

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022321\
 Data File : VU042411.D
 Acq On : 23 Feb 2021 10:47
 Operator : SY/MD
 Sample : VSTDCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050162

Quant Time: Feb 24 03:49:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM020521WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Feb 06 07:13:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	220005	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	210806	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	118149	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	75915	45.85	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	91.70%		
7) Chloroethane-d5	1.916	69	62257	54.83	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	109.66%		
11) 1,1-Dichloroethene-d2	2.575	63	172583	48.84	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	97.68%		
21) 2-Butanone-d5	4.639	46	169134	98.73	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	98.73%		
24) Chloroform-d	5.073	84	168777	50.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.52%		
26) 1,2-Dichloroethane-d4	5.713	65	118302	50.29	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.58%		
32) Benzene-d6	5.739	84	298782	48.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.56%		
36) 1,2-Dichloropropane-d6	6.700	67	100166	48.96	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.92%		
41) Toluene-d8	7.906	98	289348	49.87	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.74%		
43) trans-1,3-Dichloroprop...	8.185	79	53173	49.99	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	99.98%		
47) 2-Hexanone-d5	8.645	63	110547	95.56	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	95.56%		
56) 1,1,2,2-Tetrachloroeth...	10.767	84	150421	49.39	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	98.78%		
66) 1,2-Dichlorobenzene-d4	12.201	152	122165	49.31	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.62%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	88362	47.92	ug/L	100
3) Chloromethane	1.523	50	82553	49.04	ug/L	99
5) Vinyl chloride	1.607	62	82748	49.58	ug/L	99
6) Bromomethane	1.864	94	50594	54.14	ug/L	100
8) Chloroethane	1.938	64	52396	57.17	ug/L	98
9) Trichlorofluoromethane	2.144	101	134747	52.33	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	78235	50.72	ug/L	99
12) 1,1-Dichloroethene	2.588	96	69827	49.44	ug/L	94
13) Acetone	2.645	43	139943	90.44	ug/L	98
14) Carbon disulfide	2.800	76	204699	48.14	ug/L	100
15) Methyl Acetate	2.957	43	115560	48.56	ug/L	100
16) Methylene chloride	3.054	84	78773	49.32	ug/L	99
17) trans-1,2-Dichloroethene	3.362	96	74462	50.60	ug/L	98
18) Methyl tert-butyl Ether	3.372	73	264570	49.97	ug/L	99
19) 1,1-Dichloroethane	3.880	63	150375	49.31	ug/L	99
20) cis-1,2-Dichloroethene	4.678	96	82002	49.58	ug/L	99
22) 2-Butanone	4.719	43	191909	95.77	ug/L	98
23) Bromochloromethane	4.986	128	44464	50.63	ug/L	93
25) Chloroform	5.099	83	155142	50.13	ug/L	100
27) 1,2-Dichloroethane	5.806	62	139031	50.81	ug/L	99

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 Quant Title : VOC Analysis
 QLast Update : Sat Feb 06 07:13:30 2021
 Response via : Initial Calibration

