

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031521\
 Data File : VU042652.D
 Acq On : 15 Mar 2021 09:34
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00529

Quant Time: Mar 16 01:24:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Mar 13 06:39:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	88982	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	88925	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	47181	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	23095	3.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.80%
7) Chloroethane-d5	1.919	69	20543	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.40%
11) 1,1-Dichloroethene-d2	2.578	63	61437	4.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.80%
20) 2-Butanone-d5	4.649	46	103424	53.10	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.20%
24) Chloroform-d	5.073	84	57935	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	5.713	65	37066	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
32) Benzene-d6	5.735	84	100669	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	6.700	67	33398	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.00%
41) Toluene-d8	7.906	98	103756	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
43) trans-1,3-Dichloroprop...	8.189	79	15134	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
46) 2-Hexanone-d5	8.642	63	74719	47.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.98%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	32192	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.80%
64) 1,2-Dichlorobenzene-d4	12.201	152	42239	4.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.80%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	39118	4.72	ug/L	100
3) Chloromethane	1.523	50	36320	4.63	ug/L	100
5) Vinyl chloride	1.607	62	36190	4.60	ug/L	100
6) Bromomethane	1.864	94	22093	5.09	ug/L	96
8) Chloroethane	1.941	64	23355	4.97	ug/L	95
9) Trichlorofluoromethane	2.144	101	66809	5.20	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	35668	5.28	ug/L	98
12) 1,1-Dichloroethene	2.588	96	30684	4.89	ug/L	88
13) Acetone	2.658	43	53721	35.79	ug/L	94
14) Carbon disulfide	2.800	76	89432	4.48	ug/L	98
15) Methyl Acetate	2.961	43	15005	4.02	ug/L	99
16) Methylene chloride	3.054	84	34006	4.53	ug/L	99
17) Methyl tert-butyl Ether	3.375	73	83908	4.76	ug/L	98
18) trans-1,2-Dichloroethene	3.363	96	31296	4.75	ug/L	98
19) 1,1-Dichloroethane	3.880	63	63690	5.01	ug/L	96
21) 2-Butanone	4.726	43	122443	47.99	ug/L	96
22) cis-1,2-Dichloroethene	4.678	96	34368	4.88	ug/L	95
23) Bromochloromethane	4.983	128	17396	5.19	ug/L	98
25) Chloroform	5.099	83	67284	5.04	ug/L	99
27) 1,2-Dichloroethane	5.803	62	49443	4.93	ug/L	97

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 ALS Vial : 2 Sample Multiplier: 1

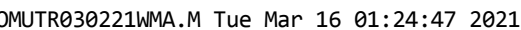
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00529

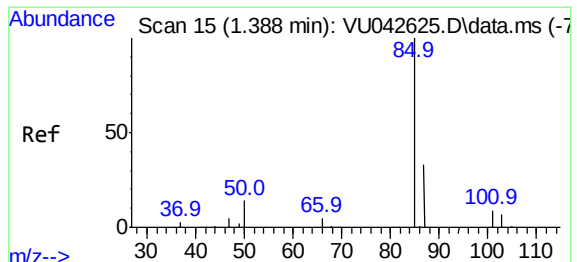
Quant Time: Mar 16 01:24:38 2021
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 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Mar 13 06:39:26 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	5.327	97	61533	4.98	ug/L	98
30) Cyclohexane	5.398	56	55241	4.47	ug/L	99
31) Carbon tetrachloride	5.536	117	52879	4.85	ug/L	97
33) Benzene	5.784	78	135092	4.86	ug/L	100
34) Trichloroethene	6.549	95	36776	4.77	ug/L	98
35) Methylcyclohexane	6.774	83	53815	4.59	ug/L	98
37) 1,2-Dichloropropane	6.800	63	37963	5.05	ug/L	98
38) Bromodichloromethane	7.115	83	49893	5.09	ug/L	99
39) cis-1,3-Dichloropropene	7.616	75	51891	4.74	ug/L	98
40) 4-Methyl-2-pentanone	7.803	43	329299	50.28	ug/L	96
42) Toluene	7.976	91	151260	4.98	ug/L	96
44) trans-1,3-Dichloropropene	8.221	75	50643	5.02	ug/L	98
45) 1,1,2-Trichloroethane	8.407	97	28576	5.16	ug/L	97
47) Tetrachloroethene	8.562	164	30464	4.84	ug/L	97
48) 2-Hexanone	8.697	43	246131	50.94	ug/L	97
49) Dibromochloromethane	8.819	129	35557	5.13	ug/L	96
50) 1,2-Dibromoethane	8.931	107	29045	5.32	ug/L	100
51) Chlorobenzene	9.456	112	94689	4.88	ug/L	99
52) Ethylbenzene	9.578	91	163508	4.78	ug/L	99
53) m,p-Xylene	9.700	106	61745	4.88	ug/L	98
54) o-Xylene	10.108	106	59445	4.85	ug/L	98
55) Styrene	10.121	104	104694	5.03	ug/L	100
56) Isopropylbenzene	10.491	105	164984	4.90	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.790	83	37145	5.01	ug/L	98
59) 1,2,3-Trichloropropane	10.832	75	29225	5.18	ug/L	97
61) Bromoform	10.298	173	22869	5.37	ug/L	99
62) 1,3-Dichlorobenzene	11.754	146	81432	5.00	ug/L	99
63) 1,4-Dichlorobenzene	11.845	146	82207	5.07	ug/L	98
65) 1,2-Dichlorobenzene	12.221	146	79338	5.06	ug/L	99
66) 1,2-Dibromo-3-chloropr...	13.005	75	6884	5.23	ug/L	88
67) 1,3,5-Trichlorobenzene	13.227	180	65257	4.63	ug/L	99
68) 1,2,4-trichlorobenzene	13.851	180	51902	4.44	ug/L	100
69) Naphthalene	14.095	128	80982	4.27	ug/L	98
70) 1,2,3-Trichlorobenzene	14.340	180	49607	4.68	ug/L	99

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

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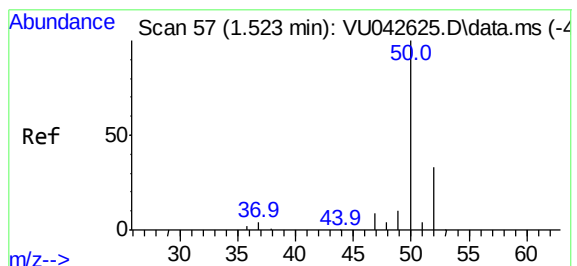
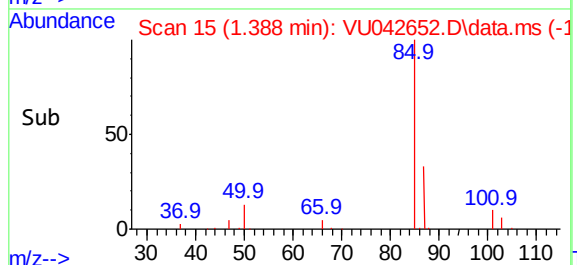
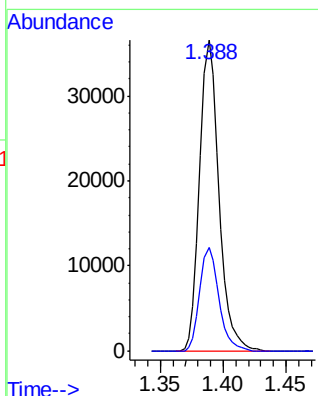
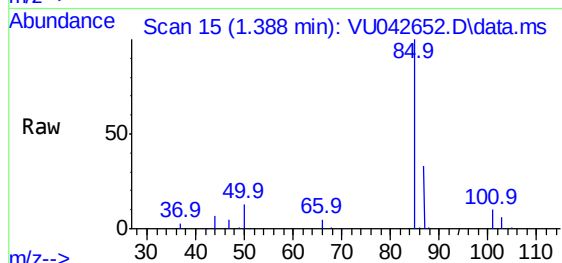




#2
Dichlorodifluoromethane
Concen: 4.72 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU042652.D
Acq: 15 Mar 2021 09:34

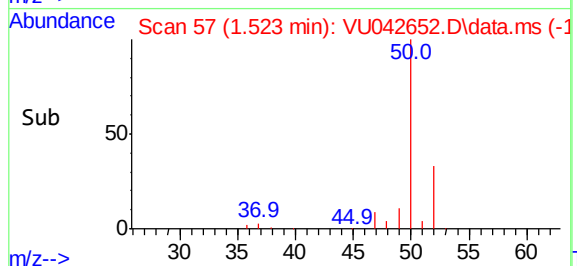
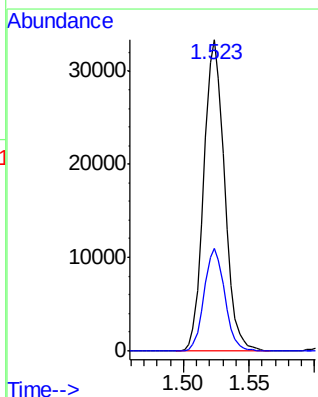
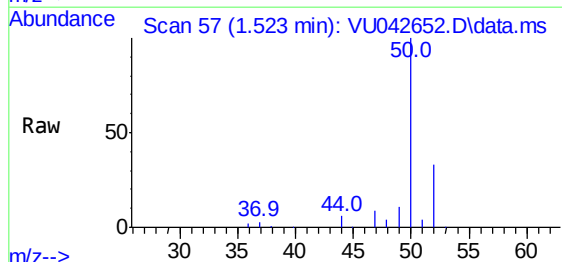
Instrument :
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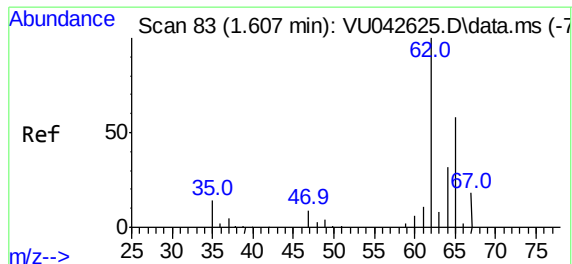
Tgt Ion: 85 Resp: 39118
Ion Ratio Lower Upper
85 100
87 32.9 26.1 39.1



#3
Chloromethane
Concen: 4.63 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042652.D
Acq: 15 Mar 2021 09:34

Tgt Ion: 50 Resp: 36320
Ion Ratio Lower Upper
50 100
52 32.9 23.0 42.8

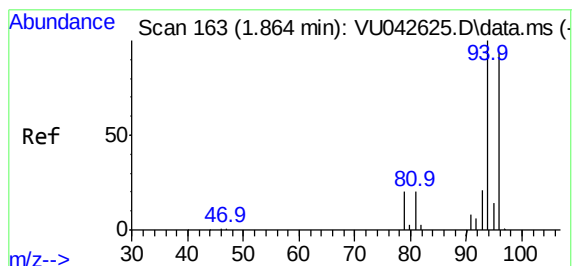
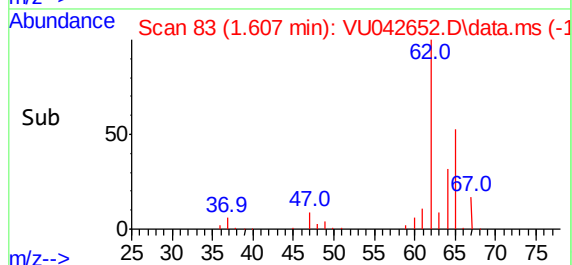
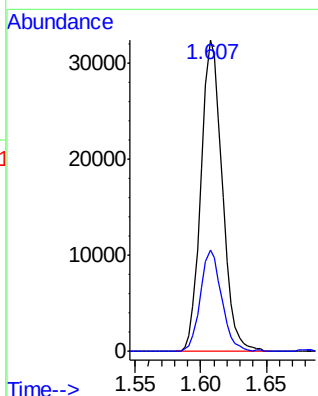
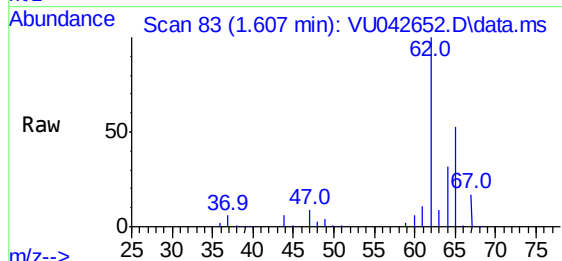




#5
 Vinyl chloride
 Concen: 4.60 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU042652.D
 Acq: 15 Mar 2021 09:34

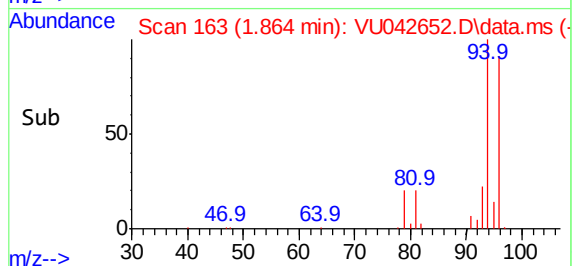
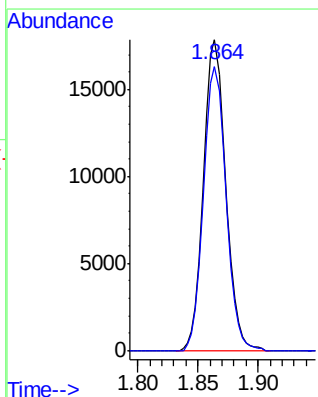
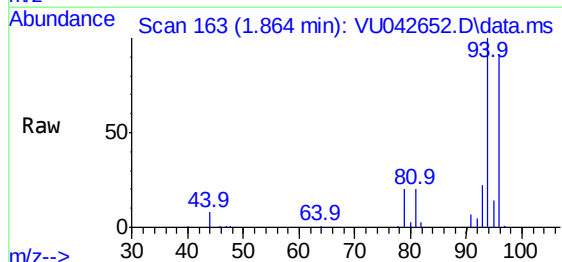
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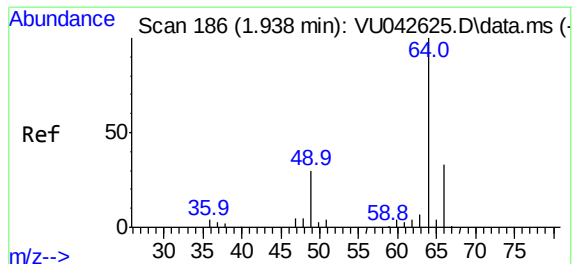
Tgt Ion: 62 Resp: 36190
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.7 42.1



#6
 Bromomethane
 Concen: 5.09 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. -0.000 min
 Lab File: VU042652.D
 Acq: 15 Mar 2021 09:34

Tgt Ion: 94 Resp: 22093
 Ion Ratio Lower Upper
 94 100
 96 91.5 66.5 123.5

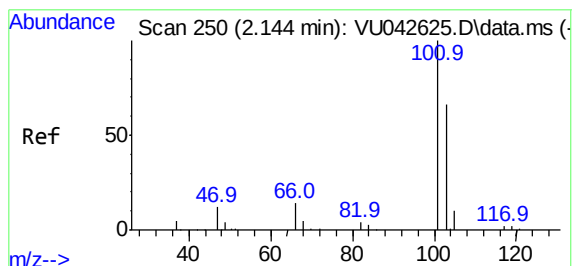
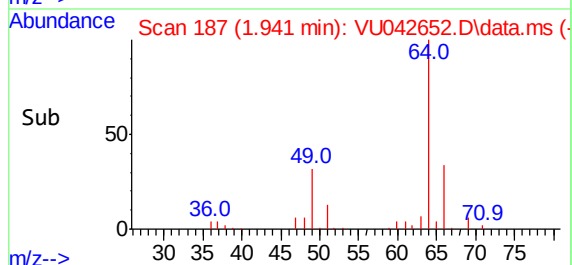
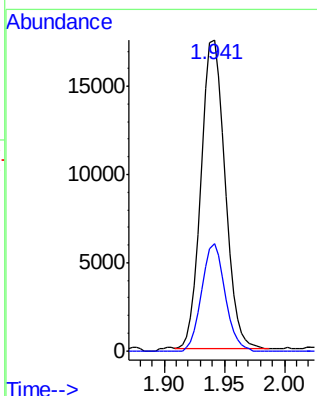
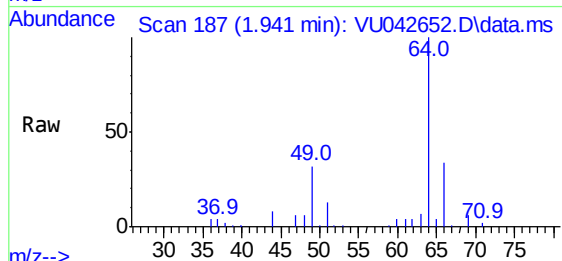




