

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052421\
 Data File : VU043964.D
 Acq On : 25 May 2021 15:44
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005144

Quant Time: May 25 16:05:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR052421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 25 07:46:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	234715	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	240000	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	134369	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	57917	4.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.60%
7) Chloroethane-d5	1.919	69	43047	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.40%
11) 1,1-Dichloroethene-d2	2.575	65	26395	4.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.00%
20) 2-Butanone-d5	4.645	46	124241	29.99	ug/L	-0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	59.98%
24) Chloroform-d	5.076	84	135638	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	5.713	65	68679	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
32) Benzene-d6	5.739	84	268678	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
36) 1,2-Dichloropropane-d6	6.700	67	84469	4.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.00%
41) Toluene-d8	7.906	98	257400	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
43) trans-1,3-Dichloroprop...	8.189	79	33281	4.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.80%
46) 2-Hexanone-d5	8.645	63	153461	47.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.60%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	82261	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.20%
66) 1,2-Dichlorobenzene-d4	12.201	152	107210	4.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.80%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	82324	5.11	ug/L	97
3) Chloromethane	1.523	50	84549	5.04	ug/L	100
5) Vinyl chloride	1.610	62	90818	5.78	ug/L	99
6) Bromomethane	1.864	94	51457	5.38	ug/L	98
8) Chloroethane	1.941	64	48049	5.60	ug/L	96
9) Trichlorofluoromethane	2.147	101	111203	5.28	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	83818	5.41	ug/L	98
12) 1,1-Dichloroethene	2.588	96	81806	5.40	ug/L	97
13) Acetone	2.652	43	76905	35.20	ug/L	68
14) Carbon disulfide	2.803	76	242810	5.31	ug/L	100
15) Methyl Acetate	2.964	43	24384	3.98	ug/L #	74
16) Methylene chloride	3.054	84	94797	4.88	ug/L	99
17) Methyl tert-butyl Ether	3.375	73	159456	4.86	ug/L	99
18) trans-1,2-Dichloroethene	3.363	96	80473	5.19	ug/L	96
19) 1,1-Dichloroethane	3.880	63	140875	5.21	ug/L	100
21) 2-Butanone	4.726	43	143704	33.15	ug/L	96
22) cis-1,2-Dichloroethene	4.681	96	83760	4.97	ug/L	97
23) Bromochloromethane	4.983	128	44173	5.10	ug/L	96
25) Chloroform	5.099	83	151967	5.05	ug/L	99

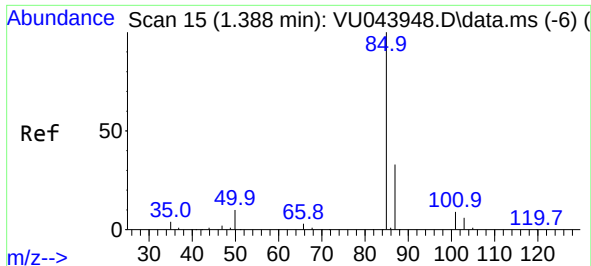
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.806	62	84766	4.76	ug/L	99
29) 1,1,1-Trichloroethane	5.327	97	126137	5.07	ug/L	99
30) Cyclohexane	5.401	56	112709	4.95	ug/L	97
31) Carbon tetrachloride	5.536	117	107448	5.05	ug/L	98
33) Benzene	5.784	78	333892	5.15	ug/L	100
34) Trichloroethene	6.552	95	86631	5.13	ug/L	99
35) Methylcyclohexane	6.774	83	124294	5.05	ug/L	99
37) 1,2-Dichloropropane	6.800	63	85124	4.95	ug/L	100
38) Bromodichloromethane	7.115	83	105580	5.11	ug/L	99
39) cis-1,3-Dichloropropene	7.616	75	109729	4.91	ug/L	100
40) 4-Methyl-2-pentanone	7.803	43	492432	50.86	ug/L	99
42) Toluene	7.977	91	372816	5.45	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	98183	5.12	ug/L	97
45) 1,1,2-Trichloroethane	8.407	97	68975	5.25	ug/L	97
47) Tetrachloroethene	8.562	164	76806	5.28	ug/L	98
48) 2-Hexanone	8.697	43	381779	52.81	ug/L	99
49) Dibromochloromethane	8.819	129	78900	5.18	ug/L	96
50) 1,2-Dibromoethane	8.931	107	63964	5.24	ug/L	98
51) Chlorobenzene	9.456	112	226489	5.07	ug/L	98
52) Ethylbenzene	9.578	91	348138	5.13	ug/L	99
53) m,p-Xylene	9.703	106	141102	5.26	ug/L	97
54) o-Xylene	10.108	106	136209	5.36	ug/L	99
55) Styrene	10.121	104	237799	5.43	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.790	83	82710	5.04	ug/L	100
59) Bromoform	10.298	173	46321	4.80	ug/L	99
60) Isopropylbenzene	10.491	105	345057	5.17	ug/L	99
61) 1,2,3-Trichloropropane	10.832	75	58959	4.78	ug/L	98
62) 1,3,5-Trimethylbenzene	11.095	105	268463	5.08	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	279104	5.16	ug/L	99
64) 1,3-Dichlorobenzene	11.755	146	187359	5.05	ug/L	98
65) 1,4-Dichlorobenzene	11.845	146	186988	5.04	ug/L	98
67) 1,2-Dichlorobenzene	12.221	146	178889	5.01	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.005	75	11343	4.81	ug/L	95
69) 1,3,5-Trichlorobenzene	13.227	180	142786	4.88	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	107988	4.70	ug/L	100
71) Naphthalene	14.095	128	164459	4.47	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	107779	4.92	ug/L	99

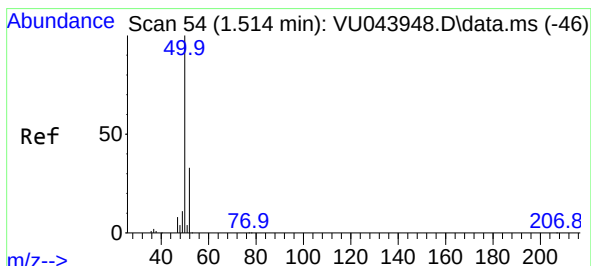
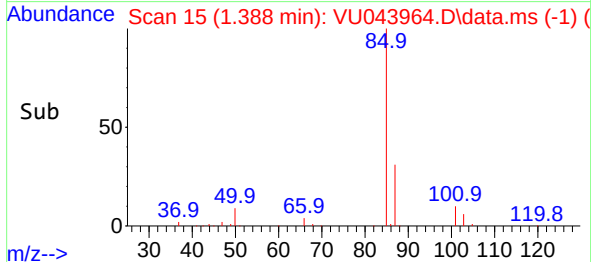
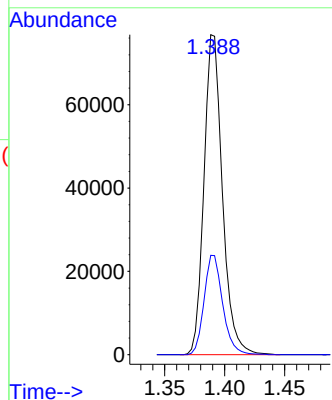
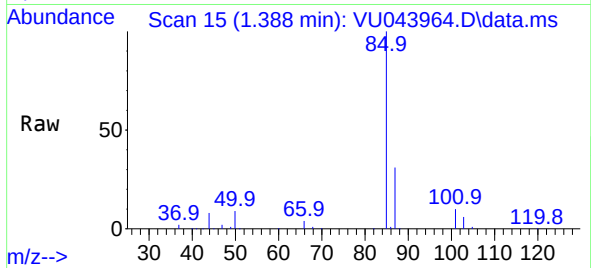
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 5.11 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU043964.D
Acq: 25 May 2021 15:44

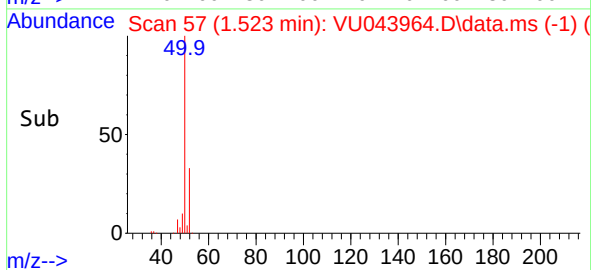
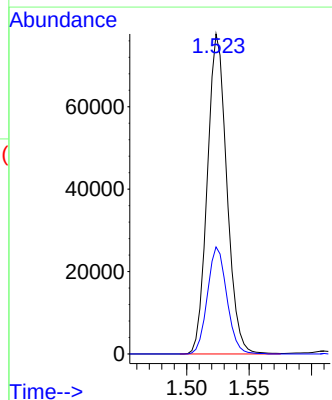
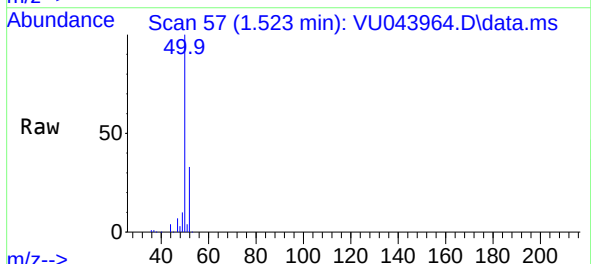
Instrument :
MSVOA_U
ClientSampleId :
VSTD005144

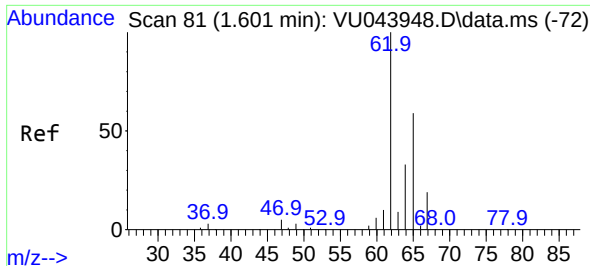
Tgt Ion: 85 Resp: 82324
Ion Ratio Lower Upper
85 100
87 31.3 26.2 39.4



#3
Chloromethane
Concen: 5.04 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.010 min
Lab File: VU043964.D
Acq: 25 May 2021 15:44

Tgt Ion: 50 Resp: 84549
Ion Ratio Lower Upper
50 100
52 33.4 23.4 43.4

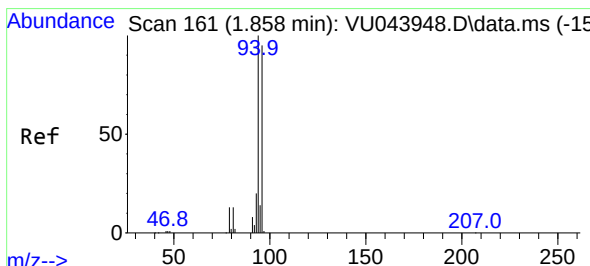
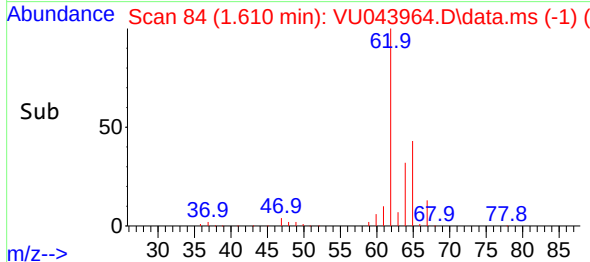
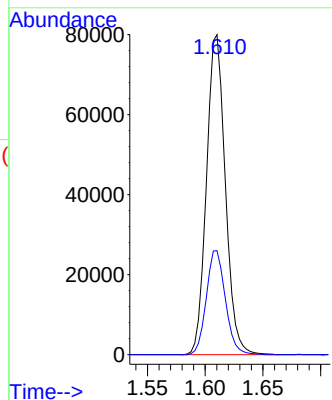
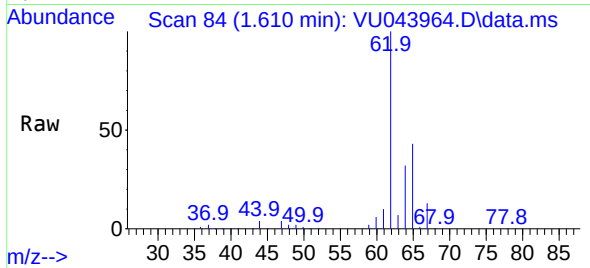




#5
 Vinyl chloride
 Concen: 5.78 ug/L
 RT: 1.610 min Scan# 84
 Delta R.T. 0.010 min
 Lab File: VU043964.D
 Acq: 25 May 2021 15:44

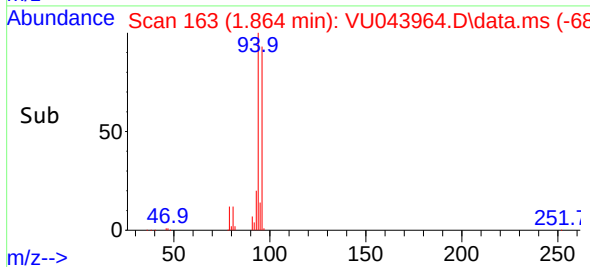
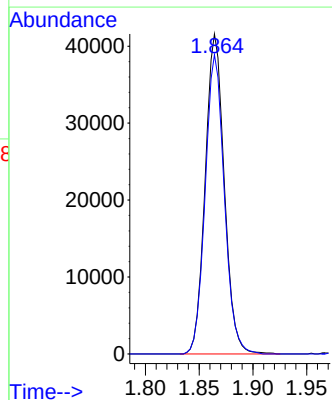
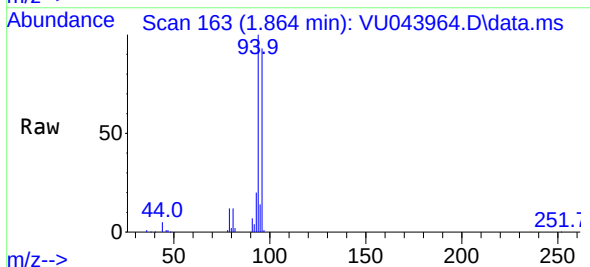
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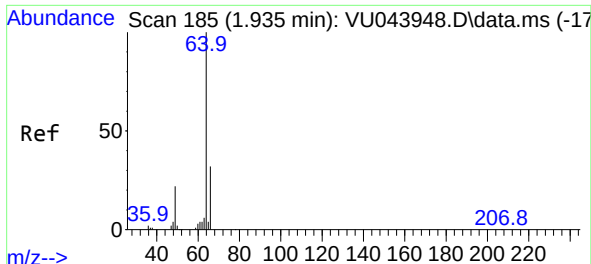
Tgt Ion: 62 Resp: 90818
 Ion Ratio Lower Upper
 62 100
 64 32.5 23.2 43.2



#6
 Bromomethane
 Concen: 5.38 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.007 min
 Lab File: VU043964.D
 Acq: 25 May 2021 15:44

Tgt Ion: 94 Resp: 51457
 Ion Ratio Lower Upper
 94 100
 96 93.5 67.1 124.7

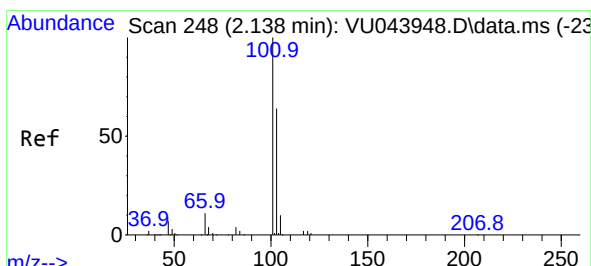
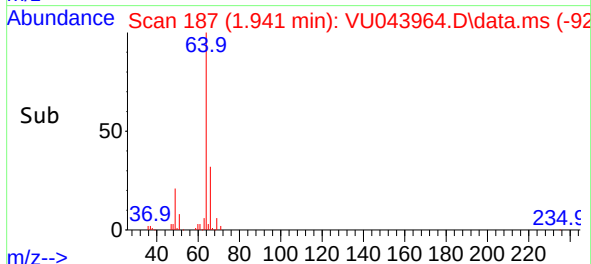
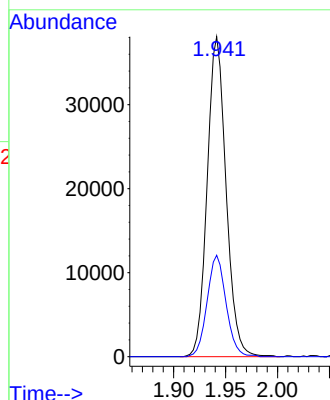
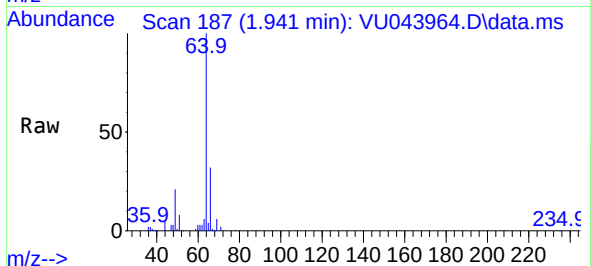




#8
Chloroethane
Concen: 5.60 ug/L
RT: 1.941 min Scan# 187
Delta R.T. 0.007 min
Lab File: VU043964.D
Acq: 25 May 2021 15:44