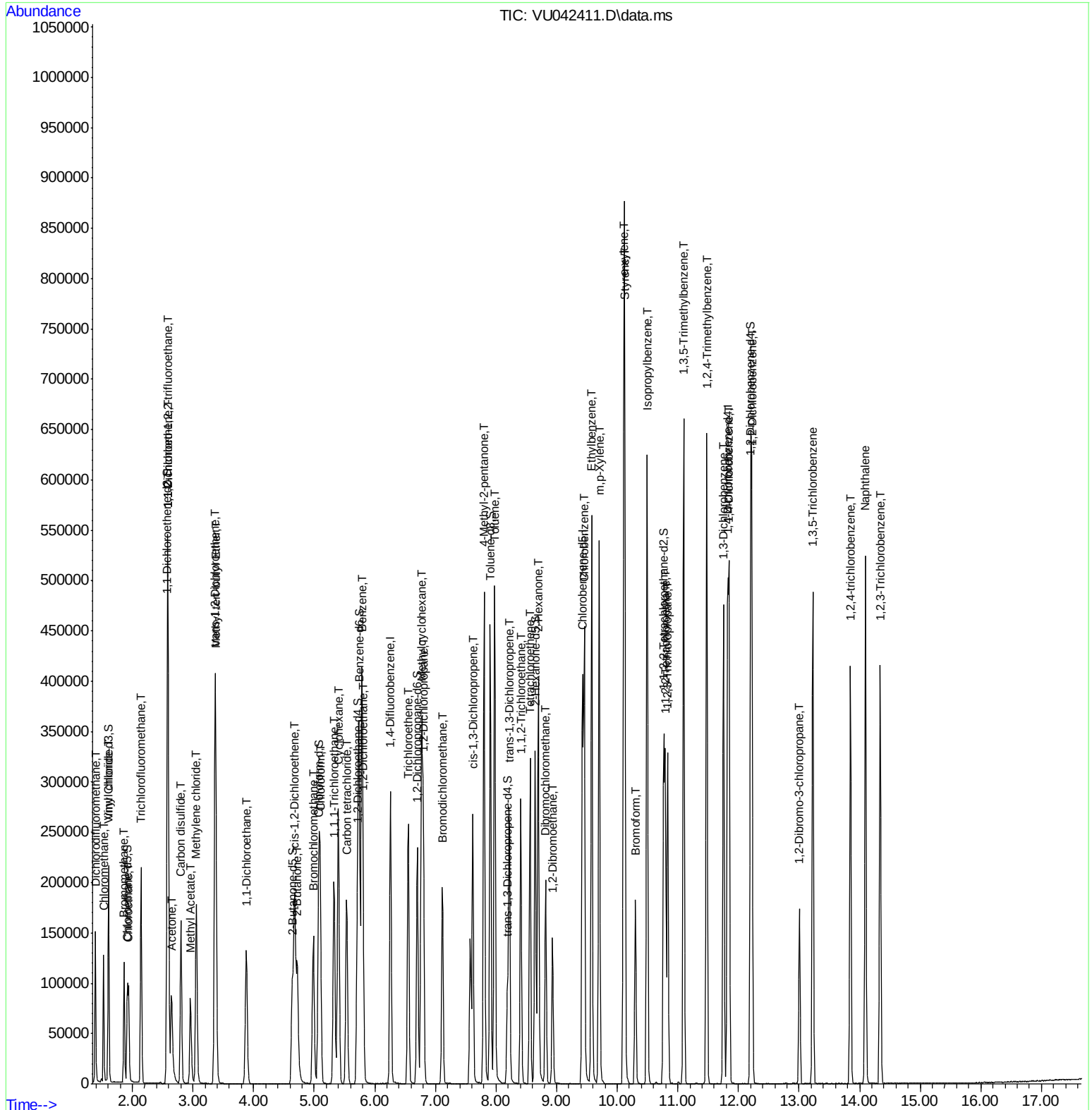
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	5.398	56	134479	47.88	ug/L	99
30) 1,1,1-Trichloroethane	5.327	97	141943	49.21	ug/L	100
31) Carbon tetrachloride	5.536	117	123231	49.67	ug/L	98
33) Benzene	5.784	78	312224	48.44	ug/L	100
34) Trichloroethene	6.552	95	84694	50.15	ug/L	97
35) Methylcyclohexane	6.771	83	129476	49.76	ug/L	98
37) 1,2-Dichloropropane	6.800	63	88301	48.93	ug/L	99
38) Bromodichloromethane	7.115	83	120140	49.53	ug/L	98
39) cis-1,3-Dichloropropene	7.616	75	140304	49.92	ug/L	99
40) 4-Methyl-2-pentanone	7.803	43	347040	97.39	ug/L	99
42) Toluene	7.976	91	344103	49.97	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	140044	50.58	ug/L	100
45) 1,1,2-Trichloroethane	8.411	97	80667	48.73	ug/L	97
46) Tetrachloroethene	8.562	164	69631	52.18	ug/L	98
48) 2-Hexanone	8.697	43	278822	96.65	ug/L	100
49) Dibromochloromethane	8.819	129	96944	50.28	ug/L	99
50) 1,2-Dibromoethane	8.931	107	92573	49.88	ug/L	98
51) Chlorobenzene	9.455	112	218798	50.07	ug/L	98
52) Ethylbenzene	9.578	91	388845	50.71	ug/L	99
53) m,p-Xylene	9.703	106	143106	50.07	ug/L	100
54) o-xylene	10.108	106	144905	50.98	ug/L	100
55) Styrene	10.124	104	243003	50.00	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.793	83	147569	48.98	ug/L	100
59) Bromoform	10.301	173	80991	48.88	ug/L	100
60) 1,2,3-Trichloropropane	10.832	75	124546	47.83	ug/L	100
61) Isopropylbenzene	10.494	105	389940	49.58	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	336755	49.48	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	339924	49.58	ug/L	100
64) 1,3-Dichlorobenzene	11.754	146	183806	49.56	ug/L	100
65) 1,4-Dichlorobenzene	11.844	146	184038	48.72	ug/L	99
67) 1,2-Dichlorobenzene	12.221	146	187075	49.08	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.005	75	41754	48.19	ug/L	99
69) 1,3,5-Trichlorobenzene	13.227	180	145566	50.92	ug/L	100
70) 1,2,4-trichlorobenzene	13.848	180	124875	52.08	ug/L	99
71) Naphthalene	14.095	128	386769	51.09	ug/L	100
72) 1,2,3-Trichlorobenzene	14.340	180	124083	50.90	ug/L	99

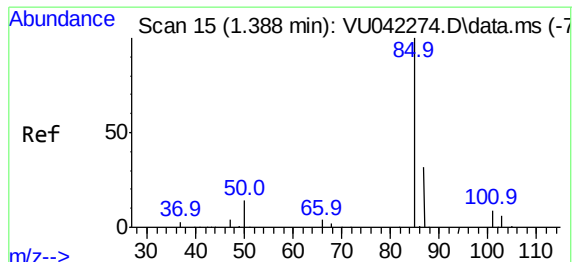
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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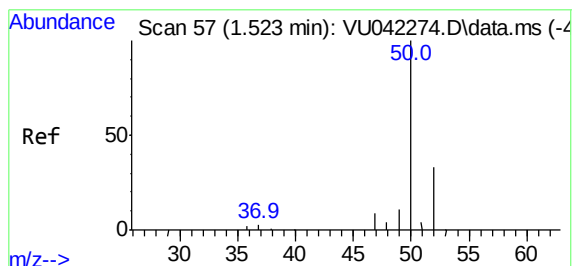
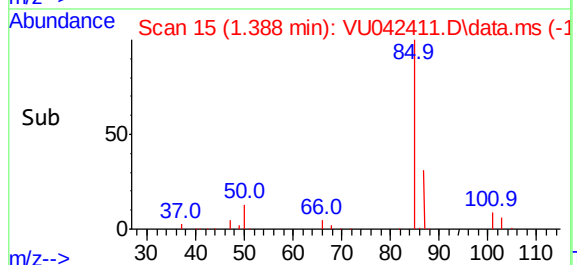
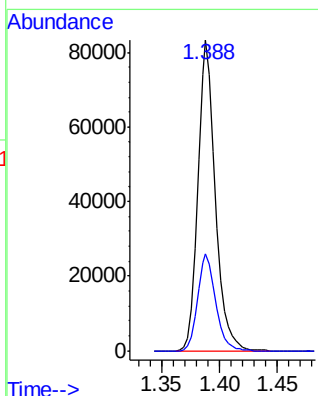
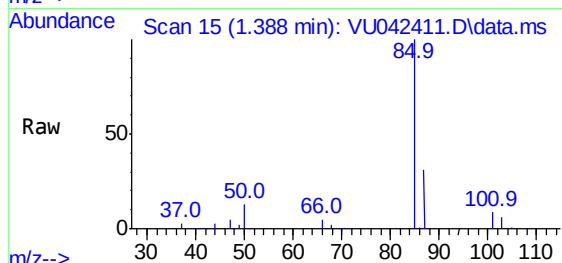




