

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042221\
 Data File : VU043267.D
 Acq On : 22 Apr 2021 09:48
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005143

Quant Time: Apr 22 23:33:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 22 04:40:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	104657	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.426	117	105737	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	56603	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	19483	3.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.20%
7) Chloroethane-d5	1.922	69	19131	3.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.40%
11) 1,1-Dichloroethene-d2	2.575	65	13988	4.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.80%
20) 2-Butanone-d5	4.668	46	154714	66.28	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	132.56%#
24) Chloroform-d	5.076	84	68559	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
26) 1,2-Dichloroethane-d4	5.713	65	43967	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.738	84	116221	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.700	67	40303	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.906	98	110187	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
43) trans-1,3-Dichloroprop...	8.189	79	17492	4.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.00%
46) 2-Hexanone-d5	8.645	63	93098	51.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.54%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	40361	5.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.40%
66) 1,2-Dichlorobenzene-d4	12.201	152	44705	4.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.20%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.391	85	34874	5.20	ug/L	100
3) Chloromethane	1.523	50	31860	4.83	ug/L	96
5) Vinyl chloride	1.610	62	34429	5.01	ug/L	97
6) Bromomethane	1.864	94	18142	4.42	ug/L	95
8) Chloroethane	1.941	64	19552	3.95	ug/L	97
9) Trichlorofluoromethane	2.147	101	58203	4.54	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.591	101	36616	5.29	ug/L	92
12) 1,1-Dichloroethene	2.591	96	30698	5.28	ug/L	83
13) Acetone	2.690	43	116541	67.95	ug/L	88
14) Carbon disulfide	2.803	76	77466	5.22	ug/L	99
15) Methyl Acetate	2.977	43	19792	6.14	ug/L	# 89
16) Methylene chloride	3.057	84	39330	5.22	ug/L	79
17) Methyl tert-butyl Ether	3.378	73	97917	5.15	ug/L	# 92
18) trans-1,2-Dichloroethene	3.366	96	32857	5.30	ug/L	89
19) 1,1-Dichloroethane	3.883	63	72116	5.34	ug/L	98
21) 2-Butanone	4.742	43	180517	63.77	ug/L	78
22) cis-1,2-Dichloroethene	4.681	96	37951	5.17	ug/L	87
23) Bromochloromethane	4.983	128	18155	5.42	ug/L	# 71
25) Chloroform	5.099	83	75545	5.25	ug/L	97

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 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

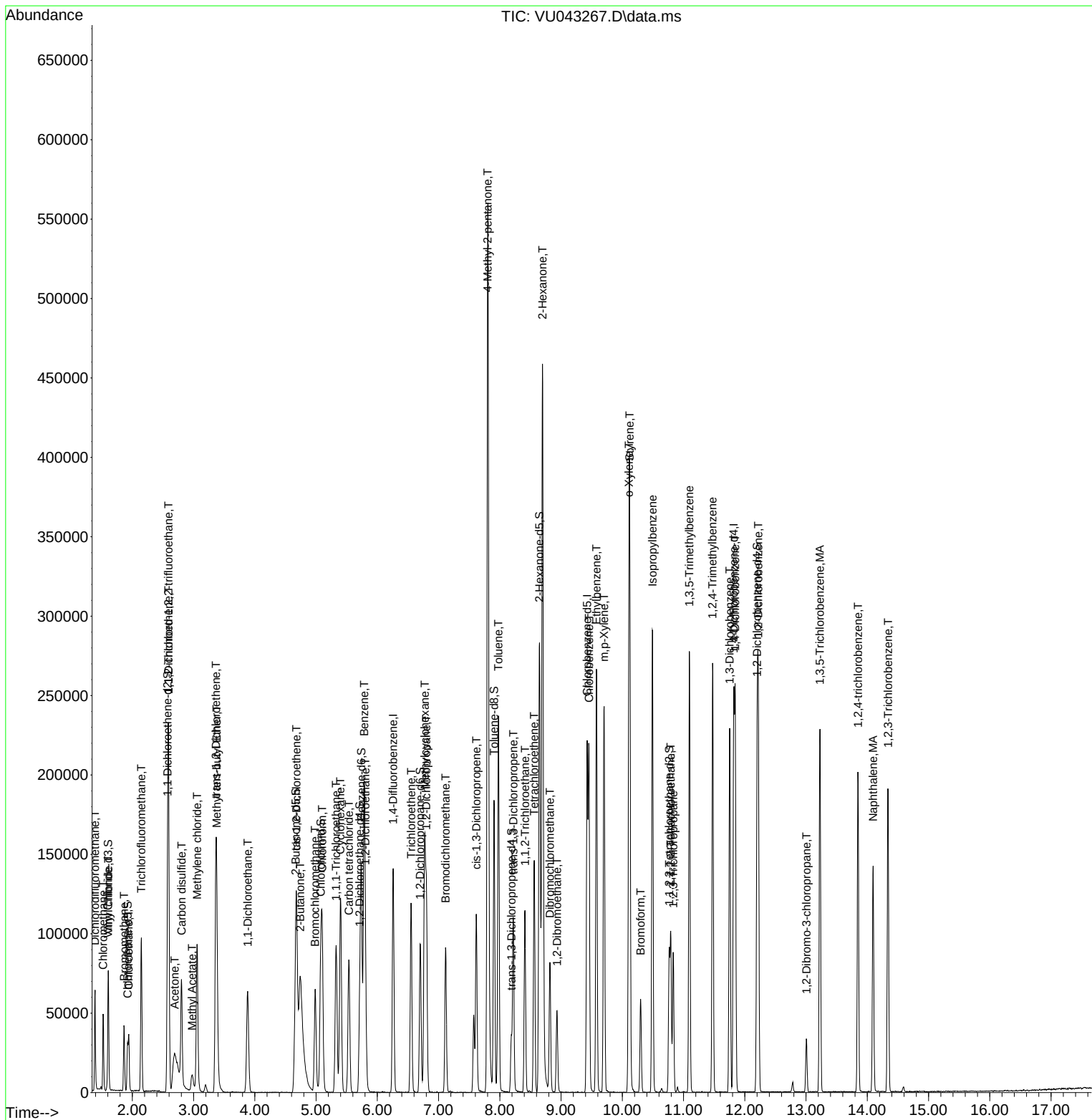
Instrument :
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 ClientSampleId :
 VSTD005143

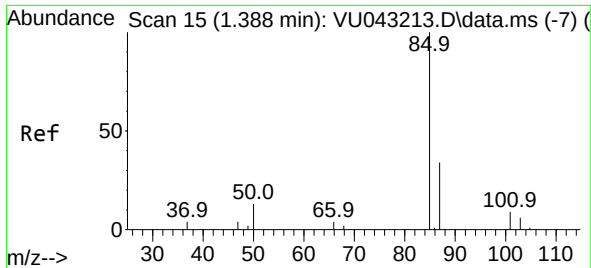
Quant Time: Apr 22 23:33:54 2021
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 22 04:40:57 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.806	62	60373	5.71	ug/L	97
29) 1,1,1-Trichloroethane	5.327	97	65508	5.02	ug/L	95
30) Cyclohexane	5.398	56	54015	4.83	ug/L	85
31) Carbon tetrachloride	5.536	117	53342	4.90	ug/L	96
33) Benzene	5.787	78	149211	5.27	ug/L	100
34) Trichloroethene	6.552	95	37833	4.86	ug/L	97
35) Methylcyclohexane	6.774	83	51271	4.76	ug/L #	87
37) 1,2-Dichloropropane	6.800	63	42706	5.37	ug/L #	97
38) Bromodichloromethane	7.115	83	55705	5.21	ug/L	96
39) cis-1,3-Dichloropropene	7.616	75	58170	5.00	ug/L	100
40) 4-Methyl-2-pentanone	7.803	43	428285	60.14	ug/L #	83
42) Toluene	7.976	91	160186	5.07	ug/L	97
44) trans-1,3-Dichloropropene	8.221	75	55220	5.04	ug/L	98
45) 1,1,2-Trichloroethane	8.410	97	31862	5.36	ug/L	98
47) Tetrachloroethene	8.562	164	30487	4.94	ug/L	91
48) 2-Hexanone	8.697	43	333865	63.72	ug/L #	82
49) Dibromochloromethane	8.819	129	39768	5.30	ug/L	99
50) 1,2-Dibromoethane	8.934	107	30956	5.23	ug/L	94
51) Chlorobenzene	9.455	112	100798	5.00	ug/L	94
52) Ethylbenzene	9.578	91	173921	4.81	ug/L	95
53) m,p-Xylene	9.703	106	63179	4.77	ug/L	88
54) o-Xylene	10.108	106	62077	4.74	ug/L	90
55) Styrene	10.121	104	110825	4.93	ug/L	92
57) 1,1,2,2-Tetrachloroethane	10.790	83	44269	5.66	ug/L	100
59) Bromoform	10.301	173	24963	5.40	ug/L	99
60) Isopropylbenzene	10.494	105	170060	4.68	ug/L #	96
61) 1,2,3-Trichloropropane	10.832	75	32678	5.59	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	134446	4.53	ug/L	97
63) 1,2,4-Trimethylbenzene	11.475	105	137098	4.49	ug/L	97
64) 1,3-Dichlorobenzene	11.754	146	85109	4.94	ug/L	99
65) 1,4-Dichlorobenzene	11.844	146	85400	4.88	ug/L	99
67) 1,2-Dichlorobenzene	12.221	146	82590	4.93	ug/L	95
68) 1,2-Dibromo-3-chloropr...	13.005	75	7800	5.48	ug/L	92
69) 1,3,5-Trichlorobenzene	13.227	180	68741	4.86	ug/L	99
70) 1,2,4-trichlorobenzene	13.847	180	56382	4.81	ug/L	97
71) Naphthalene	14.095	128	103839	5.26	ug/L	98
72) 1,2,3-Trichlorobenzene	14.339	180	55071	5.13	ug/L	97

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

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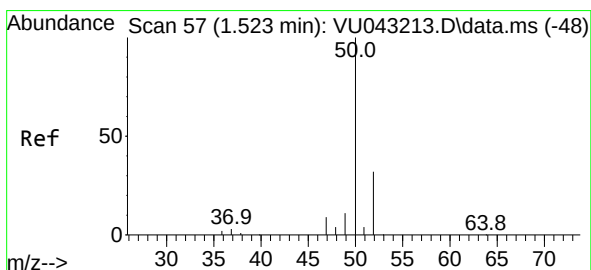
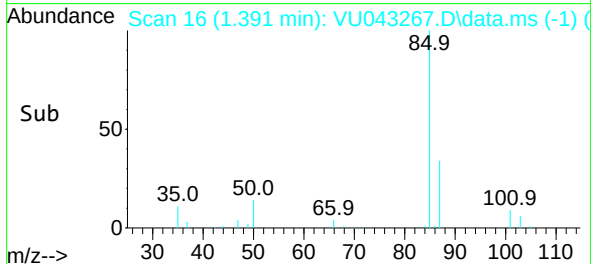
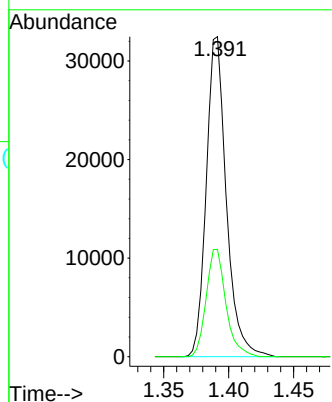
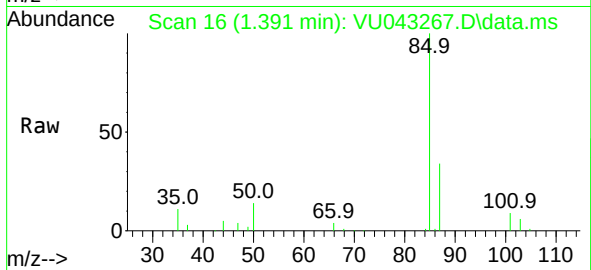




#2
Dichlorodifluoromethane
Concen: 5.20 ug/L
RT: 1.391 min Scan# 16
Delta R.T. 0.003 min
Lab File: VU043267.D
Acq: 22 Apr 2021 09:48

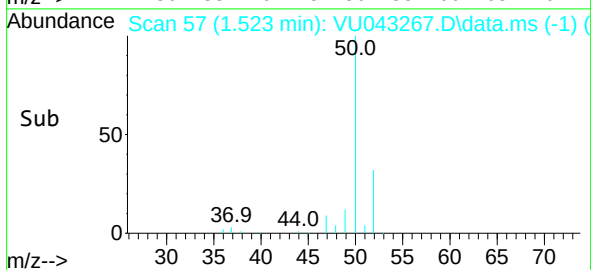
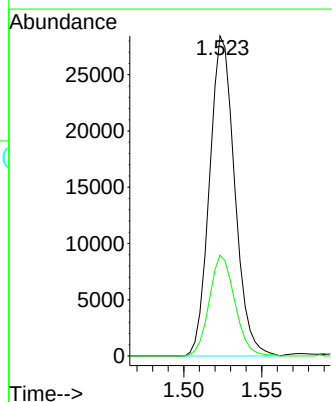
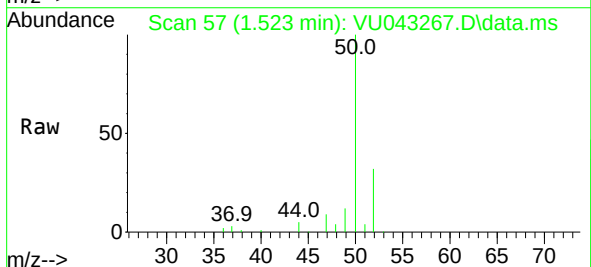
Instrument :
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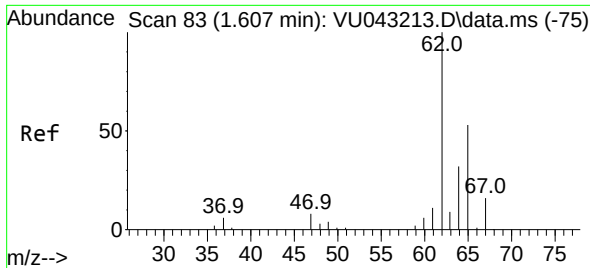
Tgt Ion: 85 Resp: 34874
Ion Ratio Lower Upper
85 100
87 33.1 26.3 39.5



#3
Chloromethane
Concen: 4.83 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU043267.D
Acq: 22 Apr 2021 09:48

Tgt Ion: 50 Resp: 31860
Ion Ratio Lower Upper
50 100
52 31.5 23.6 43.8

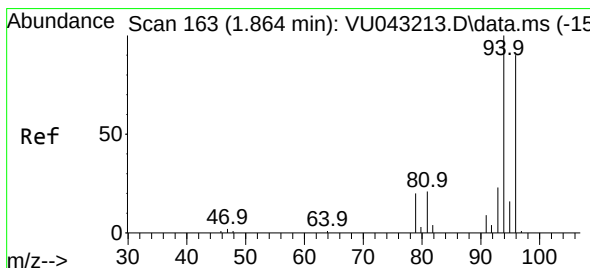
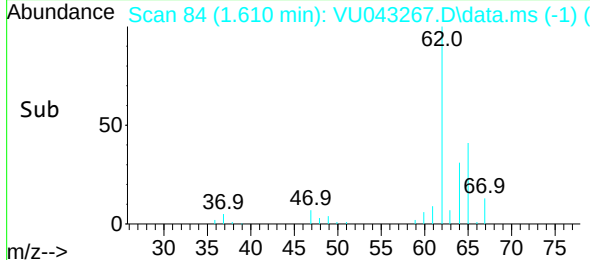
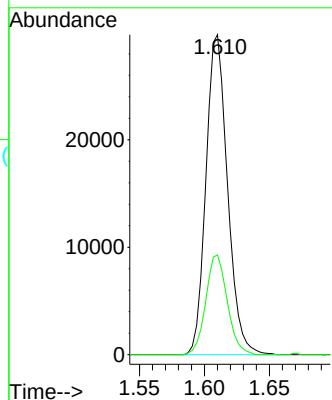
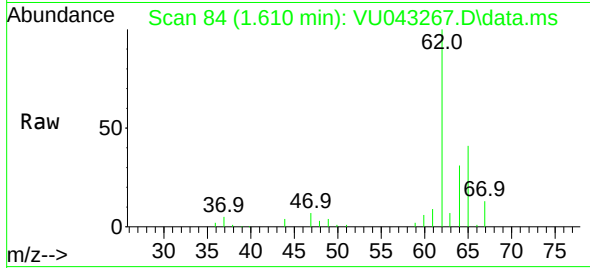




#5
 Vinyl chloride
 Concen: 5.01 ug/L
 RT: 1.610 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VU043267.D
 Acq: 22 Apr 2021 09:48

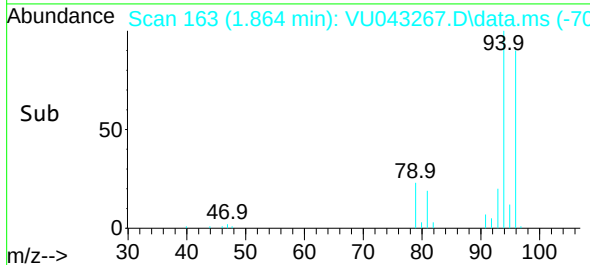
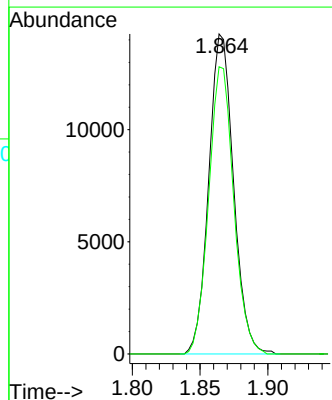
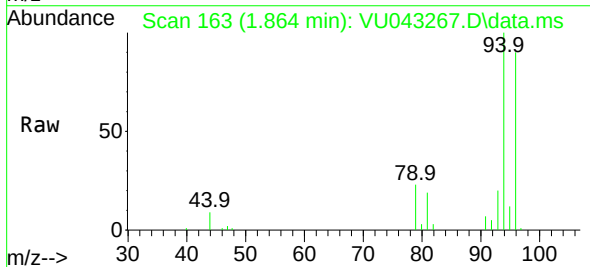
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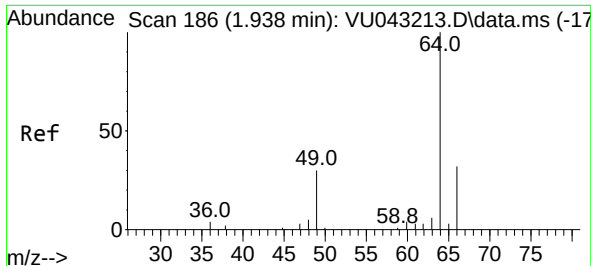
Tgt Ion: 62 Resp: 34429
 Ion Ratio Lower Upper
 62 100
 64 31.2 22.8 42.4



