 51.045 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.000 min
Lab File: VV021721.D
Acq: 02 Aug 2021 15:59

Tgt Ion: 73 Resp: 445565
Ion Ratio Lower Upper
73 100
43 17.7 14.3 21.5
57 22.0 17.7 26.5





#19

1,1-Dichloroethane

Concen: 50.998 ug/L

RT: 3.188 min Scan# 668

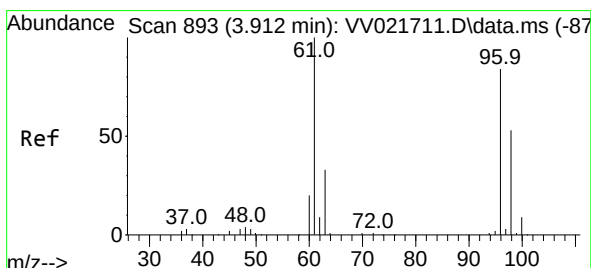
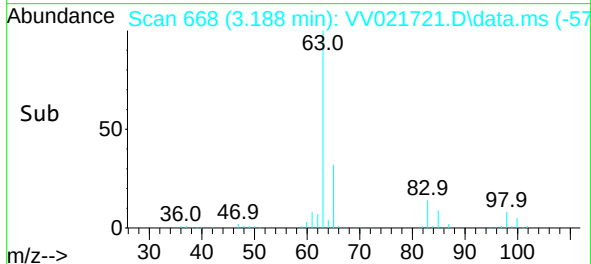
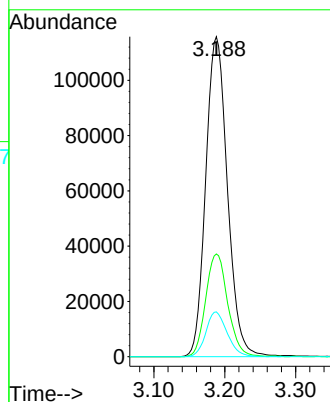
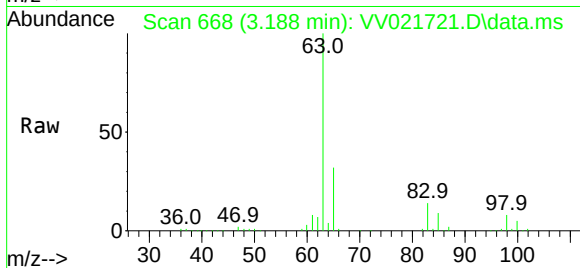
Delta R.T. -0.000 min

Lab File: VV021721.D

Acq: 02 Aug 2021 15:59

Tgt Ion: 63 Resp: 246392

Ion	Ratio	Lower	Upper
63	100		
65	32.1	22.0	41.0
83	14.0	9.7	18.1



#20

cis-1,2-Dichloroethene

Concen: 50.781 ug/L

RT: 3.912 min Scan# 893

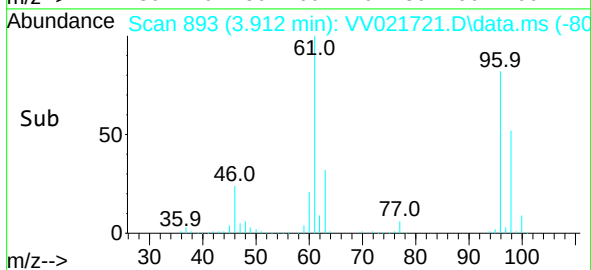
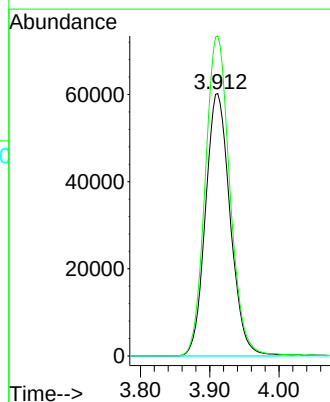
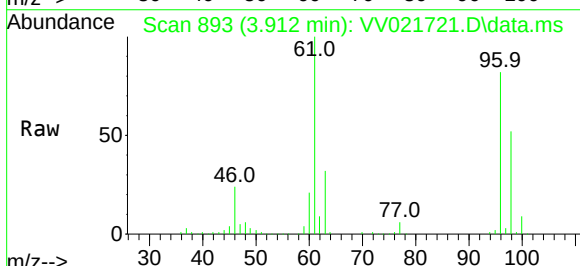
Delta R.T. -0.000 min

Lab File: VV021721.D

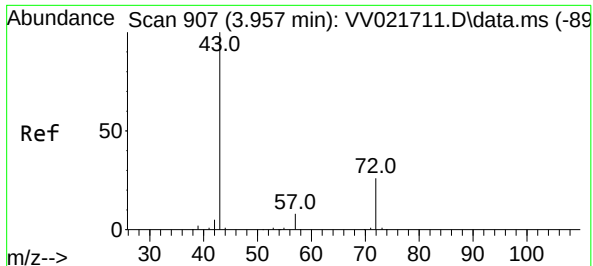
Acq: 02 Aug 2021 15:59

Tgt Ion: 96 Resp: 148959

Ion	Ratio	Lower	Upper
96	100		
61	122.0	84.1	156.3
68	0.0	0.0	0.0



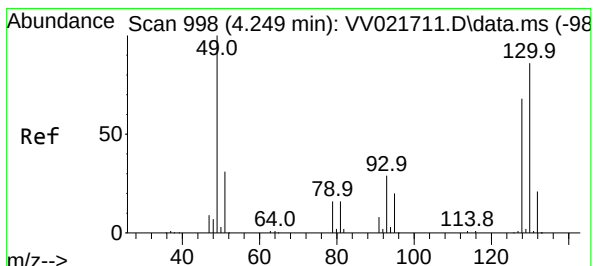
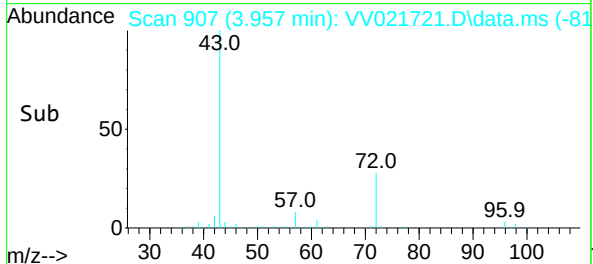
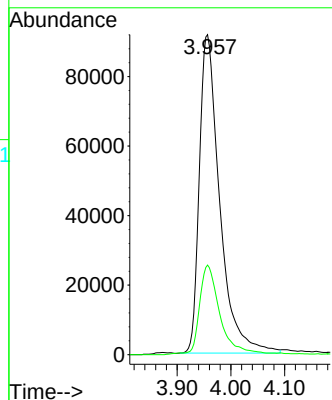
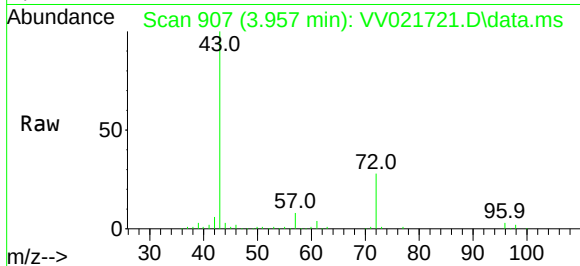
Instrument :
MSVOA_V
ClientSampleId :
VSTD050296



#22
2-Butanone
Concen: 111.652 ug/L
RT: 3.957 min Scan# 907
Delta R.T. -0.000 min
Lab File: VV021721.D
Acq: 02 Aug 2021 15:59

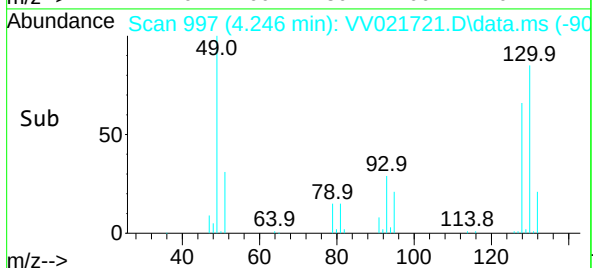
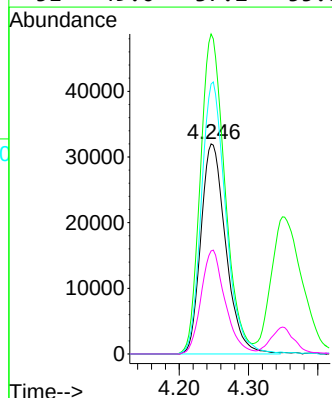
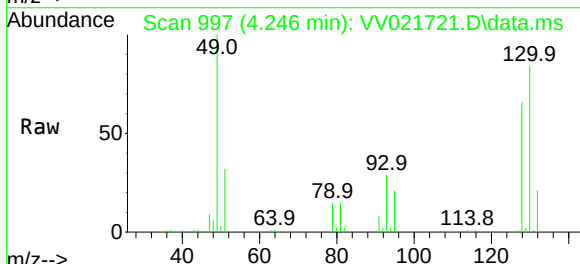
Instrument :
MSVOA_V
ClientSampleId :
VSTD050296

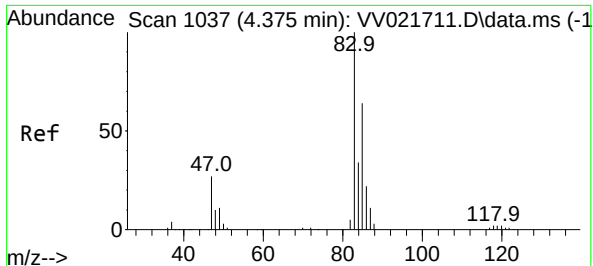
Tgt Ion: 43 Resp: 241248
Ion Ratio Lower Upper
43 100
72 26.8 13.8 41.4



#23
Bromochloromethane
Concen: 50.626 ug/L
RT: 4.246 min Scan# 997
Delta R.T. -0.003 min
Lab File: VV021721.D
Acq: 02 Aug 2021 15:59

Tgt Ion:128 Resp: 79781
Ion Ratio Lower Upper
128 100
49 152.3 103.6 192.4
130 128.5 88.8 165.0
51 49.0 37.2 55.8





#25

Chloroform

Concen: 51.336 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VV021721.D

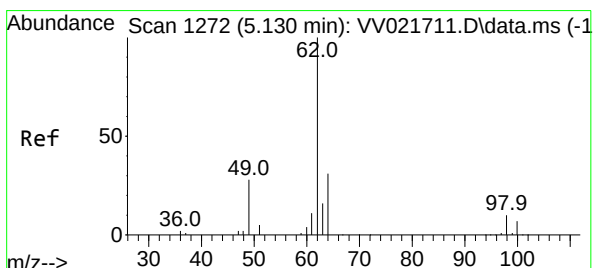
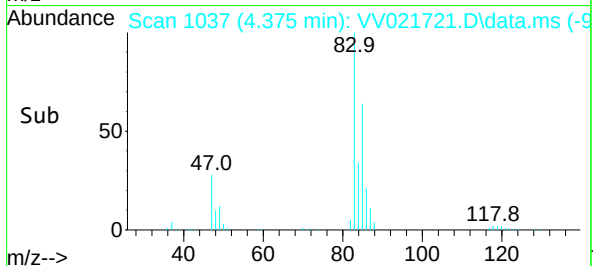
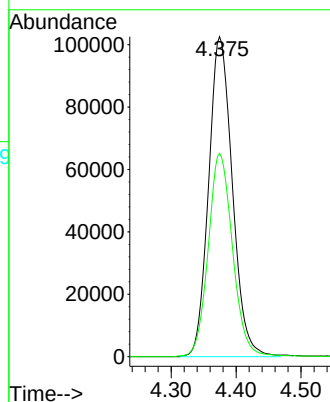
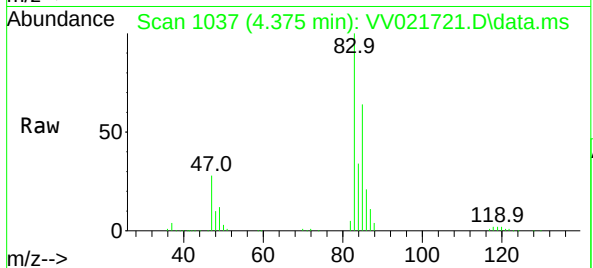
Acq: 02 Aug 2021 15:59