#2
Dichlorodifluoromethane
Concen: 47.92 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU042411.D
Acq: 23 Feb 2021 10:47

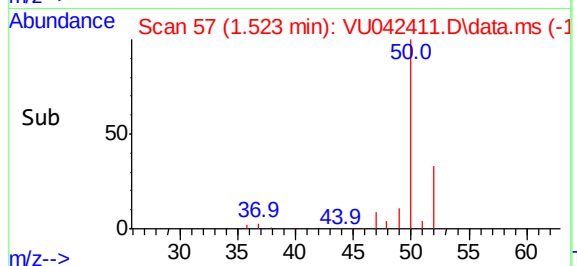
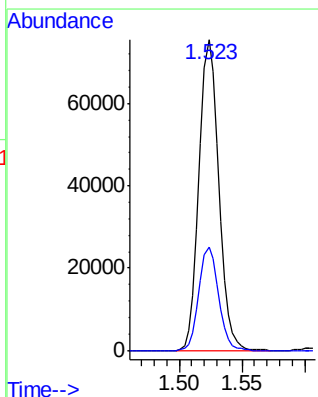
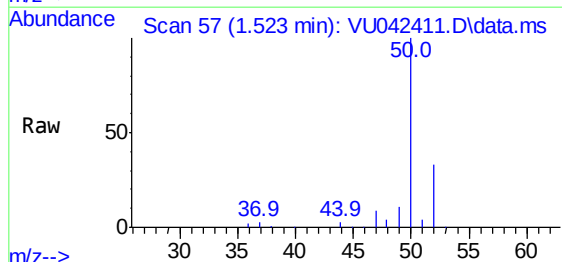
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MSVOA_V
ClientSampleId :
VSTD050162

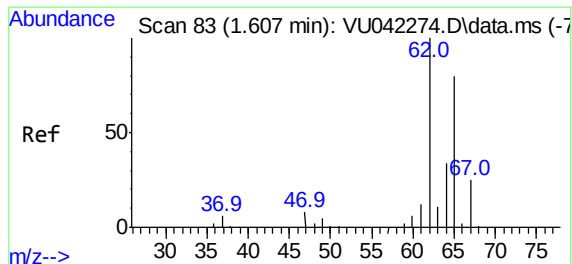
Tgt Ion: 85 Resp: 88362
Ion Ratio Lower Upper
85 100
87 32.1 25.4 38.2



#3
Chloromethane
Concen: 49.04 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042411.D
Acq: 23 Feb 2021 10:47

Tgt Ion: 50 Resp: 82553
Ion Ratio Lower Upper
50 100
52 33.2 22.8 42.4

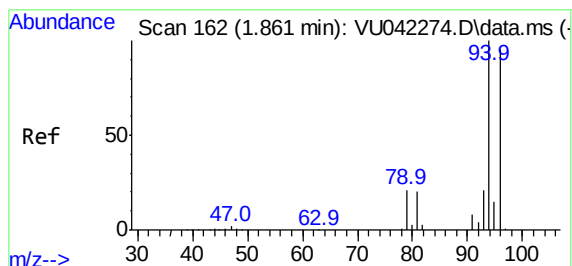
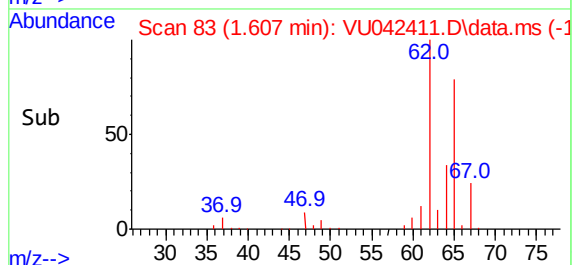
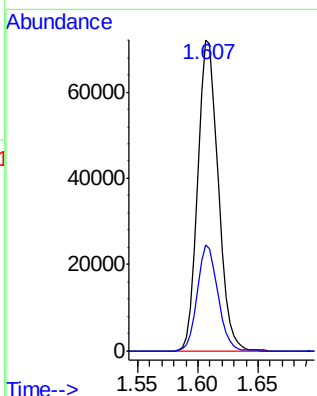
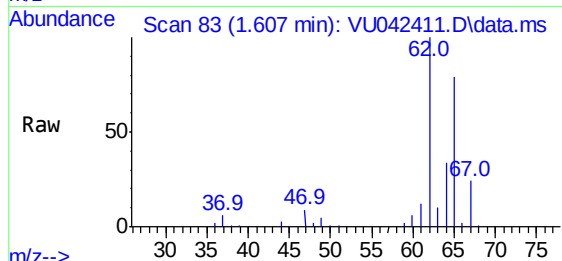




#5
 Vinyl chloride
 Concen: 49.58 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU042411.D
 Acq: 23 Feb 2021 10:47