#8
Chloroethane
Concen: 4.97 ug/L
RT: 1.941 min Scan# 187
Delta R.T. 0.003 min
Lab File: VU042652.D
Acq: 15 Mar 2021 09:34

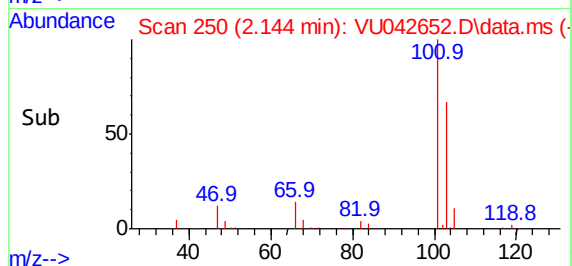
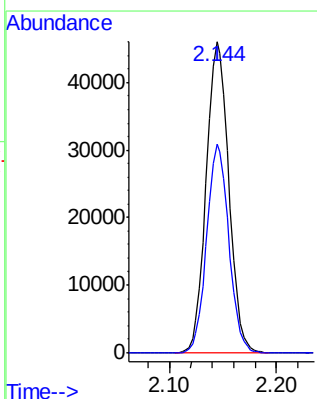
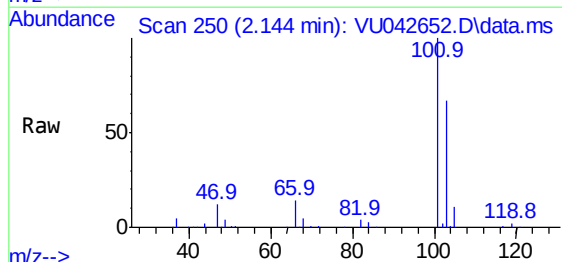
Instrument :
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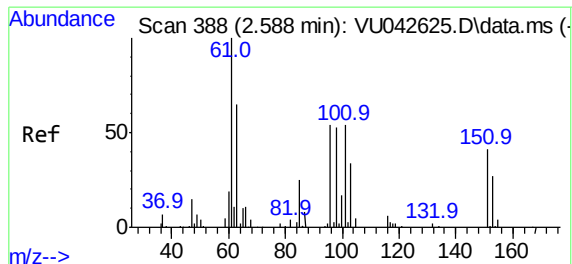
Tgt Ion: 64 Resp: 23355
Ion Ratio Lower Upper
64 100
66 34.4 22.2 41.2



#9
Trichlorofluoromethane
Concen: 5.20 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU042652.D
Acq: 15 Mar 2021 09:34

Tgt Ion:101 Resp: 66809
Ion Ratio Lower Upper
101 100
103 65.5 51.8 77.8

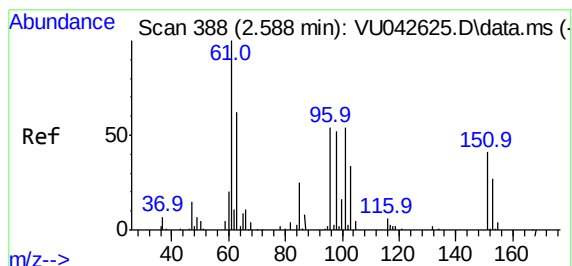
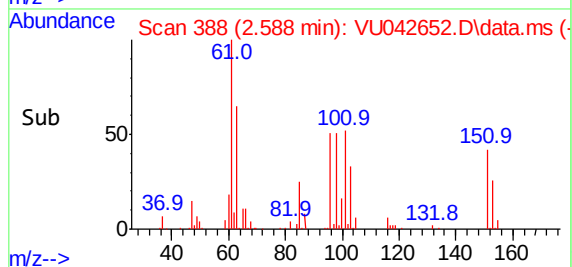
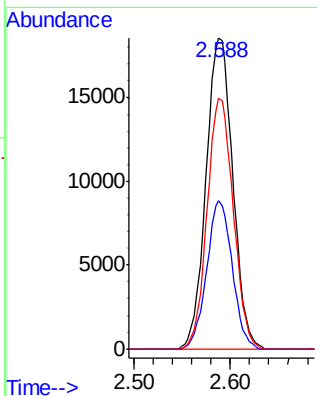
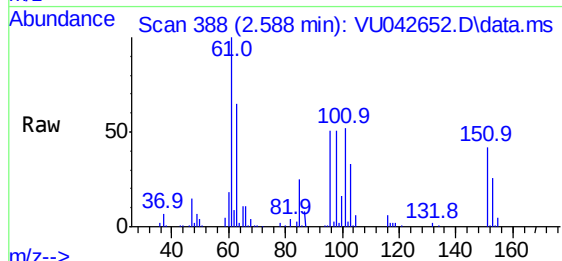




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.28 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU042652.D
 Acq: 15 Mar 2021 09:34

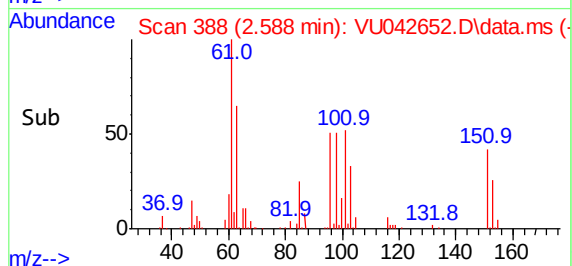
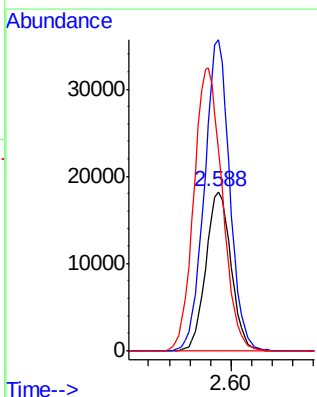
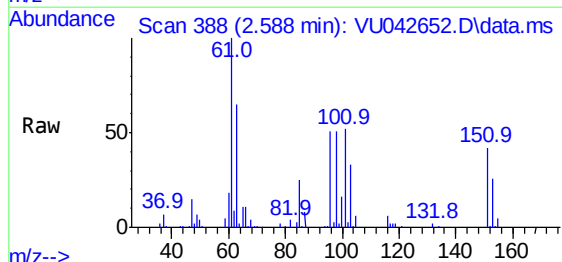
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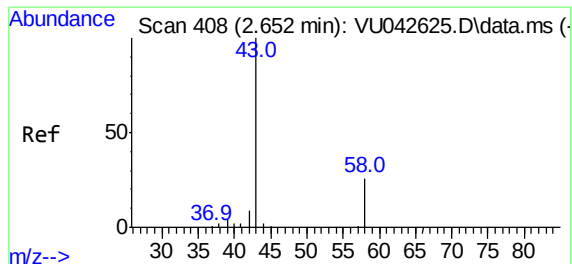
Tgt Ion:101 Resp: 35668
 Ion Ratio Lower Upper
 101 100
 85 45.3 34.6 51.8
 151 78.9 62.7 94.1



#12
 1,1-Dichloroethene
 Concen: 4.89 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU042652.D
 Acq: 15 Mar 2021 09:34

Tgt Ion: 96 Resp: 30684
 Ion Ratio Lower Upper
 96 100
 61 196.0 126.2 234.4
 63 126.8 77.8 144.4

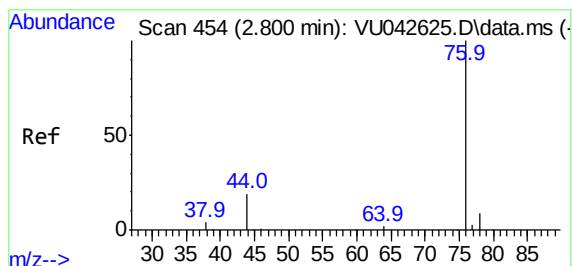
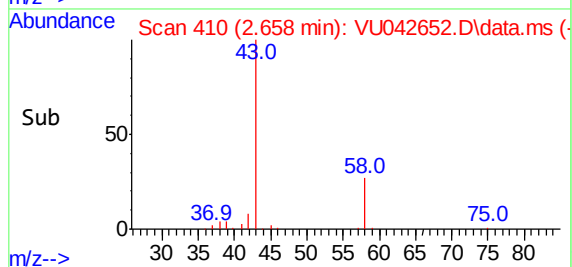
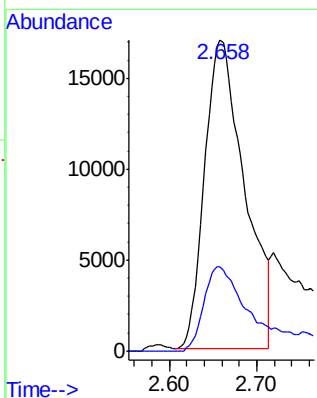
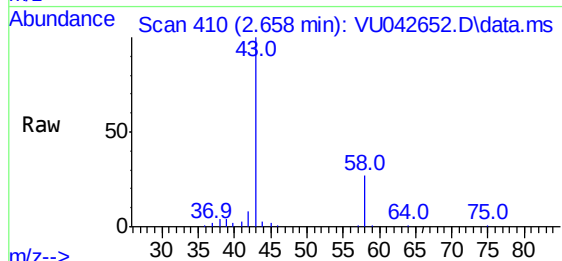




#13
Acetone
Concen: 35.79 ug/L
RT: 2.658 min Scan# 410
Delta R.T. 0.006 min
Lab File: VU042652.D
Acq: 15 Mar 2021 09:34

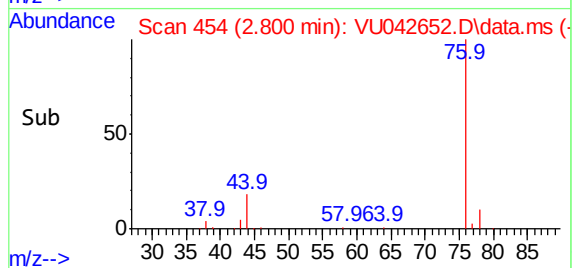
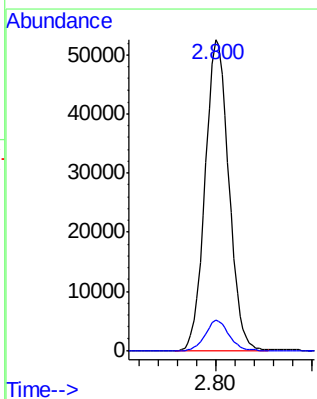
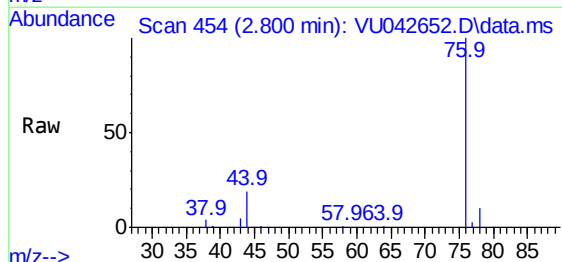
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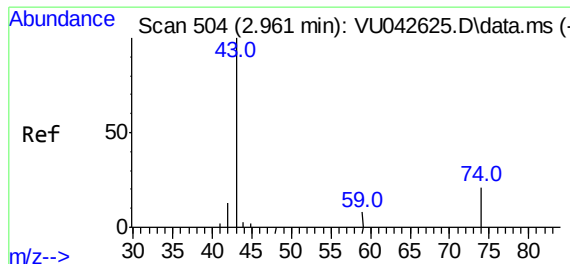
Tgt Ion: 43 Resp: 53721
Ion Ratio Lower Upper
43 100
58 31.2 0.0 55.8



#14
Carbon disulfide
Concen: 4.48 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
Lab File: VU042652.D
Acq: 15 Mar 2021 09:34

Tgt Ion: 76 Resp: 89432
Ion Ratio Lower Upper
76 100
78 9.7 7.3 10.9

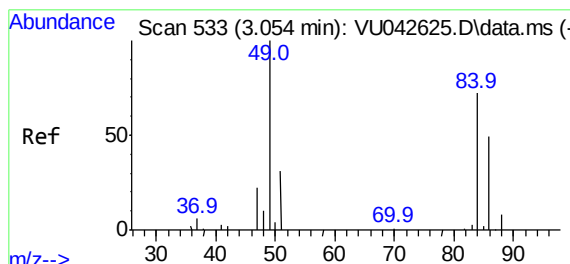
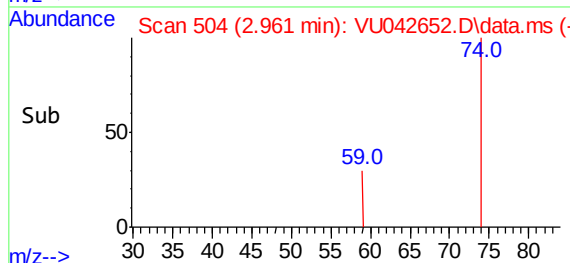
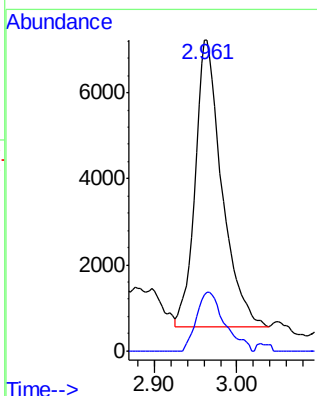
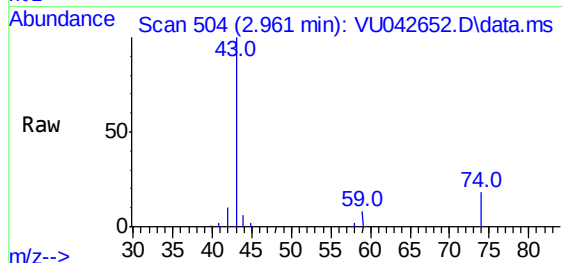




#15
Methyl Acetate
Concen: 4.02 ug/L
RT: 2.961 min Scan# 504
Delta R.T. -0.000 min
Lab File: VU042652.D
Acq: 15 Mar 2021 09:34

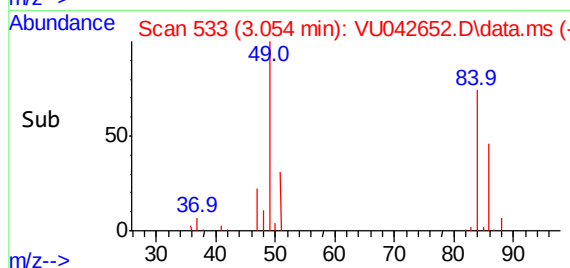
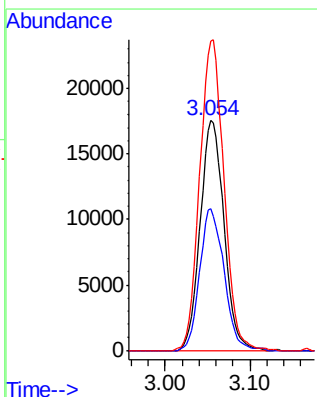
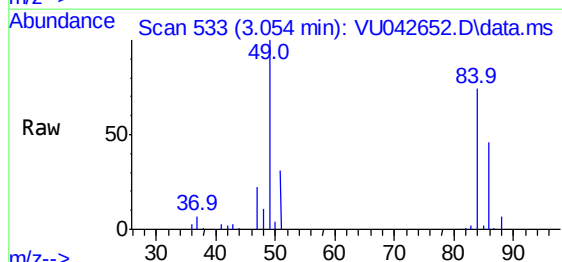
Instrument :
MSVOA_U
ClientSampleId :
VSTD00529