Tgt Ion: 83 Resp: 260228

Ion Ratio Lower Upper

83 100

85 63.5 45.0 83.6



#27

1,2-Dichloroethane

Concen: 51.181 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VV021721.D

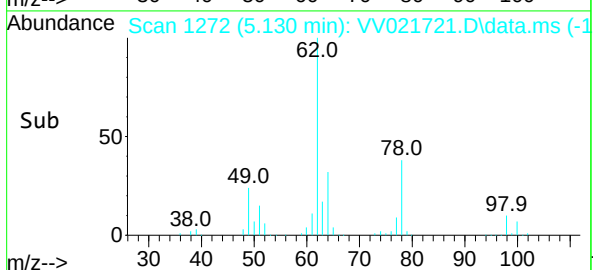
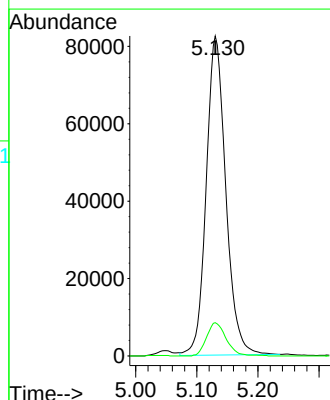
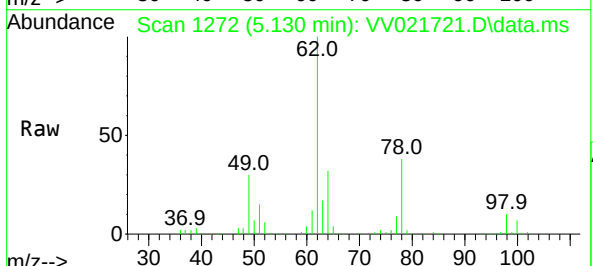
Acq: 02 Aug 2021 15:59

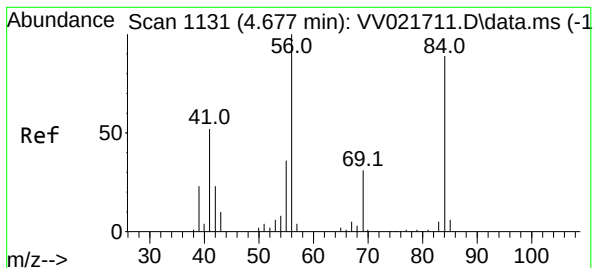
Tgt Ion: 62 Resp: 183420

Ion Ratio Lower Upper

62 100

98 10.4 8.3 12.5





#29

Cyclohexane

Concen: 50.778 ug/L

RT: 4.677 min Scan# 1131

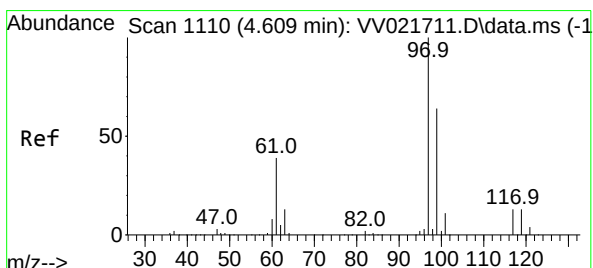
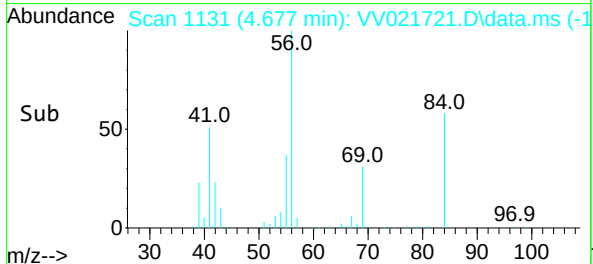
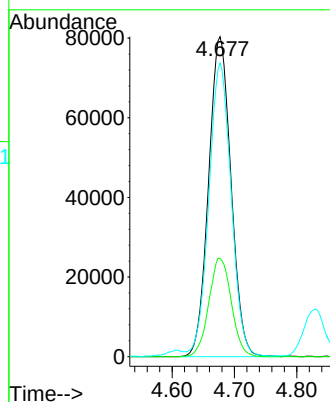
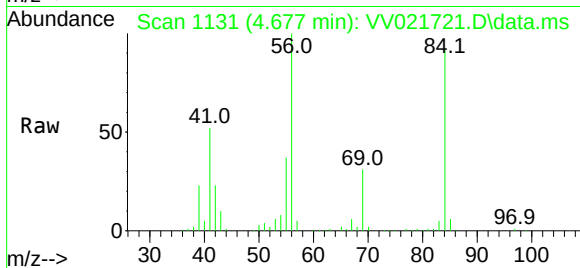
Delta R.T. -0.000 min

Lab File: VV021721.D

Acq: 02 Aug 2021 15:59

Tgt Ion: 56 Resp: 200369

Ion	Ratio	Lower	Upper
56	100		
69	31.0	25.1	37.7
84	91.4	71.7	107.5



#30

1,1,1-Trichloroethane

Concen: 51.168 ug/L

RT: 4.609 min Scan# 1110

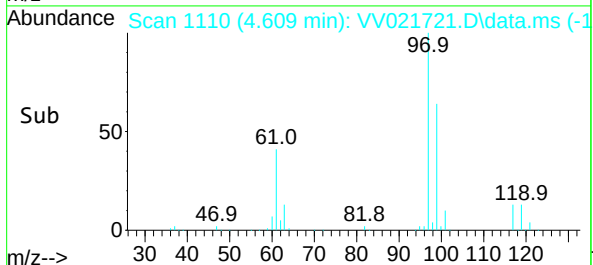
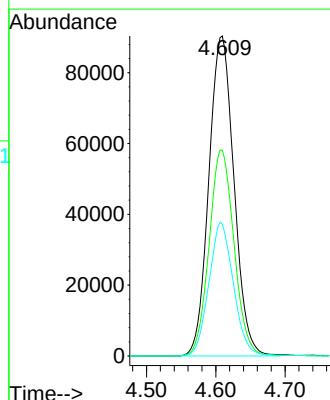
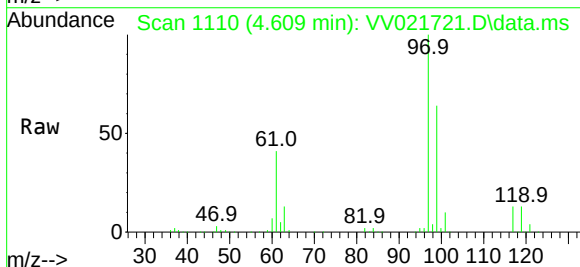
Delta R.T. -0.000 min

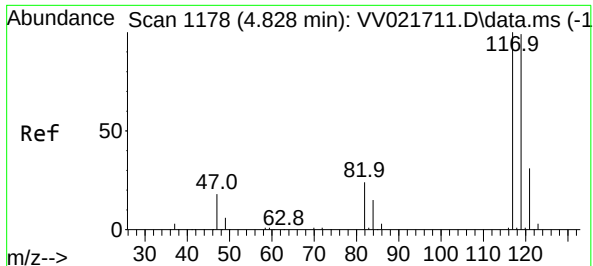
Lab File: VV021721.D

Acq: 02 Aug 2021 15:59

Tgt Ion: 97 Resp: 227806

Ion	Ratio	Lower	Upper
97	100		
99	63.8	52.0	78.0
61	40.6	32.6	49.0

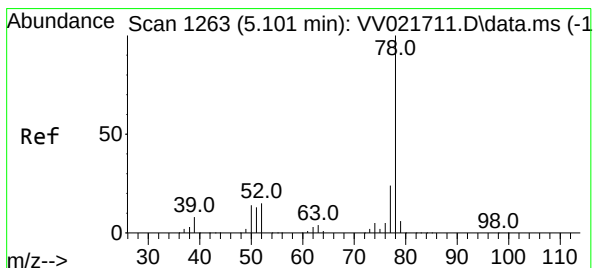
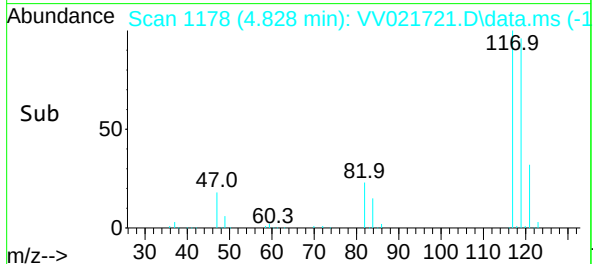
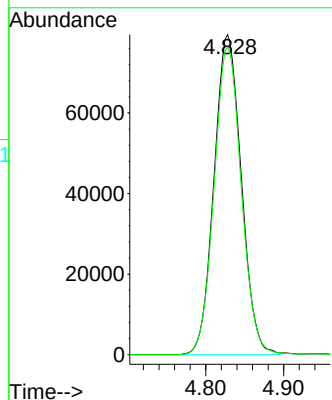
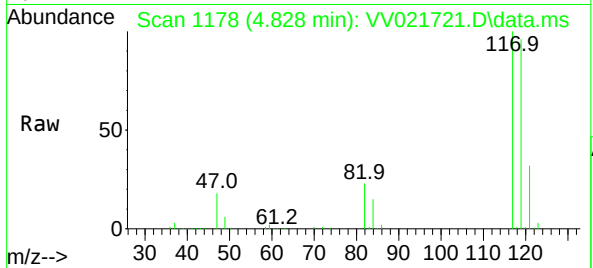




#31
Carbon tetrachloride
Concen: 50.332 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VV021721.D
Acq: 02 Aug 2021 15:59

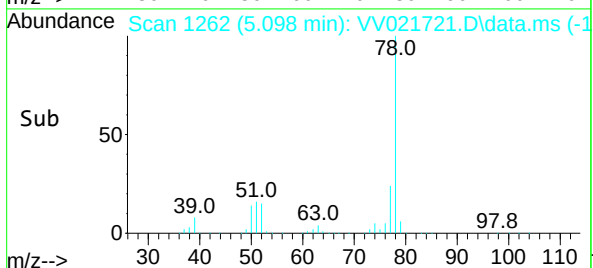
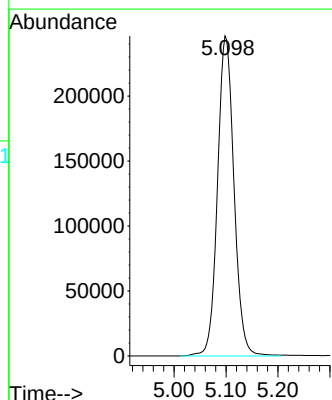
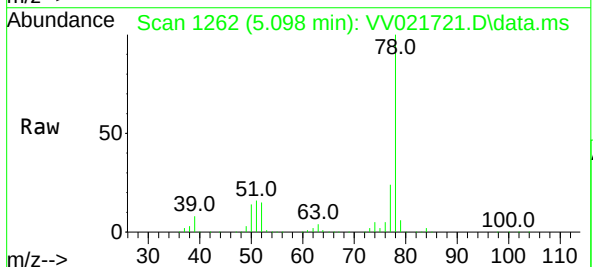
Instrument :
MSVOA_V
ClientSampleId :
VSTD050296

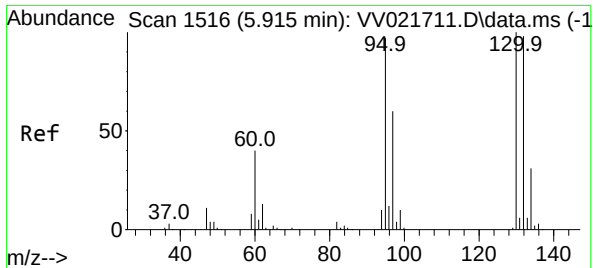
Tgt Ion:117 Resp: 192807
Ion Ratio Lower Upper
117 100
119 96.1 77.7 116.5



#33
Benzene
Concen: 51.119 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. -0.003 min
Lab File: VV021721.D
Acq: 02 Aug 2021 15:59