#6
 Bromomethane
 Concen: 4.42 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. -0.000 min
 Lab File: VU043267.D
 Acq: 22 Apr 2021 09:48

Tgt Ion: 94 Resp: 18142
 Ion Ratio Lower Upper
 94 100
 96 89.7 66.1 122.7

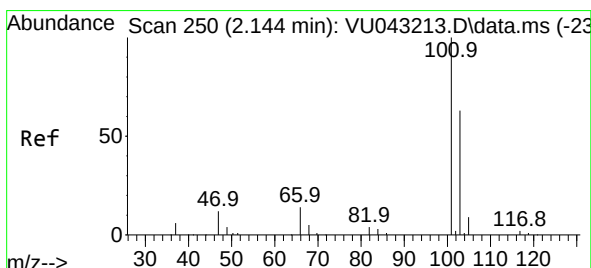
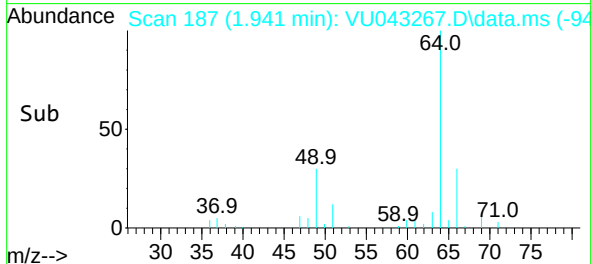
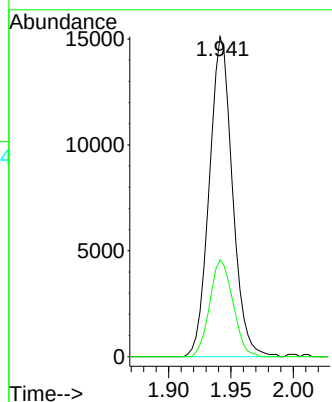
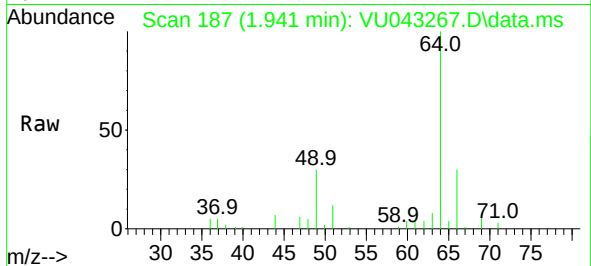




#8
Chloroethane
Concen: 3.95 ug/L
RT: 1.941 min Scan# 187
Delta R.T. -0.000 min
Lab File: VU043267.D
Acq: 22 Apr 2021 09:48

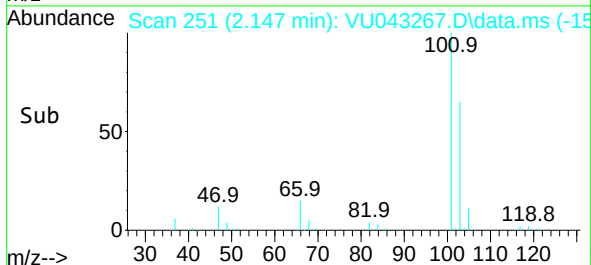
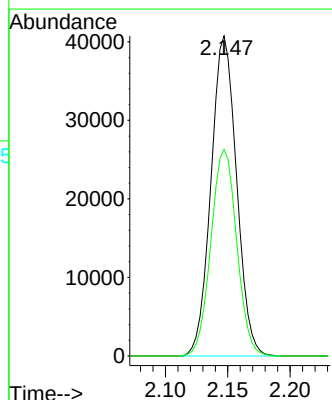
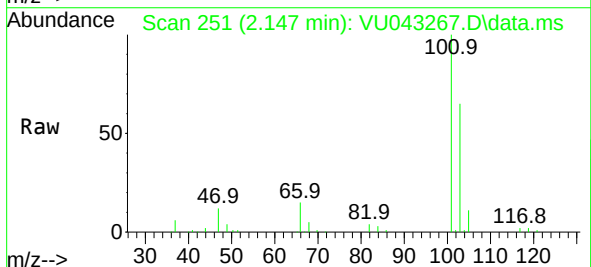
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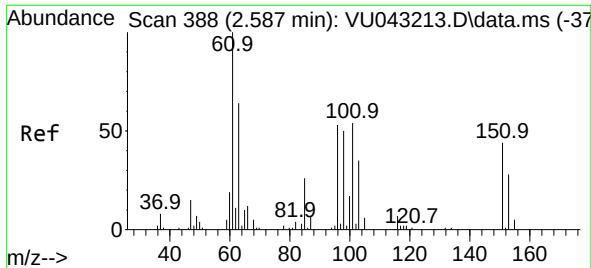
Tgt Ion: 64 Resp: 19552
Ion Ratio Lower Upper
64 100
66 30.3 22.4 41.6



#9
Trichlorofluoromethane
Concen: 4.54 ug/L
RT: 2.147 min Scan# 251
Delta R.T. 0.003 min
Lab File: VU043267.D
Acq: 22 Apr 2021 09:48

Tgt Ion: 101 Resp: 58203
Ion Ratio Lower Upper
101 100
103 65.1 51.5 77.3

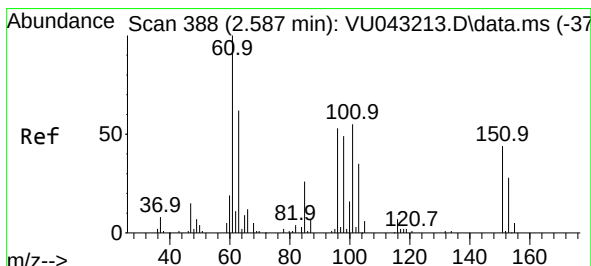
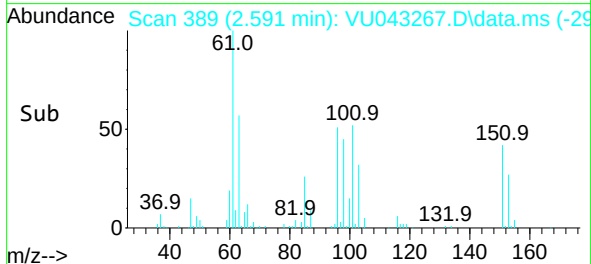
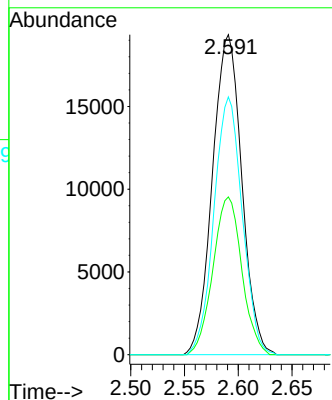
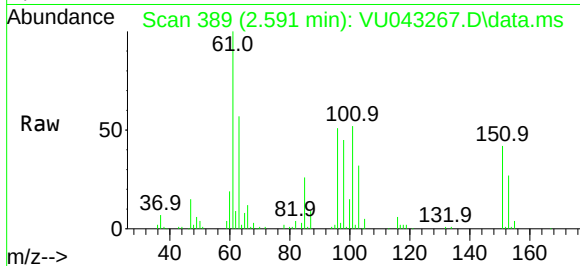




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.29 ug/L
RT: 2.591 min Scan# 389
Delta R.T. 0.003 min
Lab File: VU043267.D
Acq: 22 Apr 2021 09:48

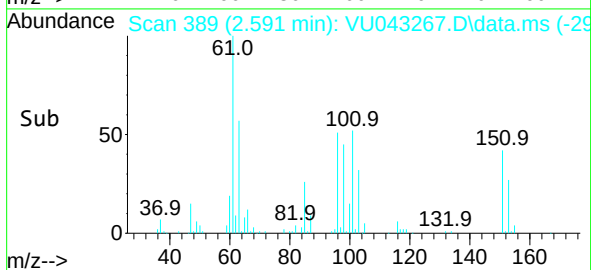
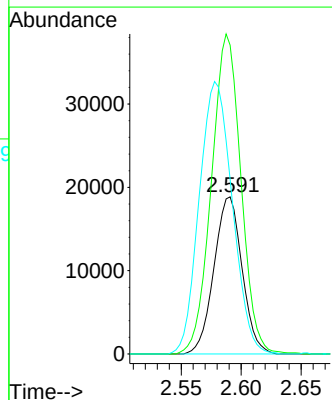
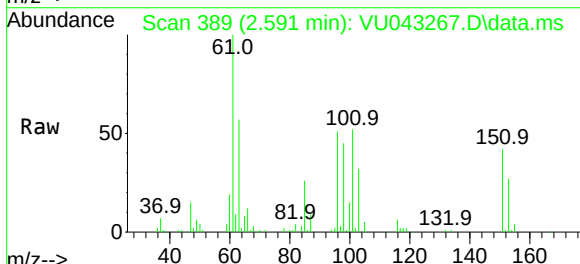
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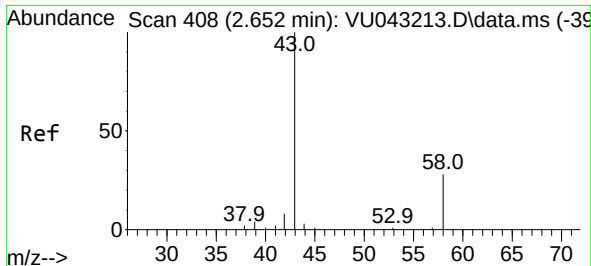
Tgt Ion:101 Resp: 36616
Ion Ratio Lower Upper
101 100
85 48.5 34.5 51.7
151 77.9 57.4 86.2



#12
1,1-Dichloroethene
Concen: 5.28 ug/L
RT: 2.591 min Scan# 389
Delta R.T. 0.003 min
Lab File: VU043267.D
Acq: 22 Apr 2021 09:48

Tgt Ion: 96 Resp: 30698
Ion Ratio Lower Upper
96 100
61 196.4 115.1 213.7
63 111.0 84.1 156.1

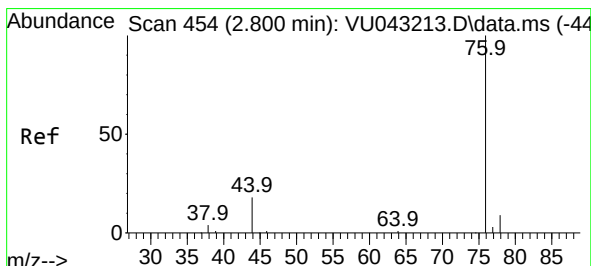
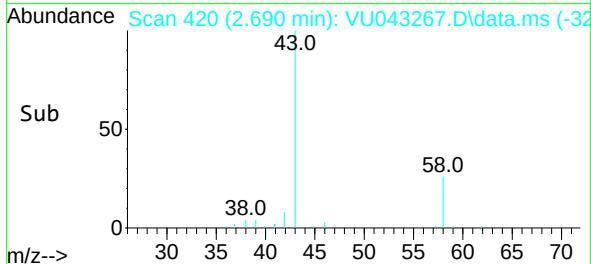
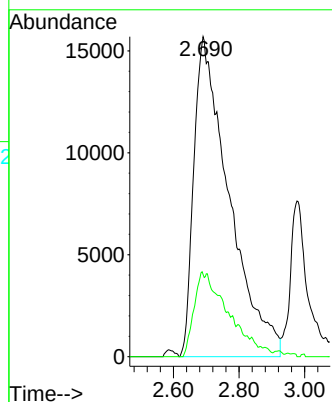
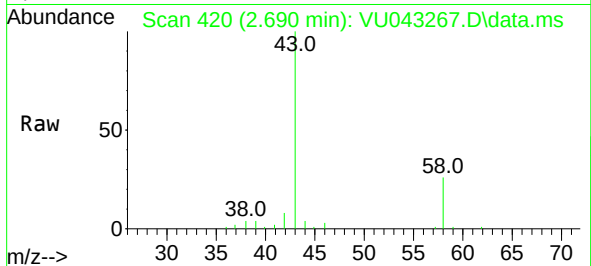




#13
Acetone
Concen: 67.95 ug/L
RT: 2.690 min Scan# 420
Delta R.T. 0.006 min
Lab File: VU043267.D
Acq: 22 Apr 2021 09:48

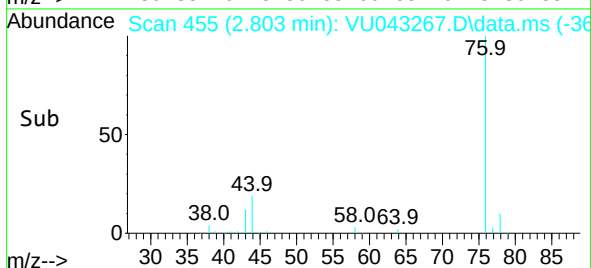
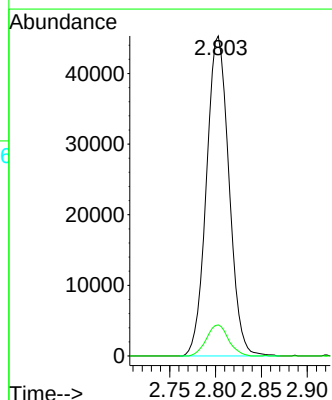
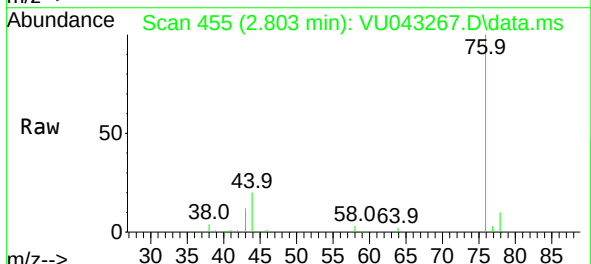
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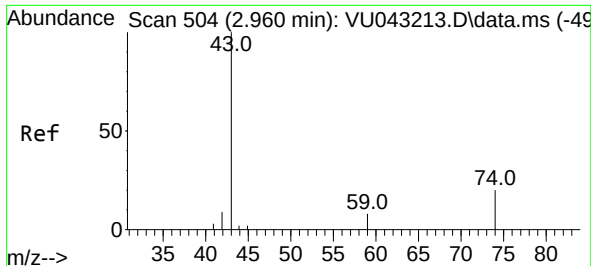
Tgt Ion: 43 Resp: 116541
Ion Ratio Lower Upper
43 100
58 7.8 0.0 25.0



#14
Carbon disulfide
Concen: 5.22 ug/L
RT: 2.803 min Scan# 455
Delta R.T. 0.003 min
Lab File: VU043267.D
Acq: 22 Apr 2021 09:48

Tgt Ion: 76 Resp: 77466
Ion Ratio Lower Upper
76 100
78 9.7 7.5 11.3

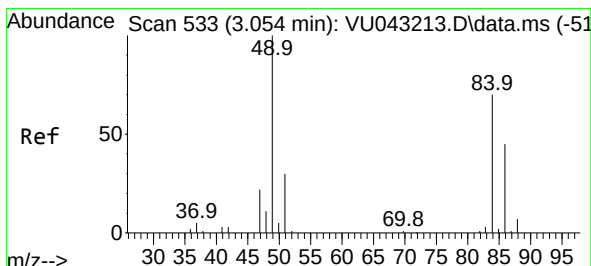
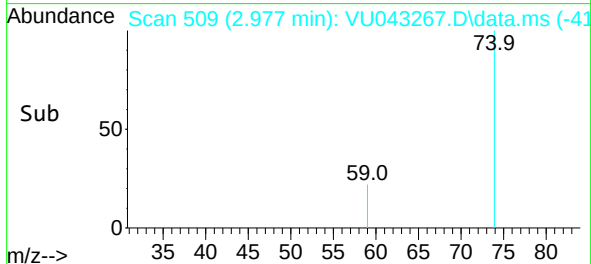
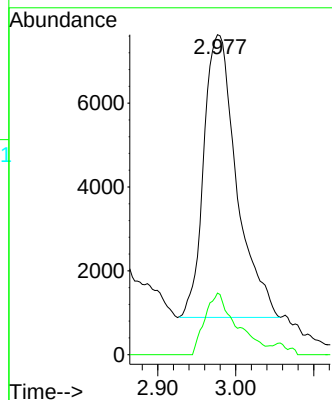
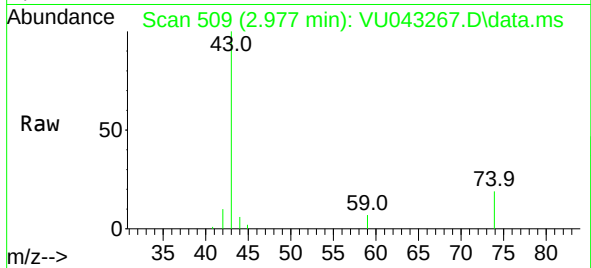




#15
Methyl Acetate
Concen: 6.14 ug/L
RT: 2.977 min Scan# 509
Delta R.T. 0.006 min
Lab File: VU043267.D
Acq: 22 Apr 2021 09:48

