

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031321\
 Data File : VU042650.D
 Acq On : 13 Mar 2021 08:25
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00528

Quant Time: Mar 15 01:12:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Mar 13 06:39:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	62570	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	63313	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	31988	5.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	18113	4.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.80%
7) Chloroethane-d5	1.919	69	16710	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.80%
11) 1,1-Dichloroethene-d2	2.578	63	40583	4.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.20%
20) 2-Butanone-d5	4.642	46	90267	65.91	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	131.82%#
24) Chloroform-d	5.073	84	42504	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
26) 1,2-Dichloroethane-d4	5.710	65	30426	6.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	120.00%
32) Benzene-d6	5.735	84	72733	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.700	67	24334	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.906	98	78257	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
43) trans-1,3-Dichloroprop...	8.189	79	10439	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.642	63	65795	58.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.48%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	26447	5.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	118.60%
64) 1,2-Dichlorobenzene-d4	12.201	152	29358	5.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.20%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.388	85	27390	4.70	ug/L 97
3) Chloromethane	1.523	50	25960	4.71	ug/L 98
5) Vinyl chloride	1.607	62	25734	4.65	ug/L 100
6) Bromomethane	1.864	94	16511	5.40	ug/L 98
8) Chloroethane	1.941	64	18142	5.49	ug/L 91
9) Trichlorofluoromethane	2.144	101	46459	5.14	ug/L 98
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	22081	4.65	ug/L 98
12) 1,1-Dichloroethene	2.588	96	20239	4.59	ug/L 89
13) Acetone	2.652	43	65697	62.25	ug/L 96
14) Carbon disulfide	2.800	76	56142	4.00	ug/L 99
15) Methyl Acetate	2.964	43	14911	5.68	ug/L 98
16) Methylene chloride	3.054	84	24905	4.72	ug/L 99
17) Methyl tert-butyl Ether	3.372	73	62861	5.07	ug/L 98
18) trans-1,2-Dichloroethene	3.362	96	20624	4.45	ug/L 96
19) 1,1-Dichloroethane	3.880	63	43851	4.91	ug/L 97
21) 2-Butanone	4.723	43	111046	61.90	ug/L 96
22) cis-1,2-Dichloroethene	4.678	96	23312	4.71	ug/L 97
23) Bromochloromethane	4.986	128	12789	5.43	ug/L 96
25) Chloroform	5.099	83	46936	5.00	ug/L 97
27) 1,2-Dichloroethane	5.806	62	38486	5.46	ug/L # 93

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 ALS Vial : 52 Sample Multiplier: 1

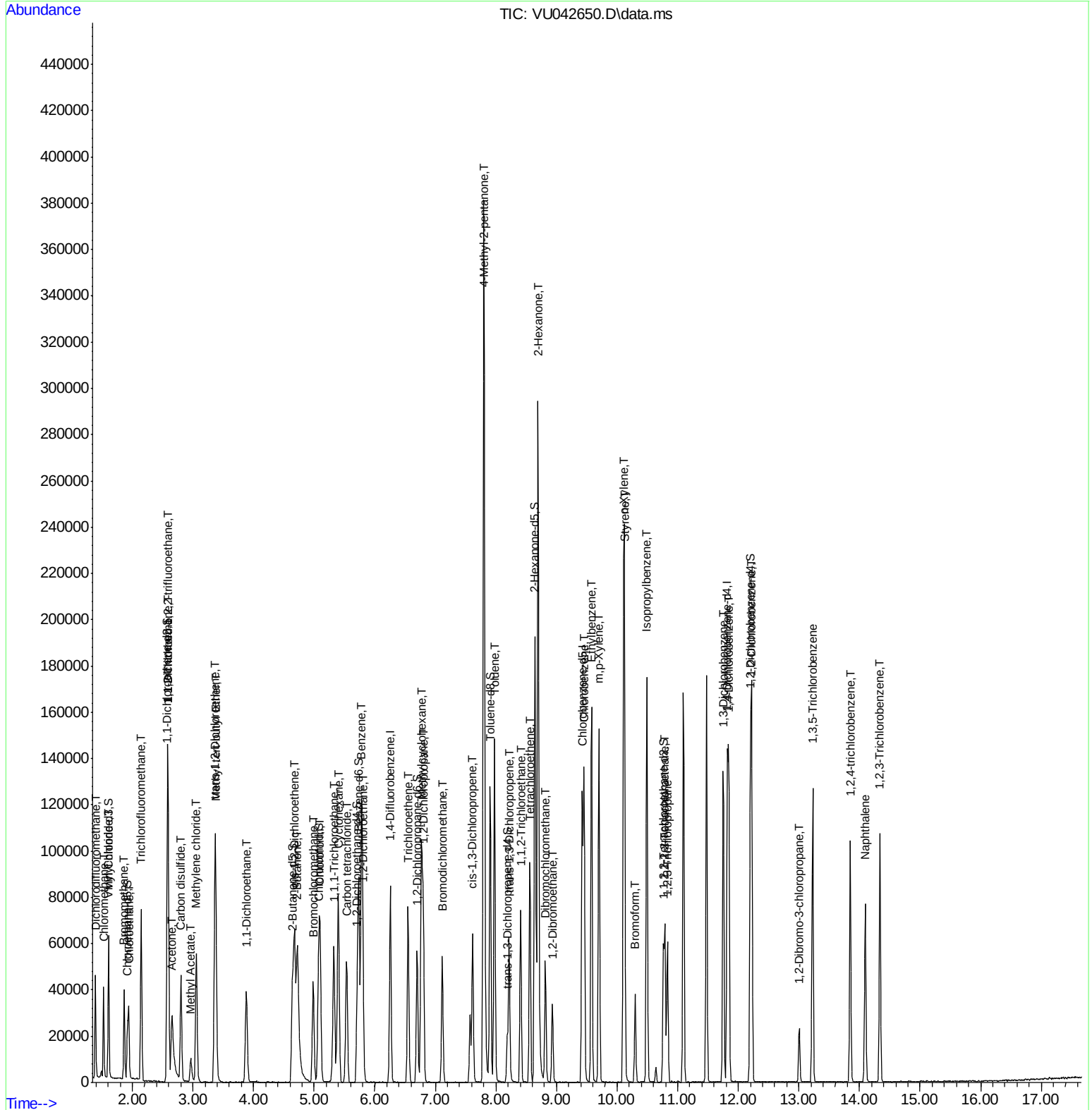
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00528

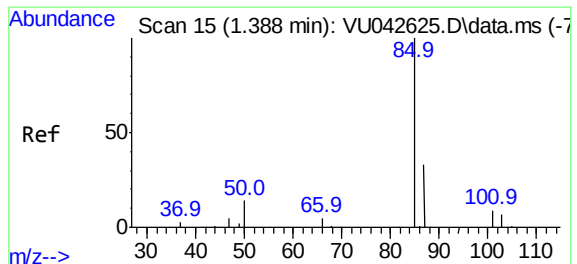
Quant Time: Mar 15 01:12:16 2021
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 Quant Title : TRACE VOA SOM01.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	5.324	97	40952	4.65	ug/L	96
30) Cyclohexane	5.398	56	36737	4.18	ug/L	98
31) Carbon tetrachloride	5.533	117	34844	4.49	ug/L	99
33) Benzene	5.784	78	92867	4.69	ug/L	100
34) Trichloroethene	6.549	95	24308	4.43	ug/L	99
35) Methylcyclohexane	6.771	83	34147	4.09	ug/L	98
37) 1,2-Dichloropropane	6.800	63	26062	4.87	ug/L #	97
38) Bromodichloromethane	7.115	83	33704	4.83	ug/L	99
39) cis-1,3-Dichloropropene	7.616	75	33519	4.30	ug/L	99
40) 4-Methyl-2-pentanone	7.800	43	278078	59.64	ug/L	96
42) Toluene	7.976	91	101294	4.69	ug/L	97
44) trans-1,3-Dichloropropene	8.218	75	31349	4.36	ug/L	97
45) 1,1,2-Trichloroethane	8.407	97	21360	5.42	ug/L	98
47) Tetrachloroethene	8.562	164	20370	4.55	ug/L	96
48) 2-Hexanone	8.693	43	211251	61.41	ug/L	94
49) Dibromochloromethane	8.819	129	25274	5.12	ug/L	97
50) 1,2-Dibromoethane	8.931	107	21024	5.41	ug/L	98
51) Chlorobenzene	9.452	112	63883	4.63	ug/L	98
52) Ethylbenzene	9.578	91	107114	4.40	ug/L	99
53) m,p-Xylene	9.700	106	39767	4.42	ug/L	97
54) o-Xylene	10.108	106	39352	4.51	ug/L	95
55) Styrene	10.121	104	67514	4.55	ug/L	99
56) Isopropylbenzene	10.491	105	103794	4.33	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.790	83	29775	5.64	ug/L	99
59) 1,2,3-Trichloropropane	10.832	75	22417	5.58	ug/L	99
61) Bromoform	10.298	173	16600	5.75	ug/L	100
62) 1,3-Dichlorobenzene	11.751	146	52092	4.72	ug/L	99
63) 1,4-Dichlorobenzene	11.844	146	51906	4.72	ug/L	98
65) 1,2-Dichlorobenzene	12.221	146	53548	5.04	ug/L	97
66) 1,2-Dibromo-3-chloropr...	13.005	75	5399	6.05	ug/L	87
67) 1,3,5-Trichlorobenzene	13.227	180	38953	4.07	ug/L	99
68) 1,2,4-trichlorobenzene	13.848	180	30386	3.84	ug/L	98
69) Naphthalene	14.095	128	58596	4.55	ug/L	98
70) 1,2,3-Trichlorobenzene	14.336	180	32234	4.49	ug/L	99

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

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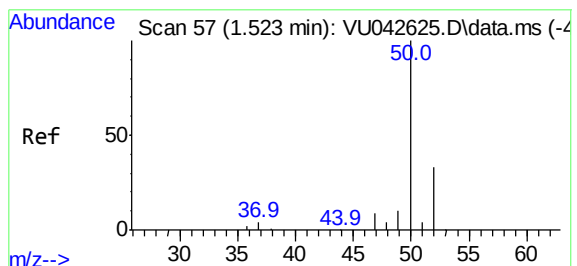
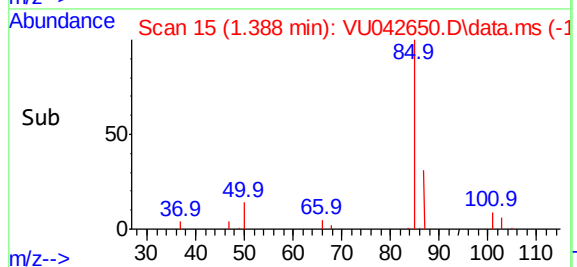
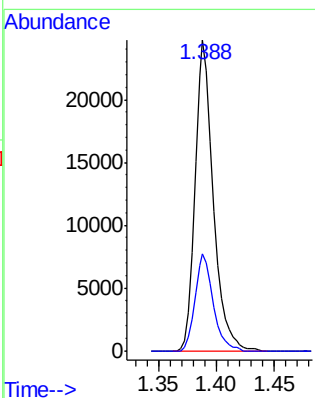
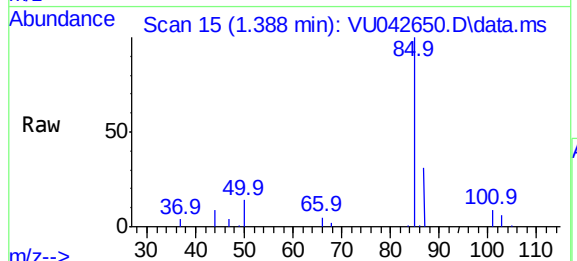




#2
Dichlorodifluoromethane
Concen: 4.70 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU042650.D
Acq: 13 Mar 2021 08:25

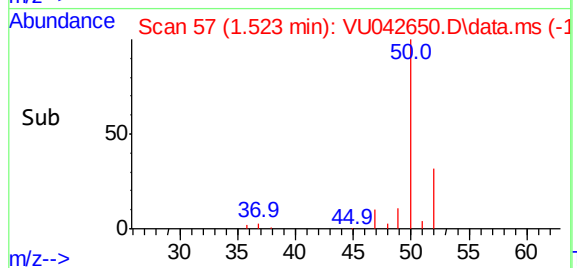
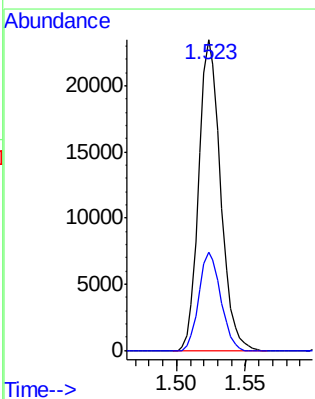
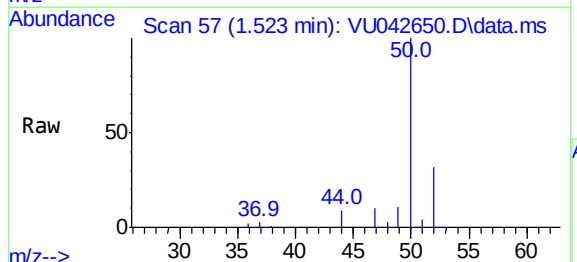
Instrument :
MSVOA_U
ClientSampleId :
VSTD00528

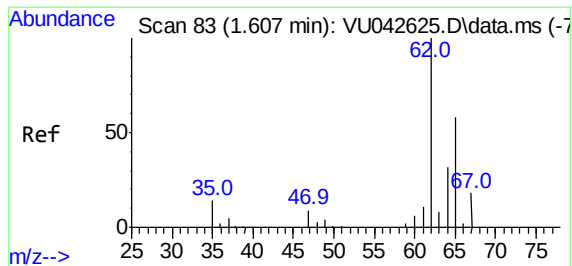
Tgt Ion: 85 Resp: 27390
Ion Ratio Lower Upper
85 100
87 31.0 26.1 39.1



#3
Chloromethane
Concen: 4.71 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042650.D
Acq: 13 Mar 2021 08:25

Tgt Ion: 50 Resp: 25960
Ion Ratio Lower Upper
50 100
52 31.7 23.0 42.8

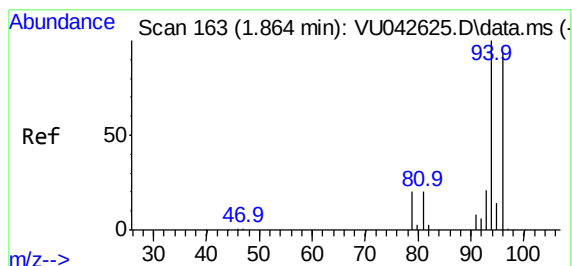
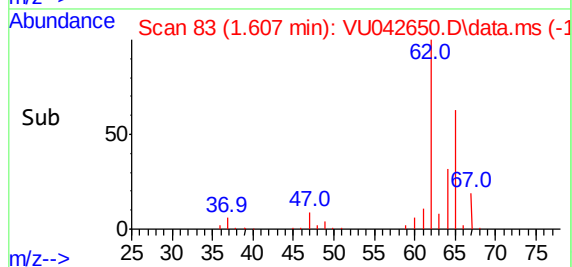
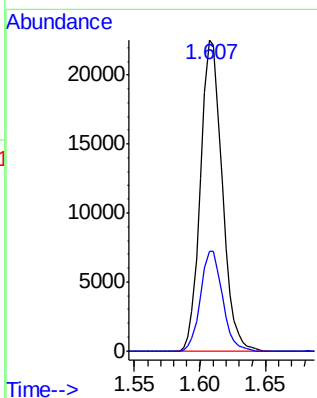
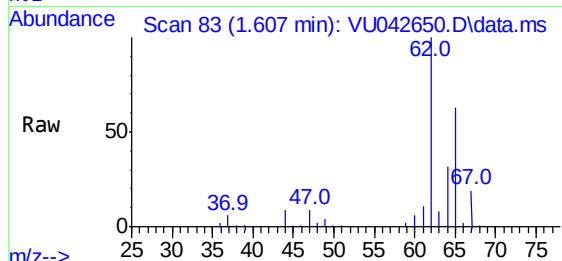




#5
 Vinyl chloride
 Concen: 4.65 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU042650.D
 Acq: 13 Mar 2021 08:25

