

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022421\
 Data File : VU042418.D
 Acq On : 24 Feb 2021 09:43
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050164

Quant Time: Feb 25 02:11:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM020521WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 24 03:51:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	220325	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	206943	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	114471	50.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	71963	43.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.80%
7) Chloroethane-d5	1.919	69	59215	52.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.14%
11) 1,1-Dichloroethene-d2	2.575	63	168675	47.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.34%
21) 2-Butanone-d5	4.639	46	179724	104.76	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.76%
24) Chloroform-d	5.073	84	167856	50.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.82%
26) 1,2-Dichloroethane-d4	5.713	65	117691	49.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.92%
32) Benzene-d6	5.739	84	294994	49.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.12%
36) 1,2-Dichloropropane-d6	6.700	67	99844	49.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.44%
41) Toluene-d8	7.906	98	284288	49.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.82%
43) trans-1,3-Dichloroprop...	8.189	79	54000	51.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.44%
47) 2-Hexanone-d5	8.642	63	116896	102.94	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.94%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	149211	49.91	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.82%
66) 1,2-Dichlorobenzene-d4	12.201	152	120972	50.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.80%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	85551	46.33	ug/L	99
3) Chloromethane	1.523	50	79851	47.36	ug/L	99
5) Vinyl chloride	1.607	62	81248	48.61	ug/L	96
6) Bromomethane	1.864	94	49910	53.33	ug/L	97
8) Chloroethane	1.938	64	49977	54.45	ug/L	99
9) Trichlorofluoromethane	2.144	101	133749	51.87	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	77666	50.28	ug/L	98
12) 1,1-Dichloroethene	2.588	96	69175	48.91	ug/L	94
13) Acetone	2.645	43	194341	125.41	ug/L	99
14) Carbon disulfide	2.803	76	202306	47.50	ug/L	99
15) Methyl Acetate	2.961	43	117980	49.51	ug/L	100
16) Methylene chloride	3.057	84	77588	48.51	ug/L	98
17) trans-1,2-Dichloroethene	3.362	96	71846	48.75	ug/L	97
18) Methyl tert-butyl Ether	3.372	73	262484	49.50	ug/L	99
19) 1,1-Dichloroethane	3.880	63	148836	48.74	ug/L	99
20) cis-1,2-Dichloroethene	4.678	96	81338	49.10	ug/L	97
22) 2-Butanone	4.719	43	226583	112.91	ug/L	99
23) Bromochloromethane	4.983	128	43234	49.16	ug/L	98
25) Chloroform	5.099	83	154487	49.85	ug/L	99
27) 1,2-Dichloroethane	5.803	62	137733	50.26	ug/L	99

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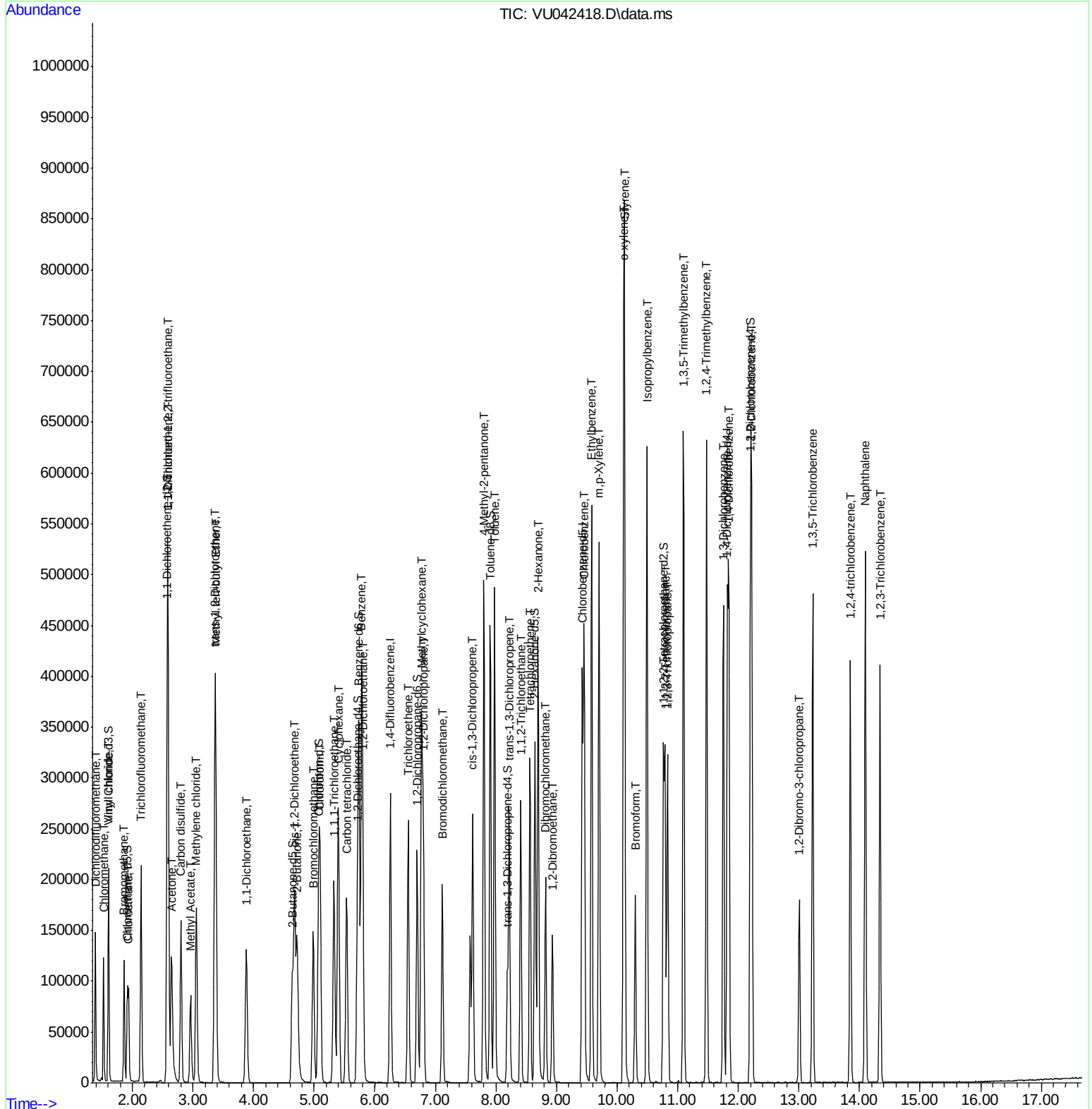
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050164

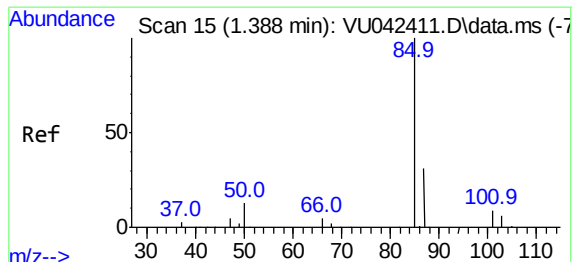
Quant Time: Feb 25 02:11:13 2021
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 Quant Title : VOC Analysis
 QLast Update : Wed Feb 24 03:51:21 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	5.398	56	134811	48.90	ug/L	100
30) 1,1,1-Trichloroethane	5.327	97	141170	49.86	ug/L	99
31) Carbon tetrachloride	5.536	117	122501	50.29	ug/L	99
33) Benzene	5.784	78	311785	49.28	ug/L	100
34) Trichloroethene	6.552	95	83475	50.36	ug/L	98
35) Methylcyclohexane	6.774	83	129317	50.63	ug/L	98
37) 1,2-Dichloropropane	6.800	63	87653	49.48	ug/L	100
38) Bromodichloromethane	7.115	83	118676	49.84	ug/L	98
39) cis-1,3-Dichloropropene	7.616	75	139053	50.40	ug/L	100
40) 4-Methyl-2-pentanone	7.803	43	351175	100.39	ug/L	99
42) Toluene	7.976	91	338981	50.15	ug/L	98
44) trans-1,3-Dichloropropene	8.218	75	137732	50.67	ug/L	99
45) 1,1,2-Trichloroethane	8.410	97	81510	50.16	ug/L	99
46) Tetrachloroethene	8.562	164	68362	52.19	ug/L	98
48) 2-Hexanone	8.697	43	305787	107.98	ug/L	98
49) Dibromochloromethane	8.819	129	96626	51.05	ug/L	99
50) 1,2-Dibromoethane	8.931	107	92032	50.51	ug/L	100
51) Chlorobenzene	9.455	112	217117	50.61	ug/L	99
52) Ethylbenzene	9.578	91	387984	51.54	ug/L	100
53) m,p-Xylene	9.703	106	143275	51.07	ug/L	99
54) o-xylene	10.108	106	143282	51.35	ug/L	98
55) Styrene	10.121	104	242229	50.77	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.793	83	146687	49.59	ug/L	100
59) Bromoform	10.301	173	81388	50.70	ug/L	99
60) 1,2,3-Trichloropropane	10.832	75	123571	48.98	ug/L	99
61) Isopropylbenzene	10.494	105	384801	50.50	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	335141	50.83	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	336812	50.70	ug/L	99
64) 1,3-Dichlorobenzene	11.754	146	181309	50.46	ug/L	99
65) 1,4-Dichlorobenzene	11.844	146	179756	49.12	ug/L	99
67) 1,2-Dichlorobenzene	12.221	146	183905	49.80	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.005	75	43488	51.81	ug/L	99
69) 1,3,5-Trichlorobenzene	13.227	180	143905	51.95	ug/L	99
70) 1,2,4-trichlorobenzene	13.851	180	124587	53.63	ug/L	98
71) Naphthalene	14.095	128	390165	53.19	ug/L	100
72) 1,2,3-Trichlorobenzene	14.339	180	123792	52.41	ug/L	100

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

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QLast Update : Wed Feb 24 03:51:21 2021
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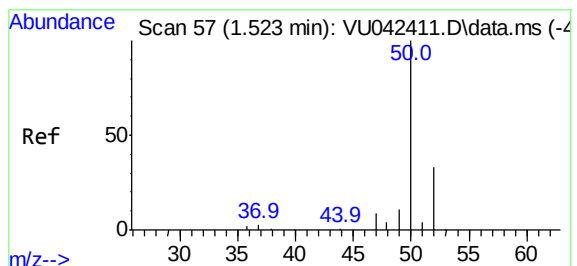
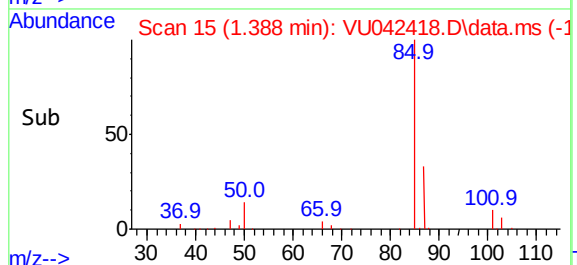
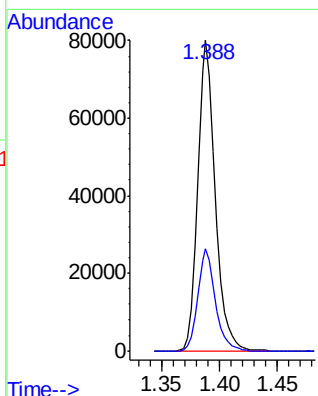
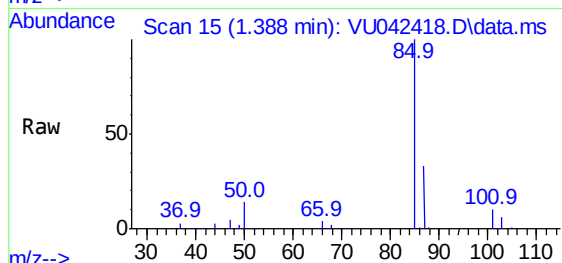




#2
Dichlorodifluoromethane
Concen: 46.33 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU042418.D
Acq: 24 Feb 2021 09:43

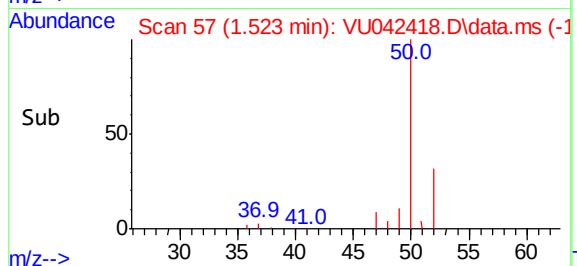
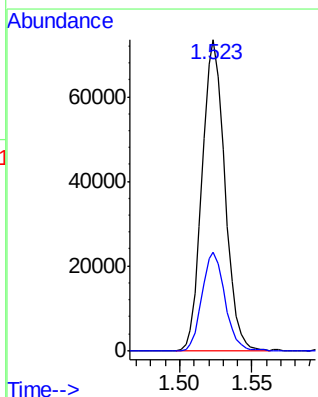
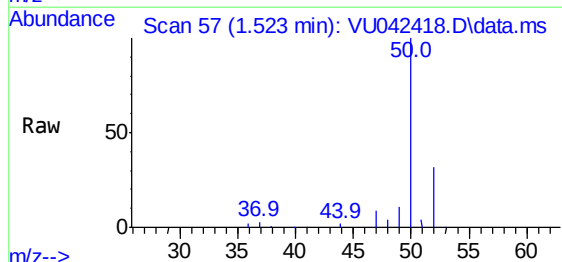
Instrument :
MSVOA_U
ClientSampleId :
VSTD050164

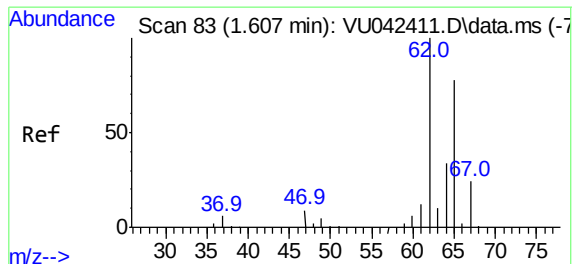
Tgt Ion: 85 Resp: 85551
Ion Ratio Lower Upper
85 100
87 32.5 25.4 38.2



#3
Chloromethane
Concen: 47.36 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042418.D
Acq: 24 Feb 2021 09:43

Tgt Ion: 50 Resp: 79851
Ion Ratio Lower Upper
50 100
52 31.8 22.8 42.4

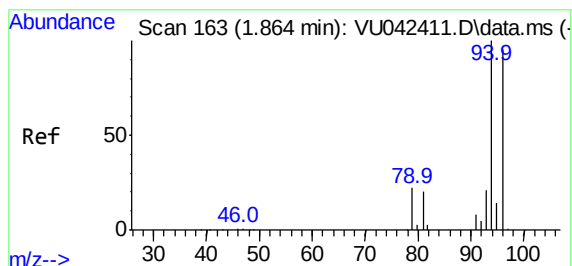
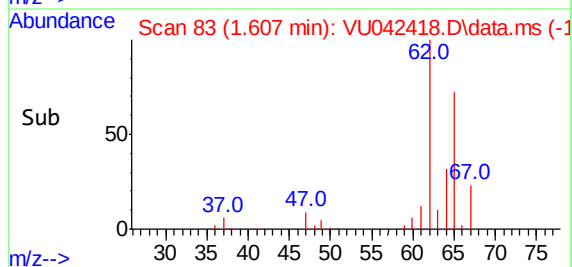
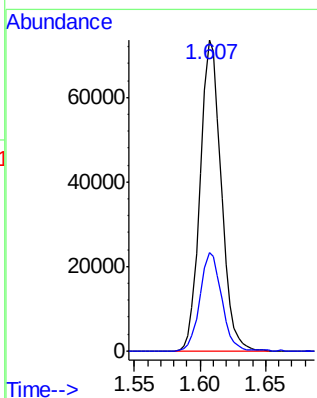
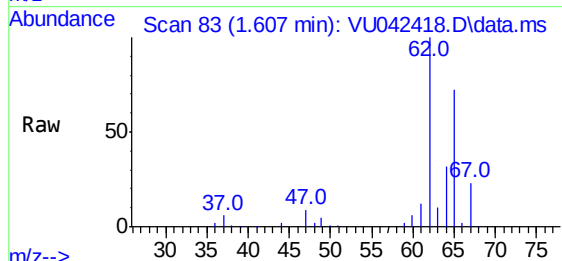




#5
 Vinyl chloride
 Concen: 48.61 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU042418.D
 Acq: 24 Feb 2021 09:43