Tgt Ion: 78 Resp: 542166

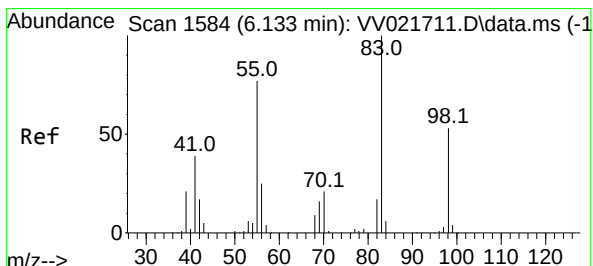
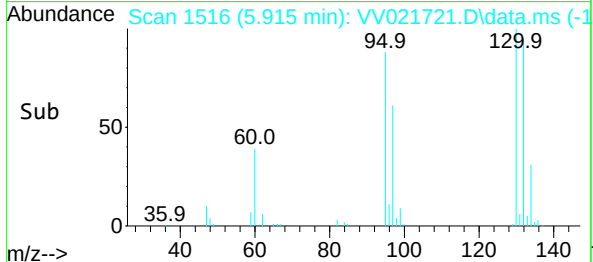
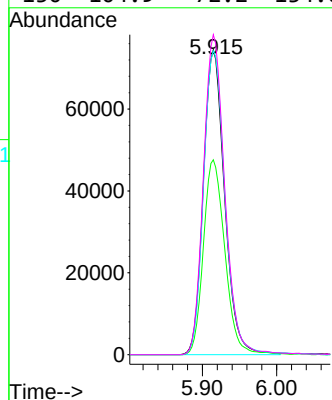
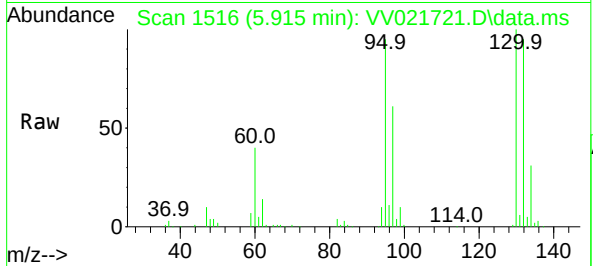




#34
Trichloroethene
Concen: 49.058 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VV021721.D
Acq: 02 Aug 2021 15:59

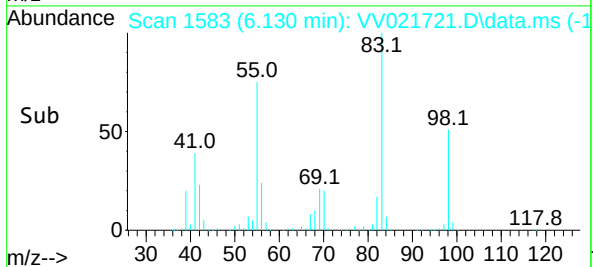
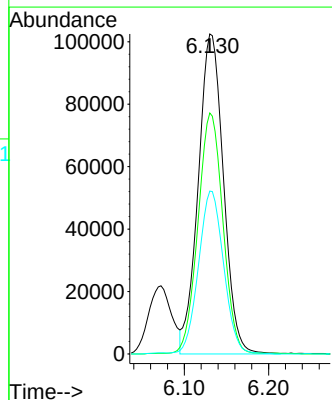
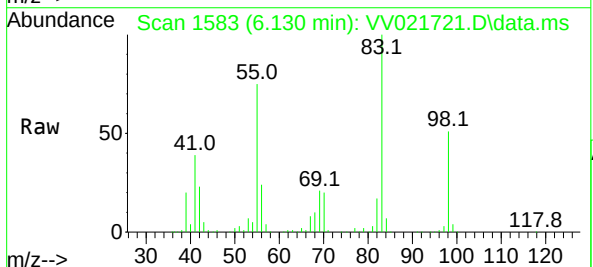
Instrument :
MSVOA_V
ClientSampleId :
VSTD050296

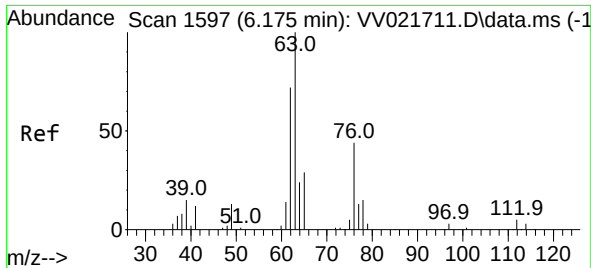
Tgt Ion: 95 Resp: 147418
Ion Ratio Lower Upper
95 100
97 63.9 43.5 80.7
132 99.7 70.6 131.2
130 104.9 72.2 134.0



#35
Methylcyclohexane
Concen: 52.101 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. -0.003 min
Lab File: VV021721.D
Acq: 02 Aug 2021 15:59

Tgt Ion: 83 Resp: 213446
Ion Ratio Lower Upper
83 100
55 74.2 59.1 88.7
98 50.4 40.8 61.2

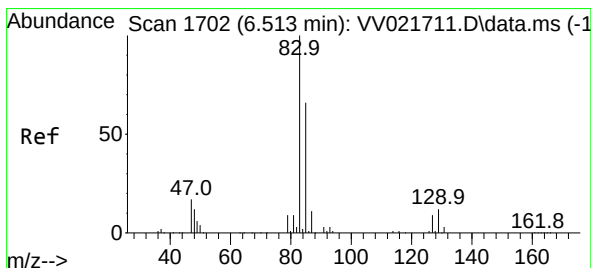
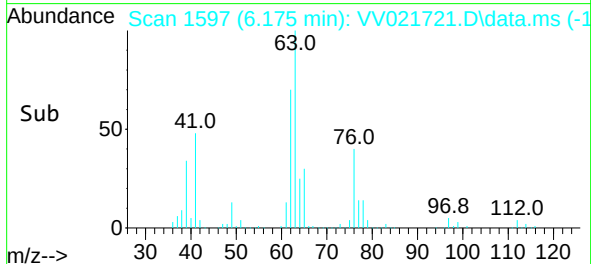
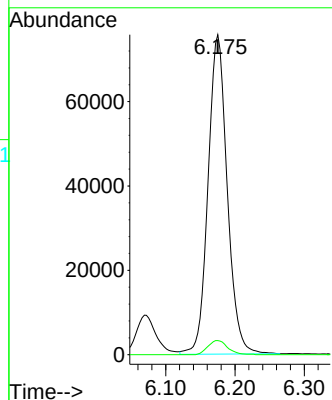
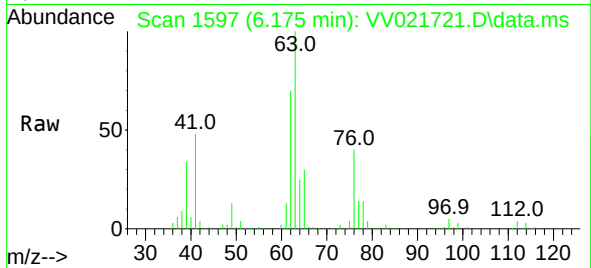




#37
1,2-Dichloropropane
Concen: 51.398 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VV021721.D
Acq: 02 Aug 2021 15:59

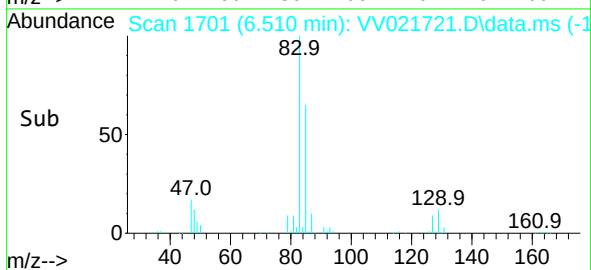
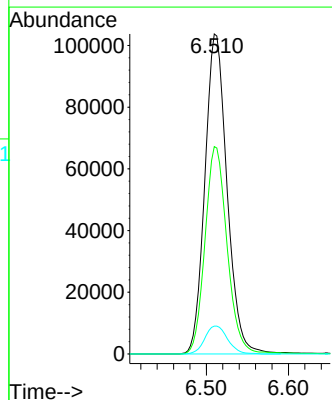
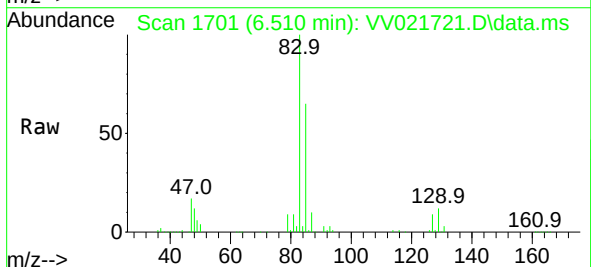
Instrument :
MSVOA_V
ClientSampleId :
VSTD050296

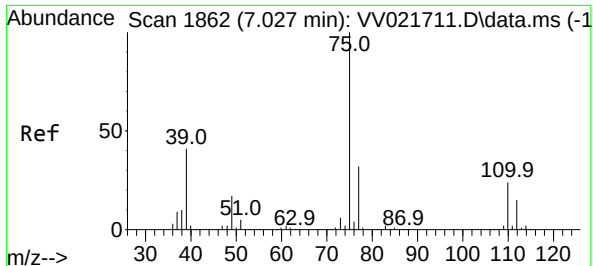
Tgt Ion: 63 Resp: 145248
Ion Ratio Lower Upper
63 100
112 4.6 3.8 5.8



#38
Bromodichloromethane
Concen: 50.381 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. -0.003 min
Lab File: VV021721.D
Acq: 02 Aug 2021 15:59

Tgt Ion: 83 Resp: 194404
Ion Ratio Lower Upper
83 100
85 64.8 45.8 85.2
127 8.7 7.1 10.7

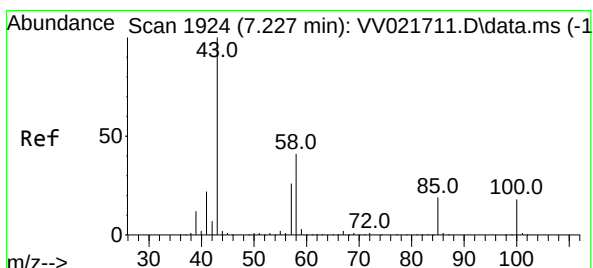
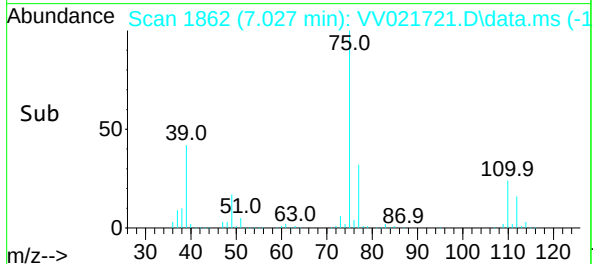
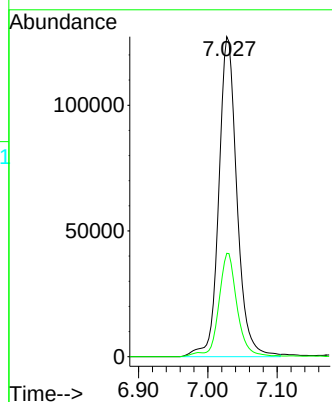
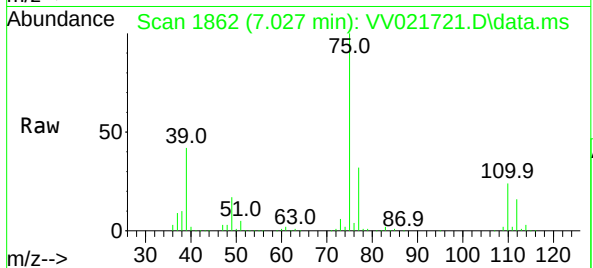




#39
 cis-1,3-Dichloropropene
 Concen: 51.909 ug/L
 RT: 7.027 min Scan# 1862
 Delta R.T. -0.000 min
 Lab File: VV021721.D
 Acq: 02 Aug 2021 15:59

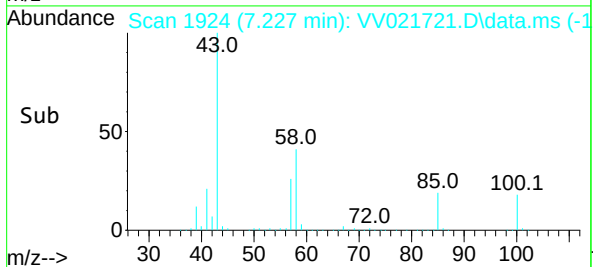
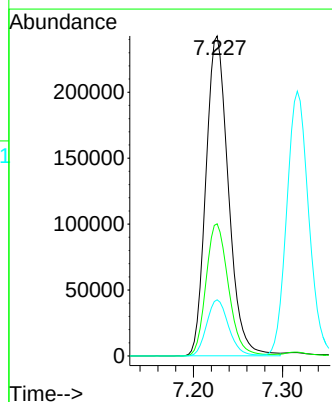
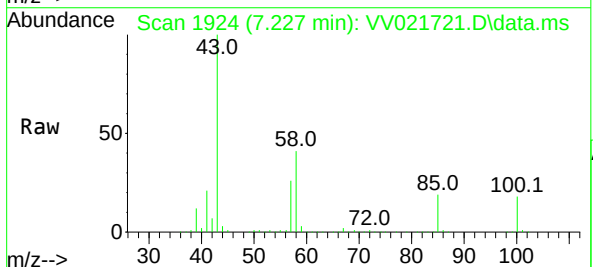
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050296

