

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031921\
 Data File : VU042733.D
 Acq On : 19 Mar 2021 20:13
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00509

Quant Time: Mar 20 05:54:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Mar 20 05:47:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	76493	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	75844	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	42191	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	25120	4.93	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.60%
7) Chloroethane-d5	1.919	69	19429	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.60%
11) 1,1-Dichloroethene-d2	2.578	63	56855	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.80%
20) 2-Butanone-d5	4.645	46	66347	39.63	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.26%
24) Chloroform-d	5.076	84	49431	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.710	65	30790	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.735	84	87572	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.700	67	28607	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.40%
41) Toluene-d8	7.906	98	88207	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
43) trans-1,3-Dichloroprop...	8.185	79	12188	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
46) 2-Hexanone-d5	8.642	63	65568	48.86	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.72%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	26906	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.80%
64) 1,2-Dichlorobenzene-d4	12.198	152	35526	4.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.80%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	32695	4.59	ug/L	100
3) Chloromethane	1.523	50	30395	4.51	ug/L	97
5) Vinyl chloride	1.607	62	32234	4.76	ug/L	96
6) Bromomethane	1.864	94	18737	5.02	ug/L	97
8) Chloroethane	1.941	64	19888	4.92	ug/L	97
9) Trichlorofluoromethane	2.144	101	57206	5.18	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	28722	4.95	ug/L	96
12) 1,1-Dichloroethene	2.588	96	25856	4.80	ug/L	89
13) Acetone	2.662	43	41565	32.22	ug/L	97
14) Carbon disulfide	2.800	76	66723	3.89	ug/L	99
15) Methyl Acetate	2.970	43	15794	4.92	ug/L #	86
16) Methylene chloride	3.054	84	29992	4.65	ug/L	98
17) Methyl tert-butyl Ether	3.375	73	69952	4.61	ug/L	100
18) trans-1,2-Dichloroethene	3.362	96	26693	4.71	ug/L	95
19) 1,1-Dichloroethane	3.880	63	54214	4.96	ug/L	99
21) 2-Butanone	4.729	43	81116	36.98	ug/L	97
22) cis-1,2-Dichloroethene	4.674	96	28704	4.74	ug/L	98
23) Bromochloromethane	4.983	128	14342	4.98	ug/L	94
25) Chloroform	5.099	83	58681	5.11	ug/L	99
27) 1,2-Dichloroethane	5.803	62	43283	5.02	ug/L #	94

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 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
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 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Mar 20 05:47:33 2021
 Response via : Initial Calibration

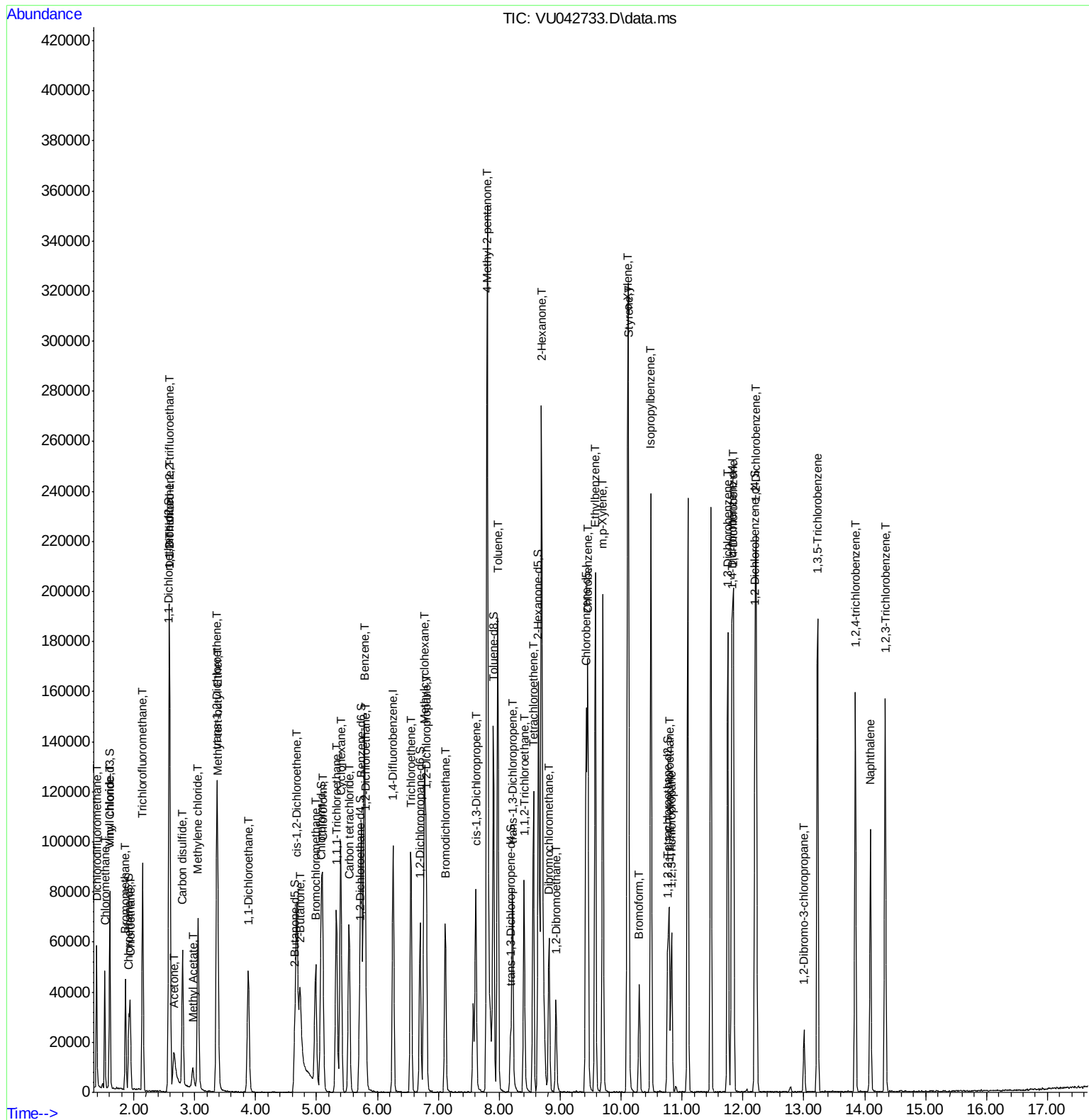
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	5.327	97	51666	4.90	ug/L	97
30) Cyclohexane	5.398	56	45108	4.28	ug/L	98
31) Carbon tetrachloride	5.533	117	44021	4.73	ug/L	99
33) Benzene	5.784	78	115047	4.85	ug/L	100
34) Trichloroethene	6.549	95	31180	4.74	ug/L	96
35) Methylcyclohexane	6.771	83	42387	4.24	ug/L	97
37) 1,2-Dichloropropane	6.800	63	32778	5.12	ug/L #	97
38) Bromodichloromethane	7.115	83	42350	5.07	ug/L	96
39) cis-1,3-Dichloropropene	7.616	75	40669	4.36	ug/L	99
40) 4-Methyl-2-pentanone	7.803	43	297071	53.18	ug/L	95
42) Toluene	7.976	91	127191	4.91	ug/L	98
44) trans-1,3-Dichloropropene	8.218	75	40719	4.73	ug/L	99
45) 1,1,2-Trichloroethane	8.407	97	25030	5.30	ug/L	93
47) Tetrachloroethene	8.558	164	24857	4.63	ug/L	97
48) 2-Hexanone	8.693	43	217972	52.89	ug/L	96
49) Dibromochloromethane	8.819	129	30571	5.17	ug/L	98
50) 1,2-Dibromoethane	8.931	107	23702	5.09	ug/L	94
51) Chlorobenzene	9.452	112	81470	4.92	ug/L	99
52) Ethylbenzene	9.578	91	139200	4.77	ug/L	98
53) m,p-Xylene	9.700	106	52891	4.90	ug/L	99
54) o-Xylene	10.108	106	50933	4.87	ug/L	96
55) Styrene	10.121	104	91045	5.13	ug/L	98
56) Isopropylbenzene	10.491	105	141254	4.92	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.790	83	33101	5.23	ug/L	96
59) 1,2,3-Trichloropropane	10.832	75	24521	5.09	ug/L	98
61) Bromoform	10.298	173	18773	4.93	ug/L	98
62) 1,3-Dichlorobenzene	11.751	146	71402	4.90	ug/L	99
63) 1,4-Dichlorobenzene	11.844	146	72123	4.97	ug/L	97
65) 1,2-Dichlorobenzene	12.217	146	71661	5.12	ug/L	97
66) 1,2-Dibromo-3-chloropr...	13.005	75	5558	4.72	ug/L	97
67) 1,3,5-Trichlorobenzene	13.227	180	56937	4.51	ug/L	98
68) 1,2,4-trichlorobenzene	13.848	180	46355	4.44	ug/L	100
69) Naphthalene	14.095	128	78302	4.61	ug/L	98
70) 1,2,3-Trichlorobenzene	14.336	180	45483	4.80	ug/L	98

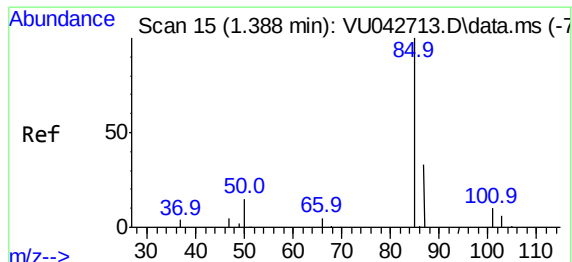
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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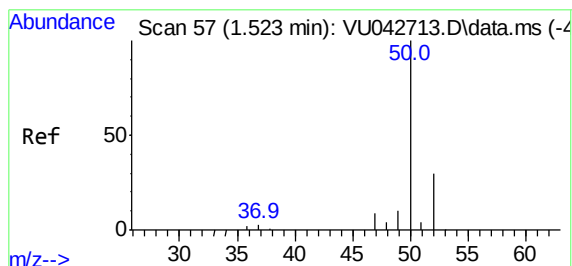
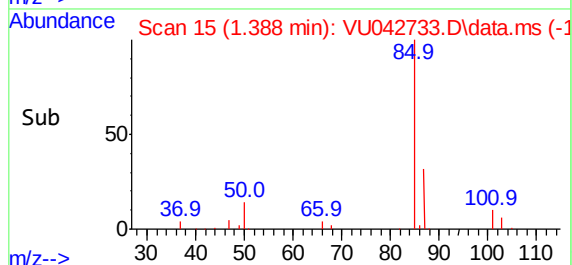
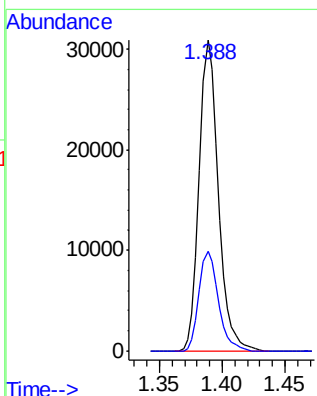
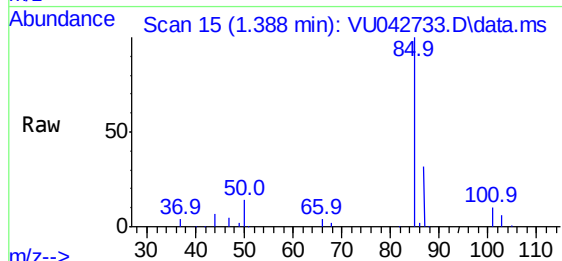




#2
Dichlorodifluoromethane
Concen: 4.59 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU042733.D
Acq: 19 Mar 2021 20:13

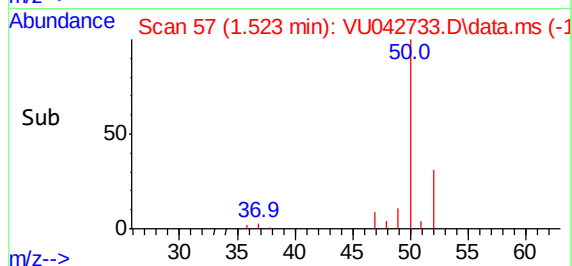
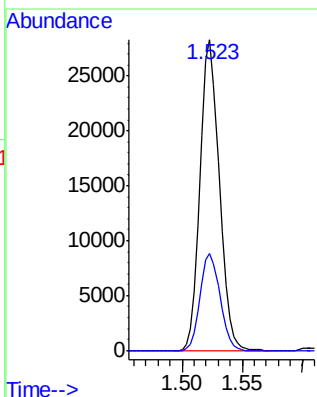
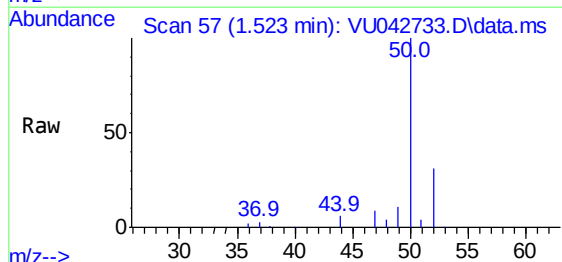
Instrument :
MSVOA_U
ClientSampleId :
VSTD00509

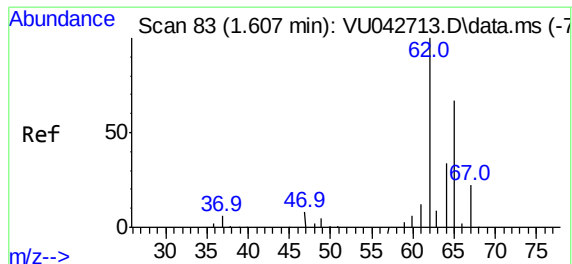
Tgt Ion: 85 Resp: 32695
Ion Ratio Lower Upper
85 100
87 32.4 26.1 39.1



#3
Chloromethane
Concen: 4.51 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042733.D
Acq: 19 Mar 2021 20:13

Tgt Ion: 50 Resp: 30395
Ion Ratio Lower Upper
50 100
52 31.4 23.0 42.8

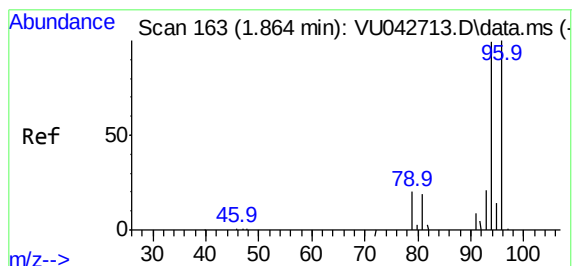
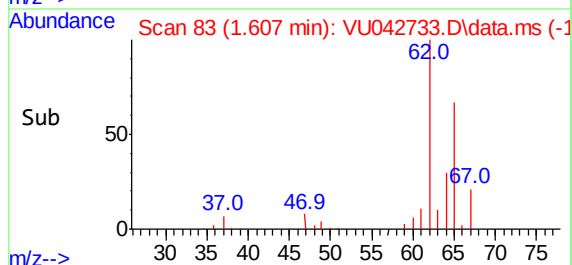
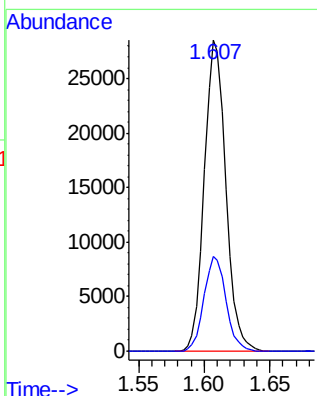
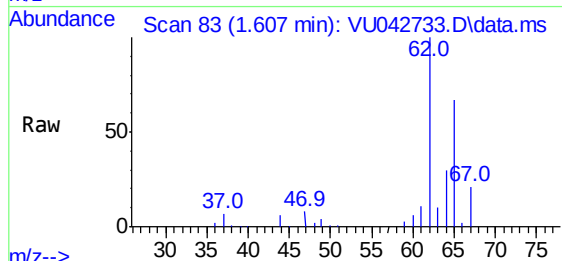




#5
 Vinyl chloride
 Concen: 4.76 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU042733.D
 Acq: 19 Mar 2021 20:13