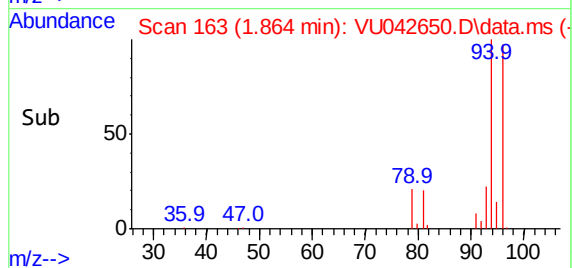
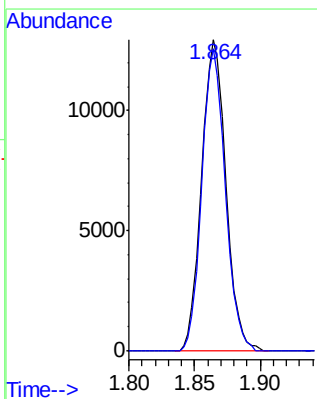
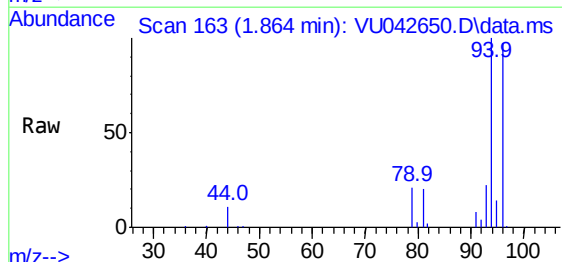
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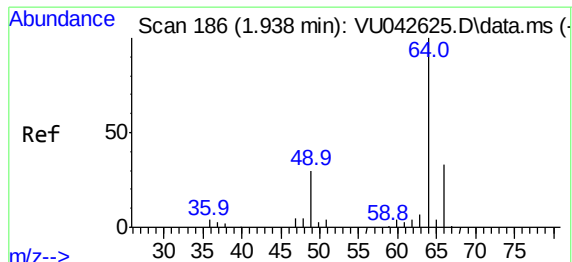
Tgt Ion: 62 Resp: 25734
 Ion Ratio Lower Upper
 62 100
 64 32.2 22.7 42.1



#6
 Bromomethane
 Concen: 5.40 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. -0.000 min
 Lab File: VU042650.D
 Acq: 13 Mar 2021 08:25

Tgt Ion: 94 Resp: 16511
 Ion Ratio Lower Upper
 94 100
 96 97.2 66.5 123.5

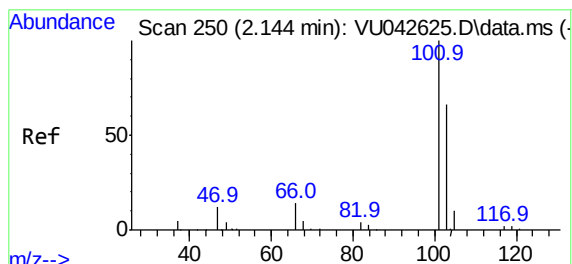
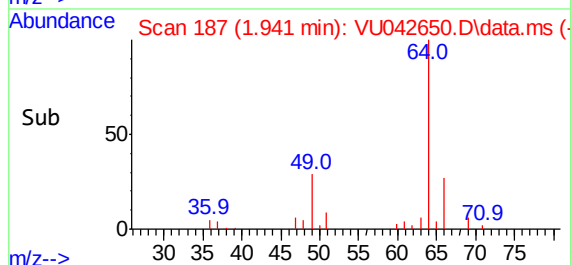
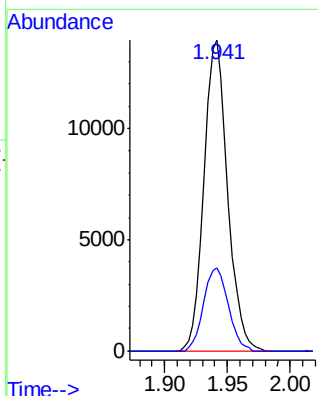
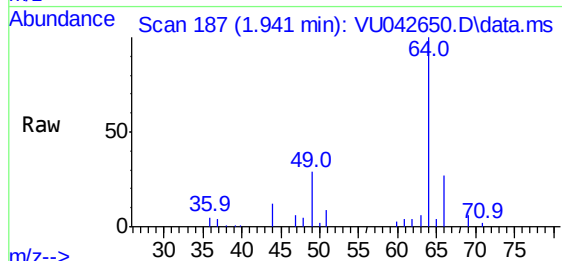




#8
Chloroethane
Concen: 5.49 ug/L
RT: 1.941 min Scan# 187
Delta R.T. 0.003 min
Lab File: VU042650.D
Acq: 13 Mar 2021 08:25

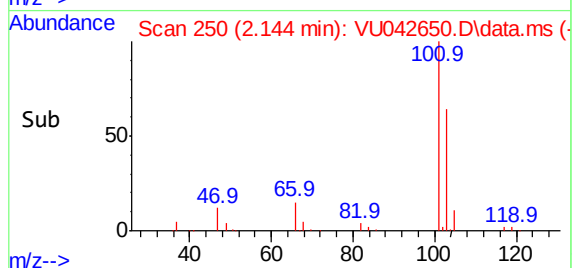
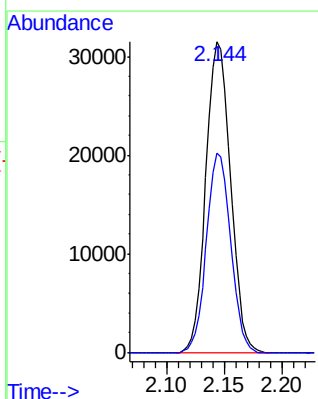
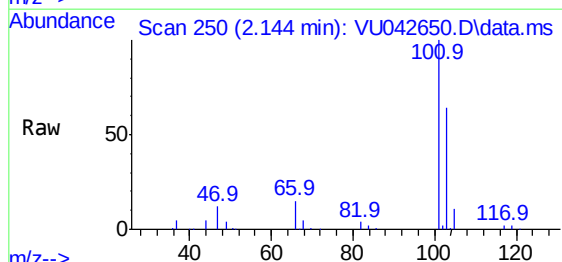
Instrument :
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ClientSampleId :
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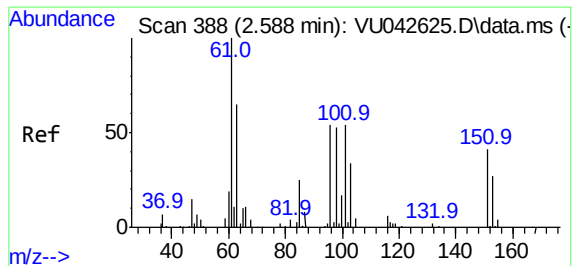
Tgt Ion: 64 Resp: 18142
Ion Ratio Lower Upper
64 100
66 26.5 22.2 41.2



#9
Trichlorofluoromethane
Concen: 5.14 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU042650.D
Acq: 13 Mar 2021 08:25

Tgt Ion:101 Resp: 46459
Ion Ratio Lower Upper
101 100
103 62.9 51.8 77.8



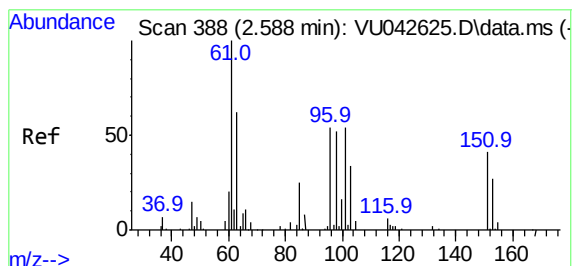
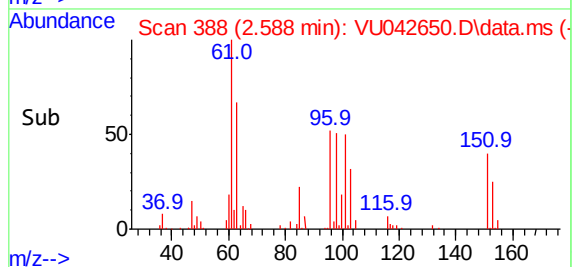
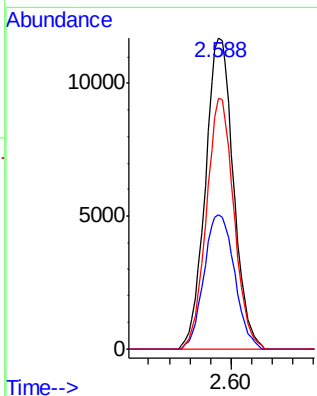
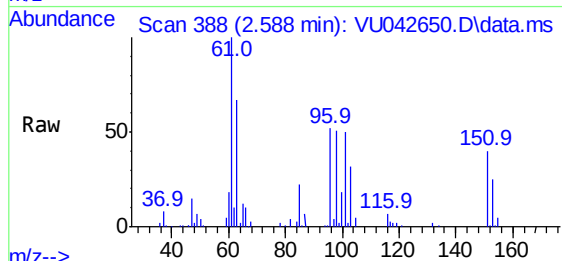


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.65 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU042650.D
 Acq: 13 Mar 2021 08:25

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00528

Tgt Ion:101 Resp: 22081

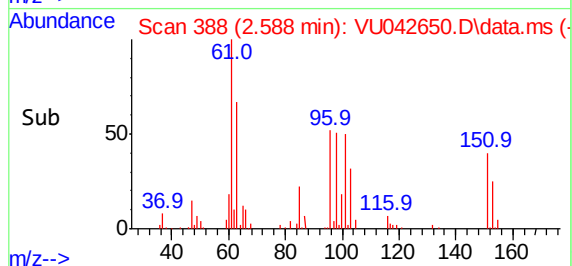
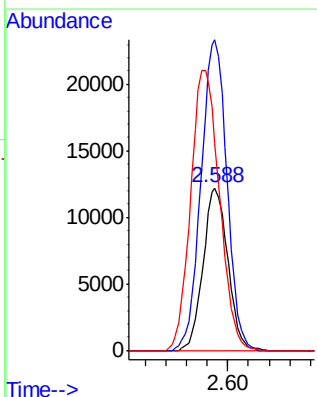
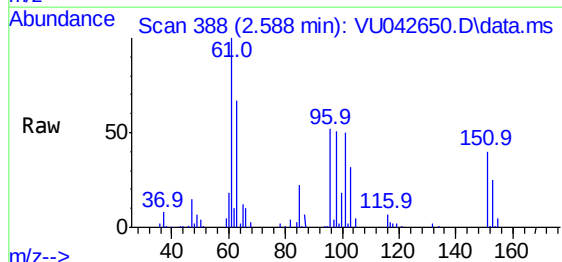
Ion	Ratio	Lower	Upper
101	100		
85	46.8	34.6	51.8
151	79.0	62.7	94.1

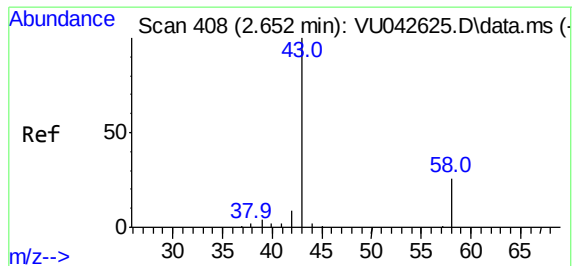


#12
 1,1-Dichloroethene
 Concen: 4.59 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU042650.D
 Acq: 13 Mar 2021 08:25

Tgt Ion: 96 Resp: 20239

Ion	Ratio	Lower	Upper
96	100		
61	191.4	126.2	234.4
63	127.5	77.8	144.4

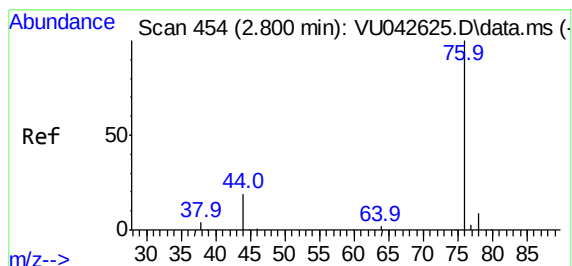
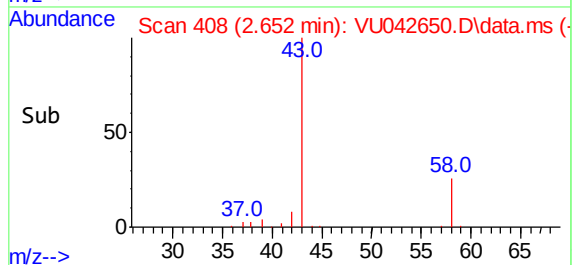
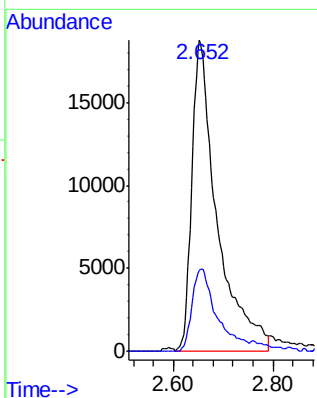
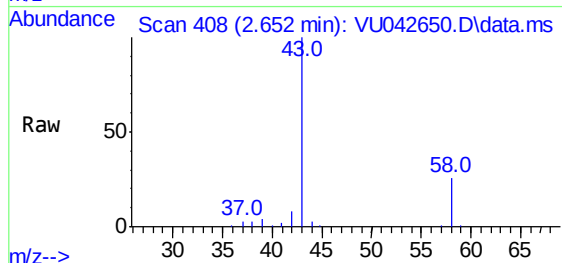




#13
Acetone
Concen: 62.25 ug/L
RT: 2.652 min Scan# 408
Delta R.T. -0.000 min
Lab File: VU042650.D
Acq: 13 Mar 2021 08:25

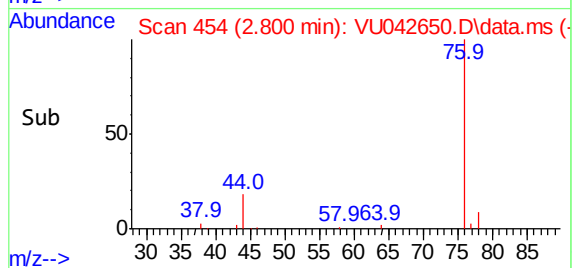
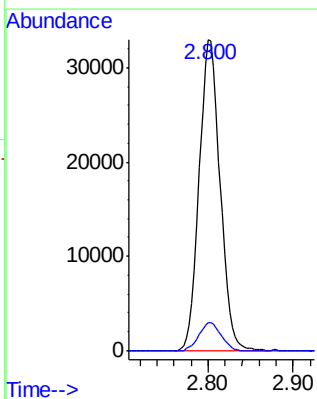
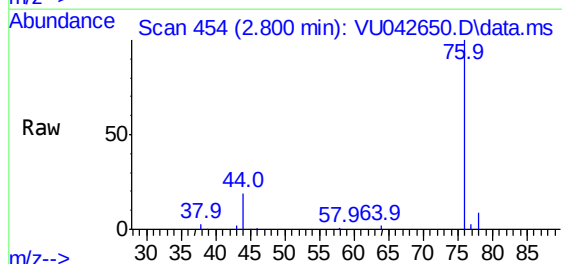
Instrument :
MSVOA_U
ClientSampleId :
VSTD00528

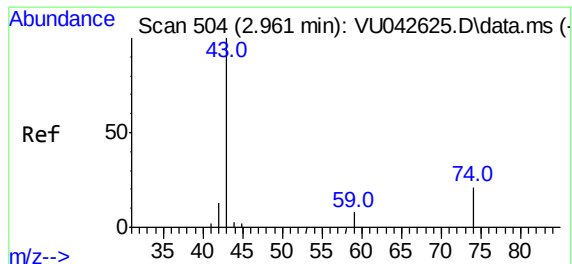
Tgt Ion: 43 Resp: 65697
Ion Ratio Lower Upper
43 100
58 25.8 0.0 55.8



#14
Carbon disulfide
Concen: 4.00 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
Lab File: VU042650.D
Acq: 13 Mar 2021 08:25

Tgt Ion: 76 Resp: 56142
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9

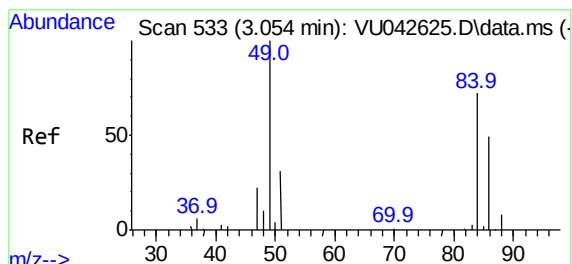
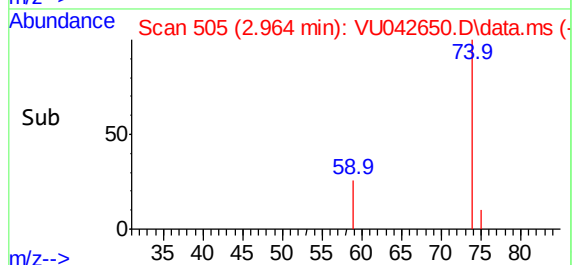
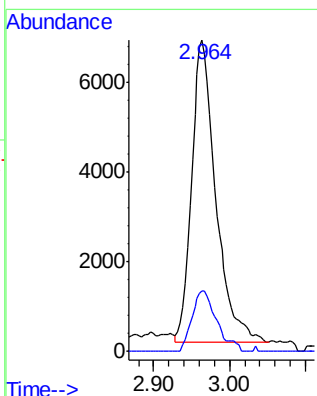
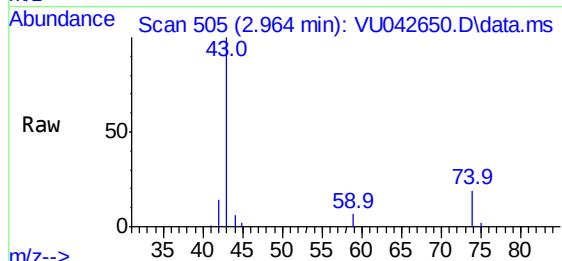