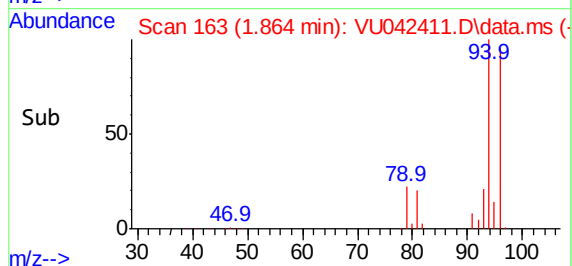
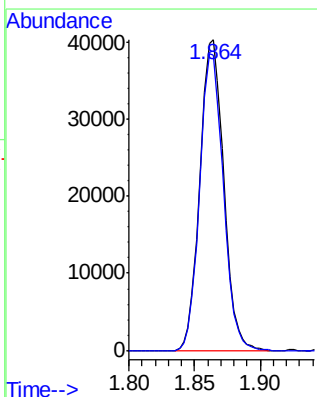
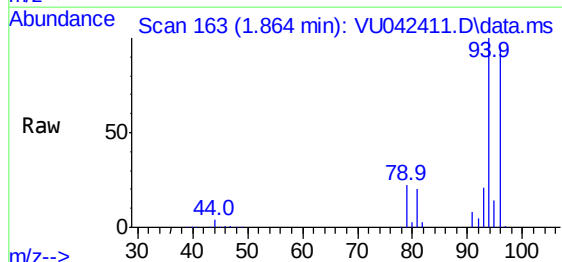
Instrument :
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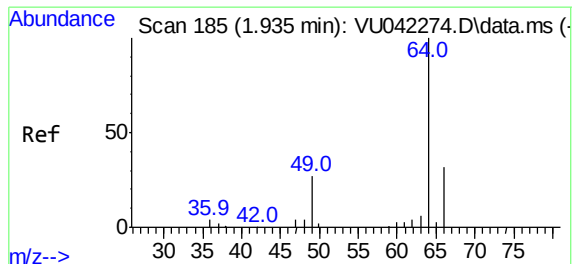
Tgt Ion: 62 Resp: 82748
 Ion Ratio Lower Upper
 62 100
 64 34.2 23.6 43.8



#6
 Bromomethane
 Concen: 54.14 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.003 min
 Lab File: VU042411.D
 Acq: 23 Feb 2021 10:47

Tgt Ion: 94 Resp: 50594
 Ion Ratio Lower Upper
 94 100
 96 95.0 66.3 123.1

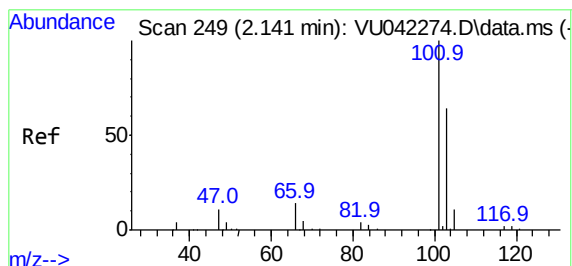
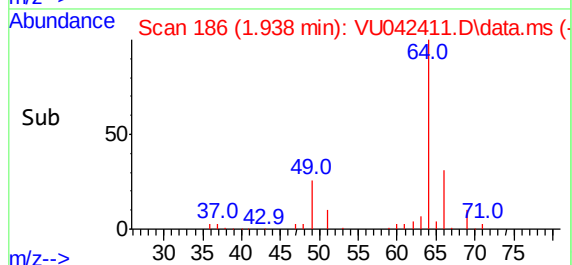
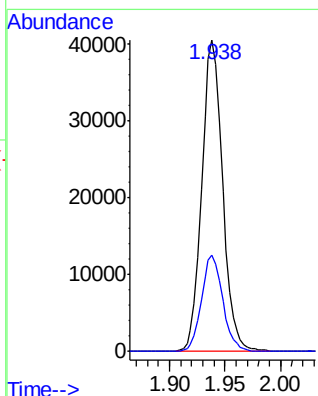
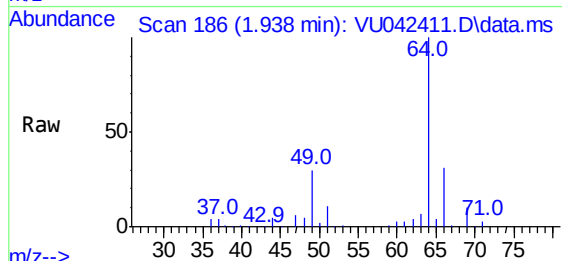




#8
Chloroethane
Concen: 57.17 ug/L
RT: 1.938 min Scan# 186
Delta R.T. 0.003 min
Lab File: VU042411.D
Acq: 23 Feb 2021 10:47

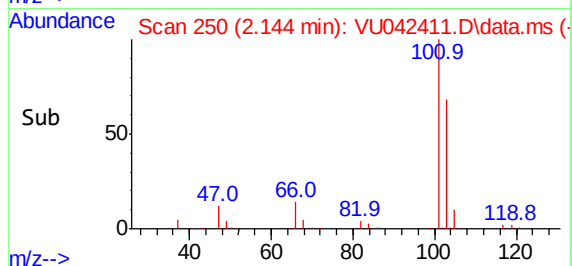
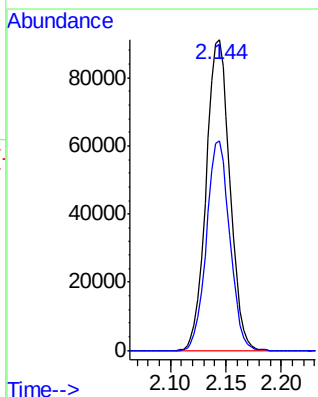
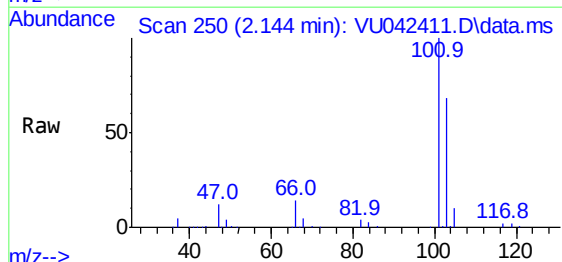
Instrument :
MSVOA_V
ClientSampleId :
VSTD050162

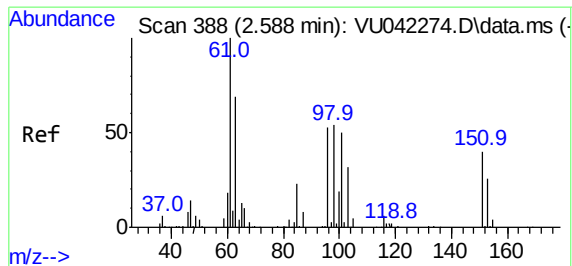
Tgt Ion: 64 Resp: 52396
Ion Ratio Lower Upper
64 100
66 30.9 22.5 41.7