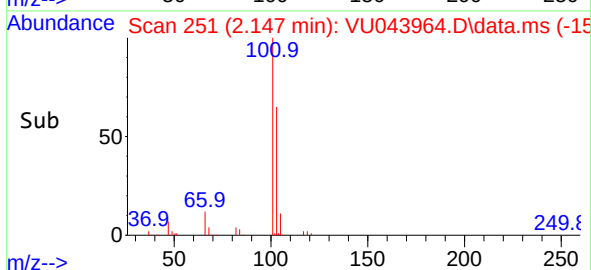
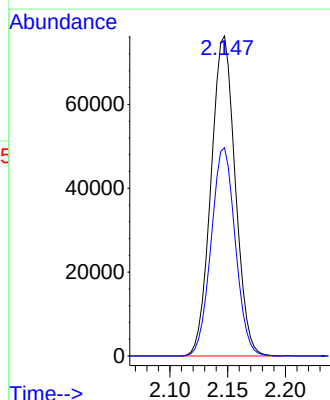
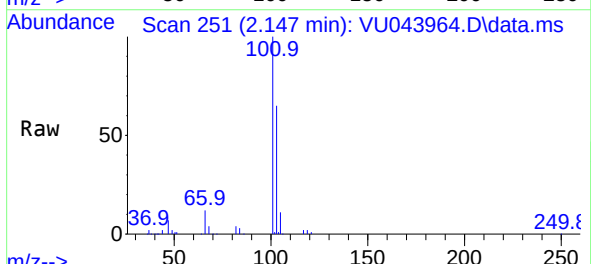
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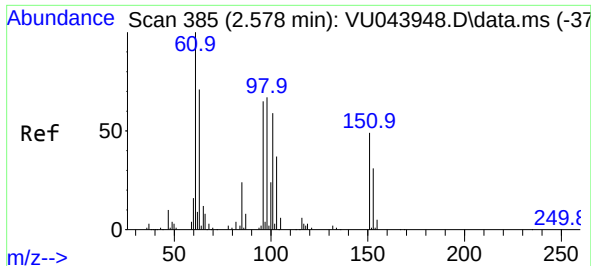
Tgt Ion: 64 Resp: 48049
Ion Ratio Lower Upper
64 100
66 31.7 23.7 44.1



#9
Trichlorofluoromethane
Concen: 5.28 ug/L
RT: 2.147 min Scan# 251
Delta R.T. 0.010 min
Lab File: VU043964.D
Acq: 25 May 2021 15:44

Tgt Ion: 101 Resp: 111203
Ion Ratio Lower Upper
101 100
103 65.0 51.5 77.3

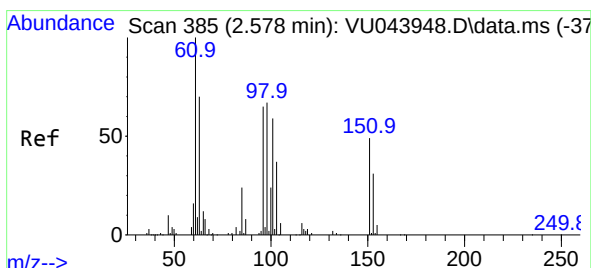
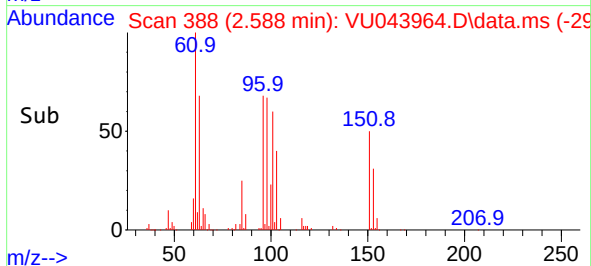
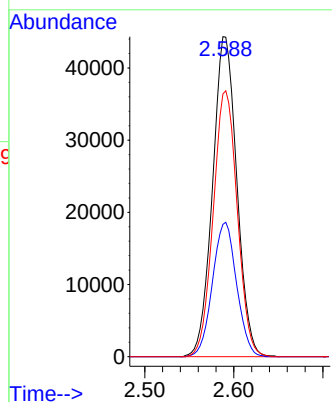
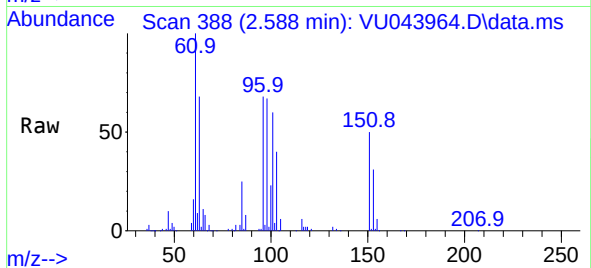




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.41 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.010 min
Lab File: VU043964.D
Acq: 25 May 2021 15:44

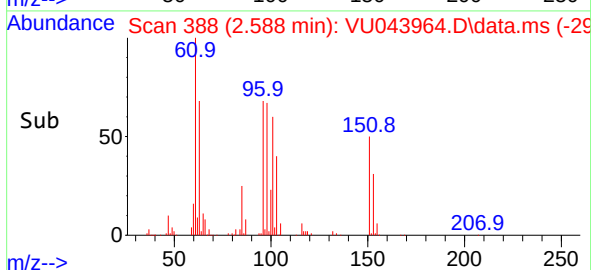
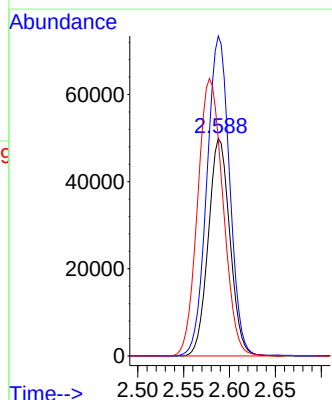
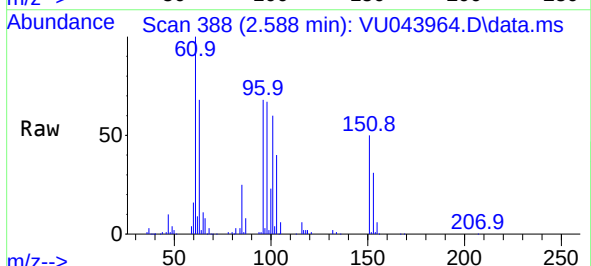
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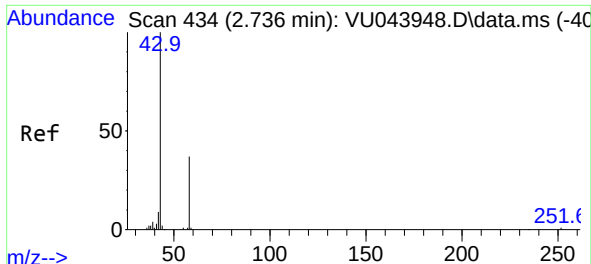
Tgt Ion:101 Resp: 83818
Ion Ratio Lower Upper
101 100
85 41.7 32.5 48.7
151 82.4 64.9 97.3



#12
1,1-Dichloroethene
Concen: 5.40 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.010 min
Lab File: VU043964.D
Acq: 25 May 2021 15:44

Tgt Ion: 96 Resp: 81806
Ion Ratio Lower Upper
96 100
61 147.0 105.1 195.3
63 99.8 66.6 123.6

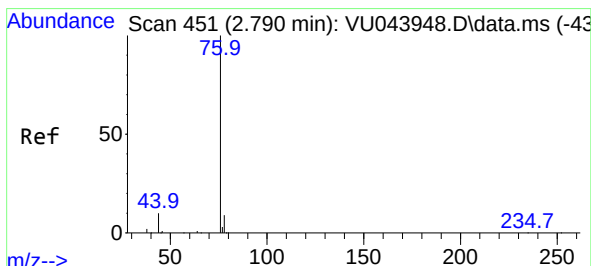
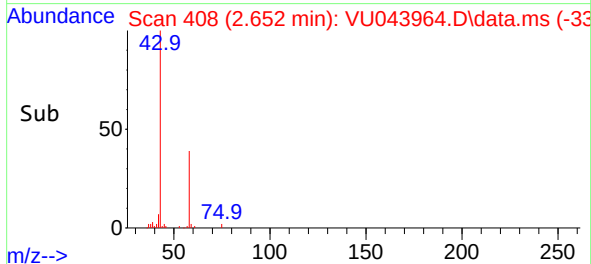
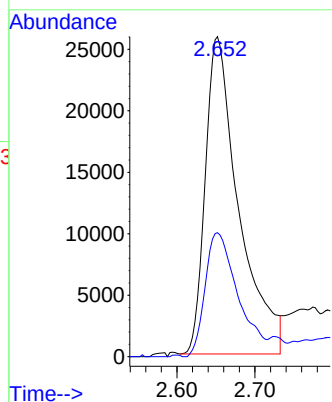
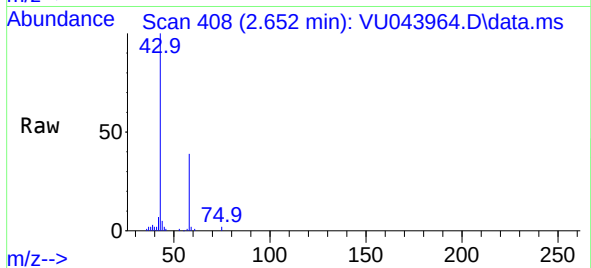




#13
Acetone
Concen: 35.20 ug/L
RT: 2.652 min Scan# 408
Delta R.T. -0.071 min
Lab File: VU043964.D
Acq: 25 May 2021 15:44

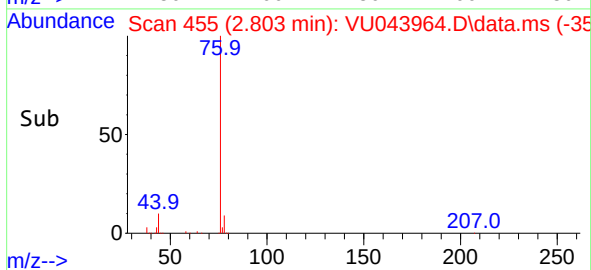
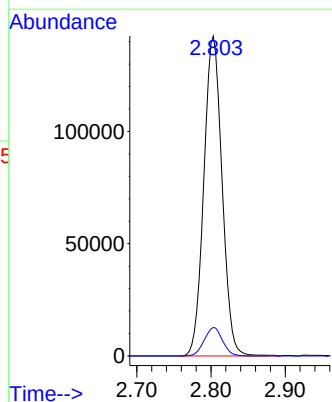
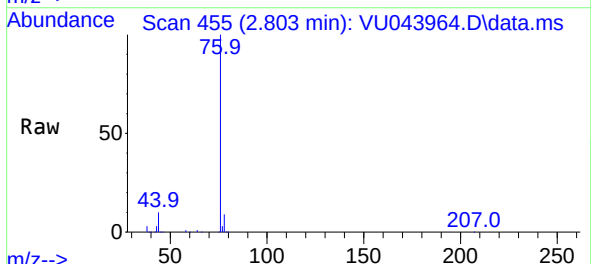
Instrument :
MSVOA_U
ClientSampleId :
VSTD005144

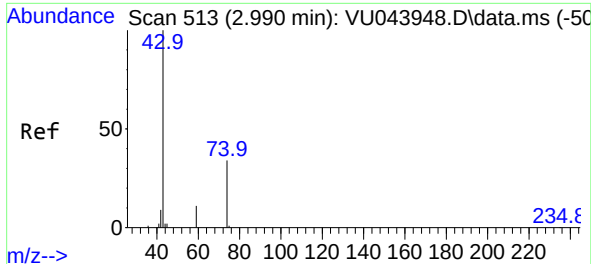
Tgt Ion: 43 Resp: 76905
Ion Ratio Lower Upper
43 100
58 38.6 0.0 46.2



#14
Carbon disulfide
Concen: 5.31 ug/L
RT: 2.803 min Scan# 455
Delta R.T. 0.013 min
Lab File: VU043964.D
Acq: 25 May 2021 15:44

Tgt Ion: 76 Resp: 242810
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6

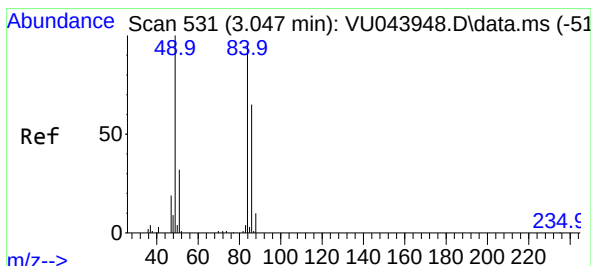
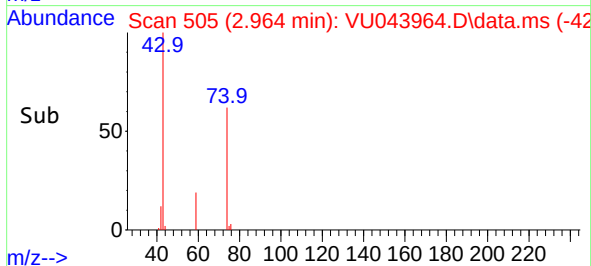
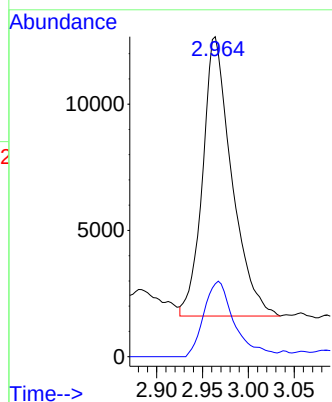
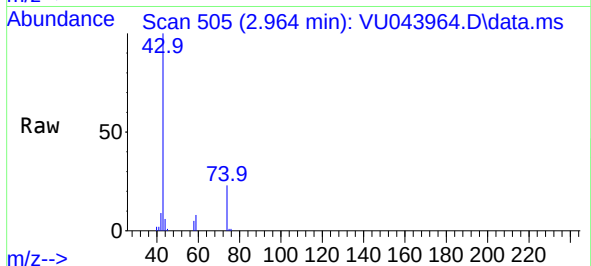




#15
Methyl Acetate
Concen: 3.98 ug/L
RT: 2.964 min Scan# 505
Delta R.T. -0.026 min
Lab File: VU043964.D
Acq: 25 May 2021 15:44

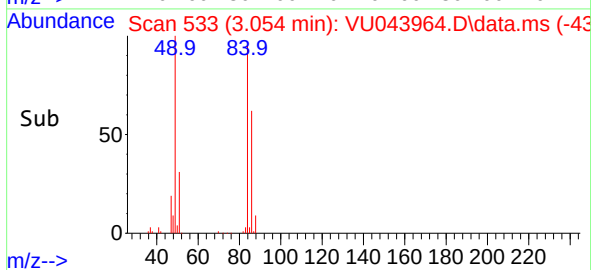
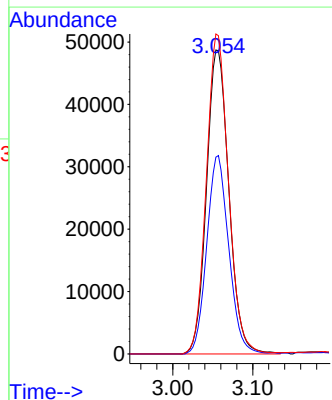
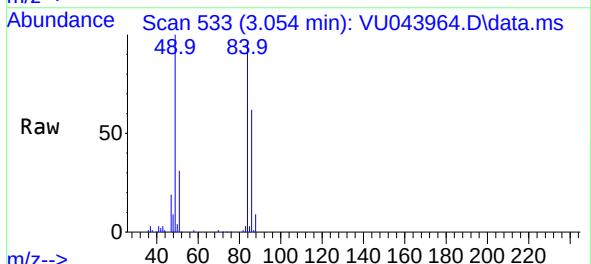
Instrument :
MSVOA_U
ClientSampleId :
VSTD005144

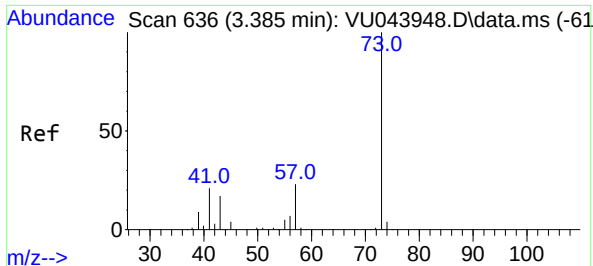
Tgt Ion: 43 Resp: 24384
Ion Ratio Lower Upper
43 100
74 28.3 13.8 20.6#



#16
Methylene chloride
Concen: 4.88 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.007 min
Lab File: VU043964.D
Acq: 25 May 2021 15:44

Tgt Ion: 84 Resp: 94797
Ion Ratio Lower Upper
84 100
86 64.8 45.6 84.8
49 105.3 74.2 137.8