#15
Methyl Acetate
Concen: 5.68 ug/L
RT: 2.964 min Scan# 505
Delta R.T. 0.003 min
Lab File: VU042650.D
Acq: 13 Mar 2021 08:25

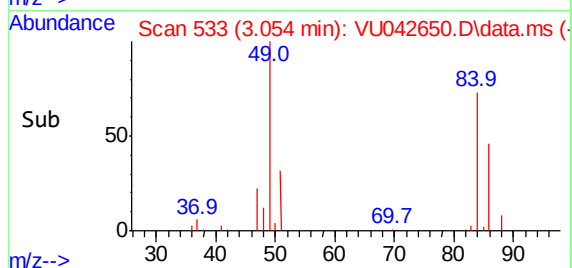
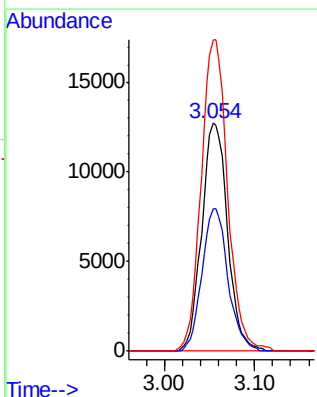
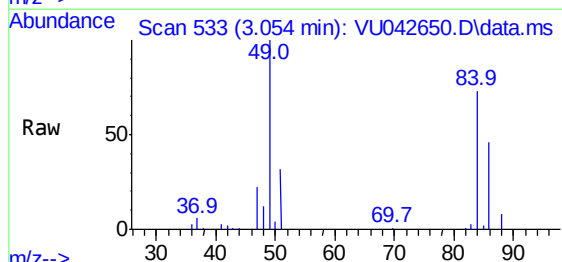
Instrument :
MSVOA_U
ClientSampleId :
VSTD00528

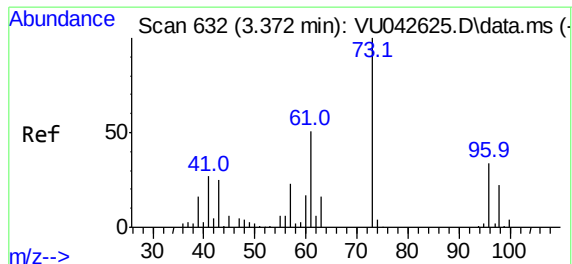
Tgt Ion: 43 Resp: 14911
Ion Ratio Lower Upper
43 100
74 20.0 16.9 25.3



#16
Methylene chloride
Concen: 4.72 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU042650.D
Acq: 13 Mar 2021 08:25

Tgt Ion: 84 Resp: 24905
Ion Ratio Lower Upper
84 100
86 62.4 44.1 81.9
49 136.4 95.0 176.4



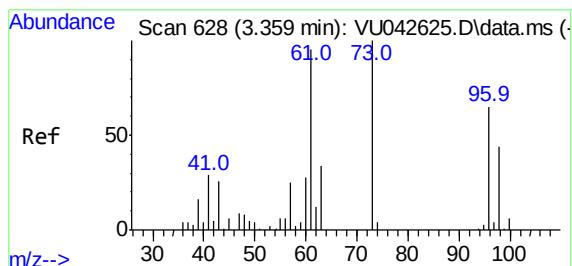
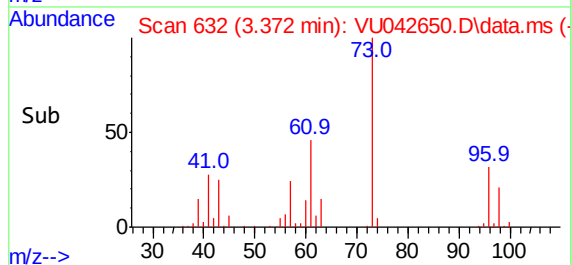
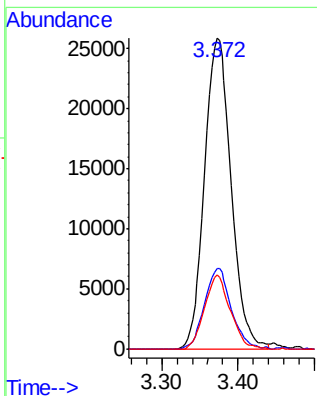
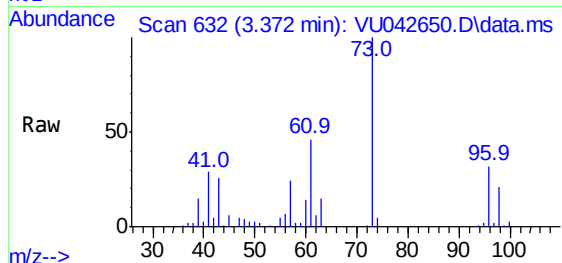


#17
Methyl tert-butyl Ether
Concen: 5.07 ug/L
RT: 3.372 min Scan# 632
Delta R.T. -0.000 min
Lab File: VU042650.D
Acq: 13 Mar 2021 08:25

Instrument :
MSVOA_U
ClientSampleId :
VSTD00528

Tgt Ion: 73 Resp: 62861

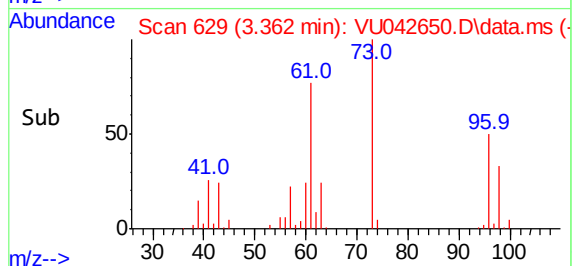
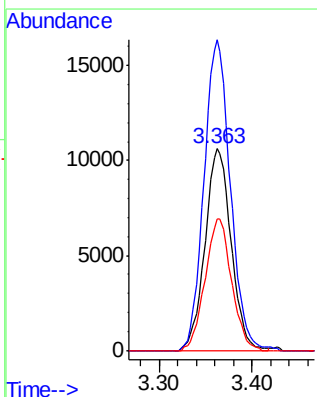
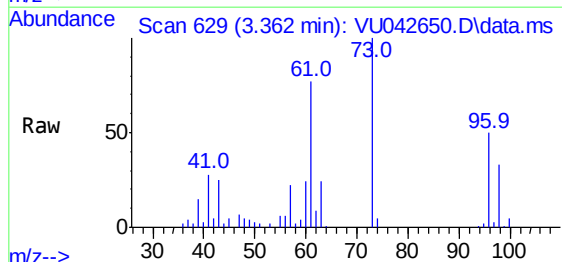
Ion	Ratio	Lower	Upper
73	100		
43	26.0	18.9	28.3
57	22.8	18.2	27.4

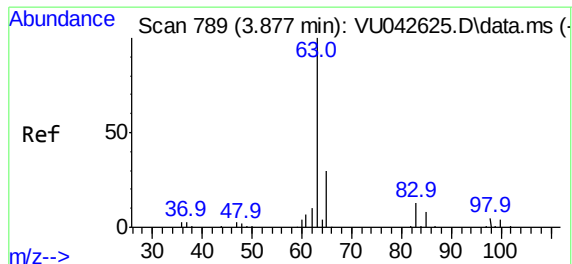


#18
trans-1,2-Dichloroethene
Concen: 4.45 ug/L
RT: 3.362 min Scan# 629
Delta R.T. 0.003 min
Lab File: VU042650.D
Acq: 13 Mar 2021 08:25

Tgt Ion: 96 Resp: 20624

Ion	Ratio	Lower	Upper
96	100		
61	154.3	105.7	196.3
98	65.6	42.8	79.6

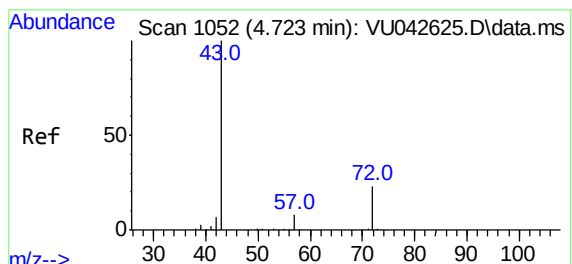
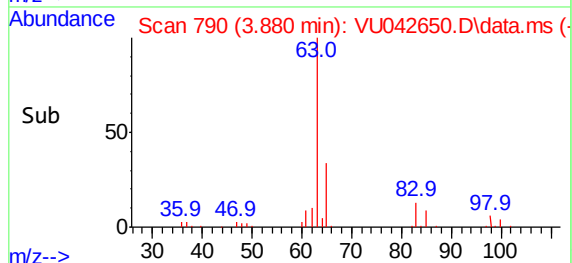
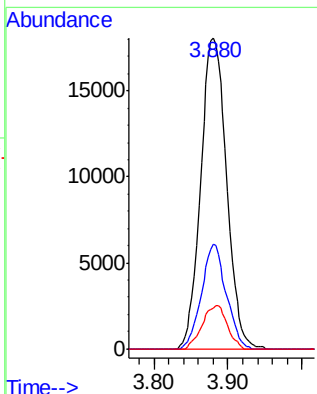
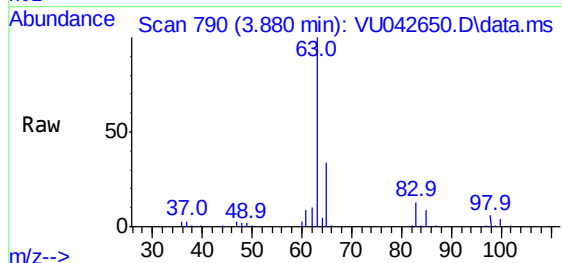




#19
1,1-Dichloroethane
Concen: 4.91 ug/L
RT: 3.880 min Scan# 790
Delta R.T. 0.003 min
Lab File: VU042650.D
Acq: 13 Mar 2021 08:25

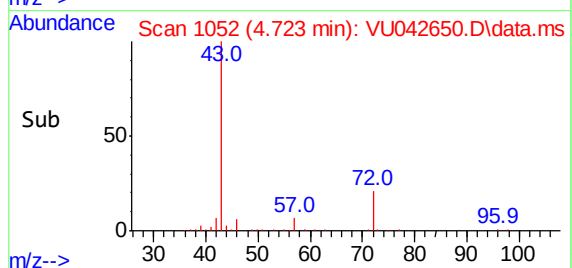
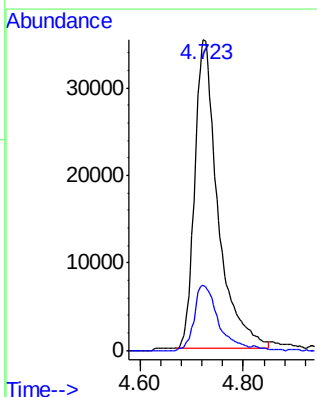
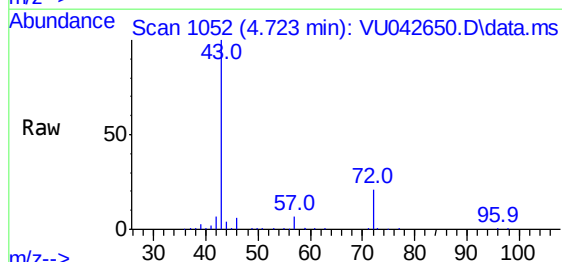
Instrument :
MSVOA_U
ClientSampleId :
VSTD00528

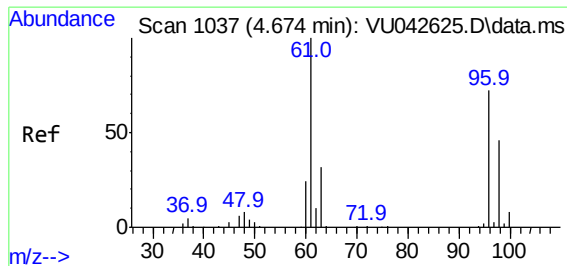
Tgt Ion: 63 Resp: 43851
Ion Ratio Lower Upper
63 100
65 33.8 22.5 41.9
83 13.3 10.1 18.7



#21
2-Butanone
Concen: 61.90 ug/L
RT: 4.723 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VU042650.D
Acq: 13 Mar 2021 08:25

Tgt Ion: 43 Resp: 111046
Ion Ratio Lower Upper
43 100
72 21.6 11.7 35.1



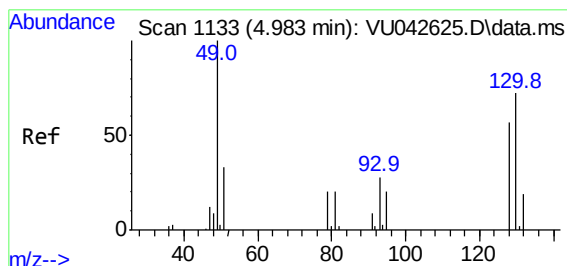
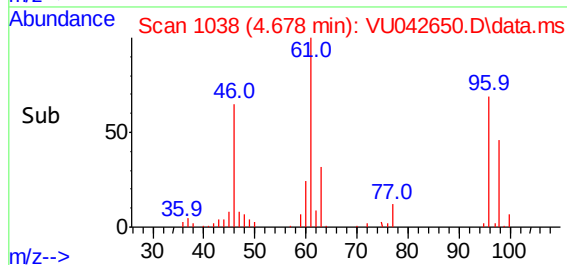
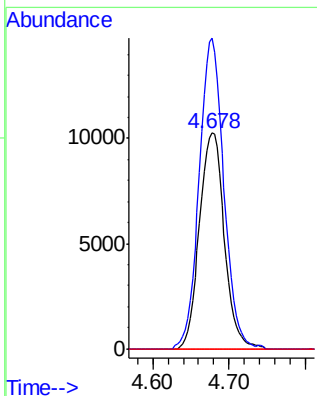
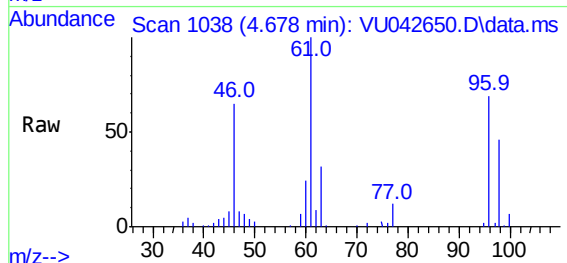


#22
 cis-1,2-Dichloroethene
 Concen: 4.71 ug/L
 RT: 4.678 min Scan# 1038
 Delta R.T. 0.003 min
 Lab File: VU042650.D
 Acq: 13 Mar 2021 08:25

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00528

Tgt Ion: 96 Resp: 23312

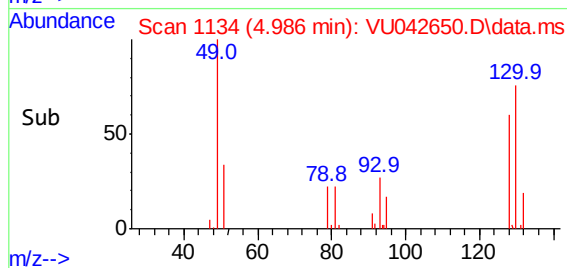
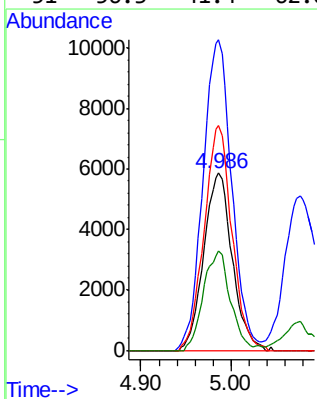
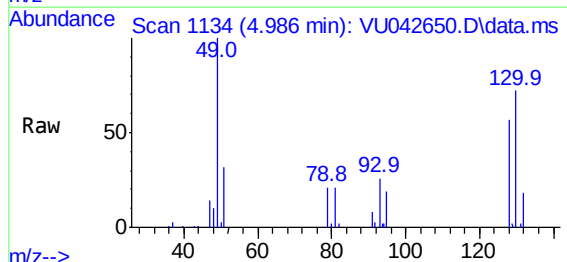
Ion	Ratio	Lower	Upper
96	100		
61	143.9	97.8	181.6
68	0.0	0.0	0.0