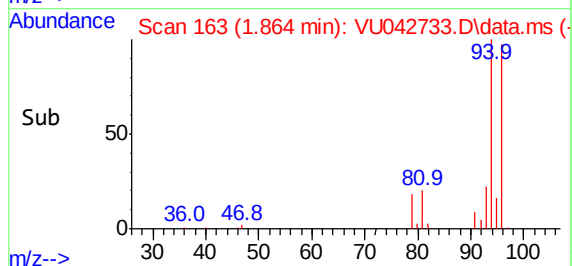
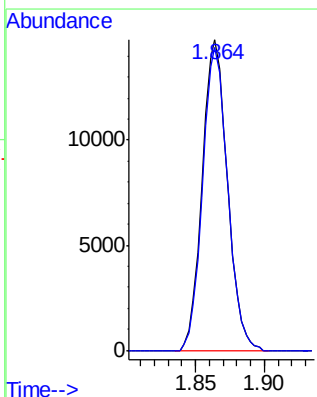
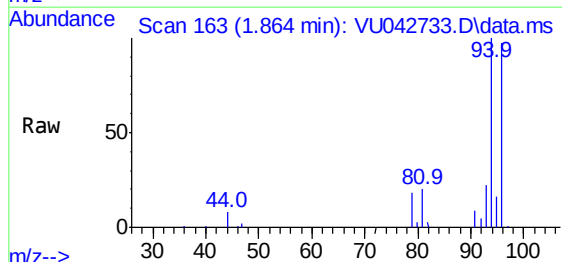
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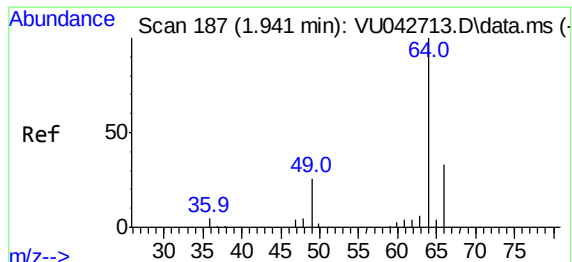
Tgt Ion: 62 Resp: 32234
 Ion Ratio Lower Upper
 62 100
 64 30.4 22.7 42.1



#6
 Bromomethane
 Concen: 5.02 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.000 min
 Lab File: VU042733.D
 Acq: 19 Mar 2021 20:13

Tgt Ion: 94 Resp: 18737
 Ion Ratio Lower Upper
 94 100
 96 97.5 66.5 123.5

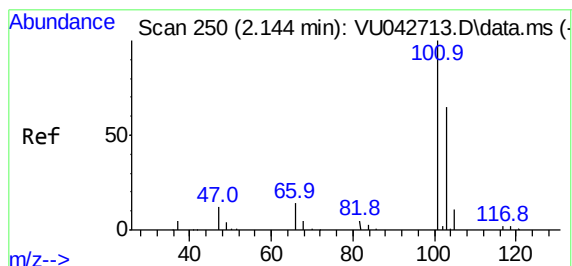
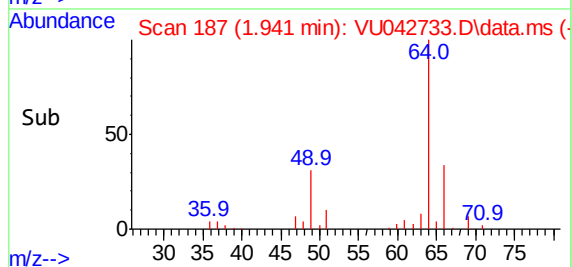
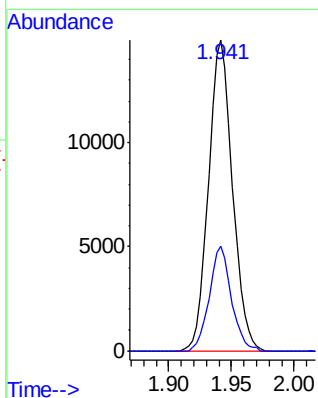
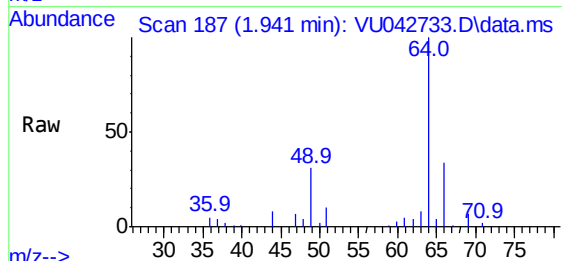




#8
Chloroethane
Concen: 4.92 ug/L
RT: 1.941 min Scan# 187
Delta R.T. 0.000 min
Lab File: VU042733.D
Acq: 19 Mar 2021 20:13

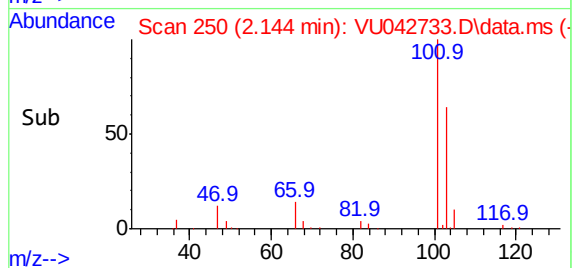
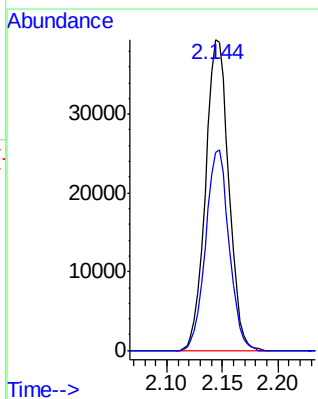
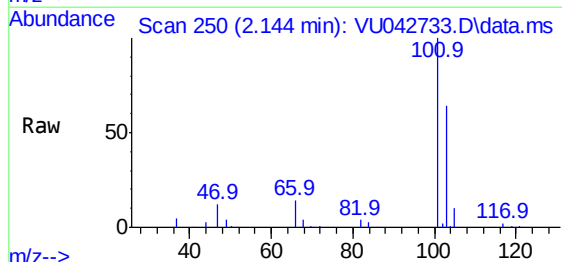
Instrument :
MSVOA_U
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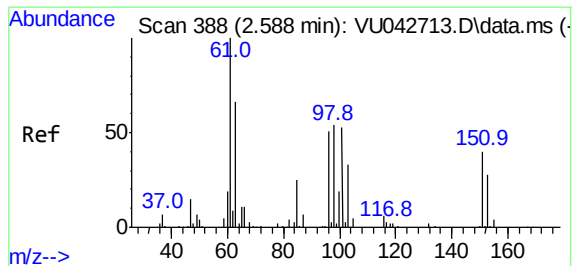
Tgt Ion: 64 Resp: 19888
Ion Ratio Lower Upper
64 100
66 33.6 22.2 41.2



#9
Trichlorofluoromethane
Concen: 5.18 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU042733.D
Acq: 19 Mar 2021 20:13

Tgt Ion: 101 Resp: 57206
Ion Ratio Lower Upper
101 100
103 65.1 51.8 77.8



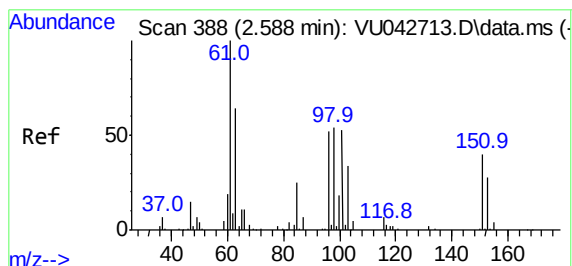
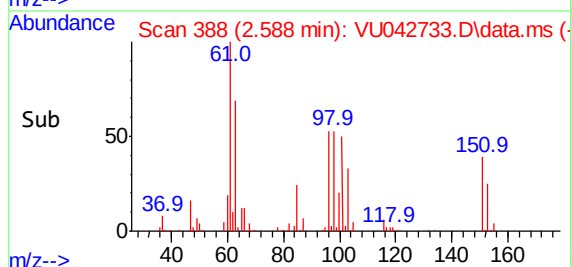
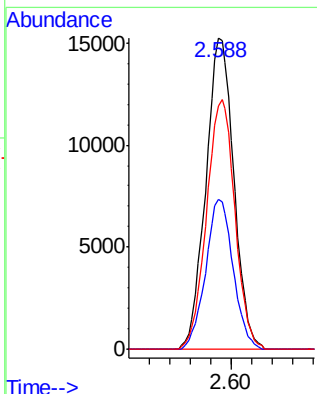
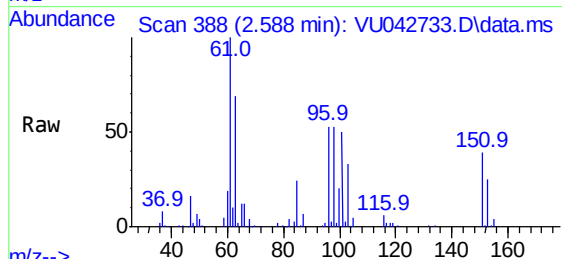


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.95 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU042733.D
 Acq: 19 Mar 2021 20:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00509

Tgt Ion:101 Resp: 28722

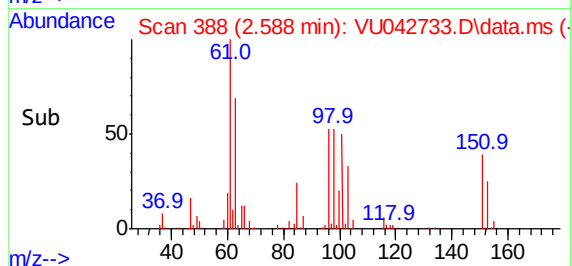
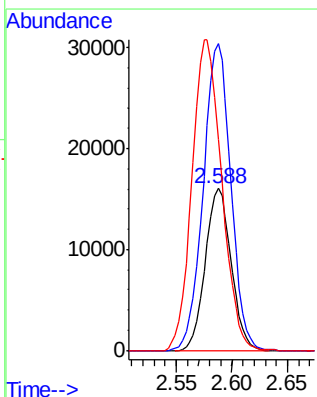
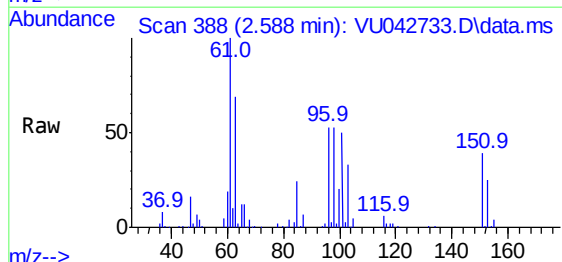
Ion	Ratio	Lower	Upper
101	100		
85	47.2	34.6	51.8
151	81.2	62.7	94.1

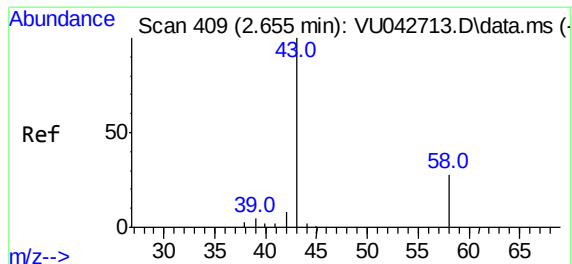


#12
 1,1-Dichloroethene
 Concen: 4.80 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU042733.D
 Acq: 19 Mar 2021 20:13

Tgt Ion: 96 Resp: 25856

Ion	Ratio	Lower	Upper
96	100		
61	189.4	126.2	234.4
63	130.6	77.8	144.4

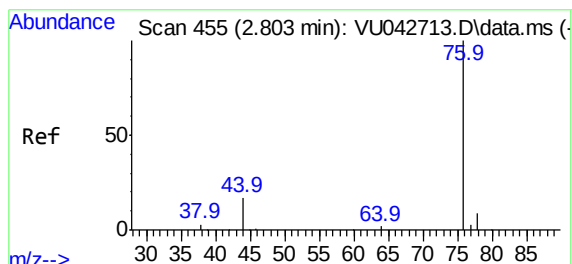
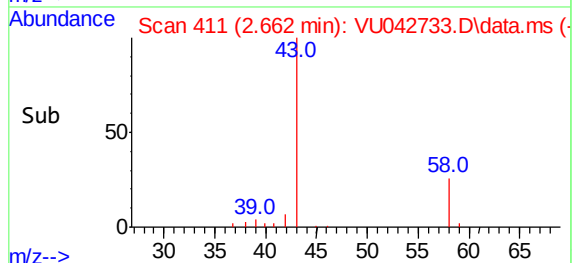
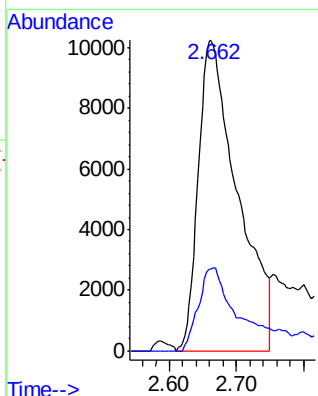
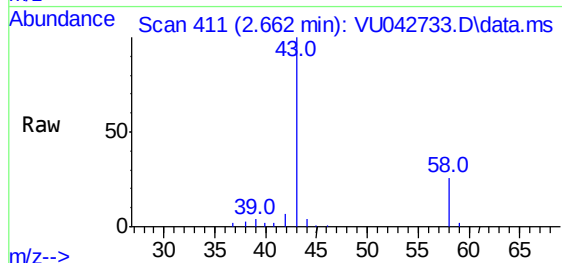




#13
Acetone
Concen: 32.22 ug/L
RT: 2.662 min Scan# 411
Delta R.T. 0.006 min
Lab File: VU042733.D
Acq: 19 Mar 2021 20:13

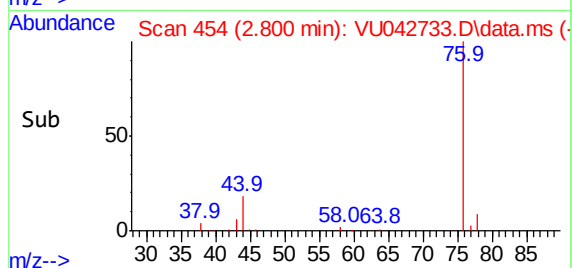
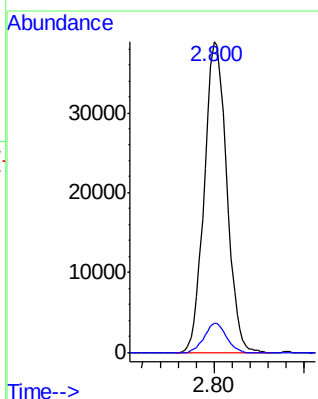
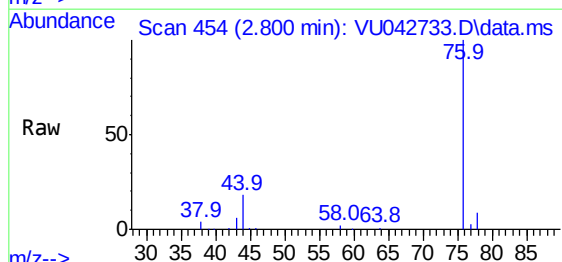
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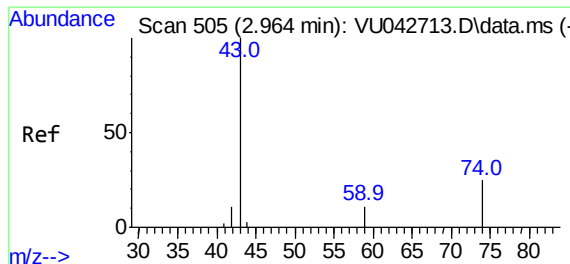
Tgt Ion: 43 Resp: 41565
Ion Ratio Lower Upper
43 100
58 26.5 0.0 55.8



#14
Carbon disulfide
Concen: 3.89 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.003 min
Lab File: VU042733.D
Acq: 19 Mar 2021 20:13

Tgt Ion: 76 Resp: 66723
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9

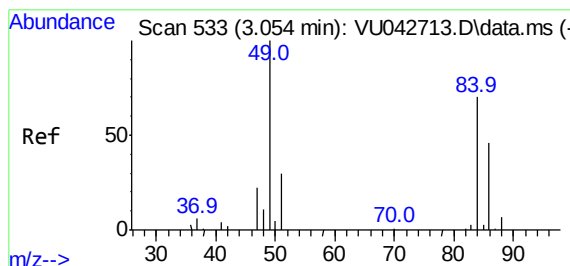
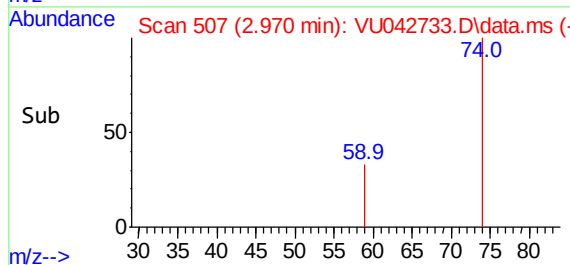
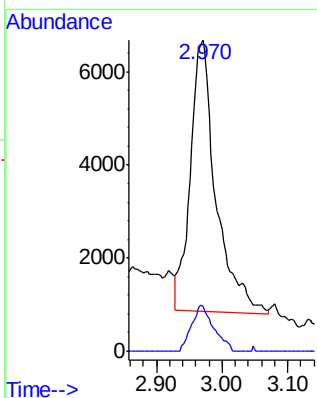
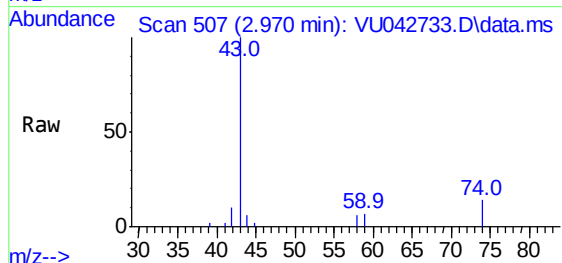