#9
Trichlorofluoromethane
Concen: 52.33 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.003 min
Lab File: VU042411.D
Acq: 23 Feb 2021 10:47

Tgt Ion: 101 Resp: 134747
Ion Ratio Lower Upper
101 100
103 66.3 51.4 77.0



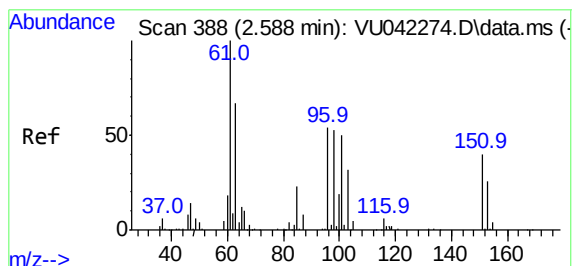
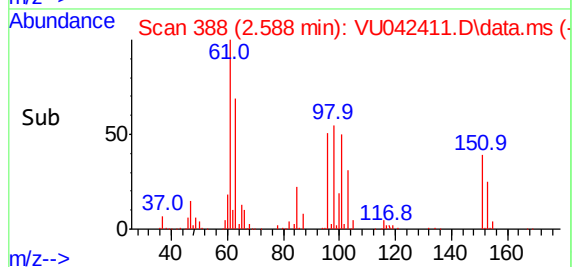
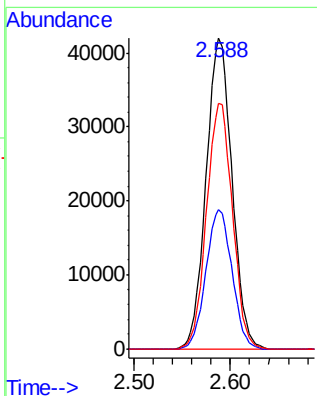
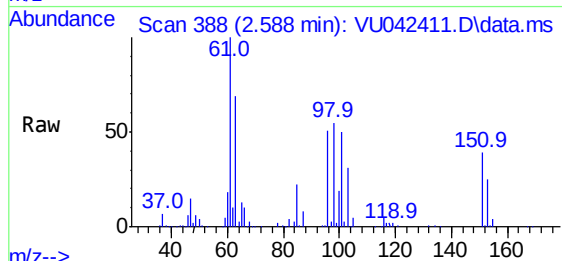


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 50.72 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU042411.D
 Acq: 23 Feb 2021 10:47

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050162

Tgt Ion:101 Resp: 78235

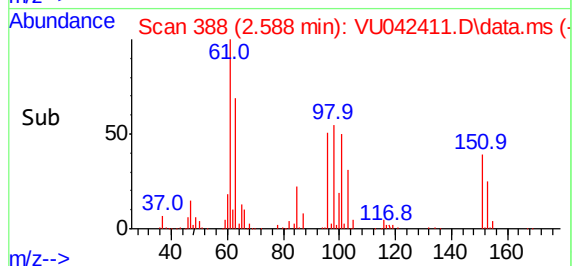
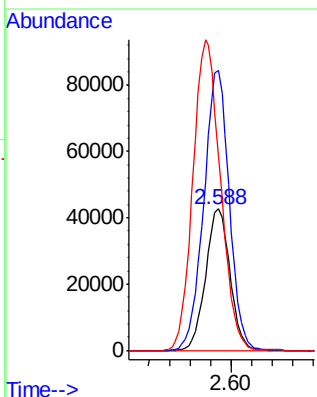
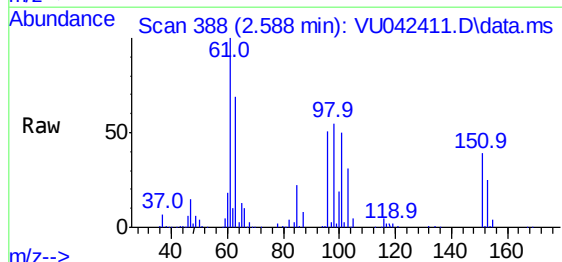
Ion	Ratio	Lower	Upper
101	100		
85	45.0	36.7	55.1
151	79.2	62.9	94.3

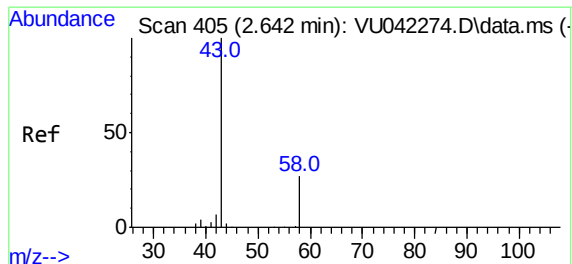


#12
 1,1-Dichloroethene
 Concen: 49.44 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU042411.D
 Acq: 23 Feb 2021 10:47