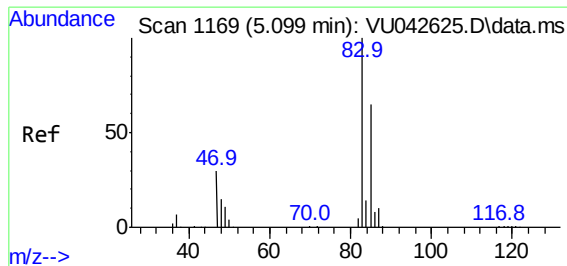


#23
 Bromochloromethane
 Concen: 5.43 ug/L
 RT: 4.986 min Scan# 1134
 Delta R.T. 0.003 min
 Lab File: VU042650.D
 Acq: 13 Mar 2021 08:25

Tgt Ion: 128 Resp: 12789

Ion	Ratio	Lower	Upper
128	100		
49	175.6	117.7	218.7
130	127.2	87.9	163.3
51	56.3	41.4	62.0

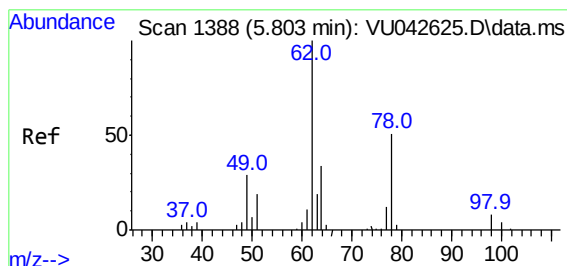
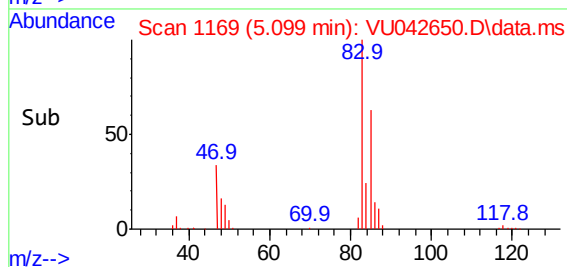
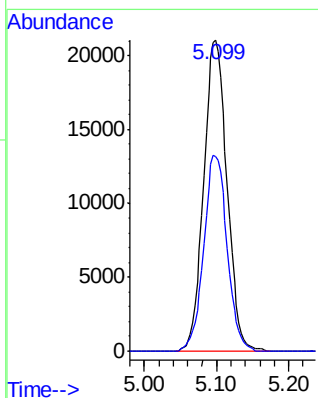
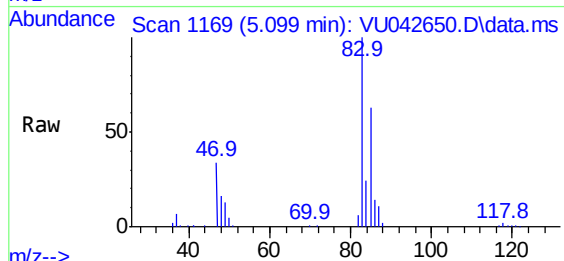




#25
Chloroform
Concen: 5.00 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU042650.D
Acq: 13 Mar 2021 08:25

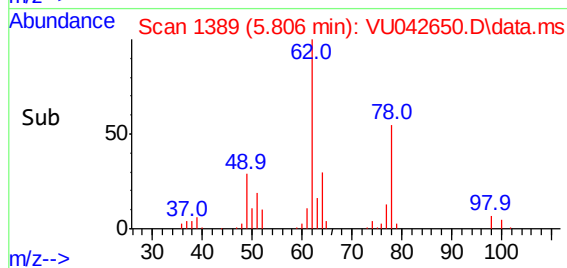
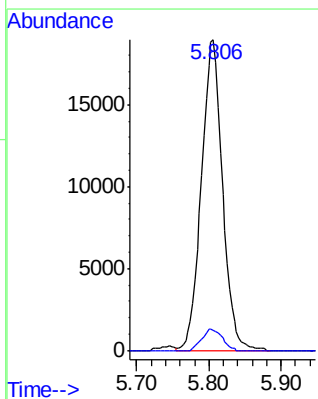
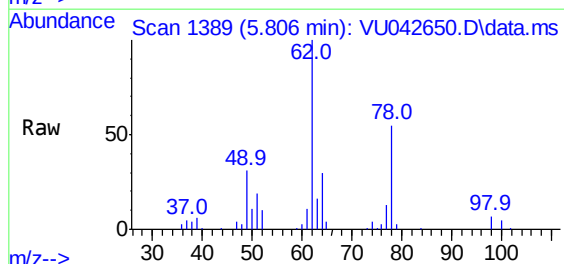
Instrument :
MSVOA_U
ClientSampleId :
VSTD00528

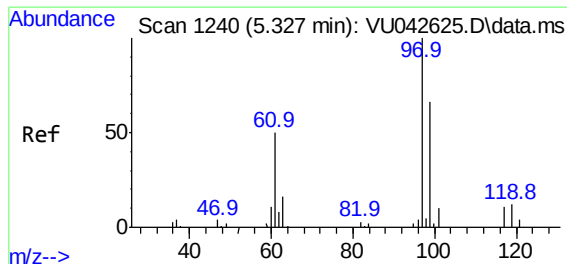
Tgt Ion: 83 Resp: 46936
Ion Ratio Lower Upper
83 100
85 62.6 45.7 84.9



#27
1,2-Dichloroethane
Concen: 5.46 ug/L
RT: 5.806 min Scan# 1389
Delta R.T. 0.003 min
Lab File: VU042650.D
Acq: 13 Mar 2021 08:25

Tgt Ion: 62 Resp: 38486
Ion Ratio Lower Upper
62 100
98 6.6 7.3 10.9#

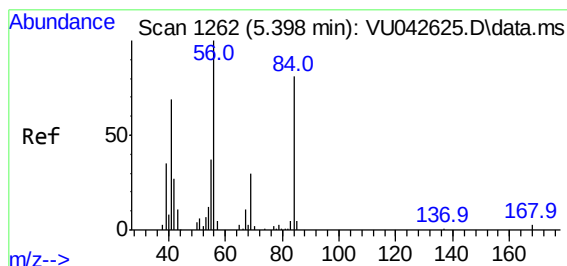
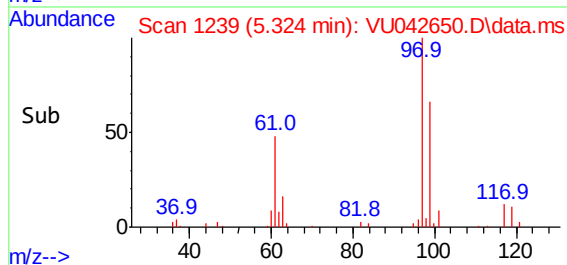
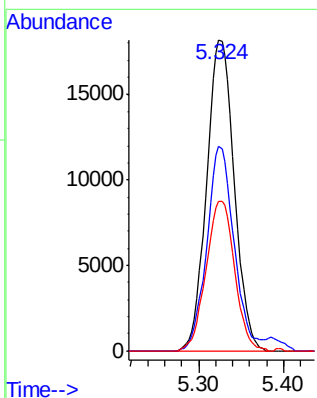
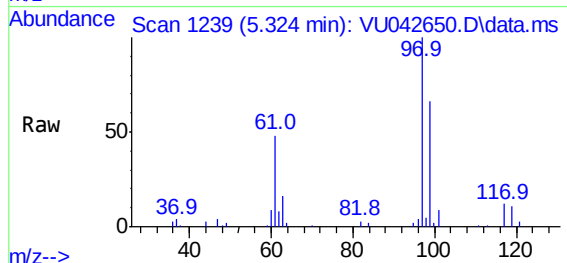




#29
1,1,1-Trichloroethane
Concen: 4.65 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. -0.003 min
Lab File: VU042650.D
Acq: 13 Mar 2021 08:25

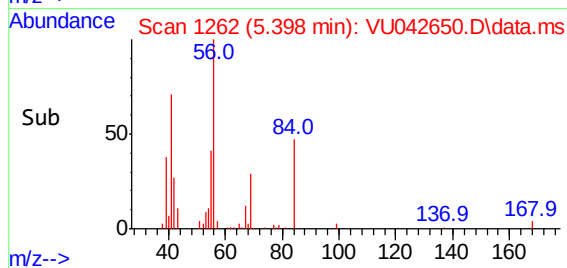
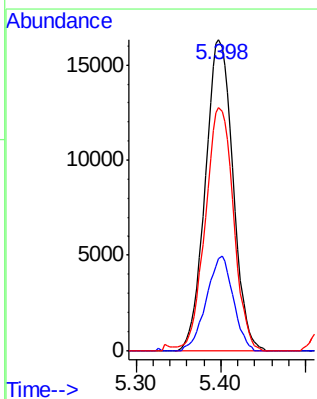
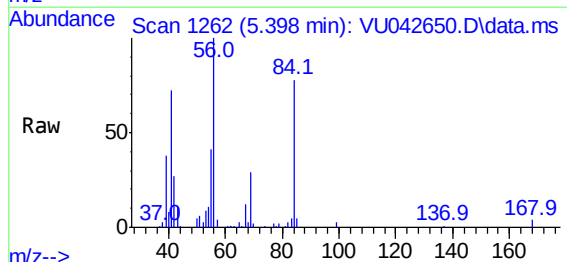
Instrument :
MSVOA_U
ClientSampleId :
VSTD00528

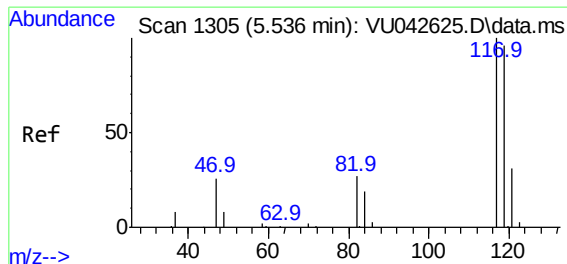
Tgt Ion: 97 Resp: 40952
Ion Ratio Lower Upper
97 100
99 65.1 50.8 76.2
61 49.7 35.8 53.6



#30
Cyclohexane
Concen: 4.18 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VU042650.D
Acq: 13 Mar 2021 08:25

Tgt Ion: 56 Resp: 36737
Ion Ratio Lower Upper
56 100
69 29.3 23.7 35.5
84 79.7 65.3 97.9

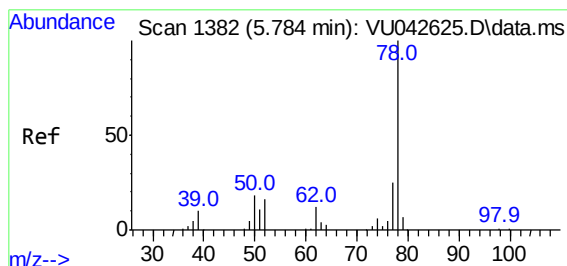
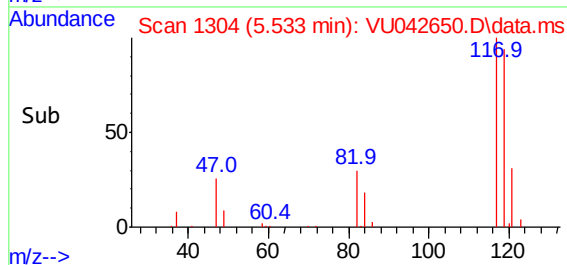
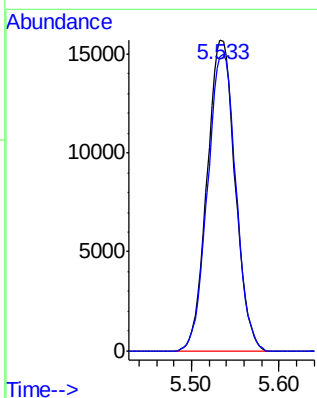
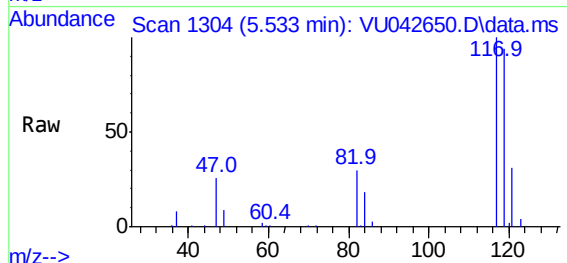




#31
Carbon tetrachloride
Concen: 4.49 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. -0.003 min
Lab File: VU042650.D
Acq: 13 Mar 2021 08:25

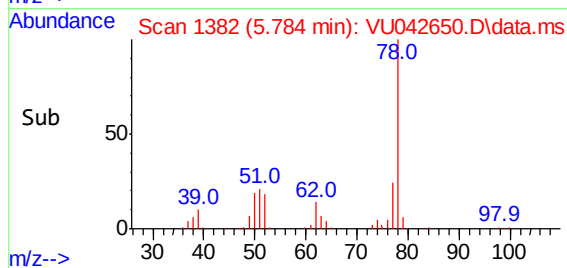
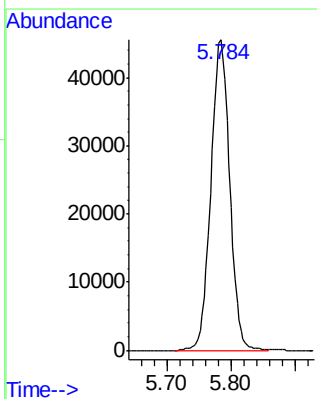
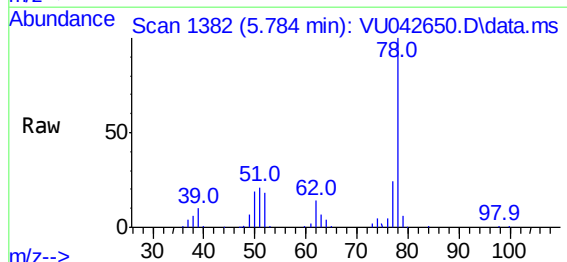
Instrument :
MSVOA_U
ClientSampleId :
VSTD00528

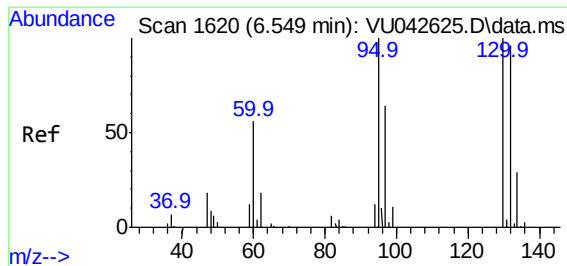
Tgt Ion:117 Resp: 34844
Ion Ratio Lower Upper
117 100
119 96.5 76.2 114.4



#33
Benzene
Concen: 4.69 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VU042650.D
Acq: 13 Mar 2021 08:25

Tgt Ion: 78 Resp: 92867



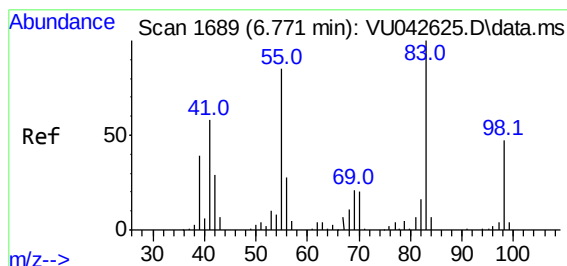
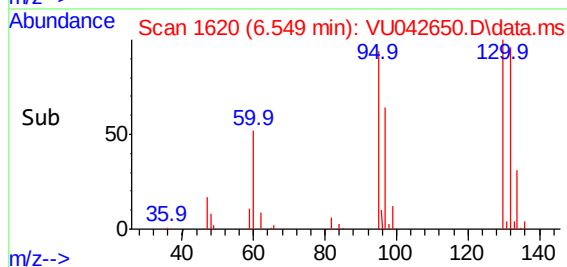
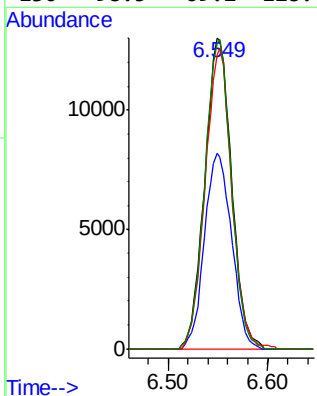
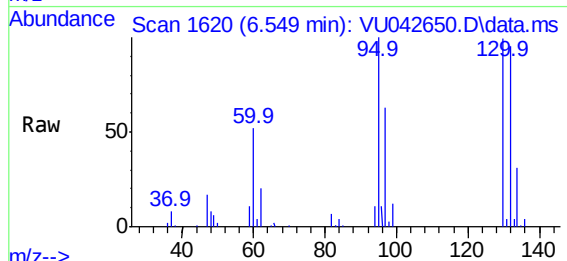