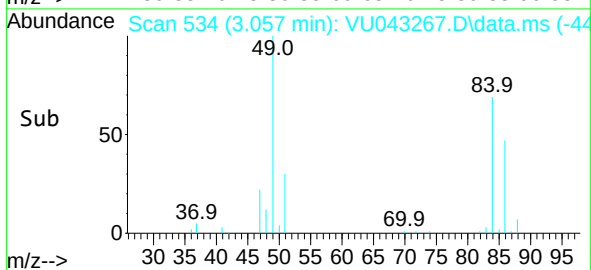
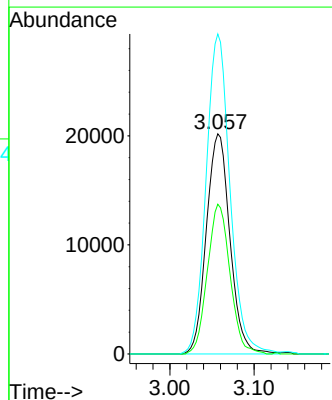
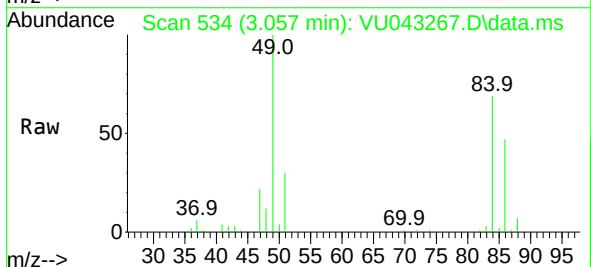
Instrument :
MSVOA_U
ClientSampleId :
VSTD005143

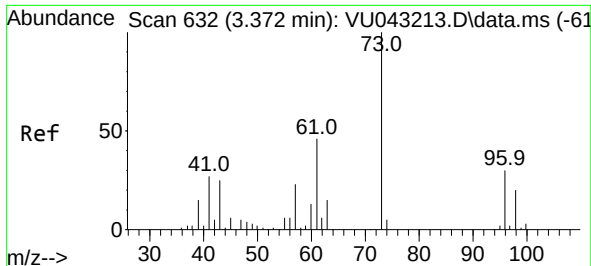
Tgt Ion: 43 Resp: 19792
Ion Ratio Lower Upper
43 100
74 21.2 21.5 32.3#



#16
Methylene chloride
Concen: 5.22 ug/L
RT: 3.057 min Scan# 534
Delta R.T. 0.003 min
Lab File: VU043267.D
Acq: 22 Apr 2021 09:48

Tgt Ion: 84 Resp: 39330
Ion Ratio Lower Upper
84 100
86 68.0 44.9 83.5
49 145.3 79.0 146.8

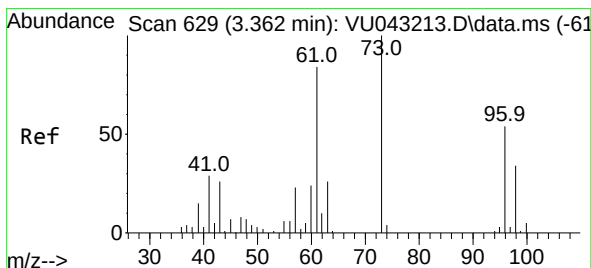
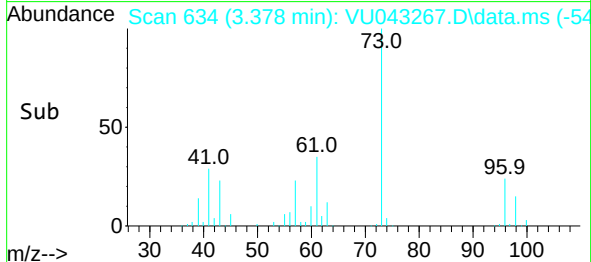
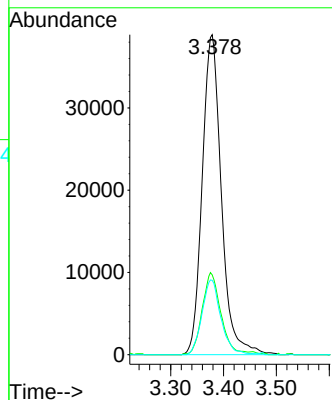
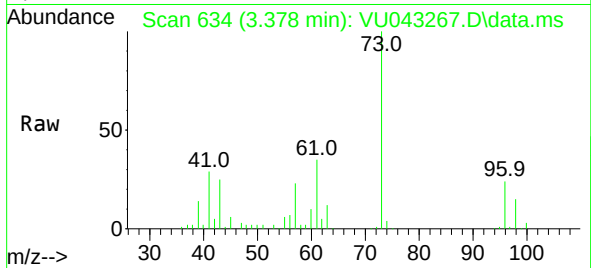




#17
Methyl tert-butyl Ether
Concen: 5.15 ug/L
RT: 3.378 min Scan# 634
Delta R.T. 0.003 min
Lab File: VU043267.D
Acq: 22 Apr 2021 09:48

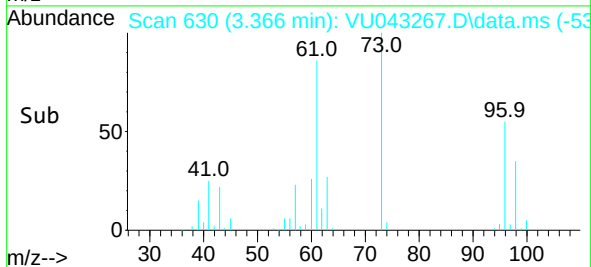
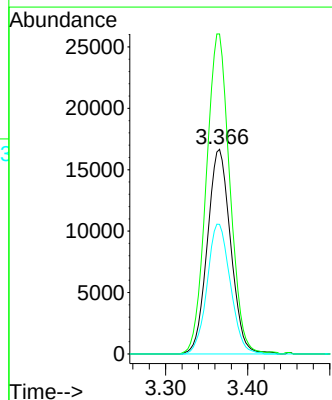
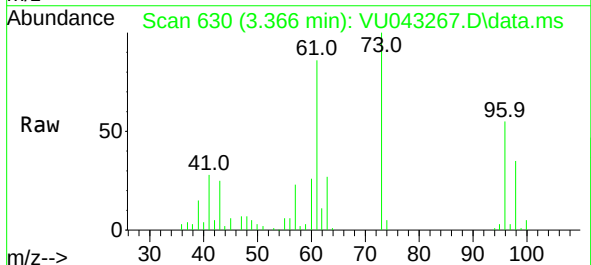
Instrument :
MSVOA_U
ClientSampleId :
VSTD005143

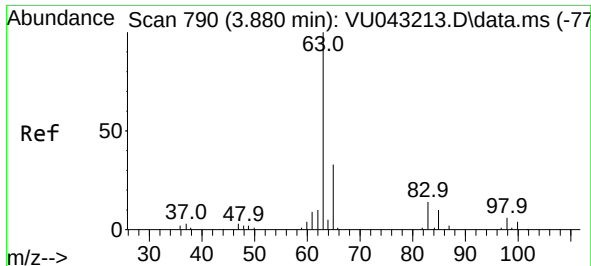
Tgt Ion: 73	Resp: 97917
Ion Ratio	Lower Upper
73 100	
43 24.9	15.0 22.4#
57 23.0	17.3 25.9



#18
trans-1,2-Dichloroethene
Concen: 5.30 ug/L
RT: 3.366 min Scan# 630
Delta R.T. 0.003 min
Lab File: VU043267.D
Acq: 22 Apr 2021 09:48

Tgt Ion: 96	Resp: 32857
Ion Ratio	Lower Upper
96 100	
61 156.4	96.6 179.4
98 63.3	44.7 82.9





#19

1,1-Dichloroethane

Concen: 5.34 ug/L

RT: 3.883 min Scan# 791

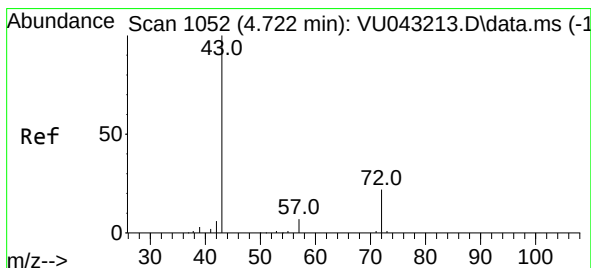
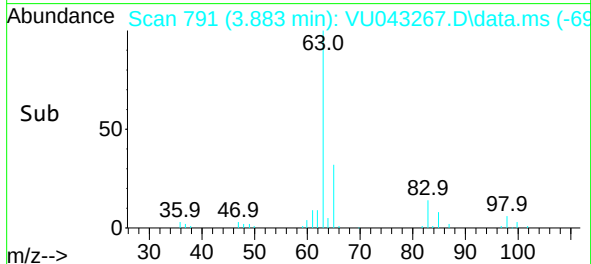
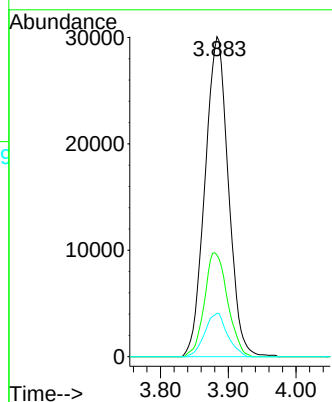
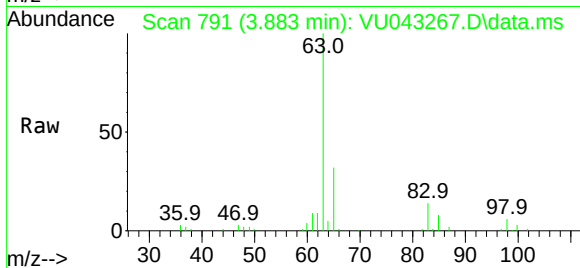
Delta R.T. 0.006 min

Lab File: VU043267.D

Acq: 22 Apr 2021 09:48

Tgt Ion: 63 Resp: 72116

Ion	Ratio	Lower	Upper
63	100		
65	31.7	23.2	43.0
83	13.6	9.9	18.3



#21

2-Butanone

Concen: 63.77 ug/L

RT: 4.742 min Scan# 1058

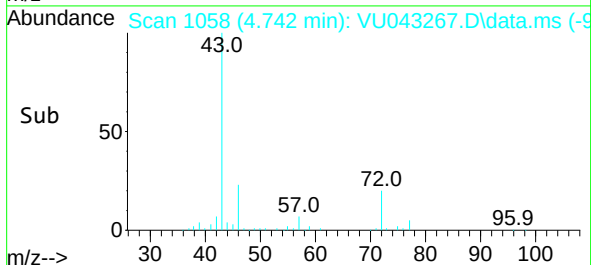
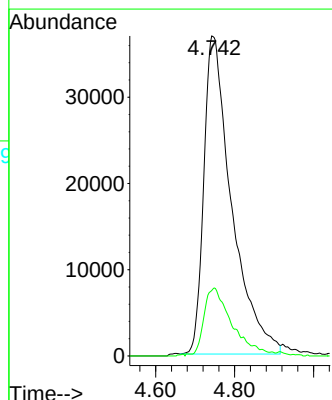
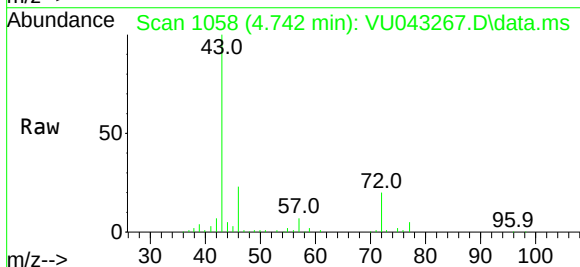
Delta R.T. -0.004 min

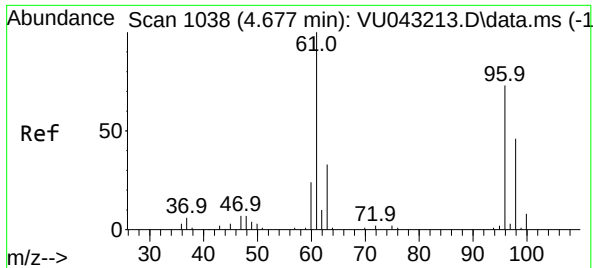
Lab File: VU043267.D

Acq: 22 Apr 2021 09:48

Tgt Ion: 43 Resp: 180517

Ion	Ratio	Lower	Upper
43	100		
72	19.2	15.8	47.3

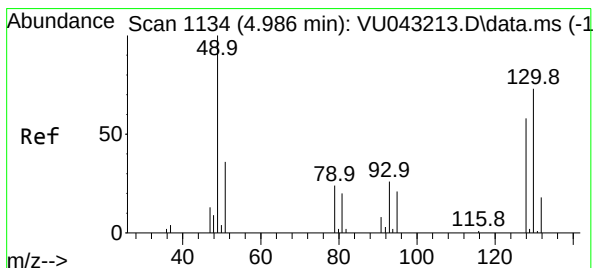
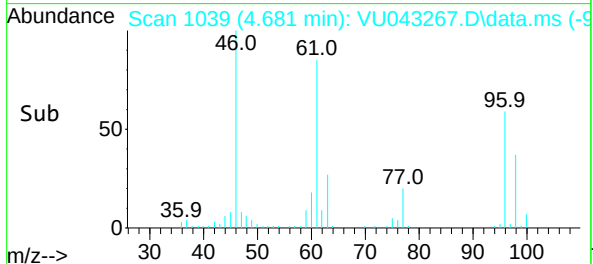
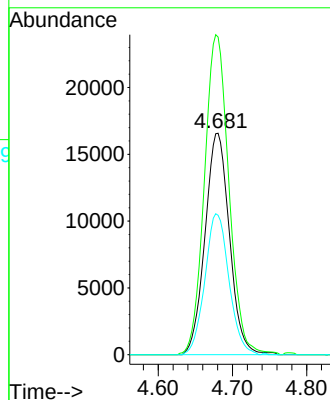
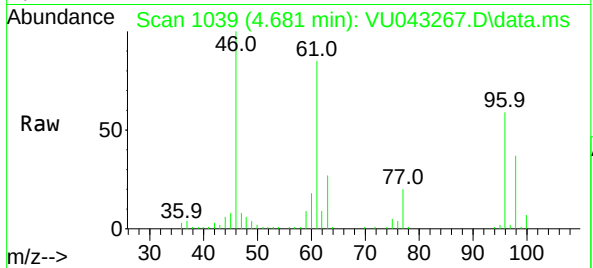




#22
 cis-1,2-Dichloroethene
 Concen: 5.17 ug/L
 RT: 4.681 min Scan# 1039
 Delta R.T. 0.006 min
 Lab File: VU043267.D
 Acq: 22 Apr 2021 09:48

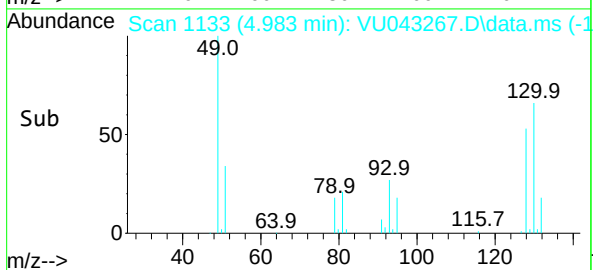
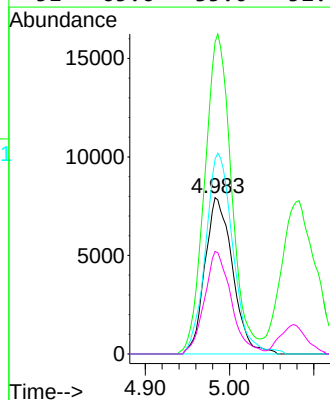
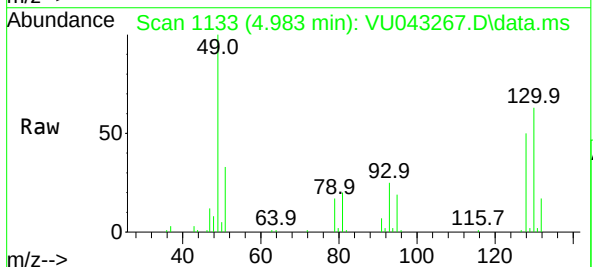
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005143

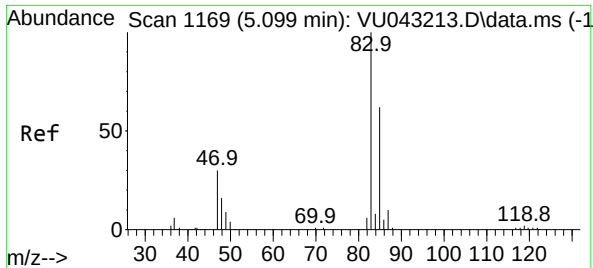
Tgt Ion:	96	Resp:	37951
Ion	Ratio	Lower	Upper
96	100		
61	143.4	87.4	162.4
98	63.0	47.7	88.5



#23
 Bromochloromethane
 Concen: 5.42 ug/L
 RT: 4.983 min Scan# 1133
 Delta R.T. -0.004 min
 Lab File: VU043267.D
 Acq: 22 Apr 2021 09:48

Tgt Ion:	128	Resp:	18155
Ion	Ratio	Lower	Upper
128	100		
49	199.4	96.4	179.0#
130	124.7	91.2	169.4
51	65.6	35.0	52.6#