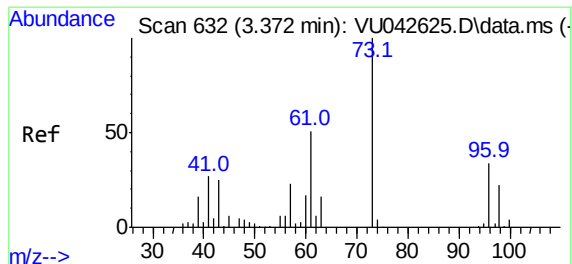
Tgt Ion: 43 Resp: 15005
Ion Ratio Lower Upper
43 100
74 21.5 16.9 25.3



#16
Methylene chloride
Concen: 4.53 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU042652.D
Acq: 15 Mar 2021 09:34

Tgt Ion: 84 Resp: 34006
Ion Ratio Lower Upper
84 100
86 61.4 44.1 81.9
49 134.3 95.0 176.4

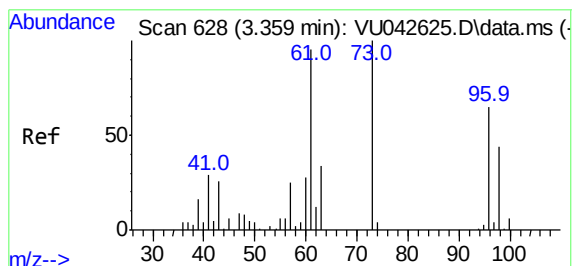
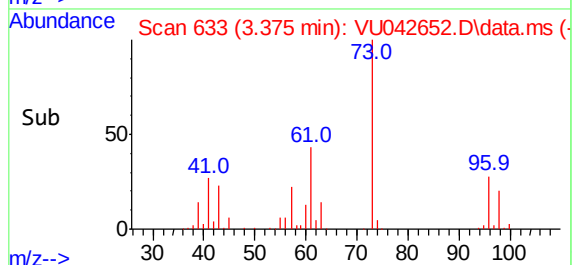
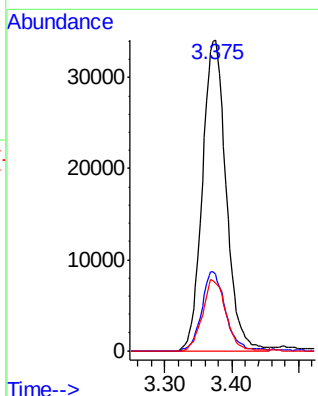
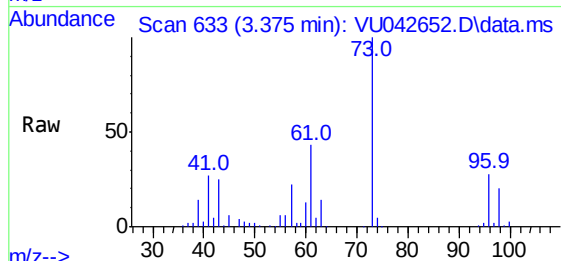




#17
Methyl tert-butyl Ether
Concen: 4.76 ug/L
RT: 3.375 min Scan# 633
Delta R.T. 0.003 min
Lab File: VU042652.D
Acq: 15 Mar 2021 09:34

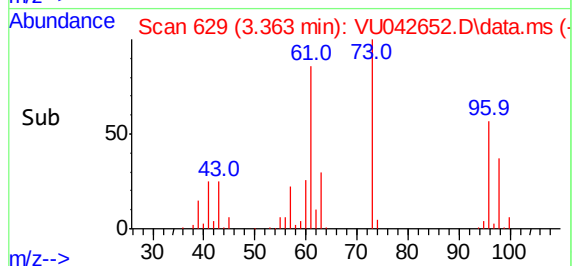
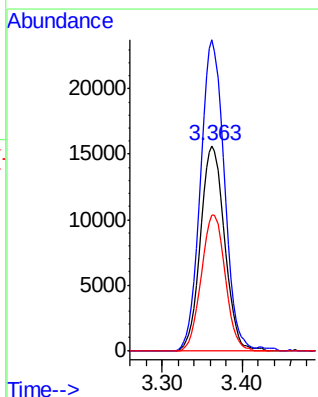
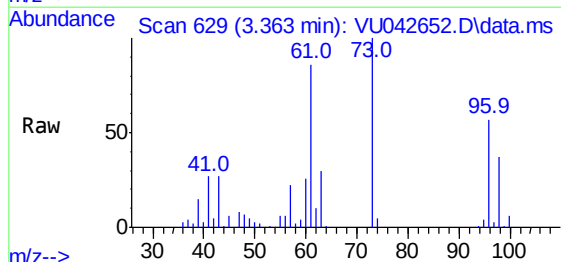
Instrument :
MSVOA_U
ClientSampleId :
VSTD00529

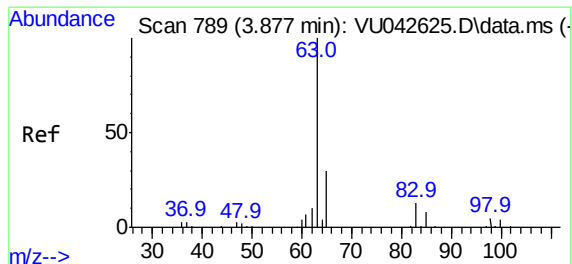
Tgt Ion: 73 Resp: 83908
Ion Ratio Lower Upper
73 100
43 25.3 18.9 28.3
57 22.7 18.2 27.4



#18
trans-1,2-Dichloroethene
Concen: 4.75 ug/L
RT: 3.363 min Scan# 629
Delta R.T. 0.003 min
Lab File: VU042652.D
Acq: 15 Mar 2021 09:34

Tgt Ion: 96 Resp: 31296
Ion Ratio Lower Upper
96 100
61 151.8 105.7 196.3
98 66.0 42.8 79.6

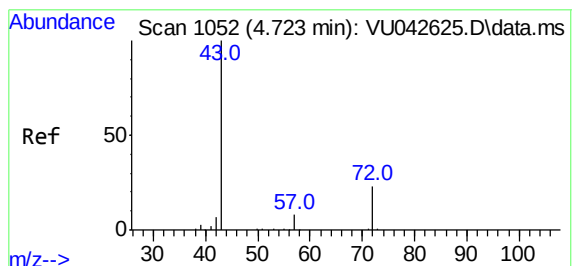
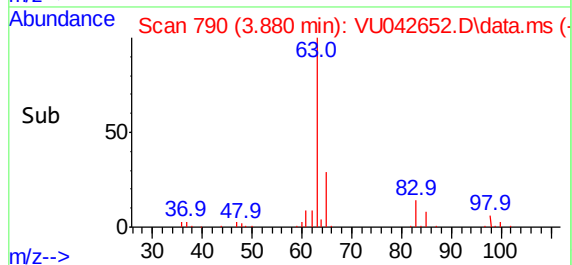
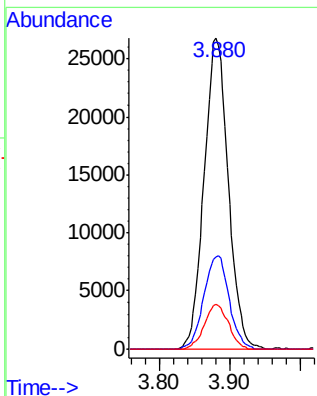
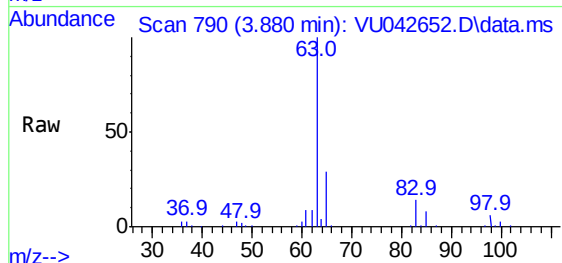




#19
1,1-Dichloroethane
Concen: 5.01 ug/L
RT: 3.880 min Scan# 790
Delta R.T. 0.003 min
Lab File: VU042652.D
Acq: 15 Mar 2021 09:34

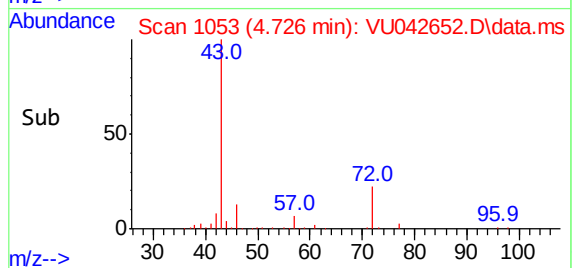
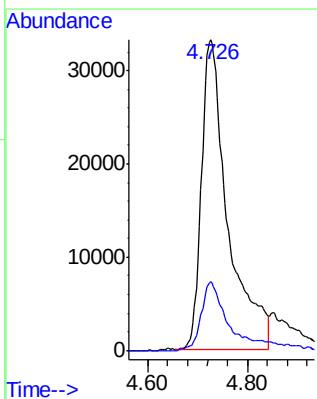
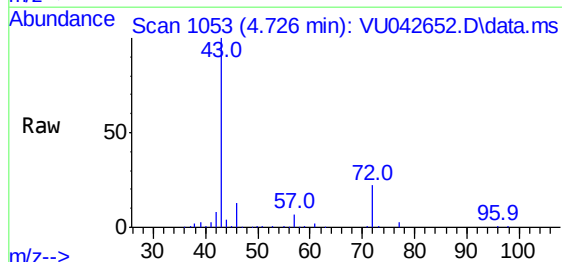
Instrument :
MSVOA_U
ClientSampleId :
VSTD00529

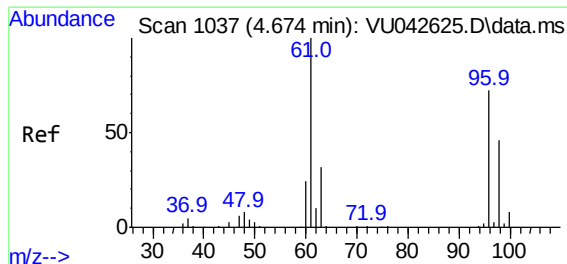
Tgt Ion: 63 Resp: 63690
Ion Ratio Lower Upper
63 100
65 29.4 22.5 41.9
83 14.2 10.1 18.7



#21
2-Butanone
Concen: 47.99 ug/L
RT: 4.726 min Scan# 1053
Delta R.T. 0.003 min
Lab File: VU042652.D
Acq: 15 Mar 2021 09:34

Tgt Ion: 43 Resp: 122443
Ion Ratio Lower Upper
43 100
72 21.4 11.7 35.1



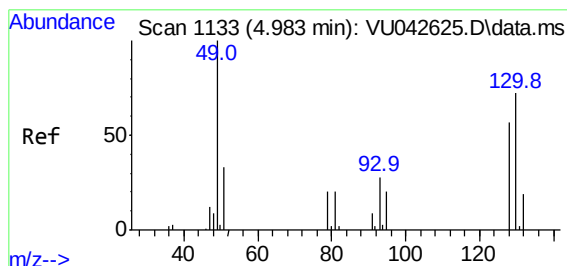
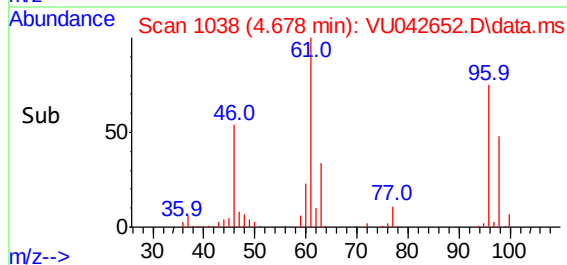
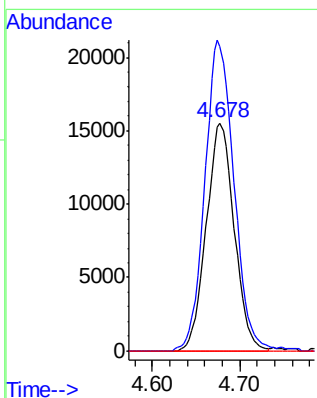
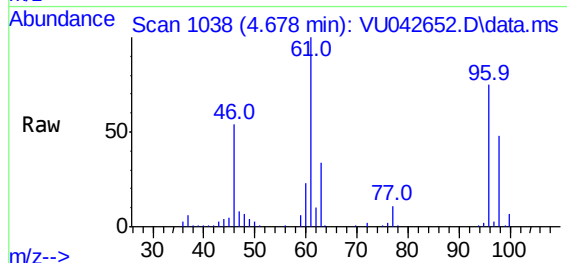


#22
 cis-1,2-Dichloroethene
 Concen: 4.88 ug/L
 RT: 4.678 min Scan# 1038
 Delta R.T. 0.003 min
 Lab File: VU042652.D
 Acq: 15 Mar 2021 09:34

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00529

Tgt Ion: 96 Resp: 34368

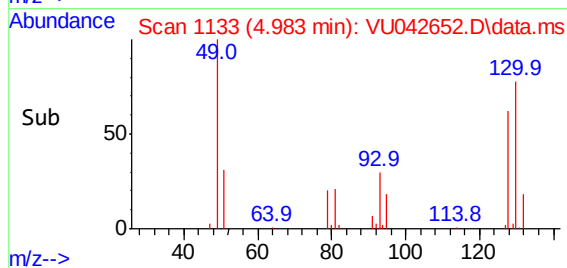
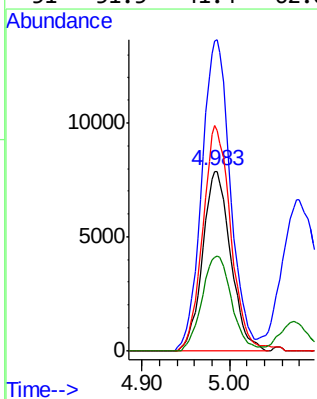
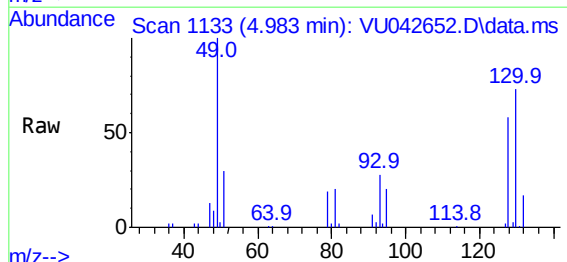
Ion	Ratio	Lower	Upper
96	100		
61	133.7	97.8	181.6
68	0.0	0.0	0.0

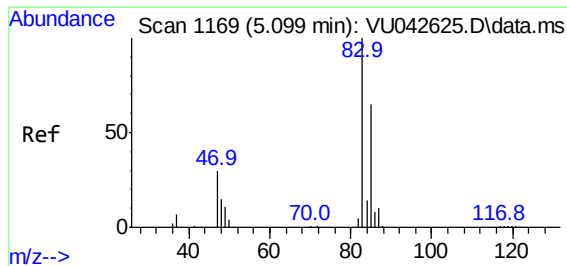


#23
 Bromochloromethane
 Concen: 5.19 ug/L
 RT: 4.983 min Scan# 1133
 Delta R.T. -0.000 min
 Lab File: VU042652.D
 Acq: 15 Mar 2021 09:34

Tgt Ion: 128 Resp: 17396

Ion	Ratio	Lower	Upper
128	100		
49	172.6	117.7	218.7
130	125.6	87.9	163.3
51	51.5	41.4	62.0

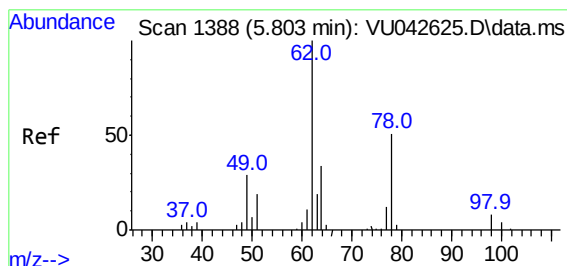
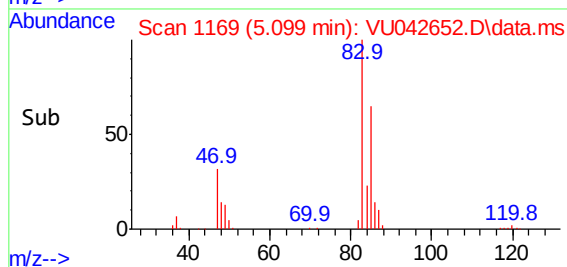
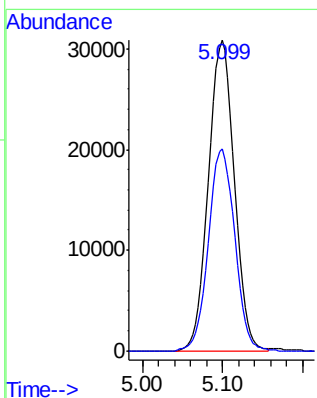
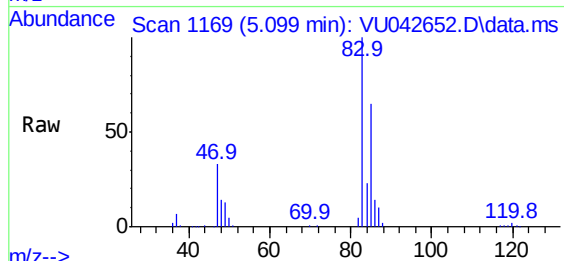