#34
Trichloroethene
Concen: 4.43 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VU042650.D
Acq: 13 Mar 2021 08:25

Instrument :
MSVOA_U
ClientSampleId :
VSTD00528

Tgt Ion: 95 Resp: 24308

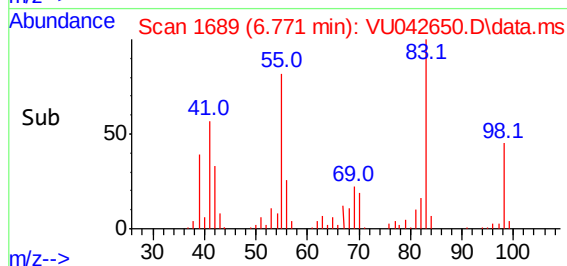
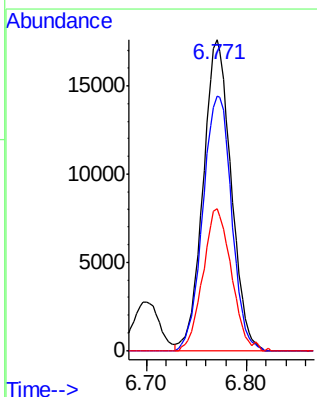
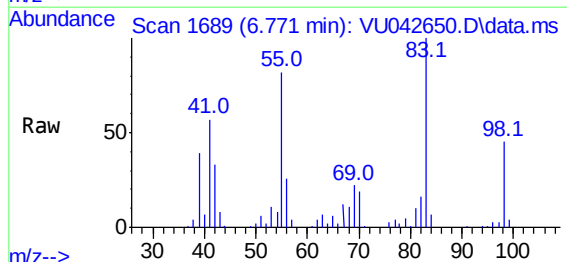
Ion	Ratio	Lower	Upper
95	100		
97	63.1	44.4	82.4
132	94.7	68.0	126.4
130	98.5	69.2	128.4

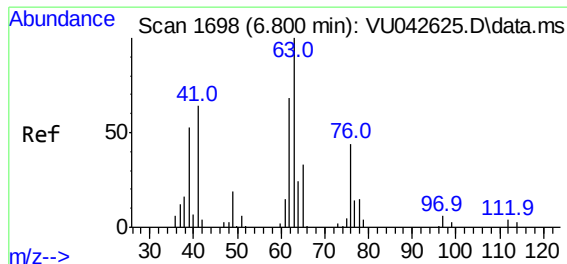


#35
Methylcyclohexane
Concen: 4.09 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VU042650.D
Acq: 13 Mar 2021 08:25

Tgt Ion: 83 Resp: 34147

Ion	Ratio	Lower	Upper
83	100		
55	84.4	68.2	102.4
98	46.4	39.7	59.5

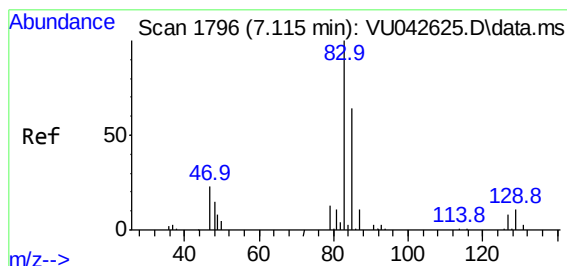
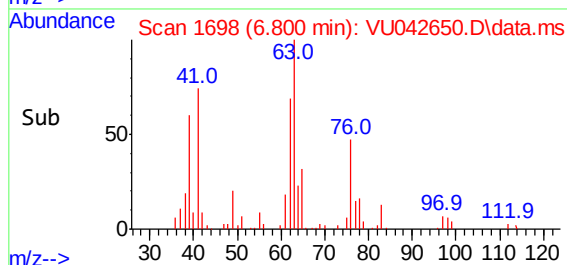
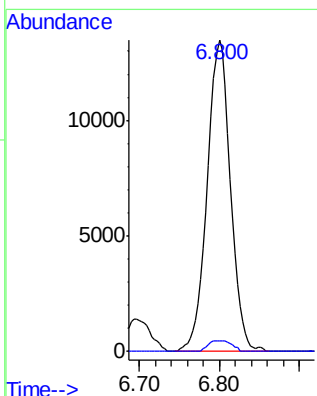
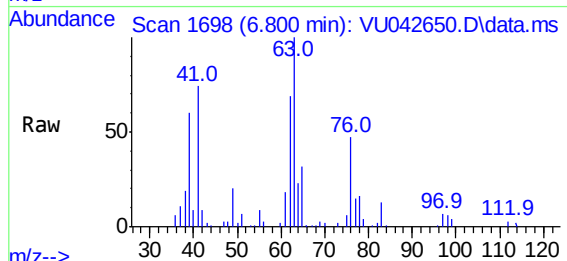




#37
 1,2-Dichloropropane
 Concen: 4.87 ug/L
 RT: 6.800 min Scan# 1698
 Delta R.T. -0.000 min
 Lab File: VU042650.D
 Acq: 13 Mar 2021 08:25

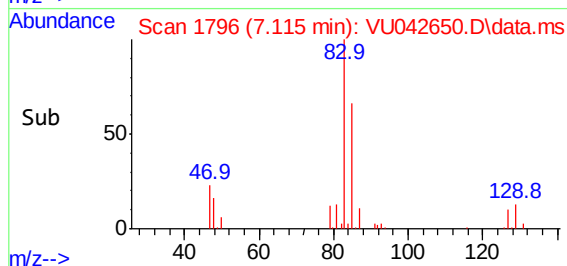
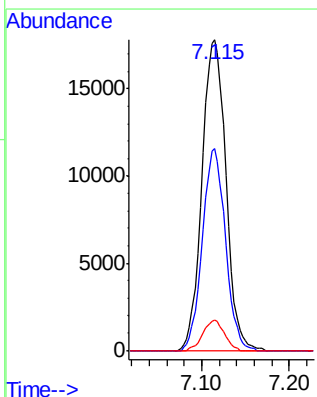
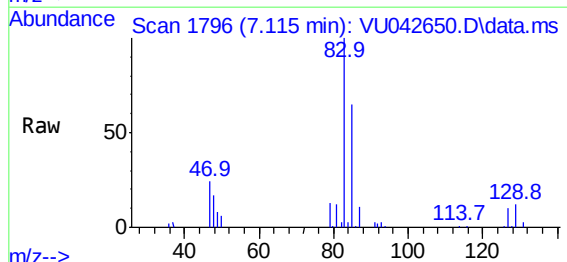
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00528

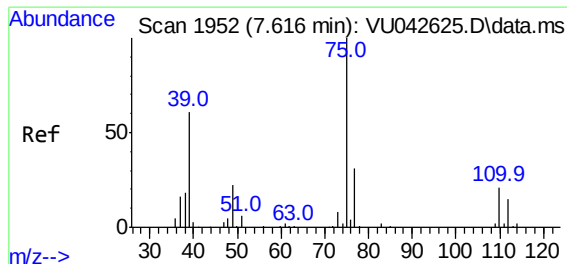
Tgt Ion: 63 Resp: 26062
 Ion Ratio Lower Upper
 63 100
 112 3.2 3.4 5.0#



#38
 Bromodichloromethane
 Concen: 4.83 ug/L
 RT: 7.115 min Scan# 1796
 Delta R.T. -0.000 min
 Lab File: VU042650.D
 Acq: 13 Mar 2021 08:25

Tgt Ion: 83 Resp: 33704
 Ion Ratio Lower Upper
 83 100
 85 65.1 46.0 85.4
 127 9.7 6.8 10.2

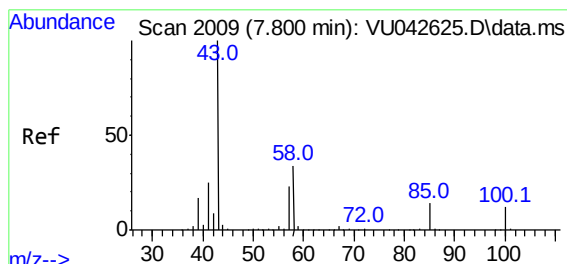
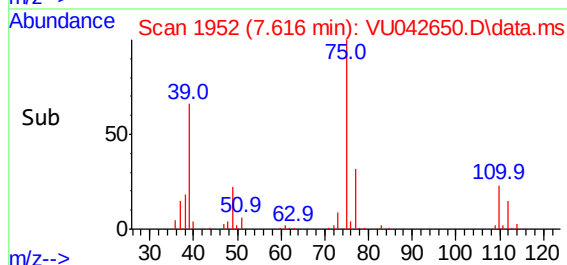
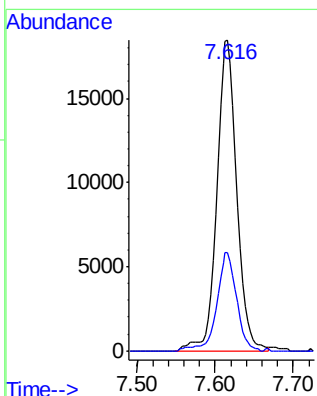
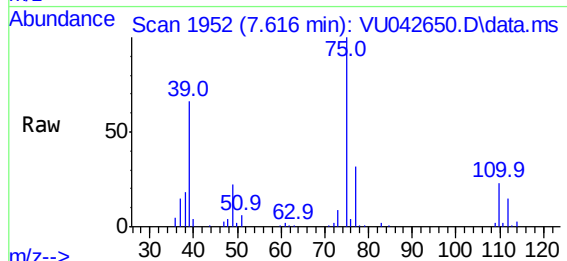




#39
 cis-1,3-Dichloropropene
 Concen: 4.30 ug/L
 RT: 7.616 min Scan# 1952
 Delta R.T. -0.000 min
 Lab File: VU042650.D
 Acq: 13 Mar 2021 08:25

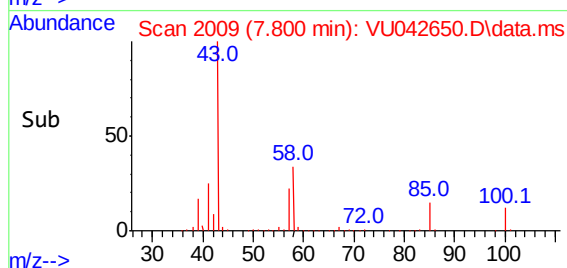
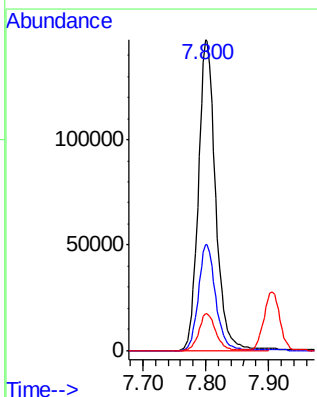
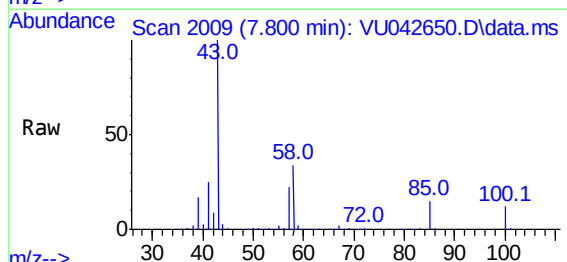
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00528

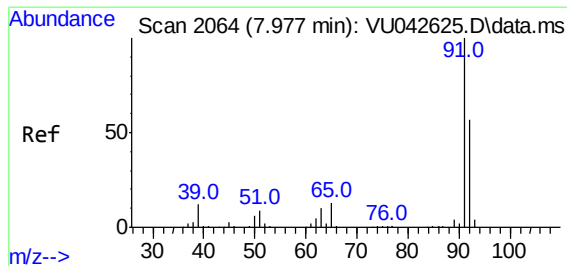
Tgt Ion: 75 Resp: 33519
 Ion Ratio Lower Upper
 75 100
 77 31.8 22.0 40.8



#40
 4-Methyl-2-pentanone
 Concen: 59.64 ug/L
 RT: 7.800 min Scan# 2009
 Delta R.T. -0.000 min
 Lab File: VU042650.D
 Acq: 13 Mar 2021 08:25

Tgt Ion: 43 Resp: 278078
 Ion Ratio Lower Upper
 43 100
 58 34.2 29.1 43.7
 100 11.8 11.0 16.4

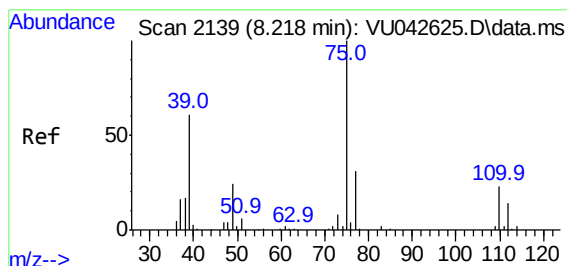
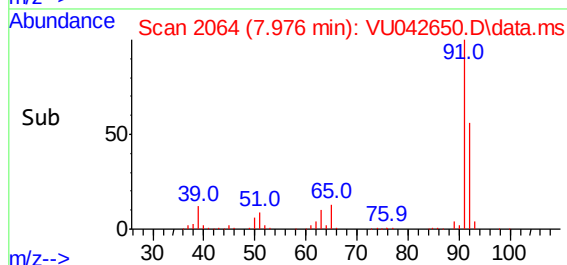
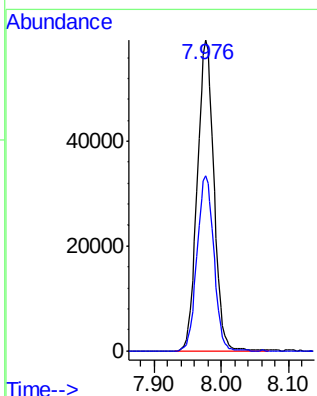
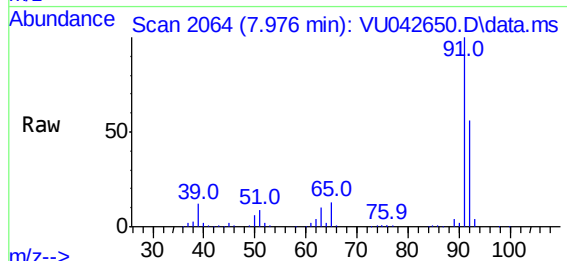




#42
Toluene
Concen: 4.69 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU042650.D
Acq: 13 Mar 2021 08:25

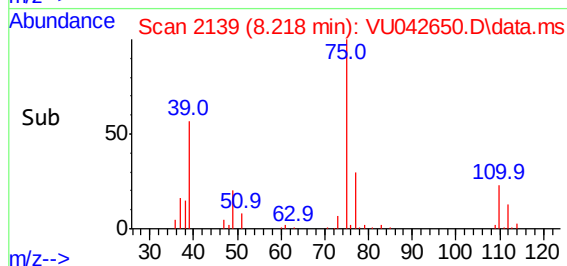
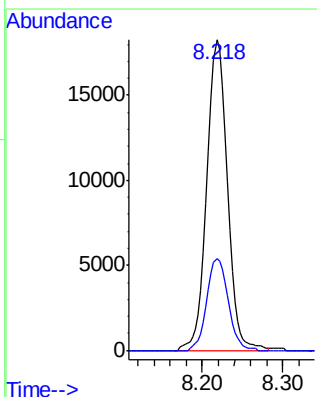
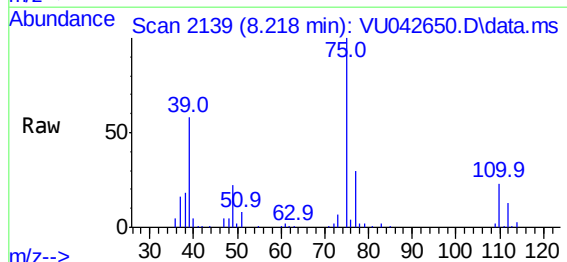
Instrument :
MSVOA_U
ClientSampleId :
VSTD00528

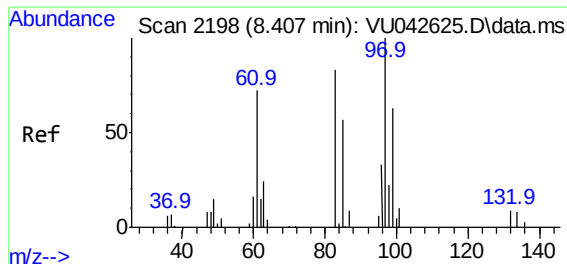
Tgt Ion: 91 Resp: 101294
Ion Ratio Lower Upper
91 100
92 56.4 41.2 76.6