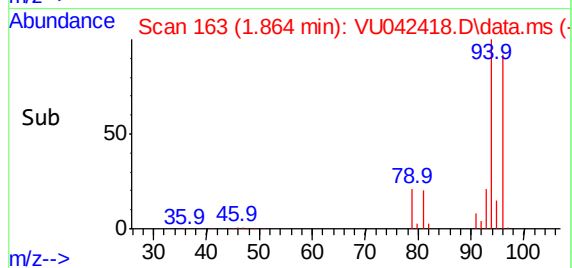
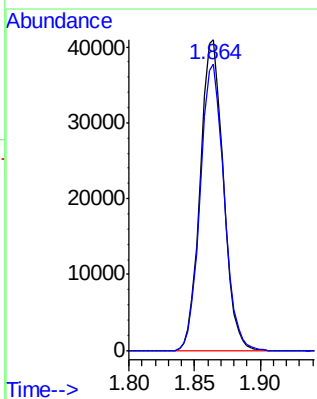
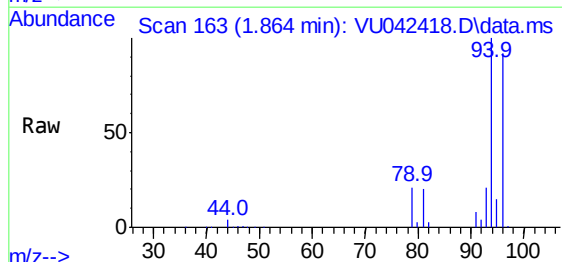
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 ClientSampleId :
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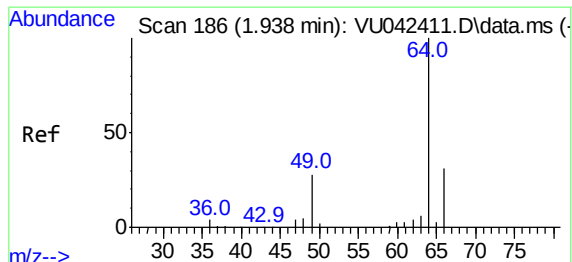
Tgt Ion: 62 Resp: 81248
 Ion Ratio Lower Upper
 62 100
 64 31.6 23.6 43.8



#6
 Bromomethane
 Concen: 53.33 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. -0.000 min
 Lab File: VU042418.D
 Acq: 24 Feb 2021 09:43

Tgt Ion: 94 Resp: 49910
 Ion Ratio Lower Upper
 94 100
 96 92.2 66.3 123.1

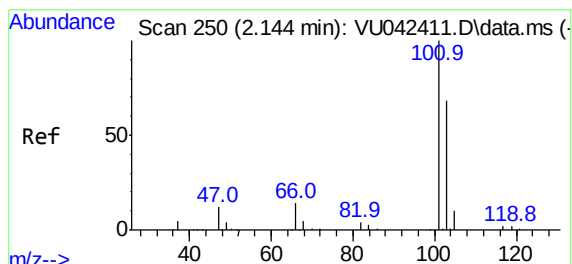
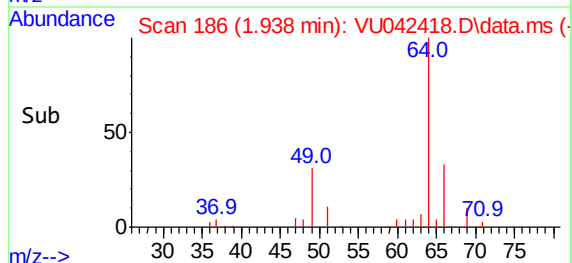
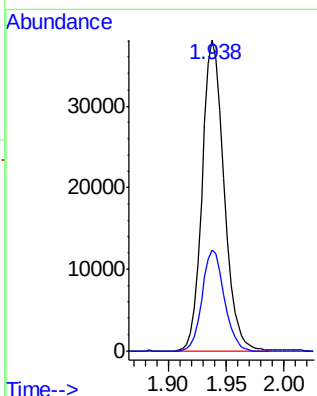
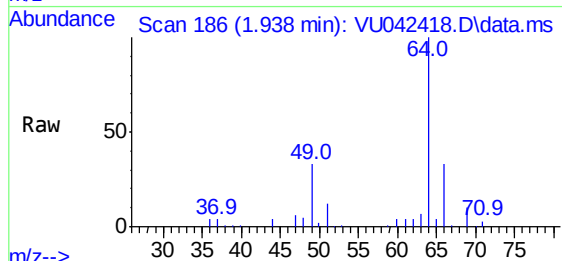




#8
Chloroethane
Concen: 54.45 ug/L
RT: 1.938 min Scan# 186
Delta R.T. -0.000 min
Lab File: VU042418.D
Acq: 24 Feb 2021 09:43

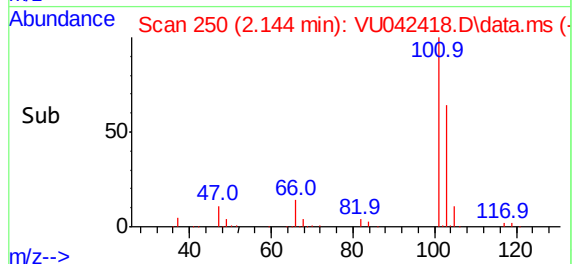
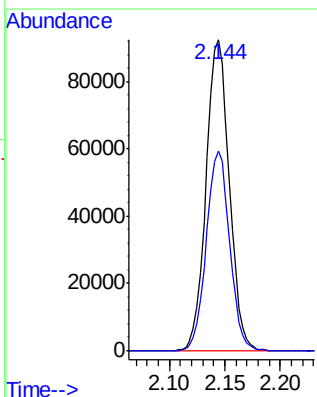
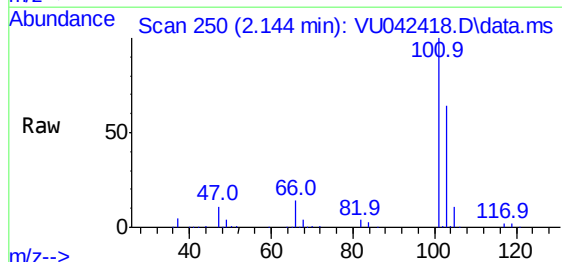
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ClientSampleId :
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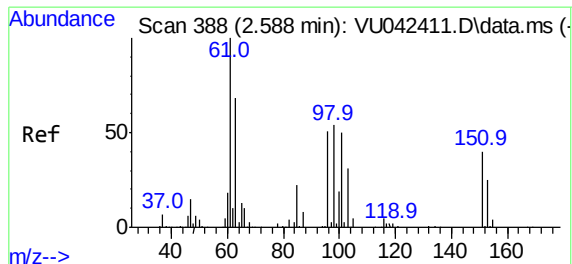
Tgt Ion: 64 Resp: 49977
Ion Ratio Lower Upper
64 100
66 32.6 22.5 41.7



#9
Trichlorofluoromethane
Concen: 51.87 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU042418.D
Acq: 24 Feb 2021 09:43

Tgt Ion:101 Resp: 133749
Ion Ratio Lower Upper
101 100
103 64.6 51.4 77.0



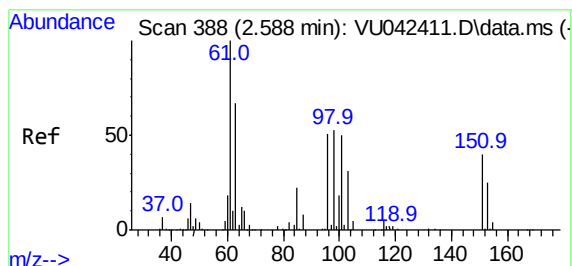
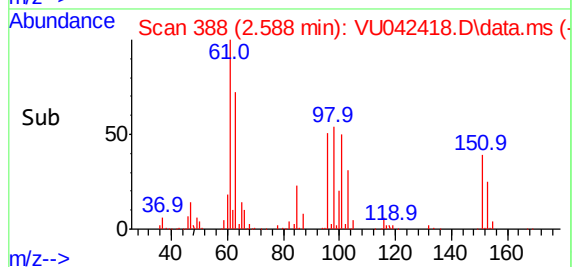
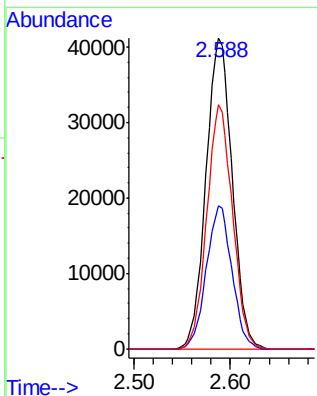
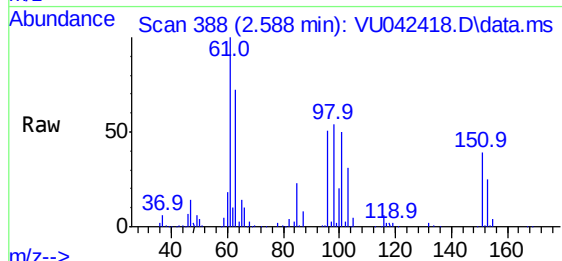


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 50.28 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU042418.D
 Acq: 24 Feb 2021 09:43

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050164

Tgt Ion:101 Resp: 77666

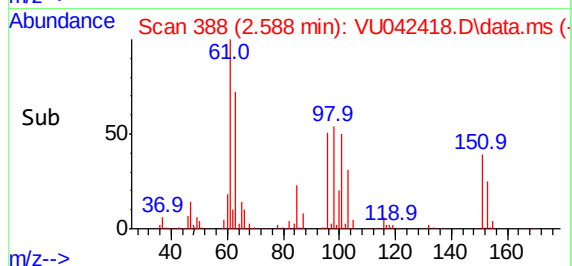
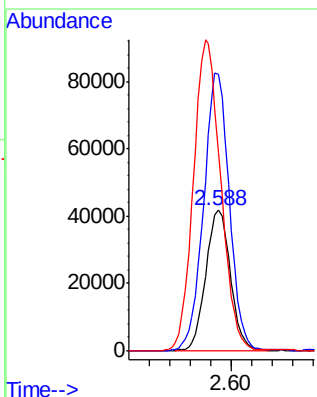
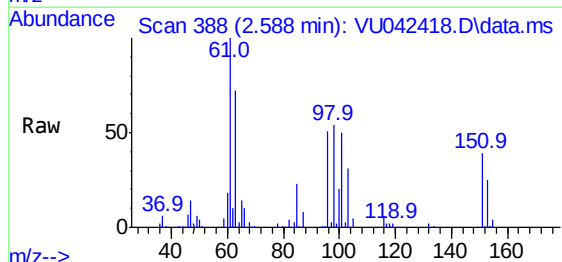
Ion	Ratio	Lower	Upper
101	100		
85	44.8	36.7	55.1
151	76.7	62.9	94.3

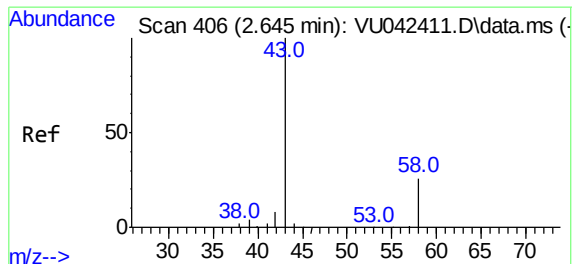


#12
 1,1-Dichloroethene
 Concen: 48.91 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU042418.D
 Acq: 24 Feb 2021 09:43

Tgt Ion: 96 Resp: 69175

Ion	Ratio	Lower	Upper
96	100		
61	196.6	131.6	244.4
63	140.9	92.6	172.0

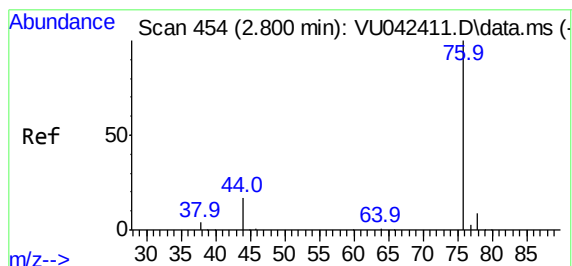
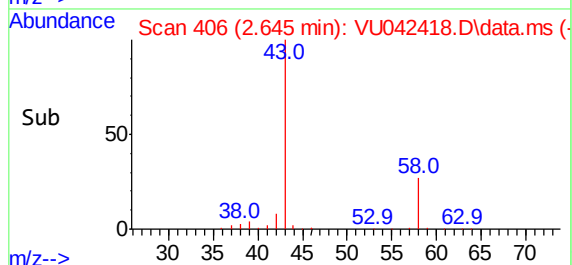
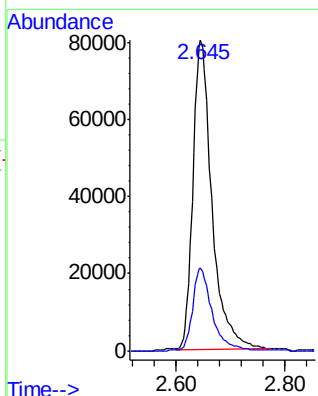
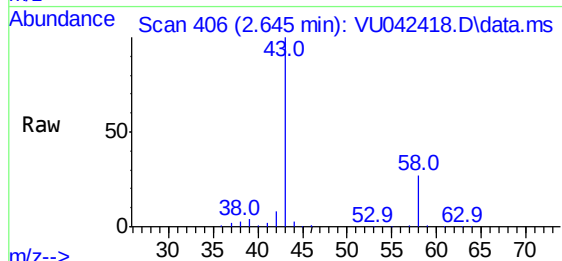




#13
Acetone
Concen: 125.41 ug/L
RT: 2.645 min Scan# 406
Delta R.T. -0.000 min
Lab File: VU042418.D
Acq: 24 Feb 2021 09:43

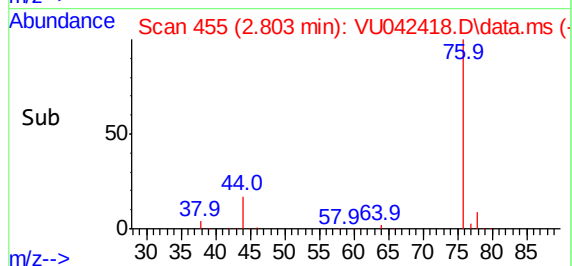
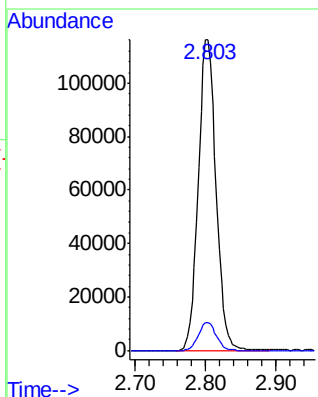
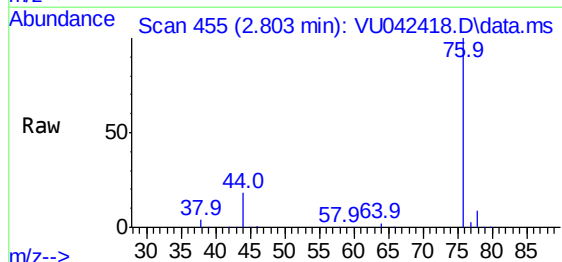
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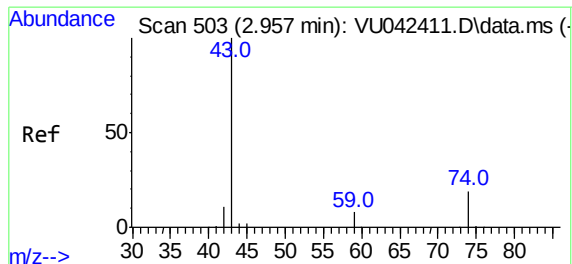
Tgt Ion: 43 Resp: 194341
Ion Ratio Lower Upper
43 100
58 26.7 0.0 54.0



#14
Carbon disulfide
Concen: 47.50 ug/L
RT: 2.803 min Scan# 455
Delta R.T. 0.003 min
Lab File: VU042418.D
Acq: 24 Feb 2021 09:43

Tgt Ion: 76 Resp: 202306
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0

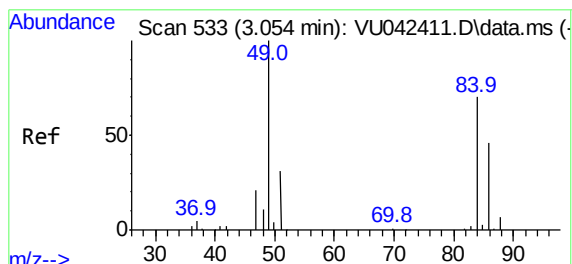
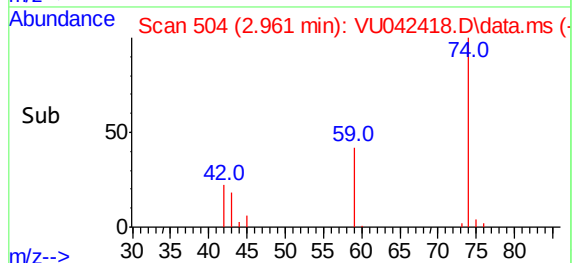
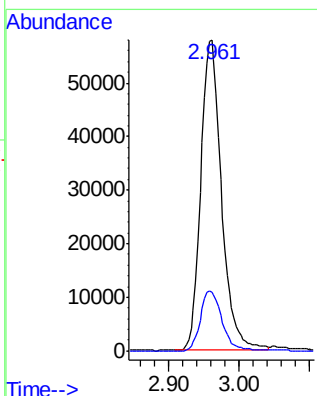
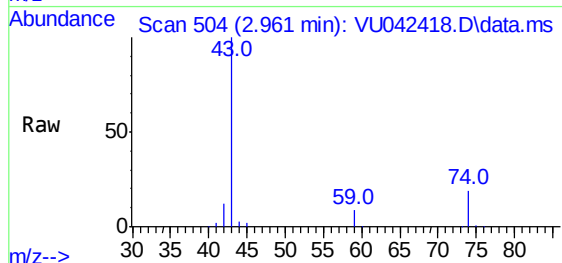




#15
Methyl Acetate
Concen: 49.51 ug/L
RT: 2.961 min Scan# 504
Delta R.T. 0.003 min
Lab File: VU042418.D
Acq: 24 Feb 2021 09:43