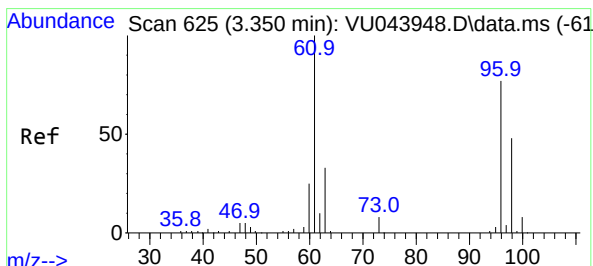
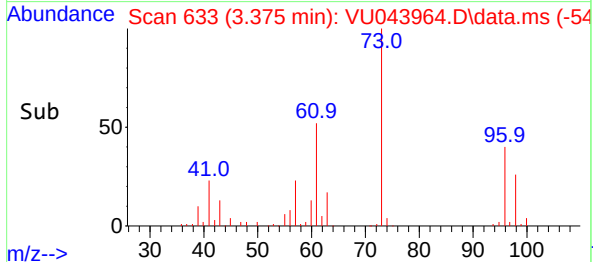
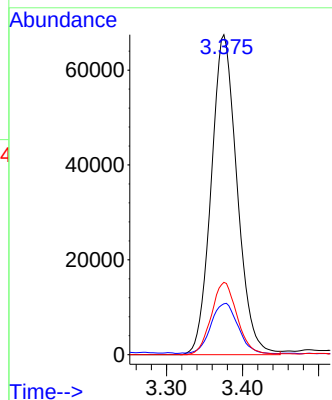
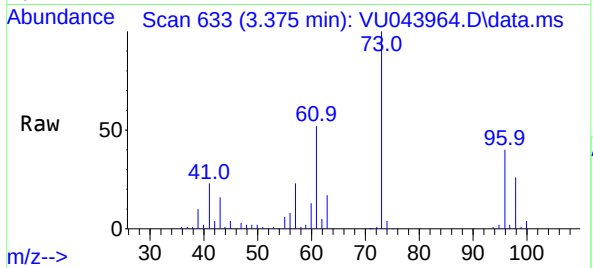




#17
Methyl tert-butyl Ether
Concen: 4.86 ug/L
RT: 3.375 min Scan# 633
Delta R.T. -0.009 min
Lab File: VU043964.D
Acq: 25 May 2021 15:44

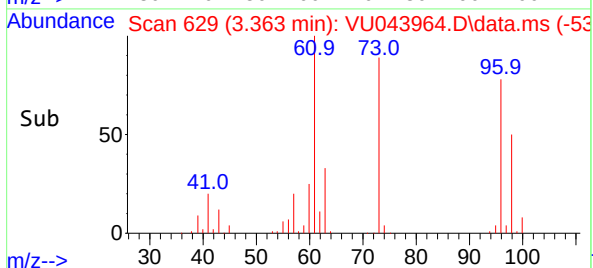
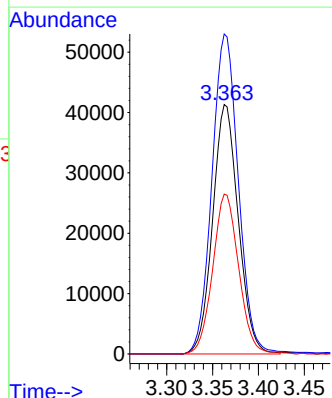
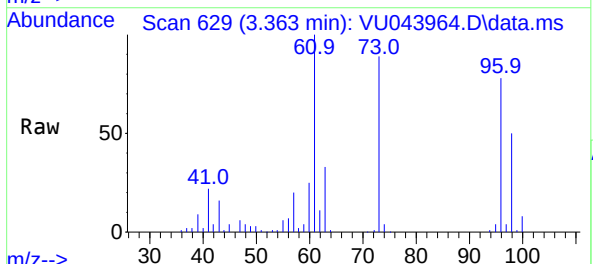
Instrument :
MSVOA_U
ClientSampleId :
VSTD005144

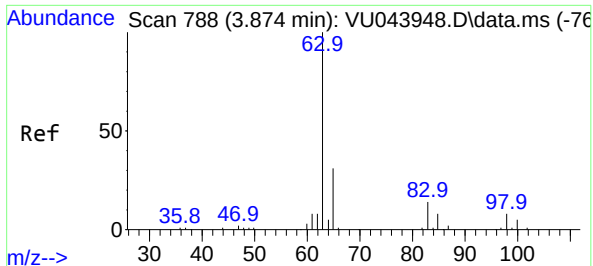
Tgt Ion: 73 Resp: 159456
Ion Ratio Lower Upper
73 100
43 16.3 13.8 20.8
57 22.6 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 5.19 ug/L
RT: 3.363 min Scan# 629
Delta R.T. 0.013 min
Lab File: VU043964.D
Acq: 25 May 2021 15:44

Tgt Ion: 96 Resp: 80473
Ion Ratio Lower Upper
96 100
61 128.3 93.9 174.3
98 64.1 43.5 80.7

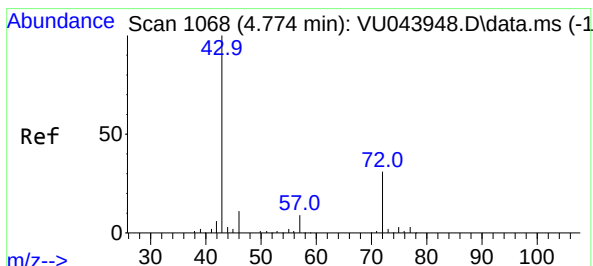
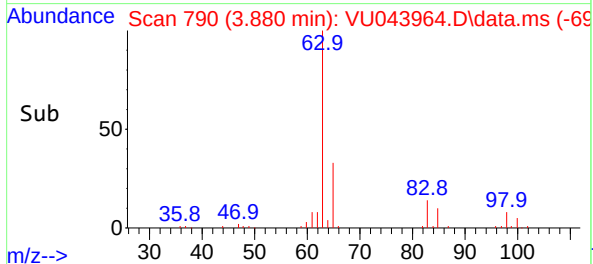
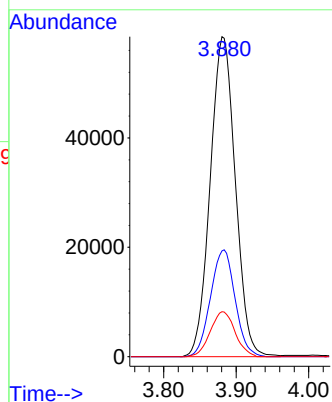
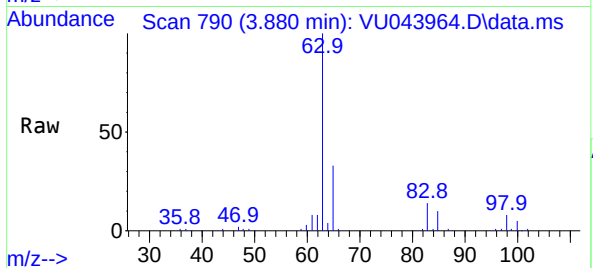




#19
1,1-Dichloroethane
Concen: 5.21 ug/L
RT: 3.880 min Scan# 790
Delta R.T. 0.007 min
Lab File: VU043964.D
Acq: 25 May 2021 15:44

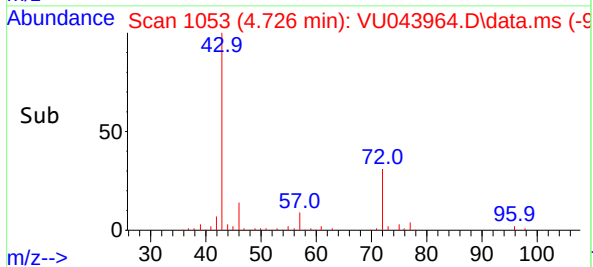
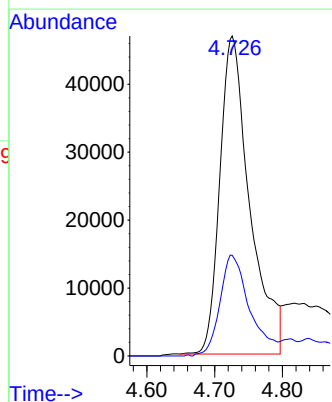
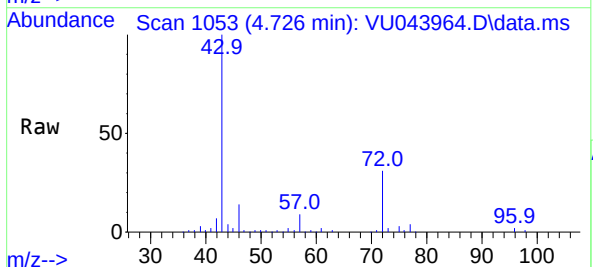
Instrument :
MSVOA_U
ClientSampleId :
VSTD005144

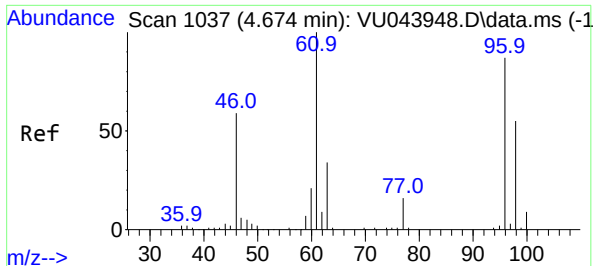
Tgt Ion: 63 Resp: 140875
Ion Ratio Lower Upper
63 100
65 33.0 23.2 43.2
83 14.1 9.7 18.1



#21
2-Butanone
Concen: 33.15 ug/L
RT: 4.726 min Scan# 1053
Delta R.T. -0.048 min
Lab File: VU043964.D
Acq: 25 May 2021 15:44

Tgt Ion: 43 Resp: 143704
Ion Ratio Lower Upper
43 100
72 31.6 14.7 44.1

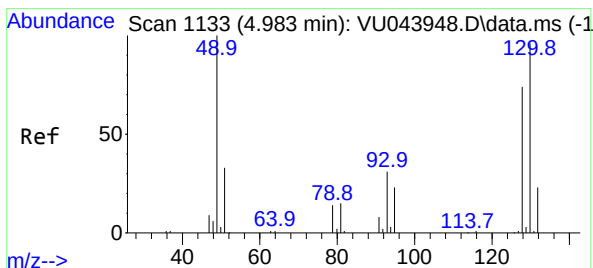
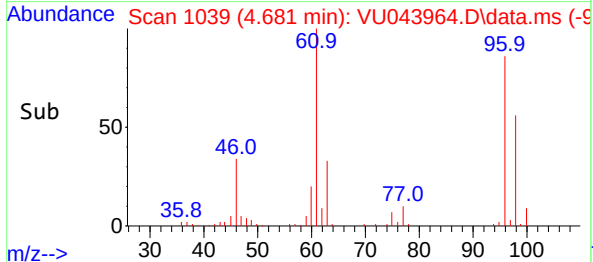
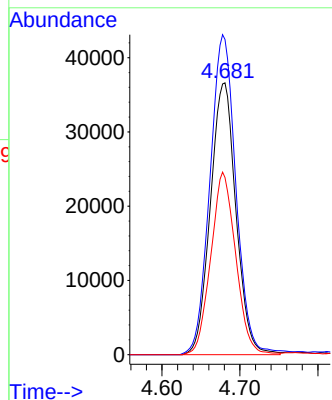
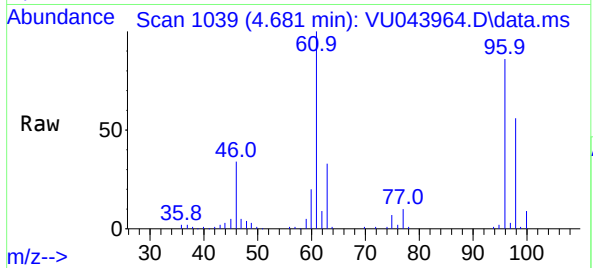




#22
cis-1,2-Dichloroethene
Concen: 4.97 ug/L
RT: 4.681 min Scan# 1039
Delta R.T. 0.007 min
Lab File: VU043964.D
Acq: 25 May 2021 15:44

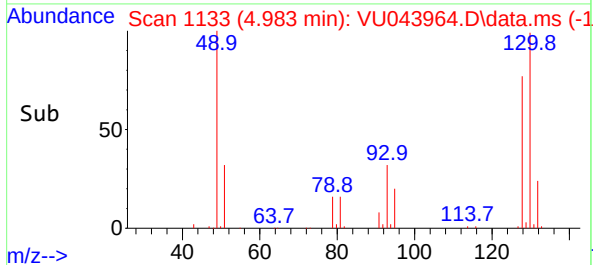
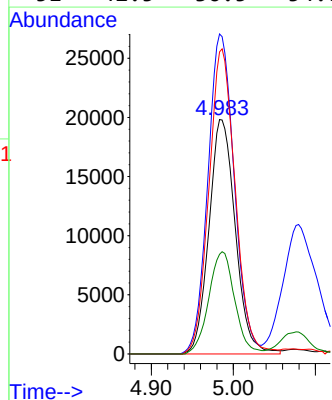
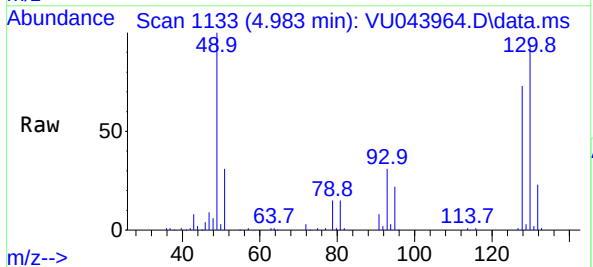
Instrument :
MSVOA_U
ClientSampleId :
VSTD005144

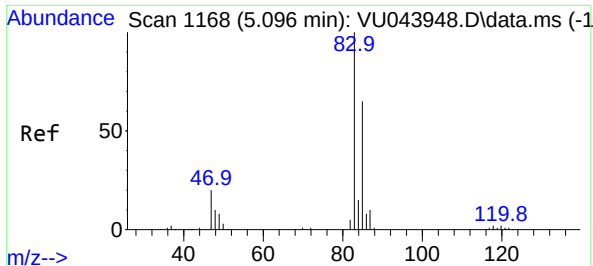
Tgt Ion: 96 Resp: 83760
Ion Ratio Lower Upper
96 100
61 115.9 82.9 153.9
98 65.2 43.3 80.5



#23
Bromochloromethane
Concen: 5.10 ug/L
RT: 4.983 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VU043964.D
Acq: 25 May 2021 15:44

Tgt Ion: 128 Resp: 44173
Ion Ratio Lower Upper
128 100
49 136.5 98.7 183.3
130 128.9 94.6 175.8
51 42.5 36.5 54.7



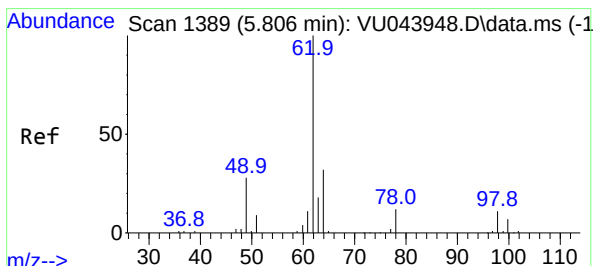
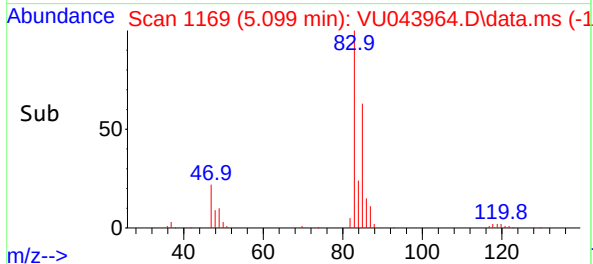
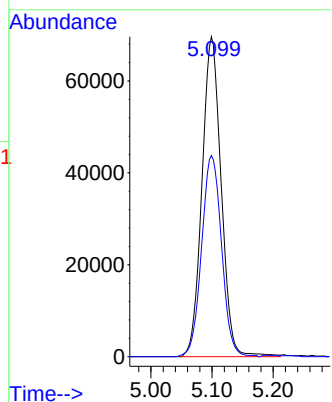
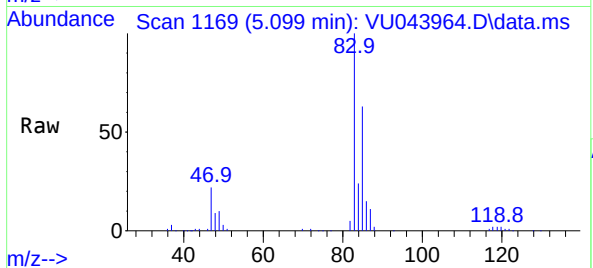


#25

Chloroform
Concen: 5.05 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.003 min
Lab File: VU043964.D
Acq: 25 May 2021 15:44