#15
Methyl Acetate
Concen: 4.92 ug/L
RT: 2.970 min Scan# 507
Delta R.T. 0.006 min
Lab File: VU042733.D
Acq: 19 Mar 2021 20:13

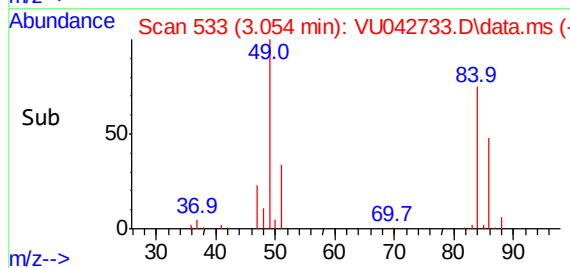
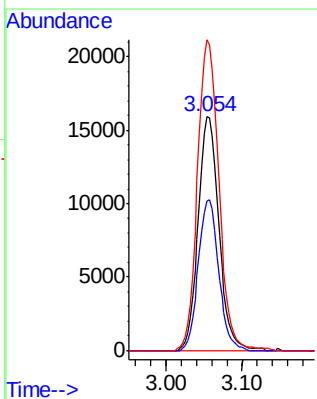
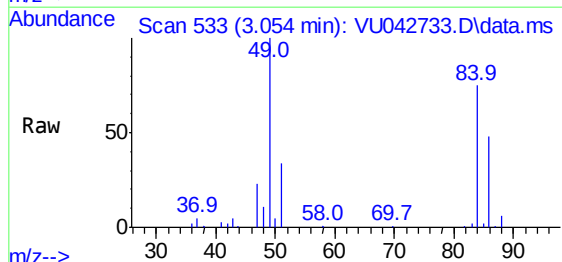
Instrument :
MSVOA_U
ClientSampleId :
VSTD00509

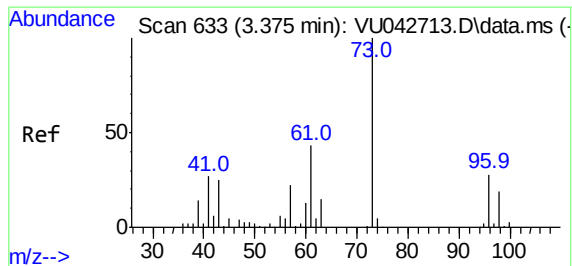
Tgt Ion: 43 Resp: 15794
Ion Ratio Lower Upper
43 100
74 14.3 16.9 25.3#



#16
Methylene chloride
Concen: 4.65 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU042733.D
Acq: 19 Mar 2021 20:13

Tgt Ion: 84 Resp: 29992
Ion Ratio Lower Upper
84 100
86 63.9 44.1 81.9
49 133.0 95.0 176.4

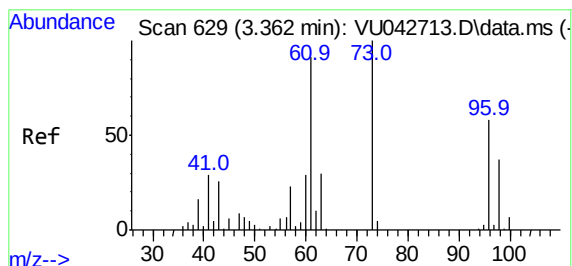
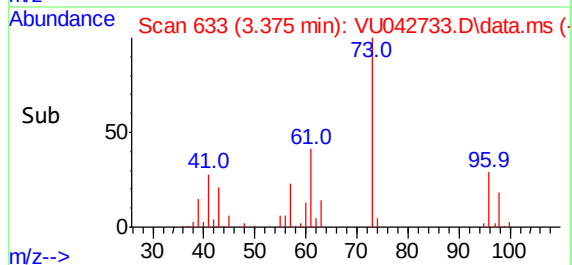
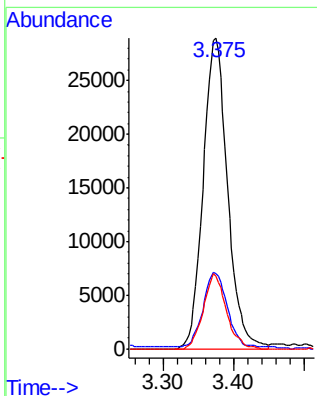
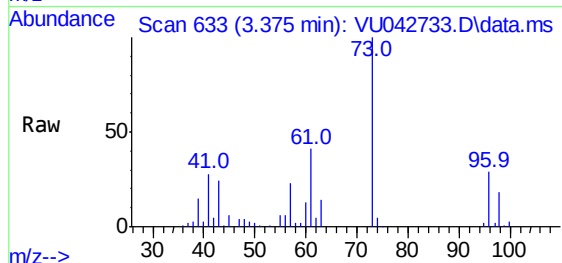




#17
Methyl tert-butyl Ether
Concen: 4.61 ug/L
RT: 3.375 min Scan# 633
Delta R.T. 0.000 min
Lab File: VU042733.D
Acq: 19 Mar 2021 20:13

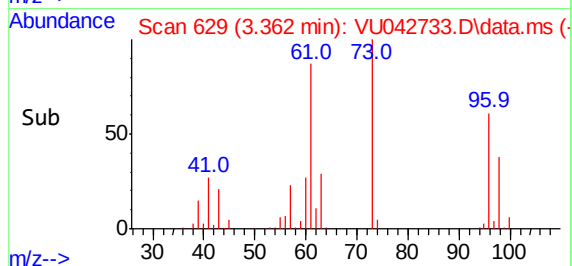
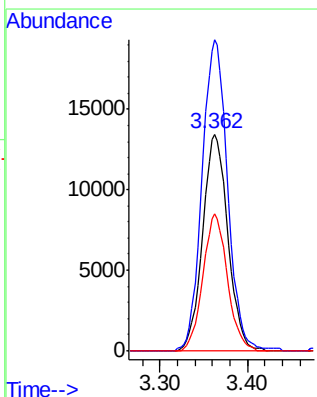
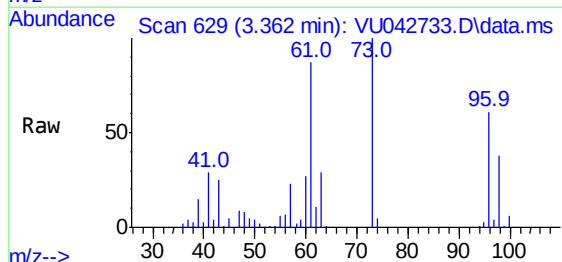
Instrument :
MSVOA_U
ClientSampleId :
VSTD00509

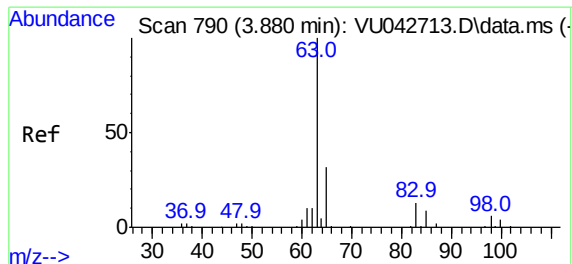
Tgt Ion: 73 Resp: 69952
Ion Ratio Lower Upper
73 100
43 23.7 18.9 28.3
57 22.7 18.2 27.4



#18
trans-1,2-Dichloroethene
Concen: 4.71 ug/L
RT: 3.362 min Scan# 629
Delta R.T. 0.000 min
Lab File: VU042733.D
Acq: 19 Mar 2021 20:13

Tgt Ion: 96 Resp: 26693
Ion Ratio Lower Upper
96 100
61 143.7 105.7 196.3
98 63.3 42.8 79.6

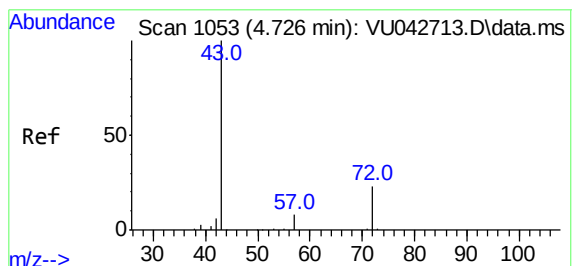
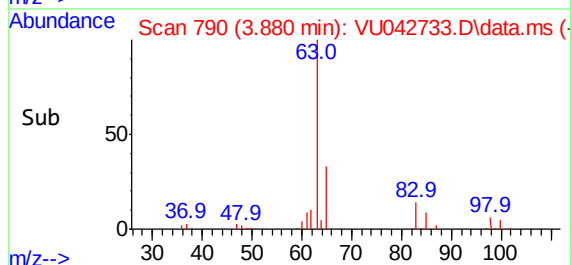
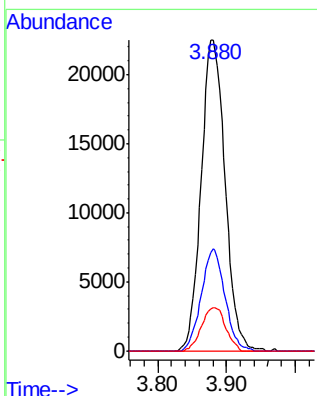
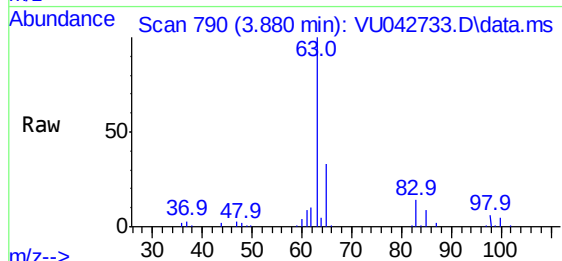




#19
1,1-Dichloroethane
Concen: 4.96 ug/L
RT: 3.880 min Scan# 790
Delta R.T. 0.000 min
Lab File: VU042733.D
Acq: 19 Mar 2021 20:13

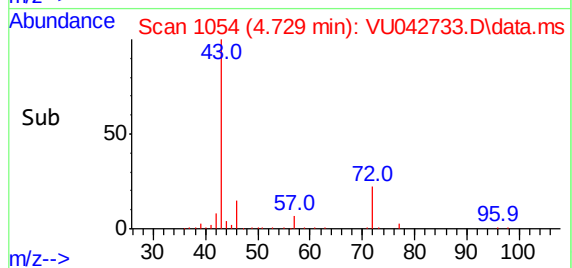
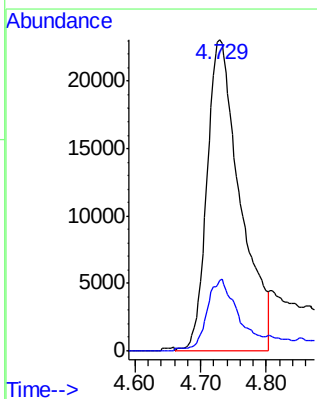
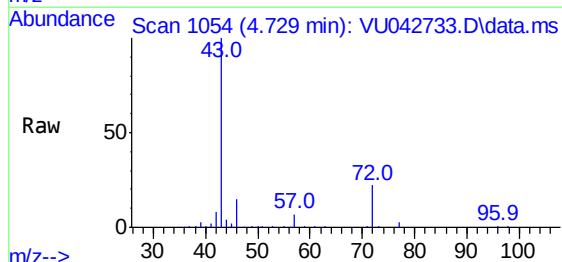
Instrument :
MSVOA_U
ClientSampleId :
VSTD00509

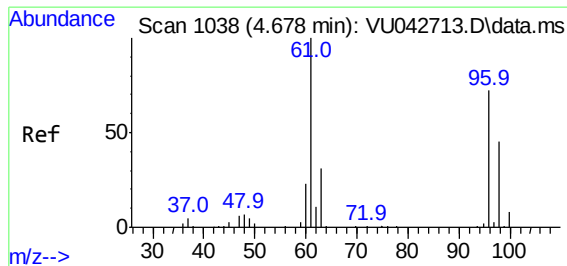
Tgt Ion: 63 Resp: 54214
Ion Ratio Lower Upper
63 100
65 32.9 22.5 41.9
83 13.8 10.1 18.7



#21
2-Butanone
Concen: 36.98 ug/L
RT: 4.729 min Scan# 1054
Delta R.T. 0.003 min
Lab File: VU042733.D
Acq: 19 Mar 2021 20:13

Tgt Ion: 43 Resp: 81116
Ion Ratio Lower Upper
43 100
72 21.8 11.7 35.1



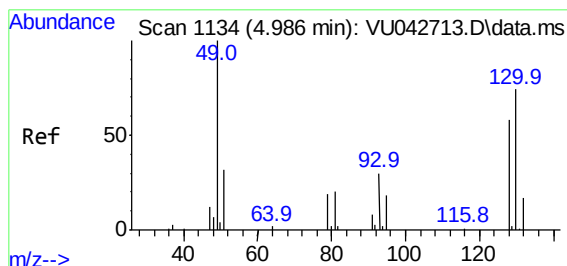
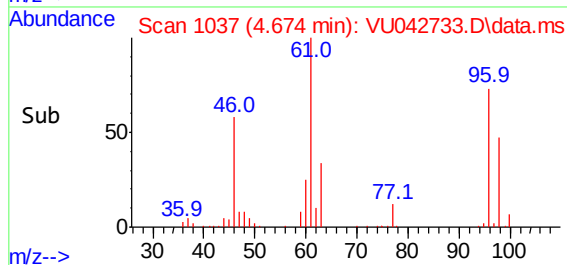
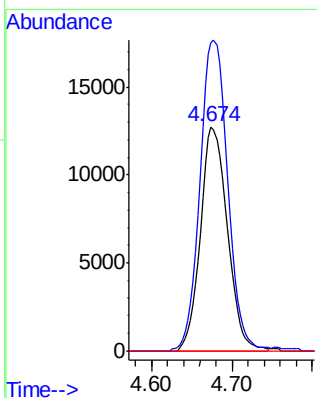
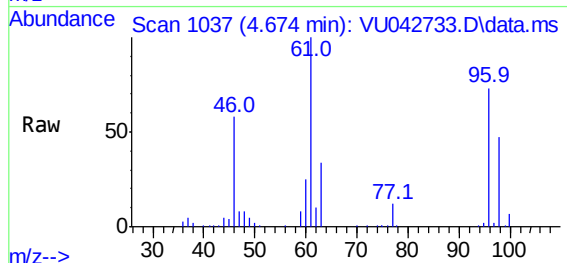


#22
 cis-1,2-Dichloroethene
 Concen: 4.74 ug/L
 RT: 4.674 min Scan# 1037
 Delta R.T. -0.003 min
 Lab File: VU042733.D
 Acq: 19 Mar 2021 20:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00509

Tgt Ion: 96 Resp: 28704

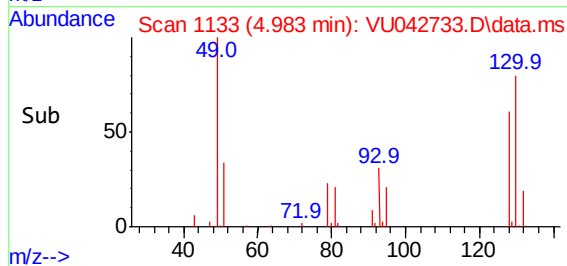
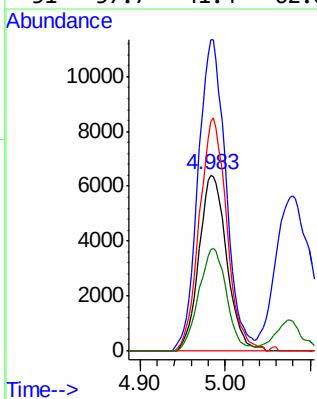
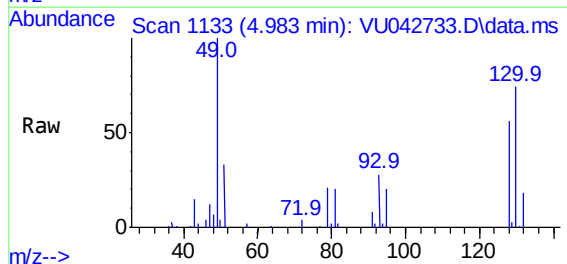
Ion	Ratio	Lower	Upper
96	100		
61	137.5	97.8	181.6
68	0.0	0.0	0.0