#44
trans-1,3-Dichloropropene
Concen: 4.36 ug/L
RT: 8.218 min Scan# 2139
Delta R.T. -0.000 min
Lab File: VU042650.D
Acq: 13 Mar 2021 08:25

Tgt Ion: 75 Resp: 31349
Ion Ratio Lower Upper
75 100
77 29.7 21.8 40.4



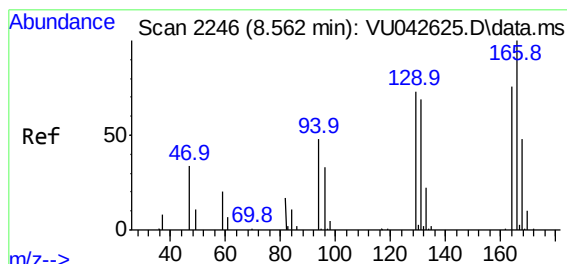
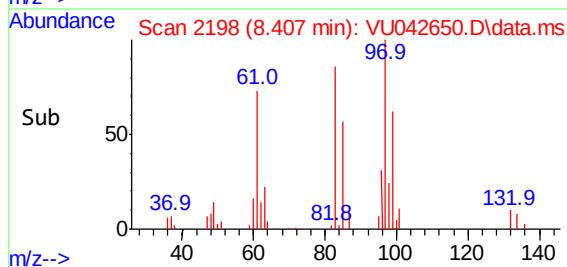
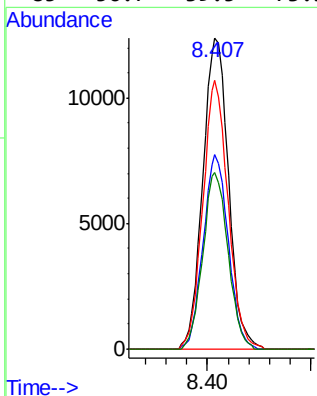
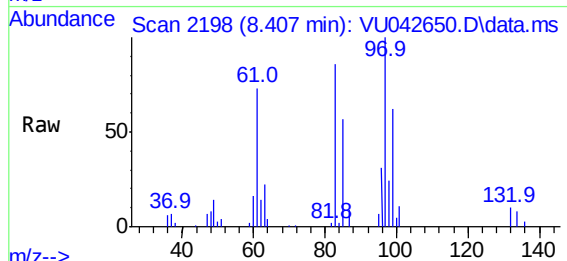


#45
1,1,2-Trichloroethane
Concen: 5.42 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. -0.000 min
Lab File: VU042650.D
Acq: 13 Mar 2021 08:25

Instrument :
MSVOA_U
ClientSampleId :
VSTD00528

Tgt Ion: 97 Resp: 21360

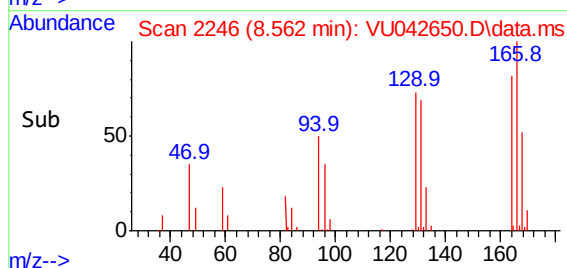
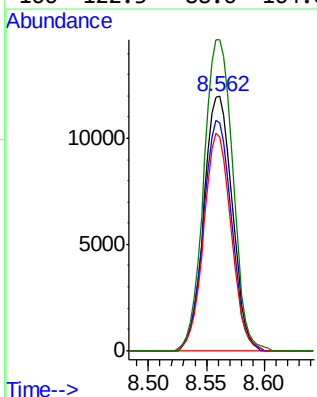
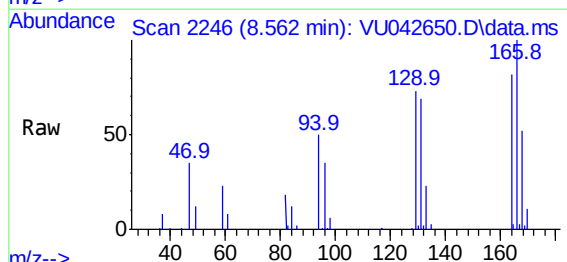
Ion	Ratio	Lower	Upper
97	100		
99	62.4	44.0	81.8
83	86.4	57.6	107.0
85	56.7	39.5	73.3

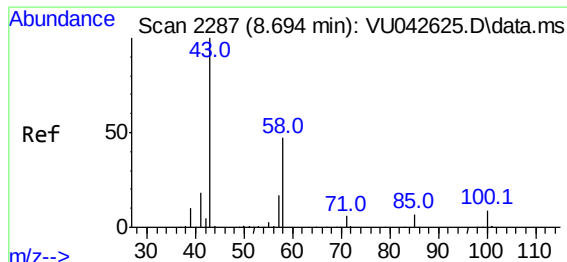


#47
Tetrachloroethene
Concen: 4.55 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU042650.D
Acq: 13 Mar 2021 08:25

Tgt Ion: 164 Resp: 20370

Ion	Ratio	Lower	Upper
164	100		
129	89.8	64.3	119.5
131	83.9	62.2	115.6
166	122.3	88.6	164.6



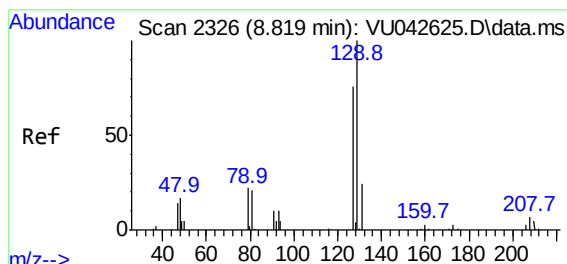
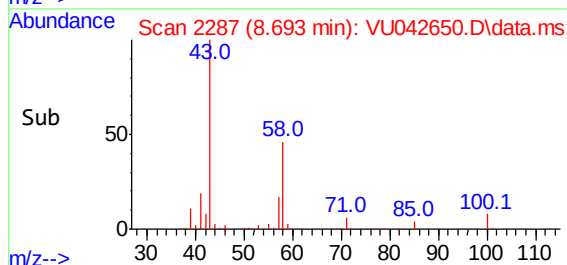
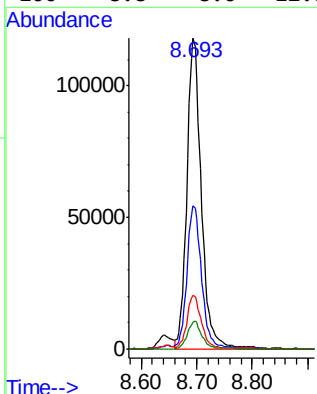
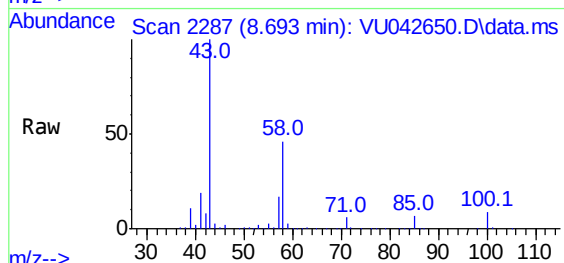


#48
2-Hexanone
Concen: 61.41 ug/L
RT: 8.693 min Scan# 2287
Delta R.T. -0.000 min
Lab File: VU042650.D
Acq: 13 Mar 2021 08:25

Instrument :
MSVOA_U
ClientSampleId :
VSTD00528

Tgt Ion: 43 Resp: 211251

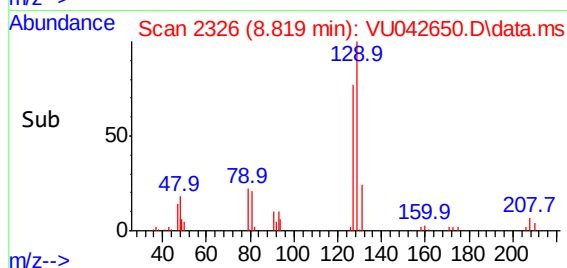
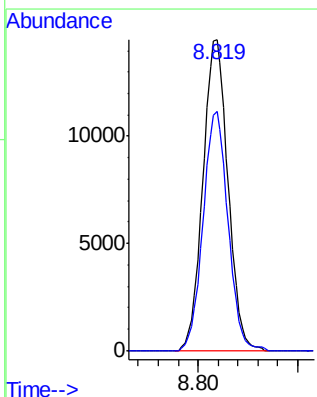
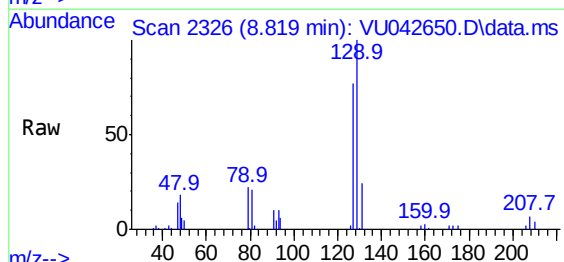
Ion	Ratio	Lower	Upper
43	100		
58	46.4	40.6	61.0
57	16.9	14.9	22.3
100	8.8	8.6	12.8

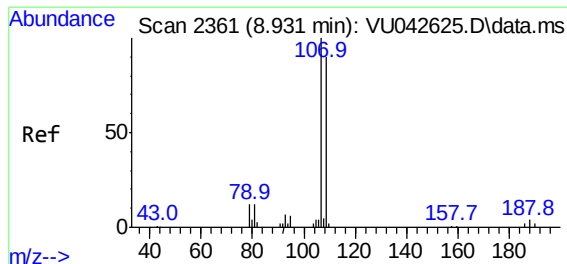


#49
Dibromochloromethane
Concen: 5.12 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VU042650.D
Acq: 13 Mar 2021 08:25

Tgt Ion: 129 Resp: 25274

Ion	Ratio	Lower	Upper
129	100		
127	76.9	52.3	97.1

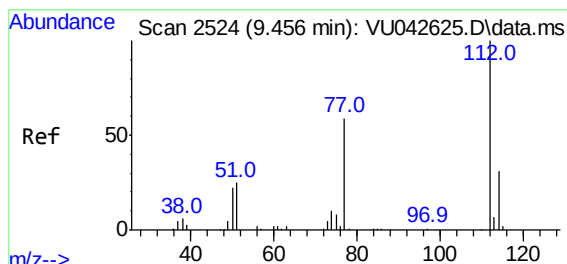
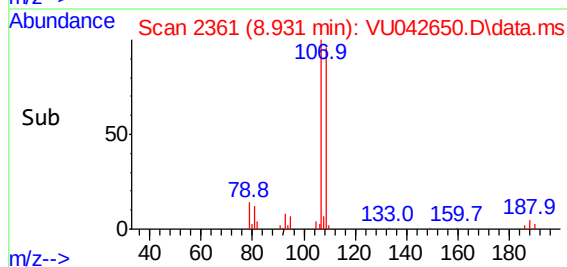
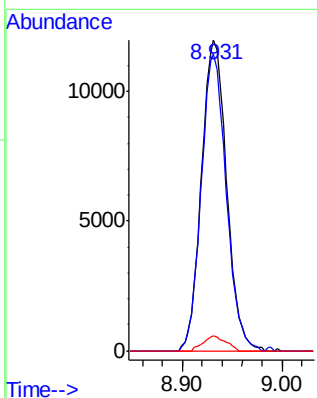
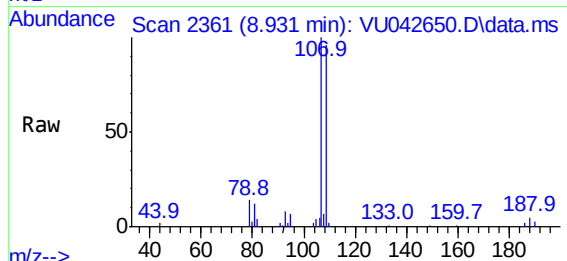




#50
1,2-Dibromoethane
Concen: 5.41 ug/L
RT: 8.931 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VU042650.D
Acq: 13 Mar 2021 08:25

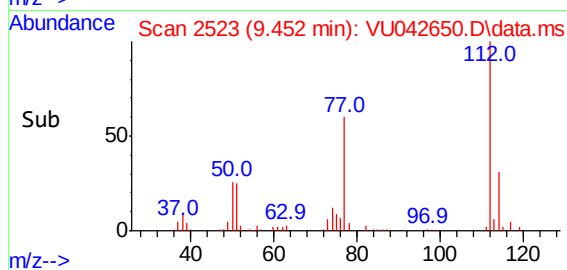
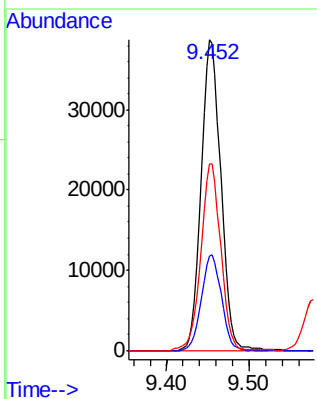
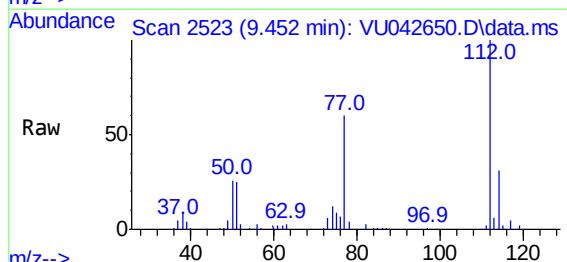
Instrument :
MSVOA_U
ClientSampleId :
VSTD00528

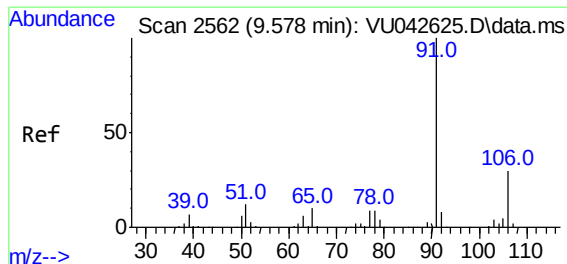
Tgt Ion:107 Resp: 21024
Ion Ratio Lower Upper
107 100
109 95.7 65.5 121.6
188 4.8 3.4 5.2



#51
Chlorobenzene
Concen: 4.63 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. -0.003 min
Lab File: VU042650.D
Acq: 13 Mar 2021 08:25

Tgt Ion:112 Resp: 63883
Ion Ratio Lower Upper
112 100
114 30.6 22.0 41.0
77 60.2 49.8 74.6

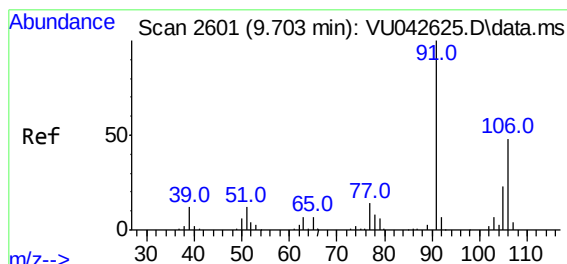
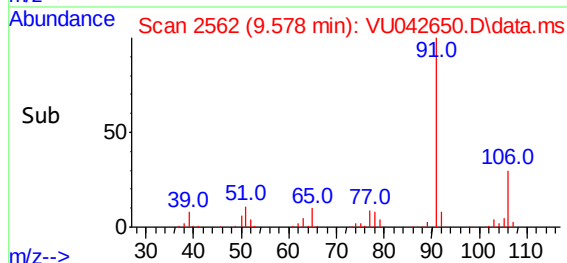
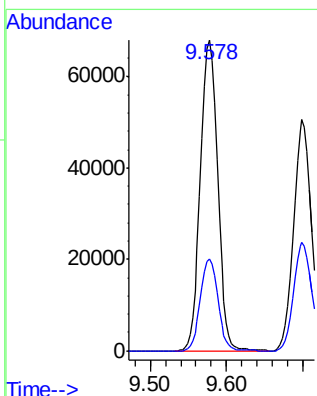
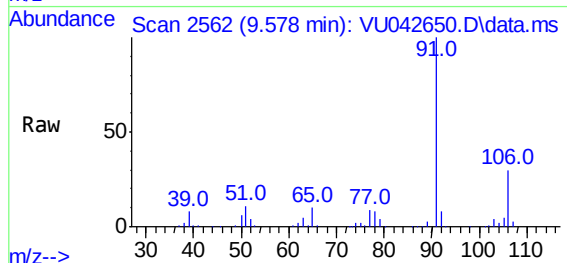




#52
Ethylbenzene
Concen: 4.40 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU042650.D
Acq: 13 Mar 2021 08:25