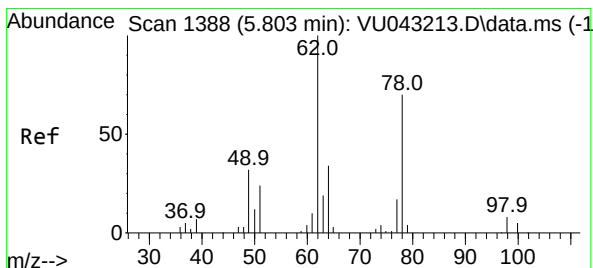
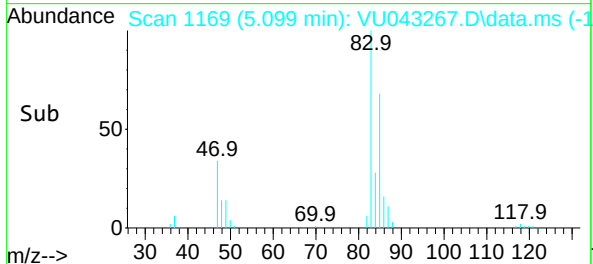
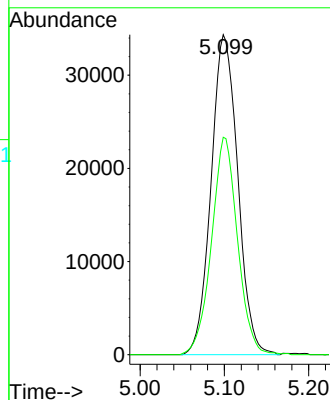
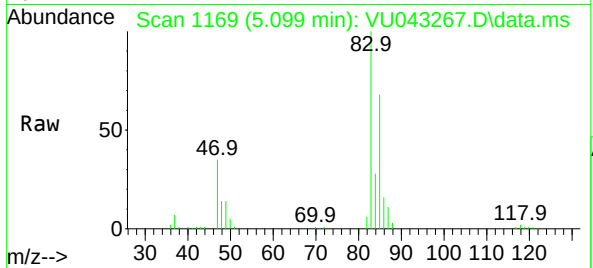




#25
Chloroform
Concen: 5.25 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU043267.D
Acq: 22 Apr 2021 09:48

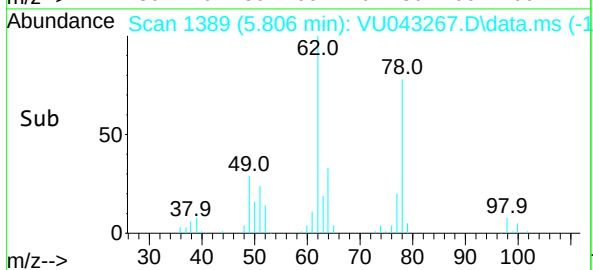
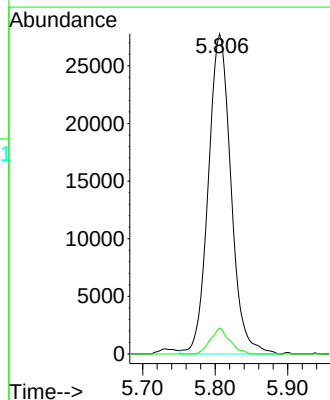
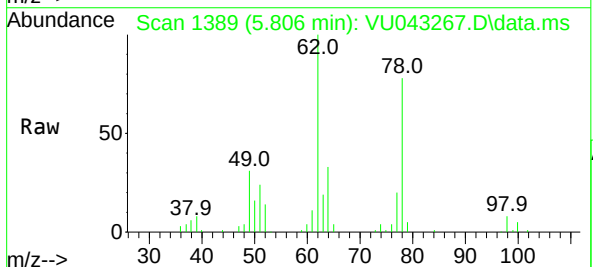
Instrument :
MSVOA_U
ClientSampleId :
VSTD005143

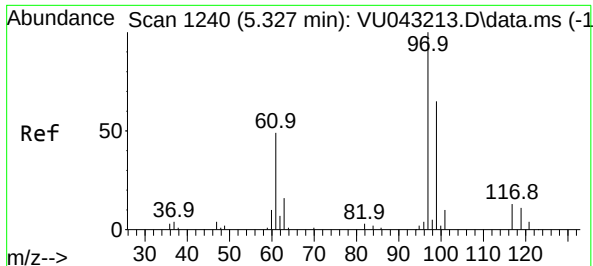
Tgt Ion: 83 Resp: 75545
Ion Ratio Lower Upper
83 100
85 68.0 45.6 84.8



#27
1,2-Dichloroethane
Concen: 5.71 ug/L
RT: 5.806 min Scan# 1389
Delta R.T. -0.000 min
Lab File: VU043267.D
Acq: 22 Apr 2021 09:48

Tgt Ion: 62 Resp: 60373
Ion Ratio Lower Upper
62 100
98 8.1 7.5 11.3





#29

1,1,1-Trichloroethane

Concen: 5.02 ug/L

RT: 5.327 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VU043267.D

Acq: 22 Apr 2021 09:48

Tgt Ion: 97 Resp: 65508

Ion Ratio Lower Upper

97 100

99 63.1 50.3 75.5

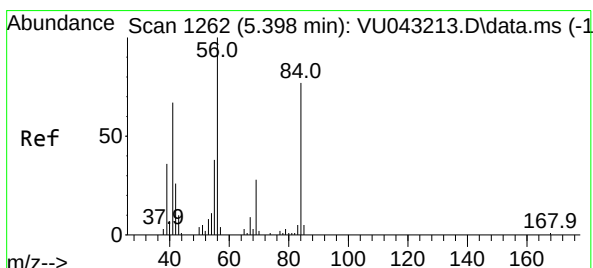
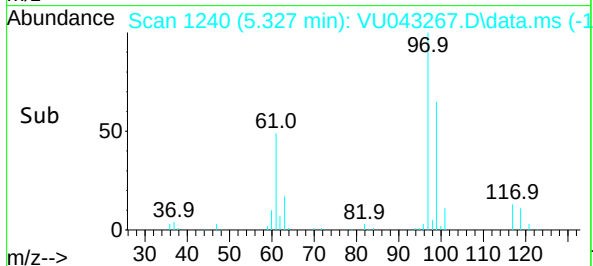
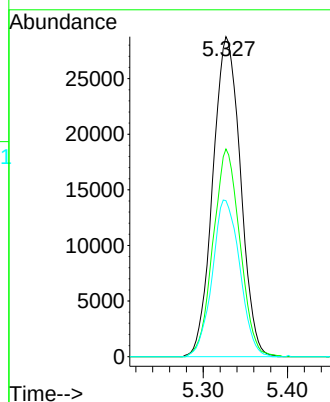
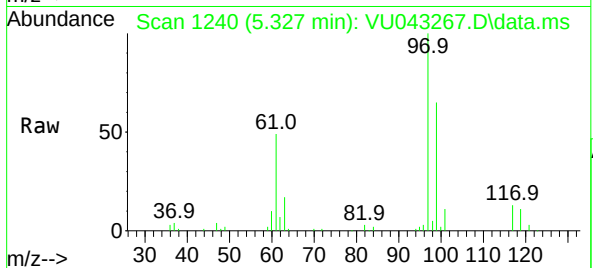
61 48.7 32.7 49.1

Instrument :

MSVOA_U

ClientSampleId :

VSTD005143



#30

Cyclohexane

Concen: 4.83 ug/L

RT: 5.398 min Scan# 1262

Delta R.T. -0.000 min

Lab File: VU043267.D

Acq: 22 Apr 2021 09:48

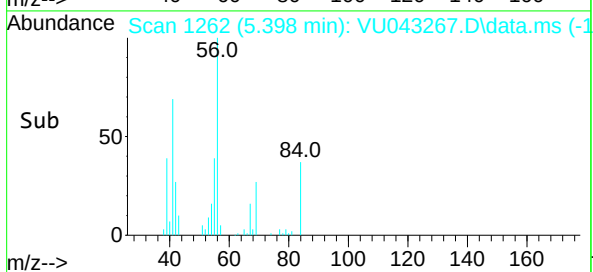
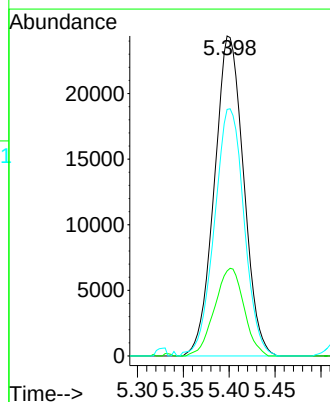
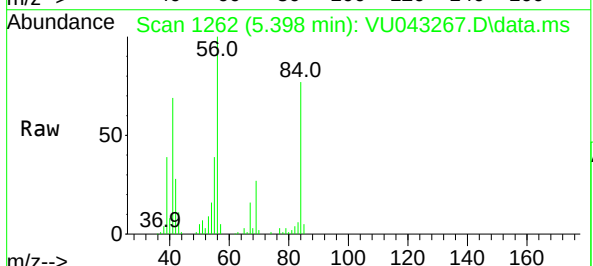
Tgt Ion: 56 Resp: 54015

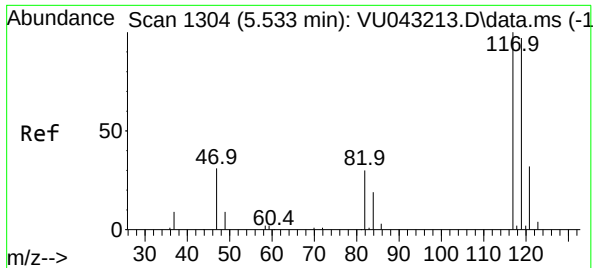
Ion Ratio Lower Upper

56 100

69 27.5 25.2 37.8

84 78.4 76.2 114.4

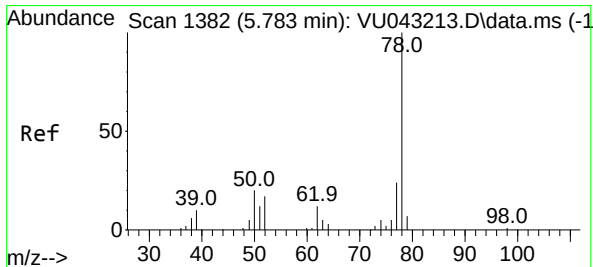
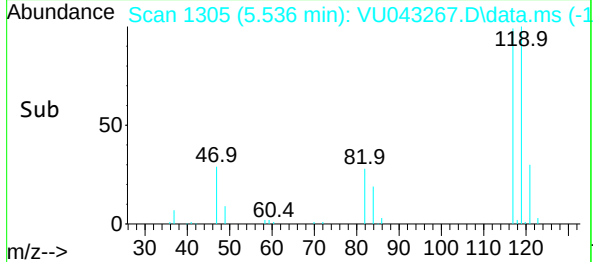
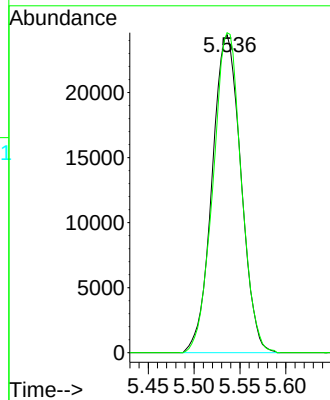
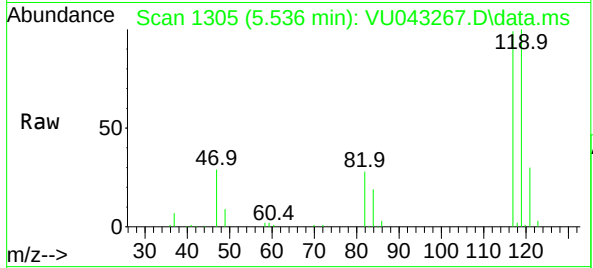




#31
Carbon tetrachloride
Concen: 4.90 ug/L
RT: 5.536 min Scan# 1305
Delta R.T. 0.003 min
Lab File: VU043267.D
Acq: 22 Apr 2021 09:48

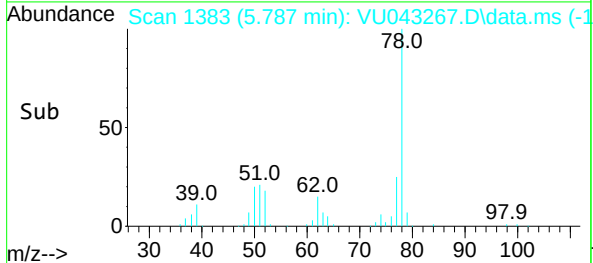
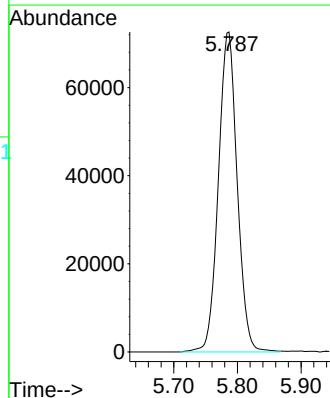
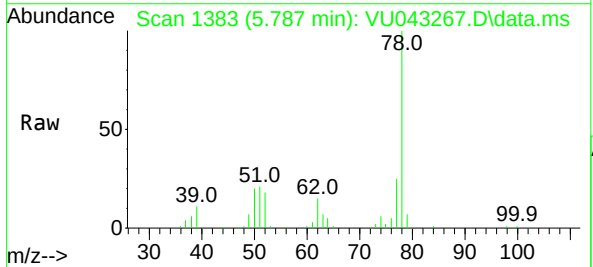
Instrument :
MSVOA_U
ClientSampleId :
VSTD005143

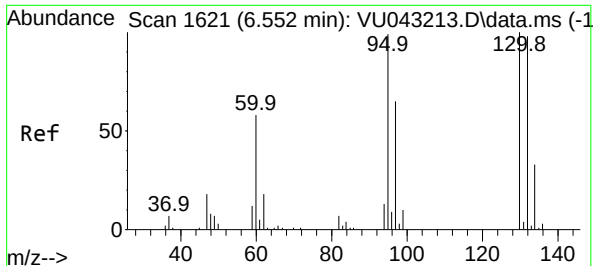
Tgt Ion:117 Resp: 53342
Ion Ratio Lower Upper
117 100
119 98.7 76.2 114.4



#33
Benzene
Concen: 5.27 ug/L
RT: 5.787 min Scan# 1383
Delta R.T. 0.003 min
Lab File: VU043267.D
Acq: 22 Apr 2021 09:48

Tgt Ion: 78 Resp: 149211

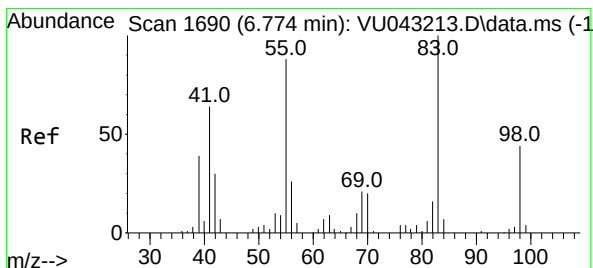
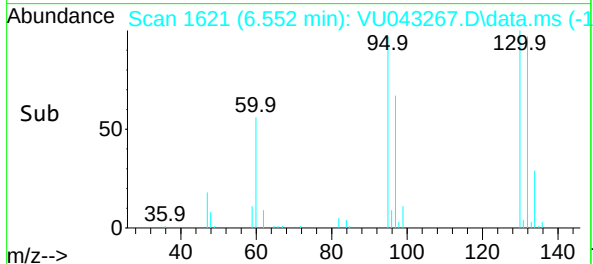
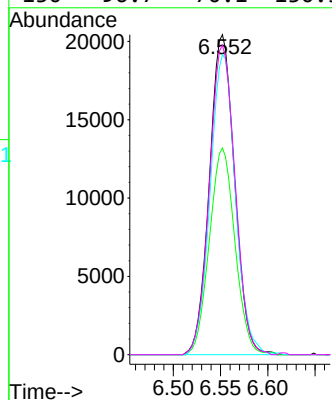
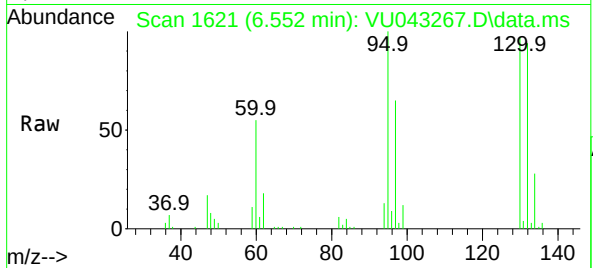




#34
Trichloroethene
Concen: 4.86 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.003 min
Lab File: VU043267.D
Acq: 22 Apr 2021 09:48

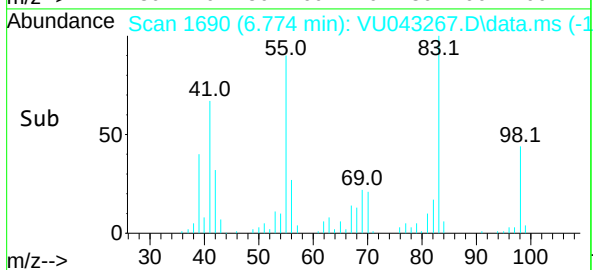
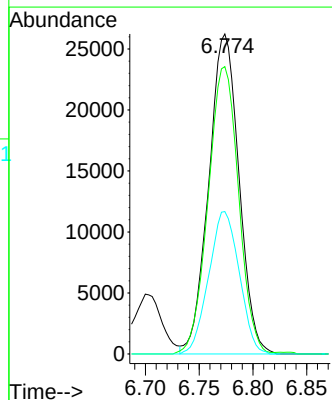
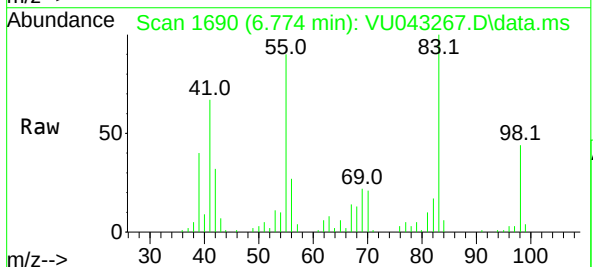
Instrument :
MSVOA_U
ClientSampleId :
VSTD005143