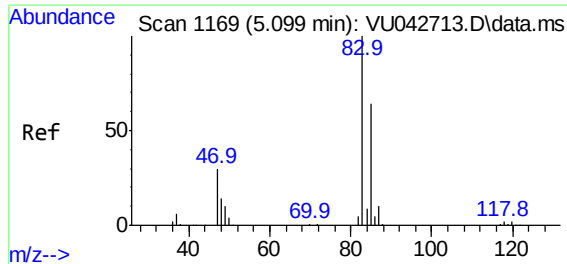


#23
 Bromochloromethane
 Concen: 4.98 ug/L
 RT: 4.983 min Scan# 1133
 Delta R.T. -0.003 min
 Lab File: VU042733.D
 Acq: 19 Mar 2021 20:13

Tgt Ion: 128 Resp: 14342

Ion	Ratio	Lower	Upper
128	100		
49	177.2	117.7	218.7
130	130.9	87.9	163.3
51	57.7	41.4	62.0

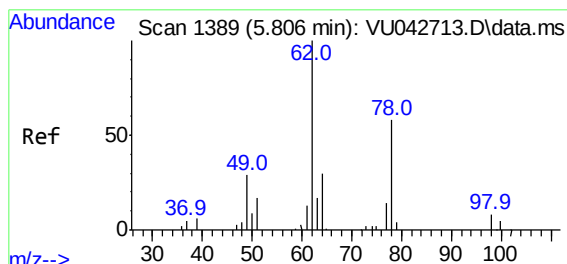
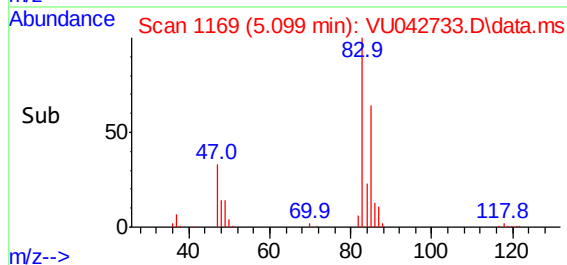
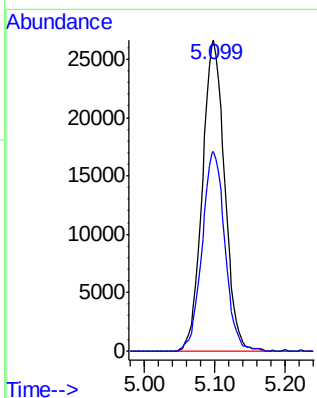
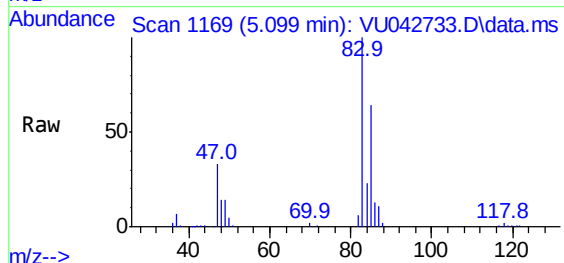




#25
Chloroform
Concen: 5.11 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU042733.D
Acq: 19 Mar 2021 20:13

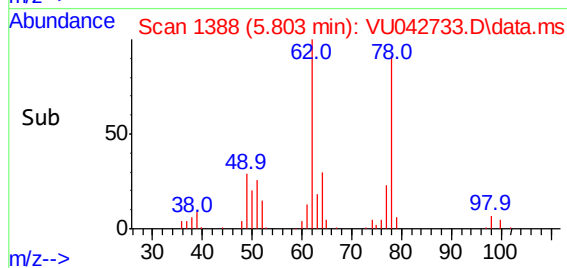
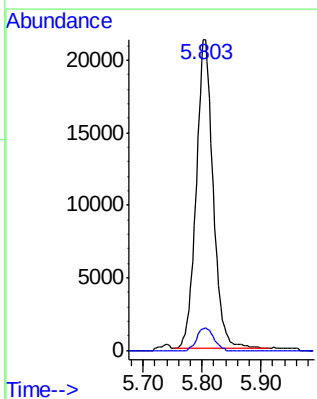
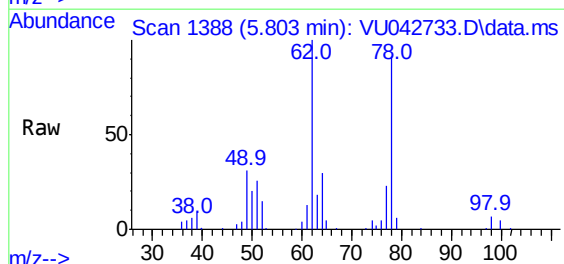
Instrument :
MSVOA_U
ClientSampleId :
VSTD00509

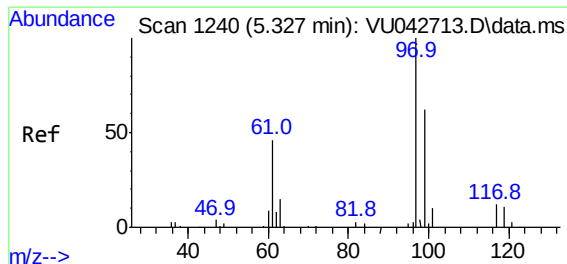
Tgt Ion: 83 Resp: 58681
Ion Ratio Lower Upper
83 100
85 64.2 45.7 84.9



#27
1,2-Dichloroethane
Concen: 5.02 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. -0.003 min
Lab File: VU042733.D
Acq: 19 Mar 2021 20:13

Tgt Ion: 62 Resp: 43283
Ion Ratio Lower Upper
62 100
98 7.1 7.3 10.9#

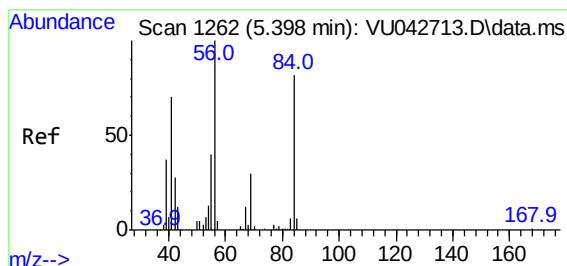
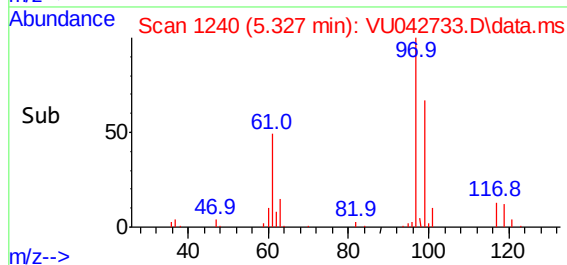
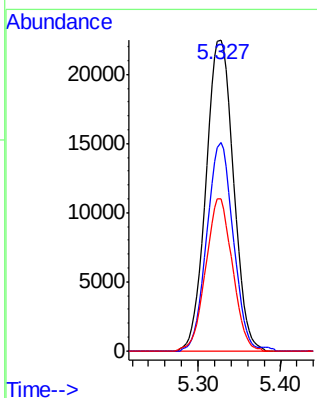
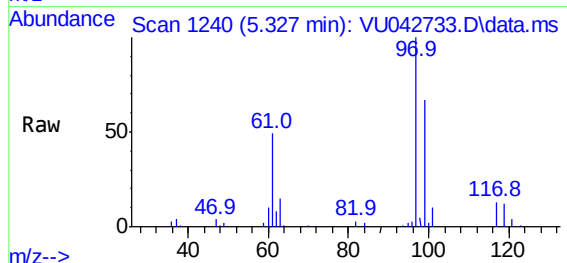




#29
1,1,1-Trichloroethane
Concen: 4.90 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VU042733.D
Acq: 19 Mar 2021 20:13

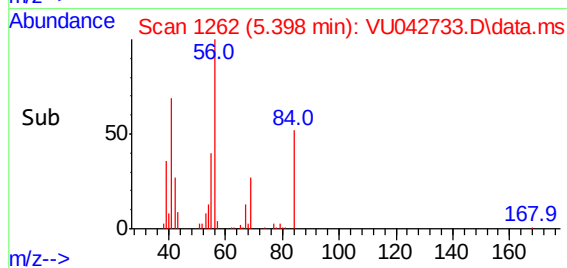
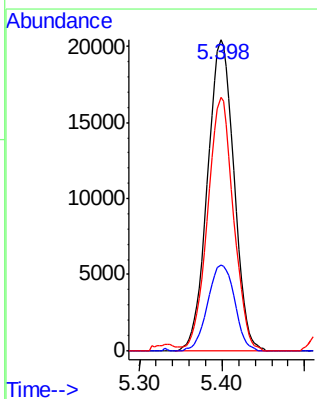
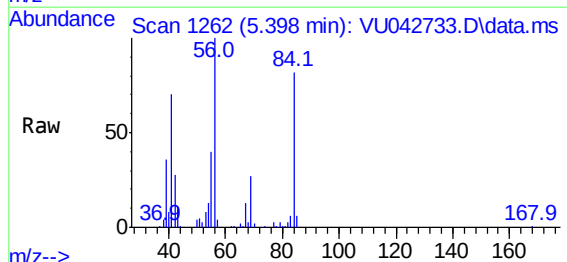
Instrument :
MSVOA_U
ClientSampleId :
VSTD00509

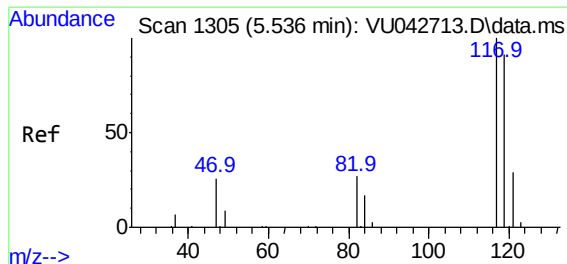
Tgt Ion:	97	Resp:	51666
Ion	Ratio	Lower	Upper
97	100		
99	64.6	50.8	76.2
61	47.5	35.8	53.6



#30
Cyclohexane
Concen: 4.28 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VU042733.D
Acq: 19 Mar 2021 20:13

Tgt Ion:	56	Resp:	45108
Ion	Ratio	Lower	Upper
56	100		
69	27.8	23.7	35.5
84	79.6	65.3	97.9

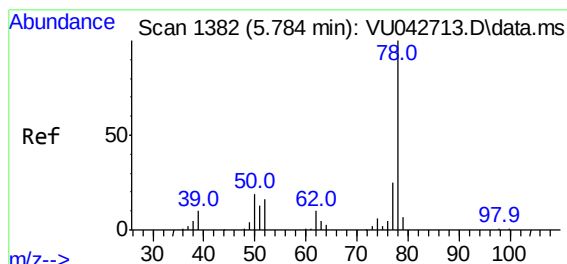
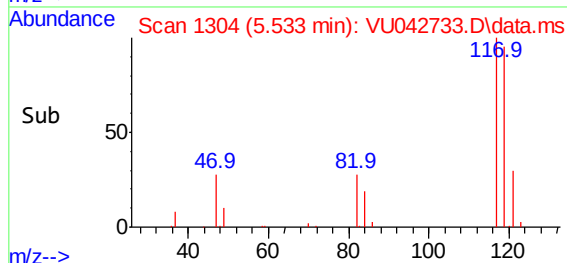
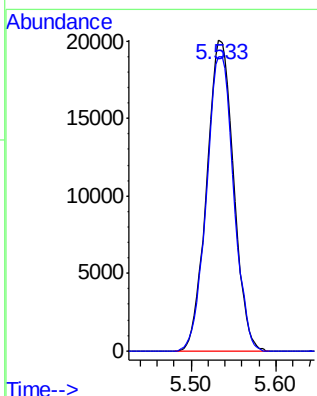
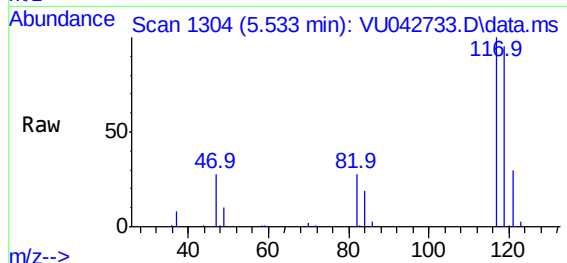




#31
Carbon tetrachloride
Concen: 4.73 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. -0.003 min
Lab File: VU042733.D
Acq: 19 Mar 2021 20:13

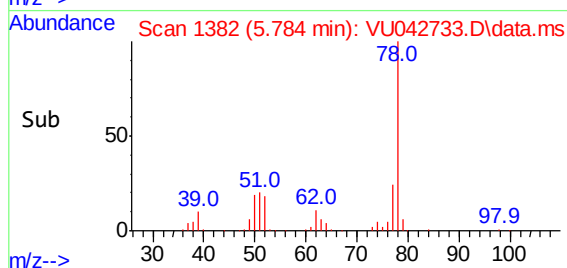
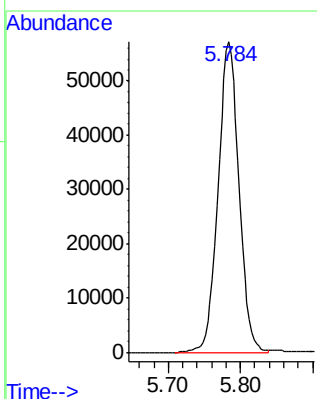
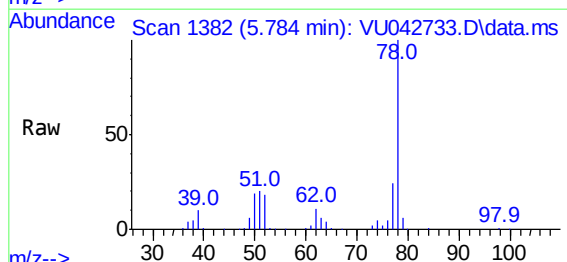
Instrument :
MSVOA_U
ClientSampleId :
VSTD00509

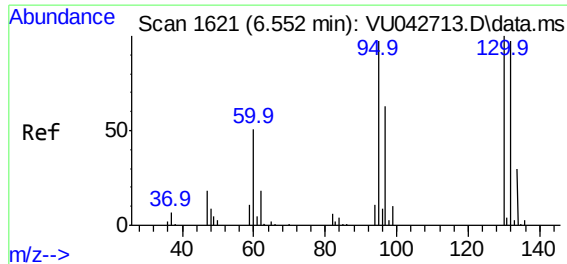
Tgt Ion:117 Resp: 44021
Ion Ratio Lower Upper
117 100
119 95.8 76.2 114.4



#33
Benzene
Concen: 4.85 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VU042733.D
Acq: 19 Mar 2021 20:13

Tgt Ion: 78 Resp: 115047





#34

Trichloroethene

Concen: 4.74 ug/L

RT: 6.549 min Scan# 1620

Delta R.T. -0.003 min

Lab File: VU042733.D

Acq: 19 Mar 2021 20:13

Instrument :

MSVOA_U

ClientSampleId :

VSTD00509

Tgt Ion: 95 Resp: 31180

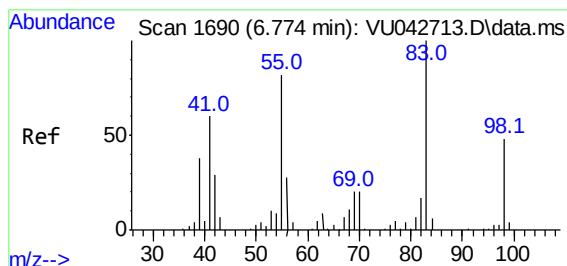
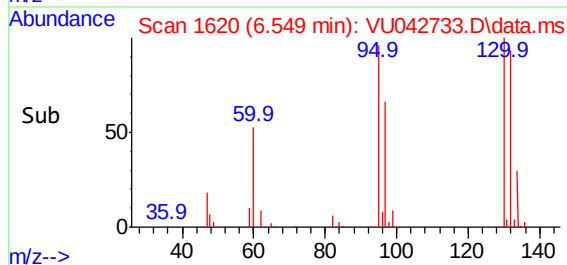
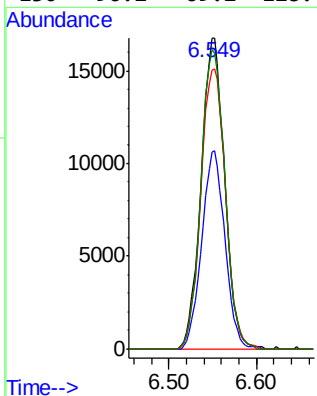
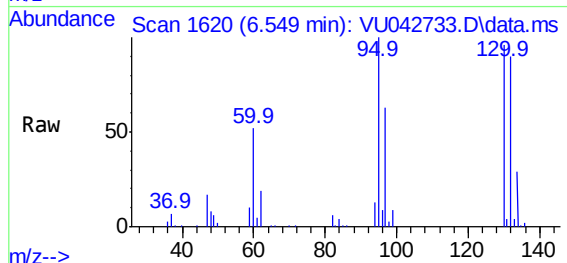
Ion Ratio Lower Upper