#25
Chloroform
Concen: 5.04 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU042652.D
Acq: 15 Mar 2021 09:34

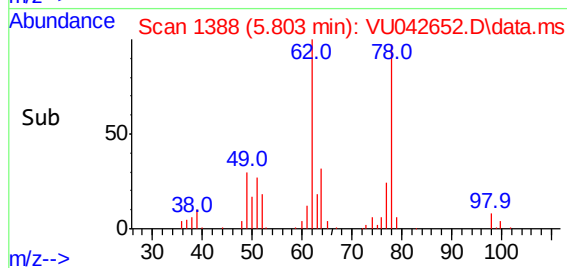
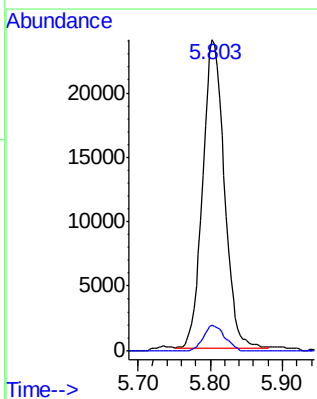
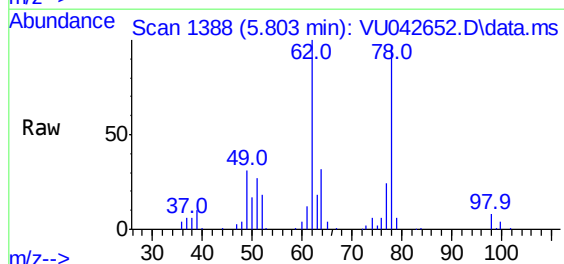
Instrument :
MSVOA_U
ClientSampleId :
VSTD00529

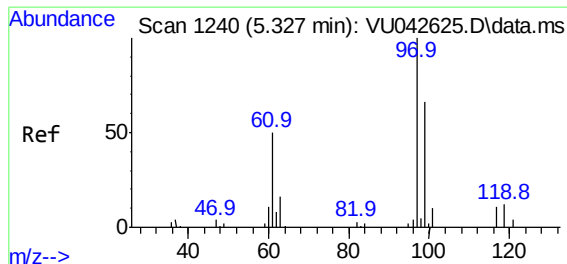
Tgt Ion: 83 Resp: 67284
Ion Ratio Lower Upper
83 100
85 64.9 45.7 84.9



#27
1,2-Dichloroethane
Concen: 4.93 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VU042652.D
Acq: 15 Mar 2021 09:34

Tgt Ion: 62 Resp: 49443
Ion Ratio Lower Upper
62 100
98 8.0 7.3 10.9

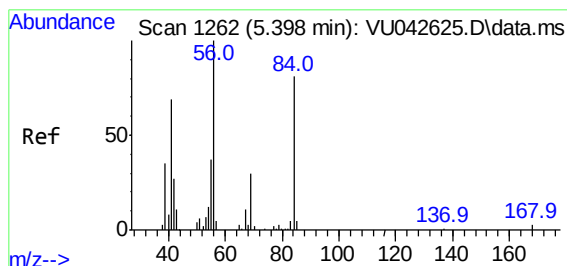
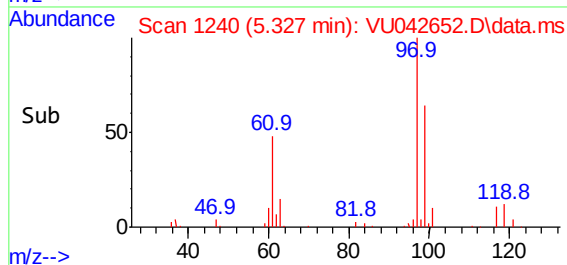
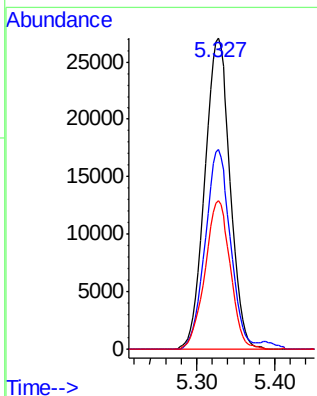
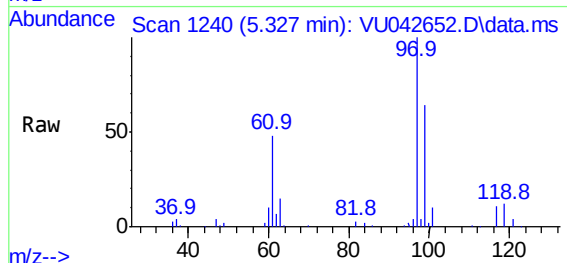




#29
1,1,1-Trichloroethane
Concen: 4.98 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VU042652.D
Acq: 15 Mar 2021 09:34

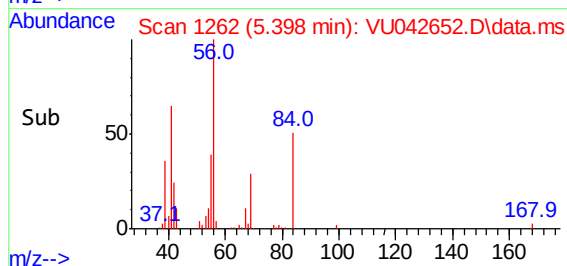
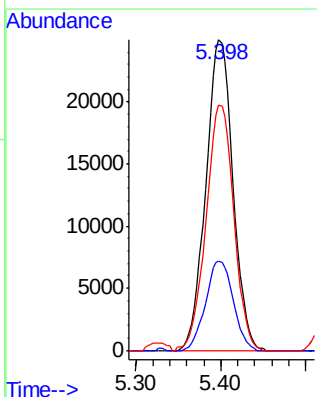
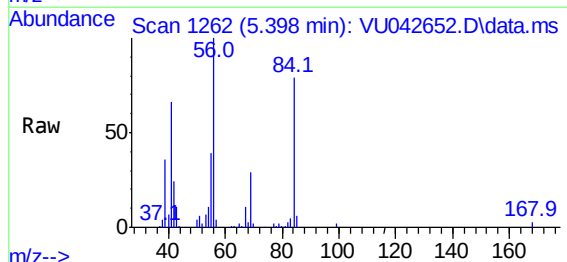
Instrument :
MSVOA_U
ClientSampleId :
VSTD00529

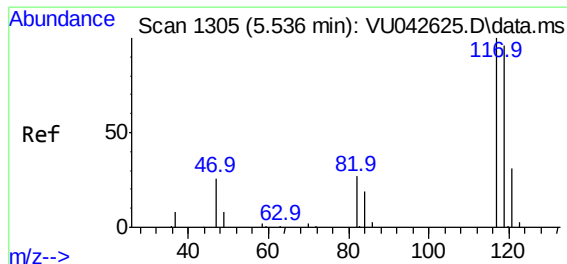
Tgt Ion: 97 Resp: 61533
Ion Ratio Lower Upper
97 100
99 64.1 50.8 76.2
61 47.7 35.8 53.6



#30
Cyclohexane
Concen: 4.47 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VU042652.D
Acq: 15 Mar 2021 09:34

Tgt Ion: 56 Resp: 55241
Ion Ratio Lower Upper
56 100
69 29.2 23.7 35.5
84 80.8 65.3 97.9

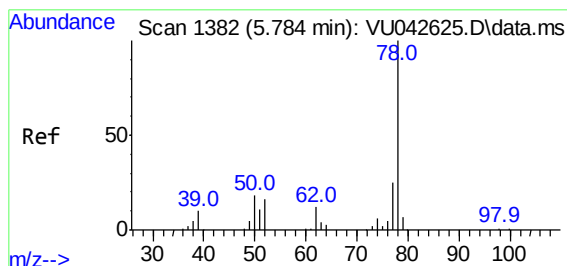
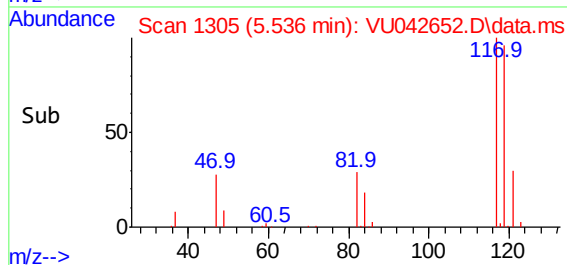
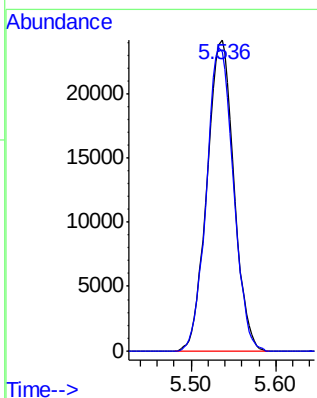
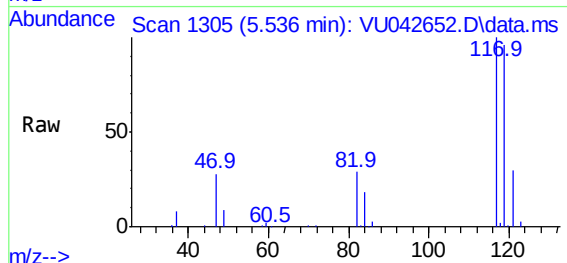




#31
Carbon tetrachloride
Concen: 4.85 ug/L
RT: 5.536 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VU042652.D
Acq: 15 Mar 2021 09:34

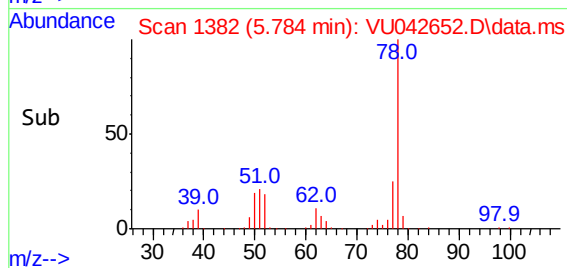
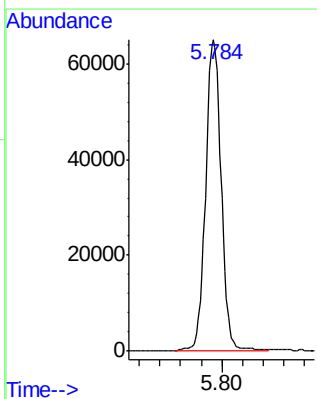
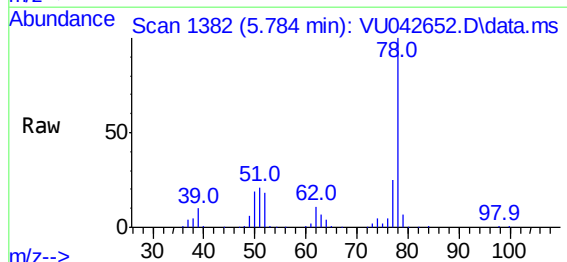
Instrument :
MSVOA_U
ClientSampleId :
VSTD00529

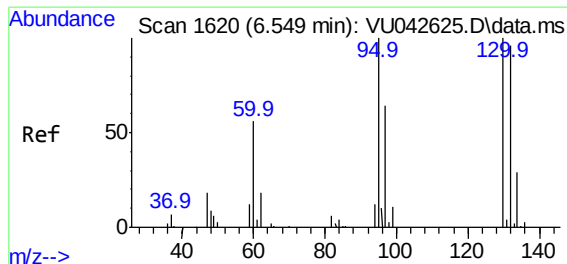
Tgt Ion:117 Resp: 52879
Ion Ratio Lower Upper
117 100
119 97.8 76.2 114.4



#33
Benzene
Concen: 4.86 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VU042652.D
Acq: 15 Mar 2021 09:34

Tgt Ion: 78 Resp: 135092



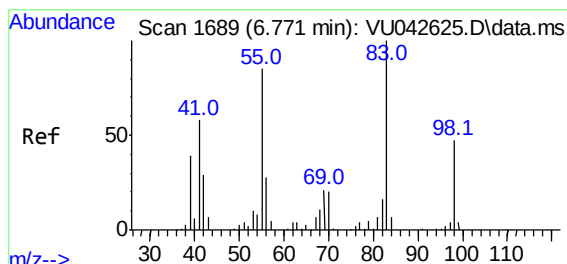
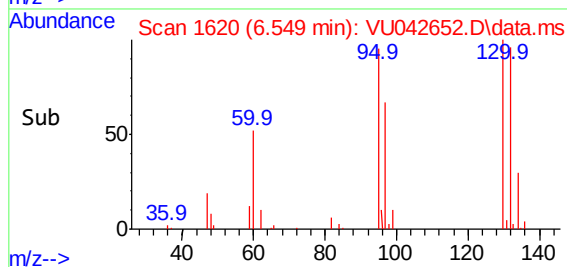
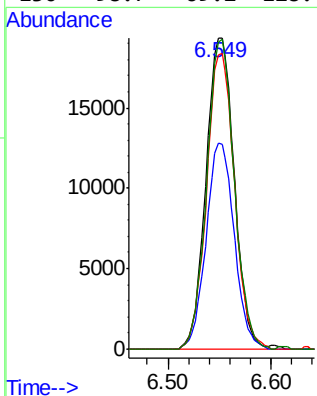
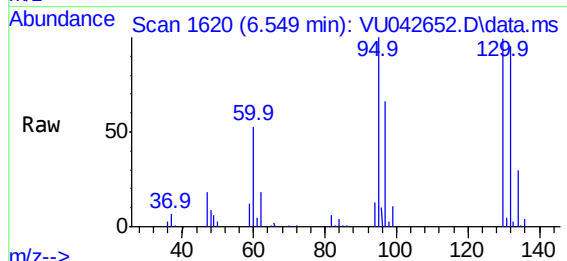


#34
Trichloroethene
Concen: 4.77 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VU042652.D
Acq: 15 Mar 2021 09:34

Instrument :
MSVOA_U
ClientSampleId :
VSTD00529

Tgt Ion: 95 Resp: 36776

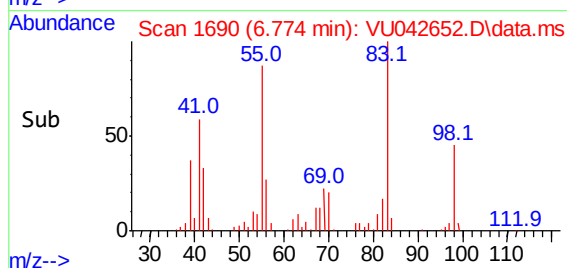
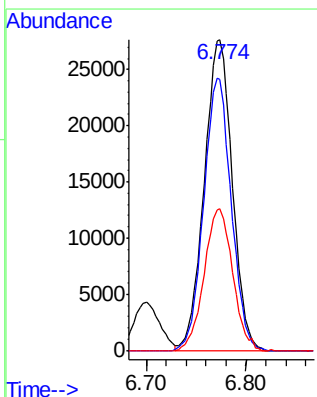
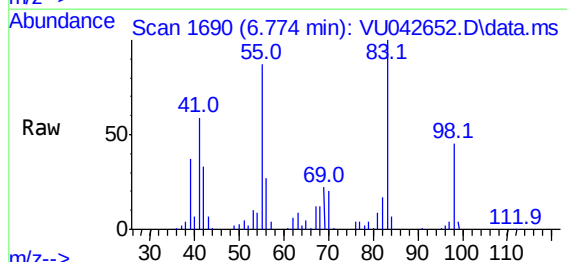
Ion	Ratio	Lower	Upper
95	100		
97	66.2	44.4	82.4
132	94.6	68.0	126.4
130	98.7	69.2	128.4