Instrument :
MSVOA_U
ClientSampleId :
VSTD005144

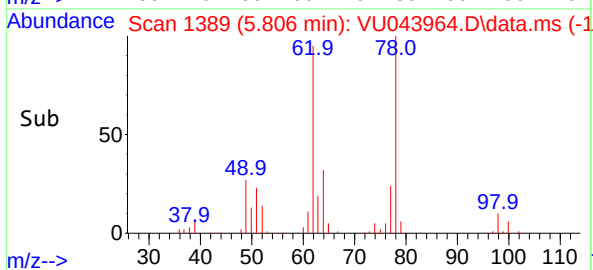
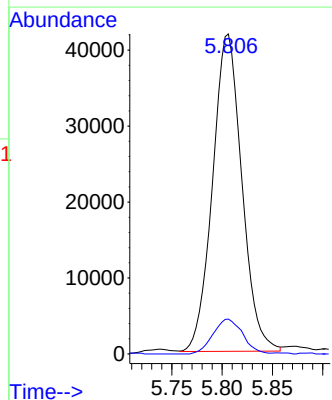
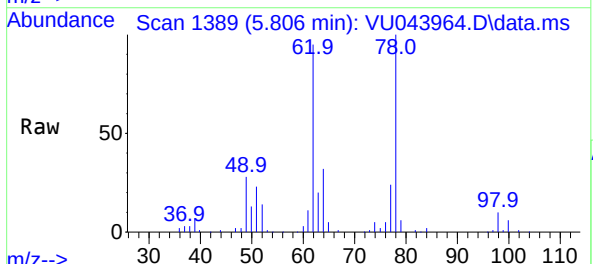
Tgt Ion: 83 Resp: 151967
Ion Ratio Lower Upper
83 100
85 62.9 44.7 82.9

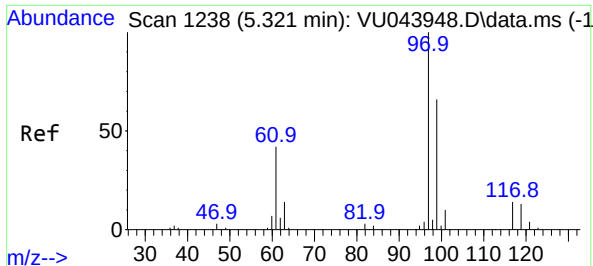


#27

1,2-Dichloroethane
Concen: 4.76 ug/L
RT: 5.806 min Scan# 1389
Delta R.T. 0.000 min
Lab File: VU043964.D
Acq: 25 May 2021 15:44

Tgt Ion: 62 Resp: 84766
Ion Ratio Lower Upper
62 100
98 10.9 8.3 12.5

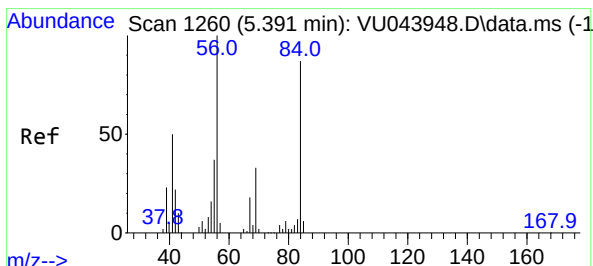
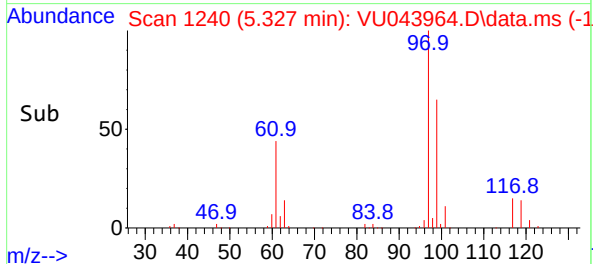
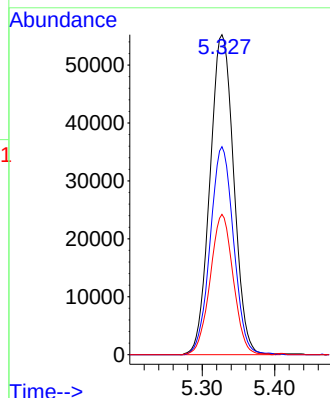
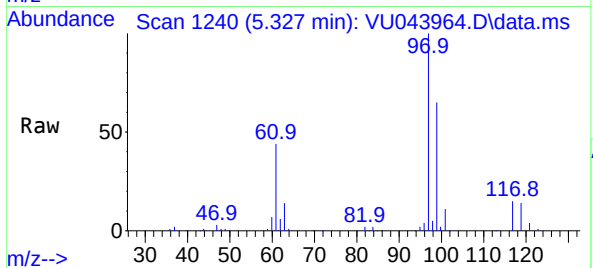




#29
1,1,1-Trichloroethane
Concen: 5.07 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. 0.007 min
Lab File: VU043964.D
Acq: 25 May 2021 15:44

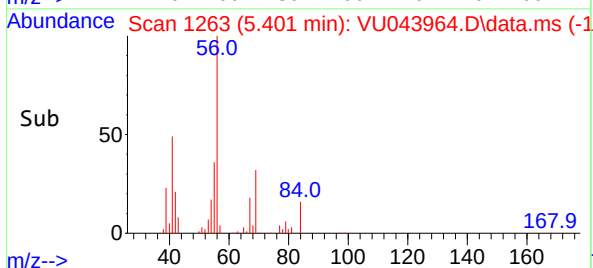
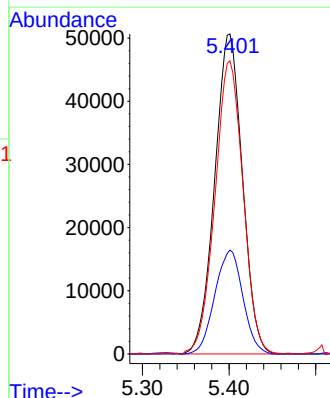
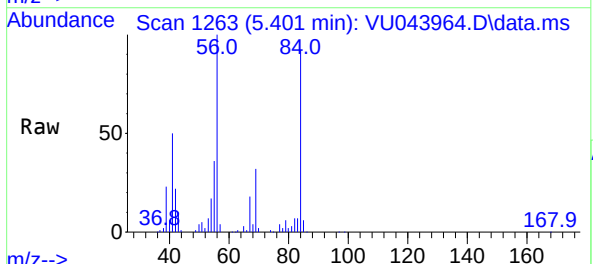
Instrument :
MSVOA_U
ClientSampleId :
VSTD005144

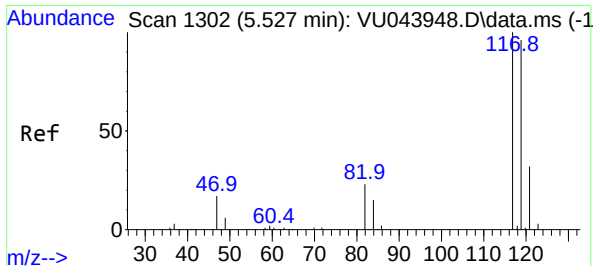
Tgt Ion: 97 Resp: 126137
Ion Ratio Lower Upper
97 100
99 63.9 51.9 77.9
61 42.5 34.7 52.1



#30
Cyclohexane
Concen: 4.95 ug/L
RT: 5.401 min Scan# 1263
Delta R.T. 0.013 min
Lab File: VU043964.D
Acq: 25 May 2021 15:44

Tgt Ion: 56 Resp: 112709
Ion Ratio Lower Upper
56 100
69 32.8 25.4 38.0
84 92.7 72.0 108.0

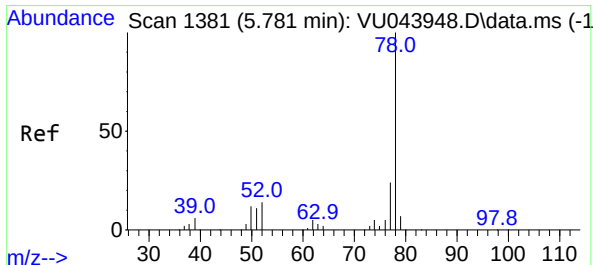
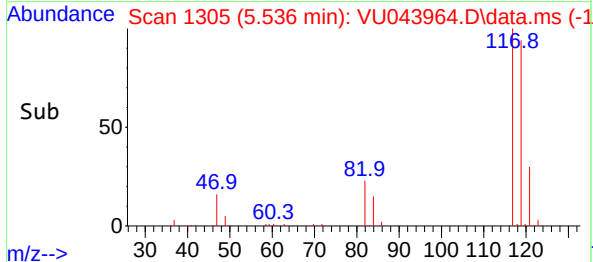
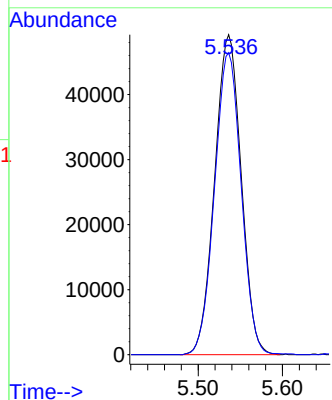
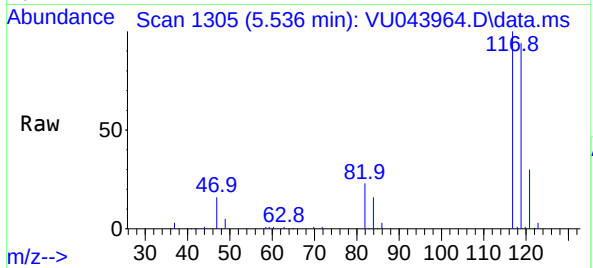




#31
Carbon tetrachloride
Concen: 5.05 ug/L
RT: 5.536 min Scan# 1305
Delta R.T. 0.010 min
Lab File: VU043964.D
Acq: 25 May 2021 15:44

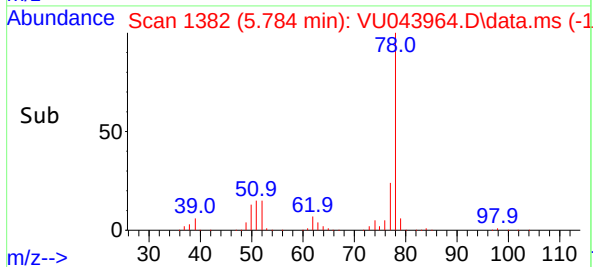
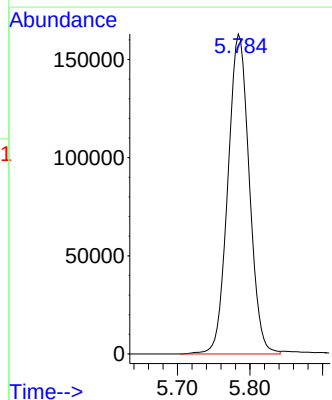
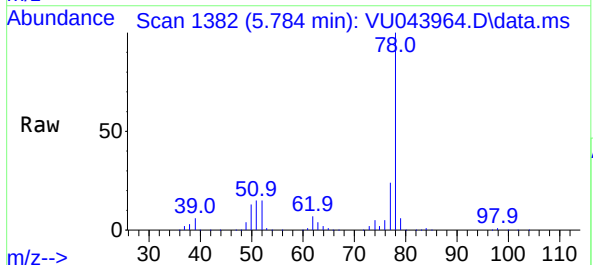
Instrument :
MSVOA_U
ClientSampleId :
VSTD005144

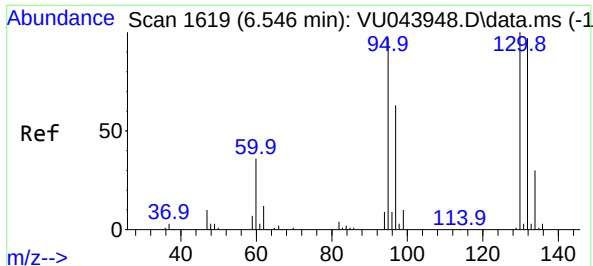
Tgt Ion:117 Resp: 107448
Ion Ratio Lower Upper
117 100
119 94.8 77.4 116.0



#33
Benzene
Concen: 5.15 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.003 min
Lab File: VU043964.D
Acq: 25 May 2021 15:44

Tgt Ion: 78 Resp: 333892



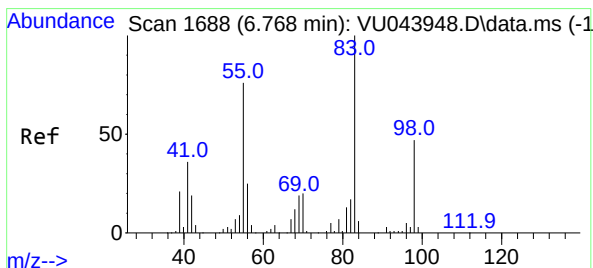
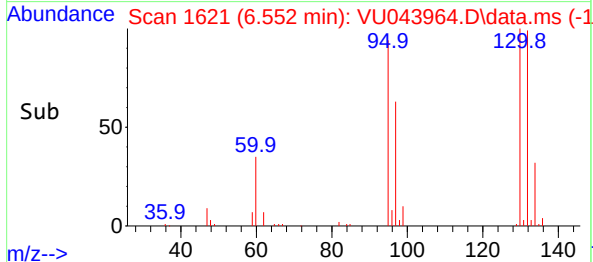
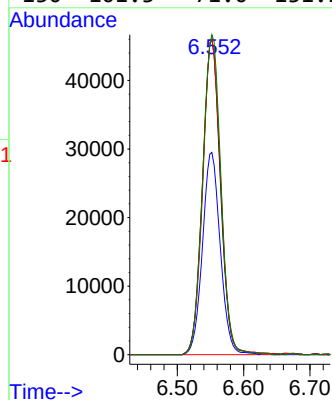
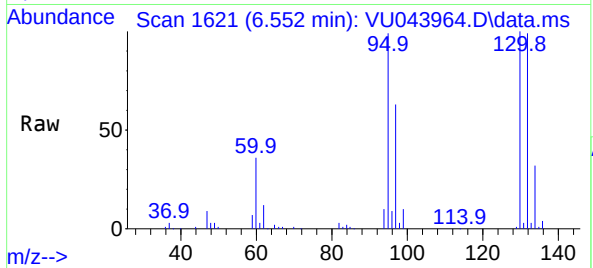


#34
Trichloroethene
Concen: 5.13 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.007 min
Lab File: VU043964.D
Acq: 25 May 2021 15:44

Instrument :
MSVOA_U
ClientSampleId :
VSTD005144

Tgt Ion: 95 Resp: 86631

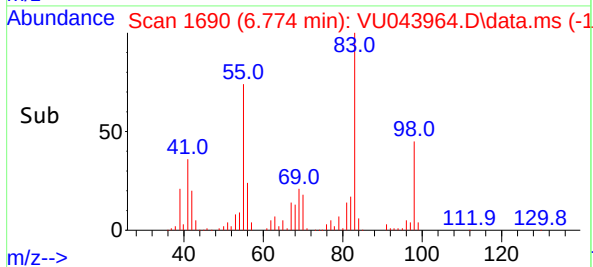
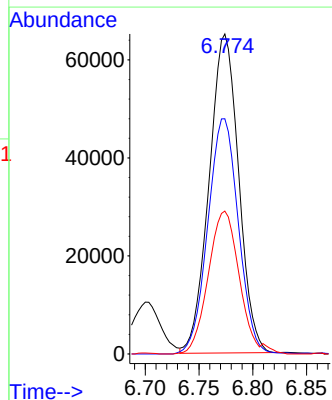
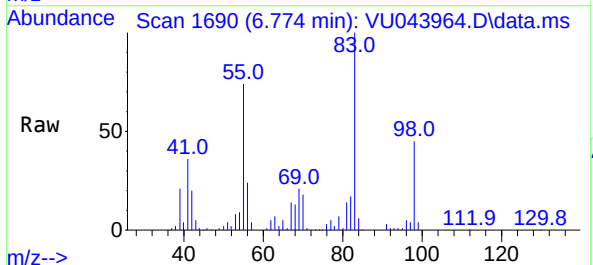
Ion	Ratio	Lower	Upper
95	100		
97	64.0	45.5	84.5
132	99.9	70.9	131.7
130	101.3	71.0	131.9

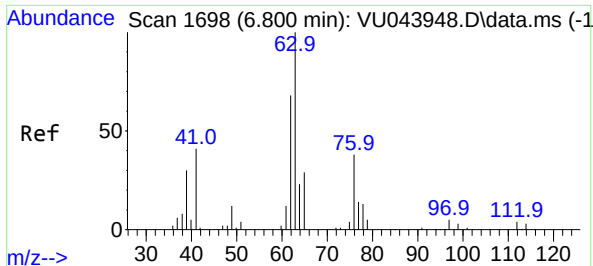


#35
Methylcyclohexane
Concen: 5.05 ug/L
RT: 6.774 min Scan# 1690
Delta R.T. 0.010 min
Lab File: VU043964.D
Acq: 25 May 2021 15:44

Tgt Ion: 83 Resp: 124294

Ion	Ratio	Lower	Upper
83	100		
55	76.5	61.2	91.8
98	47.3	37.0	55.4

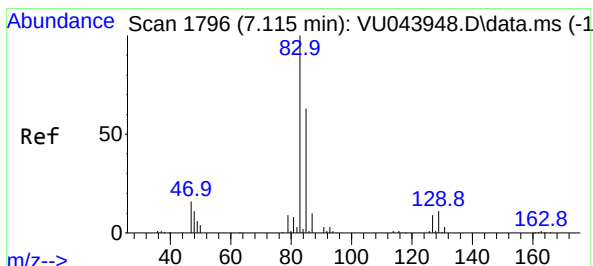
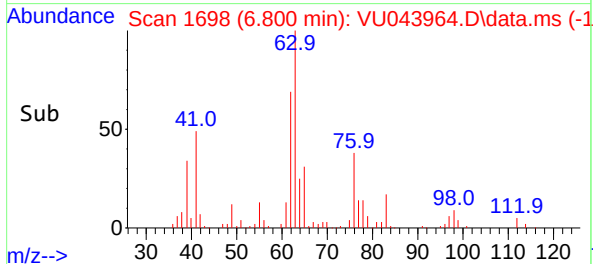
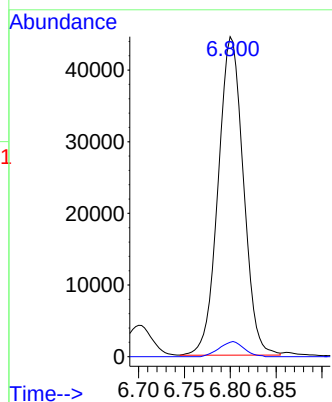
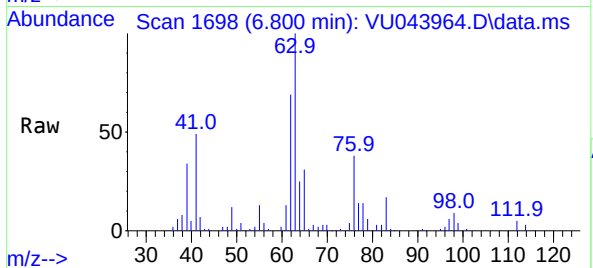