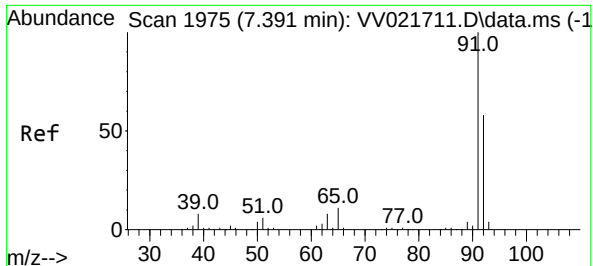
Tgt Ion: 75 Resp: 232443
 Ion Ratio Lower Upper
 75 100
 77 32.3 22.4 41.6



#40
 4-Methyl-2-pentanone
 Concen: 103.245 ug/L
 RT: 7.227 min Scan# 1924
 Delta R.T. -0.000 min
 Lab File: VV021721.D
 Acq: 02 Aug 2021 15:59

Tgt Ion: 43 Resp: 425041
 Ion Ratio Lower Upper
 43 100
 58 41.4 32.9 49.3
 100 17.2 13.8 20.8

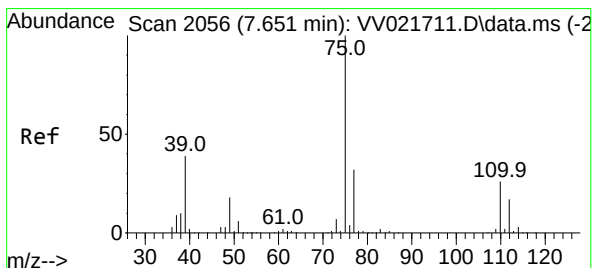
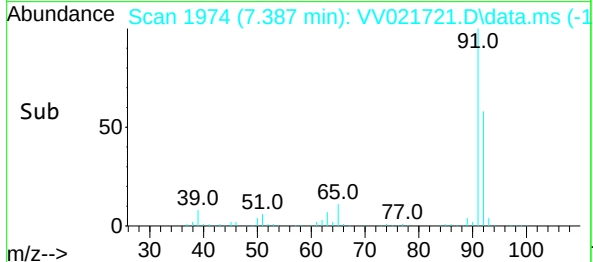
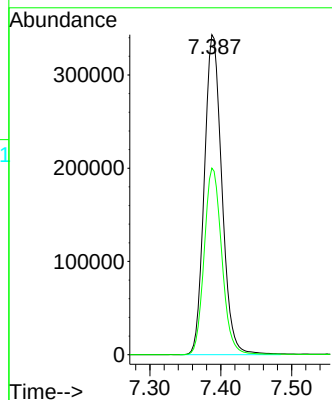
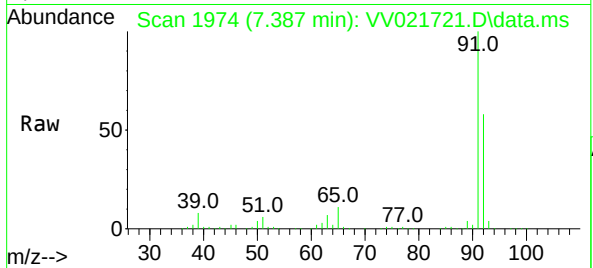




#42
Toluene
Concen: 51.654 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. -0.003 min
Lab File: VV021721.D
Acq: 02 Aug 2021 15:59

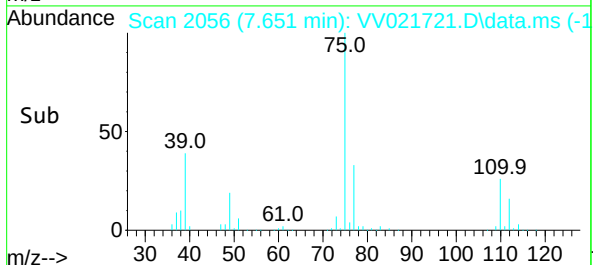
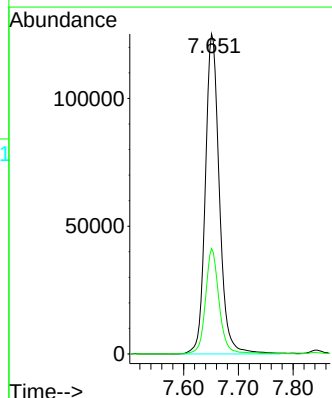
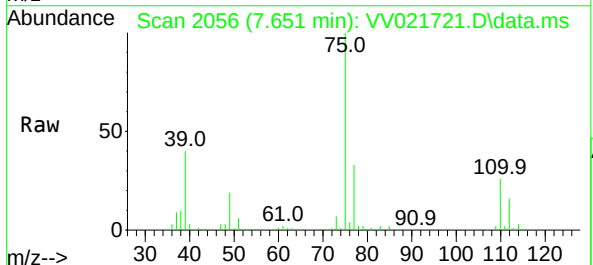
Instrument :
MSVOA_V
ClientSampleId :
VSTD050296

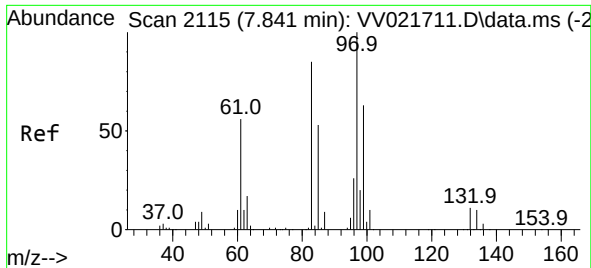
Tgt Ion: 91 Resp: 590681
Ion Ratio Lower Upper
91 100
92 58.3 40.9 76.0



#44
trans-1,3-Dichloropropene
Concen: 52.068 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VV021721.D
Acq: 02 Aug 2021 15:59

Tgt Ion: 75 Resp: 223496
Ion Ratio Lower Upper
75 100
77 32.9 22.3 41.5

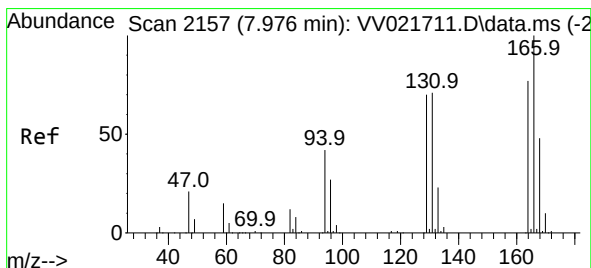
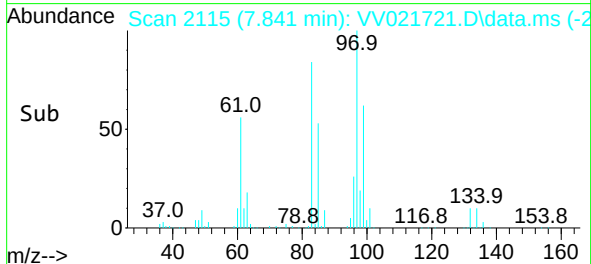
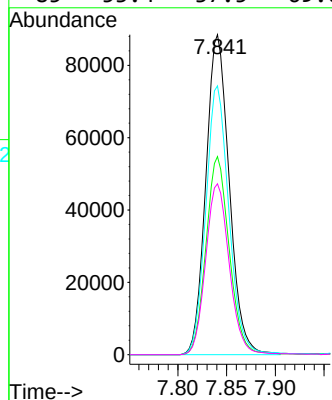
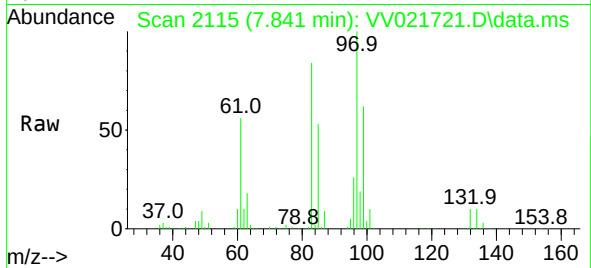




#45
1,1,2-Trichloroethane
Concen: 51.458 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VV021721.D
Acq: 02 Aug 2021 15:59

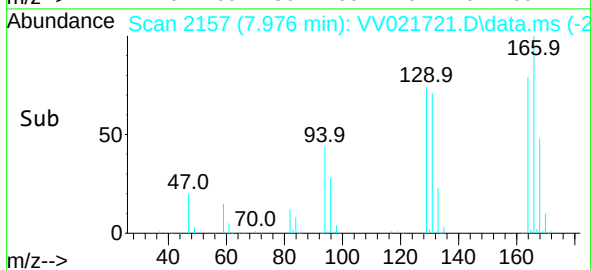
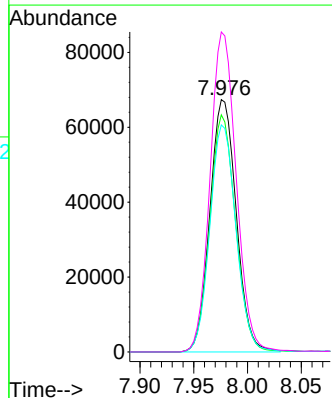
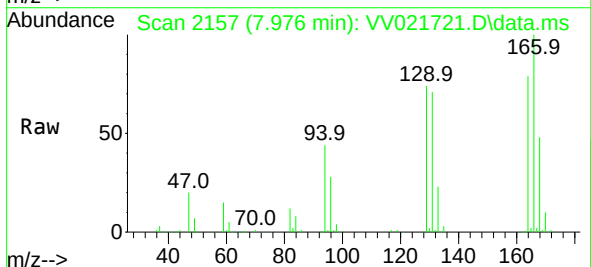
Instrument :
MSVOA_V
ClientSampleId :
VSTD050296

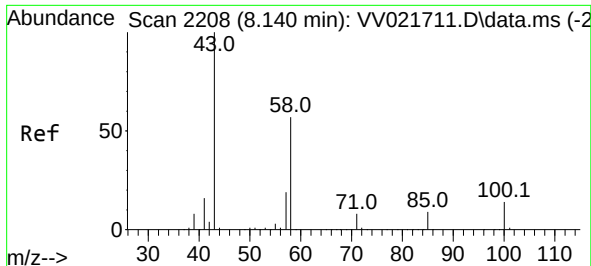
Tgt Ion:	97	Resp:	148087
Ion	Ratio	Lower	Upper
97	100		
99	61.9	43.8	81.3
83	84.0	59.3	110.1
85	53.4	37.5	69.6



#46
Tetrachloroethene
Concen: 51.689 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV021721.D
Acq: 02 Aug 2021 15:59

Tgt Ion:	164	Resp:	114786
Ion	Ratio	Lower	Upper
164	100		
129	93.9	64.3	119.5
131	89.9	65.2	121.0
166	126.8	91.4	169.8

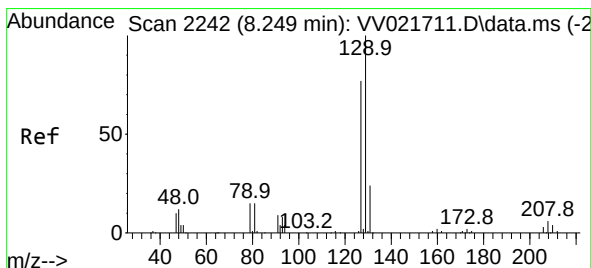
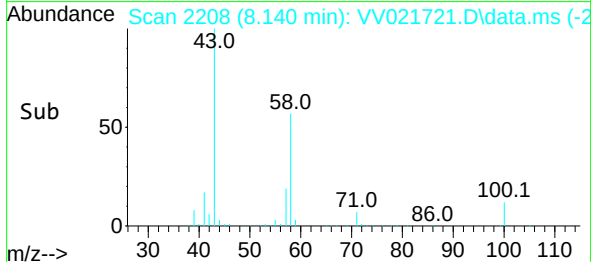
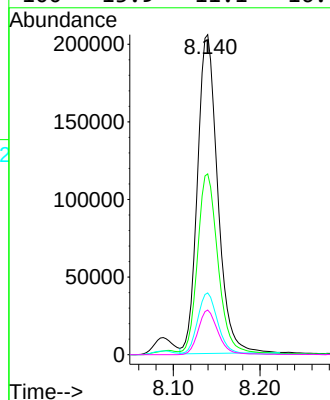
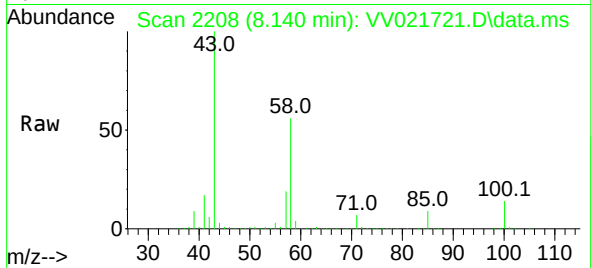