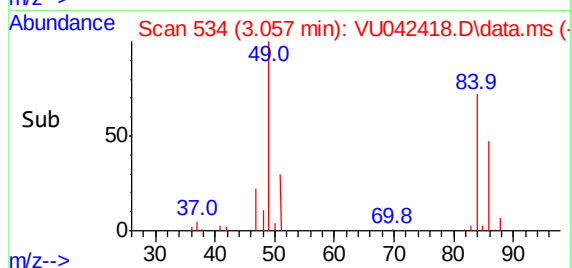
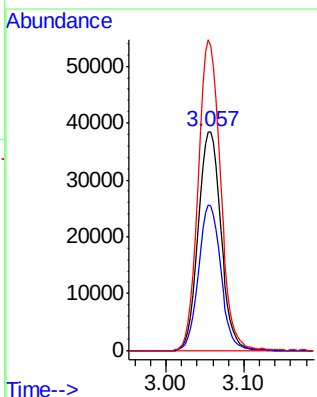
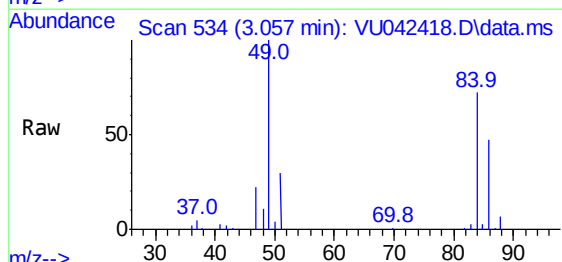
Instrument :
MSVOA_U
ClientSampleId :
VSTD050164

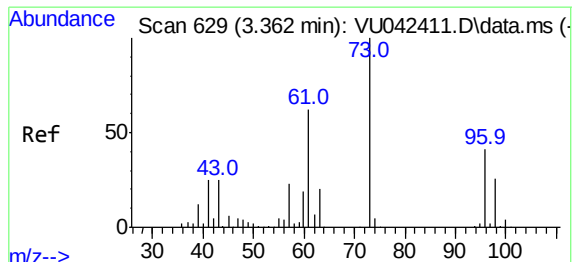
Tgt Ion: 43 Resp: 117980
Ion Ratio Lower Upper
43 100
74 19.9 15.8 23.6



#16
Methylene chloride
Concen: 48.51 ug/L
RT: 3.057 min Scan# 534
Delta R.T. 0.003 min
Lab File: VU042418.D
Acq: 24 Feb 2021 09:43

Tgt Ion: 84 Resp: 77588
Ion Ratio Lower Upper
84 100
86 66.1 46.0 85.4
49 139.2 99.5 184.9

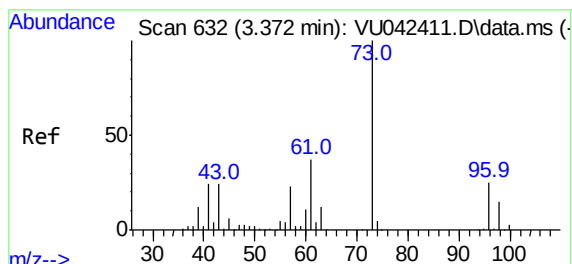
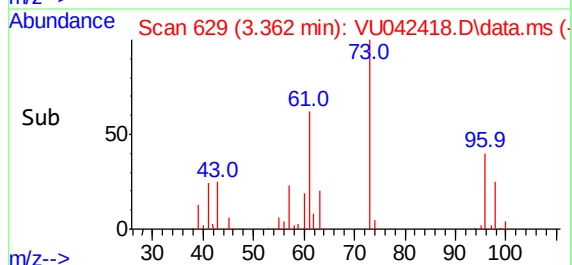
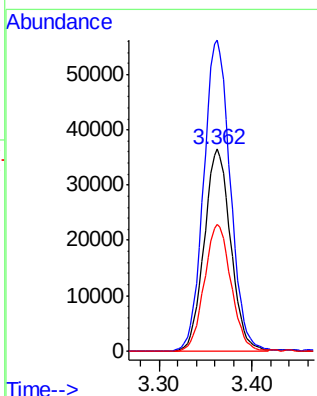
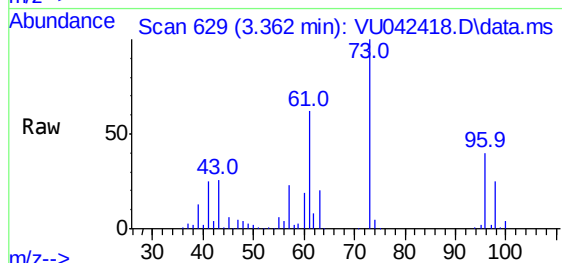




#17
trans-1,2-Dichloroethene
Concen: 48.75 ug/L
RT: 3.362 min Scan# 629
Delta R.T. -0.000 min
Lab File: VU042418.D
Acq: 24 Feb 2021 09:43

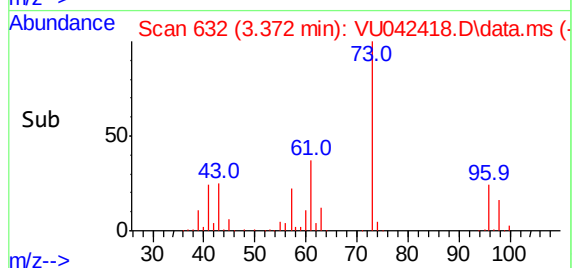
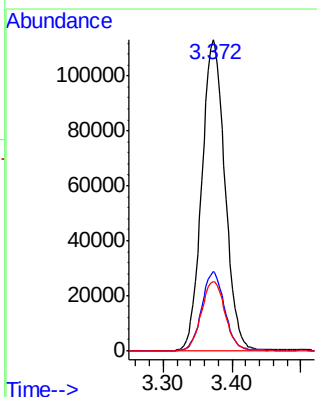
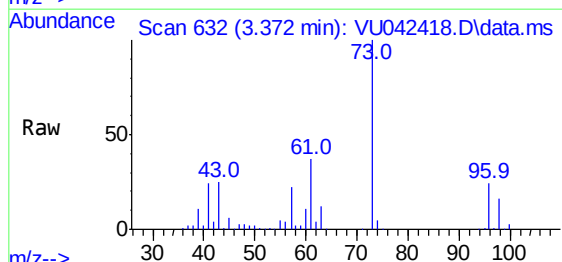
Instrument :
MSVOA_U
ClientSampleId :
VSTD050164

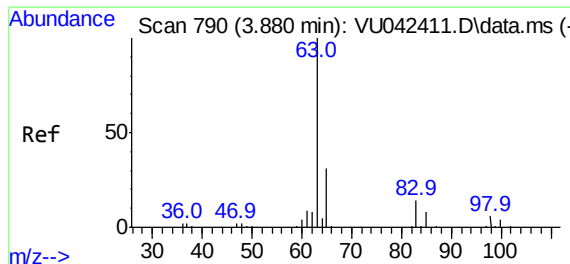
Tgt Ion: 96 Resp: 71846
Ion Ratio Lower Upper
96 100
61 154.3 104.6 194.2
98 63.0 44.4 82.4



#18
Methyl tert-butyl Ether
Concen: 49.50 ug/L
RT: 3.372 min Scan# 632
Delta R.T. -0.000 min
Lab File: VU042418.D
Acq: 24 Feb 2021 09:43

Tgt Ion: 73 Resp: 262484
Ion Ratio Lower Upper
73 100
43 24.9 19.4 29.0
57 22.7 18.2 27.2

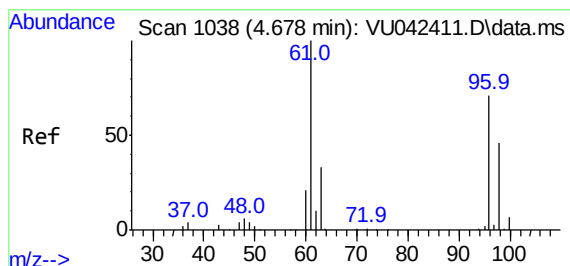
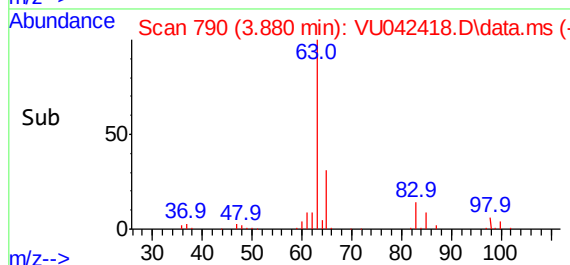
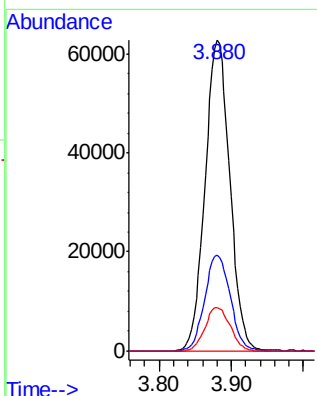
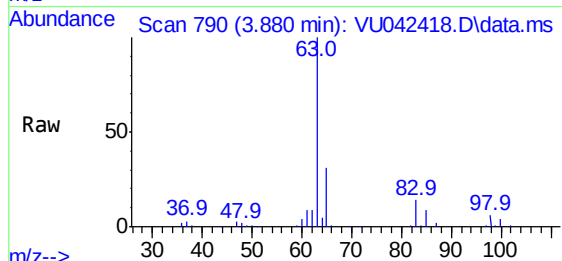




#19
1,1-Dichloroethane
Concen: 48.74 ug/L
RT: 3.880 min Scan# 790
Delta R.T. -0.000 min
Lab File: VU042418.D
Acq: 24 Feb 2021 09:43

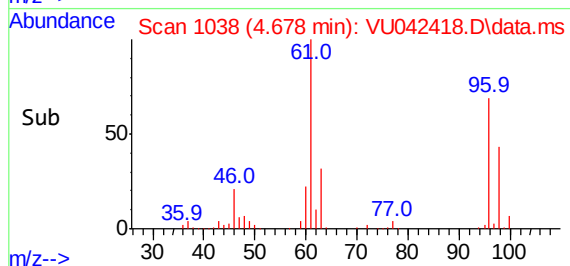
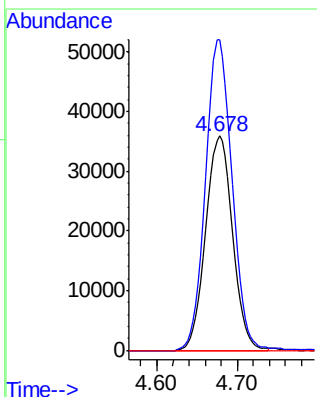
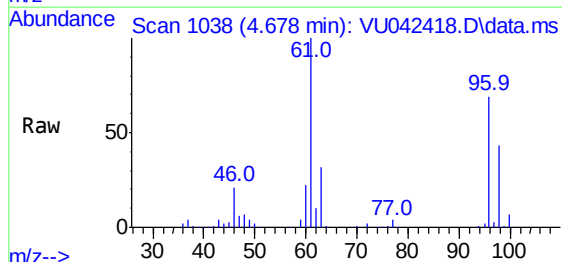
Instrument :
MSVOA_U
ClientSampleId :
VSTD050164

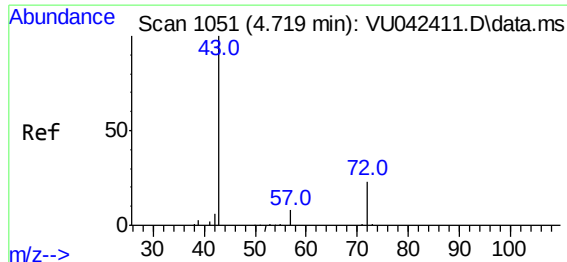
Tgt Ion: 63 Resp: 148836
Ion Ratio Lower Upper
63 100
65 30.7 21.8 40.4
83 13.9 9.1 16.9



#20
cis-1,2-Dichloroethene
Concen: 49.10 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VU042418.D
Acq: 24 Feb 2021 09:43

Tgt Ion: 96 Resp: 81338
Ion Ratio Lower Upper
96 100
61 144.8 98.6 183.0
68 0.0 0.0 0.0

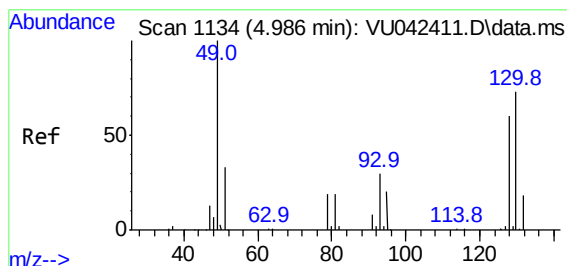
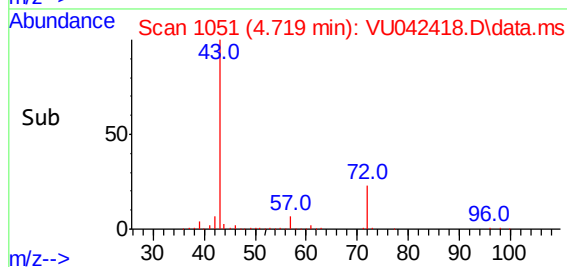
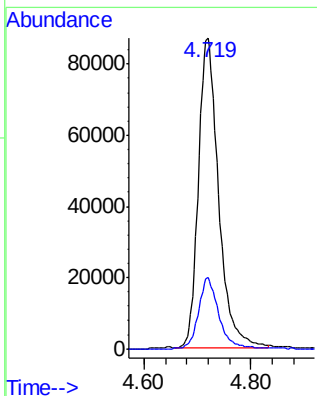
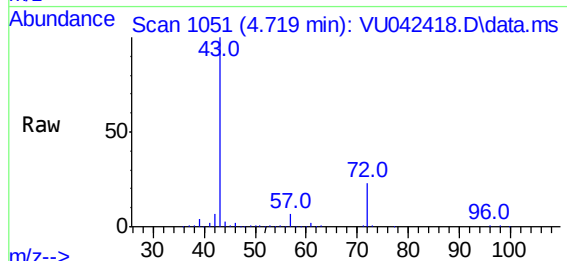




#22
2-Butanone
Concen: 112.91 ug/L
RT: 4.719 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VU042418.D
Acq: 24 Feb 2021 09:43

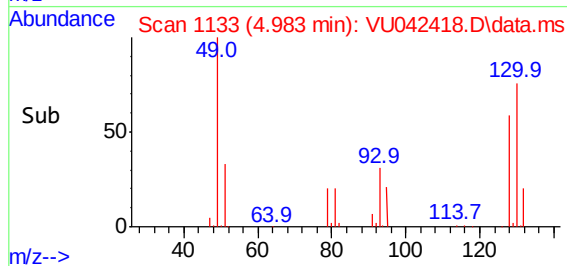
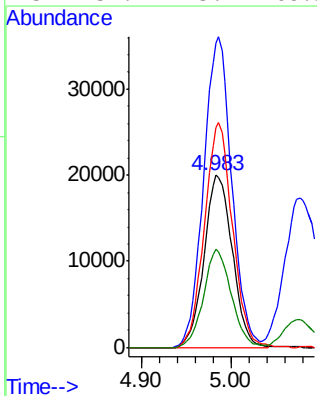
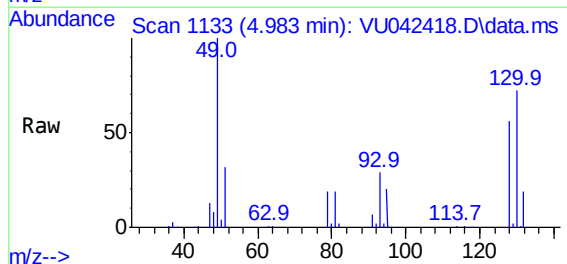
Instrument :
MSVOA_U
ClientSampleId :
VSTD050164

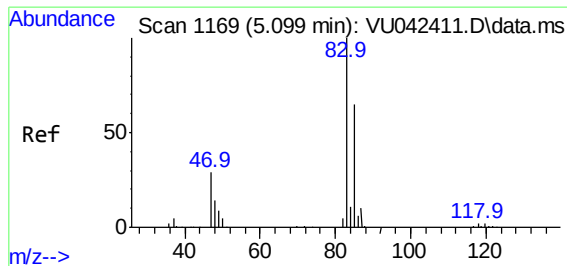
Tgt Ion: 43 Resp: 226583
Ion Ratio Lower Upper
43 100
72 22.7 11.7 35.1



#23
Bromochloromethane
Concen: 49.16 ug/L
RT: 4.983 min Scan# 1133
Delta R.T. -0.003 min
Lab File: VU042418.D
Acq: 24 Feb 2021 09:43

Tgt Ion:128 Resp: 43234
Ion Ratio Lower Upper
128 100
49 177.2 125.9 233.9
130 127.8 91.7 170.3
51 57.2 45.7 68.5