95 100

97 63.4 44.4 82.4

132 89.7 68.0 126.4

130 96.2 69.2 128.4



#35

Methylcyclohexane

Concen: 4.24 ug/L

RT: 6.771 min Scan# 1689

Delta R.T. -0.003 min

Lab File: VU042733.D

Acq: 19 Mar 2021 20:13

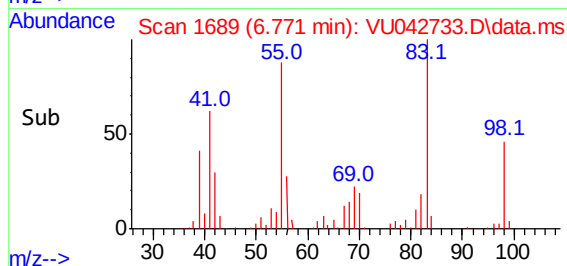
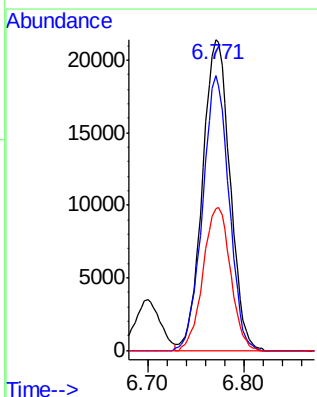
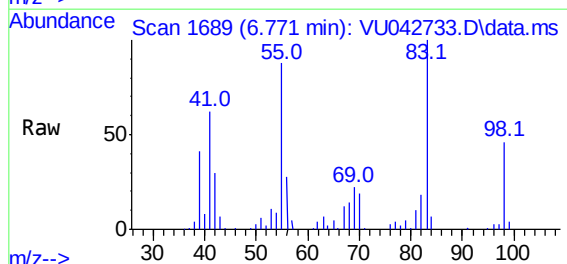
Tgt Ion: 83 Resp: 42387

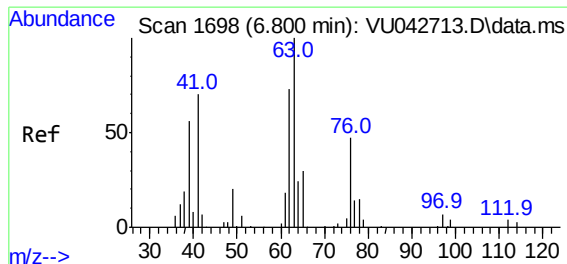
Ion Ratio Lower Upper

83 100

55 84.6 68.2 102.4

98 45.7 39.7 59.5

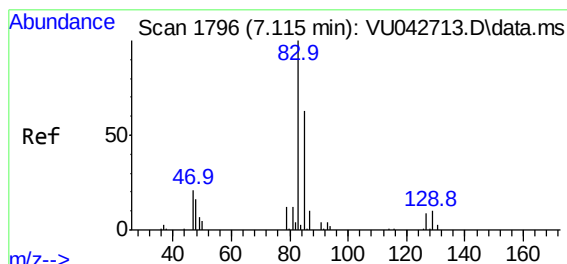
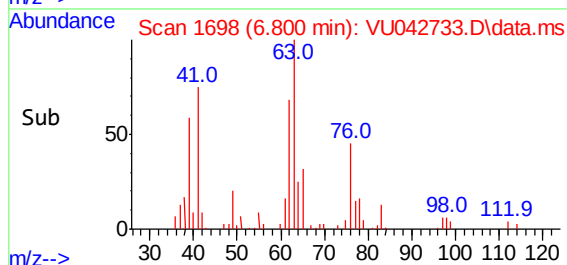
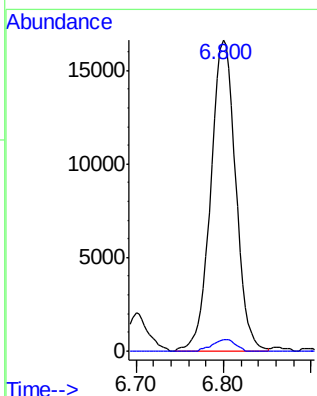
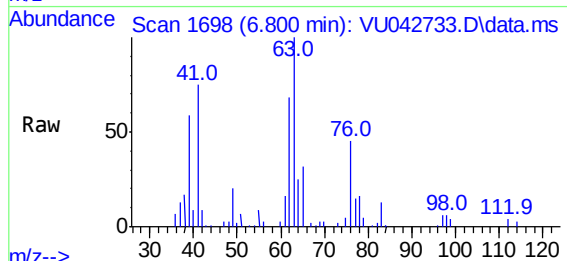




#37
1,2-Dichloropropane
Concen: 5.12 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VU042733.D
Acq: 19 Mar 2021 20:13

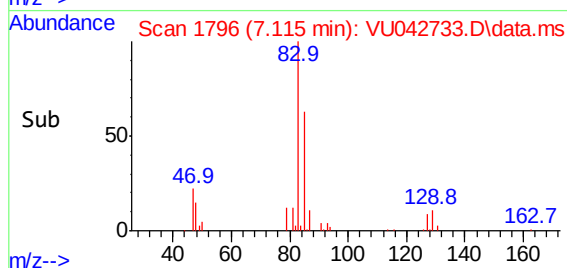
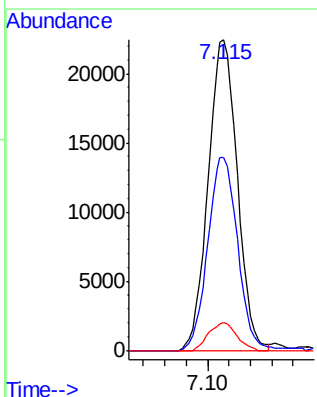
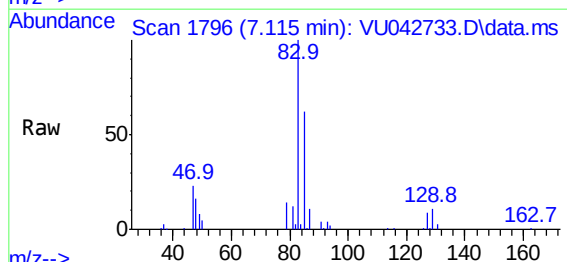
Instrument :
MSVOA_U
ClientSampleId :
VSTD00509

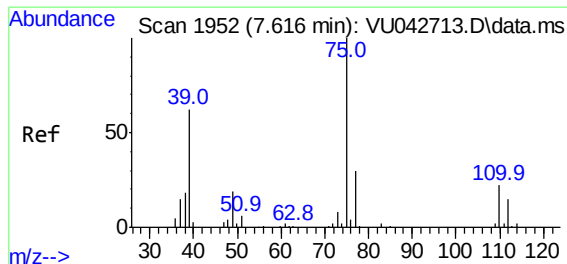
Tgt Ion: 63 Resp: 32778
Ion Ratio Lower Upper
63 100
112 3.4 3.4 5.0#



#38
Bromodichloromethane
Concen: 5.07 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VU042733.D
Acq: 19 Mar 2021 20:13

Tgt Ion: 83 Resp: 42350
Ion Ratio Lower Upper
83 100
85 62.1 46.0 85.4
127 8.8 6.8 10.2

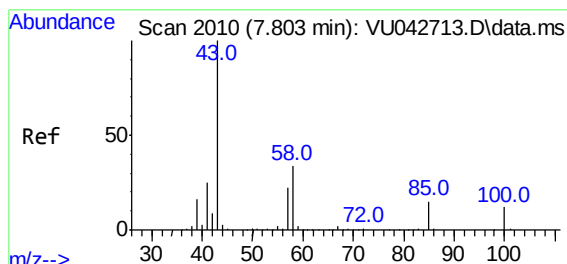
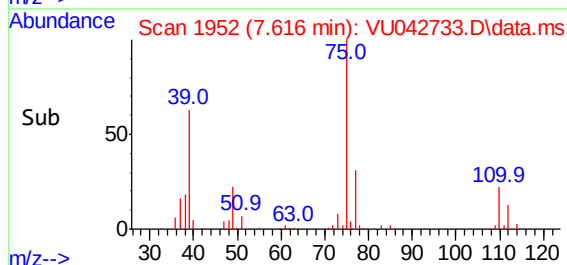
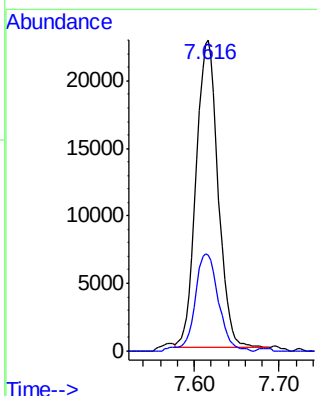
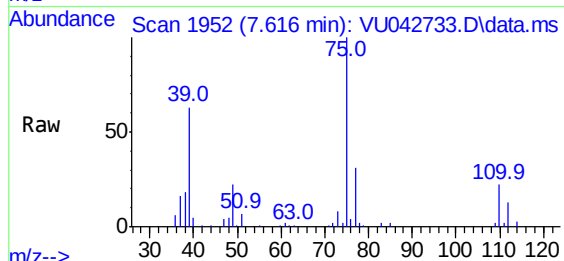




#39
cis-1,3-Dichloropropene
Concen: 4.36 ug/L
RT: 7.616 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VU042733.D
Acq: 19 Mar 2021 20:13

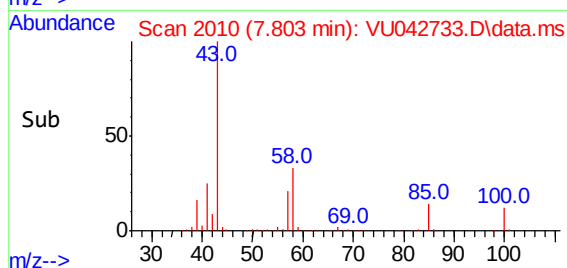
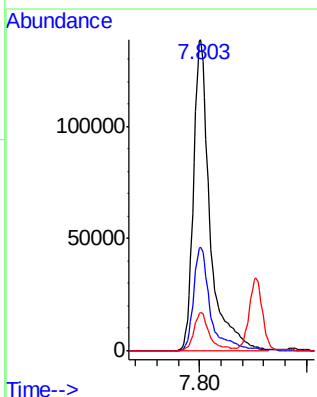
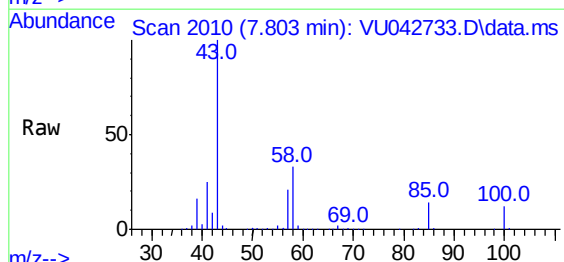
Instrument :
MSVOA_U
ClientSampleId :
VSTD00509

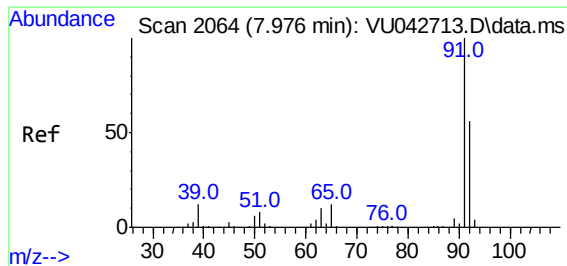
Tgt Ion: 75 Resp: 40669
Ion Ratio Lower Upper
75 100
77 30.9 22.0 40.8



#40
4-Methyl-2-pentanone
Concen: 53.18 ug/L
RT: 7.803 min Scan# 2010
Delta R.T. 0.000 min
Lab File: VU042733.D
Acq: 19 Mar 2021 20:13

Tgt Ion: 43 Resp: 297071
Ion Ratio Lower Upper
43 100
58 33.5 29.1 43.7
100 11.4 11.0 16.4

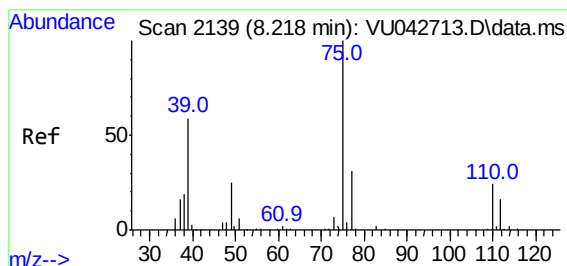
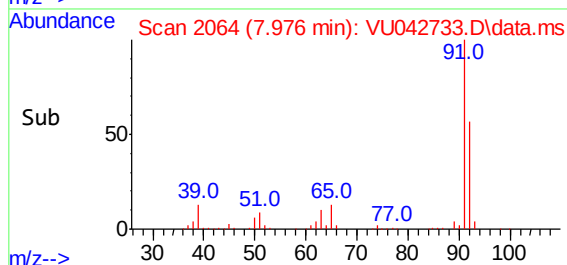
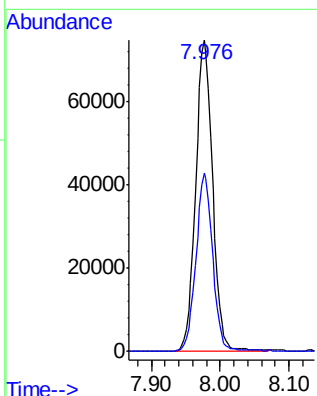
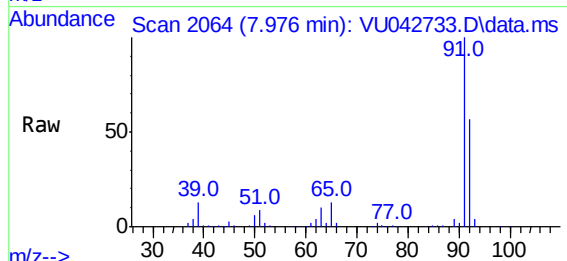




#42
Toluene
Concen: 4.91 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU042733.D
Acq: 19 Mar 2021 20:13

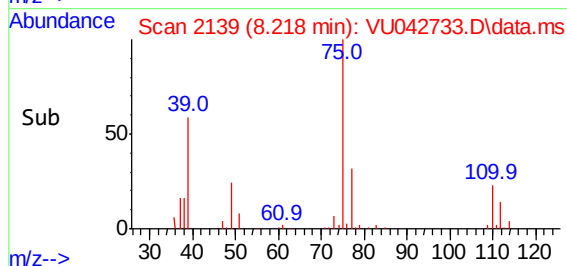
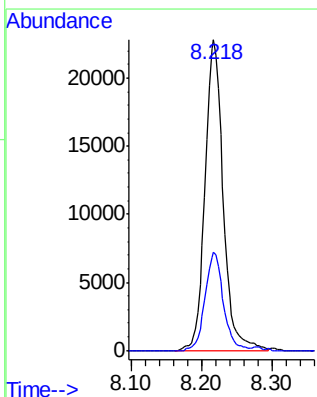
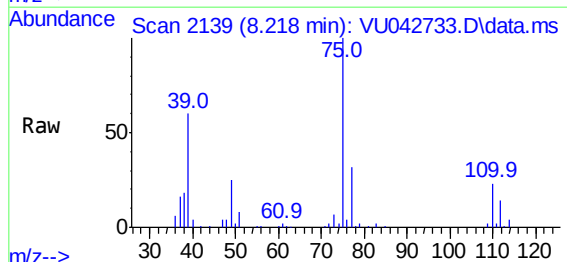
Instrument :
MSVOA_U
ClientSampleId :
VSTD00509

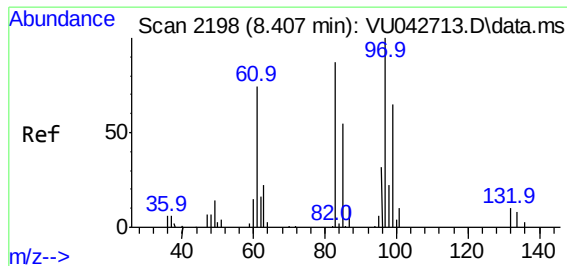
Tgt Ion: 91 Resp: 127191
Ion Ratio Lower Upper
91 100
92 57.1 41.2 76.6