Tgt Ion: 96 Resp: 69827

Ion	Ratio	Lower	Upper
96	100		
61	197.9	131.6	244.4
63	137.4	92.6	172.0

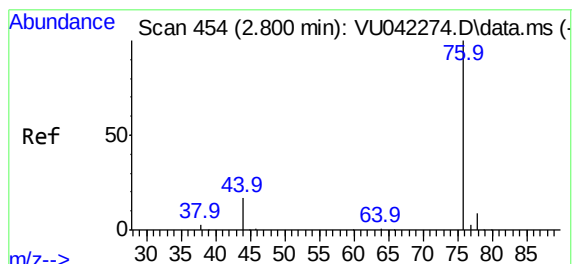
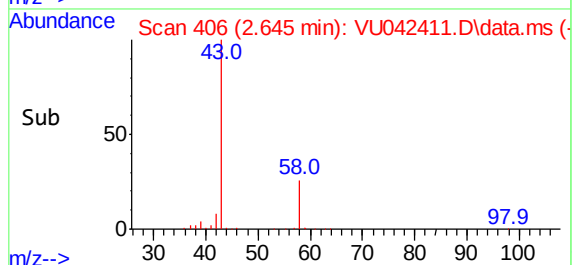
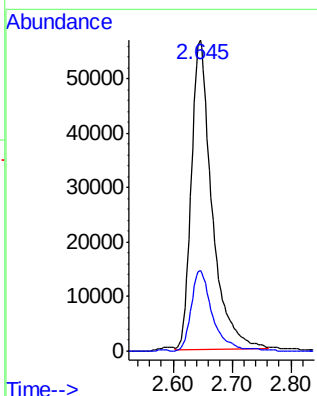
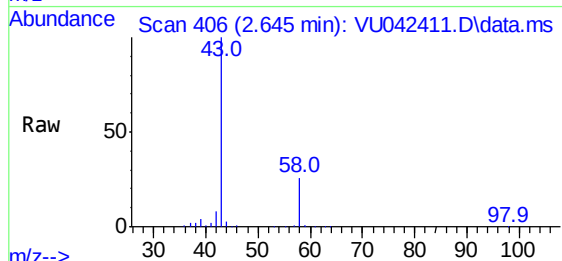




#13
Acetone
Concen: 90.44 ug/L
RT: 2.645 min Scan# 406
Delta R.T. 0.003 min
Lab File: VU042411.D
Acq: 23 Feb 2021 10:47

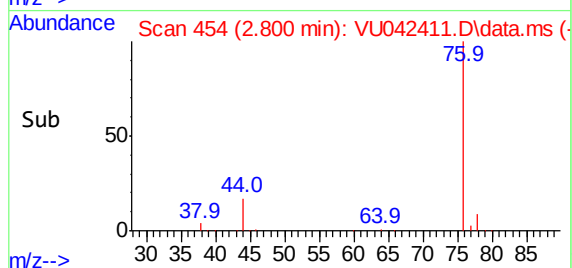
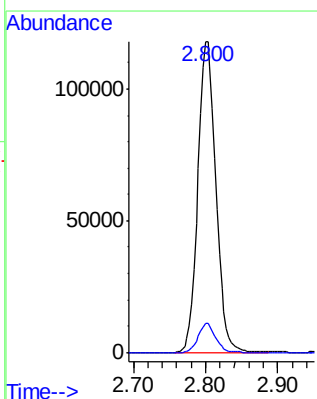
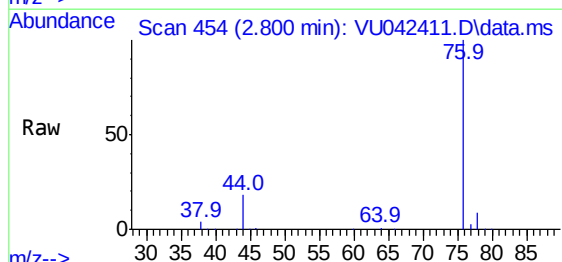
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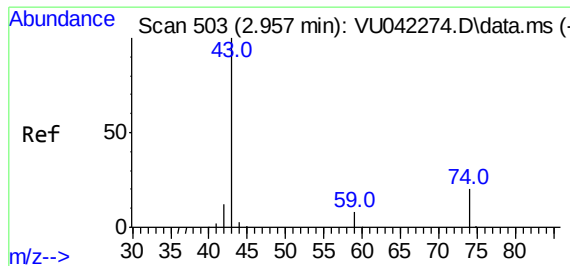
Tgt Ion: 43 Resp: 139943
Ion Ratio Lower Upper
43 100
58 26.2 0.0 54.0



#14
Carbon disulfide
Concen: 48.14 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
Lab File: VU042411.D
Acq: 23 Feb 2021 10:47

Tgt Ion: 76 Resp: 204699
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0

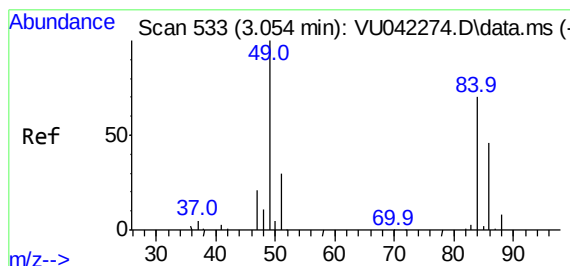
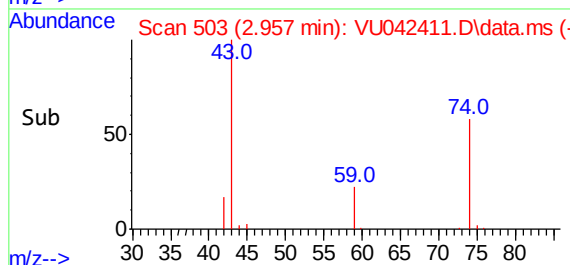
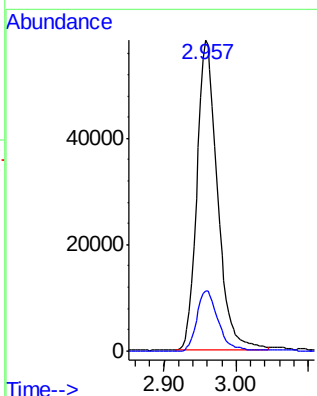
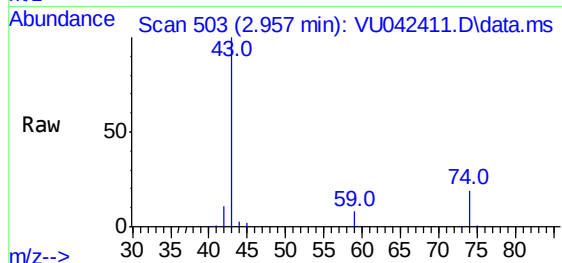




#15
Methyl Acetate
Concen: 48.56 ug/L
RT: 2.957 min Scan# 503
Delta R.T. -0.000 min
Lab File: VU042411.D
Acq: 23 Feb 2021 10:47