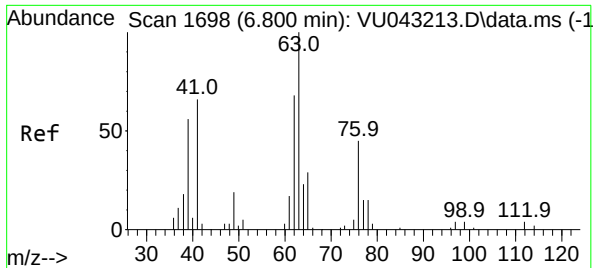
Tgt Ion: 95 Resp: 37833
Ion Ratio Lower Upper
95 100
97 64.6 45.8 85.2
132 93.8 68.7 127.7
130 96.7 70.1 130.3



#35
Methylcyclohexane
Concen: 4.76 ug/L
RT: 6.774 min Scan# 1690
Delta R.T. 0.003 min
Lab File: VU043267.D
Acq: 22 Apr 2021 09:48

Tgt Ion: 83 Resp: 51271
Ion Ratio Lower Upper
83 100
55 90.3 59.5 89.3#
98 44.9 37.9 56.9

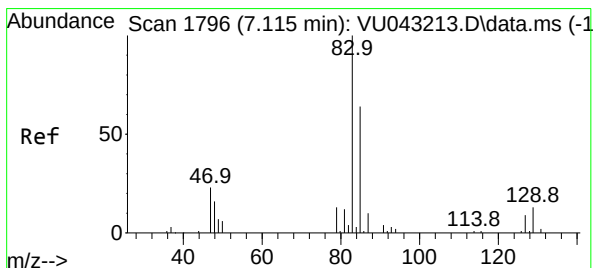
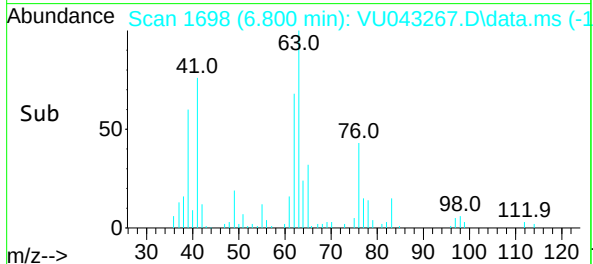
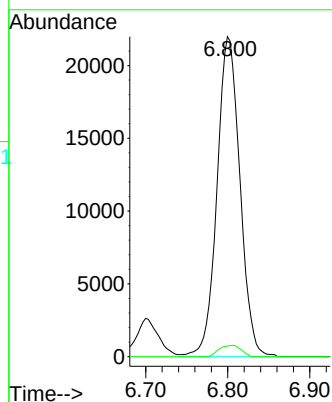
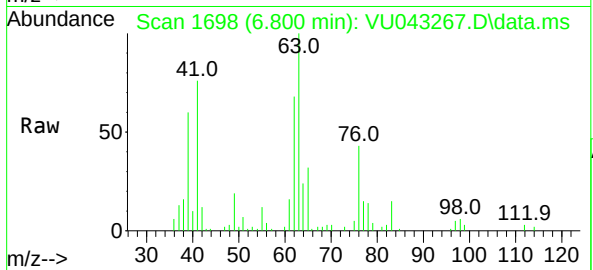




#37
1,2-Dichloropropane
Concen: 5.37 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VU043267.D
Acq: 22 Apr 2021 09:48

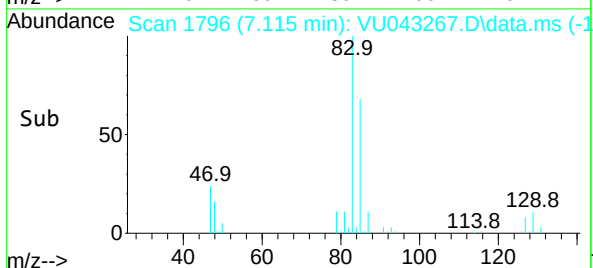
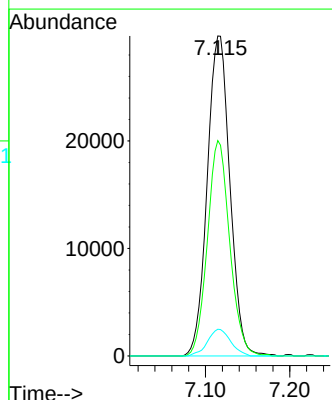
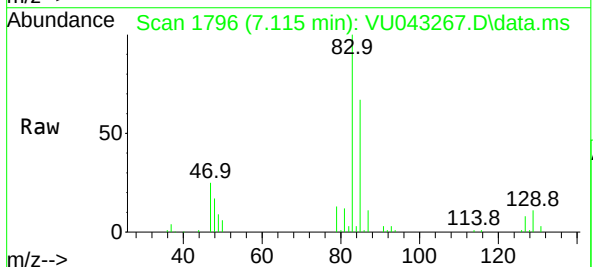
Instrument :
MSVOA_U
ClientSampled :
VSTD005143

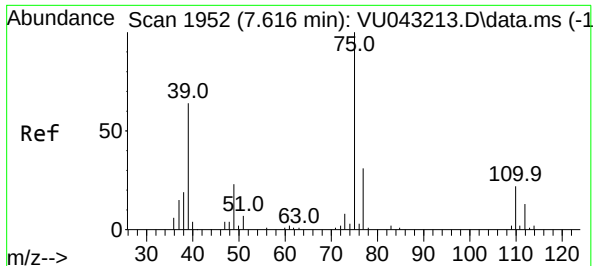
Tgt Ion: 63 Resp: 42706
Ion Ratio Lower Upper
63 100
112 3.4 3.5 5.3#



#38
Bromodichloromethane
Concen: 5.21 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VU043267.D
Acq: 22 Apr 2021 09:48

Tgt Ion: 83 Resp: 55705
Ion Ratio Lower Upper
83 100
85 67.3 44.6 82.8
127 8.3 7.4 11.2

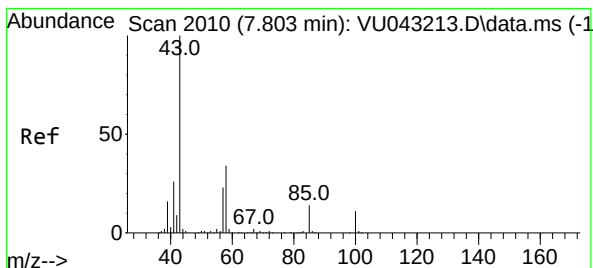
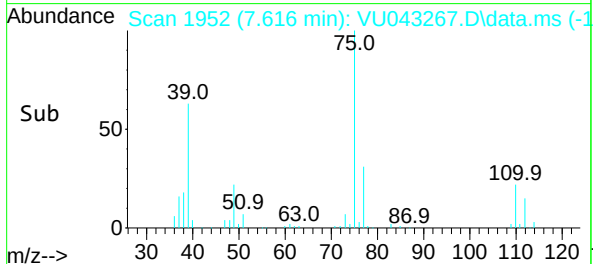
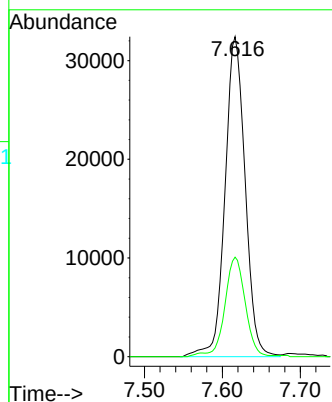
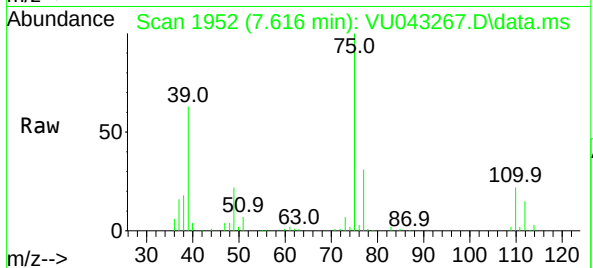




#39
 cis-1,3-Dichloropropene
 Concen: 5.00 ug/L
 RT: 7.616 min Scan# 1952
 Delta R.T. -0.000 min
 Lab File: VU043267.D
 Acq: 22 Apr 2021 09:48

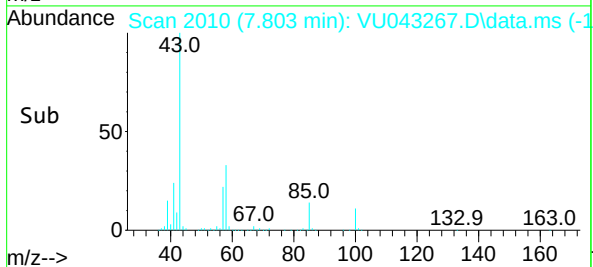
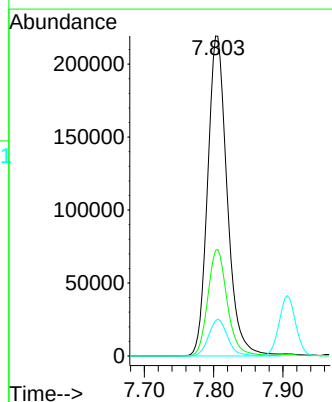
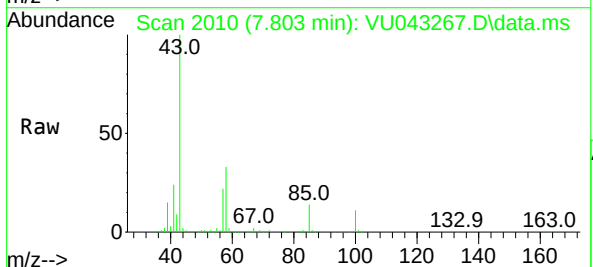
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005143

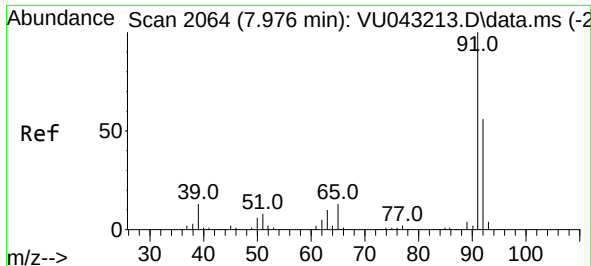
Tgt Ion: 75 Resp: 58170
 Ion Ratio Lower Upper
 75 100
 77 31.1 21.8 40.6



#40
 4-Methyl-2-pentanone
 Concen: 60.14 ug/L
 RT: 7.803 min Scan# 2010
 Delta R.T. -0.000 min
 Lab File: VU043267.D
 Acq: 22 Apr 2021 09:48

Tgt Ion: 43 Resp: 428285
 Ion Ratio Lower Upper
 43 100
 58 33.2 35.8 53.6#
 100 11.2 15.1 22.7#

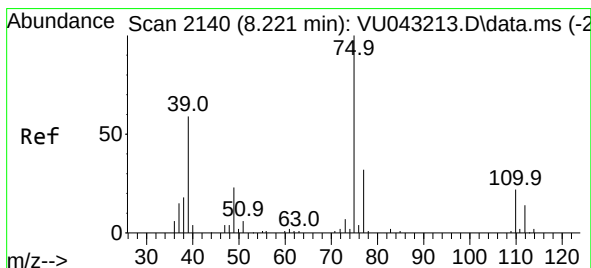
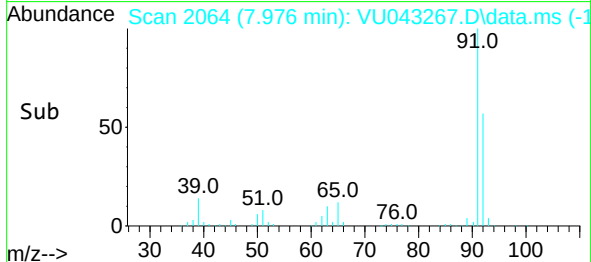
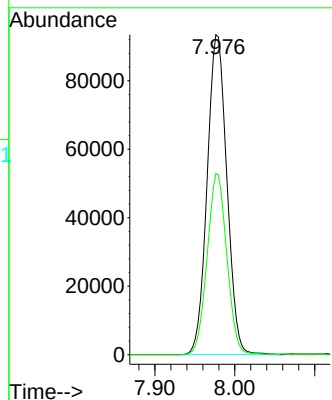
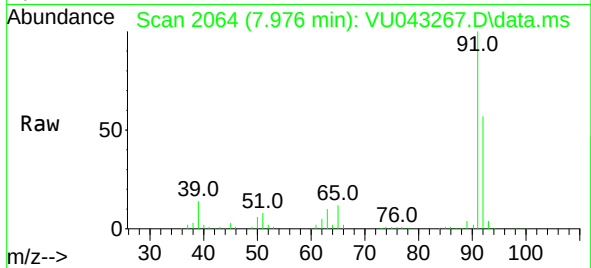




#42
Toluene
Concen: 5.07 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU043267.D
Acq: 22 Apr 2021 09:48

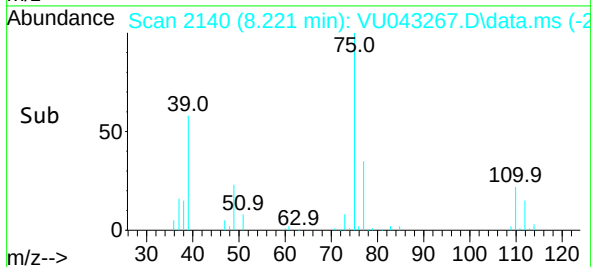
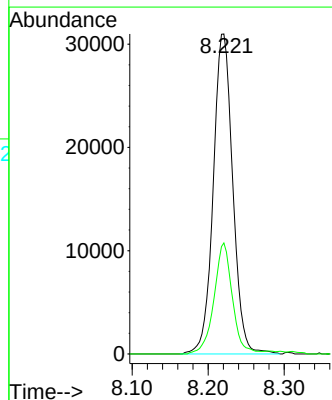
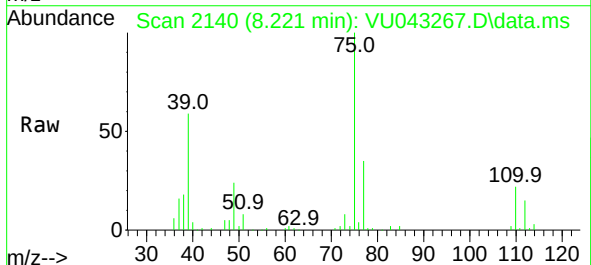
Instrument :
MSVOA_U
ClientSampleId :
VSTD005143

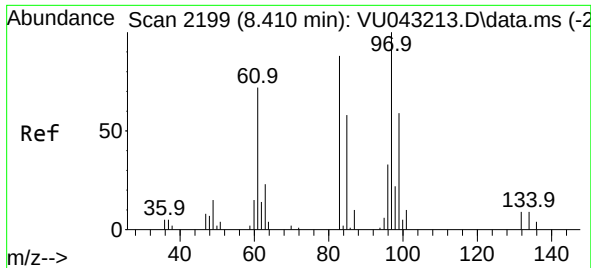
Tgt Ion: 91 Resp: 160186
Ion Ratio Lower Upper
91 100
92 56.6 40.9 76.0



#44
trans-1,3-Dichloropropene
Concen: 5.04 ug/L
RT: 8.221 min Scan# 2140
Delta R.T. 0.003 min
Lab File: VU043267.D
Acq: 22 Apr 2021 09:48

Tgt Ion: 75 Resp: 55220
Ion Ratio Lower Upper
75 100
77 34.7 23.4 43.4

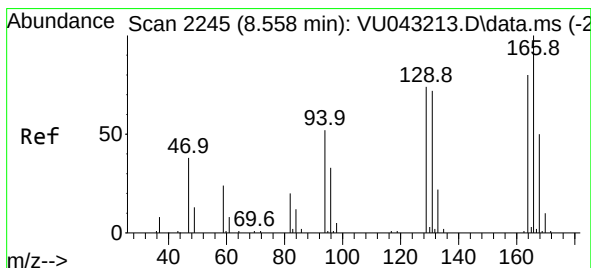
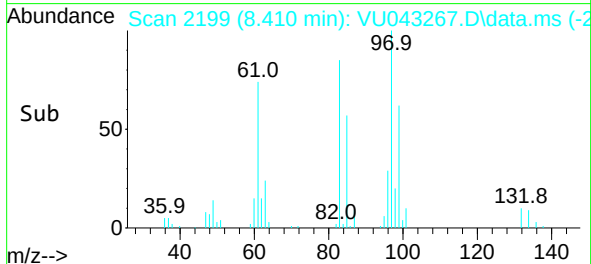
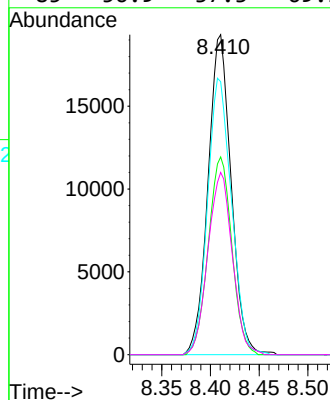
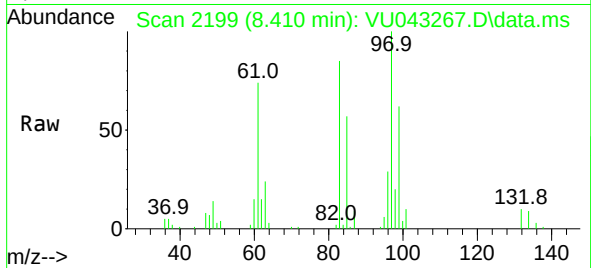




#45
1,1,2-Trichloroethane
Concen: 5.36 ug/L
RT: 8.410 min Scan# 2199
Delta R.T. 0.003 min
Lab File: VU043267.D
Acq: 22 Apr 2021 09:48