#48
2-Hexanone
Concen: 105.588 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VV021721.D
Acq: 02 Aug 2021 15:59

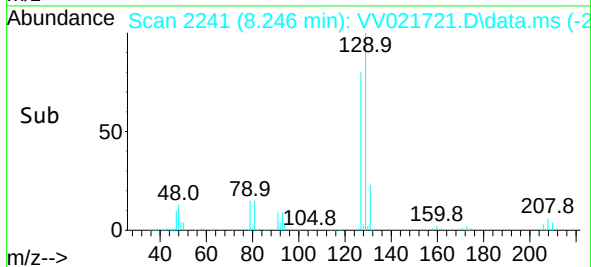
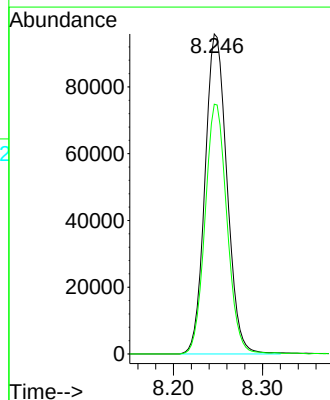
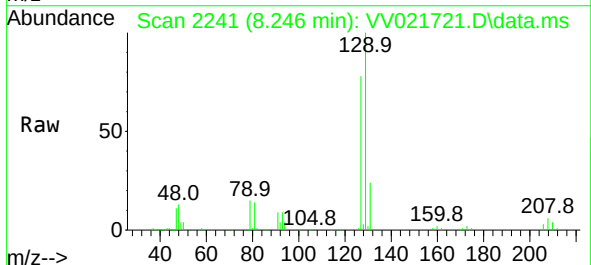
Instrument :
MSVOA_V
ClientSampleId :
VSTD050296

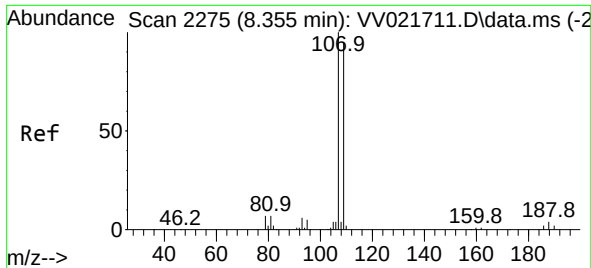
Tgt Ion:	43	Resp:	333168
Ion	Ratio	Lower	Upper
43	100		
58	57.5	46.0	69.0
57	19.3	15.0	22.4
100	13.9	11.1	16.7



#49
Dibromochloromethane
Concen: 50.121 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.003 min
Lab File: VV021721.D
Acq: 02 Aug 2021 15:59

Tgt Ion:	129	Resp:	164285
Ion	Ratio	Lower	Upper
129	100		
127	78.0	54.0	100.2





#50

1,2-Dibromoethane

Concen: 51.228 ug/L

RT: 8.352 min Scan# 2274

Delta R.T. -0.003 min

Lab File: VV021721.D

Acq: 02 Aug 2021 15:59

Instrument :

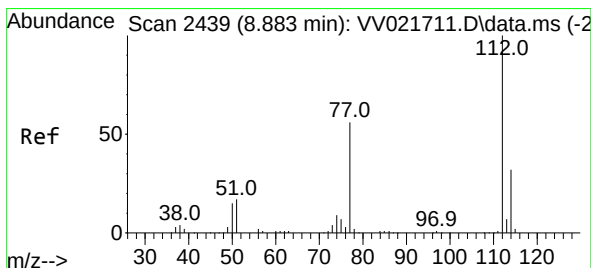
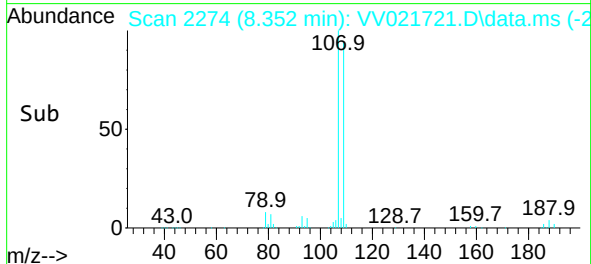
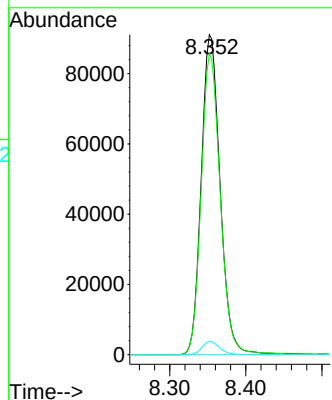
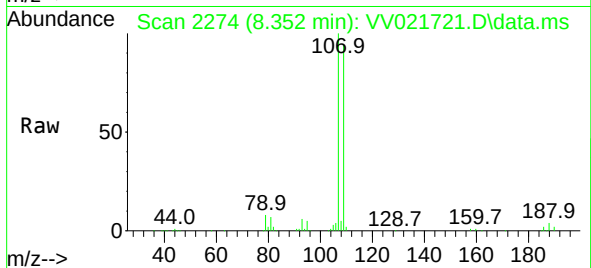
MSVOA_V

ClientSampleId :

VSTD050296

Tgt Ion:107 Resp: 156643

Ion	Ratio	Lower	Upper
107	100		
109	94.0	66.2	123.0
188	4.1	3.1	4.7



#51

Chlorobenzene

Concen: 51.174 ug/L

RT: 8.882 min Scan# 2439

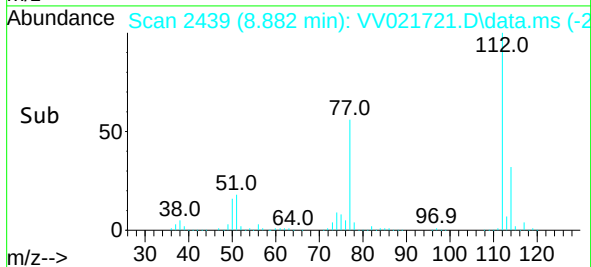
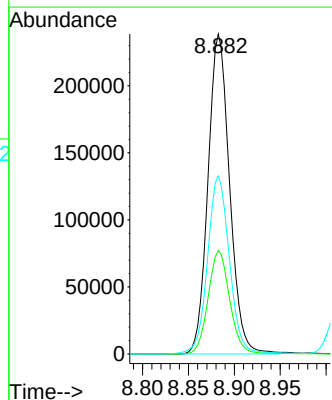
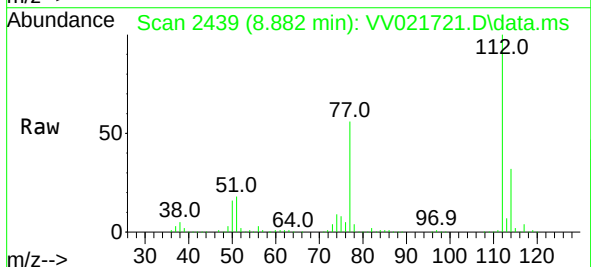
Delta R.T. -0.000 min

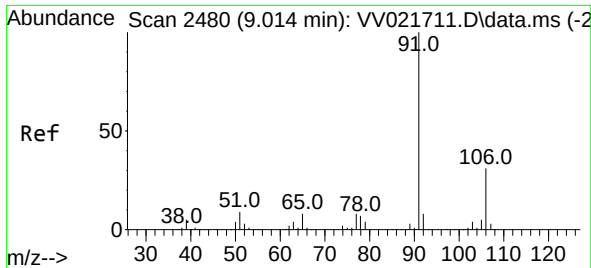
Lab File: VV021721.D

Acq: 02 Aug 2021 15:59

Tgt Ion:112 Resp: 391015

Ion	Ratio	Lower	Upper
112	100		
114	32.3	22.6	42.0
77	55.7	45.0	67.4

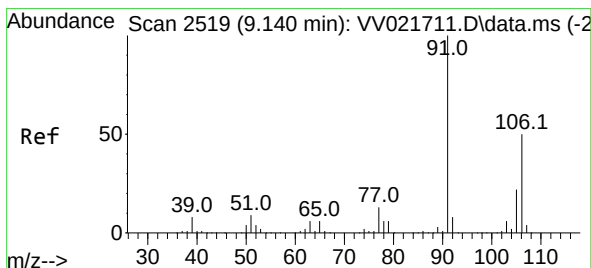
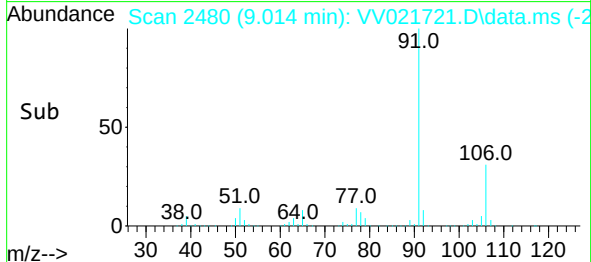
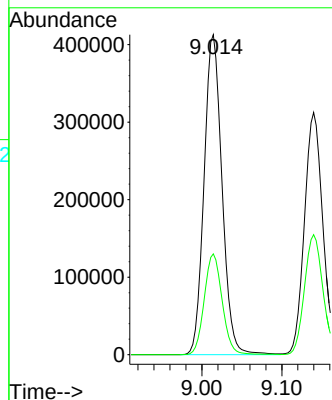
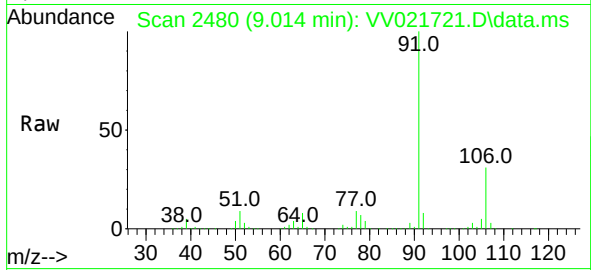




#52
Ethylbenzene
Concen: 52.030 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. -0.000 min
Lab File: VV021721.D
Acq: 02 Aug 2021 15:59

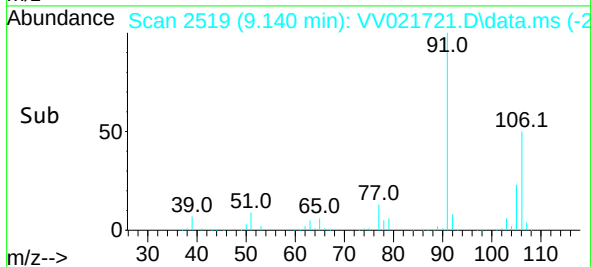
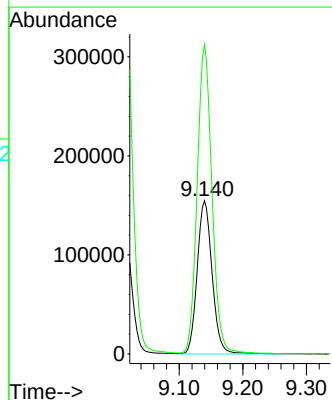
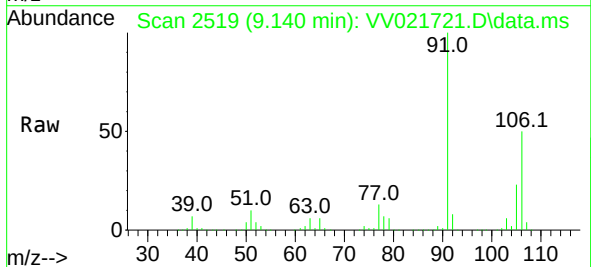
Instrument :
MSVOA_V
ClientSampleId :
VSTD050296