#37
1,2-Dichloropropane
Concen: 4.95 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VU043964.D
Acq: 25 May 2021 15:44

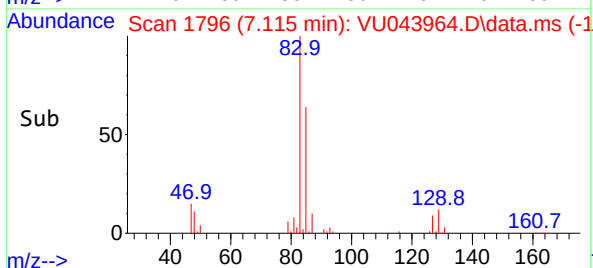
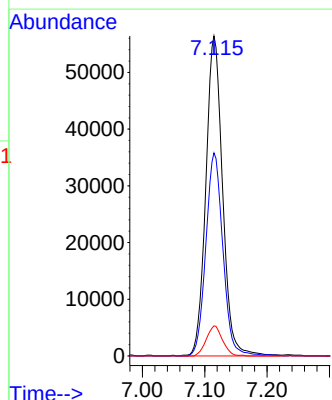
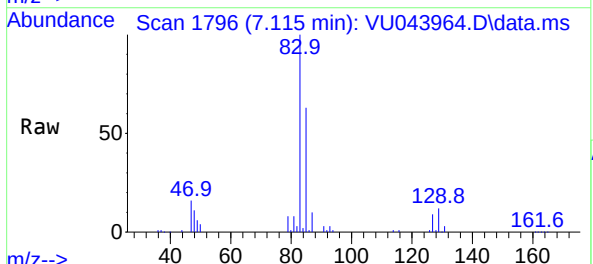
Instrument :
MSVOA_U
ClientSampled :
VSTD005144

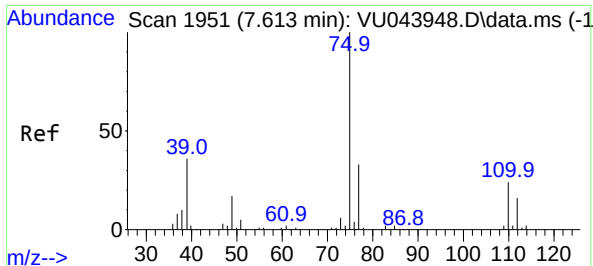
Tgt Ion: 63 Resp: 85124
Ion Ratio Lower Upper
63 100
112 4.7 3.7 5.5



#38
Bromodichloromethane
Concen: 5.11 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VU043964.D
Acq: 25 May 2021 15:44

Tgt Ion: 83 Resp: 105580
Ion Ratio Lower Upper
83 100
85 63.5 45.0 83.6
127 9.4 7.2 10.8

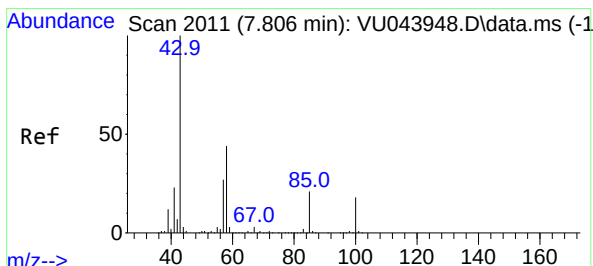
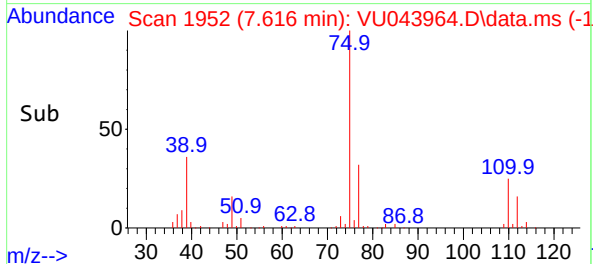
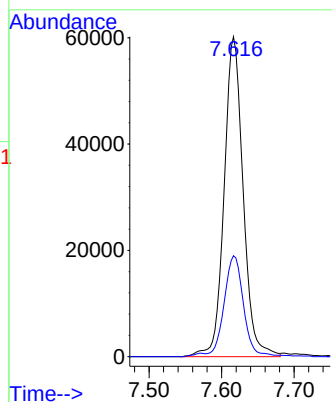
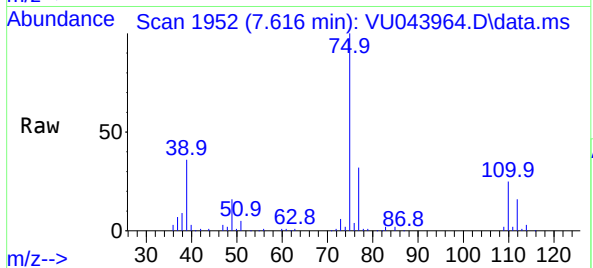




#39
 cis-1,3-Dichloropropene
 Concen: 4.91 ug/L
 RT: 7.616 min Scan# 1952
 Delta R.T. 0.003 min
 Lab File: VU043964.D
 Acq: 25 May 2021 15:44

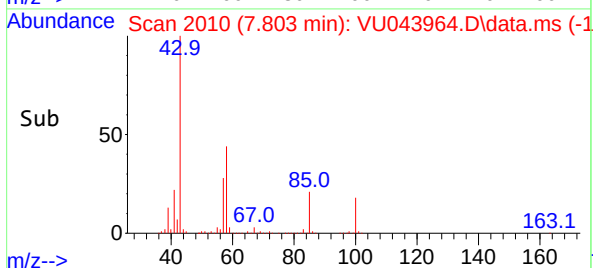
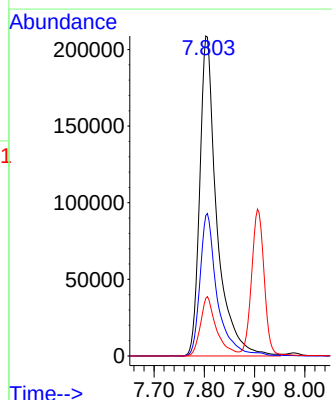
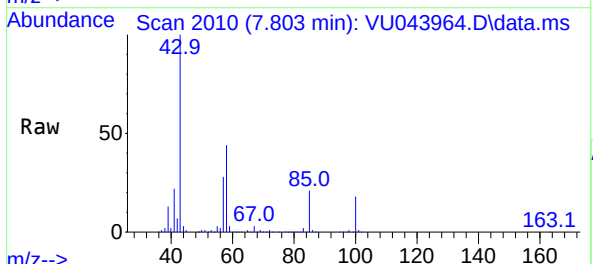
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005144

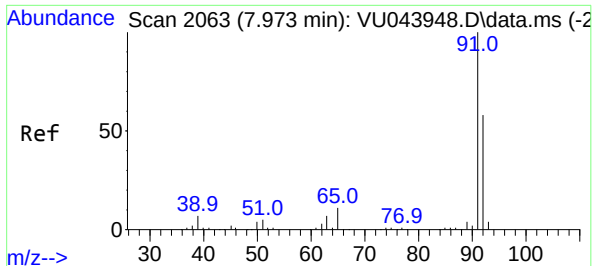
Tgt Ion: 75 Resp: 109729
 Ion Ratio Lower Upper
 75 100
 77 31.5 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 50.86 ug/L
 RT: 7.803 min Scan# 2010
 Delta R.T. -0.006 min
 Lab File: VU043964.D
 Acq: 25 May 2021 15:44

Tgt Ion: 43 Resp: 492432
 Ion Ratio Lower Upper
 43 100
 58 45.0 35.2 52.8
 100 17.4 14.2 21.2

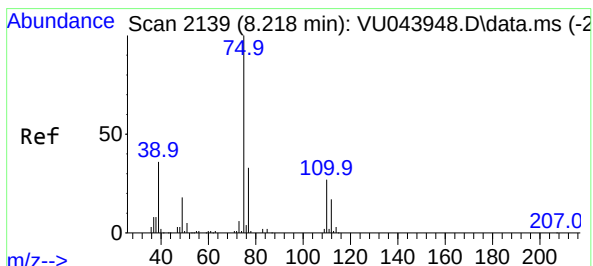
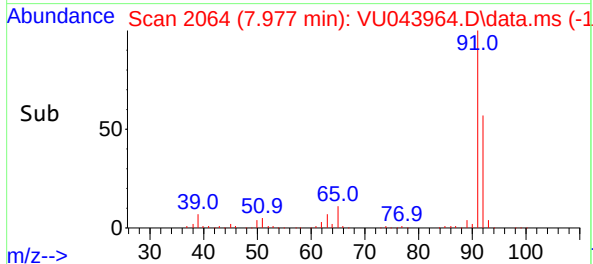
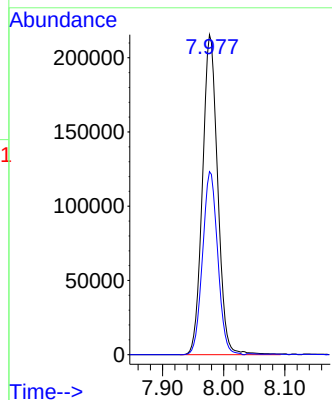
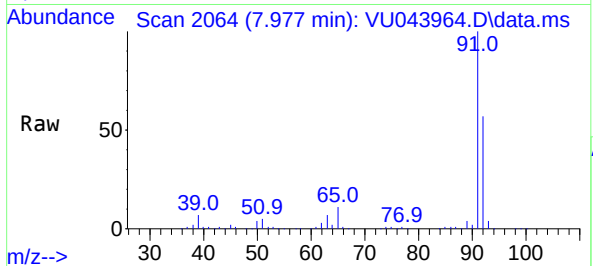




#42
Toluene
Concen: 5.45 ug/L
RT: 7.977 min Scan# 2064
Delta R.T. 0.003 min
Lab File: VU043964.D
Acq: 25 May 2021 15:44

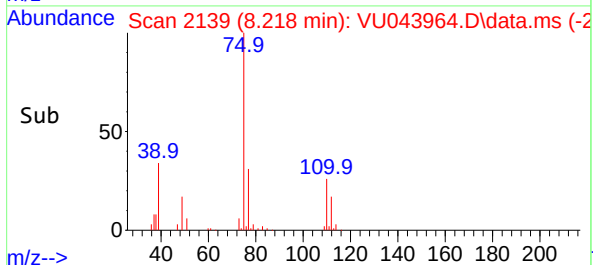
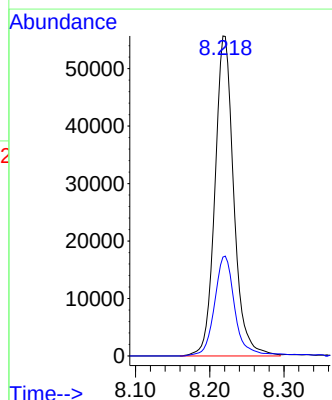
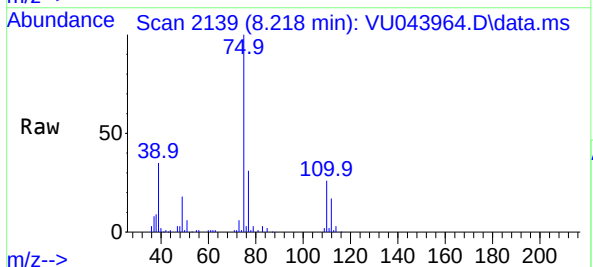
Instrument :
MSVOA_U
ClientSampleId :
VSTD005144

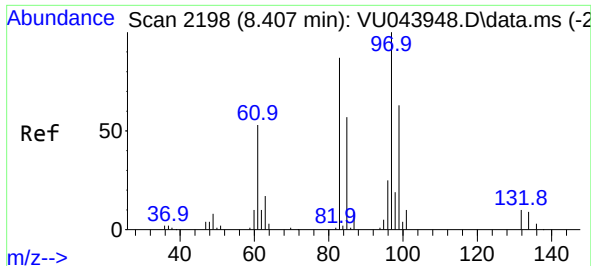
Tgt Ion: 91 Resp: 372816
Ion Ratio Lower Upper
91 100
92 57.2 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 5.12 ug/L
RT: 8.218 min Scan# 2139
Delta R.T. 0.000 min
Lab File: VU043964.D
Acq: 25 May 2021 15:44

Tgt Ion: 75 Resp: 98183
Ion Ratio Lower Upper
75 100
77 30.9 23.0 42.6

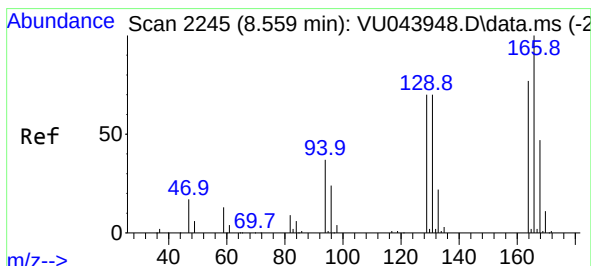
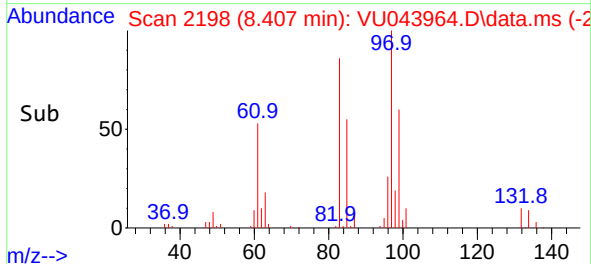
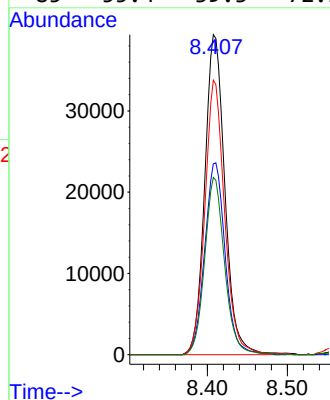
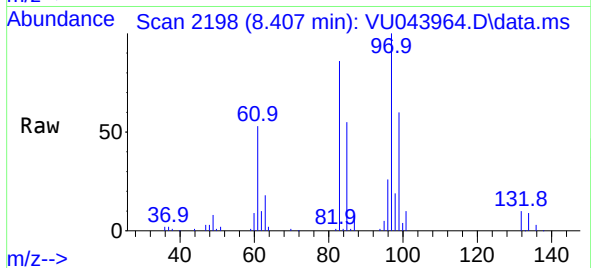




#45
1,1,2-Trichloroethane
Concen: 5.25 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. 0.000 min
Lab File: VU043964.D
Acq: 25 May 2021 15:44

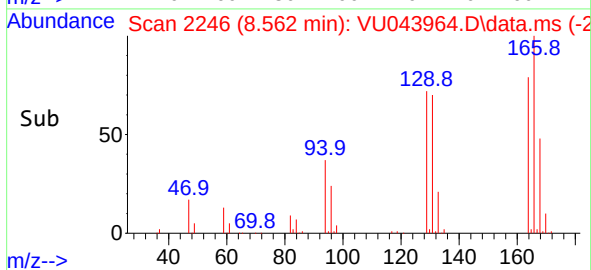
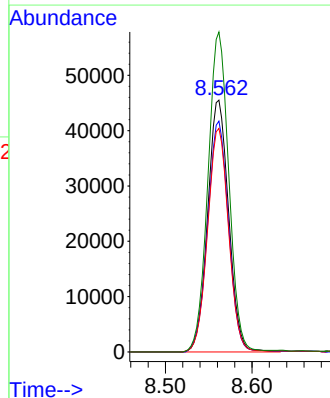
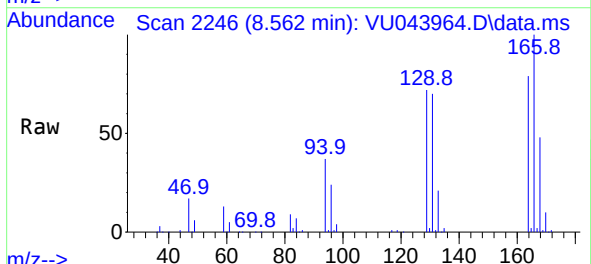
Instrument :
MSVOA_U
ClientSampleId :
VSTD005144