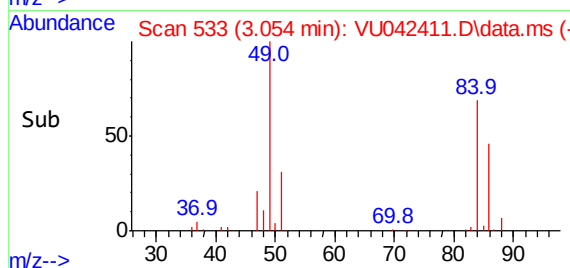
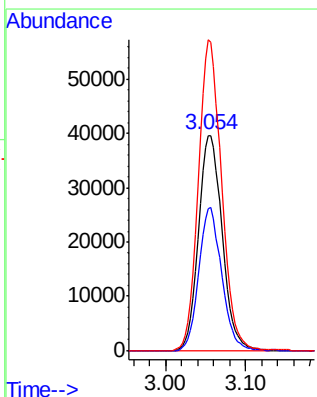
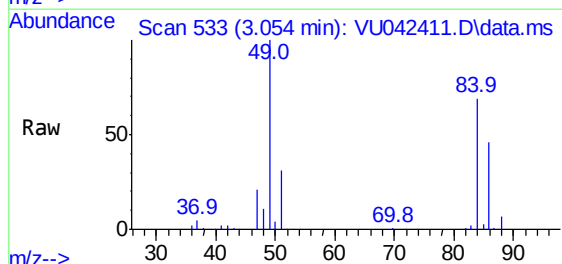
Instrument :
MSVOA_V
ClientSampleId :
VSTD050162

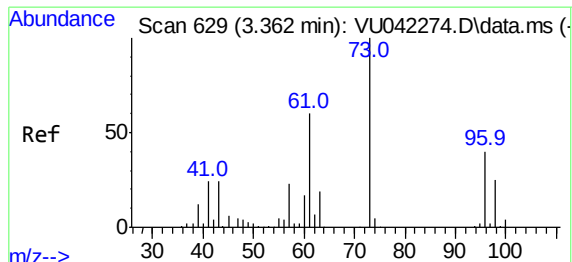
Tgt Ion: 43 Resp: 115560
Ion Ratio Lower Upper
43 100
74 19.7 15.8 23.6



#16
Methylene chloride
Concen: 49.32 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU042411.D
Acq: 23 Feb 2021 10:47

Tgt Ion: 84 Resp: 78773
Ion Ratio Lower Upper
84 100
86 66.0 46.0 85.4
49 144.3 99.5 184.9

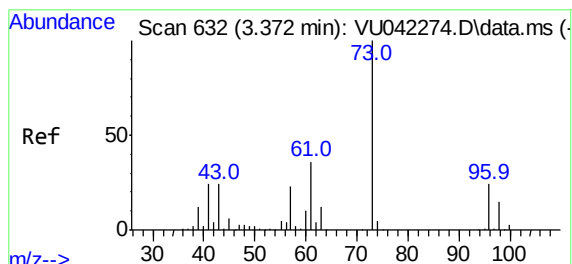
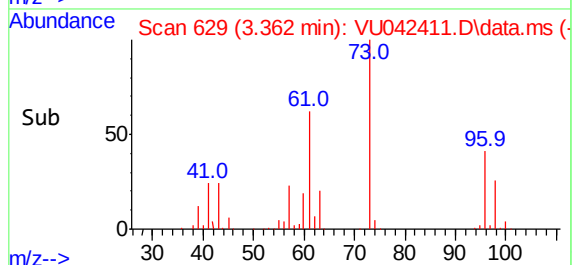
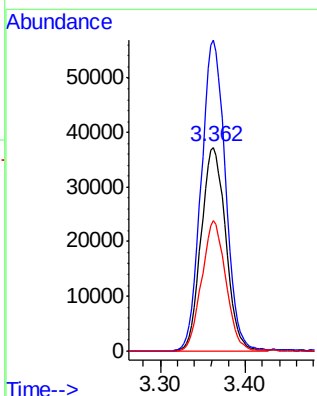
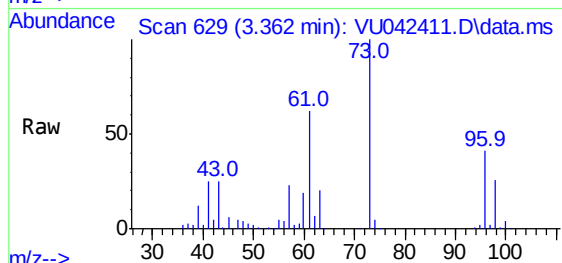




#17
trans-1,2-Dichloroethene
Concen: 50.60 ug/L
RT: 3.362 min Scan# 629
Delta R.T. 0.000 min
Lab File: VU042411.D
Acq: 23 Feb 2021 10:47

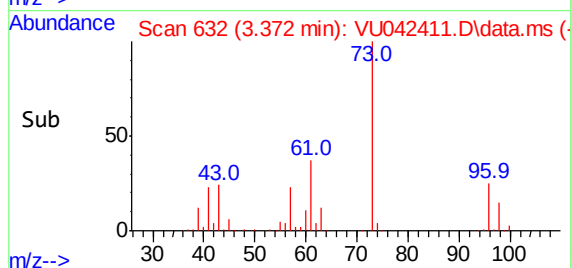
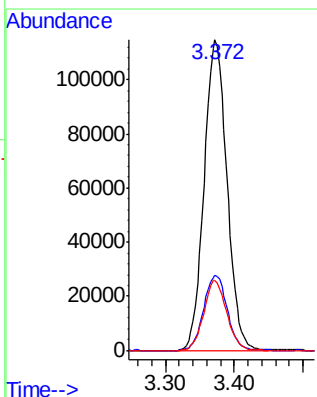
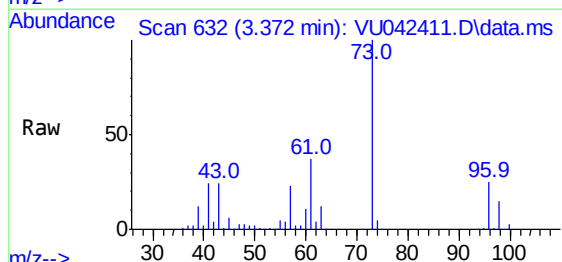
Instrument :
MSVOA_V
ClientSampleId :
VSTD050162