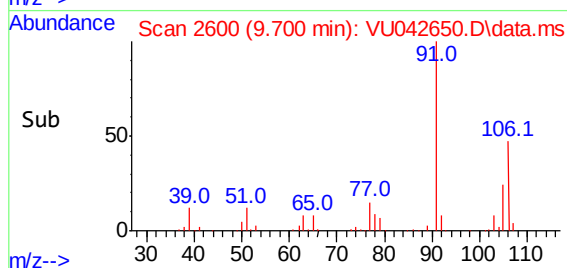
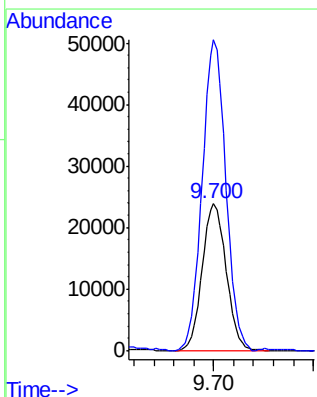
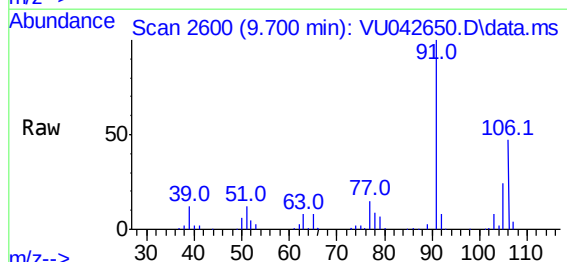
Instrument :
MSVOA_U
ClientSampleId :
VSTD00528

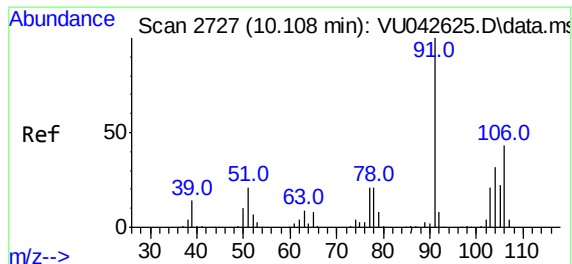
Tgt Ion: 91 Resp: 107114
Ion Ratio Lower Upper
91 100
106 29.6 21.1 39.3



#53
m,p-Xylene
Concen: 4.42 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.003 min
Lab File: VU042650.D
Acq: 13 Mar 2021 08:25

Tgt Ion: 106 Resp: 39767
Ion Ratio Lower Upper
106 100
91 212.2 145.1 269.5

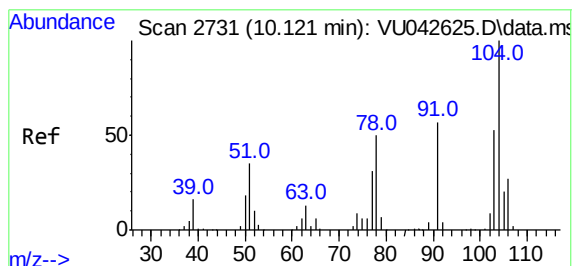
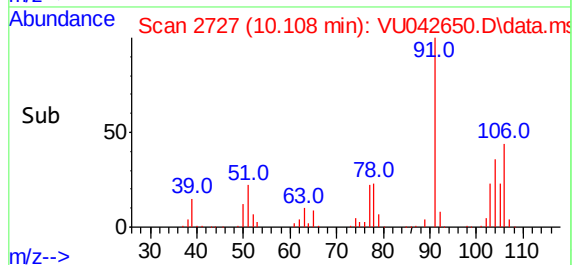
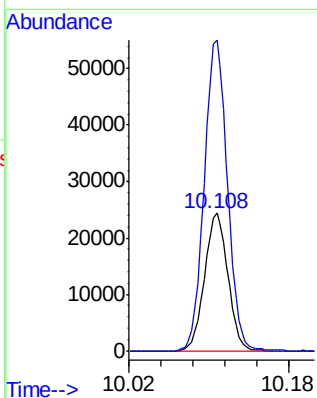
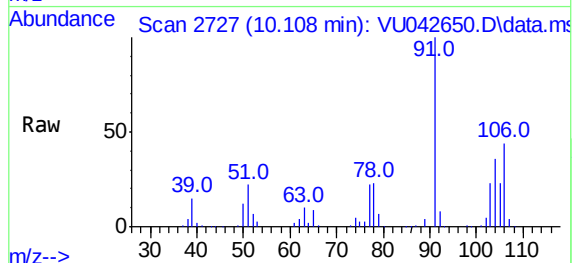




#54
o-Xylene
Concen: 4.51 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. -0.000 min
Lab File: VU042650.D
Acq: 13 Mar 2021 08:25

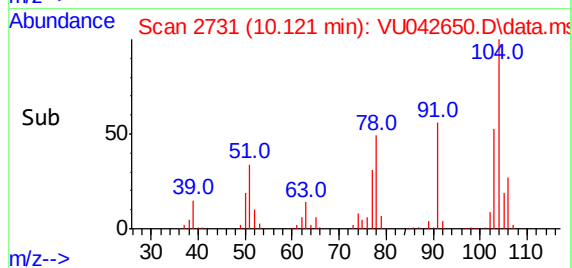
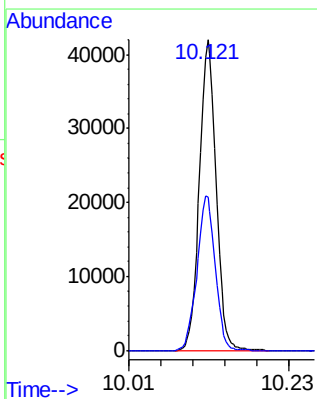
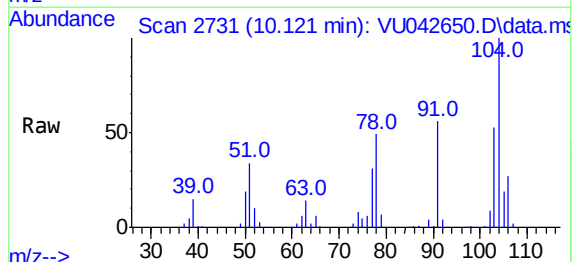
Instrument :
MSVOA_U
ClientSampleId :
VSTD00528

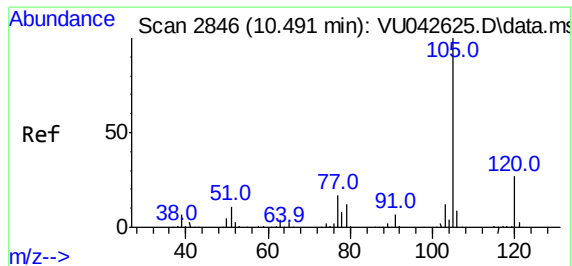
Tgt Ion:106 Resp: 39352
Ion Ratio Lower Upper
106 100
91 226.1 153.0 284.2



#55
Styrene
Concen: 4.55 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. -0.000 min
Lab File: VU042650.D
Acq: 13 Mar 2021 08:25

Tgt Ion:104 Resp: 67514
Ion Ratio Lower Upper
104 100
78 49.2 34.9 64.7

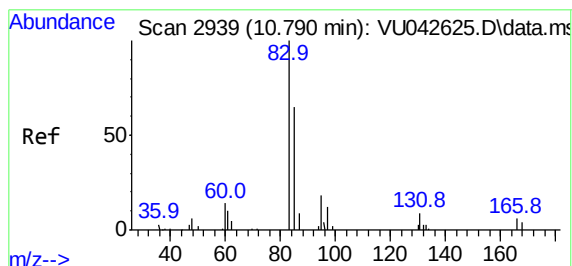
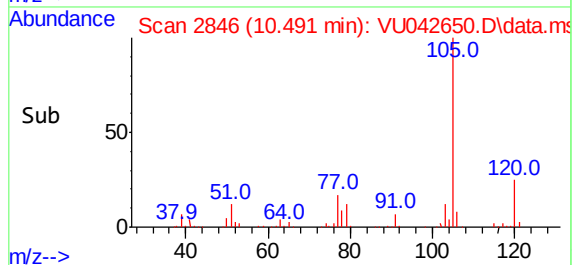
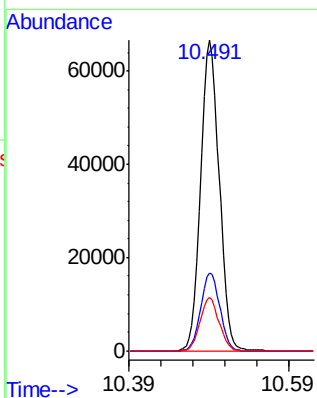
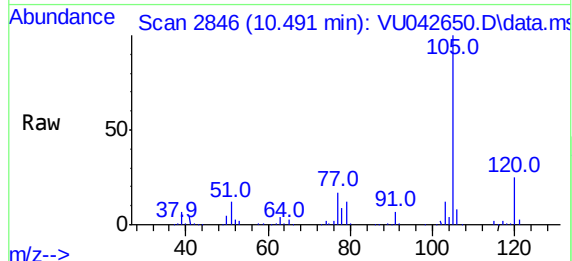




#56
Isopropylbenzene
Concen: 4.33 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU042650.D
Acq: 13 Mar 2021 08:25

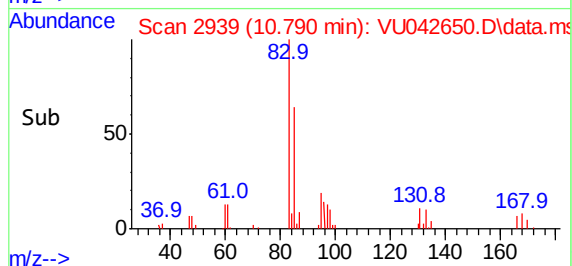
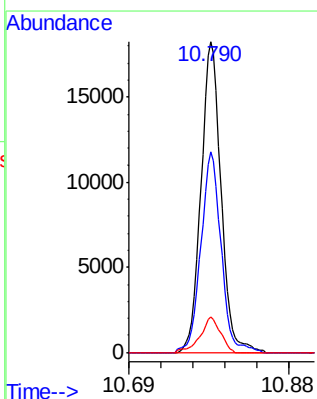
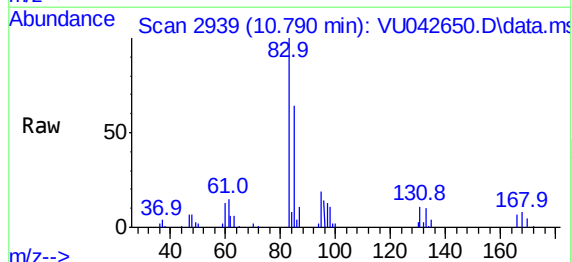
Instrument :
MSVOA_U
ClientSampleId :
VSTD00528

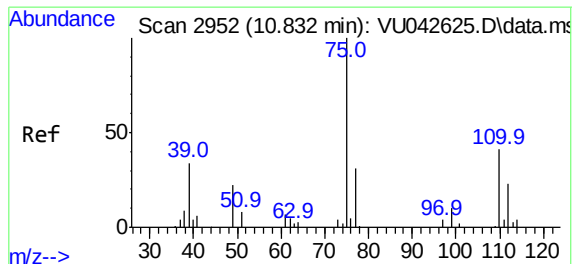
Tgt Ion:105 Resp: 103794
Ion Ratio Lower Upper
105 100
120 25.7 20.8 31.2
77 17.3 13.4 20.0



#58
1,1,2,2-Tetrachloroethane
Concen: 5.64 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. -0.000 min
Lab File: VU042650.D
Acq: 13 Mar 2021 08:25

Tgt Ion: 83 Resp: 29775
Ion Ratio Lower Upper
83 100
85 64.5 44.4 82.4
131 11.4 8.6 12.8

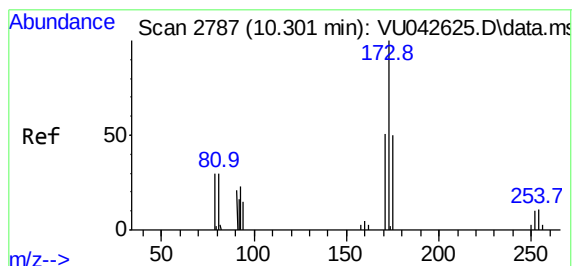
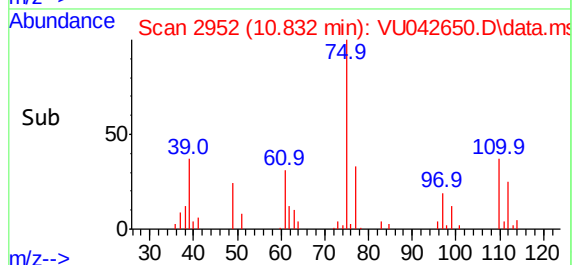
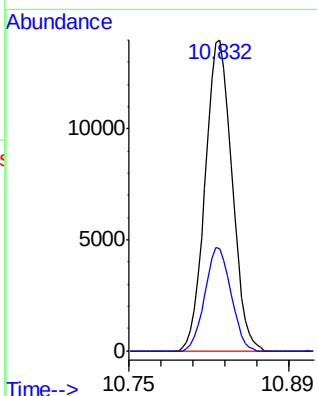
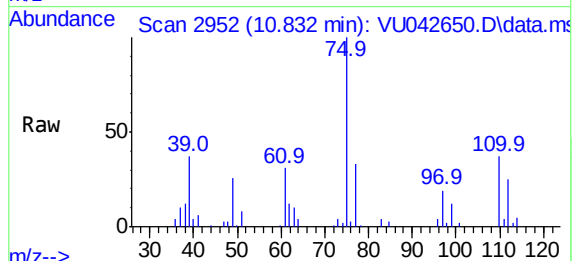




#59
1,2,3-Trichloropropane
Concen: 5.58 ug/L
RT: 10.832 min Scan# 2952
Delta R.T. -0.000 min
Lab File: VU042650.D
Acq: 13 Mar 2021 08:25

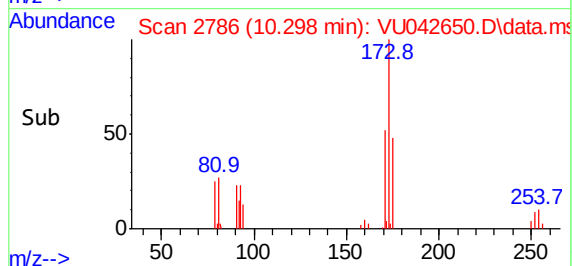
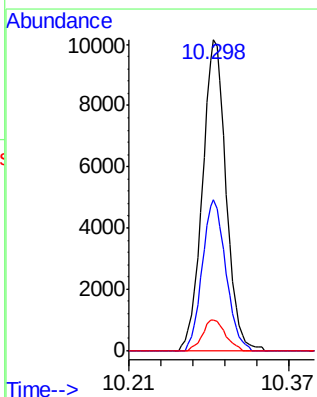
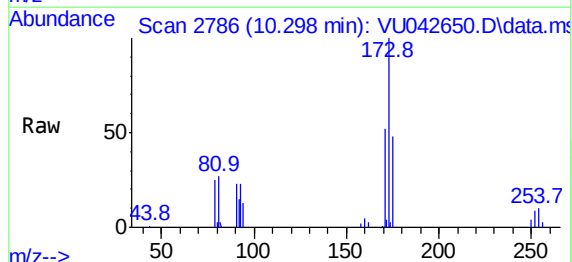
Instrument :
MSVOA_U
ClientSampleId :
VSTD00528

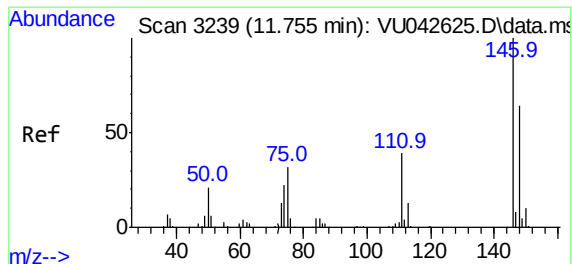
Tgt Ion: 75 Resp: 22417
Ion Ratio Lower Upper
75 100
77 32.2 26.0 39.0



#61
Bromoform
Concen: 5.75 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. -0.003 min
Lab File: VU042650.D
Acq: 13 Mar 2021 08:25

Tgt Ion:173 Resp: 16600
Ion Ratio Lower Upper
173 100
175 48.3 38.7 58.1
254 9.4 7.9 11.9