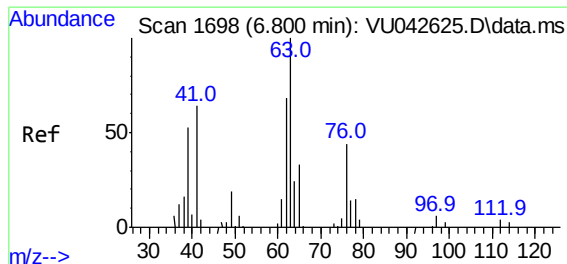


#35
Methylcyclohexane
Concen: 4.59 ug/L
RT: 6.774 min Scan# 1690
Delta R.T. 0.003 min
Lab File: VU042652.D
Acq: 15 Mar 2021 09:34

Tgt Ion: 83 Resp: 53815

Ion	Ratio	Lower	Upper
83	100		
55	86.3	68.2	102.4
98	46.3	39.7	59.5

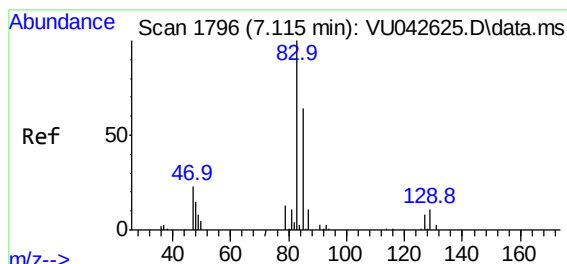
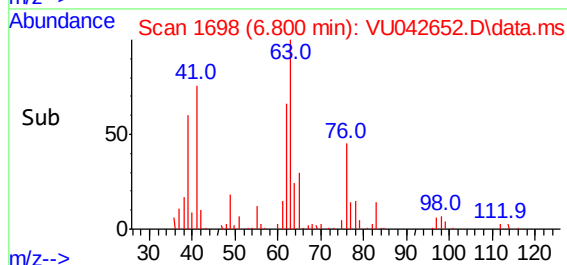
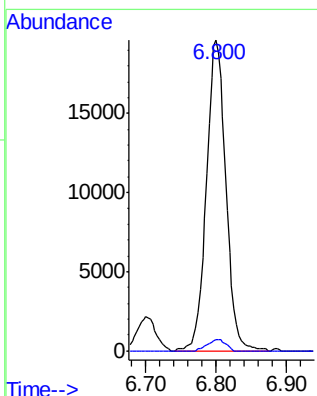
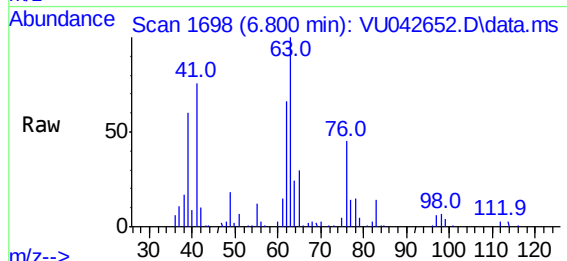




#37
1,2-Dichloropropane
Concen: 5.05 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VU042652.D
Acq: 15 Mar 2021 09:34

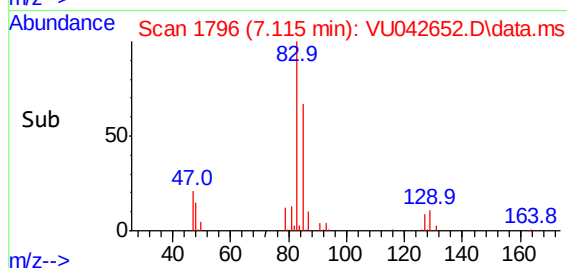
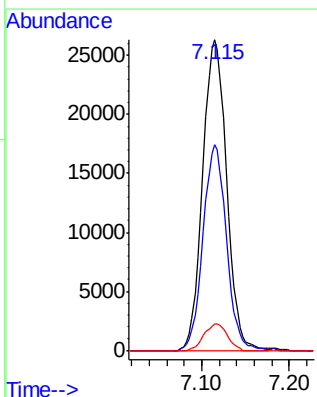
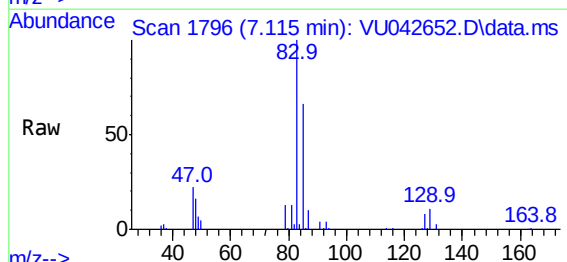
Instrument :
MSVOA_U
ClientSampleId :
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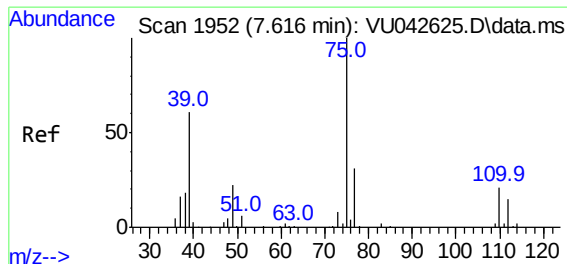
Tgt Ion: 63 Resp: 37963
Ion Ratio Lower Upper
63 100
112 3.4 3.4 5.0



#38
Bromodichloromethane
Concen: 5.09 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VU042652.D
Acq: 15 Mar 2021 09:34

Tgt Ion: 83 Resp: 49893
Ion Ratio Lower Upper
83 100
85 66.3 46.0 85.4
127 8.5 6.8 10.2

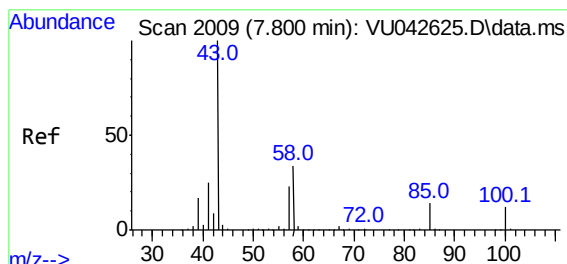
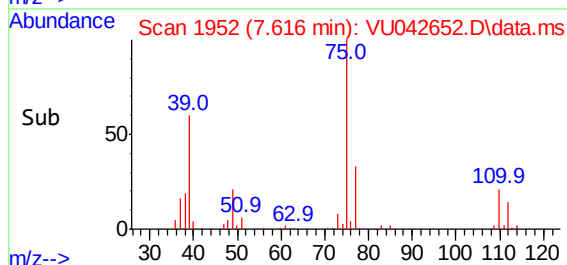
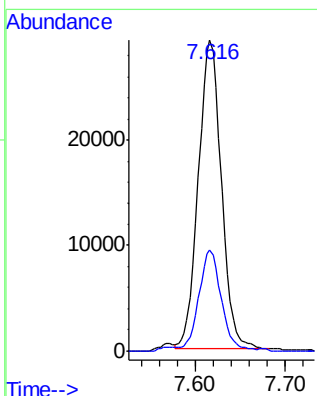
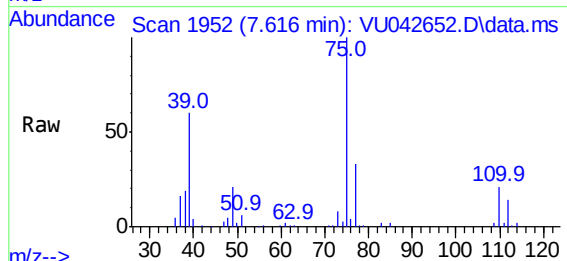




#39
 cis-1,3-Dichloropropene
 Concen: 4.74 ug/L
 RT: 7.616 min Scan# 1952
 Delta R.T. -0.000 min
 Lab File: VU042652.D
 Acq: 15 Mar 2021 09:34

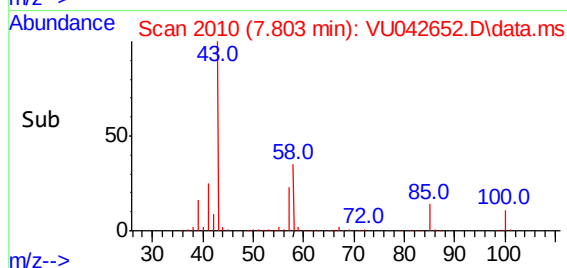
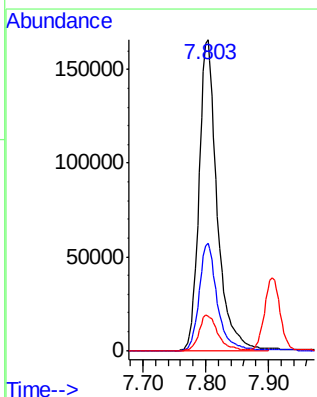
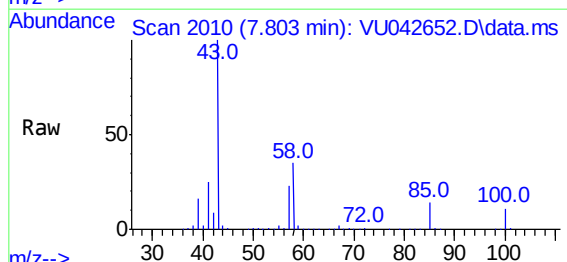
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00529

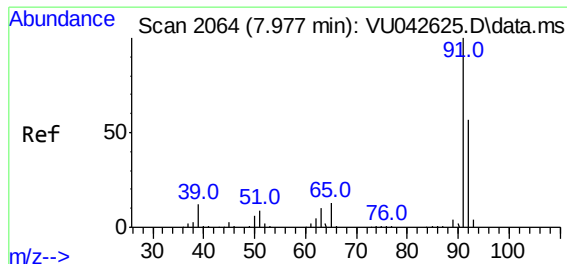
Tgt Ion: 75 Resp: 51891
 Ion Ratio Lower Upper
 75 100
 77 32.6 22.0 40.8



#40
 4-Methyl-2-pentanone
 Concen: 50.28 ug/L
 RT: 7.803 min Scan# 2010
 Delta R.T. 0.003 min
 Lab File: VU042652.D
 Acq: 15 Mar 2021 09:34

Tgt Ion: 43 Resp: 329299
 Ion Ratio Lower Upper
 43 100
 58 34.4 29.1 43.7
 100 11.8 11.0 16.4

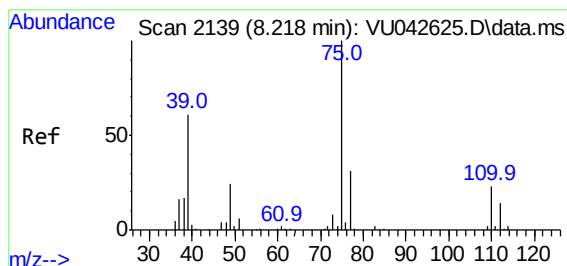
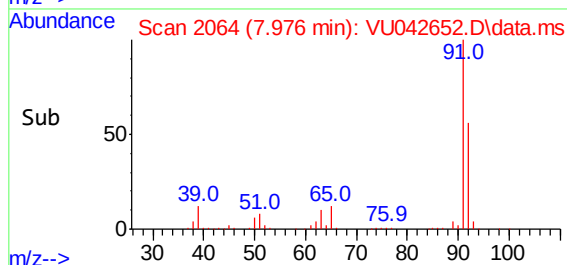
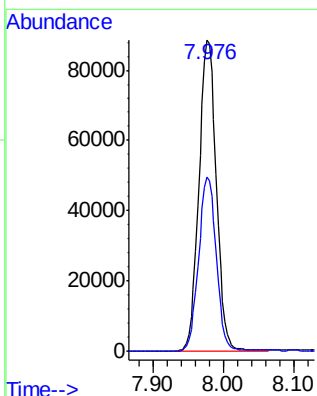
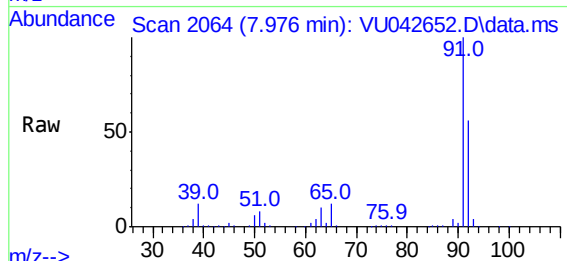




#42
Toluene
Concen: 4.98 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU042652.D
Acq: 15 Mar 2021 09:34

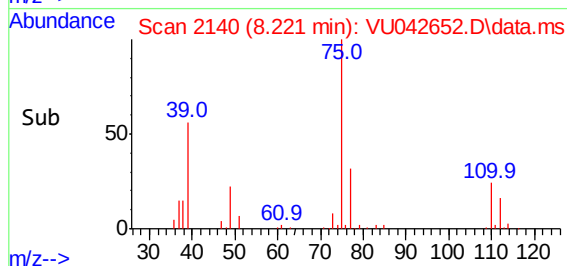
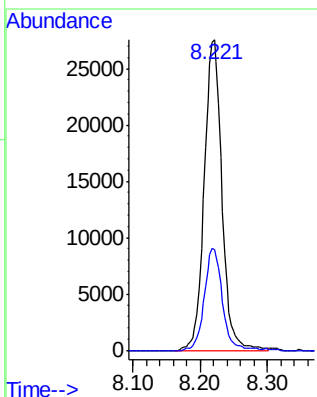
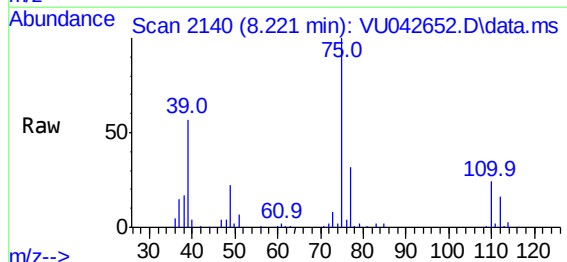
Instrument :
MSVOA_U
ClientSampleId :
VSTD00529

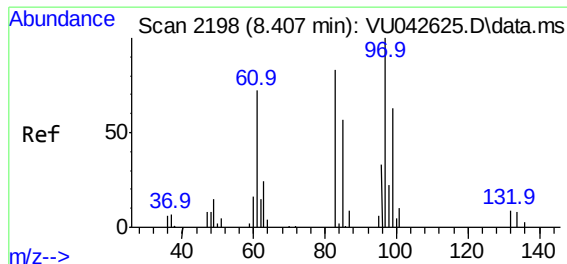
Tgt Ion: 91 Resp: 151260
Ion Ratio Lower Upper
91 100
92 56.1 41.2 76.6



#44
trans-1,3-Dichloropropene
Concen: 5.02 ug/L
RT: 8.221 min Scan# 2140
Delta R.T. 0.003 min
Lab File: VU042652.D
Acq: 15 Mar 2021 09:34

Tgt Ion: 75 Resp: 50643
Ion Ratio Lower Upper
75 100
77 32.4 21.8 40.4

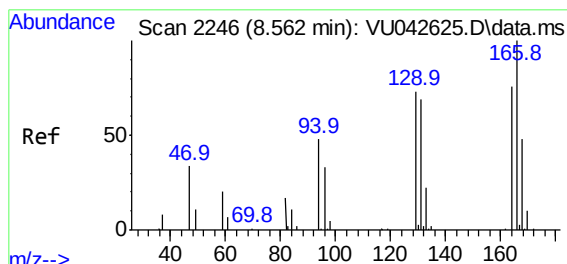
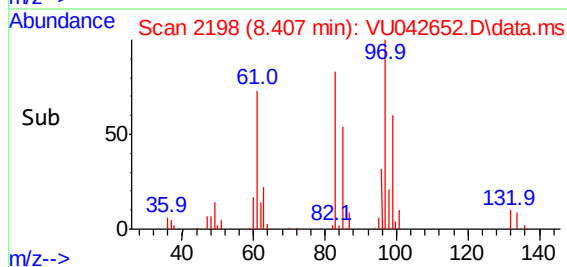
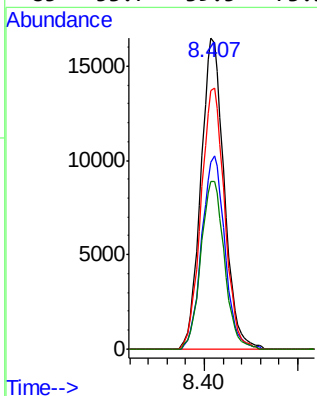
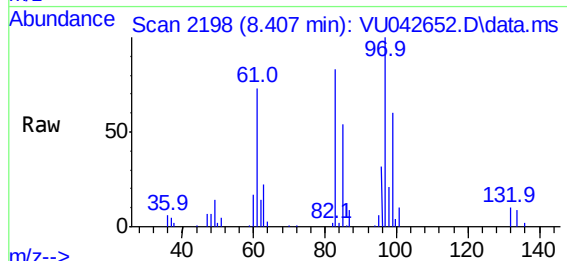