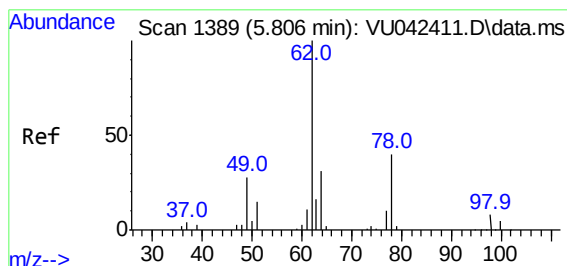
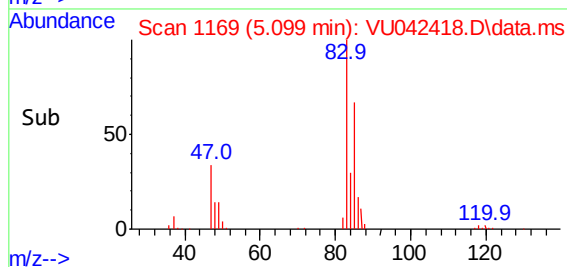
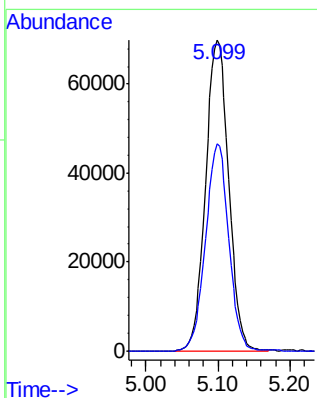
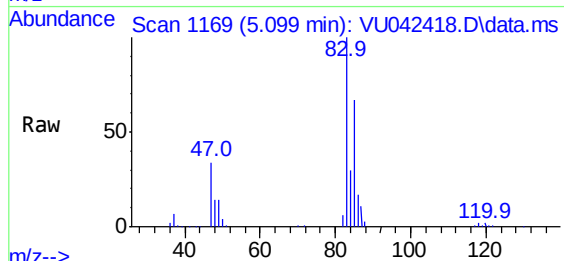




#25
Chloroform
Concen: 49.85 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU042418.D
Acq: 24 Feb 2021 09:43

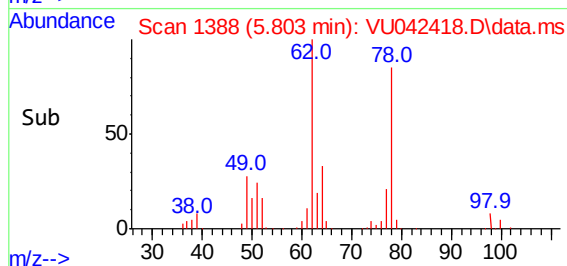
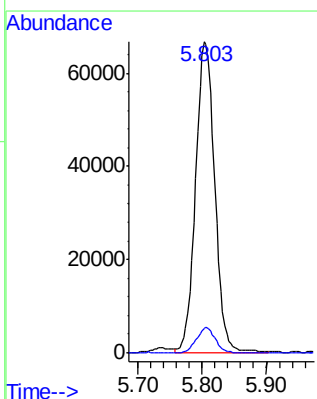
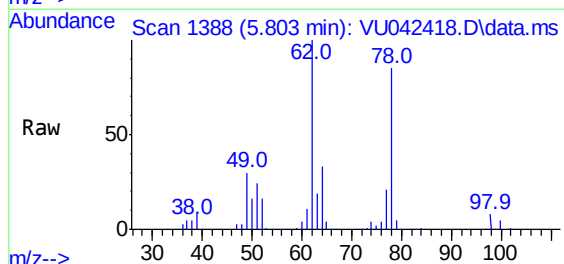
Instrument :
MSVOA_U
ClientSampleId :
VSTD050164

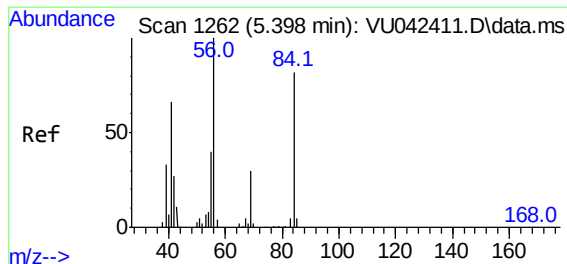
Tgt Ion: 83 Resp: 154487
Ion Ratio Lower Upper
83 100
85 66.7 46.1 85.5



#27
1,2-Dichloroethane
Concen: 50.26 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. -0.003 min
Lab File: VU042418.D
Acq: 24 Feb 2021 09:43

Tgt Ion: 62 Resp: 137733
Ion Ratio Lower Upper
62 100
98 7.7 5.8 8.8

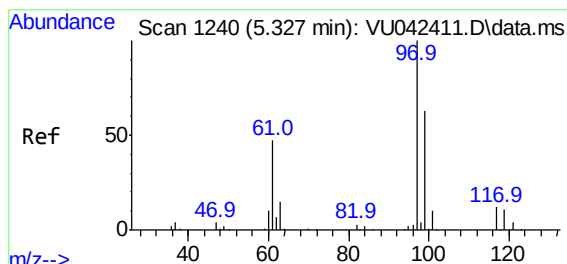
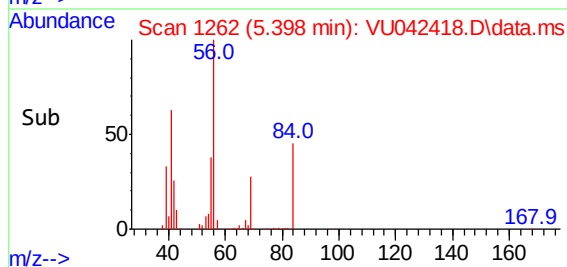
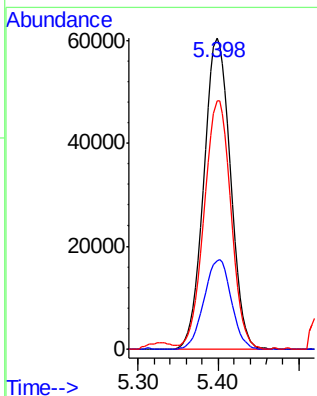
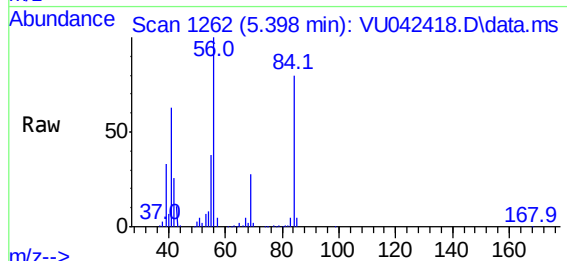




#29
Cyclohexane
Concen: 48.90 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VU042418.D
Acq: 24 Feb 2021 09:43

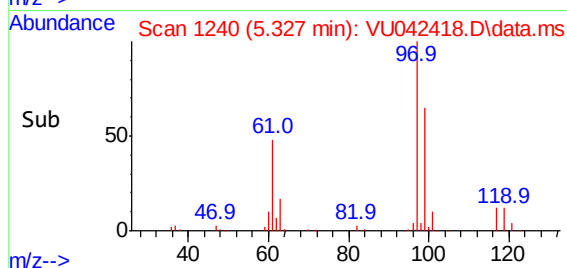
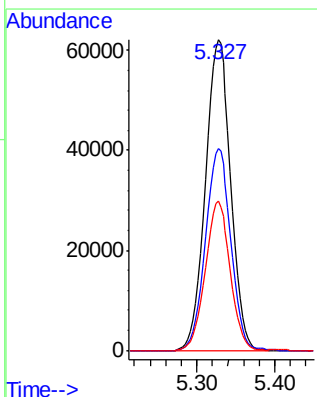
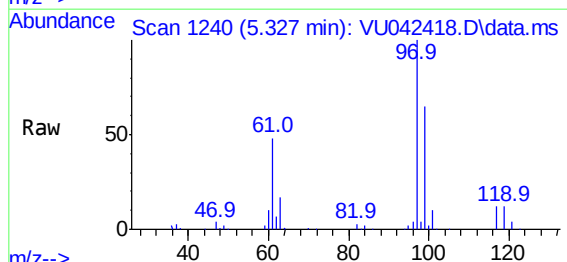
Instrument :
MSVOA_U
ClientSampleId :
VSTD050164

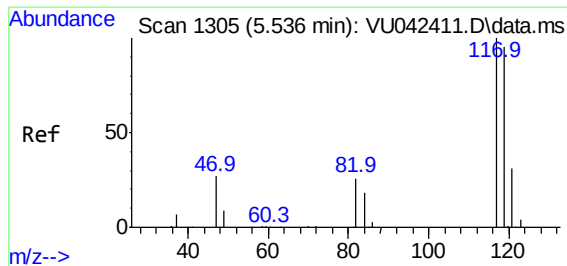
Tgt Ion: 56 Resp: 134811
Ion Ratio Lower Upper
56 100
69 29.1 23.5 35.3
84 80.5 64.2 96.2



#30
1,1,1-Trichloroethane
Concen: 49.86 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VU042418.D
Acq: 24 Feb 2021 09:43

Tgt Ion: 97 Resp: 141170
Ion Ratio Lower Upper
97 100
99 65.4 51.3 76.9
61 47.4 37.7 56.5

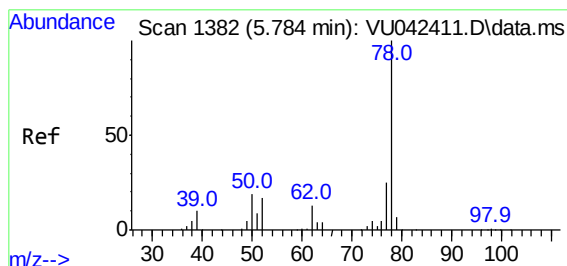
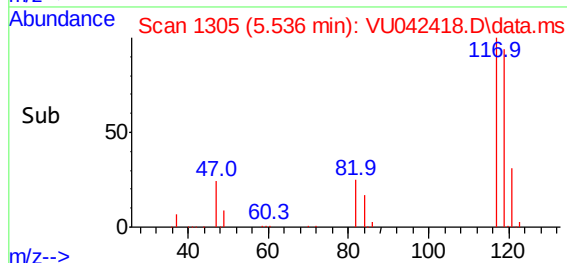
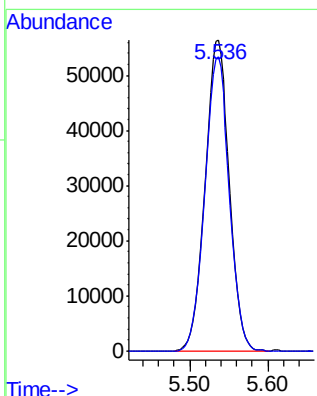
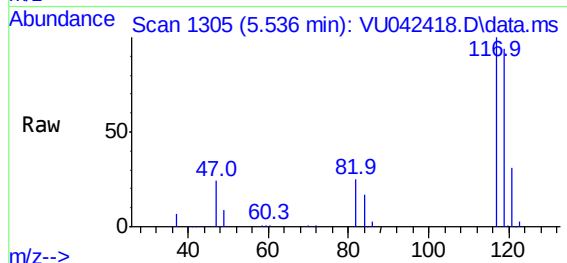




#31
Carbon tetrachloride
Concen: 50.29 ug/L
RT: 5.536 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VU042418.D
Acq: 24 Feb 2021 09:43

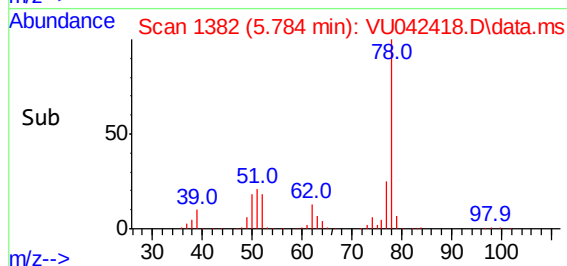
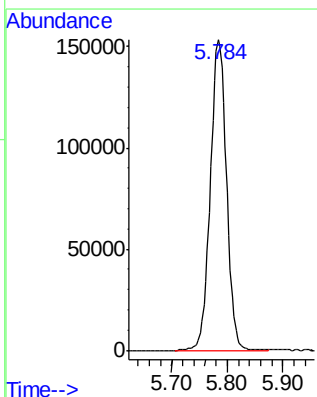
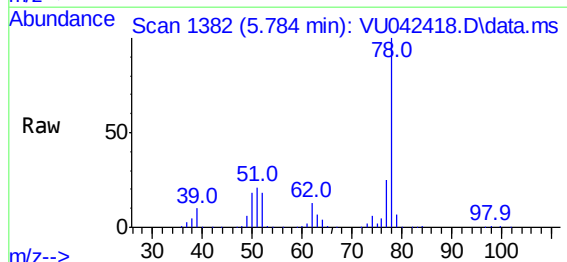
Instrument :
MSVOA_U
ClientSampleId :
VSTD050164

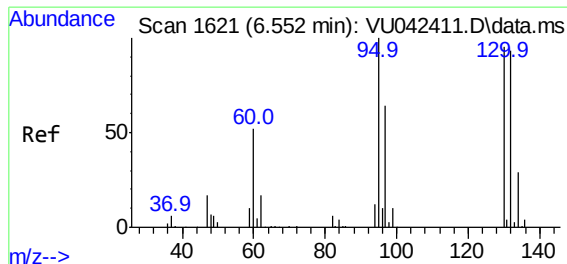
Tgt Ion:117 Resp: 122501
Ion Ratio Lower Upper
117 100
119 95.9 77.5 116.3



#33
Benzene
Concen: 49.28 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VU042418.D
Acq: 24 Feb 2021 09:43

Tgt Ion: 78 Resp: 311785



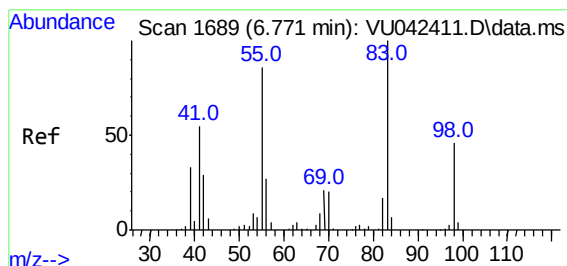
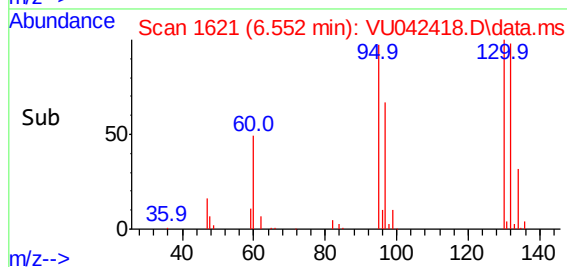
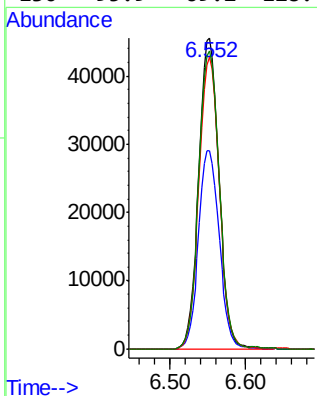
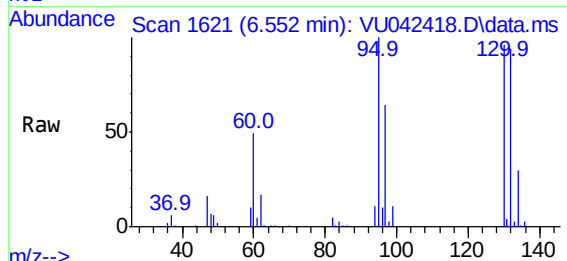


#34
Trichloroethene
Concen: 50.36 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VU042418.D
Acq: 24 Feb 2021 09:43

Instrument :
MSVOA_U
ClientSampleId :
VSTD050164

Tgt Ion: 95 Resp: 83475

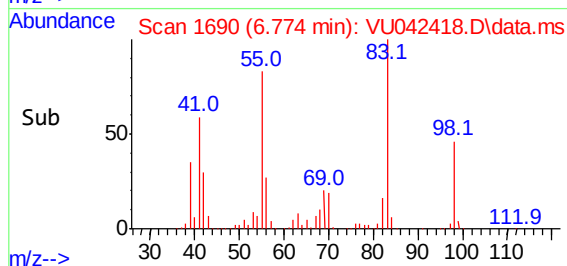
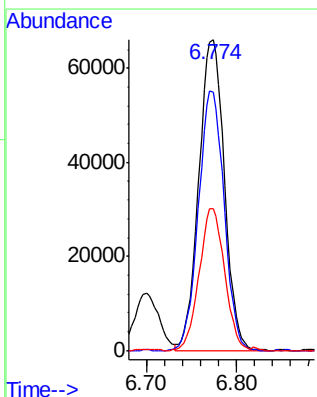
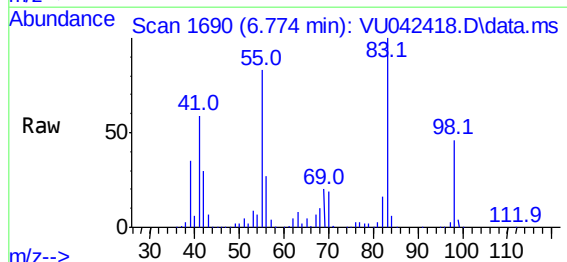
Ion	Ratio	Lower	Upper
95	100		
97	63.8	45.3	84.1
132	94.0	67.5	125.4
130	95.9	69.2	128.4