#44
trans-1,3-Dichloropropene
Concen: 4.73 ug/L
RT: 8.218 min Scan# 2139
Delta R.T. 0.000 min
Lab File: VU042733.D
Acq: 19 Mar 2021 20:13

Tgt Ion: 75 Resp: 40719
Ion Ratio Lower Upper
75 100
77 31.7 21.8 40.4



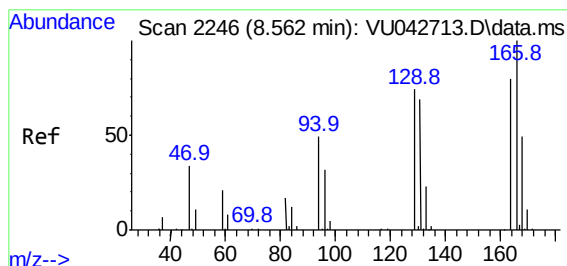
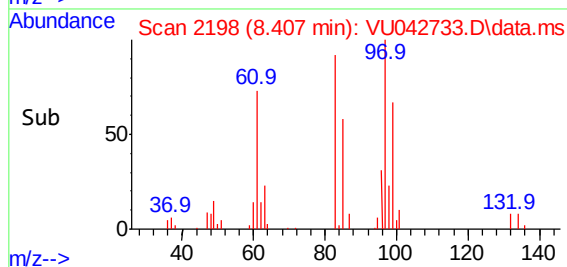
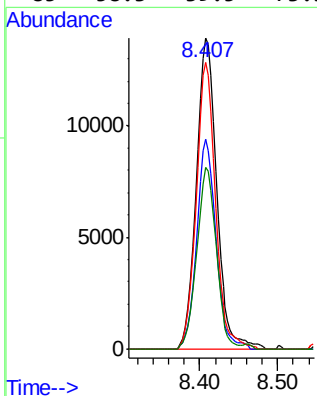
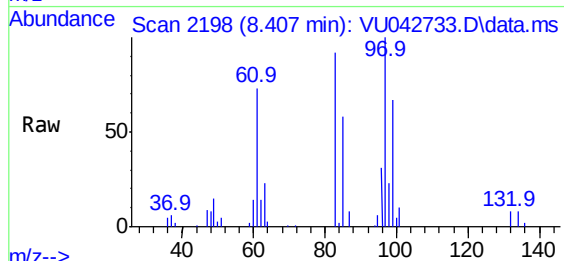


#45
1,1,2-Trichloroethane
Concen: 5.30 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. 0.000 min
Lab File: VU042733.D
Acq: 19 Mar 2021 20:13

Instrument :
MSVOA_U
ClientSampleId :
VSTD00509

Tgt Ion: 97 Resp: 25030

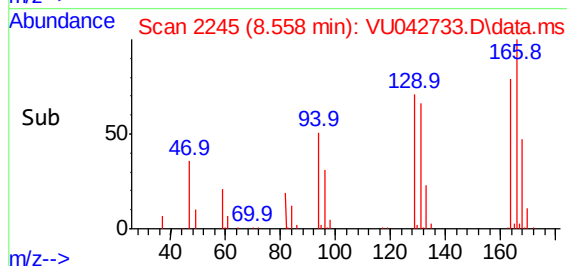
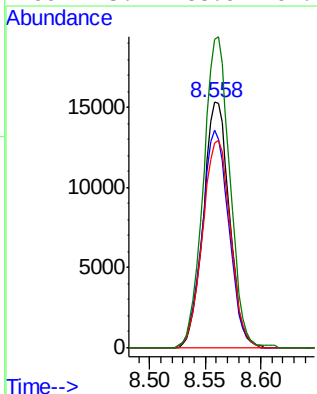
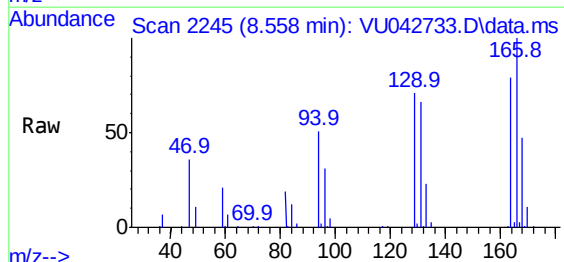
Ion	Ratio	Lower	Upper
97	100		
99	67.5	44.0	81.8
83	92.3	57.6	107.0
85	58.3	39.5	73.3

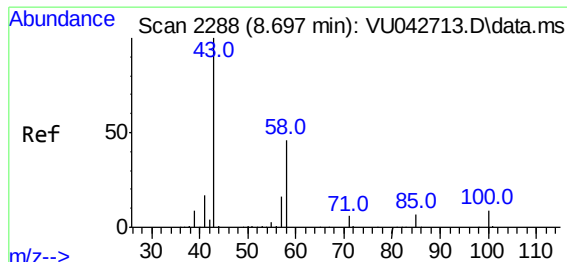


#47
Tetrachloroethene
Concen: 4.63 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VU042733.D
Acq: 19 Mar 2021 20:13

Tgt Ion: 164 Resp: 24857

Ion	Ratio	Lower	Upper
164	100		
129	88.8	64.3	119.5
131	83.3	62.2	115.6
166	125.9	88.6	164.6



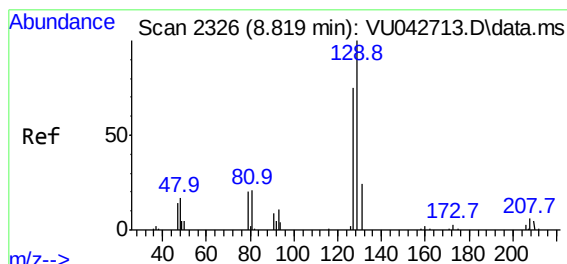
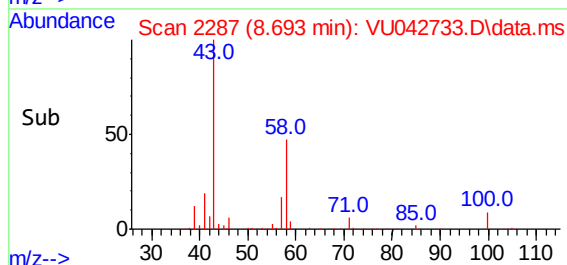
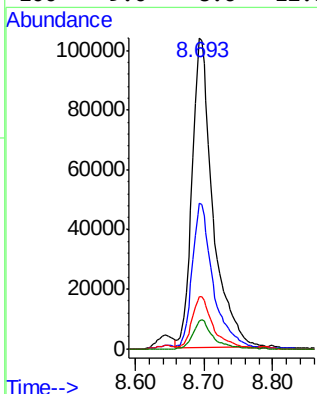
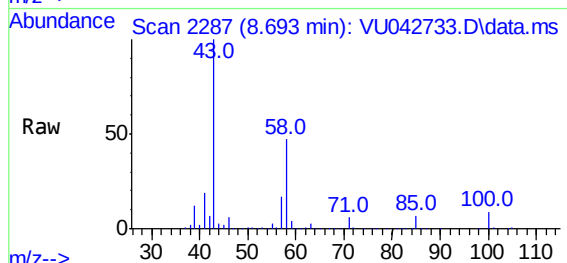


#48
2-Hexanone
Concen: 52.89 ug/L
RT: 8.693 min Scan# 2287
Delta R.T. -0.003 min
Lab File: VU042733.D
Acq: 19 Mar 2021 20:13

Instrument :
MSVOA_U
ClientSampleId :
VSTD00509

Tgt Ion: 43 Resp: 217972

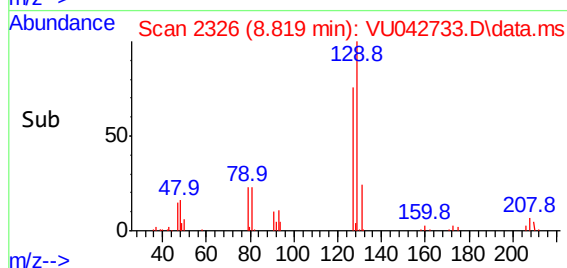
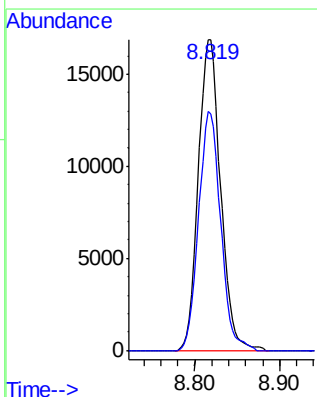
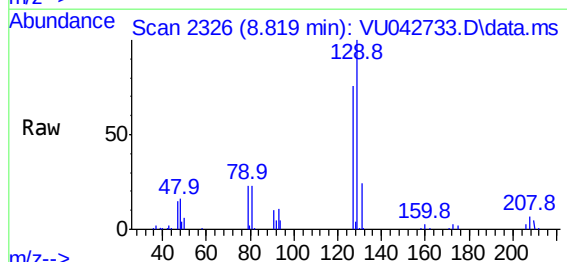
Ion	Ratio	Lower	Upper
43	100		
58	47.4	40.6	61.0
57	17.2	14.9	22.3
100	9.0	8.6	12.8

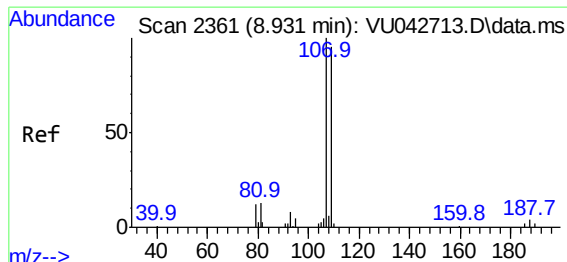


#49
Dibromochloromethane
Concen: 5.17 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VU042733.D
Acq: 19 Mar 2021 20:13

Tgt Ion: 129 Resp: 30571

Ion	Ratio	Lower	Upper
129	100		
127	76.2	52.3	97.1

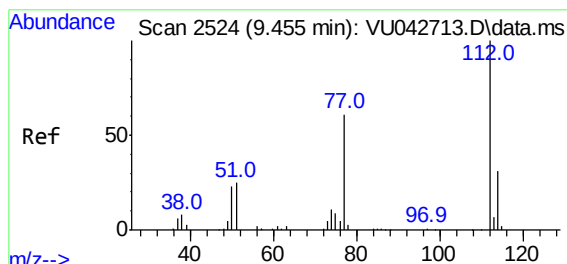
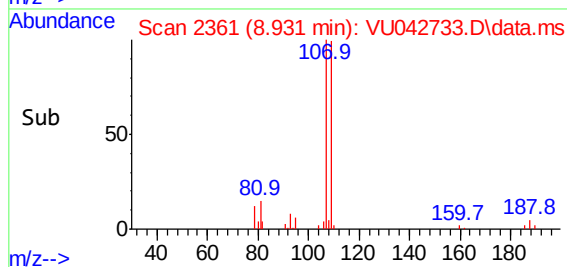
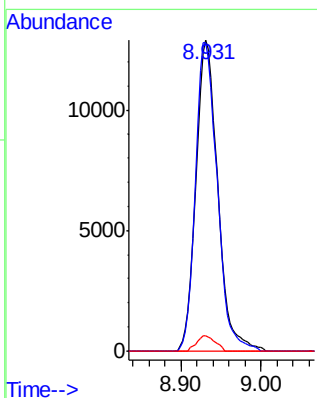
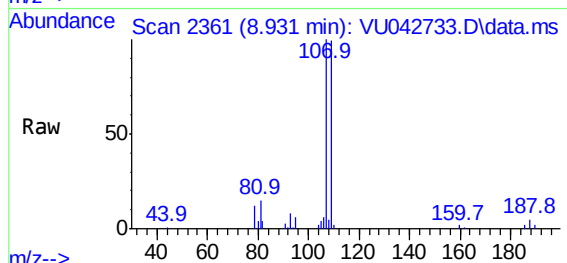




#50
1,2-Dibromoethane
Concen: 5.09 ug/L
RT: 8.931 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VU042733.D
Acq: 19 Mar 2021 20:13

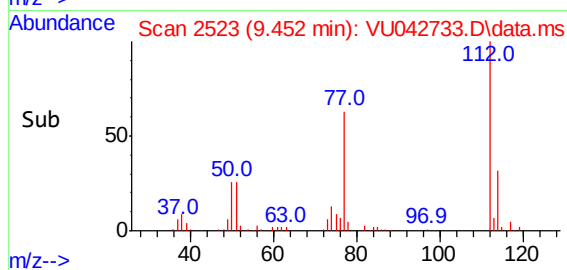
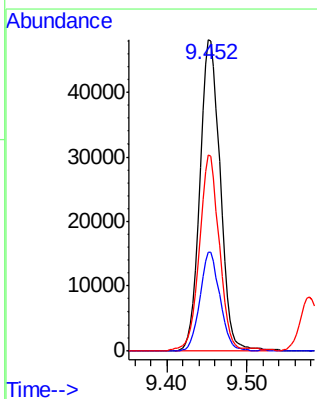
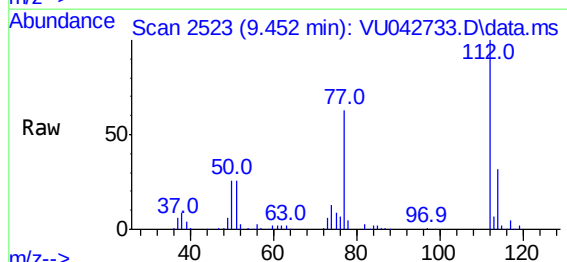
Instrument :
MSVOA_U
ClientSampleId :
VSTD00509

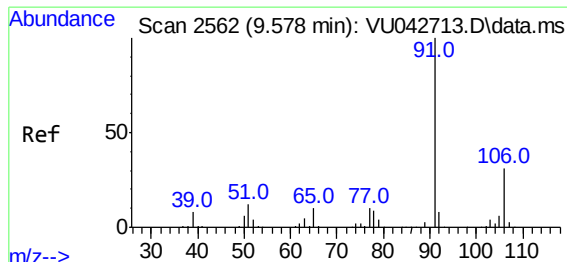
Tgt Ion:107 Resp: 23702
Ion Ratio Lower Upper
107 100
109 99.2 65.5 121.6
188 5.0 3.4 5.2



#51
Chlorobenzene
Concen: 4.92 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. -0.003 min
Lab File: VU042733.D
Acq: 19 Mar 2021 20:13

Tgt Ion:112 Resp: 81470
Ion Ratio Lower Upper
112 100
114 31.7 22.0 41.0
77 63.0 49.8 74.6

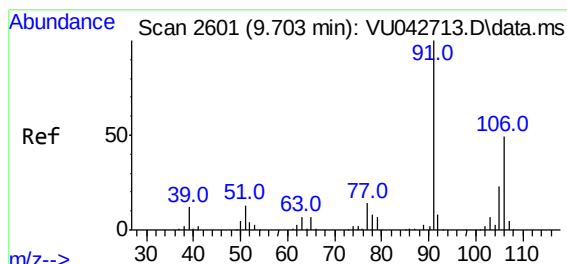
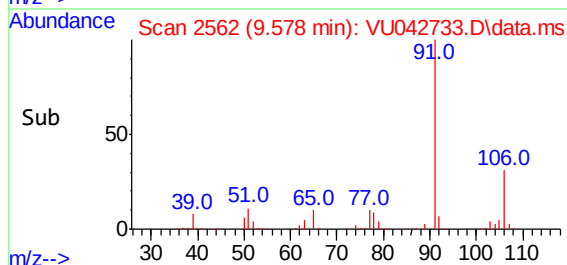
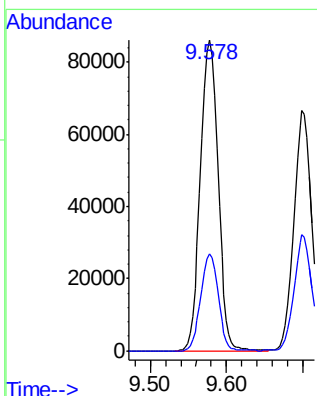
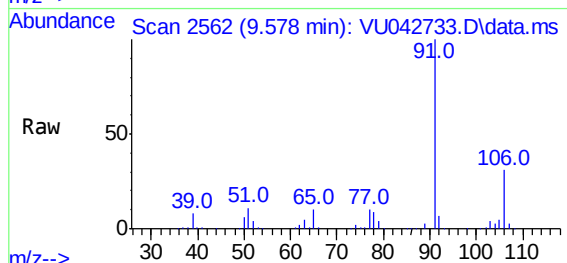




#52
Ethylbenzene
Concen: 4.77 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU042733.D
Acq: 19 Mar 2021 20:13