#45
1,1,2-Trichloroethane
Concen: 5.16 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. -0.000 min
Lab File: VU042652.D
Acq: 15 Mar 2021 09:34

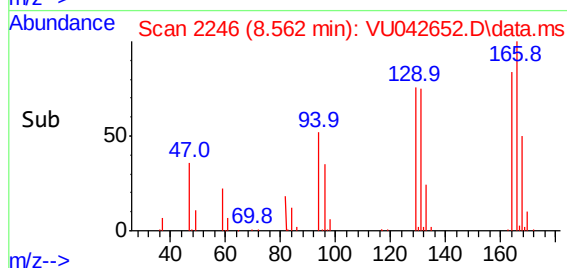
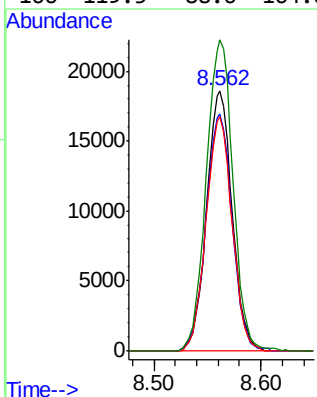
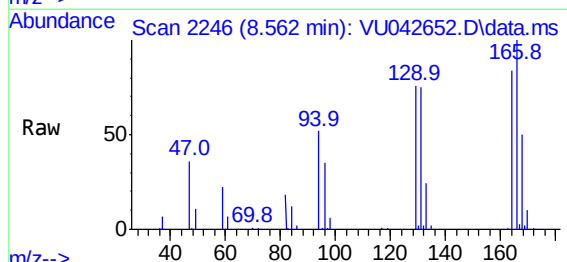
Instrument :
MSVOA_U
ClientSampleId :
VSTD00529

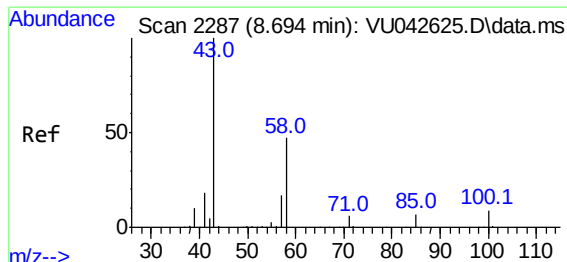
Tgt Ion:	97	Resp:	28576
Ion	Ratio	Lower	Upper
97	100		
99	59.9	44.0	81.8
83	83.1	57.6	107.0
85	53.7	39.5	73.3



#47
Tetrachloroethene
Concen: 4.84 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU042652.D
Acq: 15 Mar 2021 09:34

Tgt Ion:	164	Resp:	30464
Ion	Ratio	Lower	Upper
164	100		
129	90.9	64.3	119.5
131	90.0	62.2	115.6
166	119.5	88.6	164.6



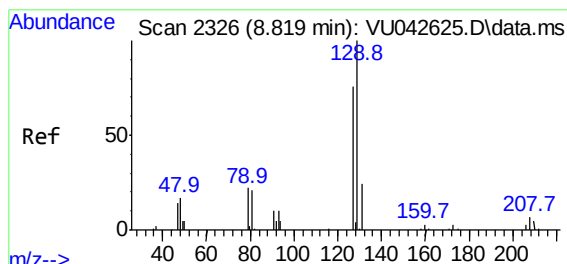
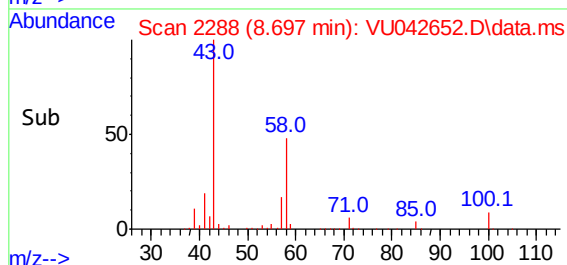
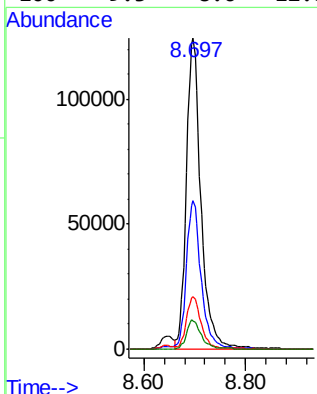
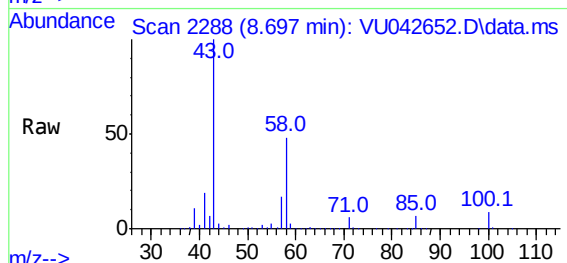


#48
2-Hexanone
Concen: 50.94 ug/L
RT: 8.697 min Scan# 2288
Delta R.T. 0.003 min
Lab File: VU042652.D
Acq: 15 Mar 2021 09:34

Instrument :
MSVOA_U
ClientSampleId :
VSTD00529

Tgt Ion: 43 Resp: 246131

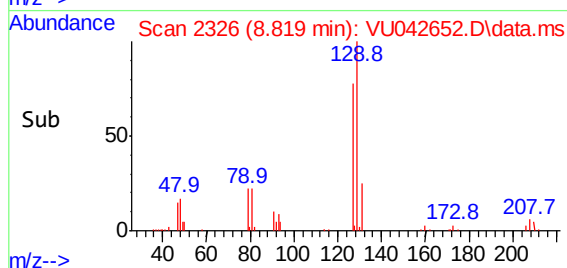
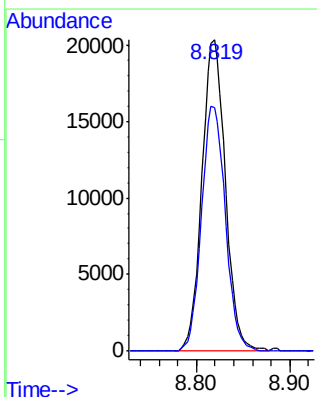
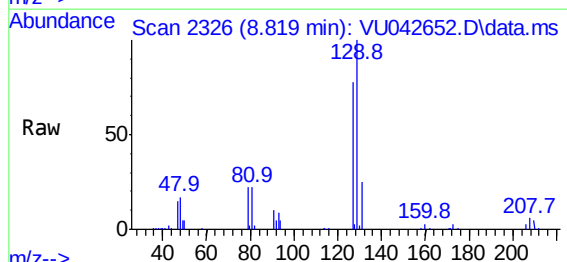
Ion	Ratio	Lower	Upper
43	100		
58	48.4	40.6	61.0
57	17.1	14.9	22.3
100	9.3	8.6	12.8

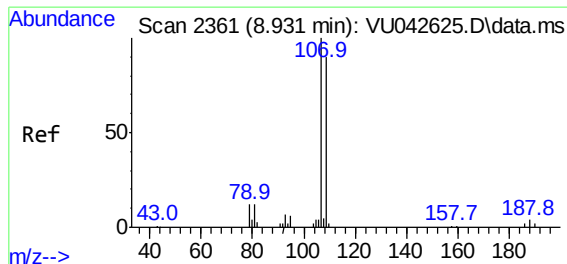


#49
Dibromochloromethane
Concen: 5.13 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VU042652.D
Acq: 15 Mar 2021 09:34

Tgt Ion: 129 Resp: 35557

Ion	Ratio	Lower	Upper
129	100		
127	78.0	52.3	97.1

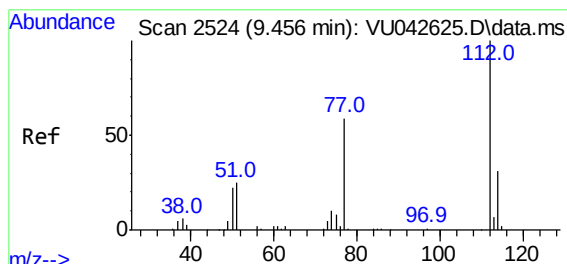
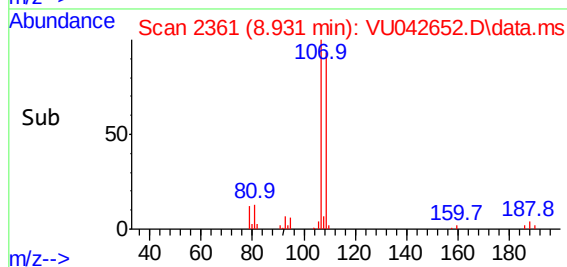
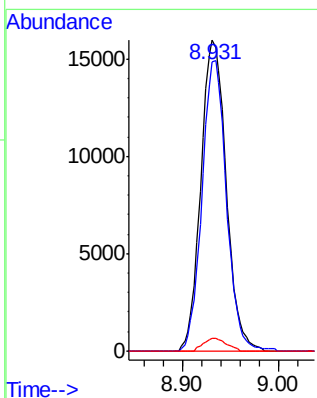
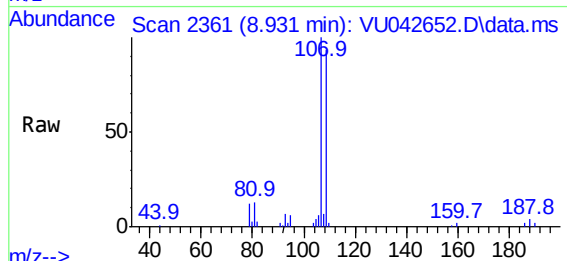




#50
1,2-Dibromoethane
Concen: 5.32 ug/L
RT: 8.931 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VU042652.D
Acq: 15 Mar 2021 09:34

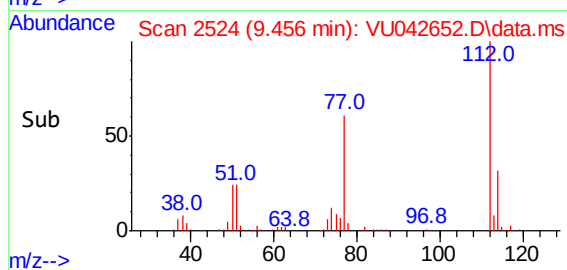
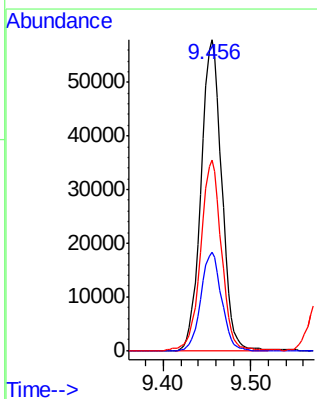
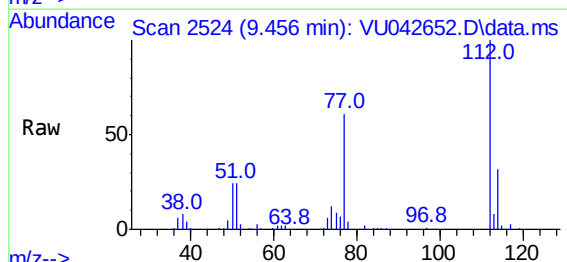
Instrument :
MSVOA_U
ClientSampleId :
VSTD00529

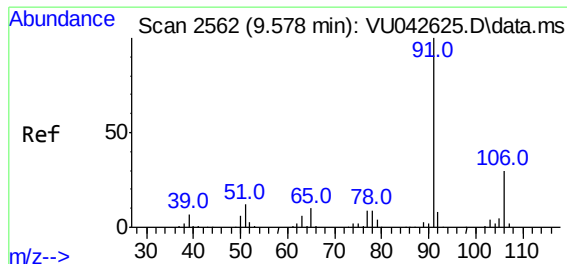
Tgt Ion:107 Resp: 29045
Ion Ratio Lower Upper
107 100
109 93.1 65.5 121.6
188 4.1 3.4 5.2



#51
Chlorobenzene
Concen: 4.88 ug/L
RT: 9.456 min Scan# 2524
Delta R.T. -0.000 min
Lab File: VU042652.D
Acq: 15 Mar 2021 09:34

Tgt Ion:112 Resp: 94689
Ion Ratio Lower Upper
112 100
114 31.8 22.0 41.0
77 61.4 49.8 74.6

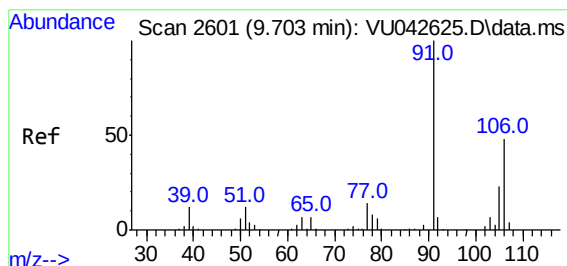
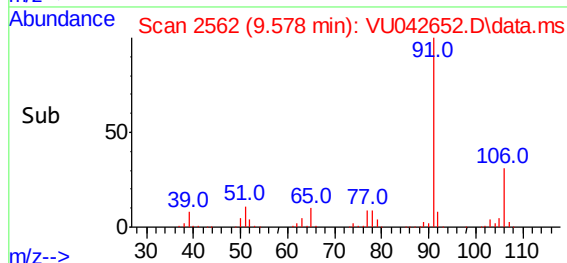
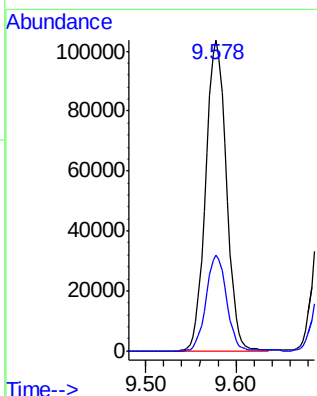
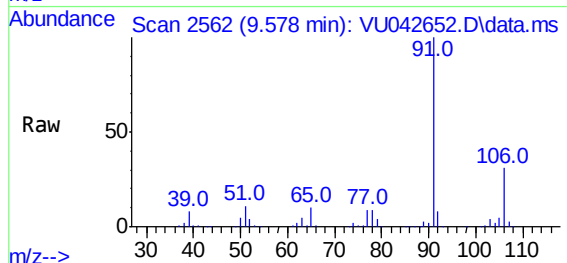




#52
Ethylbenzene
Concen: 4.78 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU042652.D
Acq: 15 Mar 2021 09:34

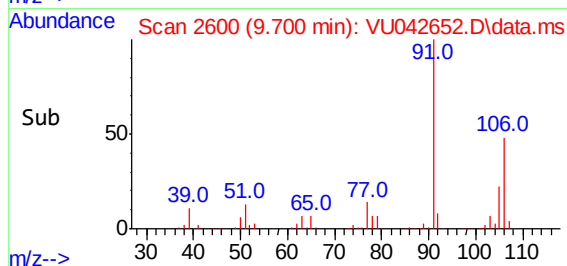
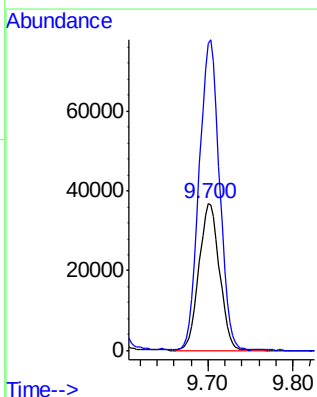
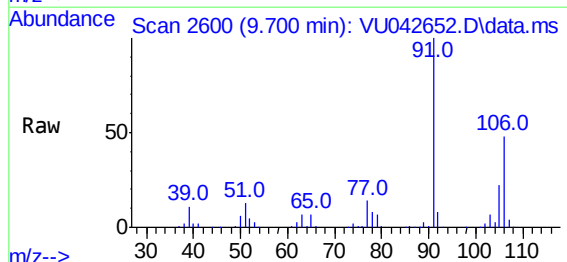
Instrument :
MSVOA_U
ClientSampleId :
VSTD00529