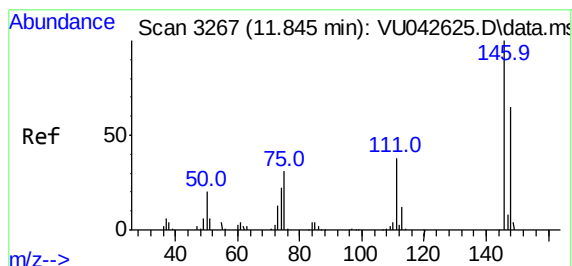
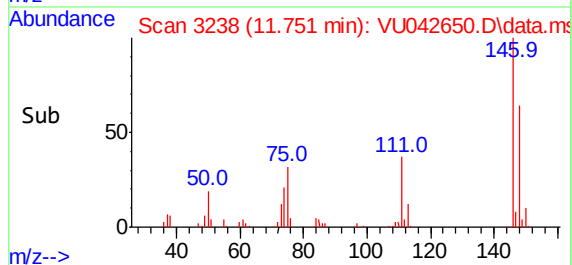
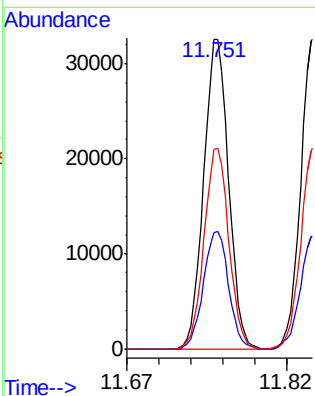
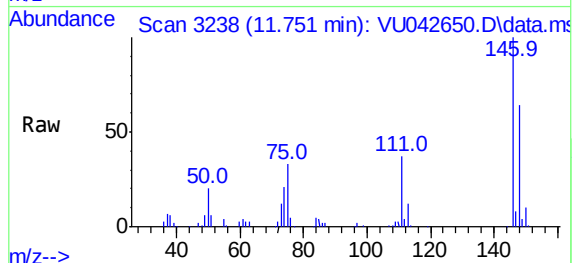


#62
 1,3-Dichlorobenzene
 Concen: 4.72 ug/L
 RT: 11.751 min Scan# 3238
 Delta R.T. -0.003 min
 Lab File: VU042650.D
 Acq: 13 Mar 2021 08:25

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00528

Tgt Ion:146 Resp: 52092

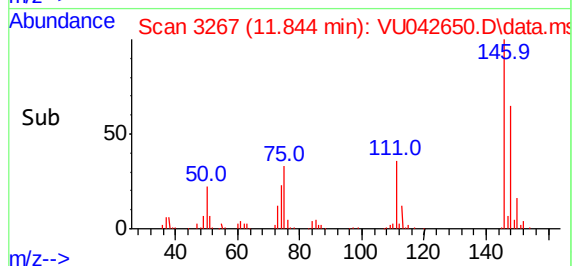
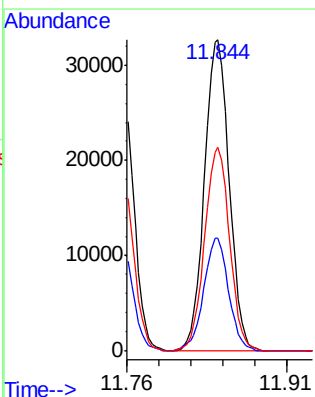
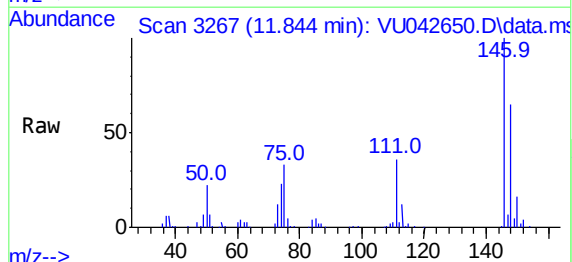
Ion	Ratio	Lower	Upper
146	100		
111	37.5	27.2	50.4
148	64.2	44.6	82.8

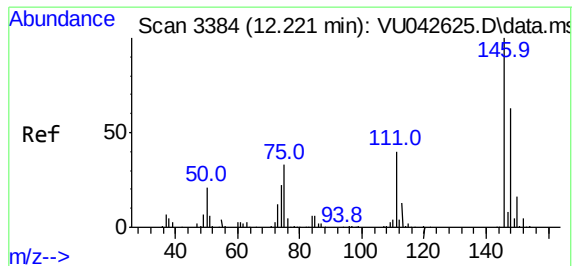


#63
 1,4-Dichlorobenzene
 Concen: 4.72 ug/L
 RT: 11.844 min Scan# 3267
 Delta R.T. -0.000 min
 Lab File: VU042650.D
 Acq: 13 Mar 2021 08:25

Tgt Ion:146 Resp: 51906

Ion	Ratio	Lower	Upper
146	100		
111	36.3	25.8	47.8
148	65.3	44.1	81.9

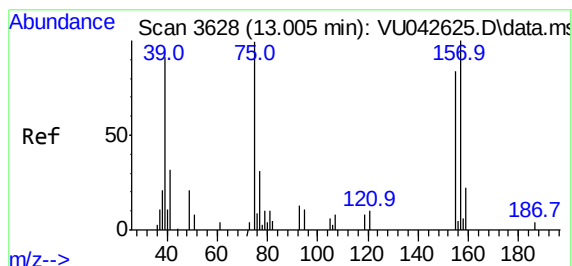
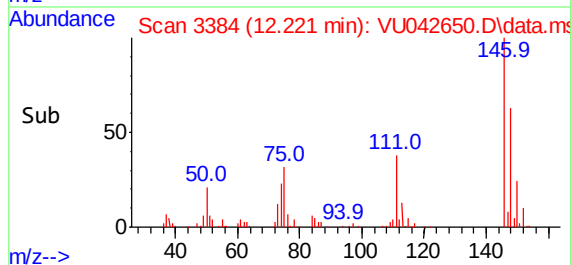
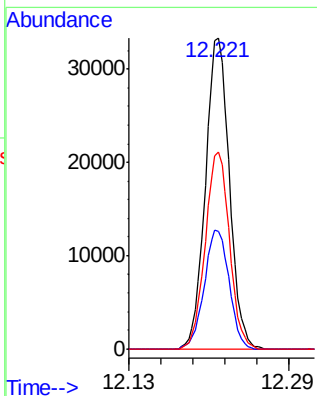
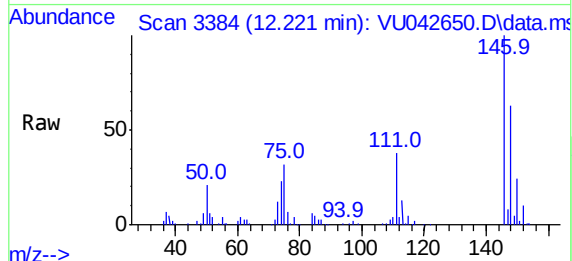




#65
1,2-Dichlorobenzene
Concen: 5.04 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. -0.000 min
Lab File: VU042650.D
Acq: 13 Mar 2021 08:25

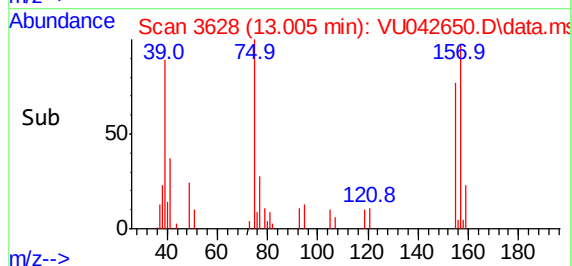
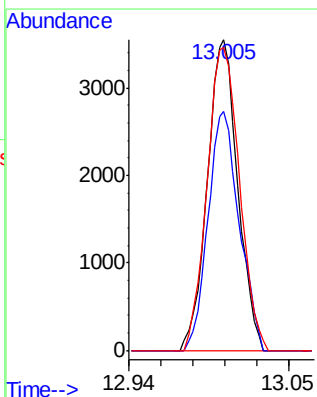
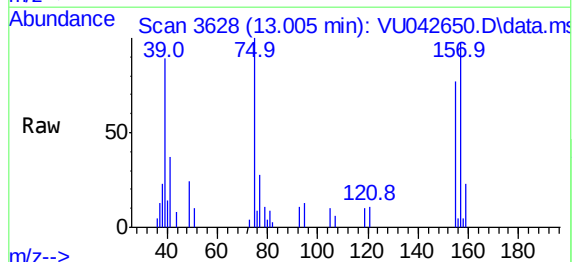
Instrument :
MSVOA_U
ClientSampleId :
VSTD00528

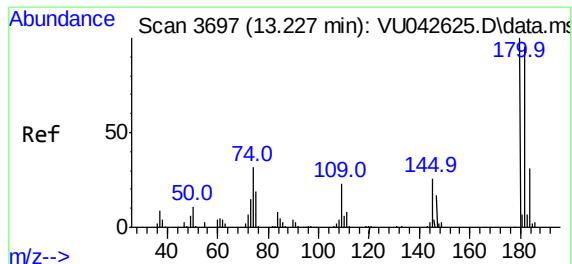
Tgt Ion:146 Resp: 53548
Ion Ratio Lower Upper
146 100
111 37.9 32.7 49.1
148 63.4 51.7 77.5



#66
1,2-Dibromo-3-chloropropane
Concen: 6.05 ug/L
RT: 13.005 min Scan# 3628
Delta R.T. -0.000 min
Lab File: VU042650.D
Acq: 13 Mar 2021 08:25

Tgt Ion: 75 Resp: 5399
Ion Ratio Lower Upper
75 100
155 76.9 69.0 103.6
157 97.4 91.0 136.6

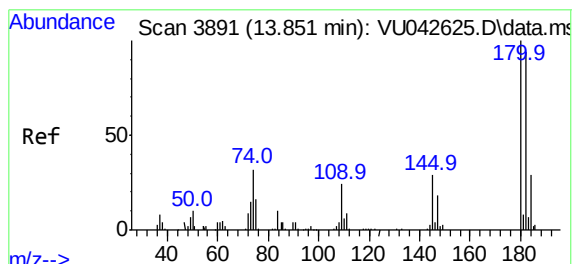
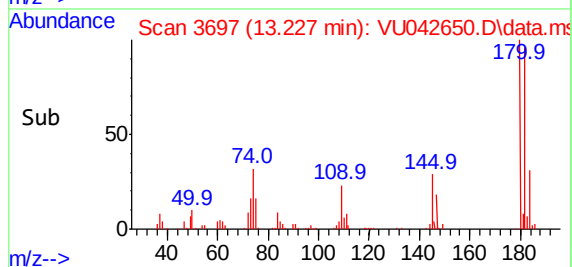
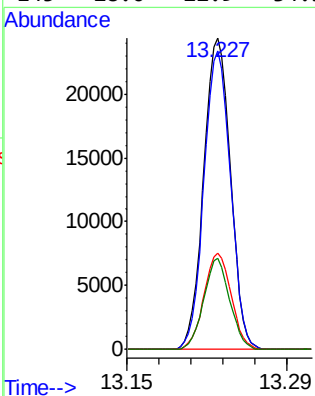
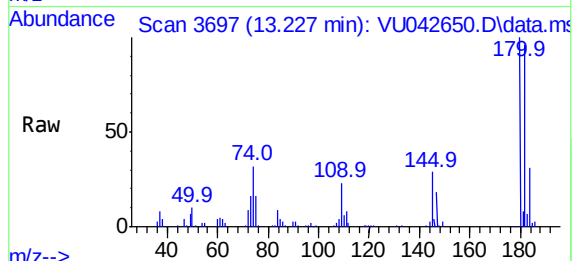




#67
 1,3,5-Trichlorobenzene
 Concen: 4.07 ug/L
 RT: 13.227 min Scan# 3697
 Delta R.T. -0.000 min
 Lab File: VU042650.D
 Acq: 13 Mar 2021 08:25

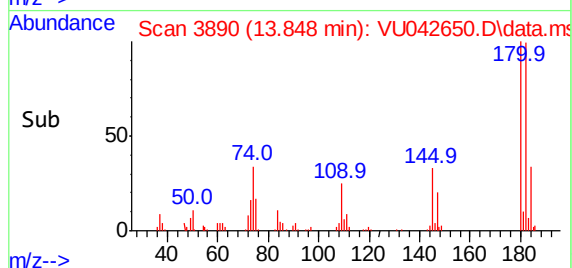
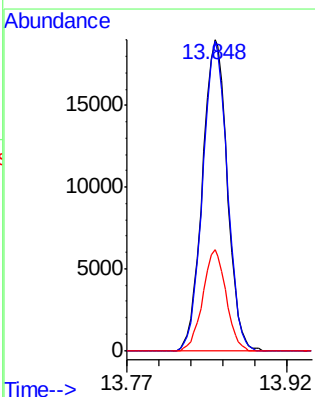
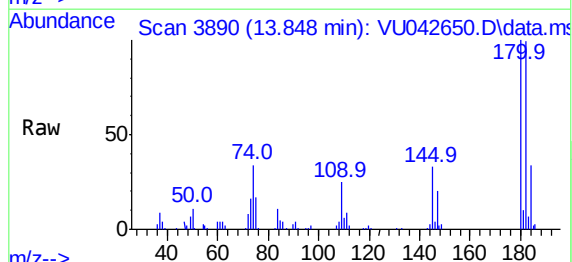
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00528

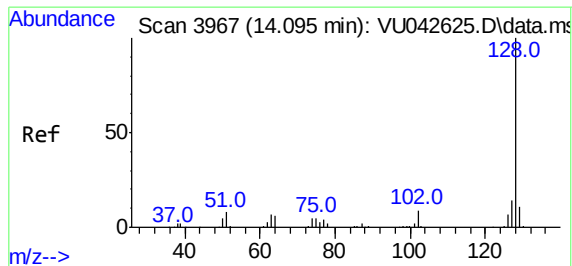
Tgt Ion:	180	Resp:	38953
Ion Ratio	Lower	Upper	
180	100		
182	95.2	76.4	114.6
184	31.0	23.9	35.9
145	28.0	22.9	34.3



#68
 1,2,4-trichlorobenzene
 Concen: 3.84 ug/L
 RT: 13.848 min Scan# 3890
 Delta R.T. -0.003 min
 Lab File: VU042650.D
 Acq: 13 Mar 2021 08:25

Tgt Ion:	180	Resp:	30386
Ion Ratio	Lower	Upper	
180	100		
182	98.1	76.3	114.5
145	30.2	23.7	35.5

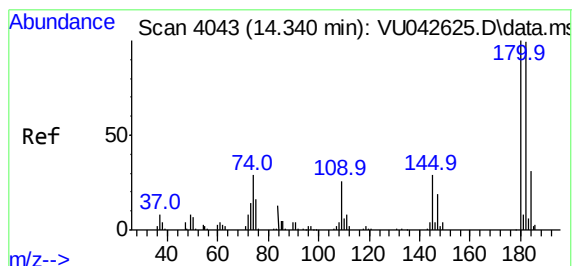
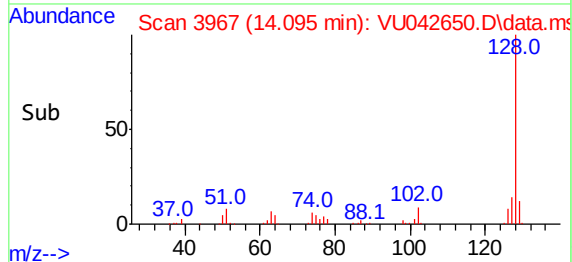
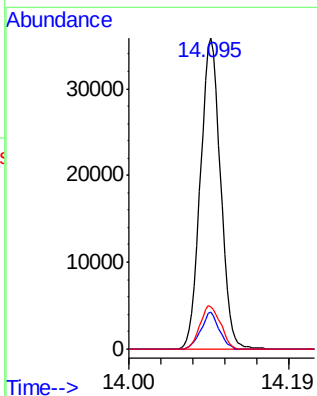
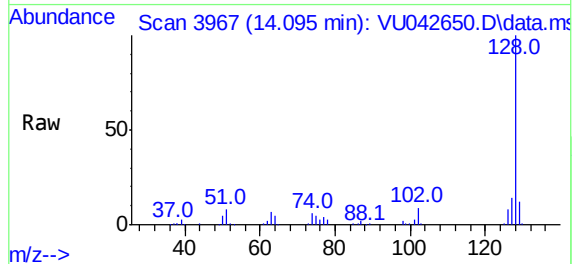




#69
Naphthalene
Concen: 4.55 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. -0.000 min
Lab File: VU042650.D
Acq: 13 Mar 2021 08:25

Instrument :
MSVOA_U
ClientSampleId :
VSTD00528

Tgt Ion:128 Resp: 58596
Ion Ratio Lower Upper
128 100
129 10.5 8.7 13.1
127 14.0 10.6 15.8



#70
1,2,3-Trichlorobenzene
Concen: 4.49 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. -0.003 min
Lab File: VU042650.D
Acq: 13 Mar 2021 08:25

Tgt Ion:180 Resp: 32234
Ion Ratio Lower Upper
180 100
182 93.7 75.6 113.4
145 29.8 24.7 37.1