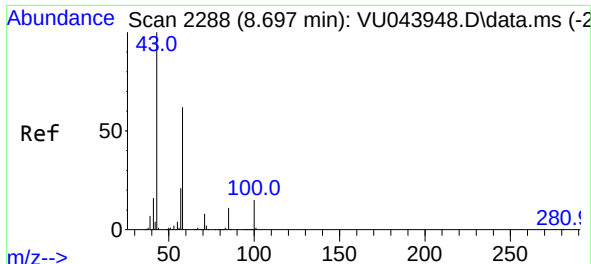
Tgt Ion:	97	Resp:	68975
Ion	Ratio	Lower	Upper
97	100		
99	59.7	45.6	84.6
83	85.8	59.6	110.8
85	55.4	39.3	72.9



#47
Tetrachloroethene
Concen: 5.28 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.003 min
Lab File: VU043964.D
Acq: 25 May 2021 15:44

Tgt Ion:	164	Resp:	76806
Ion	Ratio	Lower	Upper
164	100		
129	91.7	64.1	119.1
131	88.8	64.5	119.9
166	127.0	90.8	168.6



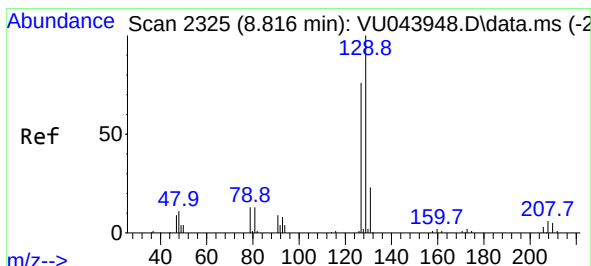
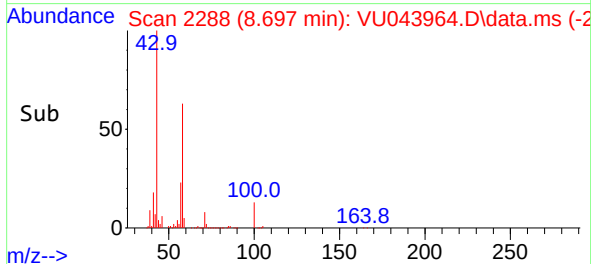
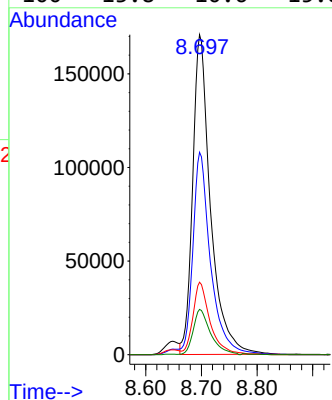
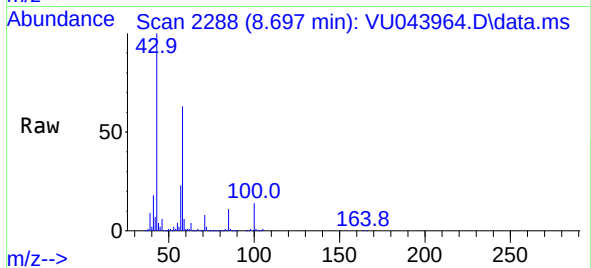


#48
2-Hexanone
Concen: 52.81 ug/L
RT: 8.697 min Scan# 2288
Delta R.T. -0.003 min
Lab File: VU043964.D
Acq: 25 May 2021 15:44

Instrument :
MSVOA_U
ClientSampleId :
VSTD005144

Tgt Ion: 43 Resp: 381779

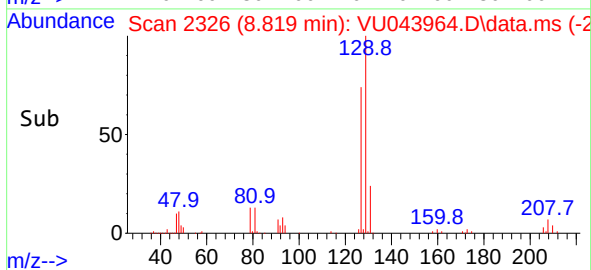
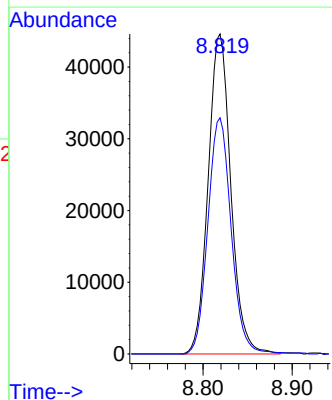
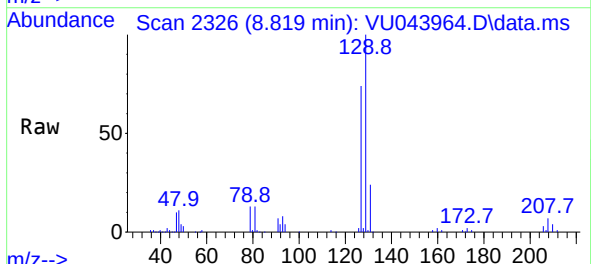
Ion	Ratio	Lower	Upper
43	100		
58	62.7	49.4	74.0
57	22.0	16.8	25.2
100	13.8	10.6	15.8

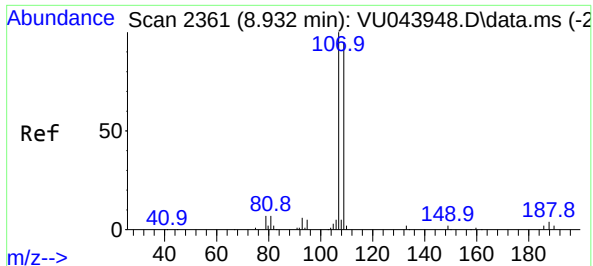


#49
Dibromochloromethane
Concen: 5.18 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. 0.003 min
Lab File: VU043964.D
Acq: 25 May 2021 15:44

Tgt Ion: 129 Resp: 78900

Ion	Ratio	Lower	Upper
129	100		
127	73.8	54.1	100.5





#50

1,2-Dibromoethane

Concen: 5.24 ug/L

RT: 8.931 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VU043964.D

Acq: 25 May 2021 15:44

Instrument :

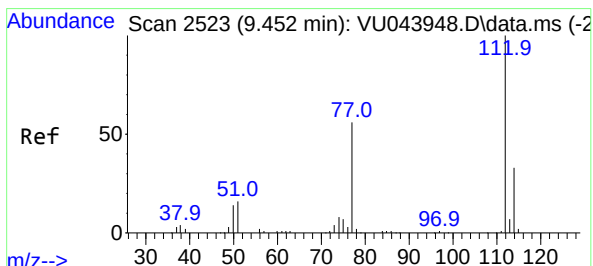
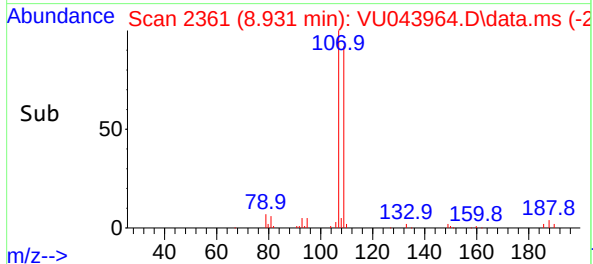
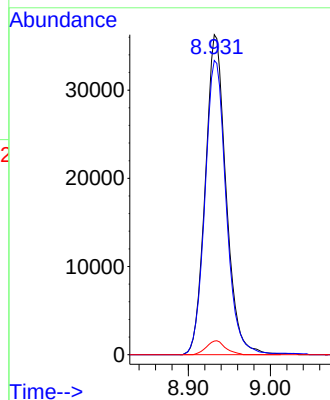
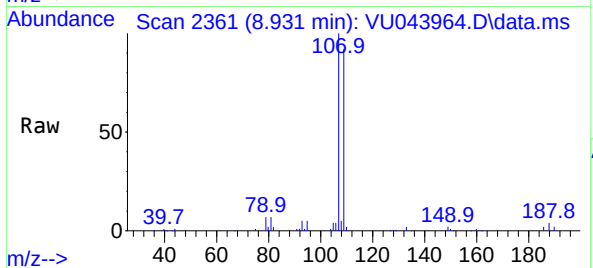
MSVOA_U

ClientSampleId :

VSTD005144

Tgt Ion:107 Resp: 63964

Ion	Ratio	Lower	Upper
107	100		
109	92.0	65.5	121.6
188	4.3	3.2	4.8



#51

Chlorobenzene

Concen: 5.07 ug/L

RT: 9.456 min Scan# 2524

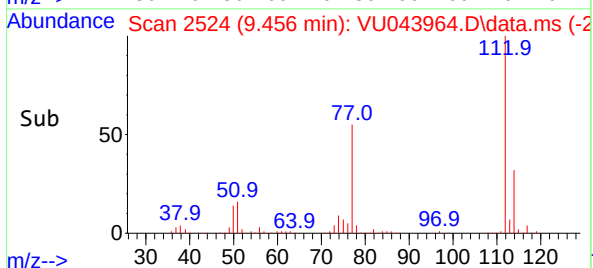
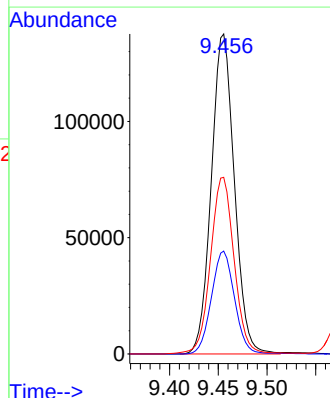
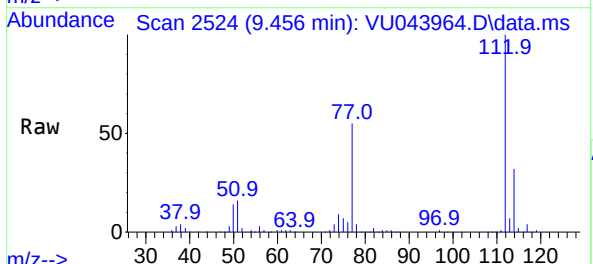
Delta R.T. 0.003 min

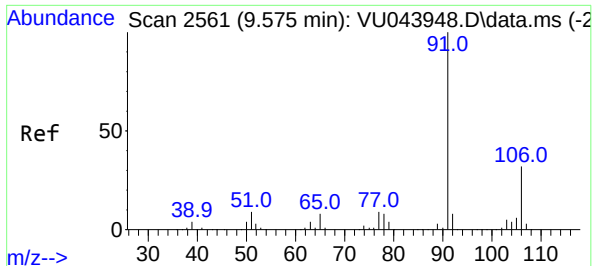
Lab File: VU043964.D

Acq: 25 May 2021 15:44

Tgt Ion:112 Resp: 226489

Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.7	42.1
77	55.2	45.9	68.9





#52

Ethylbenzene

Concen: 5.13 ug/L

RT: 9.578 min Scan# 2562

Delta R.T. 0.003 min

Lab File: VU043964.D

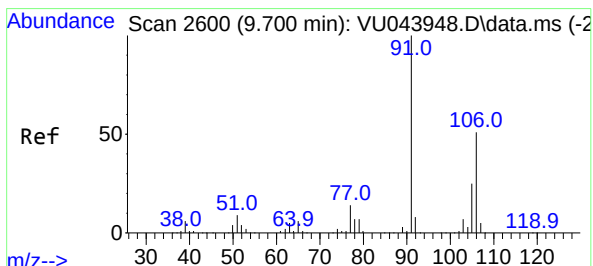
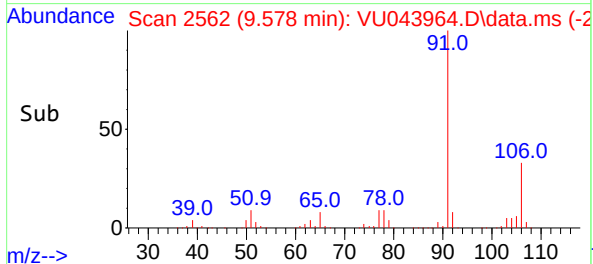
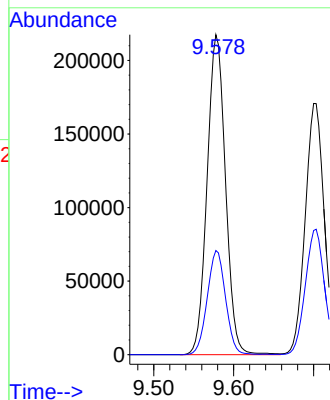
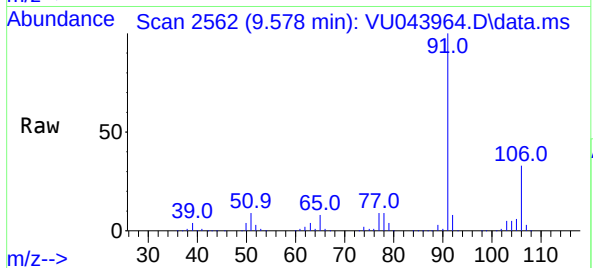
Acq: 25 May 2021 15:44

Tgt Ion: 91 Resp: 348138

Ion Ratio Lower Upper

91 100

106 32.5 22.5 41.7



#53

m,p-Xylene

Concen: 5.26 ug/L

RT: 9.703 min Scan# 2601

Delta R.T. 0.003 min

Lab File: VU043964.D

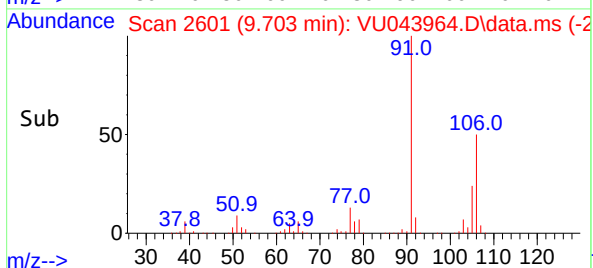
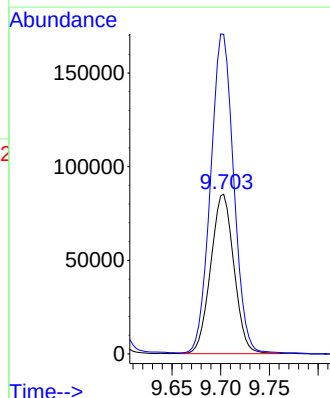
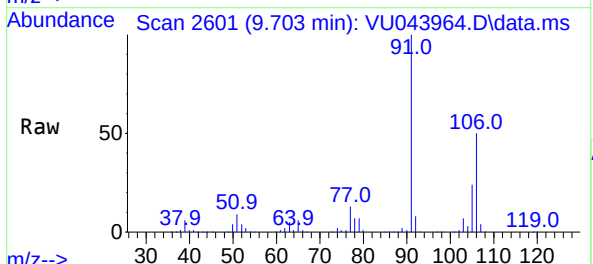
Acq: 25 May 2021 15:44

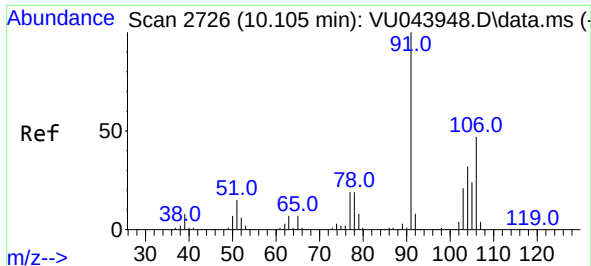
Tgt Ion: 106 Resp: 141102

Ion Ratio Lower Upper

106 100

91 200.1 137.3 255.1

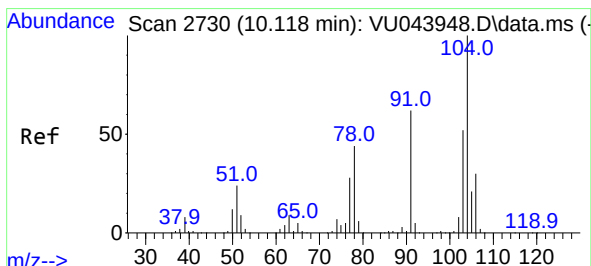
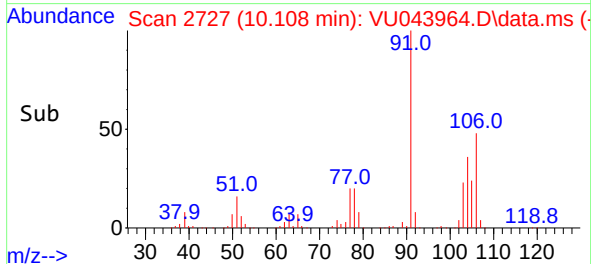
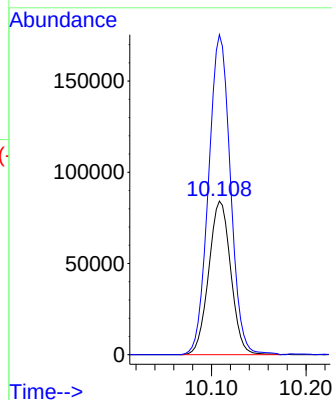
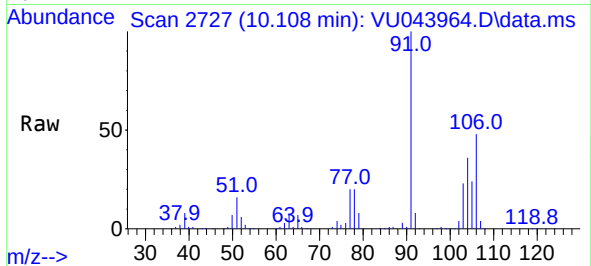