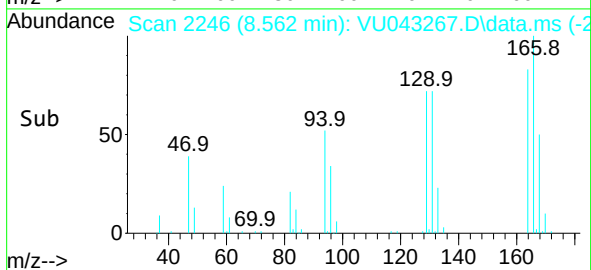
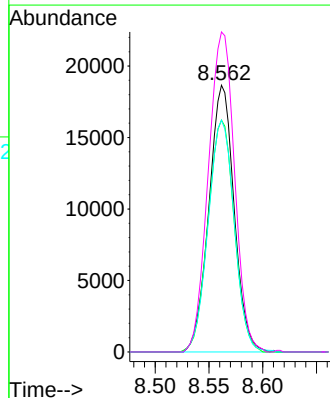
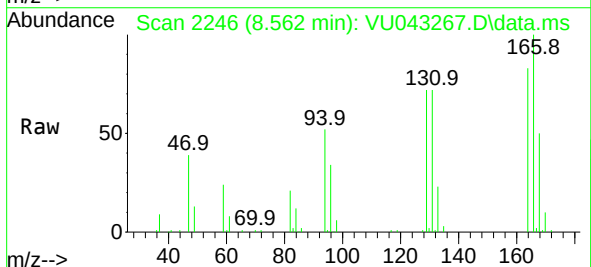
Instrument :
MSVOA_U
ClientSampleId :
VSTD005143

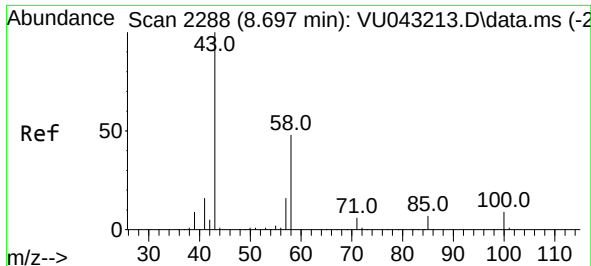
Tgt Ion:	97	Resp:	31862
Ion	Ratio	Lower	Upper
97	100		
99	61.8	44.2	82.0
83	85.3	60.1	111.7
85	56.9	37.3	69.3



#47
Tetrachloroethene
Concen: 4.94 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU043267.D
Acq: 22 Apr 2021 09:48

Tgt Ion:	164	Resp:	30487
Ion	Ratio	Lower	Upper
164	100		
129	87.0	66.6	123.8
131	86.9	65.9	122.3
166	120.0	93.7	173.9

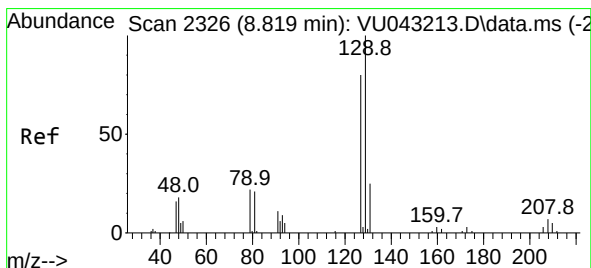
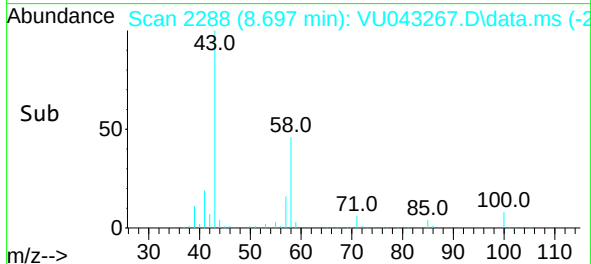
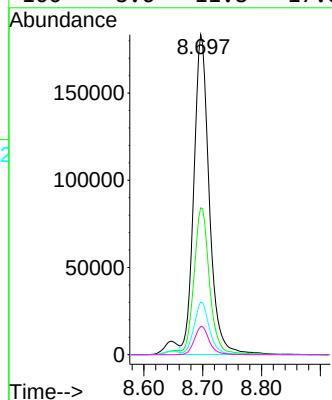
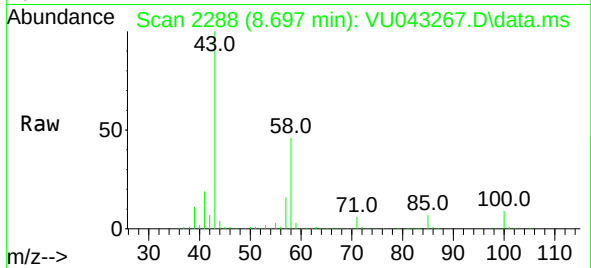




#48
2-Hexanone
Concen: 63.72 ug/L
RT: 8.697 min Scan# 2288
Delta R.T. -0.000 min
Lab File: VU043267.D
Acq: 22 Apr 2021 09:48

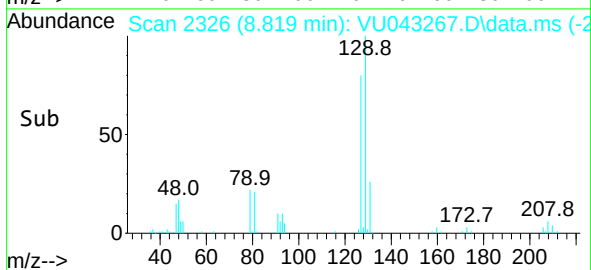
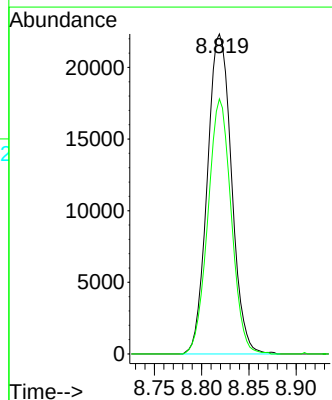
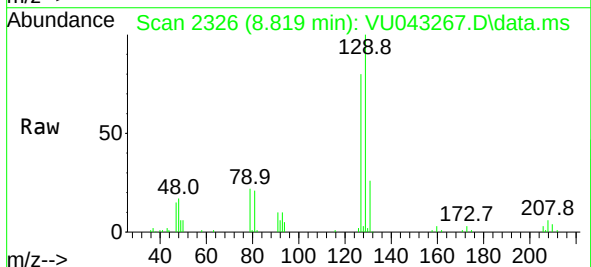
Instrument :
MSVOA_U
ClientSampled :
VSTD005143

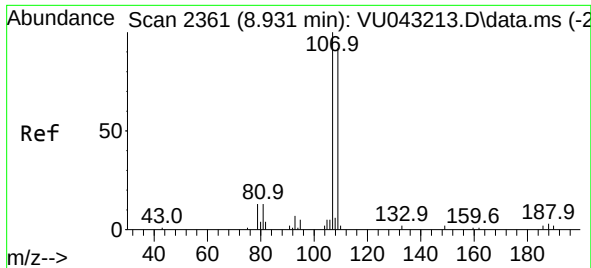
Tgt Ion:	43	Resp:	333865
Ion	Ratio	Lower	Upper
43	100		
58	46.4	50.0	75.0#
57	16.3	17.4	26.0#
100	8.6	11.8	17.8#



#49
Dibromochloromethane
Concen: 5.30 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VU043267.D
Acq: 22 Apr 2021 09:48

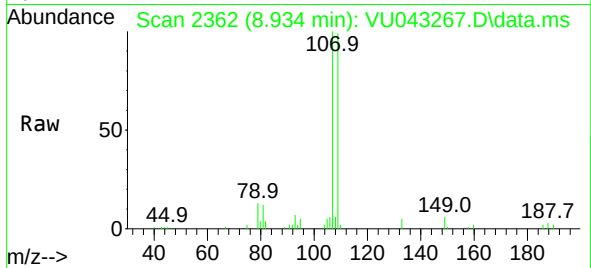
Tgt Ion:	129	Resp:	39768
Ion	Ratio	Lower	Upper
129	100		
127	79.7	56.6	105.2



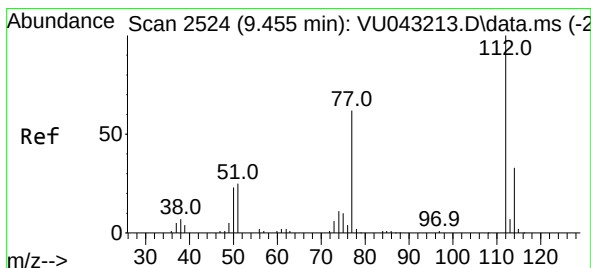
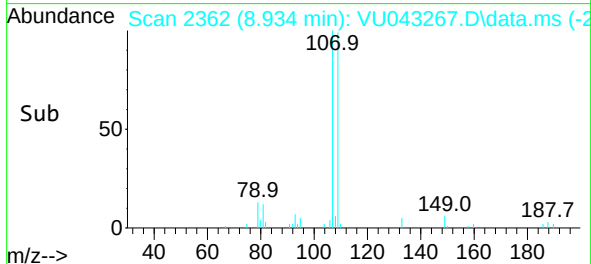
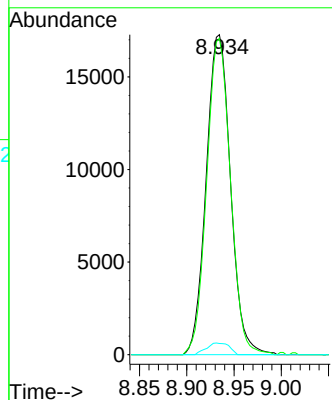


#50
1,2-Dibromoethane
Concen: 5.23 ug/L
RT: 8.934 min Scan# 2362
Delta R.T. 0.003 min
Lab File: VU043267.D
Acq: 22 Apr 2021 09:48

Instrument :
MSVOA_U
ClientSampleId :
VSTD005143

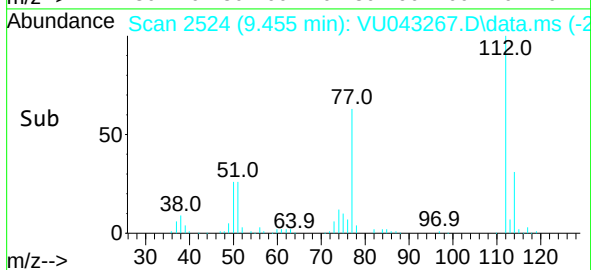
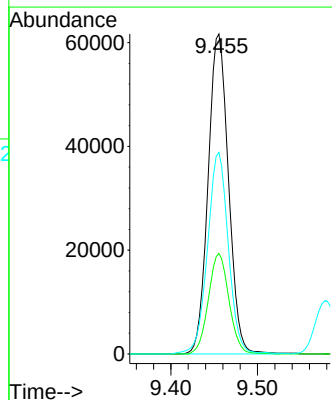
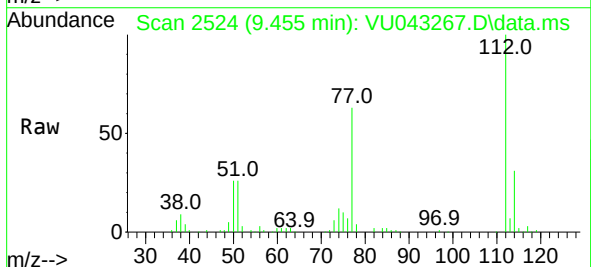


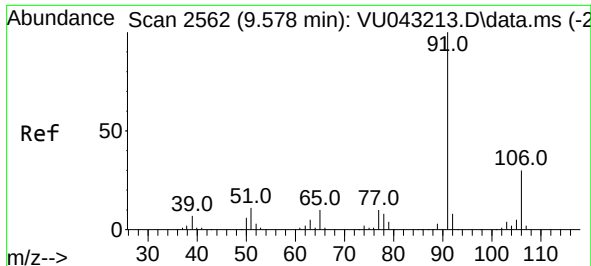
Tgt Ion:107 Resp: 30956
Ion Ratio Lower Upper
107 100
109 98.8 65.4 121.4
188 3.5 2.5 3.7



#51
Chlorobenzene
Concen: 5.00 ug/L
RT: 9.455 min Scan# 2524
Delta R.T. 0.003 min
Lab File: VU043267.D
Acq: 22 Apr 2021 09:48

Tgt Ion:112 Resp: 100798
Ion Ratio Lower Upper
112 100
114 31.4 21.9 40.7
77 63.0 45.1 67.7

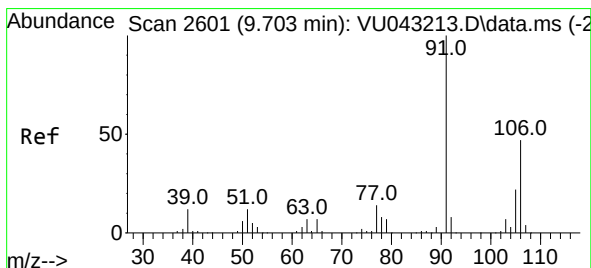
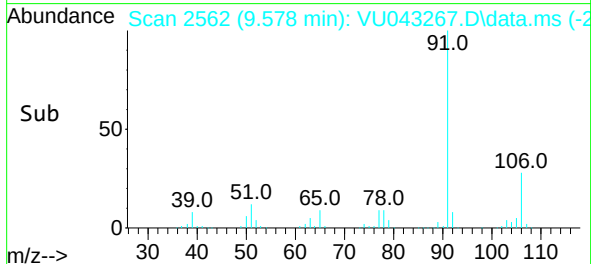
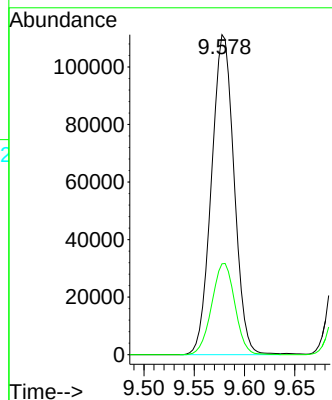
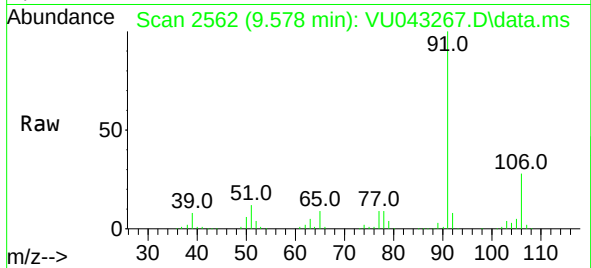




#52
Ethylbenzene
Concen: 4.81 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU043267.D
Acq: 22 Apr 2021 09:48

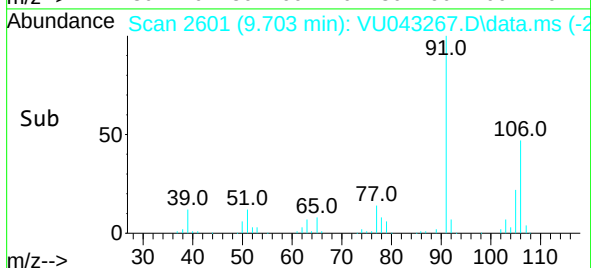
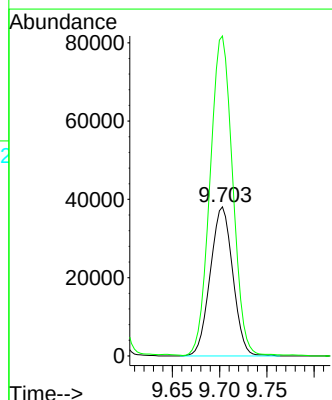
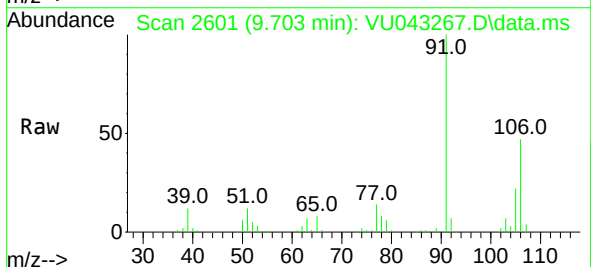
Instrument :
MSVOA_U
ClientSampleId :
VSTD005143

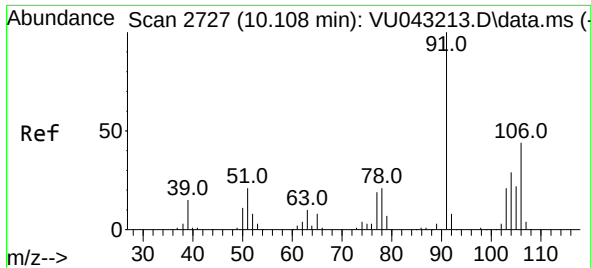
Tgt Ion: 91 Resp: 173921
Ion Ratio Lower Upper
91 100
106 28.4 22.0 40.8



#53
m,p-Xylene
Concen: 4.77 ug/L
RT: 9.703 min Scan# 2601
Delta R.T. 0.003 min
Lab File: VU043267.D
Acq: 22 Apr 2021 09:48