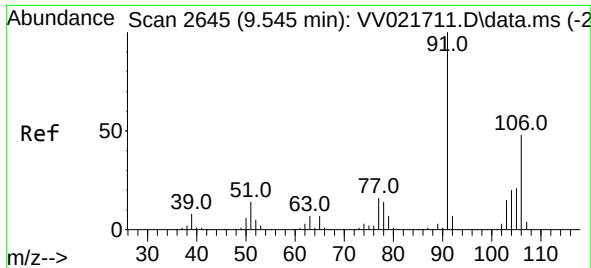
Tgt Ion: 91 Resp: 645994
Ion Ratio Lower Upper
91 100
106 31.5 22.0 40.8



#53
m,p-Xylene
Concen: 52.354 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.000 min
Lab File: VV021721.D
Acq: 02 Aug 2021 15:59

Tgt Ion: 106 Resp: 252292
Ion Ratio Lower Upper
106 100
91 201.9 138.9 258.1

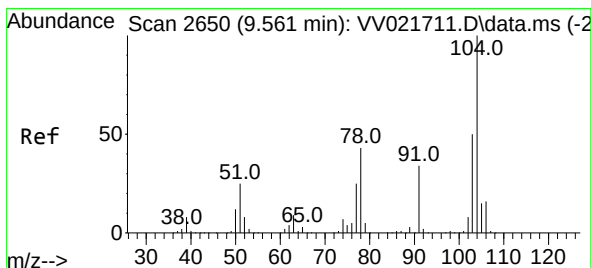
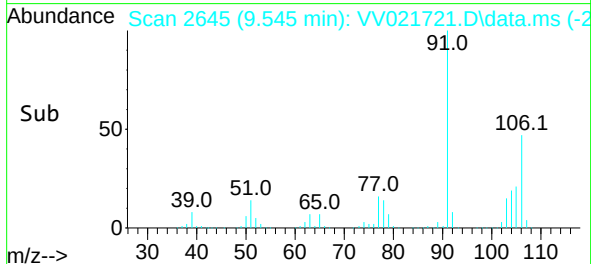
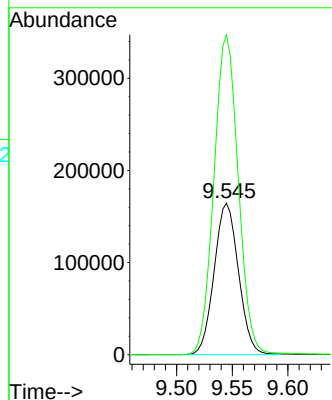
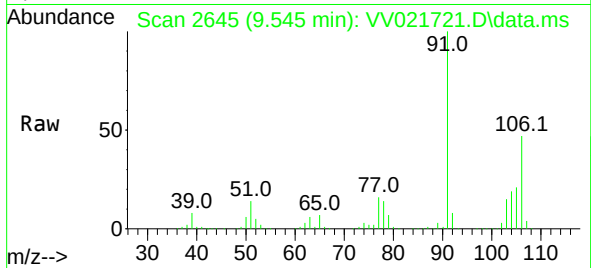




#54
o-Xylene
Concen: 51.553 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV021721.D
Acq: 02 Aug 2021 15:59

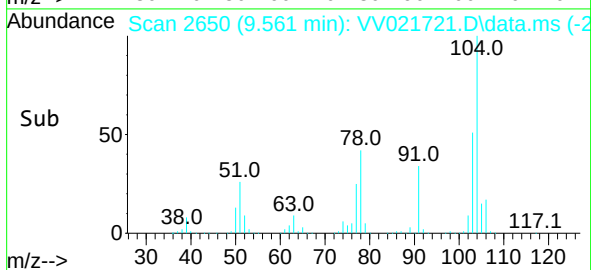
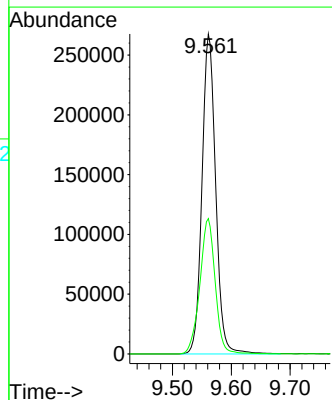
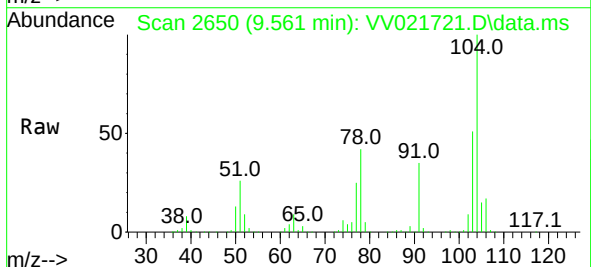
Instrument :
MSVOA_V
ClientSampleId :
VSTD050296

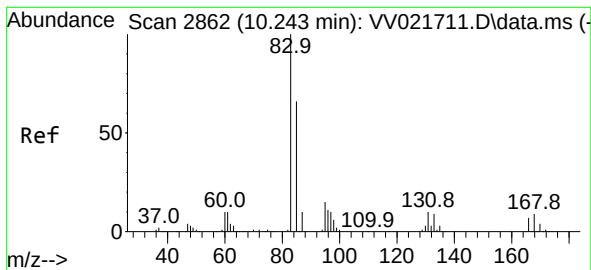
Tgt Ion:106 Resp: 249996
Ion Ratio Lower Upper
106 100
91 211.1 147.4 273.8



#55
Styrene
Concen: 53.202 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV021721.D
Acq: 02 Aug 2021 15:59

Tgt Ion:104 Resp: 432250
Ion Ratio Lower Upper
104 100
78 42.3 30.0 55.8

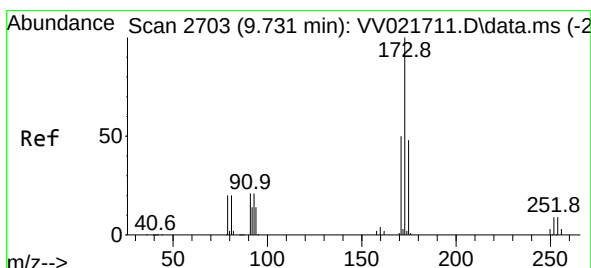
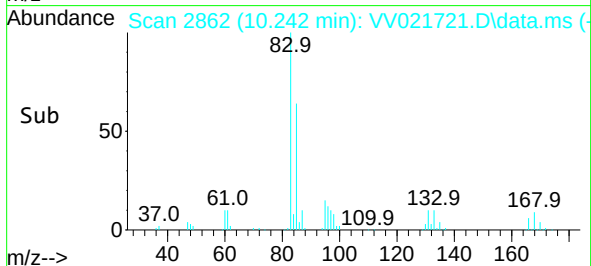
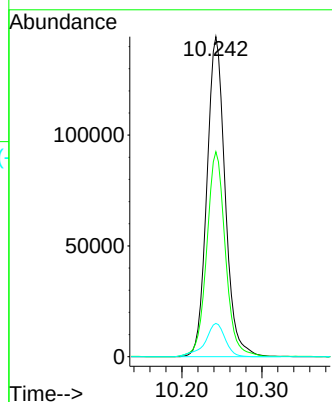
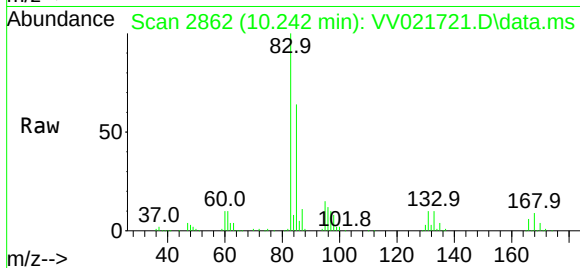




#57
1,1,2,2-Tetrachloroethane
Concen: 53.474 ug/L
RT: 10.242 min Scan# 2862
Delta R.T. -0.000 min
Lab File: VV021721.D
Acq: 02 Aug 2021 15:59

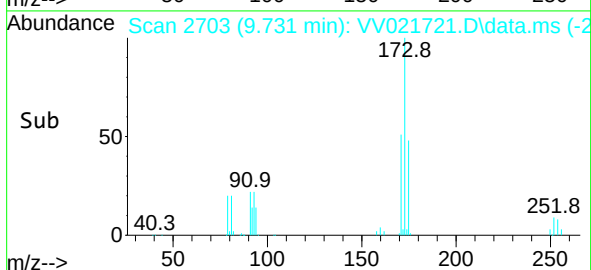
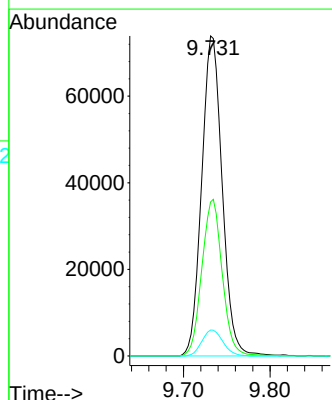
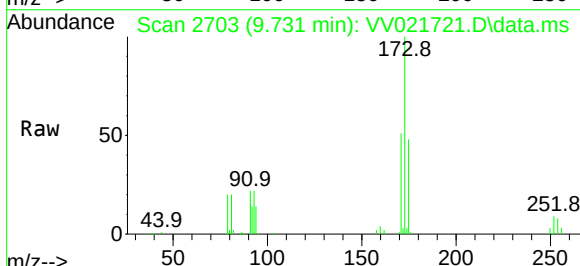
Instrument :
MSVOA_V
ClientSampleId :
VSTD050296

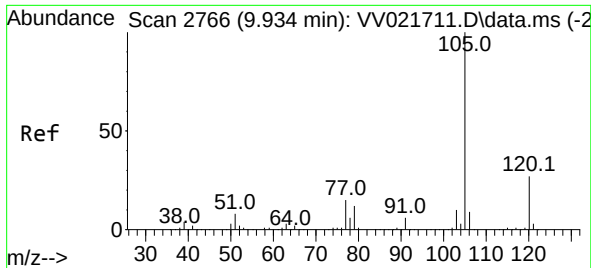
Tgt Ion:	83	Resp:	229706
Ion	Ratio	Lower	Upper
83	100		
85	64.1	46.0	85.4
131	10.4	8.1	12.1



#59
Bromoform
Concen: 50.520 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.000 min
Lab File: VV021721.D
Acq: 02 Aug 2021 15:59

Tgt Ion:	173	Resp:	121720
Ion	Ratio	Lower	Upper
173	100		
175	48.5	39.0	58.4
254	8.3	7.2	10.8

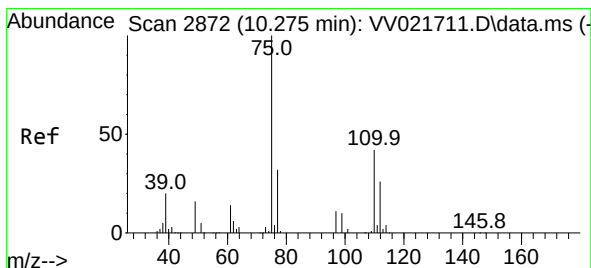
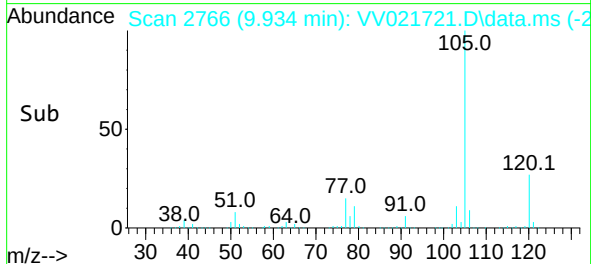
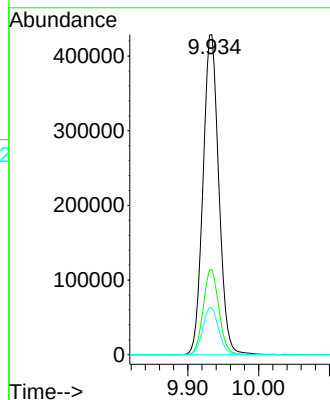
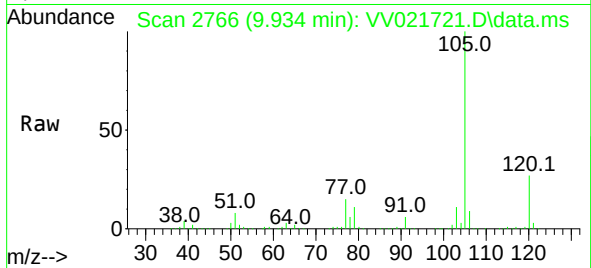