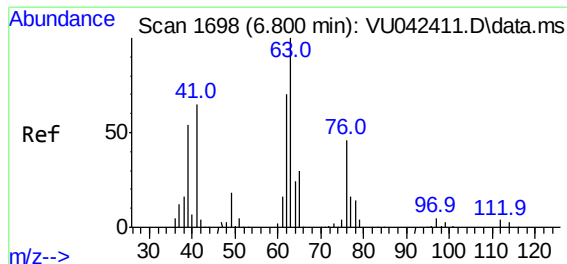


#35
Methylcyclohexane
Concen: 50.63 ug/L
RT: 6.774 min Scan# 1690
Delta R.T. 0.003 min
Lab File: VU042418.D
Acq: 24 Feb 2021 09:43

Tgt Ion: 83 Resp: 129317

Ion	Ratio	Lower	Upper
83	100		
55	83.9	68.6	102.8
98	45.5	37.6	56.4

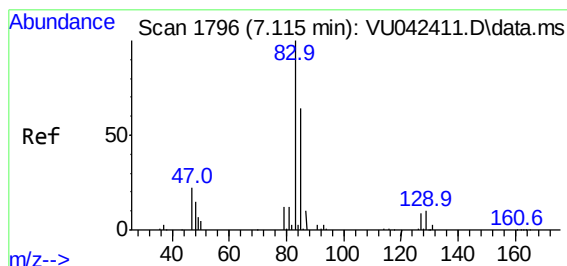
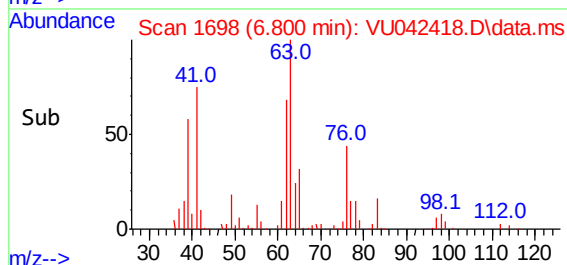
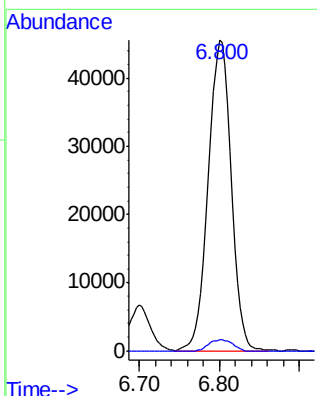
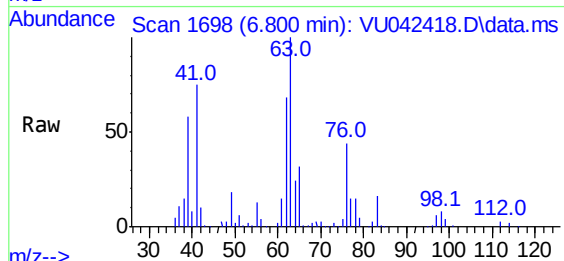




#37
1,2-Dichloropropane
Concen: 49.48 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VU042418.D
Acq: 24 Feb 2021 09:43

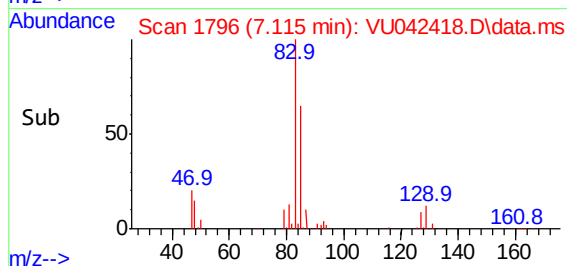
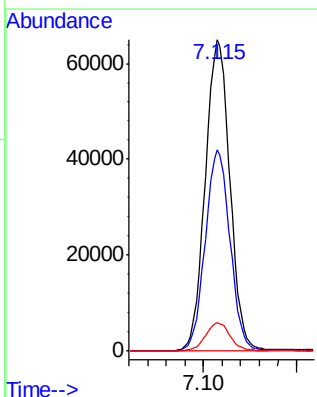
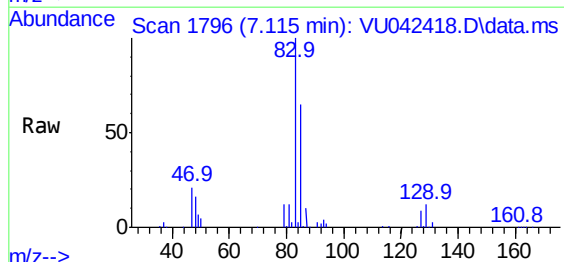
Instrument :
MSVOA_U
ClientSampleId :
VSTD050164

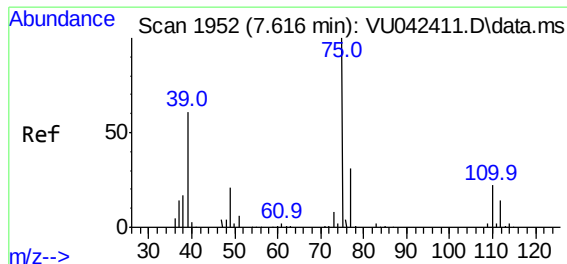
Tgt Ion: 63 Resp: 87653
Ion Ratio Lower Upper
63 100
112 3.6 3.0 4.4



#38
Bromodichloromethane
Concen: 49.84 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VU042418.D
Acq: 24 Feb 2021 09:43

Tgt Ion: 83 Resp: 118676
Ion Ratio Lower Upper
83 100
85 64.7 43.8 81.4
127 8.8 6.8 10.2

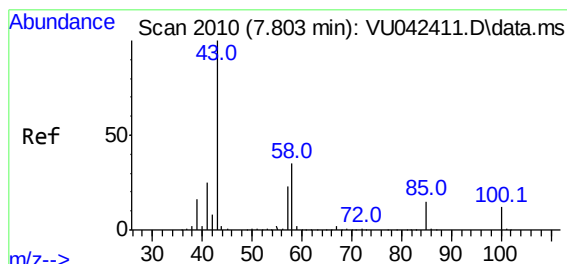
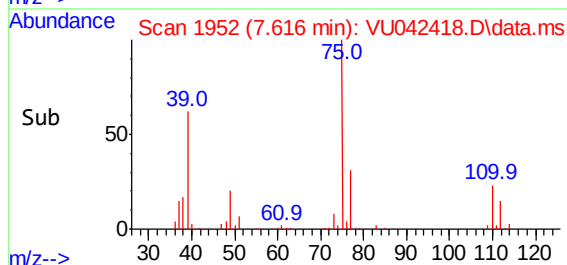
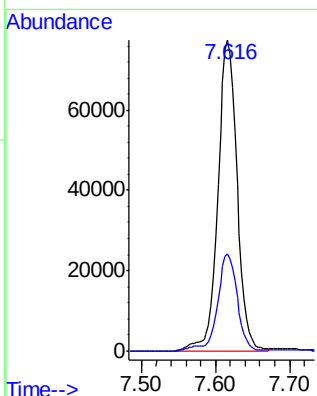
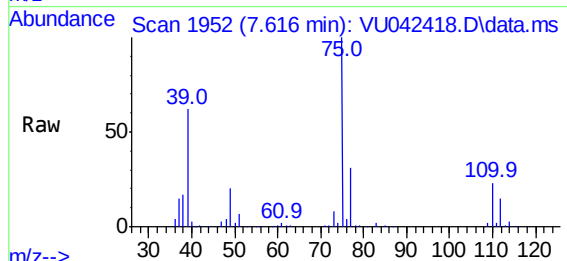




#39
cis-1,3-Dichloropropene
Concen: 50.40 ug/L
RT: 7.616 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VU042418.D
Acq: 24 Feb 2021 09:43

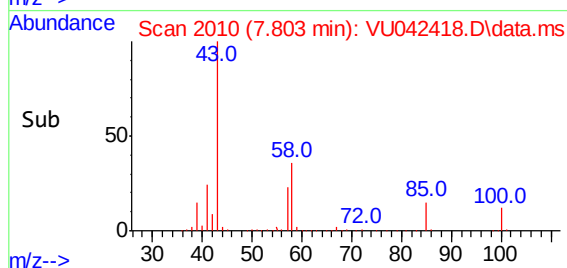
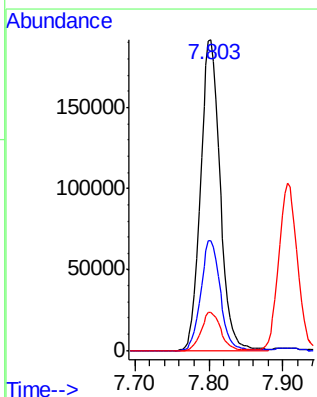
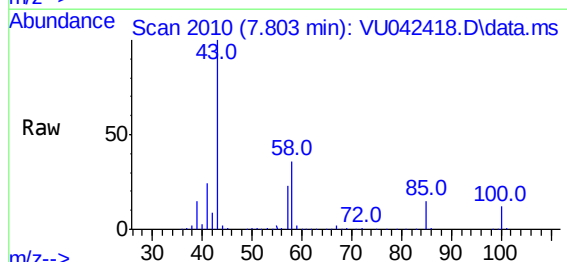
Instrument :
MSVOA_U
ClientSampleId :
VSTD050164

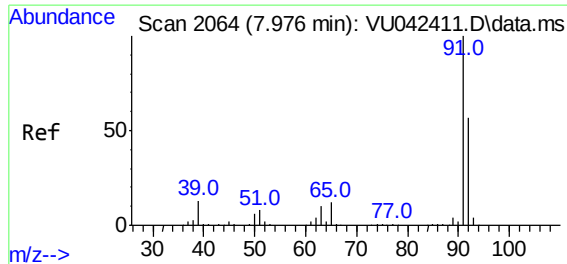
Tgt Ion: 75 Resp: 139053
Ion Ratio Lower Upper
75 100
77 31.1 21.7 40.3



#40
4-Methyl-2-pentanone
Concen: 100.39 ug/L
RT: 7.803 min Scan# 2010
Delta R.T. -0.000 min
Lab File: VU042418.D
Acq: 24 Feb 2021 09:43

Tgt Ion: 43 Resp: 351175
Ion Ratio Lower Upper
43 100
58 35.4 28.7 43.1
100 12.3 9.7 14.5





#42

Toluene

Concen: 50.15 ug/L

RT: 7.976 min Scan# 2064

Delta R.T. -0.000 min

Lab File: VU042418.D

Acq: 24 Feb 2021 09:43

Instrument :

MSVOA_U

ClientSampleId :

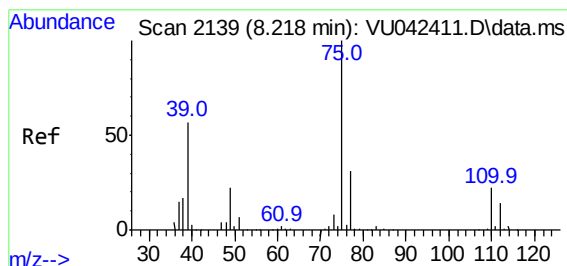
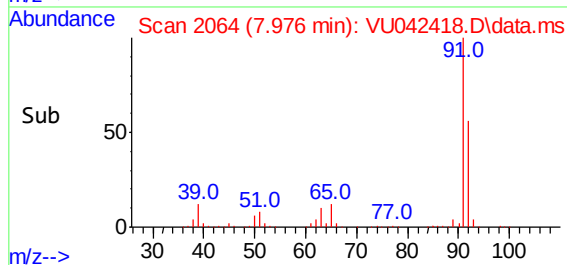
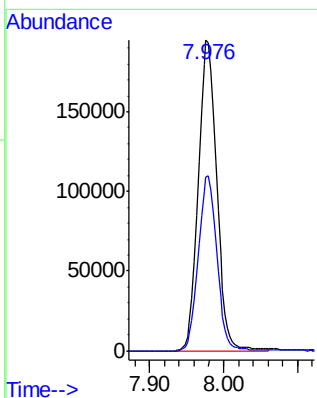
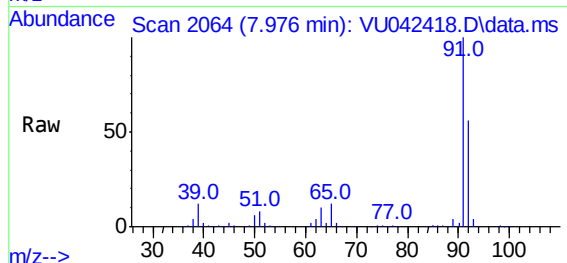
VSTD050164

Tgt Ion: 91 Resp: 338981

Ion Ratio Lower Upper

91 100

92 56.1 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 50.67 ug/L

RT: 8.218 min Scan# 2139

Delta R.T. -0.000 min

Lab File: VU042418.D

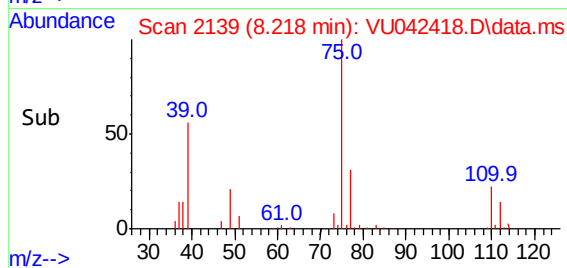
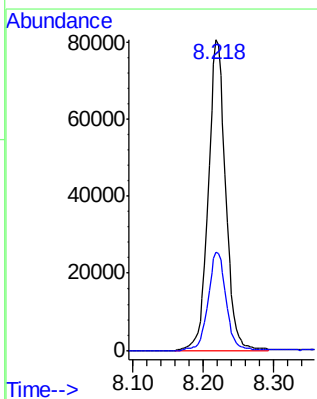
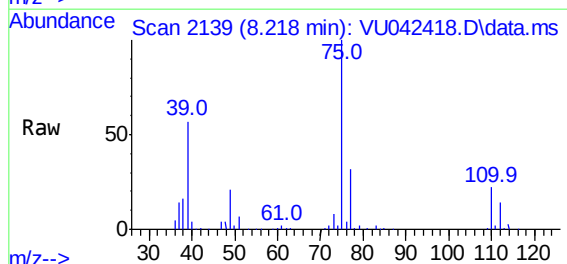
Acq: 24 Feb 2021 09:43

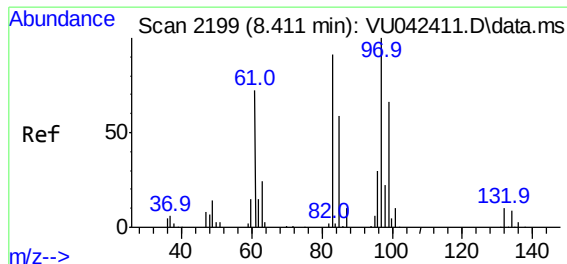
Tgt Ion: 75 Resp: 137732

Ion Ratio Lower Upper

75 100

77 31.6 21.6 40.2

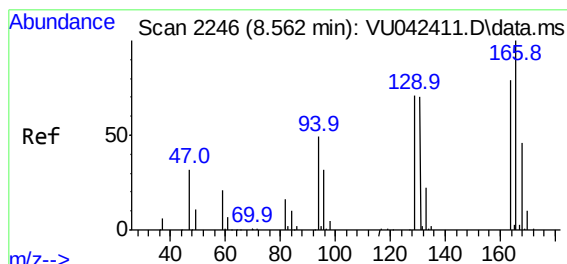
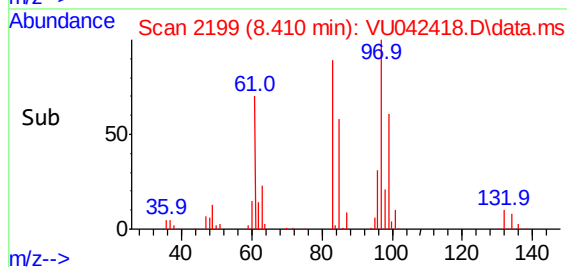
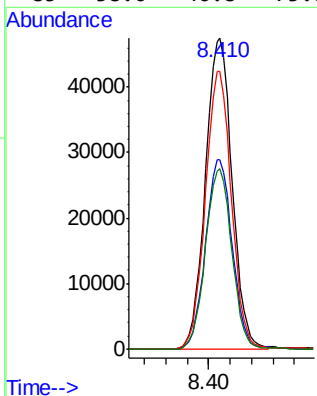
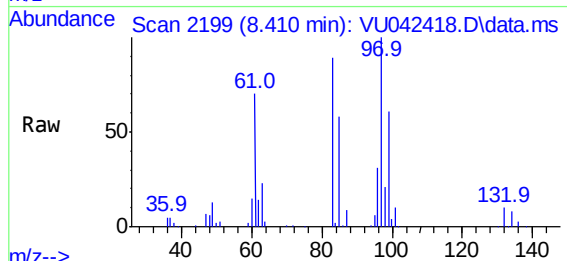




#45
1,1,2-Trichloroethane
Concen: 50.16 ug/L
RT: 8.410 min Scan# 2199
Delta R.T. -0.000 min
Lab File: VU042418.D
Acq: 24 Feb 2021 09:43