Tgt Ion: 106 Resp: 63179
Ion Ratio Lower Upper
106 100
91 214.6 137.6 255.6

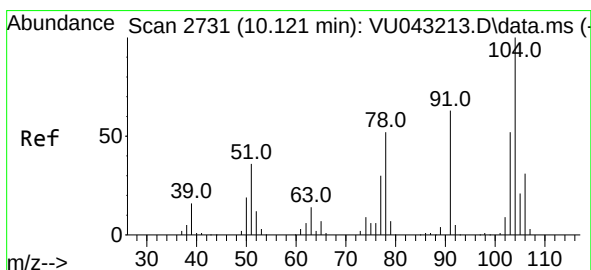
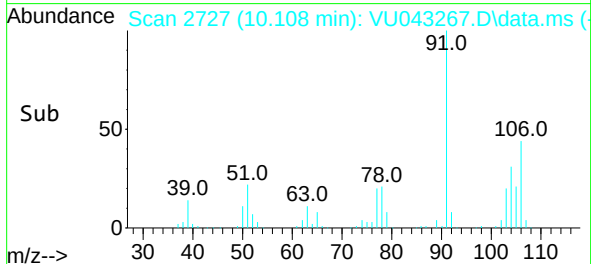
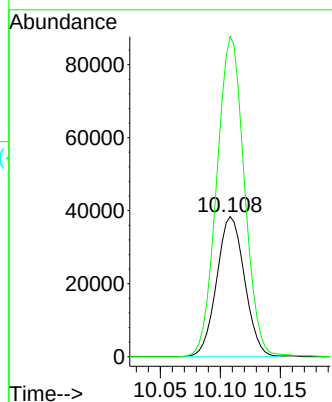
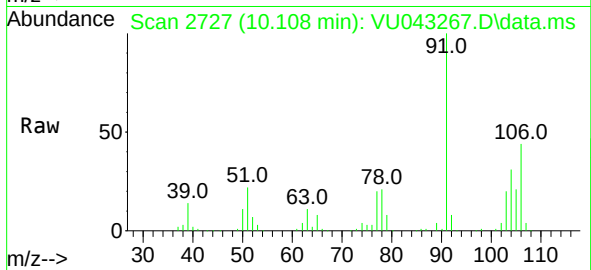




#54
o-Xylene
Concen: 4.74 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. -0.000 min
Lab File: VU043267.D
Acq: 22 Apr 2021 09:48

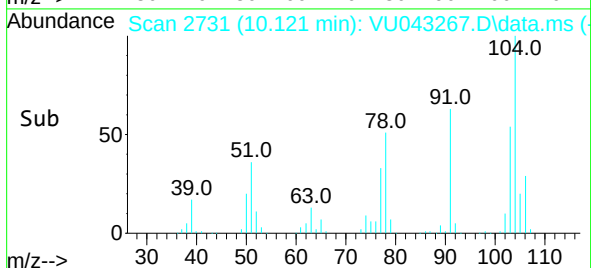
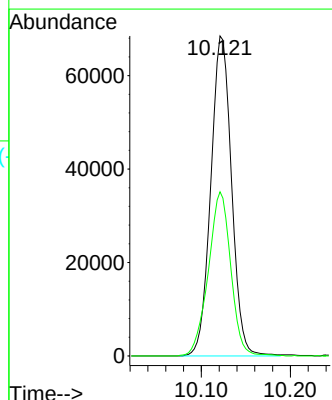
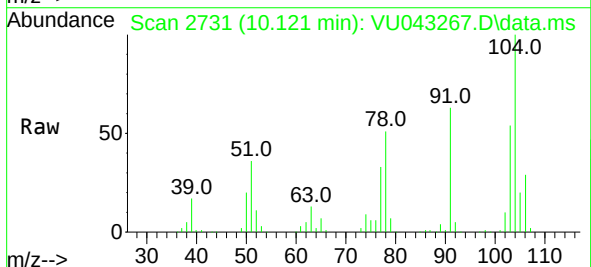
Instrument :
MSVOA_U
ClientSampleId :
VSTD005143

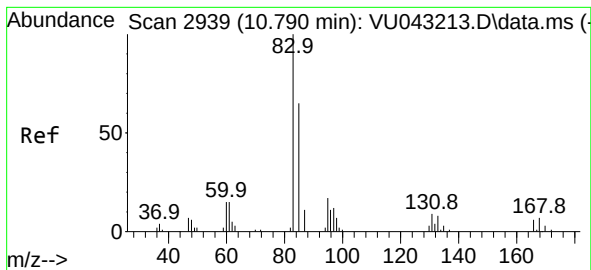
Tgt Ion:106 Resp: 62077
Ion Ratio Lower Upper
106 100
91 228.3 148.5 275.9



#55
Styrene
Concen: 4.93 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. -0.000 min
Lab File: VU043267.D
Acq: 22 Apr 2021 09:48

Tgt Ion:104 Resp: 110825
Ion Ratio Lower Upper
104 100
78 51.3 32.3 60.1

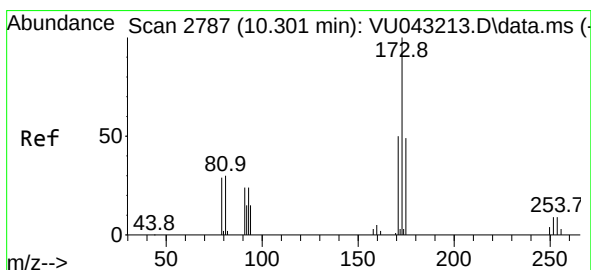
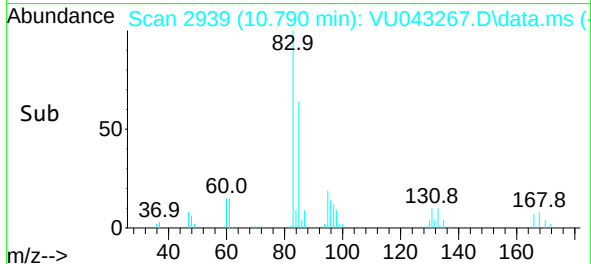
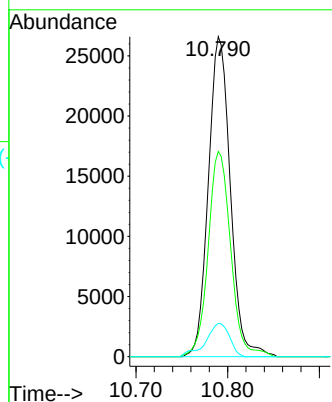
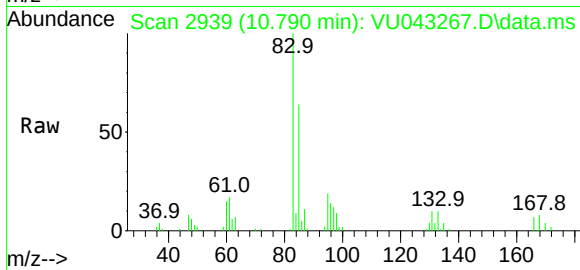




#57
1,1,2,2-Tetrachloroethane
Concen: 5.66 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. -0.000 min
Lab File: VU043267.D
Acq: 22 Apr 2021 09:48

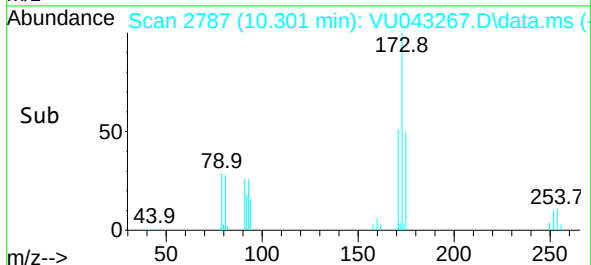
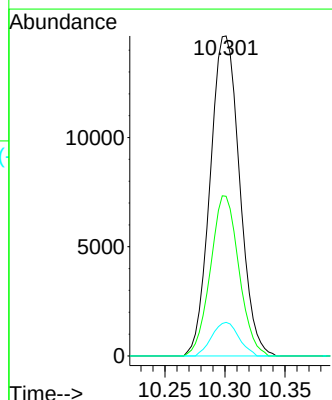
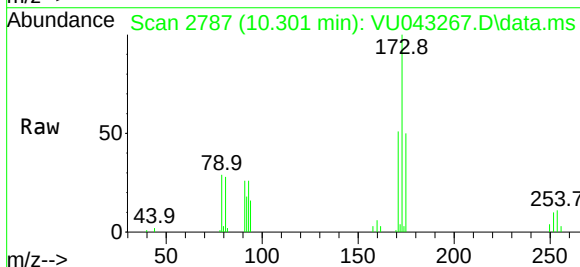
Instrument :
MSVOA_U
ClientSampleId :
VSTD005143

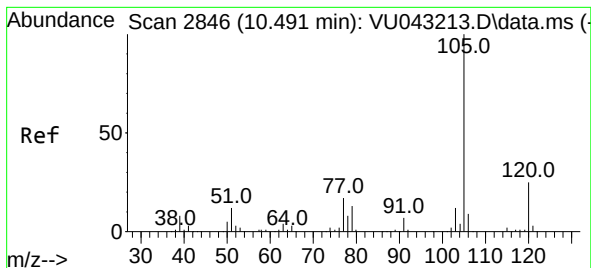
Tgt Ion:	83	Resp:	44269
Ion	Ratio	Lower	Upper
83	100		
85	64.1	44.9	83.5
131	10.4	8.2	12.4



#59
Bromoform
Concen: 5.40 ug/L
RT: 10.301 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VU043267.D
Acq: 22 Apr 2021 09:48

Tgt Ion:	173	Resp:	24963
Ion	Ratio	Lower	Upper
173	100		
175	48.5	39.4	59.0
254	9.6	8.0	12.0





#60

Isopropylbenzene

Concen: 4.68 ug/L

RT: 10.494 min Scan# 2847

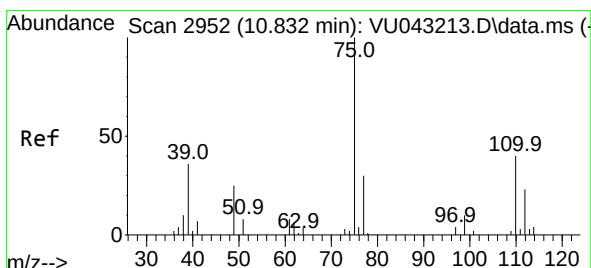
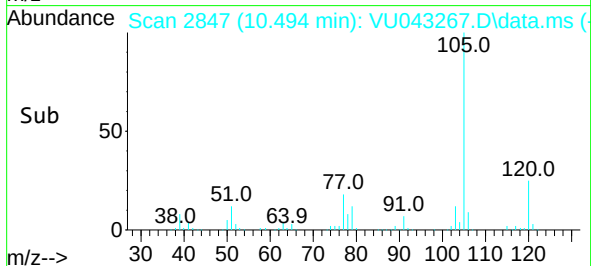
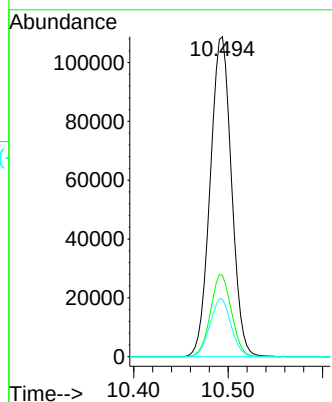
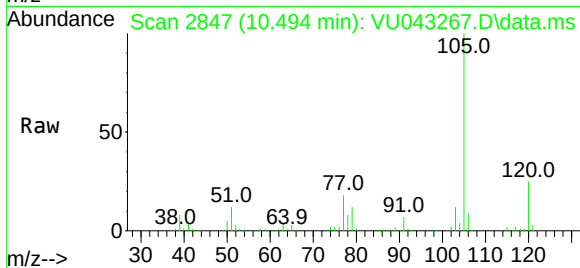
Delta R.T. 0.003 min

Lab File: VU043267.D

Acq: 22 Apr 2021 09:48

Tgt Ion:	105	Resp:	170060
Ion Ratio	Lower	Upper	
105	100		
120	25.4	20.9	31.3
77	17.9	11.8	17.8#

Instrument :
MSVOA_U
ClientSampled :
VSTD005143



#61

1,2,3-Trichloropropane

Concen: 5.59 ug/L

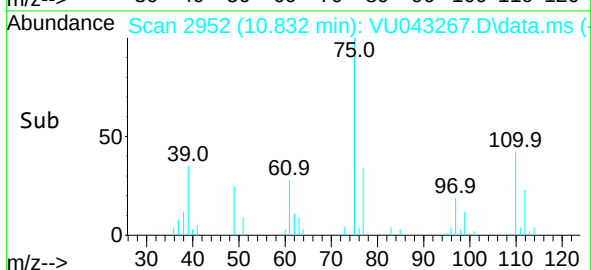
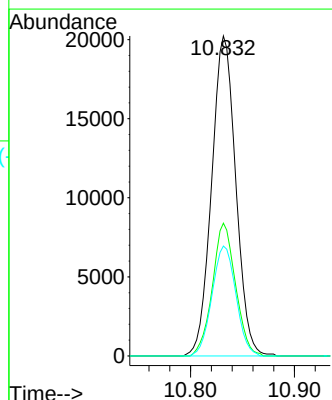
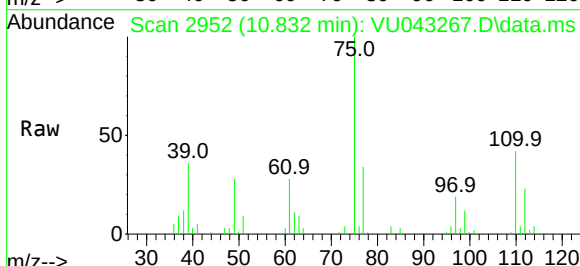
RT: 10.832 min Scan# 2952

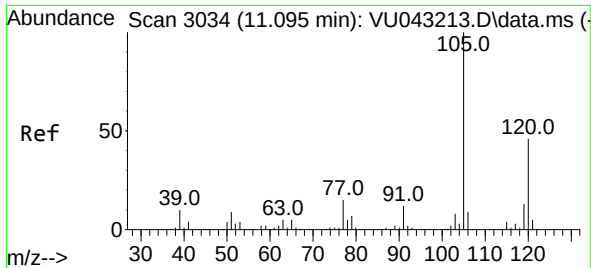
Delta R.T. 0.003 min

Lab File: VU043267.D

Acq: 22 Apr 2021 09:48

Tgt Ion:	75	Resp:	32678
Ion Ratio	Lower	Upper	
75	100		
110	39.6	31.5	47.3
77	34.0	26.3	39.5

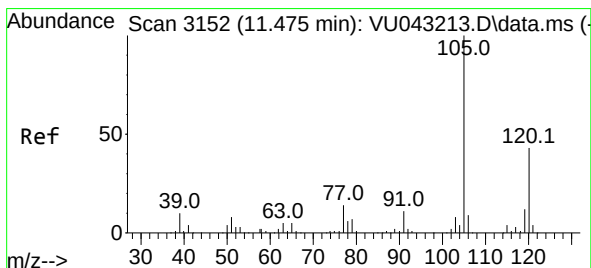
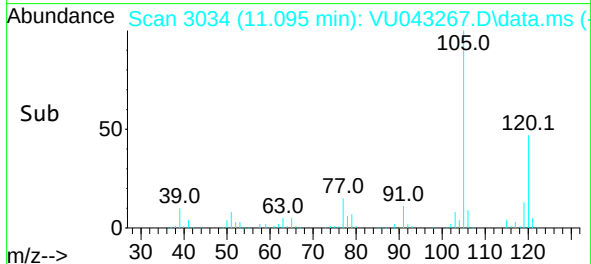
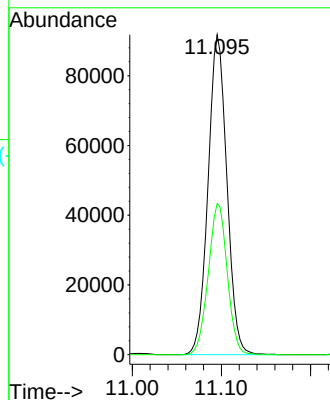
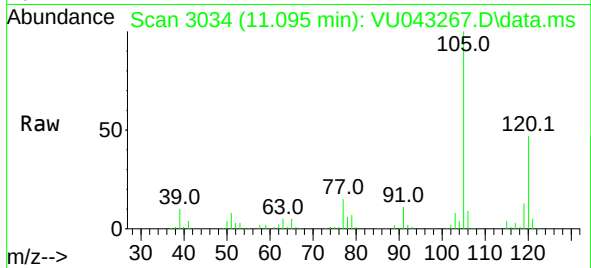




#62
1,3,5-Trimethylbenzene
Concen: 4.53 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU043267.D
Acq: 22 Apr 2021 09:48

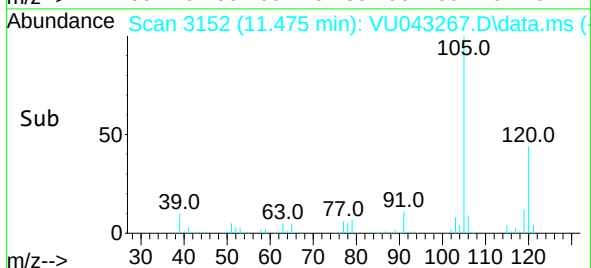
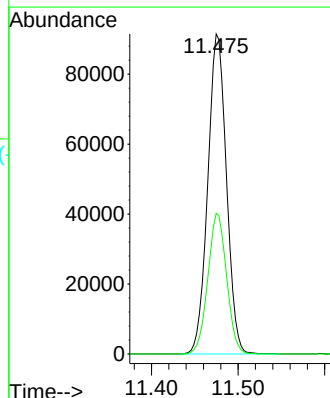
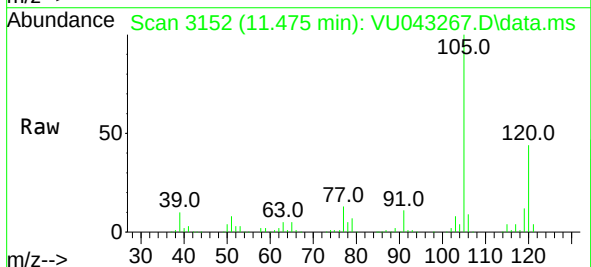
Tgt Ion:105 Resp: 134446
Ion Ratio Lower Upper
105 100
120 47.5 39.5 59.3

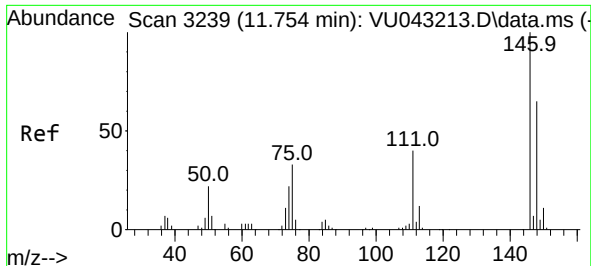
Instrument :
MSVOA_U
ClientSampleId :
VSTD005143