#60
Isopropylbenzene
Concen: 51.485 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. -0.000 min
Lab File: VV021721.D
Acq: 02 Aug 2021 15:59

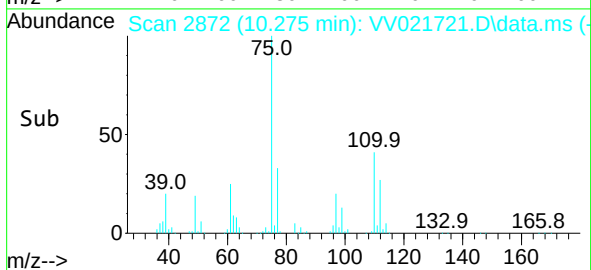
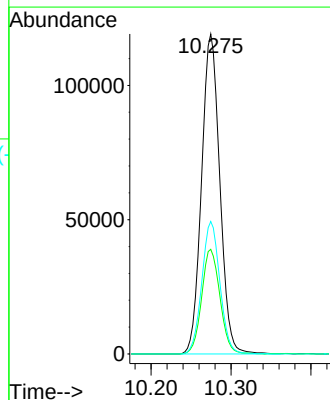
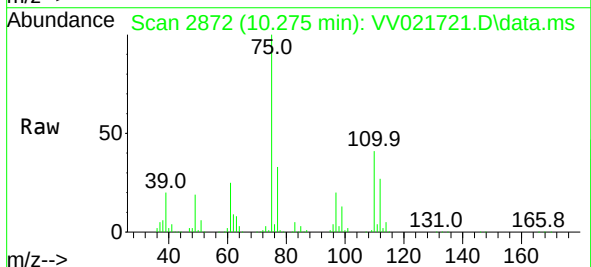
Instrument :
MSVOA_V
ClientSampleId :
VSTD050296

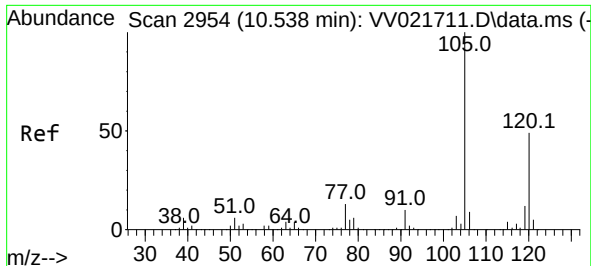
Tgt Ion:105 Resp: 662630
Ion Ratio Lower Upper
105 100
120 26.6 21.5 32.3
77 14.9 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 51.182 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV021721.D
Acq: 02 Aug 2021 15:59

Tgt Ion: 75 Resp: 189522
Ion Ratio Lower Upper
75 100
77 32.7 25.7 38.5
110 41.0 33.8 50.6

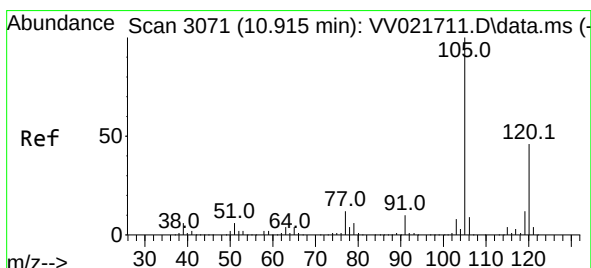
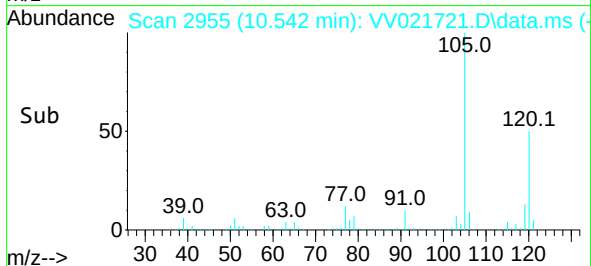
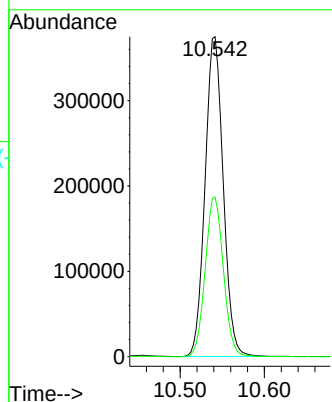
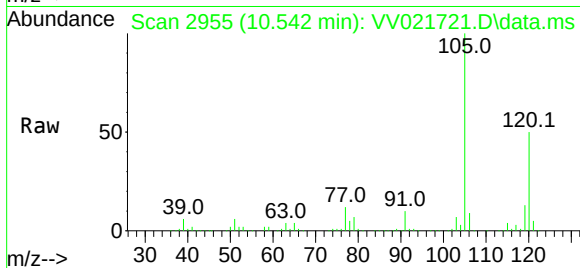




#62
1,3,5-Trimethylbenzene
Concen: 51.728 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.003 min
Lab File: VV021721.D
Acq: 02 Aug 2021 15:59

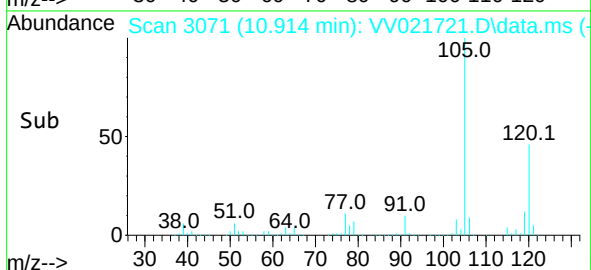
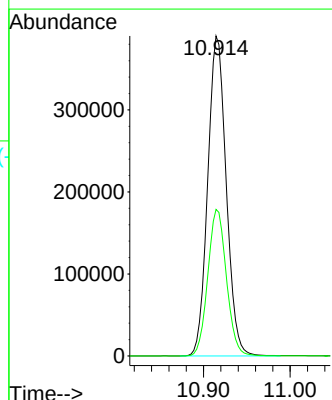
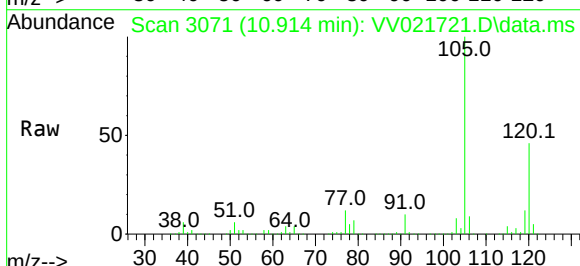
Instrument :
MSVOA_V
ClientSampleId :
VSTD050296

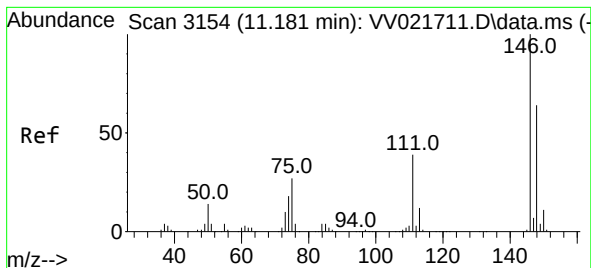
Tgt Ion:105 Resp: 563691
Ion Ratio Lower Upper
105 100
120 50.1 39.8 59.6



#63
1,2,4-Trimethylbenzene
Concen: 52.186 ug/L
RT: 10.914 min Scan# 3071
Delta R.T. -0.000 min
Lab File: VV021721.D
Acq: 02 Aug 2021 15:59

Tgt Ion:105 Resp: 578760
Ion Ratio Lower Upper
105 100
120 46.1 37.0 55.6

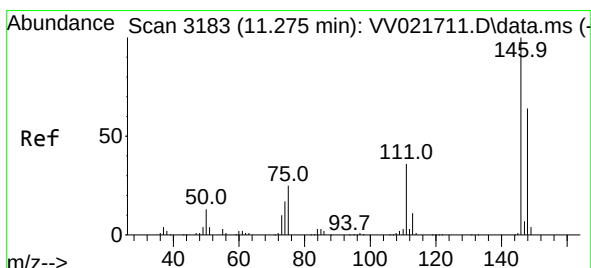
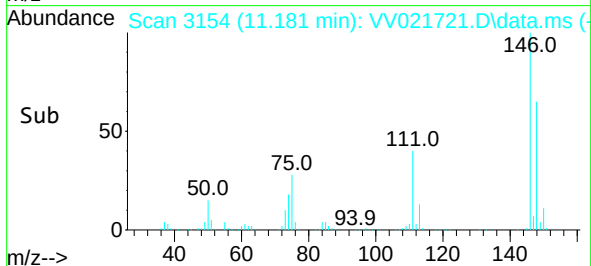
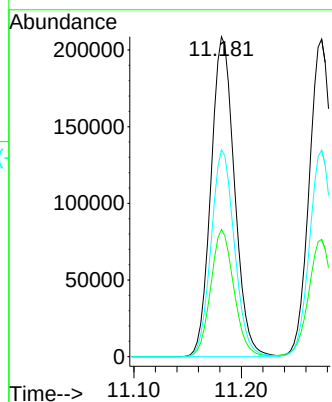
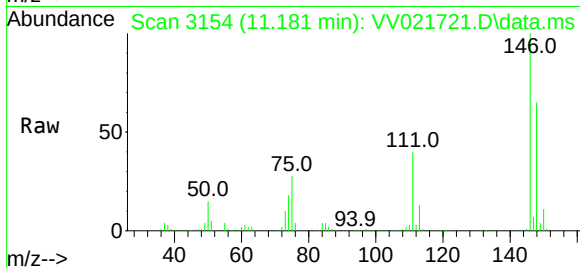




#64
1,3-Dichlorobenzene
Concen: 51.236 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV021721.D
Acq: 02 Aug 2021 15:59

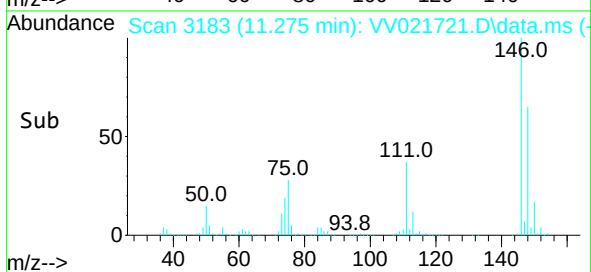
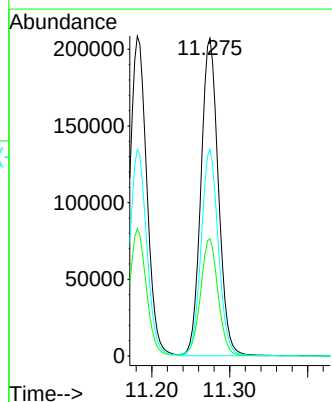
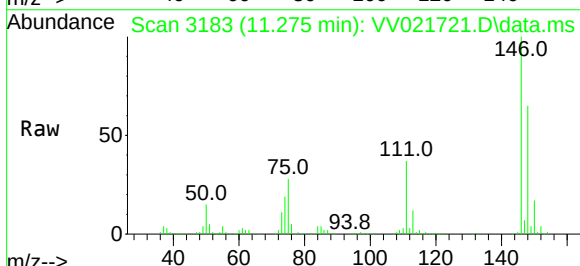
Instrument :
MSVOA_V
ClientSampleId :
VSTD050296

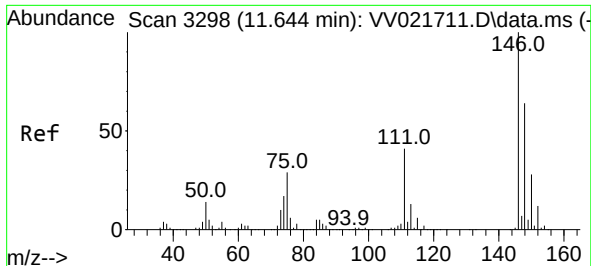
Tgt Ion:146 Resp: 317754
Ion Ratio Lower Upper
146 100
111 39.7 27.3 50.7
148 64.6 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 51.527 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. -0.000 min
Lab File: VV021721.D
Acq: 02 Aug 2021 15:59