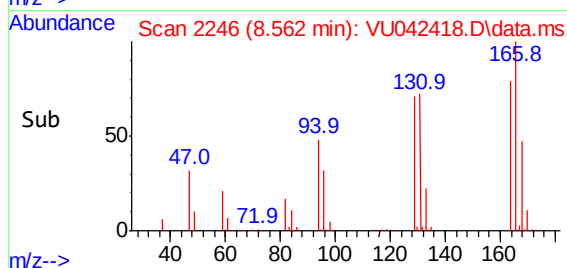
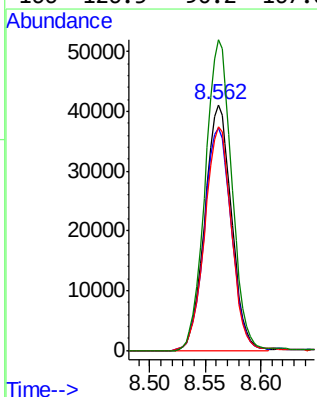
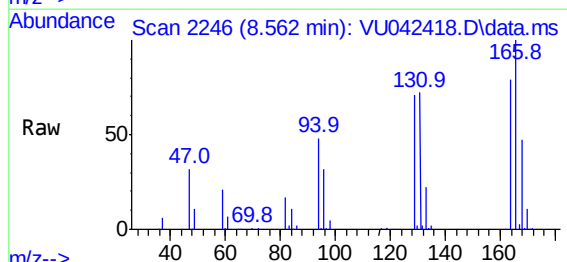
Instrument :
MSVOA_U
ClientSampleId :
VSTD050164

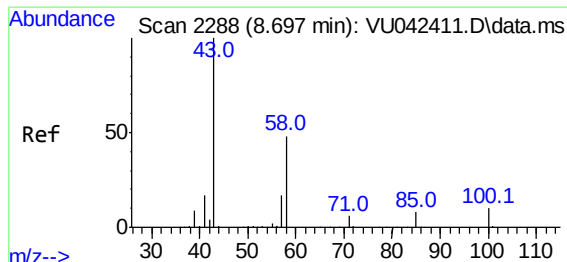
Tgt Ion: 97 Resp: 81510
Ion Ratio Lower Upper
97 100
99 61.0 43.7 81.1
83 89.3 61.7 114.7
85 58.0 40.8 75.8



#46
Tetrachloroethene
Concen: 52.19 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU042418.D
Acq: 24 Feb 2021 09:43

Tgt Ion: 164 Resp: 68362
Ion Ratio Lower Upper
164 100
129 90.4 65.2 121.2
131 91.0 62.4 115.8
166 126.5 90.2 167.6



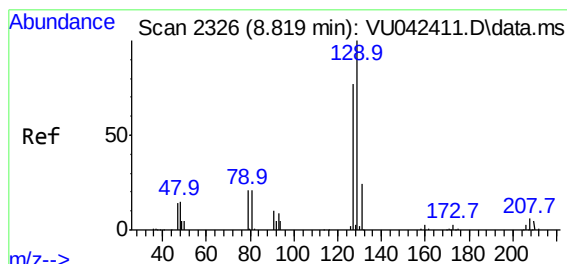
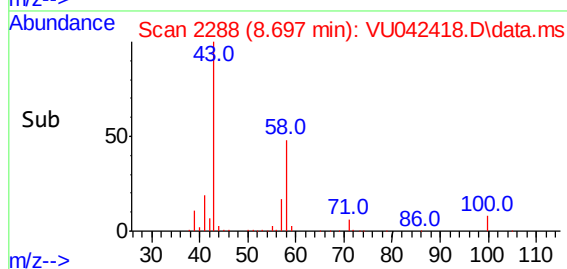
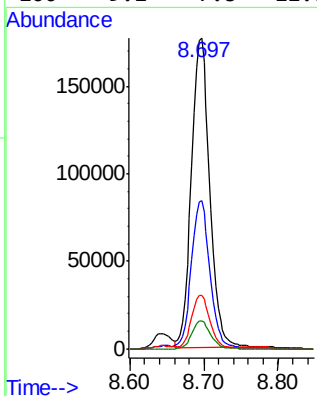
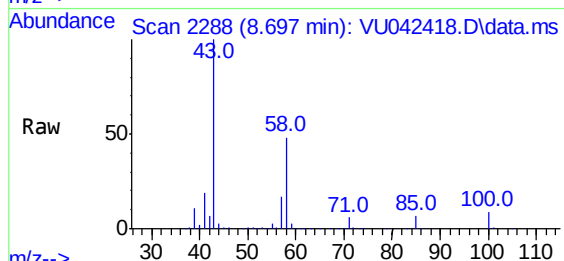


#48
2-Hexanone
Concen: 107.98 ug/L
RT: 8.697 min Scan# 2288
Delta R.T. -0.000 min
Lab File: VU042418.D
Acq: 24 Feb 2021 09:43

Instrument :
MSVOA_U
ClientSampleId :
VSTD050164

Tgt Ion: 43 Resp: 305787

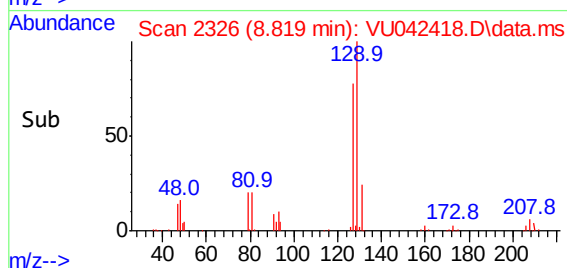
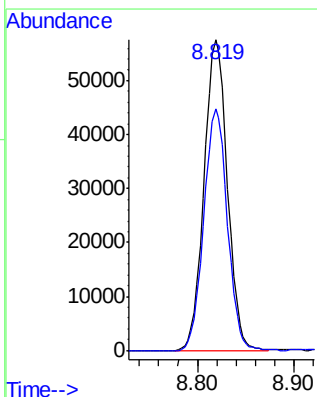
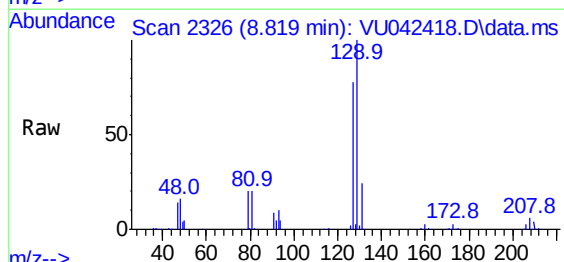
Ion	Ratio	Lower	Upper
43	100		
58	47.5	39.2	58.8
57	17.2	14.4	21.6
100	9.1	7.8	11.6

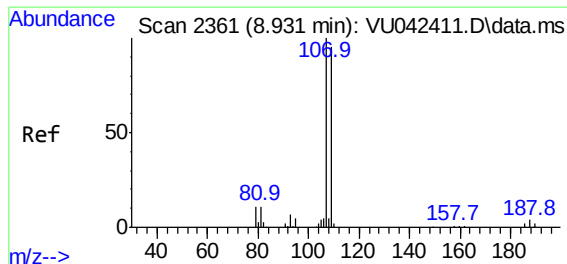


#49
Dibromochloromethane
Concen: 51.05 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VU042418.D
Acq: 24 Feb 2021 09:43

Tgt Ion: 129 Resp: 96626

Ion	Ratio	Lower	Upper
129	100		
127	77.7	54.7	101.7

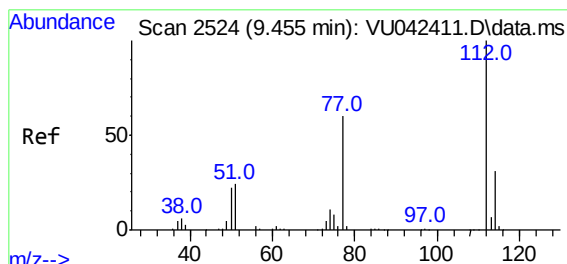
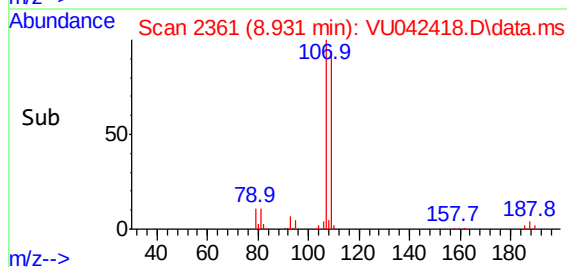
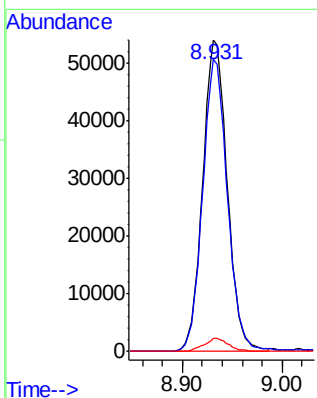
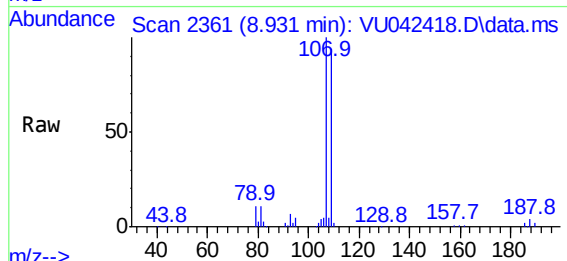




#50
1,2-Dibromoethane
Concen: 50.51 ug/L
RT: 8.931 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VU042418.D
Acq: 24 Feb 2021 09:43

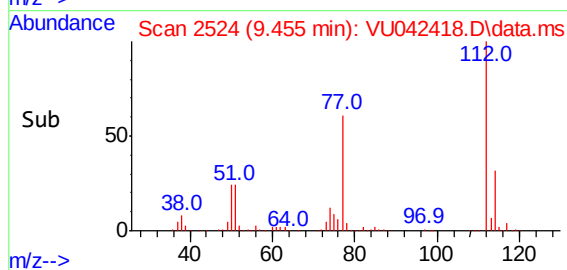
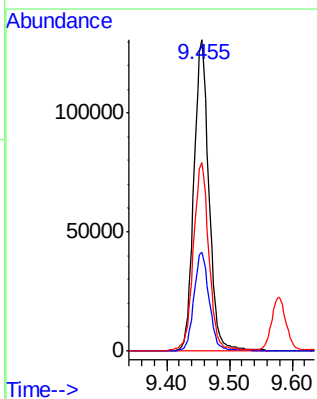
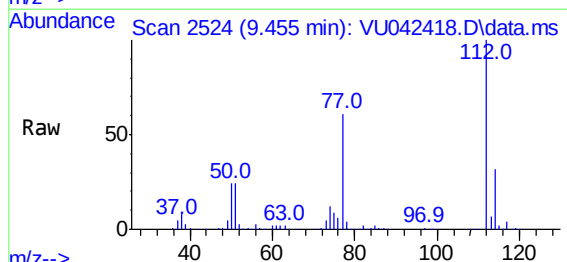
Instrument :
MSVOA_U
ClientSampleId :
VSTD050164

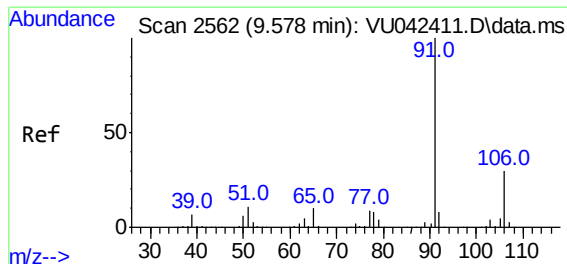
Tgt Ion:107 Resp: 92032
Ion Ratio Lower Upper
107 100
109 93.6 65.7 121.9
188 3.9 3.4 5.0



#51
Chlorobenzene
Concen: 50.61 ug/L
RT: 9.455 min Scan# 2524
Delta R.T. -0.000 min
Lab File: VU042418.D
Acq: 24 Feb 2021 09:43

Tgt Ion:112 Resp: 217117
Ion Ratio Lower Upper
112 100
114 31.7 22.7 42.1
77 60.5 49.4 74.2

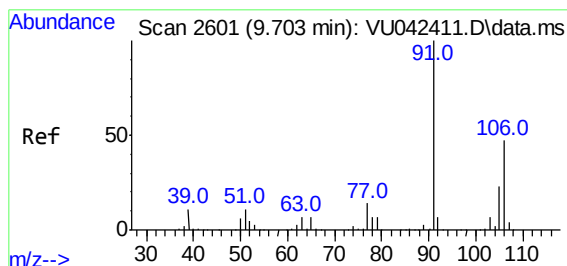
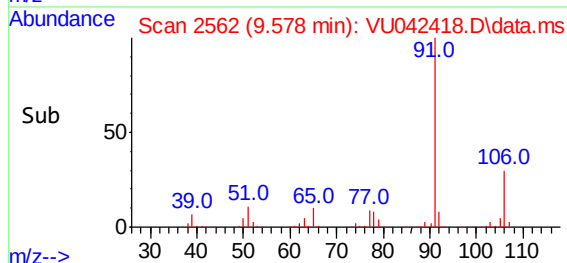
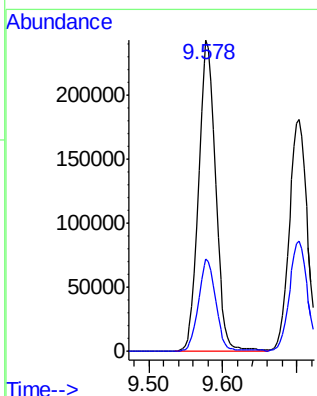
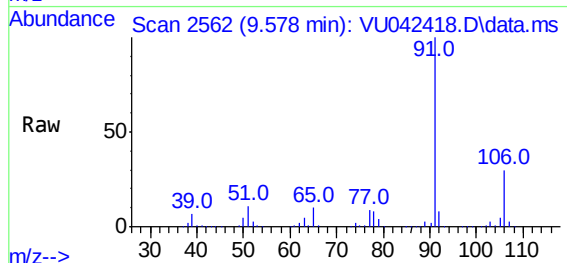




#52
Ethylbenzene
Concen: 51.54 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU042418.D
Acq: 24 Feb 2021 09:43

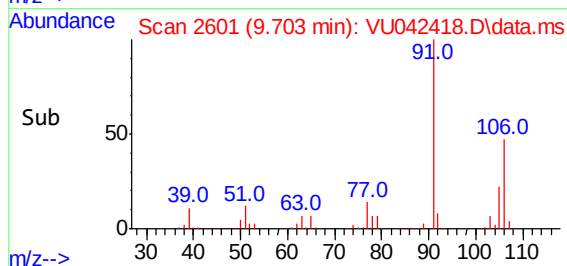
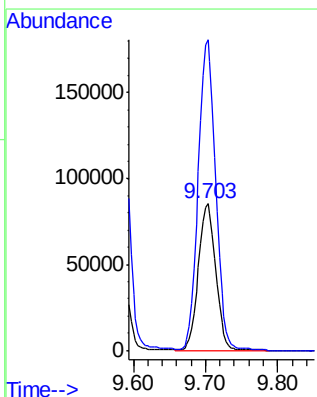
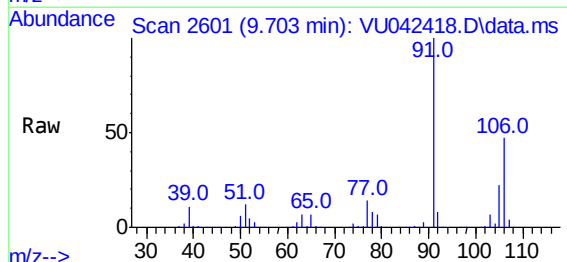
Instrument :
MSVOA_U
ClientSampleId :
VSTD050164

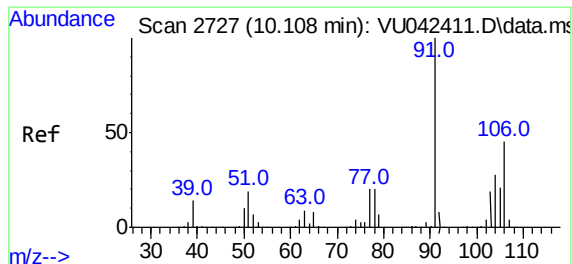
Tgt Ion: 91 Resp: 387984
Ion Ratio Lower Upper
91 100
106 29.6 20.8 38.6



#53
m,p-Xylene
Concen: 51.07 ug/L
RT: 9.703 min Scan# 2601
Delta R.T. -0.000 min
Lab File: VU042418.D
Acq: 24 Feb 2021 09:43

Tgt Ion: 106 Resp: 143275
Ion Ratio Lower Upper
106 100
91 211.7 149.7 277.9

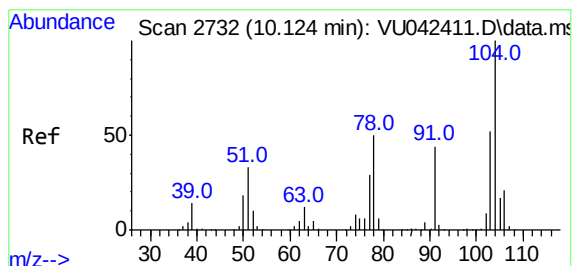
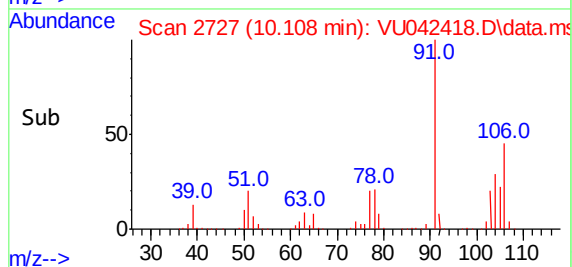
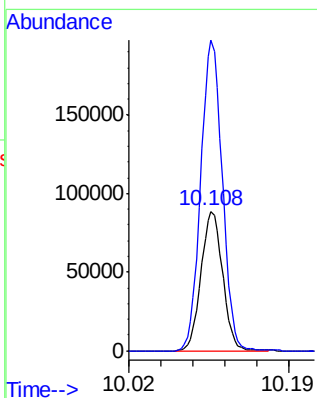
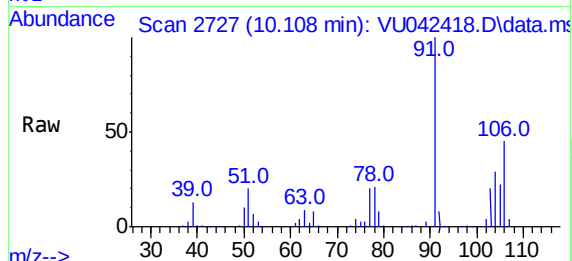