#63
1,2,4-Trimethylbenzene
Concen: 4.49 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU043267.D
Acq: 22 Apr 2021 09:48

Tgt Ion:105 Resp: 137098
Ion Ratio Lower Upper
105 100
120 44.1 36.7 55.1

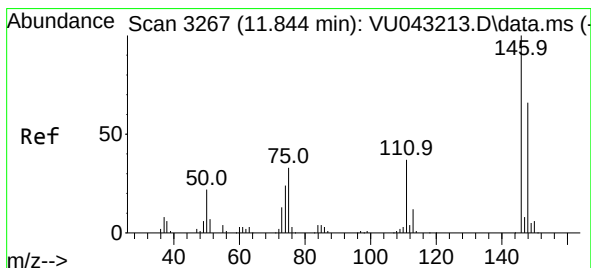
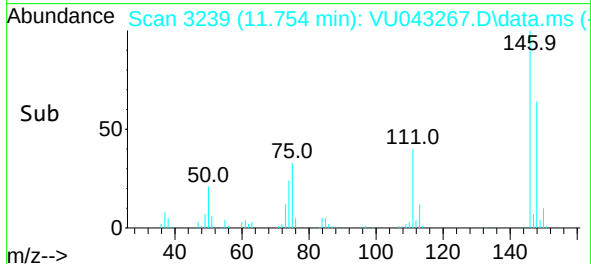
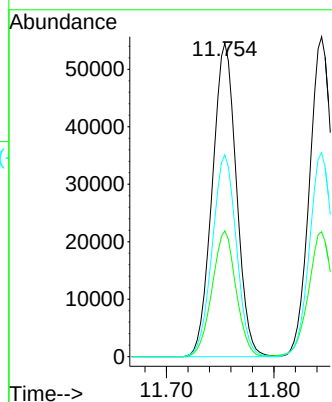
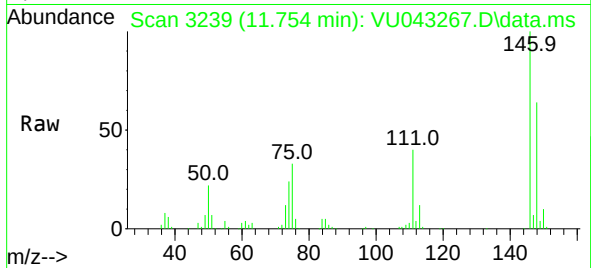




#64
1,3-Dichlorobenzene
Concen: 4.94 ug/L
RT: 11.754 min Scan# 3239
Delta R.T. 0.003 min
Lab File: VU043267.D
Acq: 22 Apr 2021 09:48

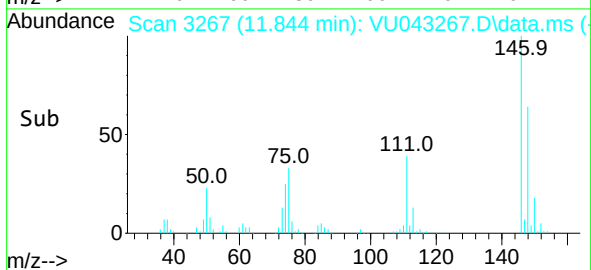
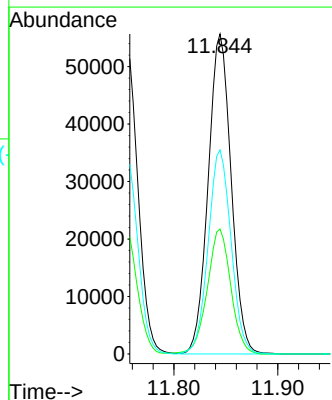
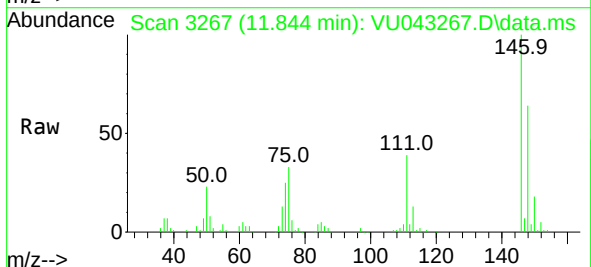
Instrument :
MSVOA_U
ClientSampleId :
VSTD005143

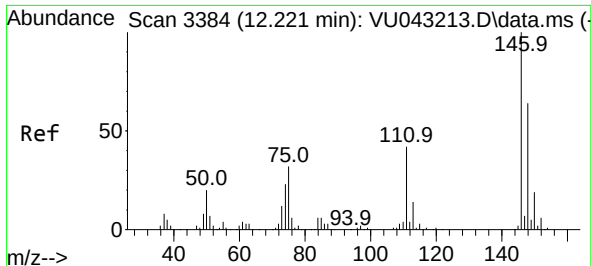
Tgt Ion:146 Resp: 85109
Ion Ratio Lower Upper
146 100
111 40.1 27.6 51.2
148 64.4 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 4.88 ug/L
RT: 11.844 min Scan# 3267
Delta R.T. 0.003 min
Lab File: VU043267.D
Acq: 22 Apr 2021 09:48

Tgt Ion:146 Resp: 85400
Ion Ratio Lower Upper
146 100
111 39.1 26.7 49.5
148 63.7 43.9 81.5

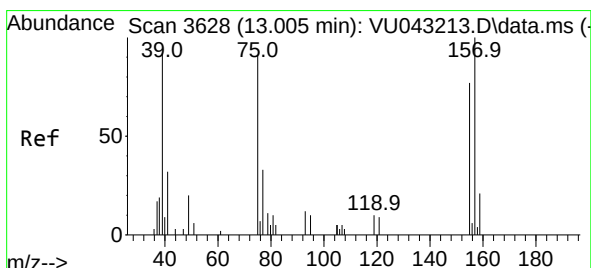
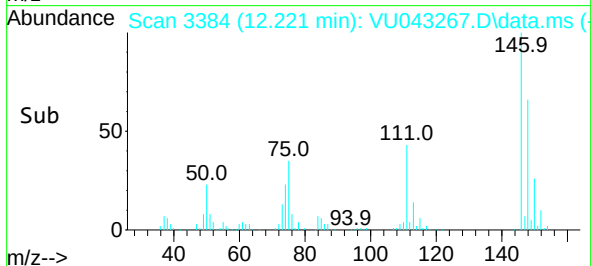
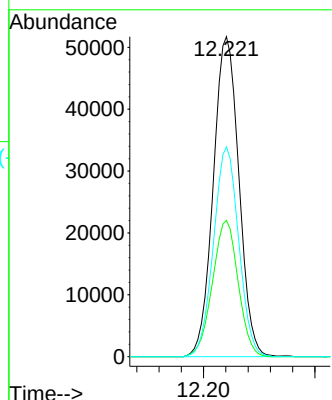
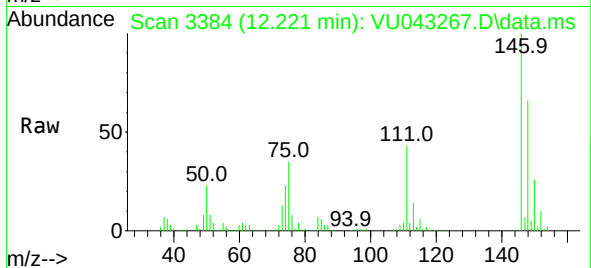




#67
1,2-Dichlorobenzene
Concen: 4.93 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. -0.000 min
Lab File: VU043267.D
Acq: 22 Apr 2021 09:48

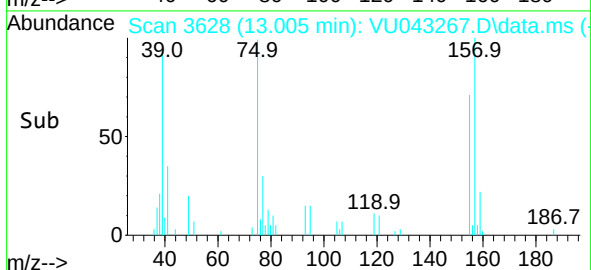
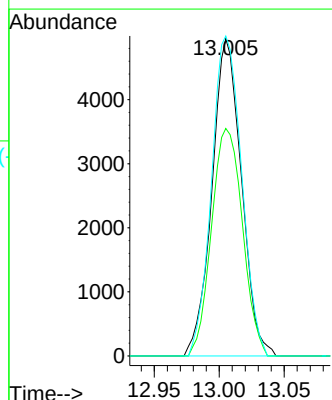
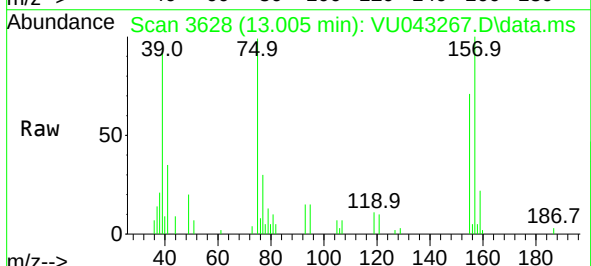
Instrument :
MSVOA_U
ClientSampleId :
VSTD005143

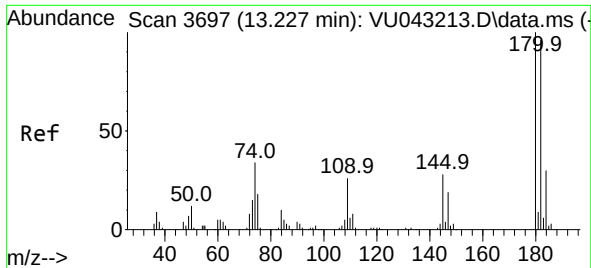
Tgt Ion:146 Resp: 82590
Ion Ratio Lower Upper
146 100
111 42.6 31.9 47.9
148 65.6 48.8 73.2



#68
1,2-Dibromo-3-chloropropane
Concen: 5.48 ug/L
RT: 13.005 min Scan# 3628
Delta R.T. -0.000 min
Lab File: VU043267.D
Acq: 22 Apr 2021 09:48

Tgt Ion: 75 Resp: 7800
Ion Ratio Lower Upper
75 100
155 71.7 67.8 101.8
157 100.9 82.4 123.6

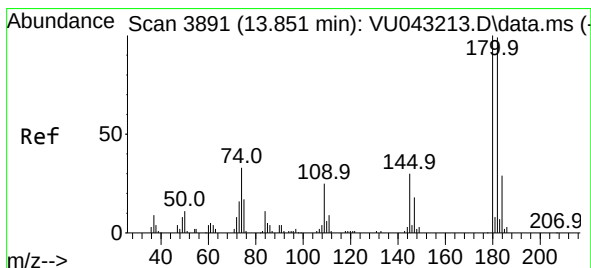
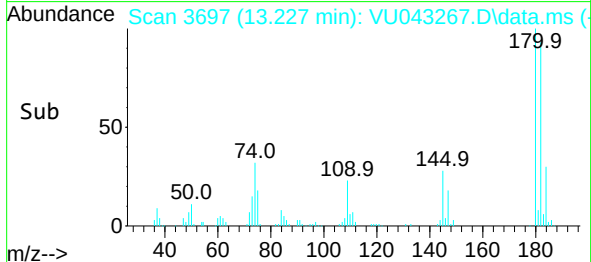
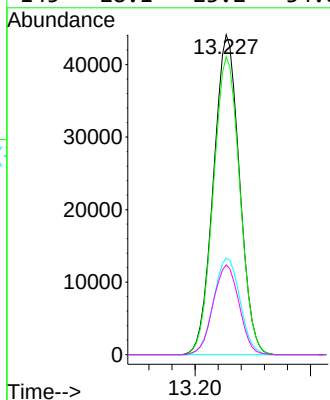
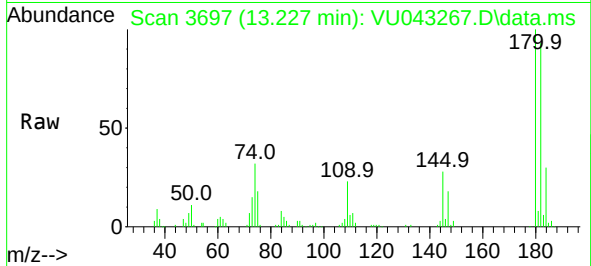




#69
 1,3,5-Trichlorobenzene
 Concen: 4.86 ug/L
 RT: 13.227 min Scan# 3697
 Delta R.T. -0.000 min
 Lab File: VU043267.D
 Acq: 22 Apr 2021 09:48

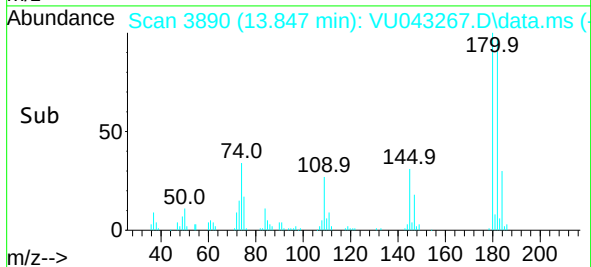
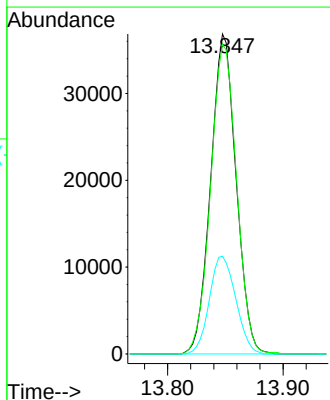
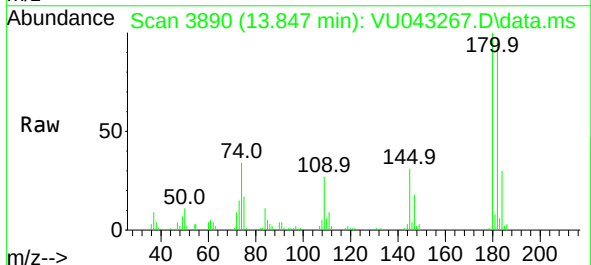
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005143

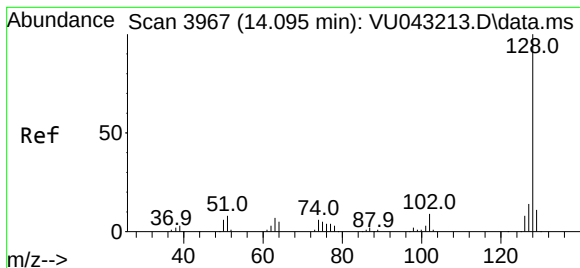
Tgt Ion:180	Resp:	68741
Ion Ratio	Lower	Upper
180	100	
182	94.9	76.1 114.1
184	30.8	24.0 36.0
145	28.1	23.2 34.8



#70
 1,2,4-trichlorobenzene
 Concen: 4.81 ug/L
 RT: 13.847 min Scan# 3890
 Delta R.T. -0.000 min
 Lab File: VU043267.D
 Acq: 22 Apr 2021 09:48

Tgt Ion:180	Resp:	56382
Ion Ratio	Lower	Upper
180	100	
182	98.9	76.5 114.7
145	31.7	24.1 36.1

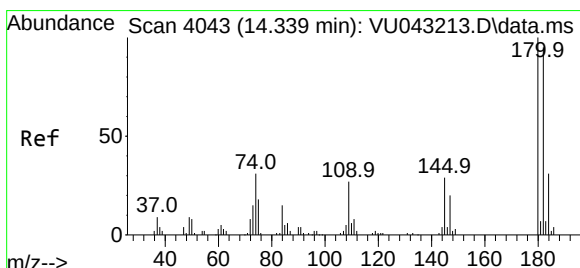
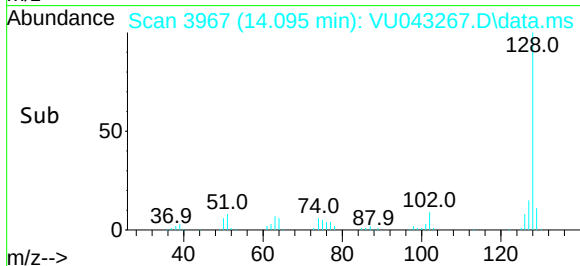
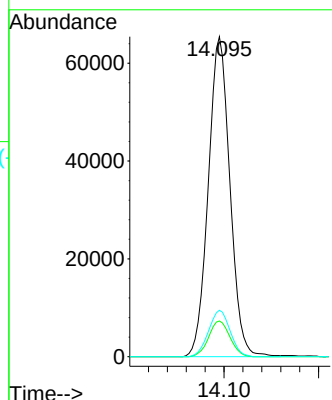
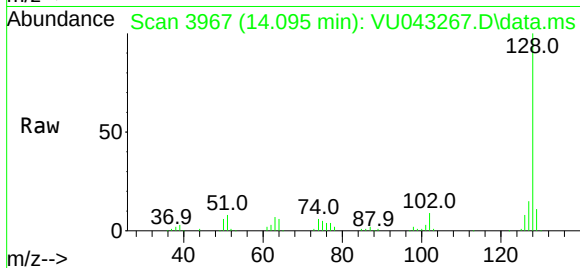




#71
Naphthalene
Concen: 5.26 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. -0.000 min
Lab File: VU043267.D
Acq: 22 Apr 2021 09:48

Instrument :
MSVOA_U
ClientSampleId :
VSTD005143

Tgt Ion:128 Resp: 103839
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 14.4 10.6 15.8



#72
1,2,3-Trichlorobenzene
Concen: 5.13 ug/L
RT: 14.339 min Scan# 4043
Delta R.T. 0.003 min
Lab File: VU043267.D
Acq: 22 Apr 2021 09:48

Tgt Ion:180 Resp: 55071
Ion Ratio Lower Upper
180 100
182 98.5 75.8 113.8
145 31.4 25.0 37.4