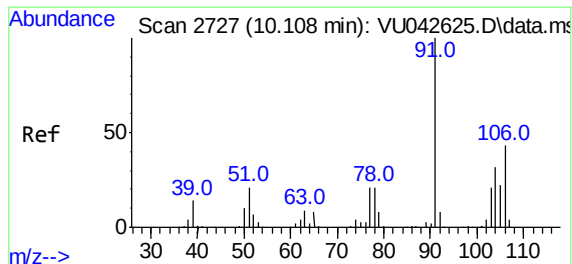
Tgt Ion: 91 Resp: 163508
Ion Ratio Lower Upper
91 100
106 30.8 21.1 39.3



#53
m,p-Xylene
Concen: 4.88 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.003 min
Lab File: VU042652.D
Acq: 15 Mar 2021 09:34

Tgt Ion: 106 Resp: 61745
Ion Ratio Lower Upper
106 100
91 209.8 145.1 269.5

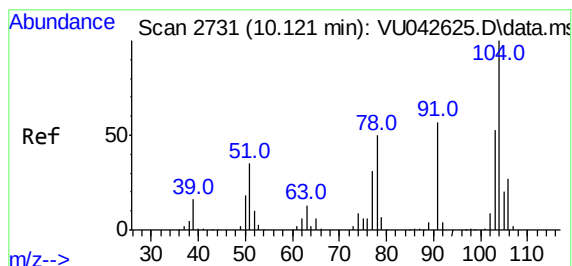
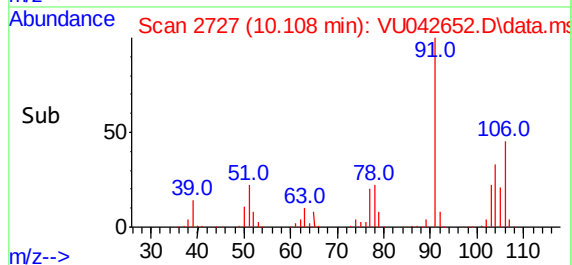
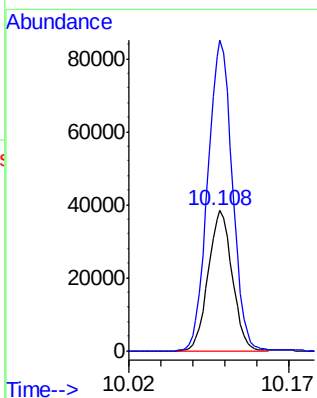
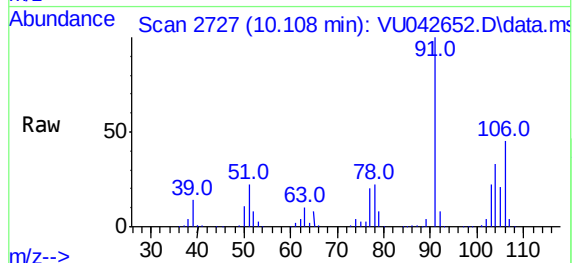




#54
o-Xylene
Concen: 4.85 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. -0.000 min
Lab File: VU042652.D
Acq: 15 Mar 2021 09:34

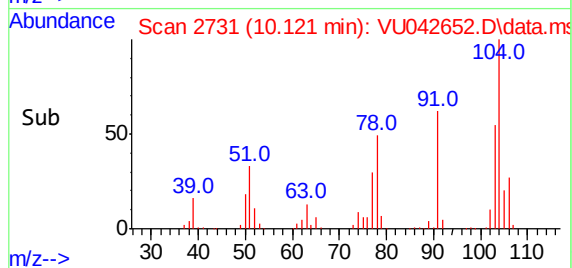
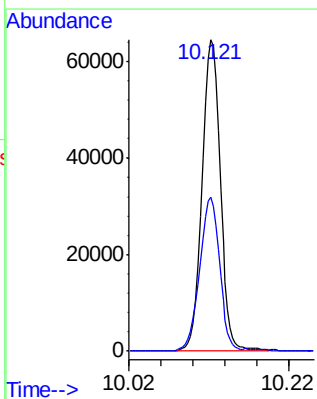
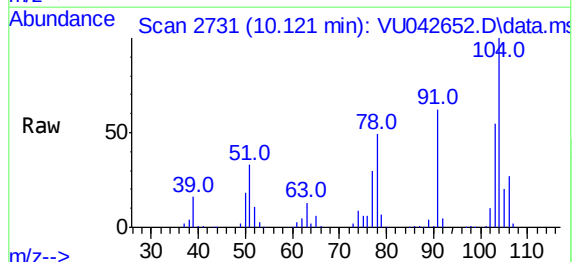
Instrument :
MSVOA_U
ClientSampleId :
VSTD00529

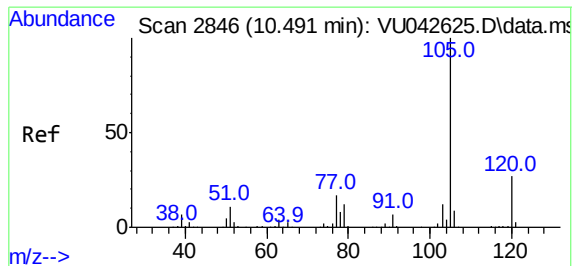
Tgt Ion:106 Resp: 59445
Ion Ratio Lower Upper
106 100
91 221.9 153.0 284.2



#55
Styrene
Concen: 5.03 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. -0.000 min
Lab File: VU042652.D
Acq: 15 Mar 2021 09:34

Tgt Ion:104 Resp: 104694
Ion Ratio Lower Upper
104 100
78 49.5 34.9 64.7

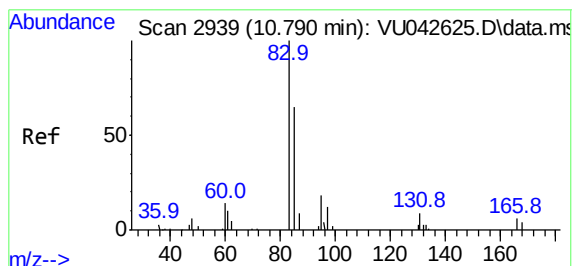
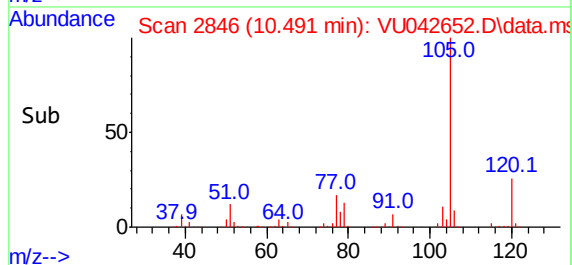
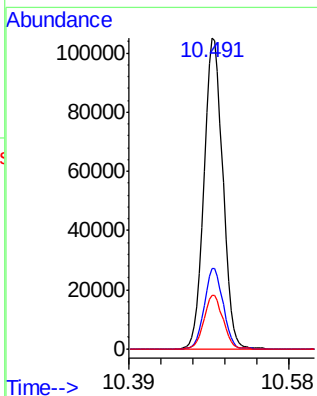
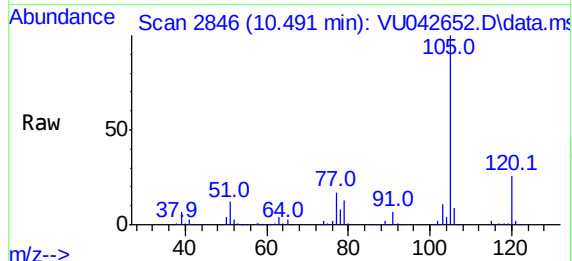




#56
Isopropylbenzene
Concen: 4.90 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU042652.D
Acq: 15 Mar 2021 09:34

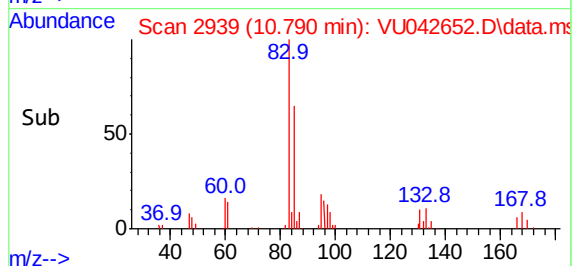
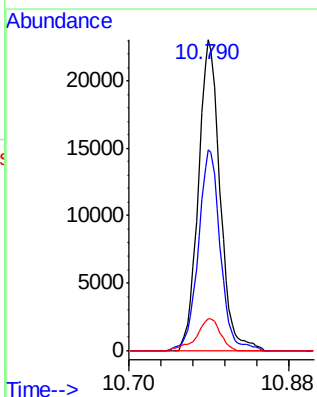
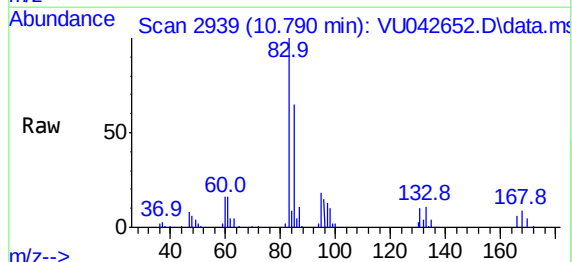
Instrument :
MSVOA_U
ClientSampleId :
VSTD00529

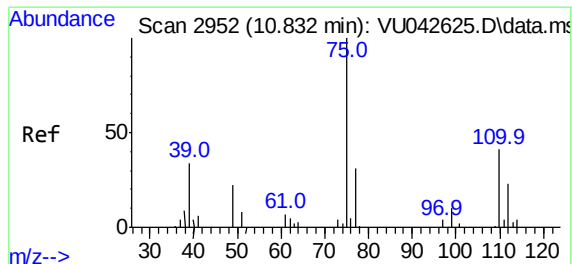
Tgt Ion:105 Resp: 164984
Ion Ratio Lower Upper
105 100
120 25.7 20.8 31.2
77 17.5 13.4 20.0



#58
1,1,2,2-Tetrachloroethane
Concen: 5.01 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. -0.000 min
Lab File: VU042652.D
Acq: 15 Mar 2021 09:34

Tgt Ion: 83 Resp: 37145
Ion Ratio Lower Upper
83 100
85 64.7 44.4 82.4
131 10.1 8.6 12.8

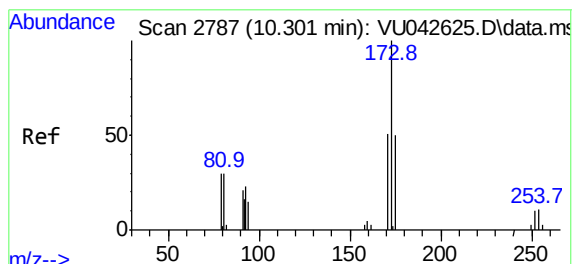
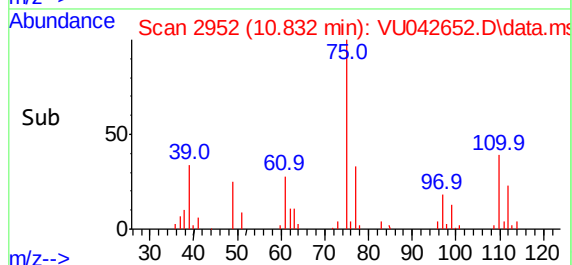
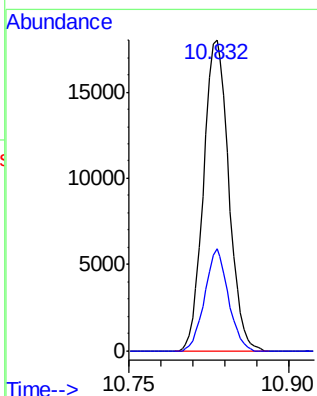
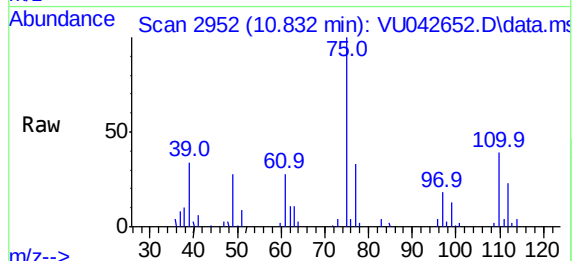




#59
1,2,3-Trichloropropane
Concen: 5.18 ug/L
RT: 10.832 min Scan# 2952
Delta R.T. -0.000 min
Lab File: VU042652.D
Acq: 15 Mar 2021 09:34

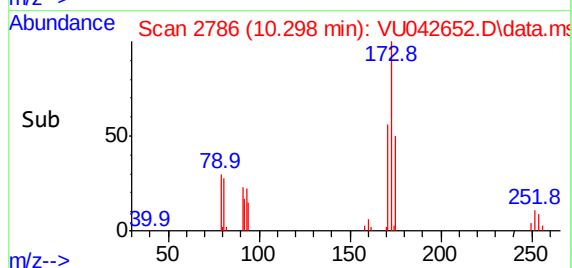
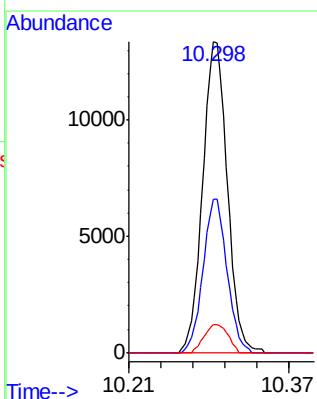
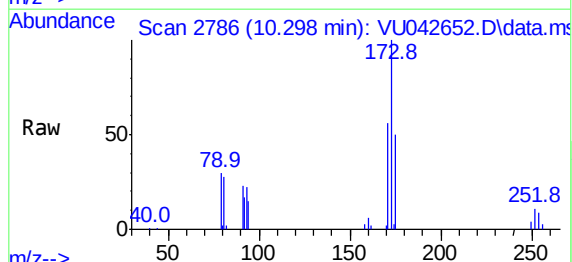
Instrument :
MSVOA_U
ClientSampleId :
VSTD00529

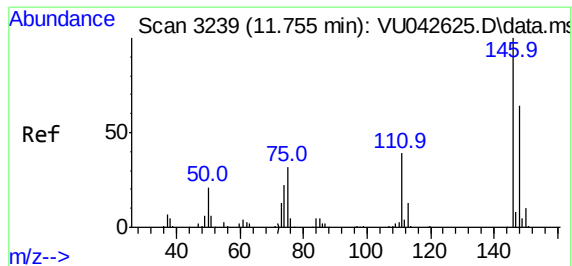
Tgt Ion: 75 Resp: 29225
Ion Ratio Lower Upper
75 100
77 30.7 26.0 39.0



#61
Bromoform
Concen: 5.37 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. -0.003 min
Lab File: VU042652.D
Acq: 15 Mar 2021 09:34

Tgt Ion:173 Resp: 22869
Ion Ratio Lower Upper
173 100
175 47.9 38.7 58.1
254 8.5 7.9 11.9