#54
o-xylene
Concen: 51.35 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. -0.000 min
Lab File: VU042418.D
Acq: 24 Feb 2021 09:43

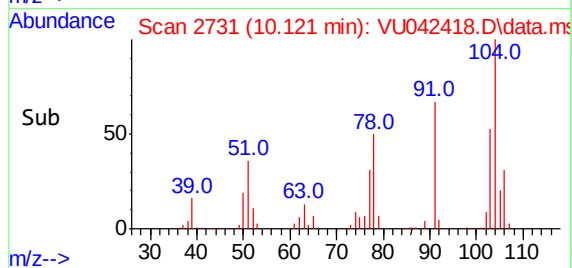
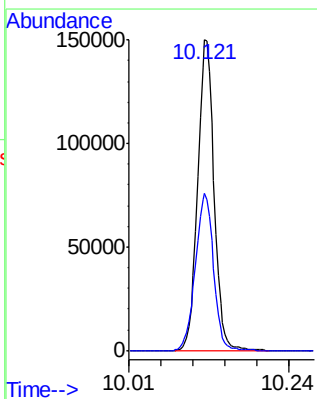
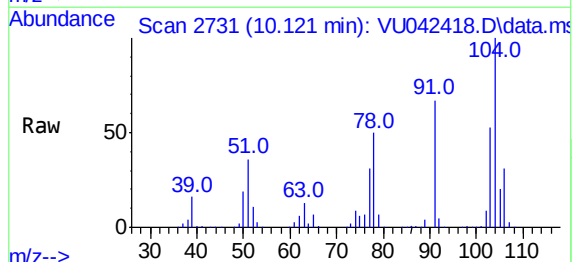
Instrument :
MSVOA_U
ClientSampleId :
VSTD050164

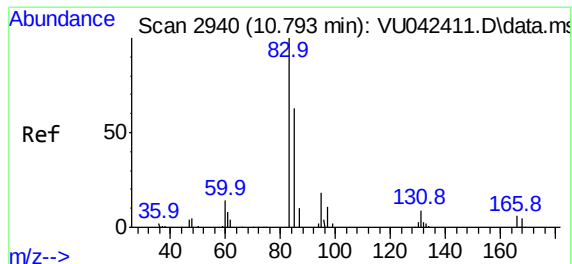
Tgt Ion:106 Resp: 143282
Ion Ratio Lower Upper
106 100
91 222.2 157.4 292.2



#55
Styrene
Concen: 50.77 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. -0.003 min
Lab File: VU042418.D
Acq: 24 Feb 2021 09:43

Tgt Ion:104 Resp: 242229
Ion Ratio Lower Upper
104 100
78 50.5 34.4 64.0

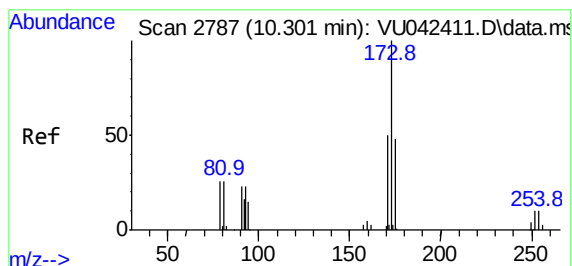
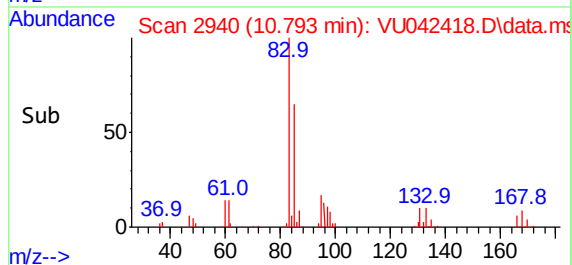
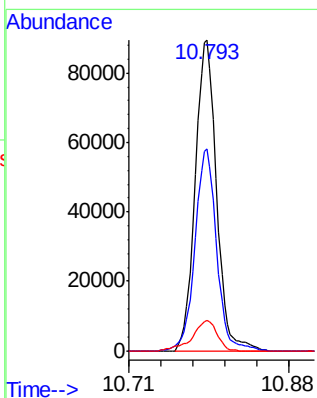
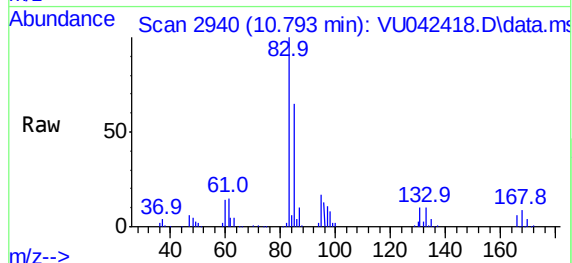




#57
1,1,2,2-Tetrachloroethane
Concen: 49.59 ug/L
RT: 10.793 min Scan# 2940
Delta R.T. -0.000 min
Lab File: VU042418.D
Acq: 24 Feb 2021 09:43

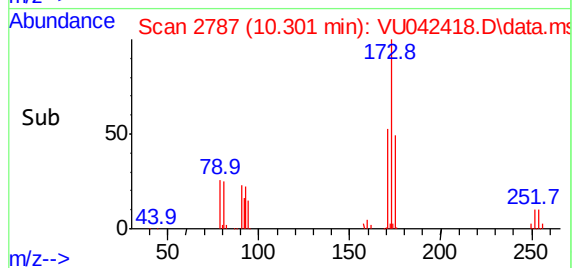
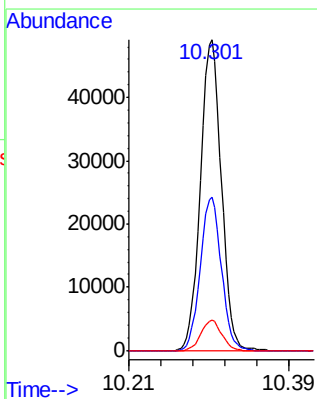
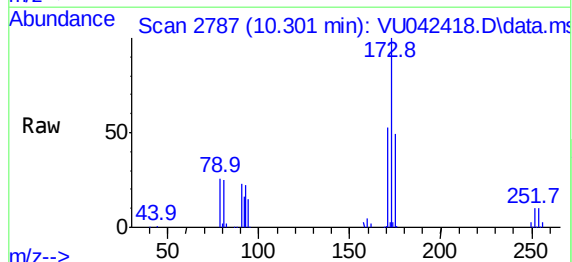
Instrument :
MSVOA_U
ClientSampleId :
VSTD050164

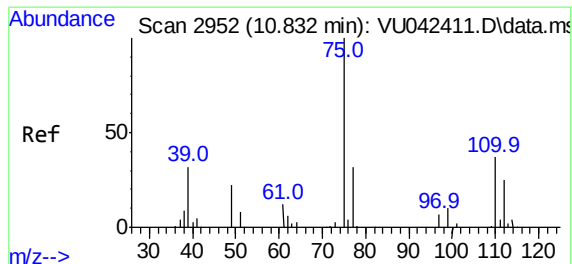
Tgt Ion: 83 Resp: 146687
Ion Ratio Lower Upper
83 100
85 65.1 45.4 84.2
131 9.8 8.1 12.1



#59
Bromoform
Concen: 50.70 ug/L
RT: 10.301 min Scan# 2787
Delta R.T. -0.000 min
Lab File: VU042418.D
Acq: 24 Feb 2021 09:43

Tgt Ion: 173 Resp: 81388
Ion Ratio Lower Upper
173 100
175 49.5 39.0 58.4
254 9.5 7.4 11.0

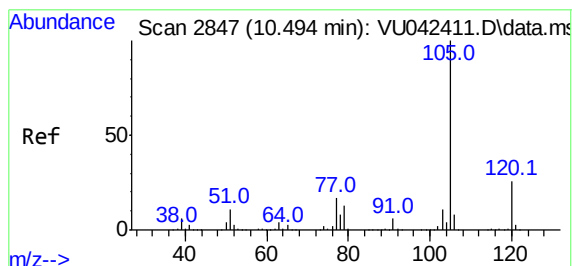
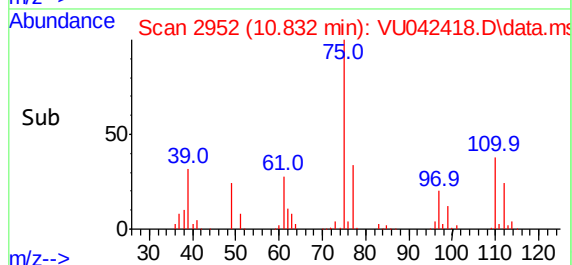
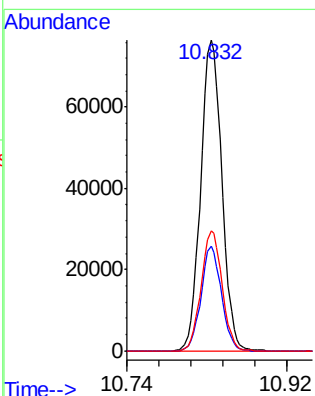
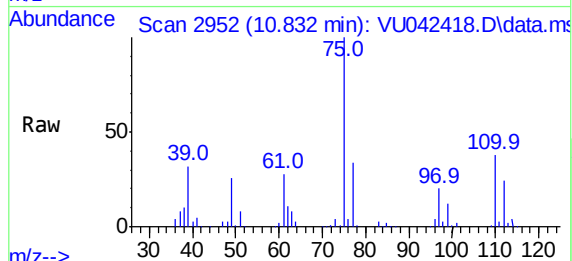




#60
1,2,3-Trichloropropane
Concen: 48.98 ug/L
RT: 10.832 min Scan# 2952
Delta R.T. -0.000 min
Lab File: VU042418.D
Acq: 24 Feb 2021 09:43

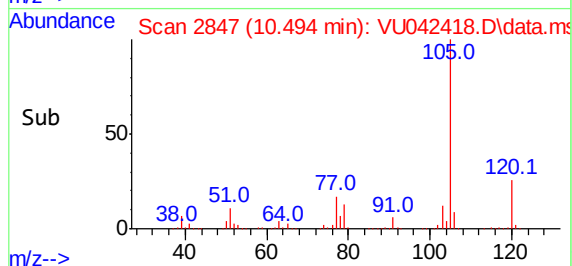
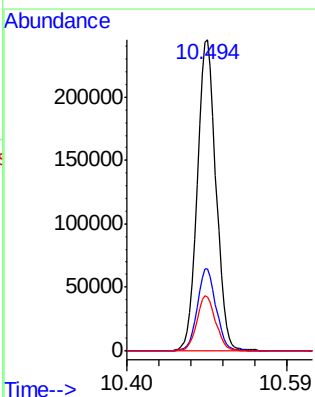
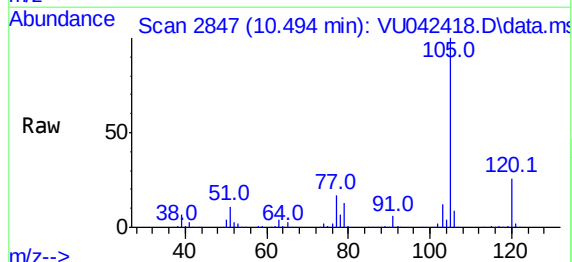
Instrument :
MSVOA_U
ClientSampleId :
VSTD050164

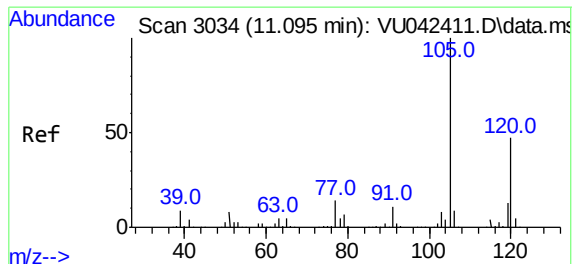
Tgt Ion: 75 Resp: 123571
Ion Ratio Lower Upper
75 100
77 32.3 25.4 38.2
110 38.2 30.3 45.5



#61
Isopropylbenzene
Concen: 50.50 ug/L
RT: 10.494 min Scan# 2847
Delta R.T. -0.000 min
Lab File: VU042418.D
Acq: 24 Feb 2021 09:43

Tgt Ion: 105 Resp: 384801
Ion Ratio Lower Upper
105 100
120 26.1 20.5 30.7
77 17.5 13.6 20.4

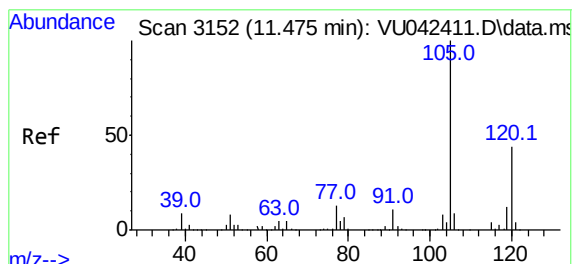
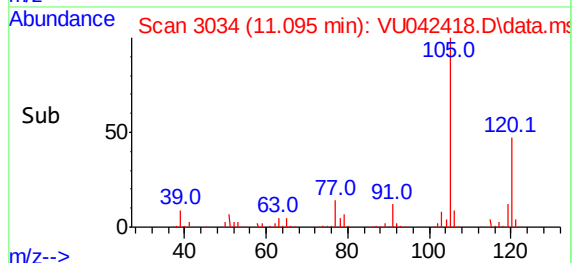
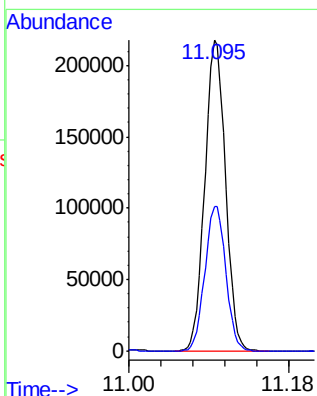
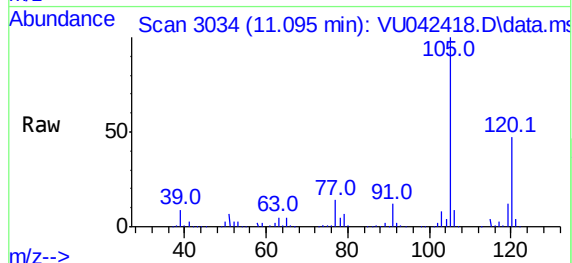




#62
1,3,5-Trimethylbenzene
Concen: 50.83 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU042418.D
Acq: 24 Feb 2021 09:43

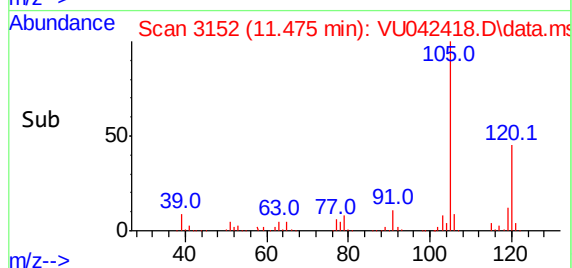
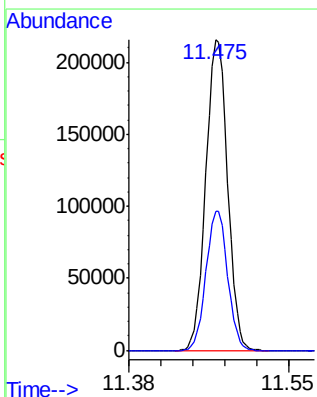
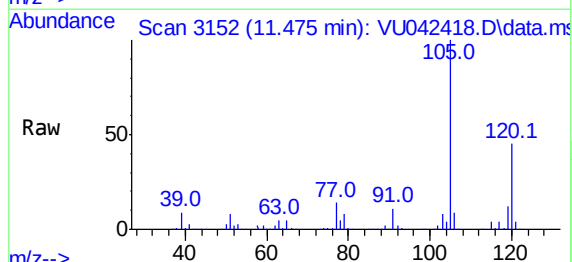
Instrument :
MSVOA_U
ClientSampleId :
VSTD050164

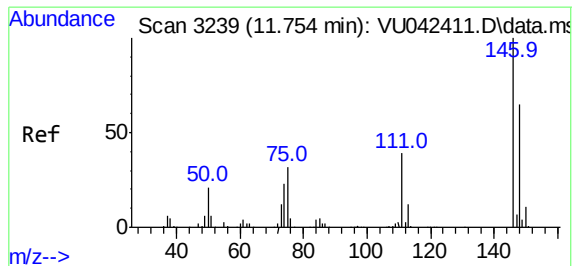
Tgt Ion:105 Resp: 335141
Ion Ratio Lower Upper
105 100
120 47.2 37.2 55.8