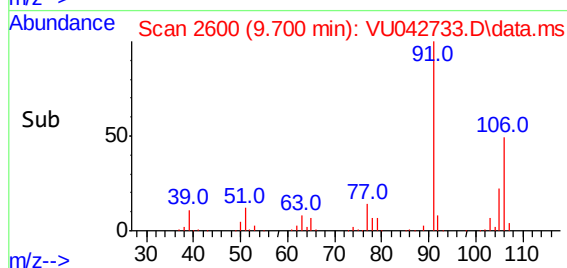
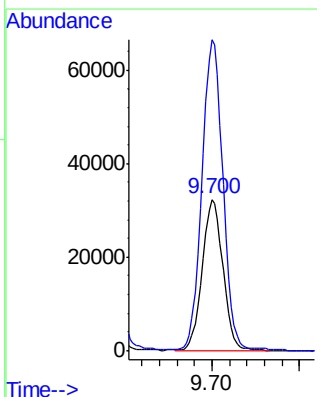
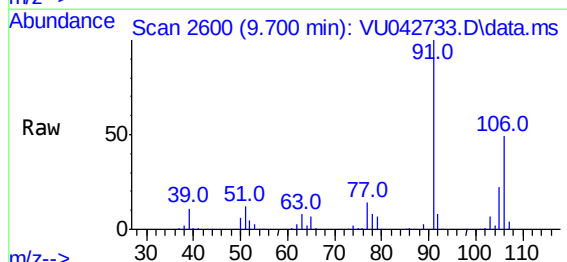
Instrument :
MSVOA_U
ClientSampleId :
VSTD00509

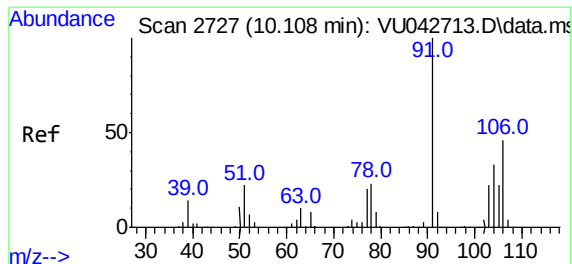
Tgt Ion: 91 Resp: 139200
Ion Ratio Lower Upper
91 100
106 31.4 21.1 39.3



#53
m,p-Xylene
Concen: 4.90 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.003 min
Lab File: VU042733.D
Acq: 19 Mar 2021 20:13

Tgt Ion: 106 Resp: 52891
Ion Ratio Lower Upper
106 100
91 206.0 145.1 269.5

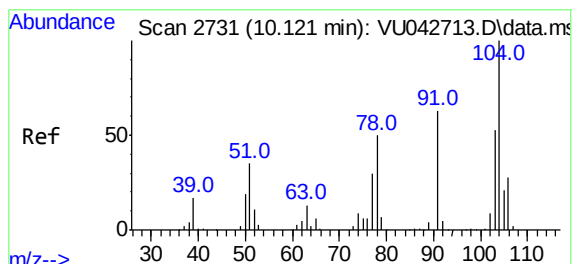
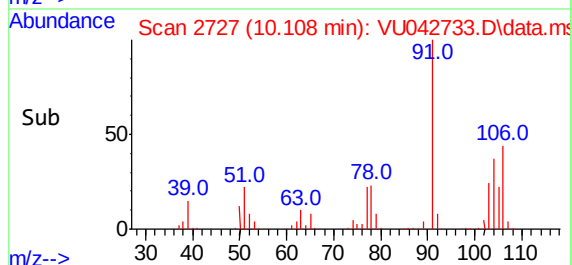
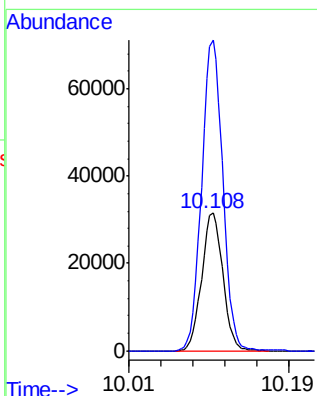
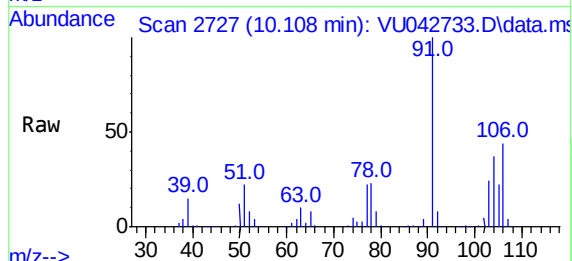




#54
o-Xylene
Concen: 4.87 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU042733.D
Acq: 19 Mar 2021 20:13

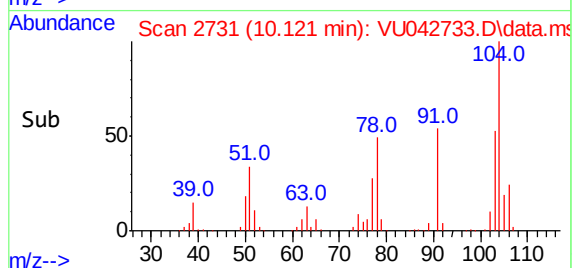
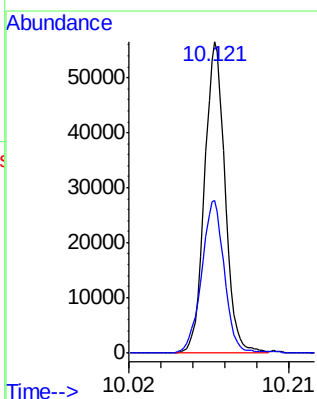
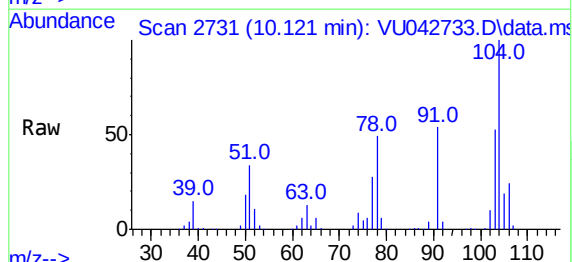
Instrument :
MSVOA_U
ClientSampleId :
VSTD00509

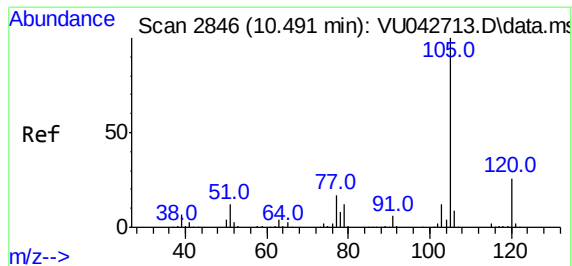
Tgt Ion:106 Resp: 50933
Ion Ratio Lower Upper
106 100
91 225.6 153.0 284.2



#55
Styrene
Concen: 5.13 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. 0.000 min
Lab File: VU042733.D
Acq: 19 Mar 2021 20:13

Tgt Ion:104 Resp: 91045
Ion Ratio Lower Upper
104 100
78 48.7 34.9 64.7

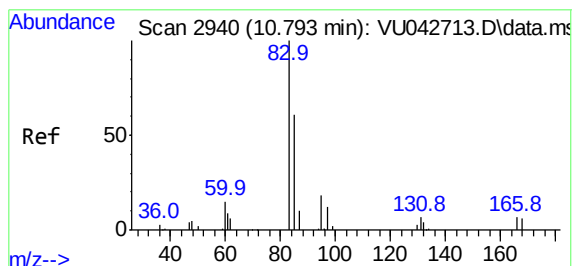
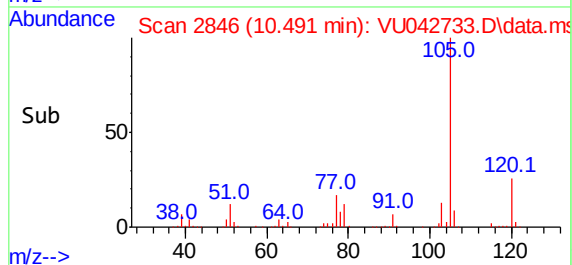
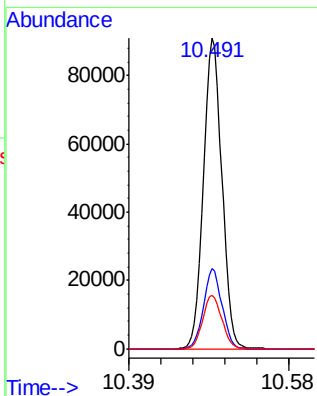
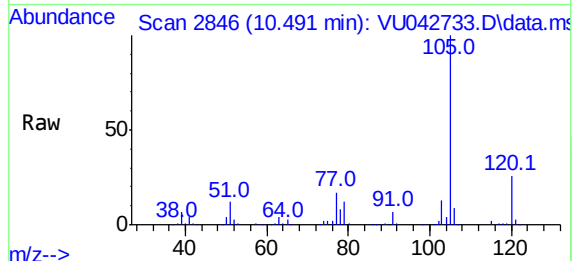




#56
Isopropylbenzene
Concen: 4.92 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. 0.000 min
Lab File: VU042733.D
Acq: 19 Mar 2021 20:13

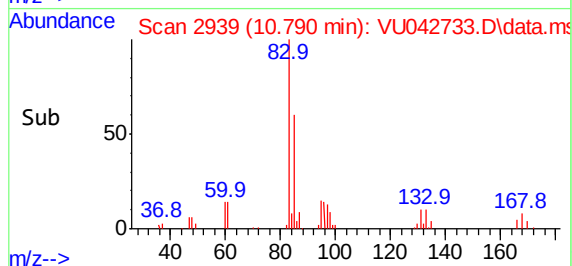
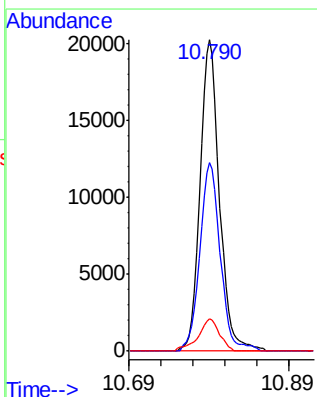
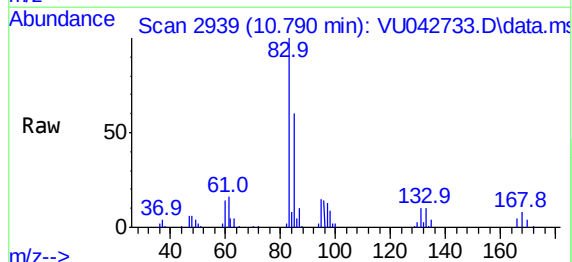
Instrument :
MSVOA_U
ClientSampleId :
VSTD00509

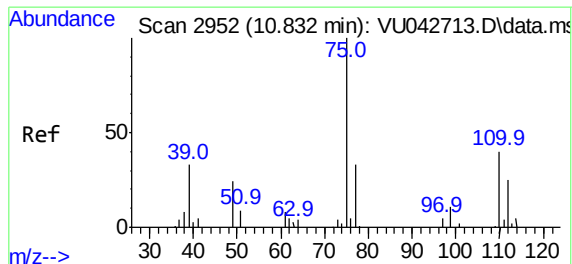
Tgt Ion:105 Resp: 141254
Ion Ratio Lower Upper
105 100
120 25.6 20.8 31.2
77 17.9 13.4 20.0



#58
1,1,2,2-Tetrachloroethane
Concen: 5.23 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. -0.003 min
Lab File: VU042733.D
Acq: 19 Mar 2021 20:13

Tgt Ion: 83 Resp: 33101
Ion Ratio Lower Upper
83 100
85 60.4 44.4 82.4
131 10.0 8.6 12.8

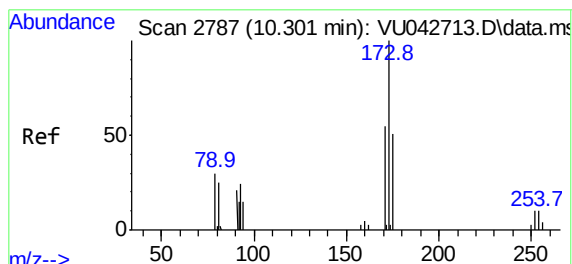
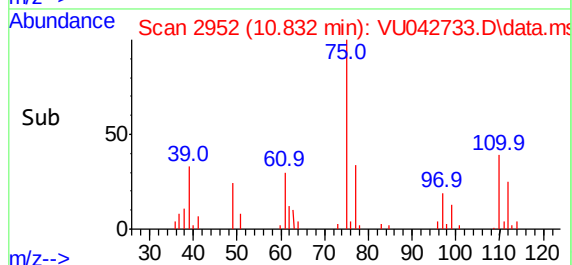
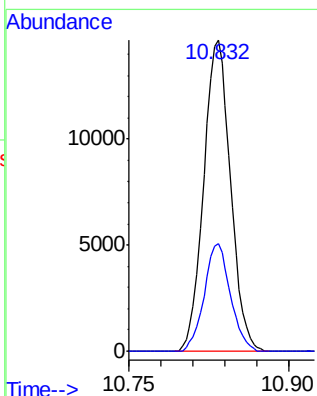
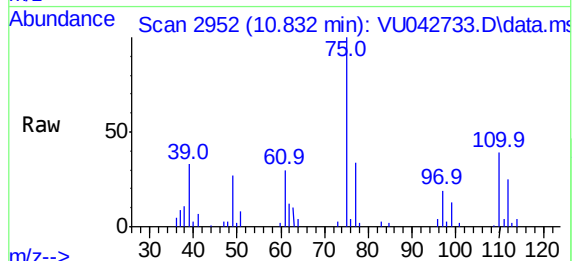




#59
1,2,3-Trichloropropane
Concen: 5.09 ug/L
RT: 10.832 min Scan# 2952
Delta R.T. 0.000 min
Lab File: VU042733.D
Acq: 19 Mar 2021 20:13

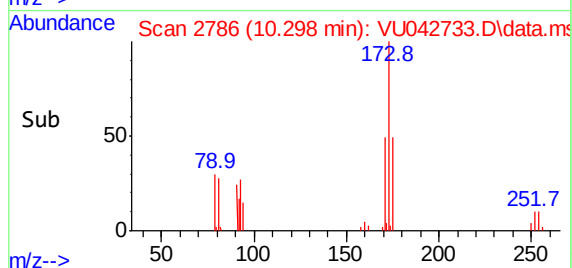
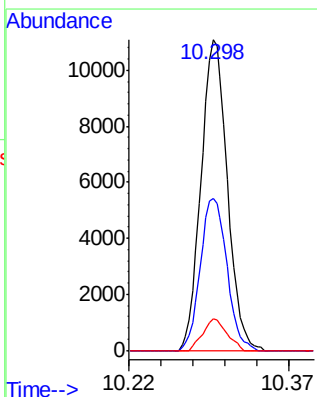
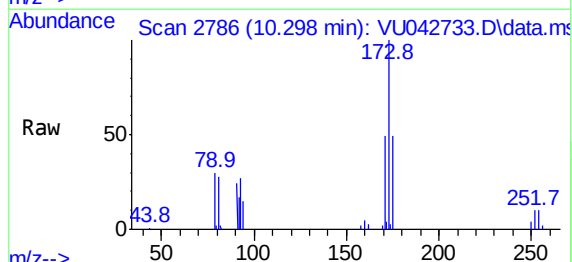
Instrument :
MSVOA_U
ClientSampleId :
VSTD00509

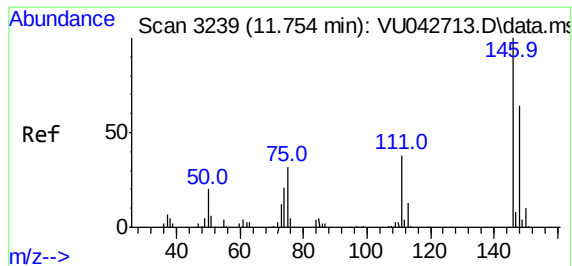
Tgt Ion: 75 Resp: 24521
Ion Ratio Lower Upper
75 100
77 33.4 26.0 39.0



#61
Bromoform
Concen: 4.93 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. -0.003 min
Lab File: VU042733.D
Acq: 19 Mar 2021 20:13

Tgt Ion:173 Resp: 18773
Ion Ratio Lower Upper
173 100
175 49.4 38.7 58.1
254 9.2 7.9 11.9