#54
o-Xylene
Concen: 5.36 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.003 min
Lab File: VU043964.D
Acq: 25 May 2021 15:44

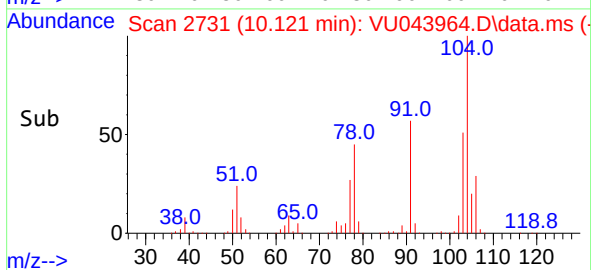
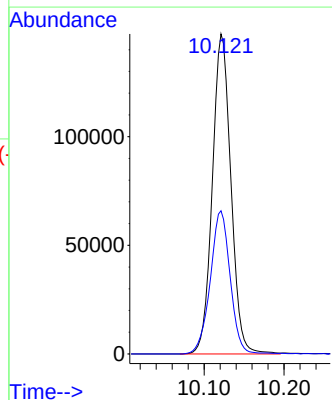
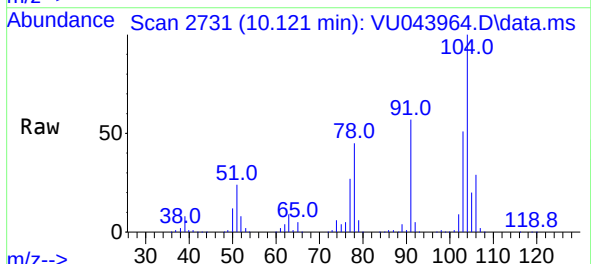
Instrument :
MSVOA_U
ClientSampleId :
VSTD005144

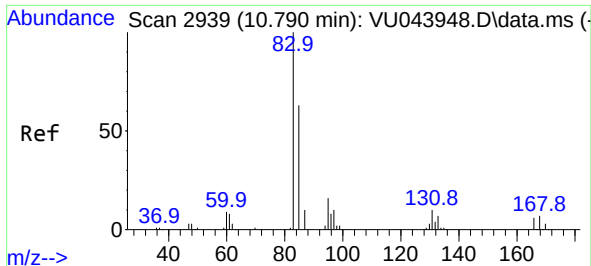
Tgt Ion:106 Resp: 136209
Ion Ratio Lower Upper
106 100
91 208.3 146.9 272.9



#55
Styrene
Concen: 5.43 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. 0.000 min
Lab File: VU043964.D
Acq: 25 May 2021 15:44

Tgt Ion:104 Resp: 237799
Ion Ratio Lower Upper
104 100
78 44.8 30.5 56.7

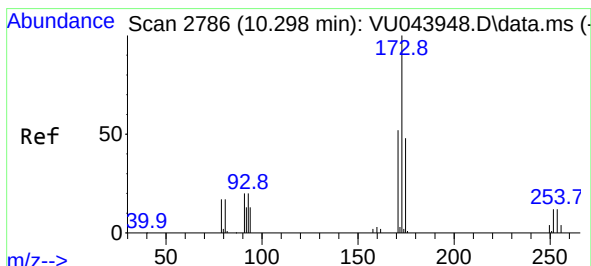
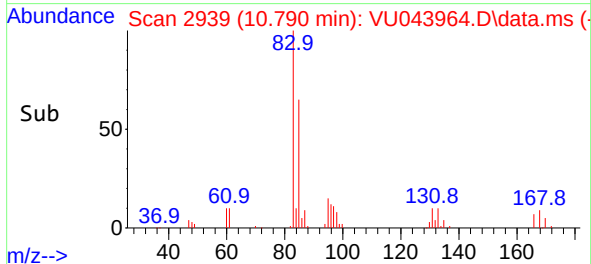
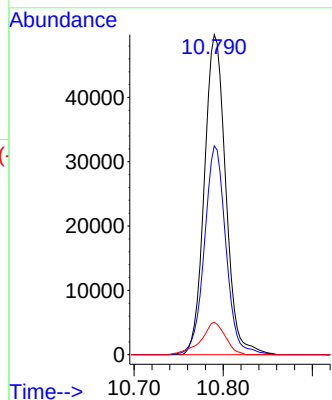
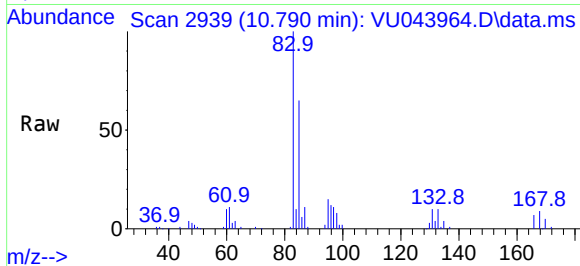




#57
1,1,2,2-Tetrachloroethane
Concen: 5.04 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. 0.000 min
Lab File: VU043964.D
Acq: 25 May 2021 15:44

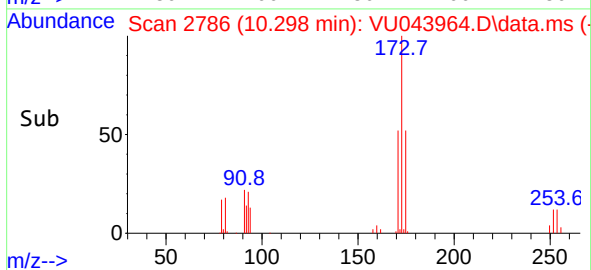
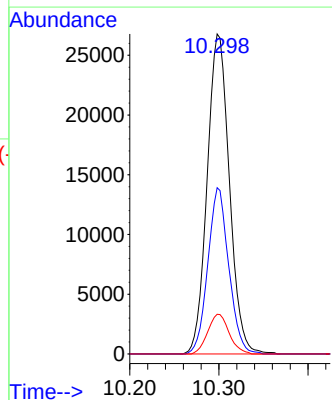
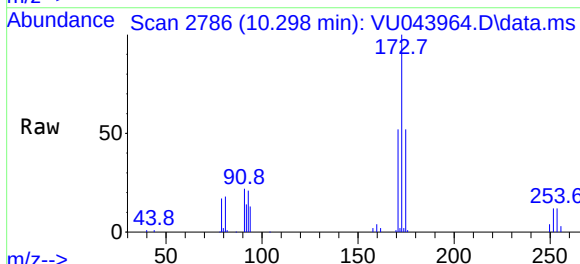
Instrument :
MSVOA_U
ClientSampleId :
VSTD005144

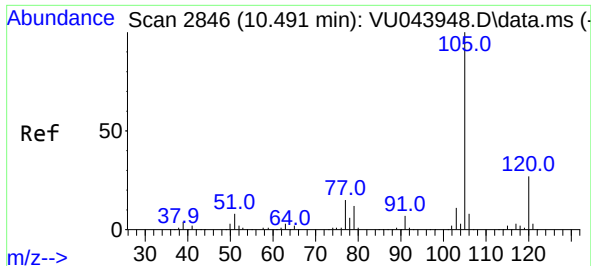
Tgt Ion:	83	Resp:	82710
Ion	Ratio	Lower	Upper
83	100		
85	65.3	45.5	84.5
131	10.2	8.1	12.1



#59
Bromoform
Concen: 4.80 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VU043964.D
Acq: 25 May 2021 15:44

Tgt Ion:	173	Resp:	46321
Ion	Ratio	Lower	Upper
173	100		
175	48.9	38.8	58.2
254	12.0	9.3	13.9



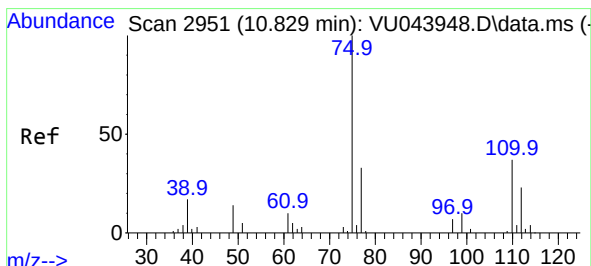
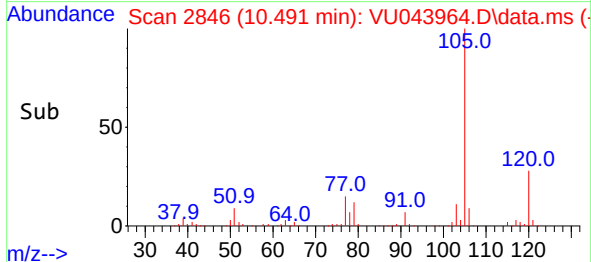
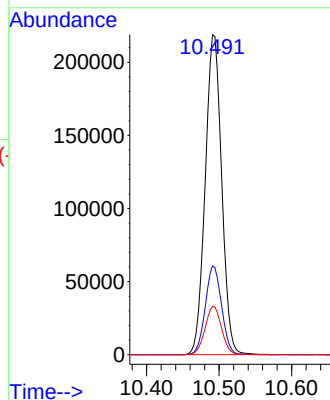
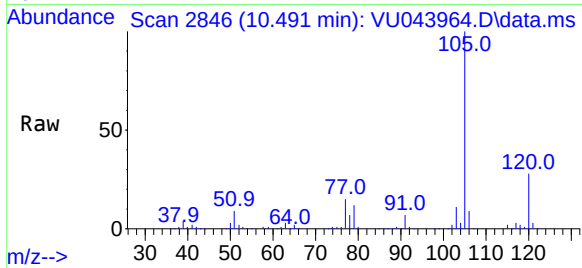


#60
Isopropylbenzene
Concen: 5.17 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. 0.000 min
Lab File: VU043964.D
Acq: 25 May 2021 15:44

Instrument :
MSVOA_U
ClientSampleId :
VSTD005144

Tgt Ion:105 Resp: 345057

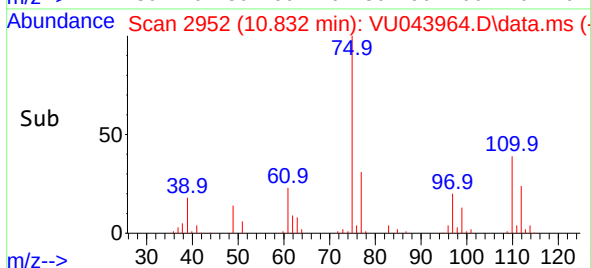
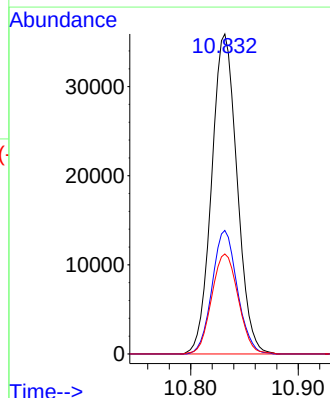
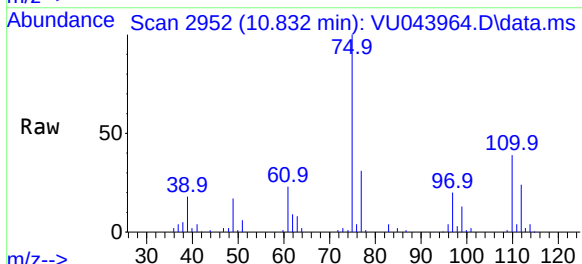
Ion	Ratio	Lower	Upper
105	100		
120	27.5	21.6	32.4
77	15.2	12.2	18.4

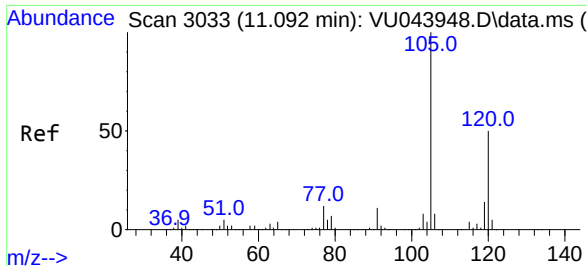


#61
1,2,3-Trichloropropane
Concen: 4.78 ug/L
RT: 10.832 min Scan# 2952
Delta R.T. 0.003 min
Lab File: VU043964.D
Acq: 25 May 2021 15:44

Tgt Ion: 75 Resp: 58959

Ion	Ratio	Lower	Upper
75	100		
110	38.2	29.3	43.9
77	32.8	26.3	39.5

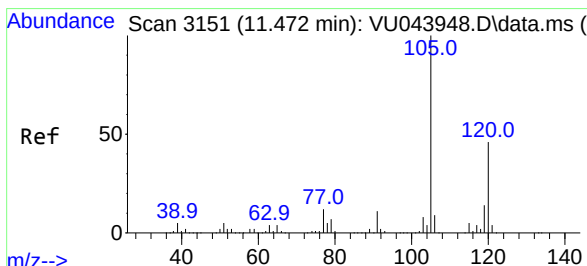
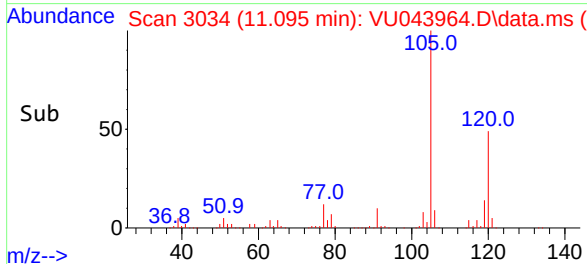
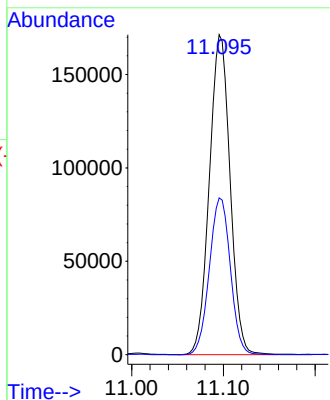
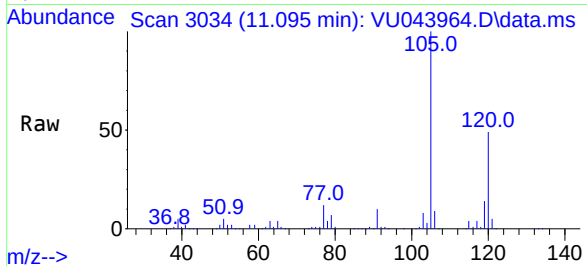




#62
1,3,5-Trimethylbenzene
Concen: 5.08 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. 0.003 min
Lab File: VU043964.D
Acq: 25 May 2021 15:44

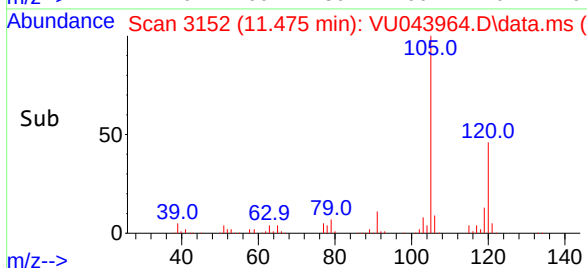
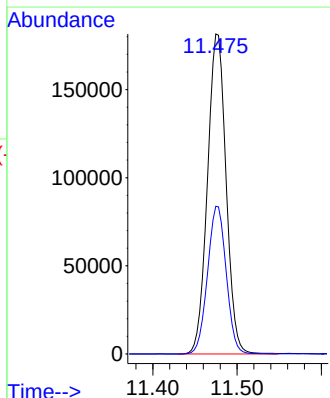
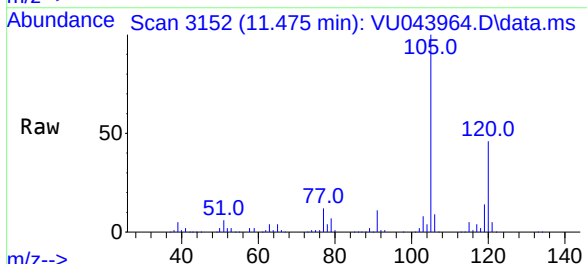
Instrument :
MSVOA_U
ClientSampleId :
VSTD005144

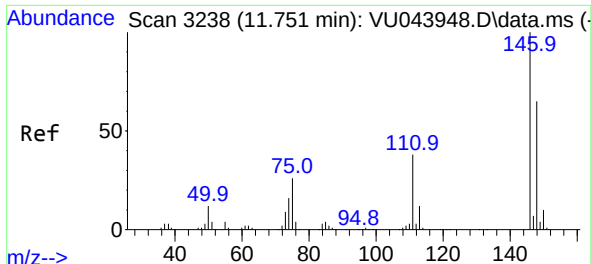
Tgt Ion:105 Resp: 268463
Ion Ratio Lower Upper
105 100
120 49.7 39.4 59.0



#63
1,2,4-Trimethylbenzene
Concen: 5.16 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VU043964.D
Acq: 25 May 2021 15:44