#63
1,2,4-Trimethylbenzene
Concen: 50.70 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU042418.D
Acq: 24 Feb 2021 09:43

Tgt Ion:105 Resp: 336812
Ion Ratio Lower Upper
105 100
120 44.4 35.2 52.8

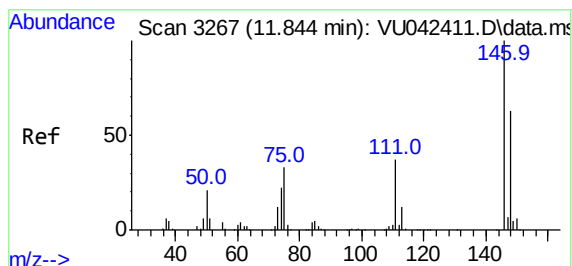
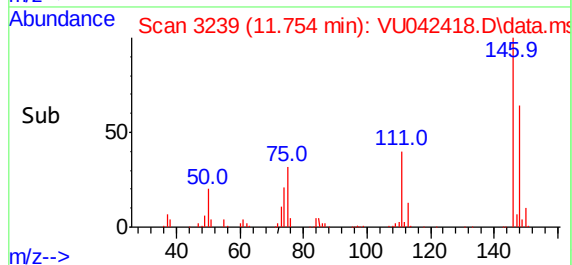
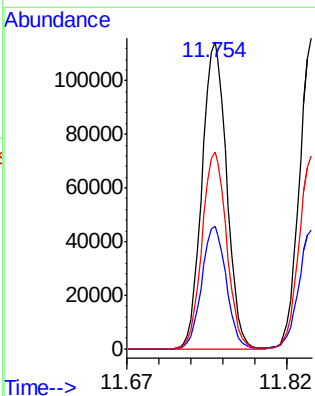
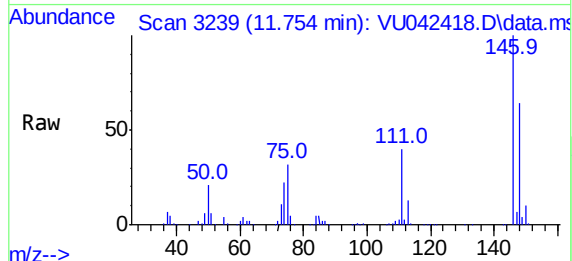




#64
1,3-Dichlorobenzene
Concen: 50.46 ug/L
RT: 11.754 min Scan# 3239
Delta R.T. -0.000 min
Lab File: VU042418.D
Acq: 24 Feb 2021 09:43

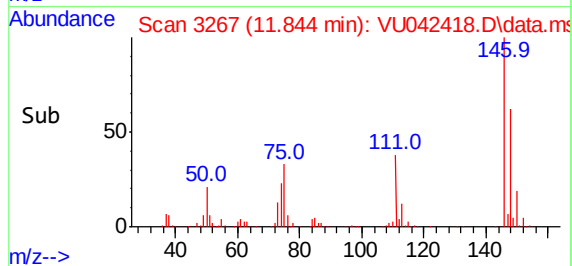
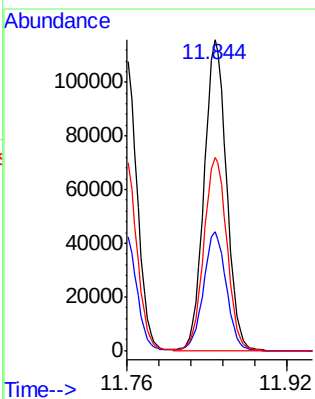
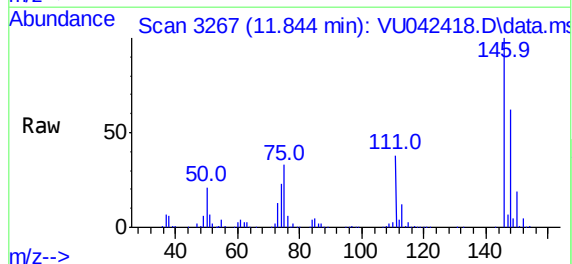
Instrument :
MSVOA_U
ClientSampleId :
VSTD050164

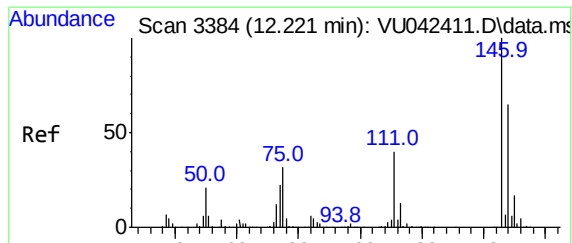
Tgt Ion:146 Resp: 181309
Ion Ratio Lower Upper
146 100
111 40.2 27.6 51.2
148 64.4 45.4 84.2



#65
1,4-Dichlorobenzene
Concen: 49.12 ug/L
RT: 11.844 min Scan# 3267
Delta R.T. -0.000 min
Lab File: VU042418.D
Acq: 24 Feb 2021 09:43

Tgt Ion:146 Resp: 179756
Ion Ratio Lower Upper
146 100
111 38.1 26.6 49.4
148 62.2 44.6 82.8

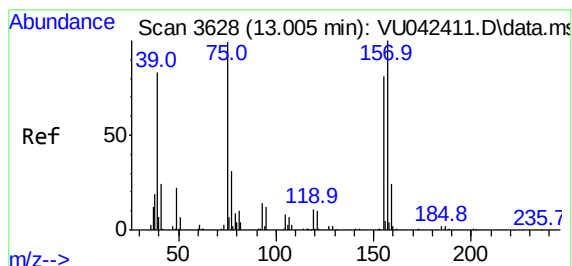
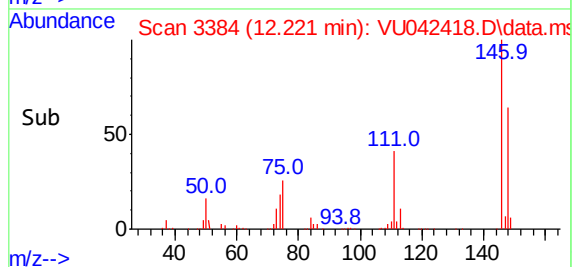
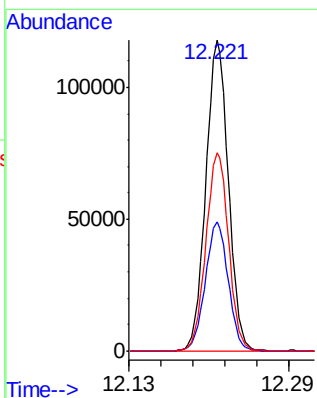
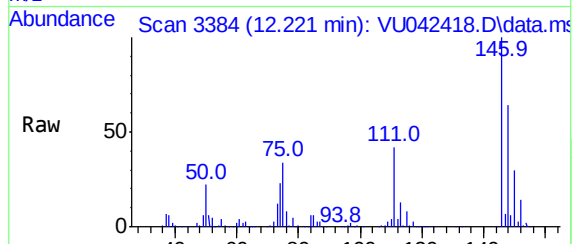




#67
1,2-Dichlorobenzene
Concen: 49.80 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. -0.000 min
Lab File: VU042418.D
Acq: 24 Feb 2021 09:43

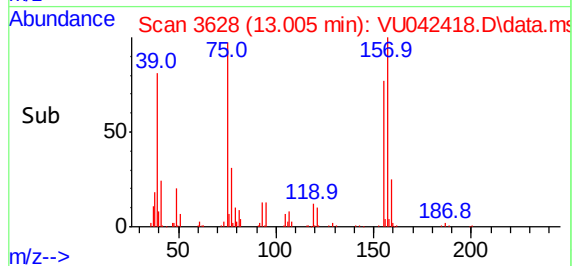
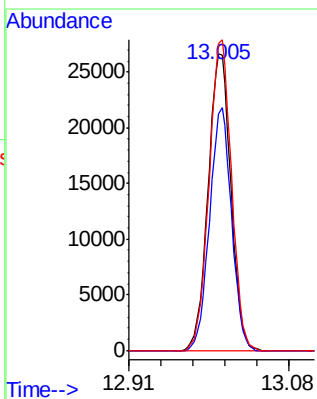
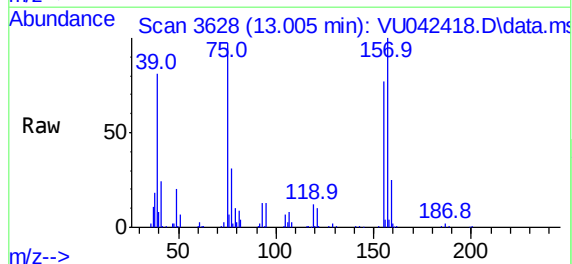
Instrument :
MSVOA_U
ClientSampleId :
VSTD050164

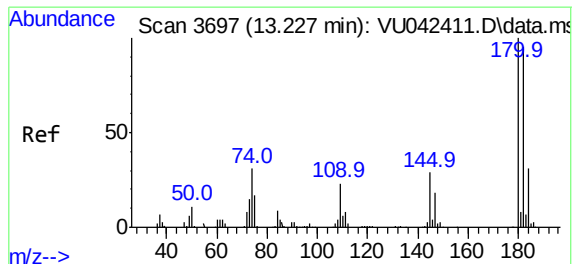
Tgt Ion:146 Resp: 183905
Ion Ratio Lower Upper
146 100
111 41.5 31.9 47.9
148 63.9 50.2 75.4



#68
1,2-Dibromo-3-chloropropane
Concen: 51.81 ug/L
RT: 13.005 min Scan# 3628
Delta R.T. -0.000 min
Lab File: VU042418.D
Acq: 24 Feb 2021 09:43

Tgt Ion: 75 Resp: 43488
Ion Ratio Lower Upper
75 100
155 79.6 65.2 97.8
157 103.6 82.7 124.1

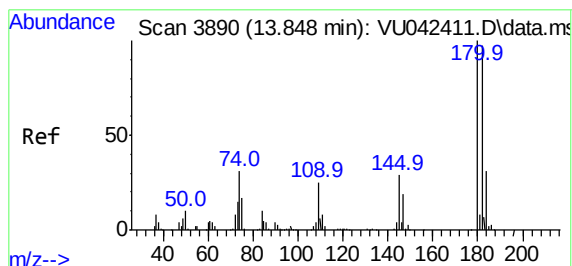
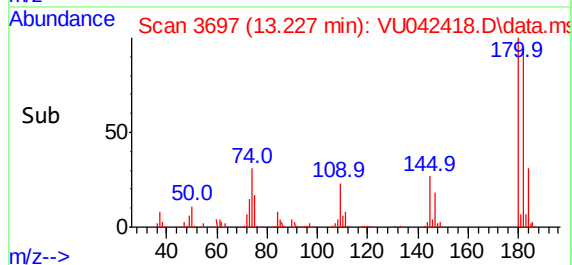
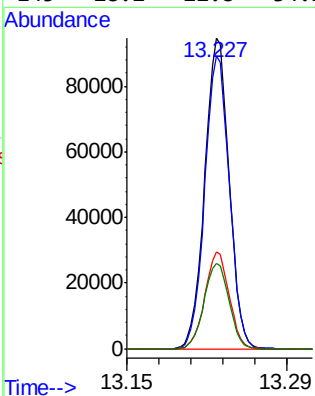
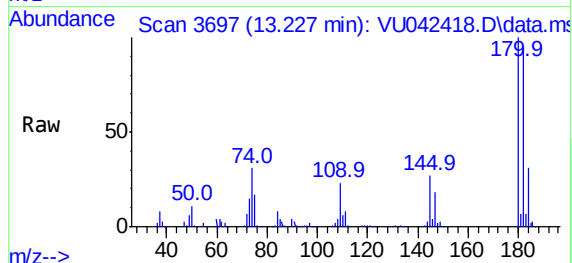




#69
1,3,5-Trichlorobenzene
Concen: 51.95 ug/L
RT: 13.227 min Scan# 3697
Delta R.T. -0.000 min
Lab File: VU042418.D
Acq: 24 Feb 2021 09:43

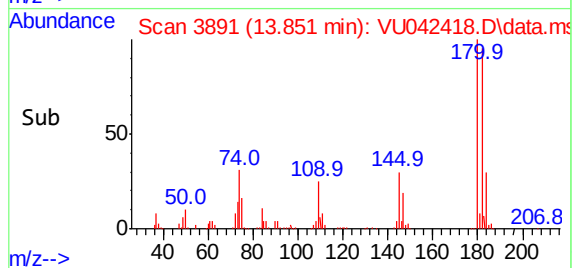
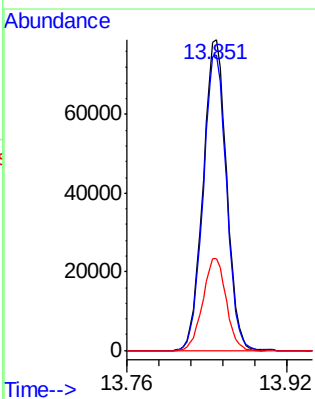
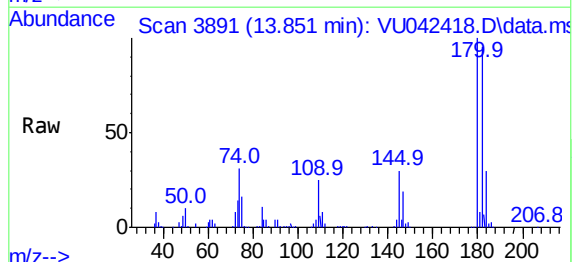
Instrument :
MSVOA_U
ClientSampleId :
VSTD050164

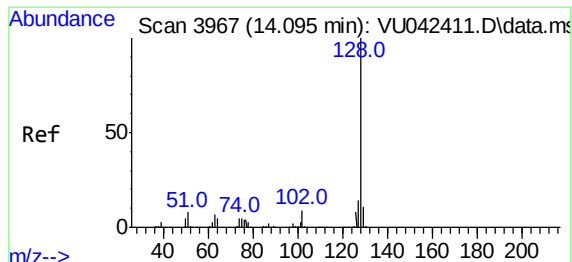
Tgt Ion:180 Resp: 143905
Ion Ratio Lower Upper
180 100
182 95.2 76.8 115.2
184 31.1 24.1 36.1
145 28.2 22.8 34.2



#70
1,2,4-trichlorobenzene
Concen: 53.63 ug/L
RT: 13.851 min Scan# 3891
Delta R.T. 0.003 min
Lab File: VU042418.D
Acq: 24 Feb 2021 09:43

Tgt Ion:180 Resp: 124587
Ion Ratio Lower Upper
180 100
182 94.5 77.2 115.8
145 29.3 23.7 35.5

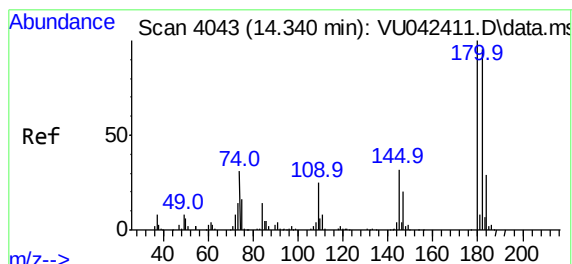
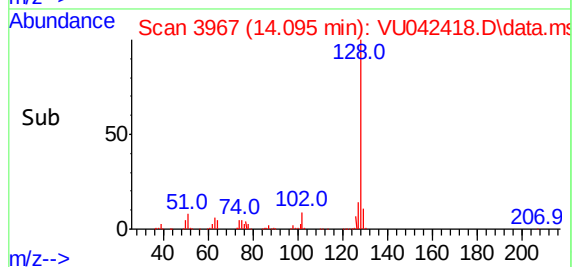
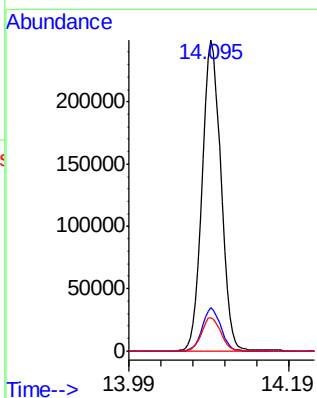
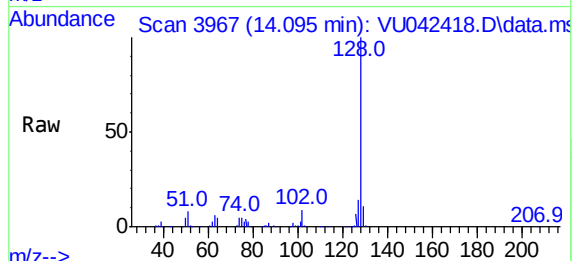




#71
Naphthalene
Concen: 53.19 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. -0.000 min
Lab File: VU042418.D
Acq: 24 Feb 2021 09:43

Instrument :
MSVOA_U
ClientSampleId :
VSTD050164

Tgt Ion:128 Resp: 390165
Ion Ratio Lower Upper
128 100
127 13.6 10.8 16.2
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 52.41 ug/L
RT: 14.339 min Scan# 4043
Delta R.T. -0.000 min
Lab File: VU042418.D
Acq: 24 Feb 2021 09:43

Tgt Ion:180 Resp: 123792
Ion Ratio Lower Upper
180 100
182 95.7 76.2 114.2
145 30.8 24.6 37.0