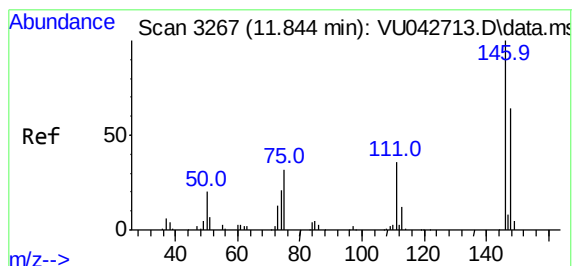
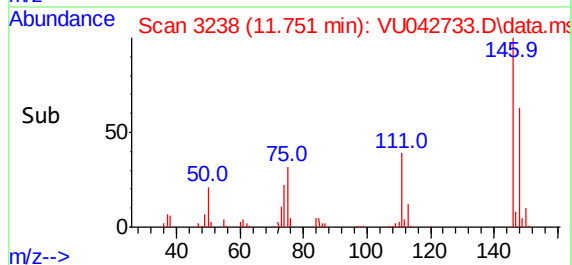
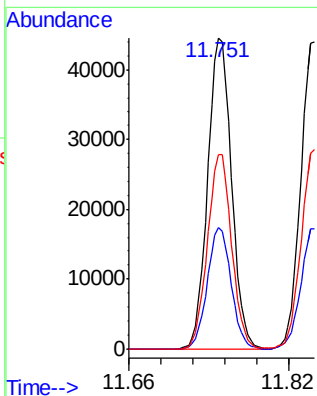
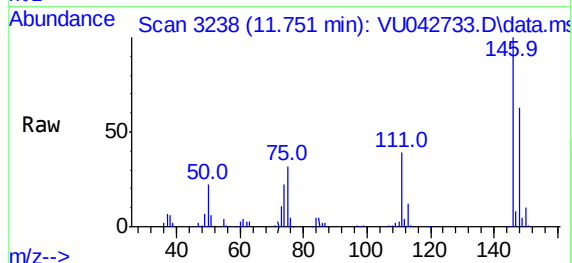




#62
1,3-Dichlorobenzene
Concen: 4.90 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. -0.003 min
Lab File: VU042733.D
Acq: 19 Mar 2021 20:13

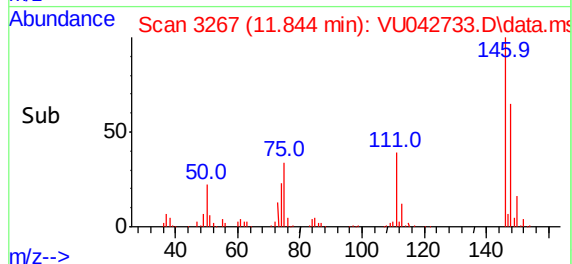
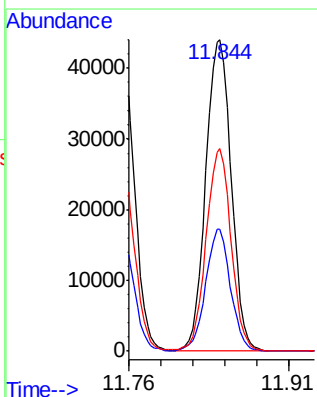
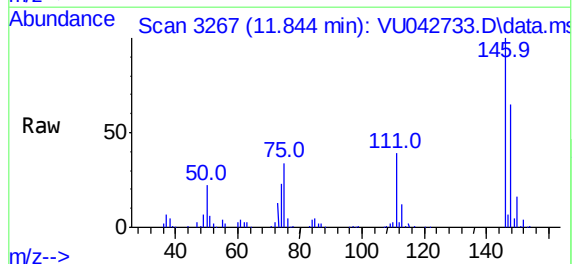
Instrument :
MSVOA_U
ClientSampleId :
VSTD00509

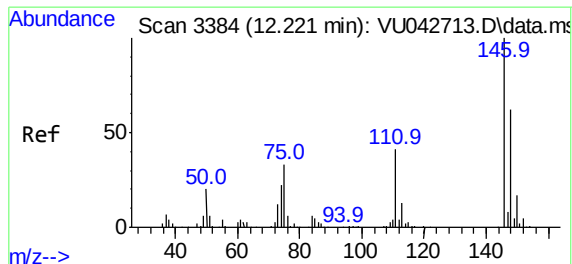
Tgt Ion:146 Resp: 71402
Ion Ratio Lower Upper
146 100
111 38.9 27.2 50.4
148 62.5 44.6 82.8



#63
1,4-Dichlorobenzene
Concen: 4.97 ug/L
RT: 11.844 min Scan# 3267
Delta R.T. 0.000 min
Lab File: VU042733.D
Acq: 19 Mar 2021 20:13

Tgt Ion:146 Resp: 72123
Ion Ratio Lower Upper
146 100
111 39.2 25.8 47.8
148 65.1 44.1 81.9

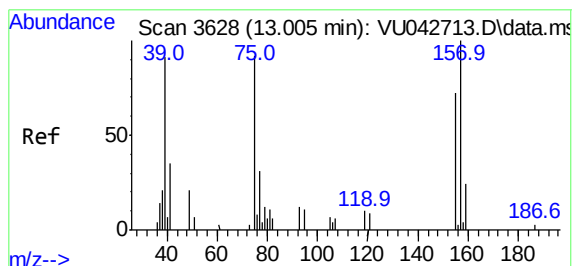
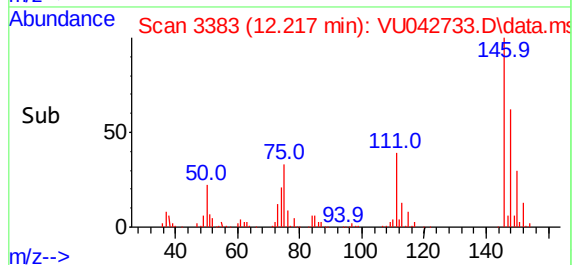
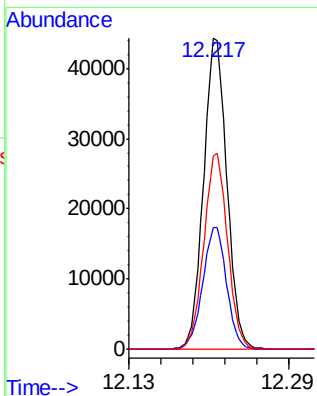
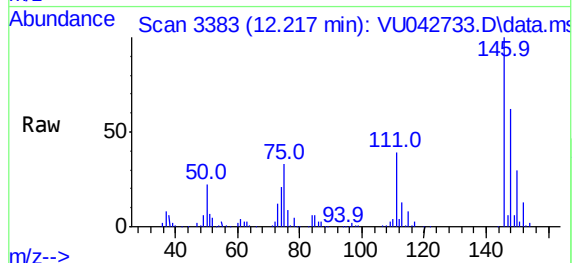




#65
1,2-Dichlorobenzene
Concen: 5.12 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. -0.003 min
Lab File: VU042733.D
Acq: 19 Mar 2021 20:13

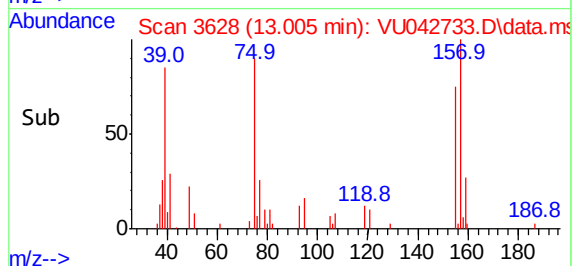
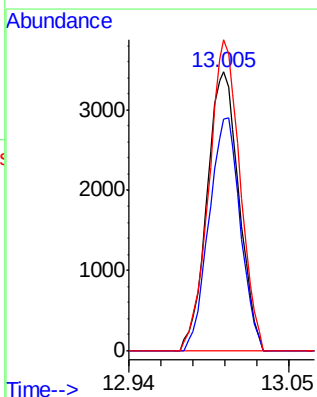
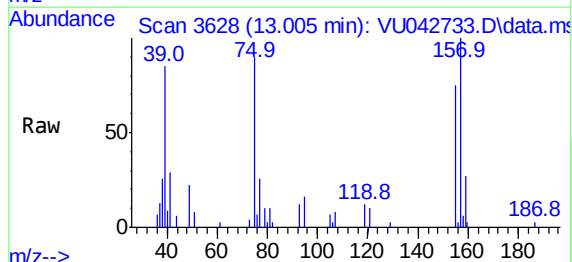
Instrument :
MSVOA_U
ClientSampleId :
VSTD00509

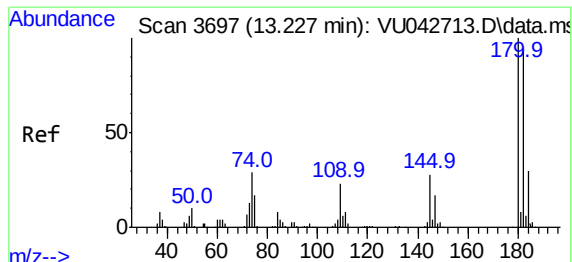
Tgt Ion:146 Resp: 71661
Ion Ratio Lower Upper
146 100
111 39.1 32.7 49.1
148 62.2 51.7 77.5



#66
1,2-Dibromo-3-chloropropane
Concen: 4.72 ug/L
RT: 13.005 min Scan# 3628
Delta R.T. 0.000 min
Lab File: VU042733.D
Acq: 19 Mar 2021 20:13

Tgt Ion: 75 Resp: 5558
Ion Ratio Lower Upper
75 100
155 83.2 69.0 103.6
157 111.5 91.0 136.6

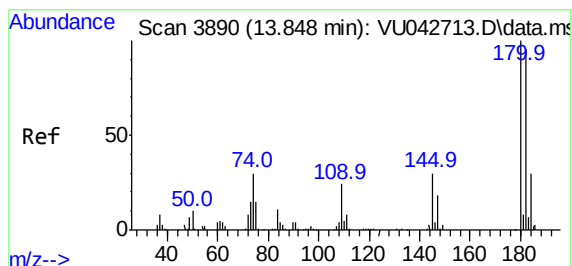
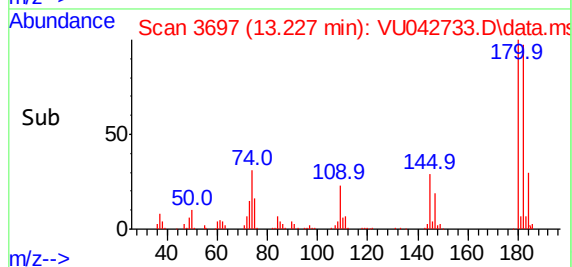
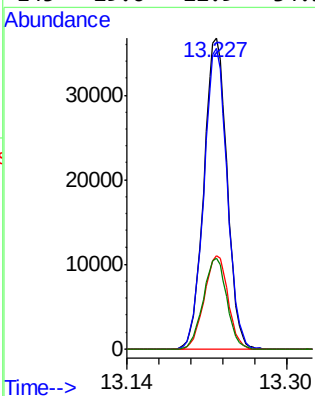
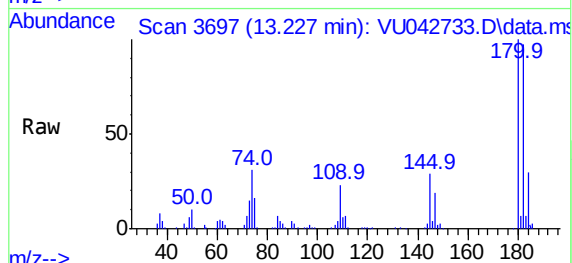




#67
1,3,5-Trichlorobenzene
Concen: 4.51 ug/L
RT: 13.227 min Scan# 3697
Delta R.T. 0.000 min
Lab File: VU042733.D
Acq: 19 Mar 2021 20:13

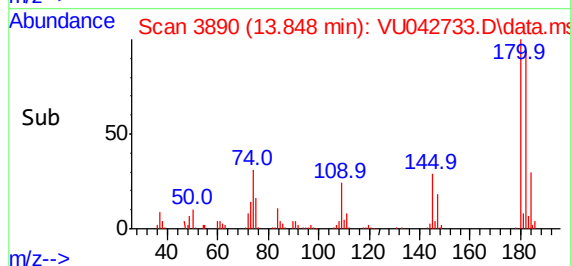
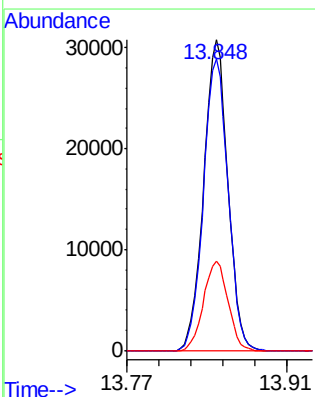
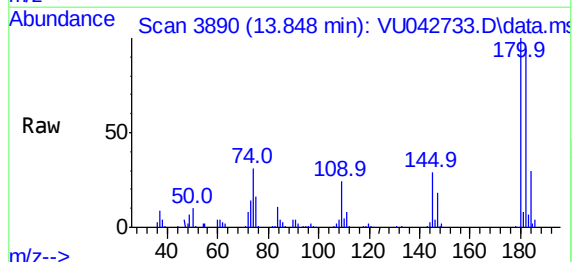
Instrument :
MSVOA_U
ClientSampleId :
VSTD00509

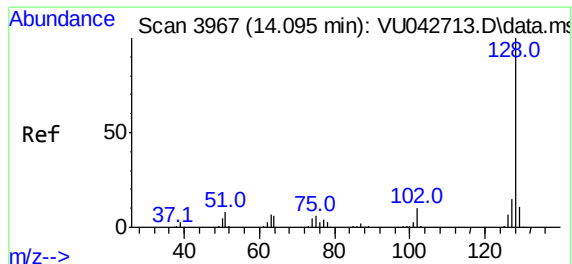
Tgt Ion:180 Resp: 56937
Ion Ratio Lower Upper
180 100
182 97.5 76.4 114.6
184 30.5 23.9 35.9
145 29.6 22.9 34.3



#68
1,2,4-trichlorobenzene
Concen: 4.44 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. 0.000 min
Lab File: VU042733.D
Acq: 19 Mar 2021 20:13

Tgt Ion:180 Resp: 46355
Ion Ratio Lower Upper
180 100
182 95.7 76.3 114.5
145 29.1 23.7 35.5

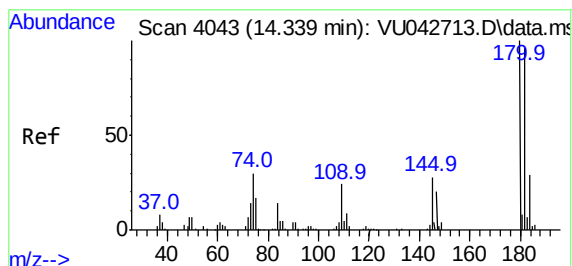
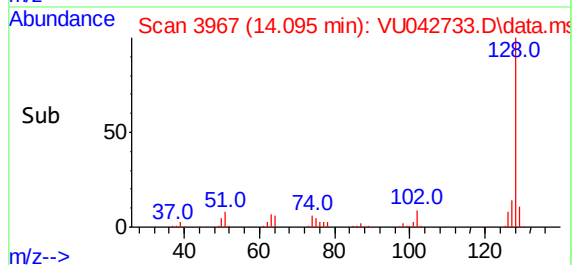
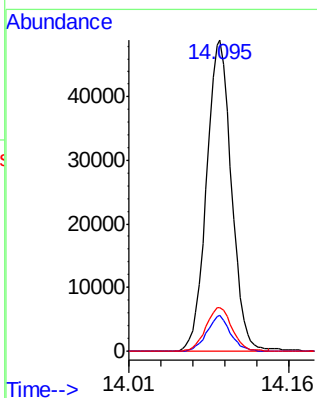
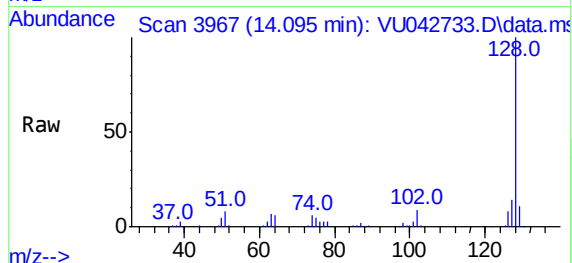




#69
Naphthalene
Concen: 4.61 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU042733.D
Acq: 19 Mar 2021 20:13

Instrument :
MSVOA_U
ClientSampleId :
VSTD00509

Tgt Ion:128 Resp: 78302
Ion Ratio Lower Upper
128 100
129 10.6 8.7 13.1
127 14.4 10.6 15.8



#70
1,2,3-Trichlorobenzene
Concen: 4.80 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. -0.003 min
Lab File: VU042733.D
Acq: 19 Mar 2021 20:13

Tgt Ion:180 Resp: 45483
Ion Ratio Lower Upper
180 100
182 96.6 75.6 113.4
145 30.7 24.7 37.1