Tgt Ion:105 Resp: 279104
Ion Ratio Lower Upper
105 100
120 46.2 36.3 54.5

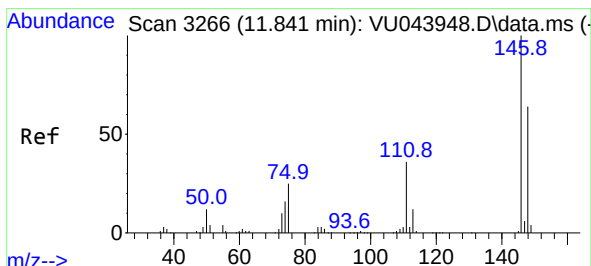
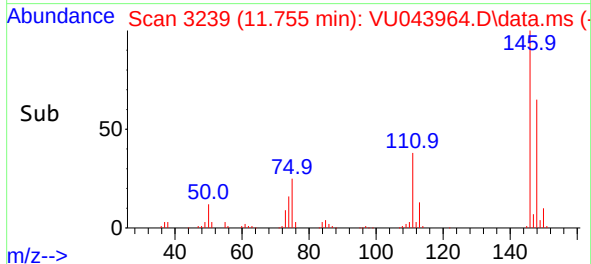
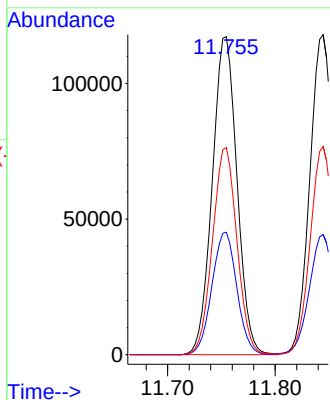
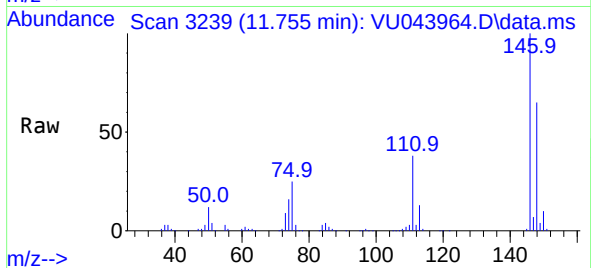




#64
1,3-Dichlorobenzene
Concen: 5.05 ug/L
RT: 11.755 min Scan# 3239
Delta R.T. 0.003 min
Lab File: VU043964.D
Acq: 25 May 2021 15:44

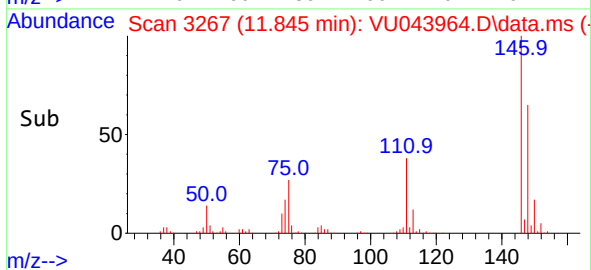
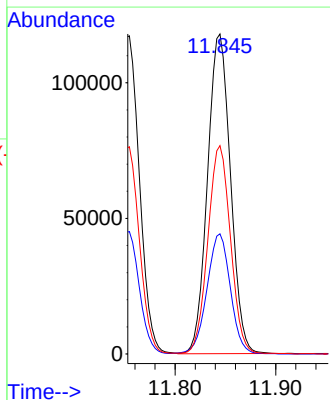
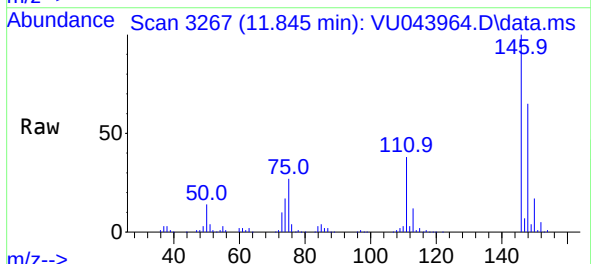
Instrument :
MSVOA_U
ClientSampleId :
VSTD005144

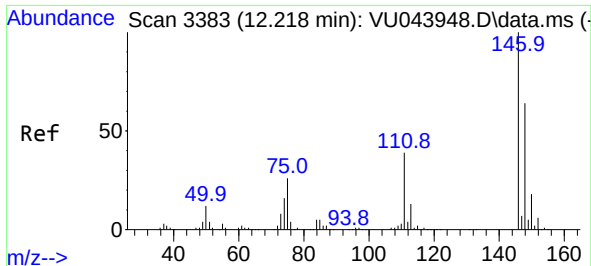
Tgt Ion:146 Resp: 187359
Ion Ratio Lower Upper
146 100
111 38.5 27.4 51.0
148 65.1 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 5.04 ug/L
RT: 11.845 min Scan# 3267
Delta R.T. 0.003 min
Lab File: VU043964.D
Acq: 25 May 2021 15:44

Tgt Ion:146 Resp: 186988
Ion Ratio Lower Upper
146 100
111 37.6 26.2 48.8
148 65.1 44.2 82.0

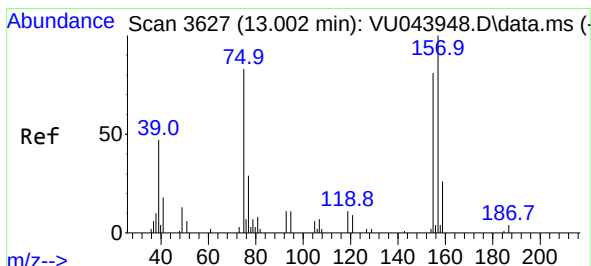
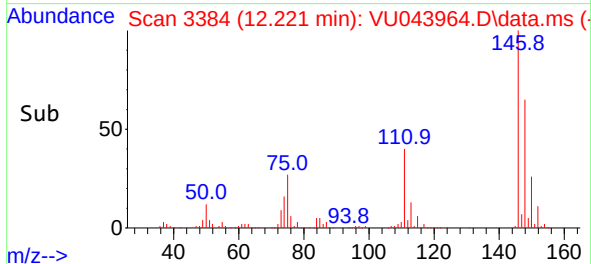
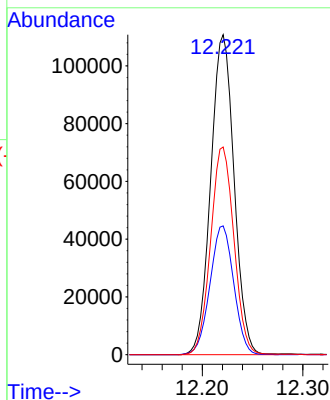
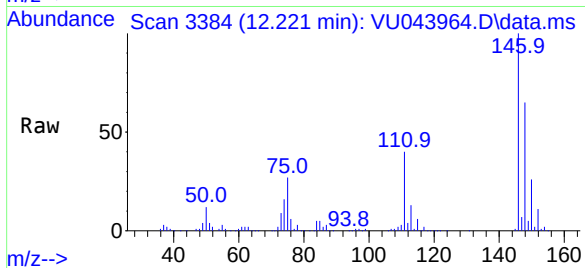




#67
1,2-Dichlorobenzene
Concen: 5.01 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. 0.003 min
Lab File: VU043964.D
Acq: 25 May 2021 15:44

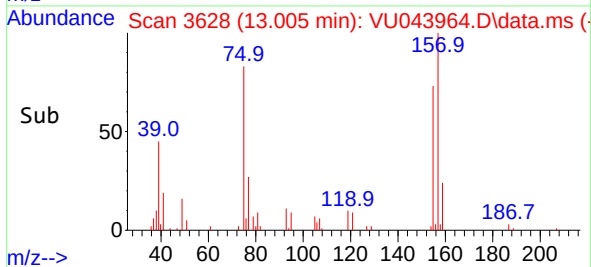
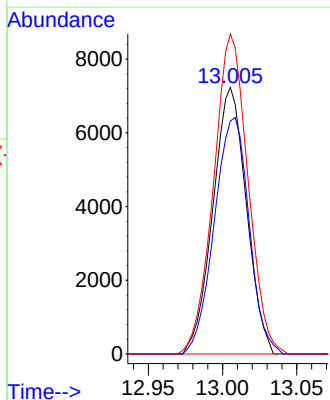
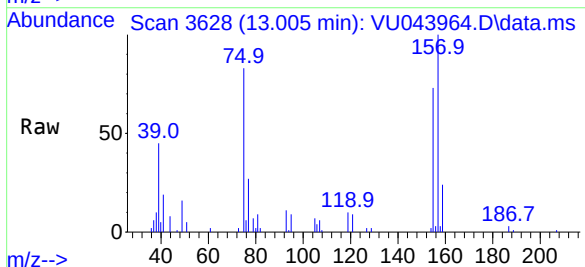
Instrument :
MSVOA_U
ClientSampleId :
VSTD005144

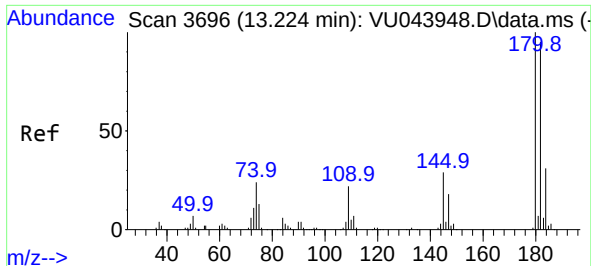
Tgt Ion:146 Resp: 178889
Ion Ratio Lower Upper
146 100
111 40.3 32.4 48.6
148 64.9 50.6 76.0



#68
1,2-Dibromo-3-chloropropane
Concen: 4.81 ug/L
RT: 13.005 min Scan# 3628
Delta R.T. 0.003 min
Lab File: VU043964.D
Acq: 25 May 2021 15:44

Tgt Ion: 75 Resp: 11343
Ion Ratio Lower Upper
75 100
155 87.4 74.9 112.3
157 120.0 92.2 138.4

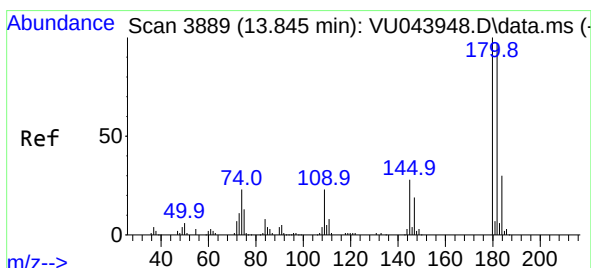
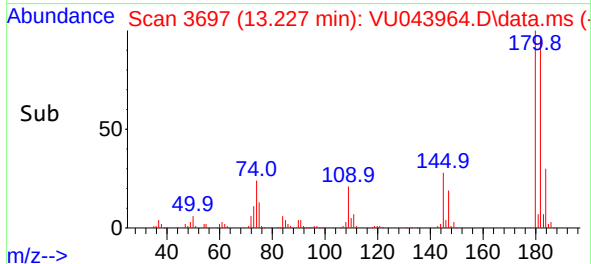
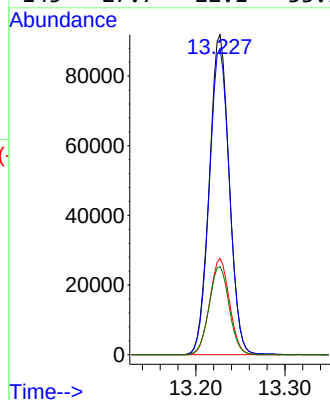
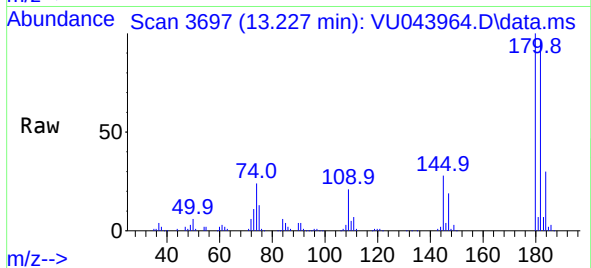




#69
1,3,5-Trichlorobenzene
Concen: 4.88 ug/L
RT: 13.227 min Scan# 3697
Delta R.T. 0.003 min
Lab File: VU043964.D
Acq: 25 May 2021 15:44

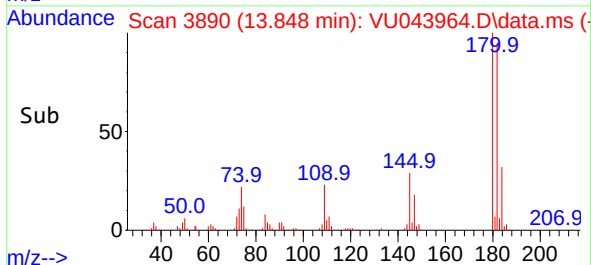
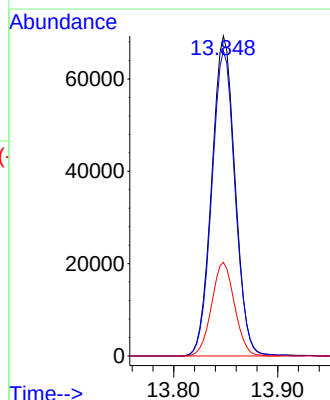
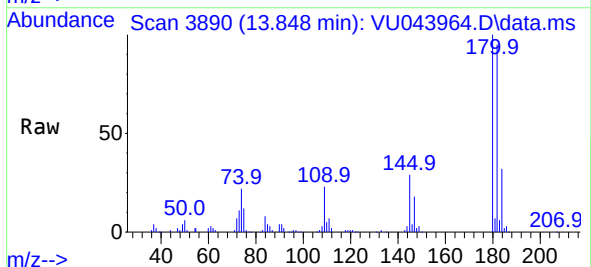
Instrument :
MSVOA_U
ClientSampleId :
VSTD005144

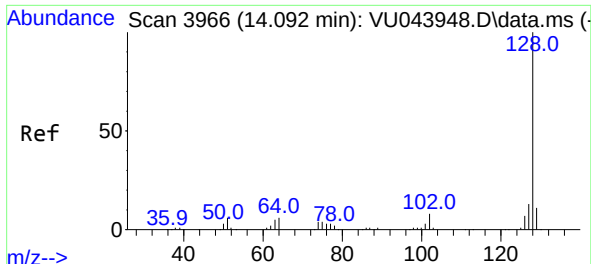
Tgt Ion:180 Resp: 142786
Ion Ratio Lower Upper
180 100
182 96.7 76.6 115.0
184 29.8 24.4 36.6
145 27.7 22.1 33.1



#70
1,2,4-trichlorobenzene
Concen: 4.70 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. 0.003 min
Lab File: VU043964.D
Acq: 25 May 2021 15:44

Tgt Ion:180 Resp: 107988
Ion Ratio Lower Upper
180 100
182 95.3 76.4 114.6
145 28.7 23.2 34.8

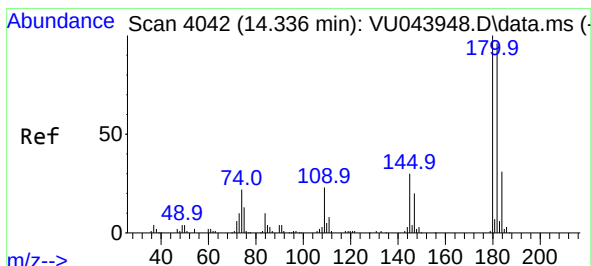
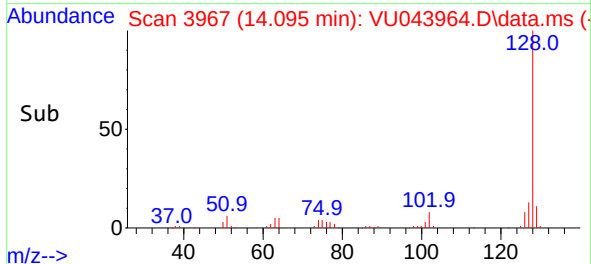
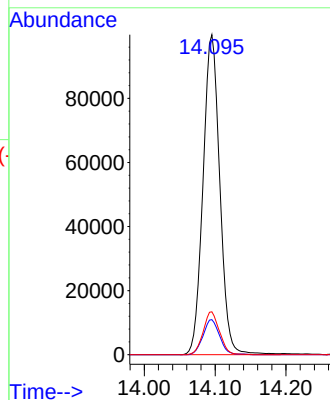
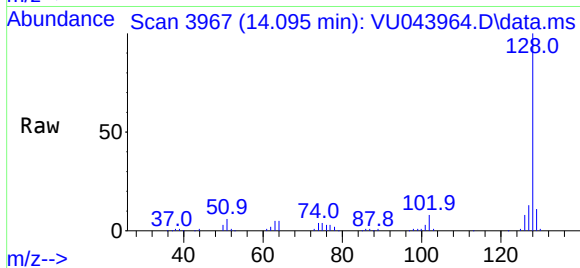




#71
Naphthalene
Concen: 4.47 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU043964.D
Acq: 25 May 2021 15:44

Instrument :
MSVOA_U
ClientSampleId :
VSTD005144

Tgt Ion:128 Resp: 164459
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 13.0 10.7 16.1



#72
1,2,3-Trichlorobenzene
Concen: 4.92 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. 0.000 min
Lab File: VU043964.D
Acq: 25 May 2021 15:44

Tgt Ion:180 Resp: 107779
Ion Ratio Lower Upper
180 100
182 95.3 75.0 112.4
145 30.7 24.1 36.1