Tgt Ion:146 Resp: 321571
Ion Ratio Lower Upper
146 100
111 36.9 25.6 47.4
148 65.0 44.7 82.9

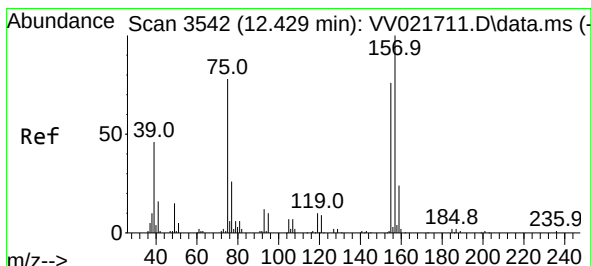
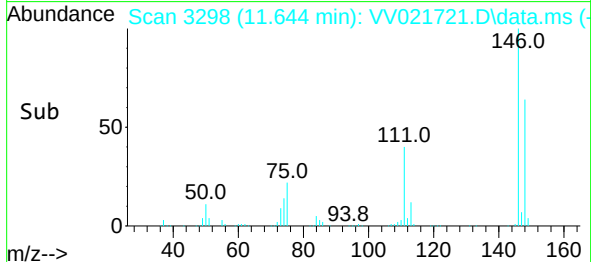
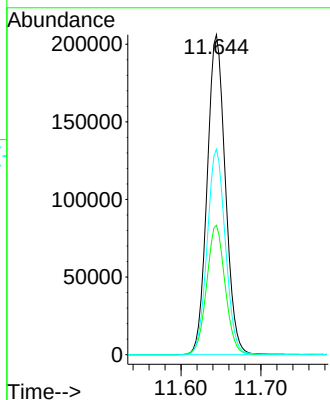
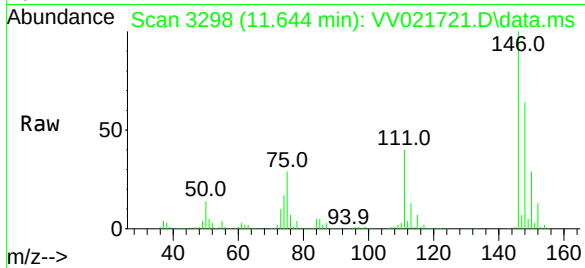




#67
1,2-Dichlorobenzene
Concen: 51.385 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. -0.000 min
Lab File: VV021721.D
Acq: 02 Aug 2021 15:59

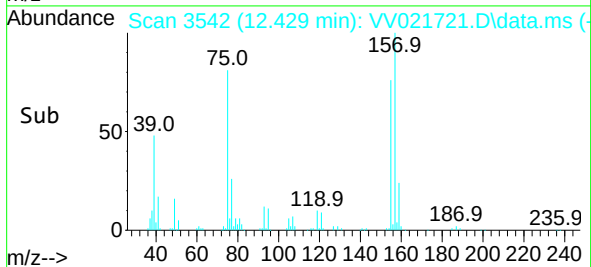
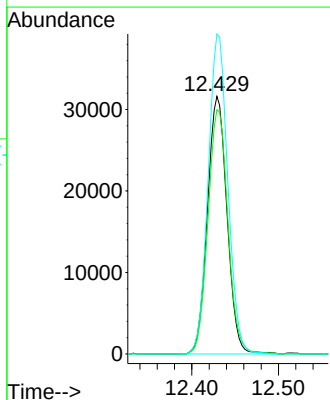
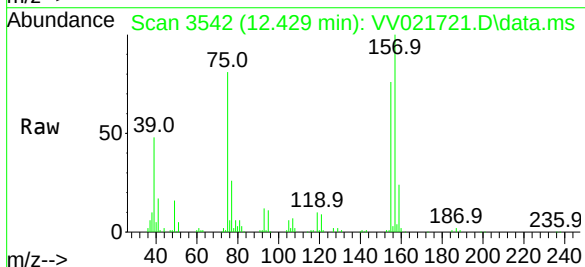
Instrument :
MSVOA_V
ClientSampleId :
VSTD050296

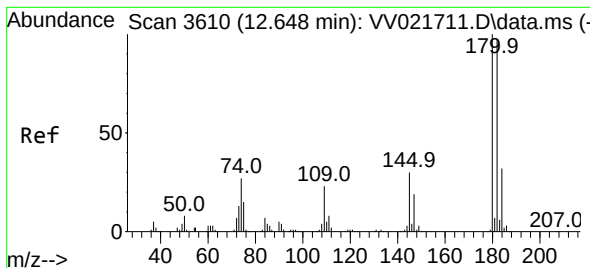
Tgt Ion:146 Resp: 325529
Ion Ratio Lower Upper
146 100
111 40.4 32.5 48.7
148 64.2 51.5 77.3



#68
1,2-Dibromo-3-chloropropane
Concen: 51.090 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV021721.D
Acq: 02 Aug 2021 15:59

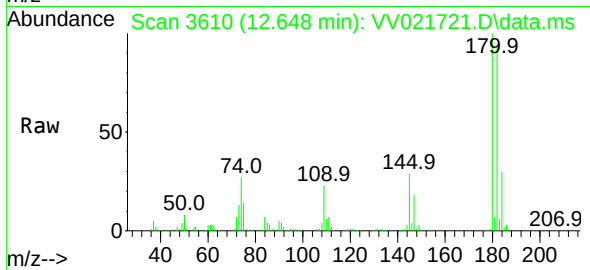
Tgt Ion: 75 Resp: 49802
Ion Ratio Lower Upper
75 100
155 94.8 77.7 116.5
157 124.2 102.6 154.0



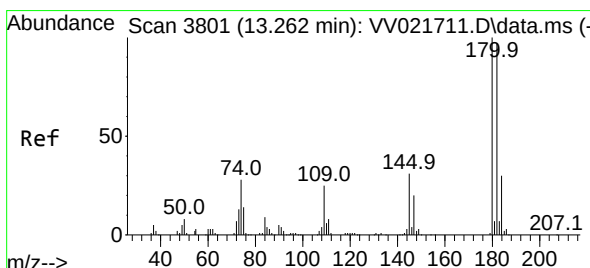
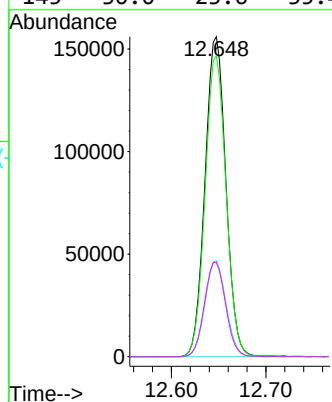
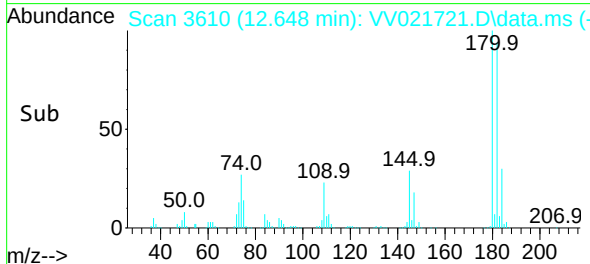


#69
1,3,5-Trichlorobenzene
Concen: 51.842 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. -0.000 min
Lab File: VV021721.D
Acq: 02 Aug 2021 15:59

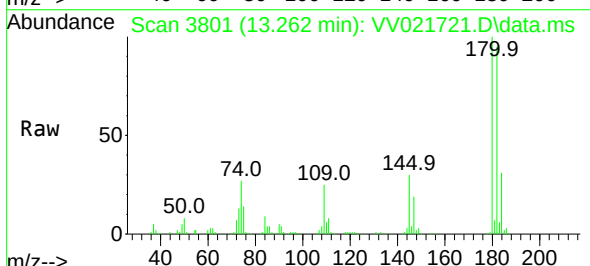
Instrument :
MSVOA_V
ClientSampleId :
VSTD050296



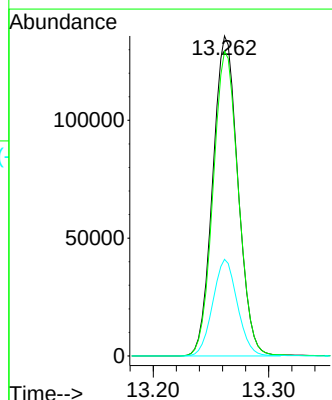
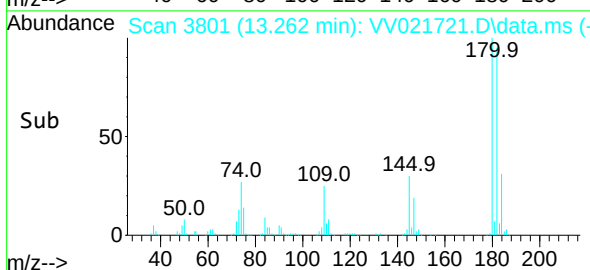
Tgt Ion:180 Resp: 239253
Ion Ratio Lower Upper
180 100
182 94.2 77.1 115.7
184 30.3 24.6 36.8
145 30.0 23.6 35.4

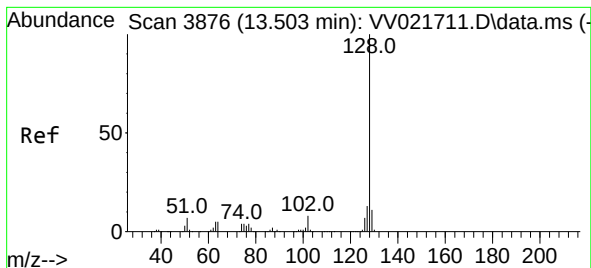


#70
1,2,4-trichlorobenzene
Concen: 52.905 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. -0.000 min
Lab File: VV021721.D
Acq: 02 Aug 2021 15:59



Tgt Ion:180 Resp: 205843
Ion Ratio Lower Upper
180 100
182 95.5 76.3 114.5
145 29.5 24.1 36.1

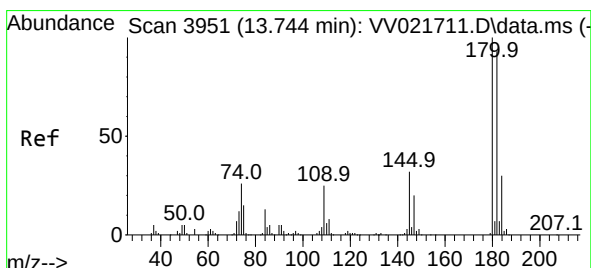
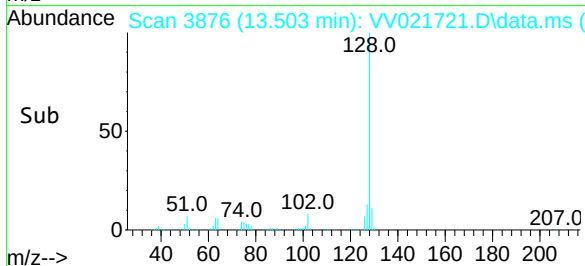
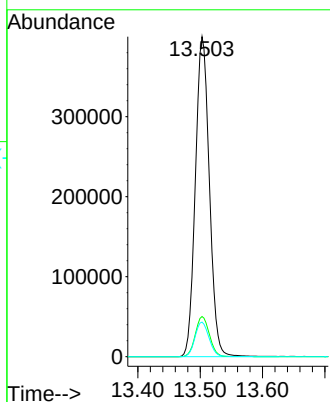
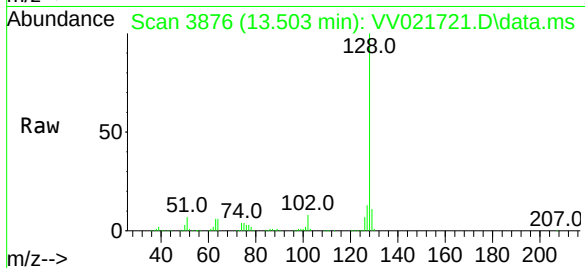




#71
Naphthalene
Concen: 55.397 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV021721.D
Acq: 02 Aug 2021 15:59

Instrument :
MSVOA_V
ClientSampleId :
VSTD050296

Tgt Ion:128 Resp: 623979
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 10.8 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 54.141 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VV021721.D
Acq: 02 Aug 2021 15:59

Tgt Ion:180 Resp: 209306
Ion Ratio Lower Upper
180 100
182 94.8 76.8 115.2
145 31.6 25.5 38.3