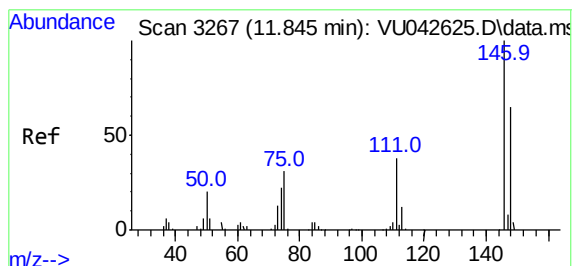
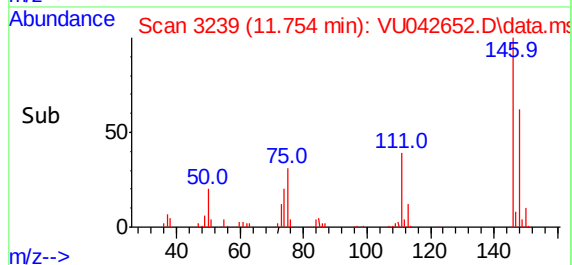
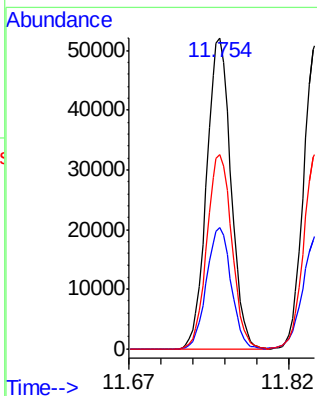
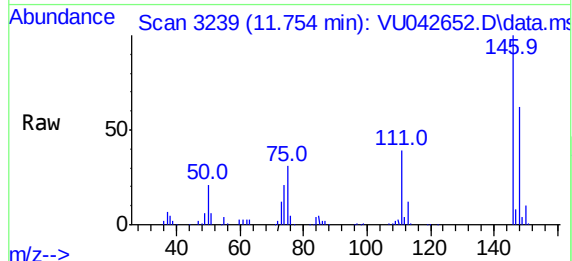




#62
 1,3-Dichlorobenzene
 Concen: 5.00 ug/L
 RT: 11.754 min Scan# 3239
 Delta R.T. -0.000 min
 Lab File: VU042652.D
 Acq: 15 Mar 2021 09:34

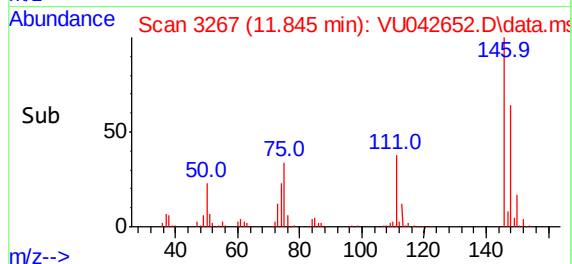
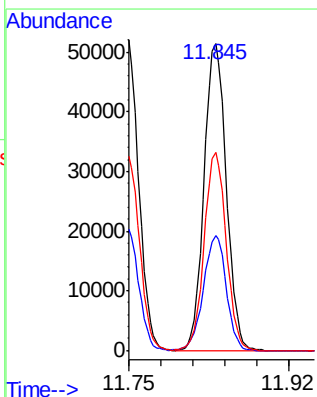
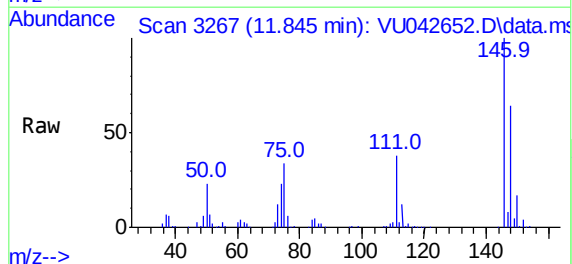
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00529

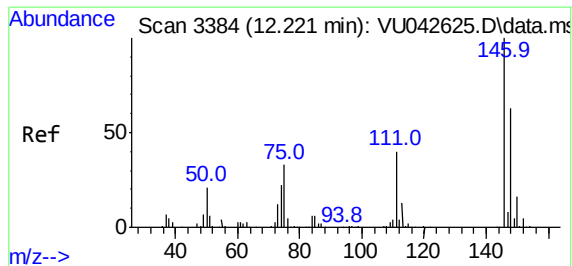
Tgt Ion:146 Resp: 81432
 Ion Ratio Lower Upper
 146 100
 111 39.1 27.2 50.4
 148 62.5 44.6 82.8



#63
 1,4-Dichlorobenzene
 Concen: 5.07 ug/L
 RT: 11.845 min Scan# 3267
 Delta R.T. -0.000 min
 Lab File: VU042652.D
 Acq: 15 Mar 2021 09:34

Tgt Ion:146 Resp: 82207
 Ion Ratio Lower Upper
 146 100
 111 37.6 25.8 47.8
 148 64.5 44.1 81.9

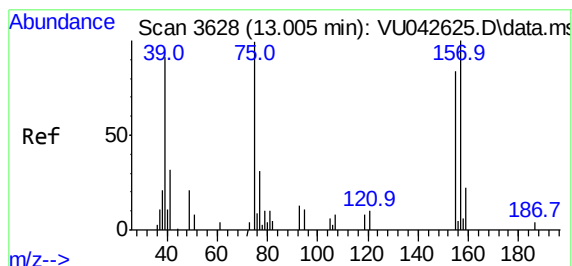
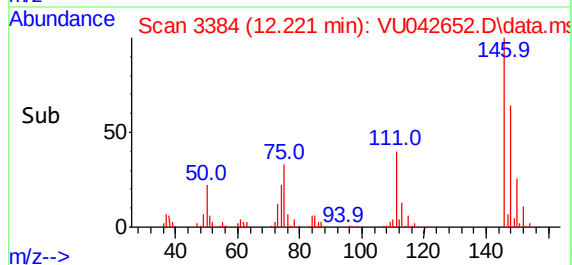
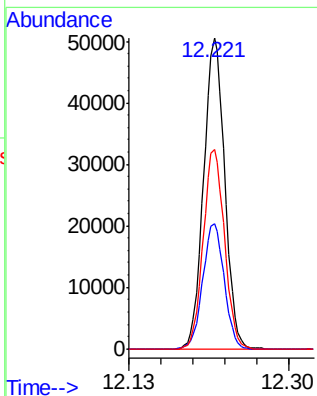
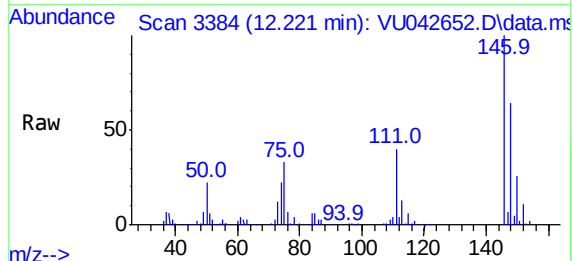




#65
1,2-Dichlorobenzene
Concen: 5.06 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. -0.000 min
Lab File: VU042652.D
Acq: 15 Mar 2021 09:34

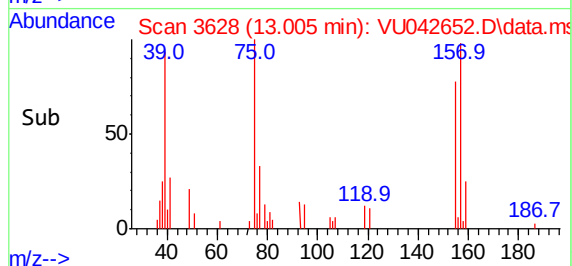
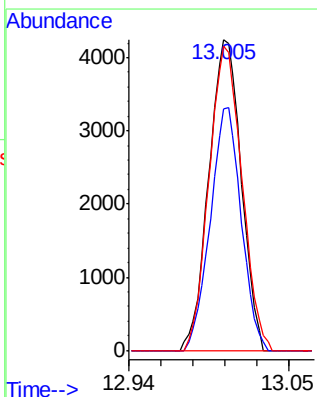
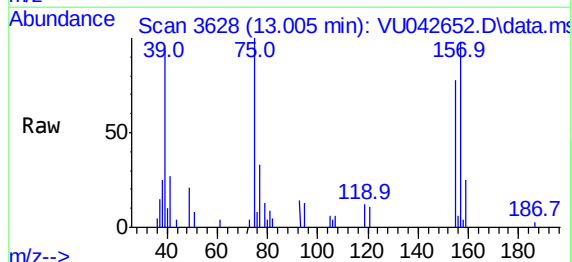
Instrument :
MSVOA_U
ClientSampleId :
VSTD00529

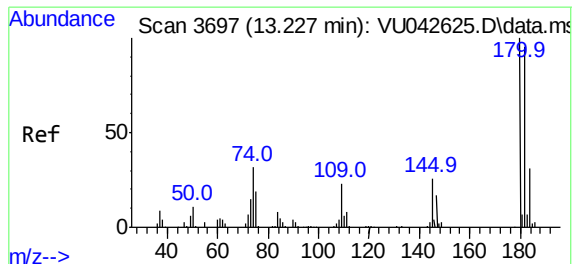
Tgt Ion:146 Resp: 79338
Ion Ratio Lower Upper
146 100
111 40.4 32.7 49.1
148 64.2 51.7 77.5



#66
1,2-Dibromo-3-chloropropane
Concen: 5.23 ug/L
RT: 13.005 min Scan# 3628
Delta R.T. -0.000 min
Lab File: VU042652.D
Acq: 15 Mar 2021 09:34

Tgt Ion: 75 Resp: 6884
Ion Ratio Lower Upper
75 100
155 77.9 69.0 103.6
157 97.8 91.0 136.6

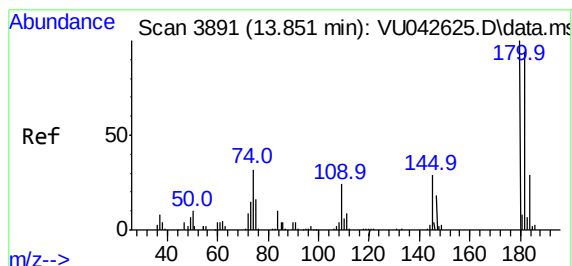
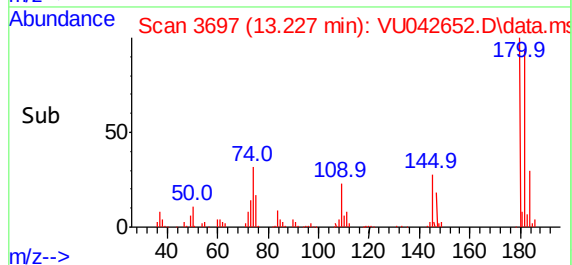
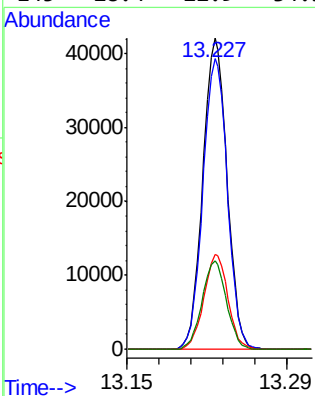
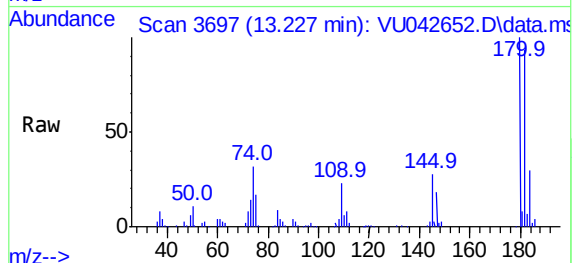




#67
 1,3,5-Trichlorobenzene
 Concen: 4.63 ug/L
 RT: 13.227 min Scan# 3697
 Delta R.T. -0.000 min
 Lab File: VU042652.D
 Acq: 15 Mar 2021 09:34

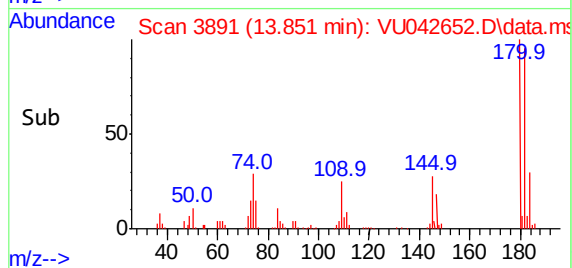
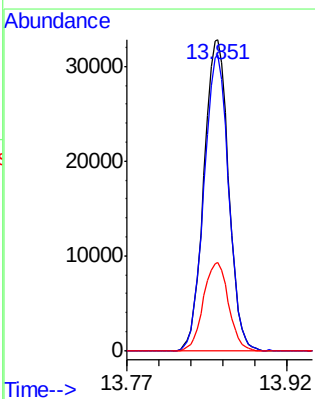
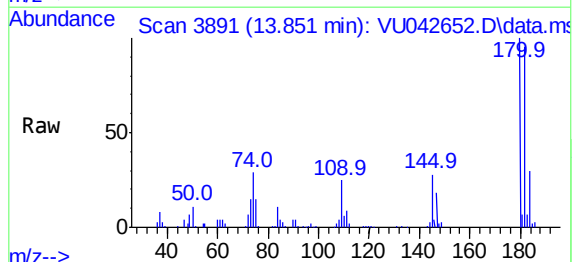
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00529

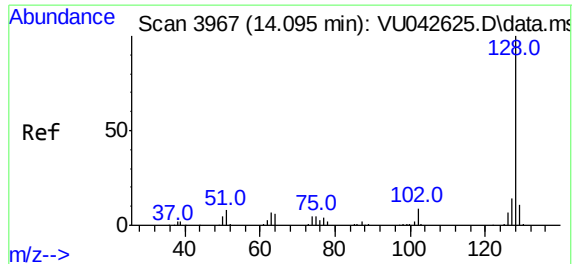
Tgt Ion:180 Resp: 65257
 Ion Ratio Lower Upper
 180 100
 182 94.6 76.4 114.6
 184 30.1 23.9 35.9
 145 28.4 22.9 34.3



#68
 1,2,4-trichlorobenzene
 Concen: 4.44 ug/L
 RT: 13.851 min Scan# 3891
 Delta R.T. -0.000 min
 Lab File: VU042652.D
 Acq: 15 Mar 2021 09:34

Tgt Ion:180 Resp: 51902
 Ion Ratio Lower Upper
 180 100
 182 95.4 76.3 114.5
 145 28.8 23.7 35.5





#69

Naphthalene

Concen: 4.27 ug/L

RT: 14.095 min Scan# 3967

Delta R.T. -0.000 min

Lab File: VU042652.D

Acq: 15 Mar 2021 09:34

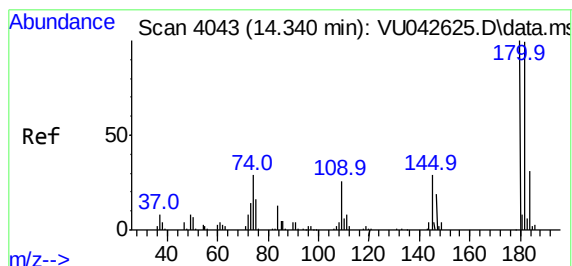
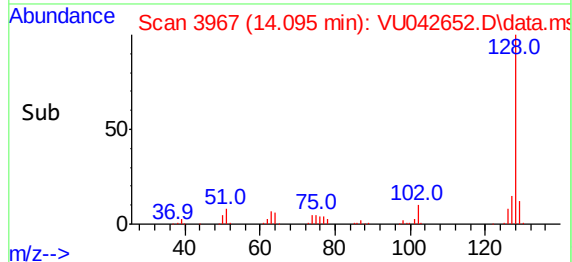
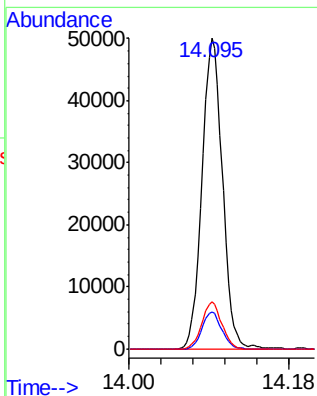
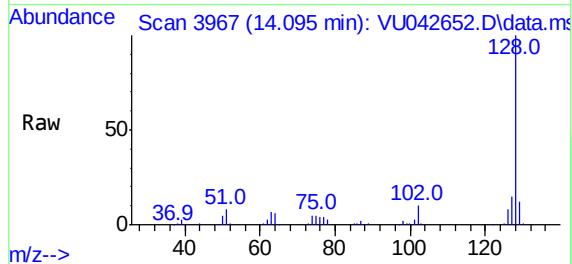
Tgt Ion:128 Resp: 80982

Ion Ratio Lower Upper

128 100

129 11.3 8.7 13.1

127 14.5 10.6 15.8



#70

1,2,3-Trichlorobenzene

Concen: 4.68 ug/L

RT: 14.340 min Scan# 4043

Delta R.T. -0.000 min

Lab File: VU042652.D

Acq: 15 Mar 2021 09:34

Tgt Ion:180 Resp: 49607

Ion Ratio Lower Upper

180 100

182 93.9 75.6 113.4

145 29.6 24.7 37.1