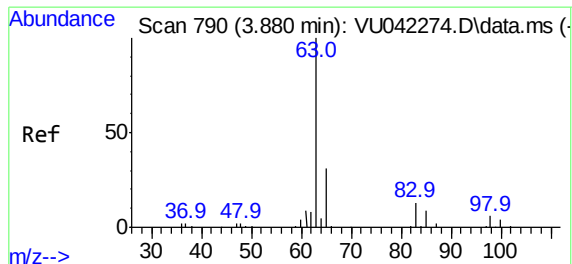
Tgt Ion: 96 Resp: 74462
Ion Ratio Lower Upper
96 100
61 152.7 104.6 194.2
98 64.0 44.4 82.4



#18
Methyl tert-butyl Ether
Concen: 49.97 ug/L
RT: 3.372 min Scan# 632
Delta R.T. 0.000 min
Lab File: VU042411.D
Acq: 23 Feb 2021 10:47

Tgt Ion: 73 Resp: 264570
Ion Ratio Lower Upper
73 100
43 24.8 19.4 29.0
57 22.5 18.2 27.2

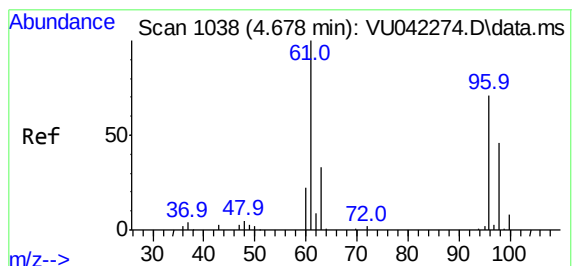
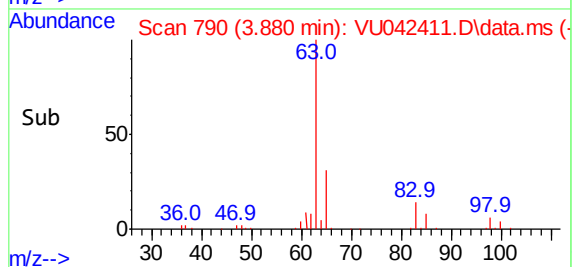
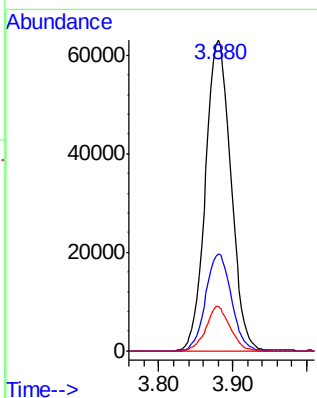
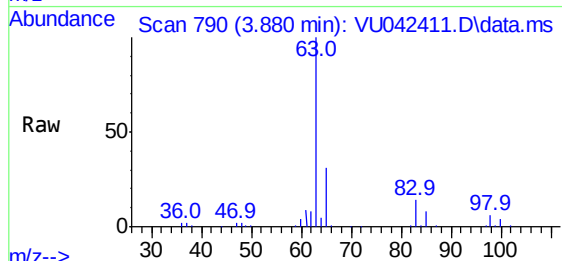




#19
1,1-Dichloroethane
Concen: 49.31 ug/L
RT: 3.880 min Scan# 790
Delta R.T. 0.000 min
Lab File: VU042411.D
Acq: 23 Feb 2021 10:47

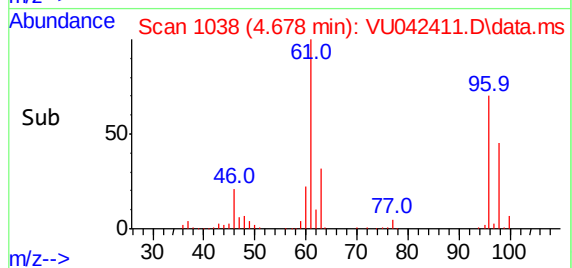
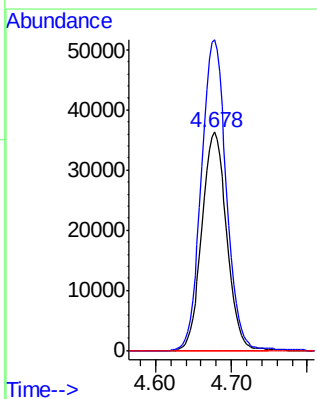
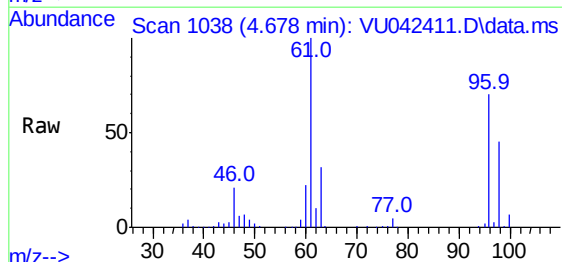
Instrument :
MSVOA_V
ClientSampleId :
VSTD050162

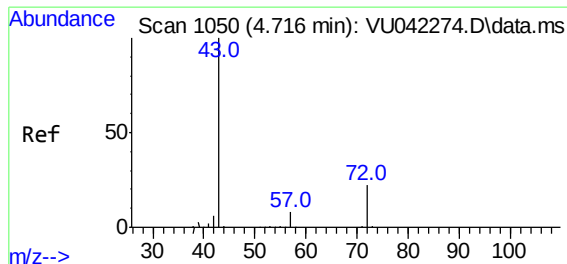
Tgt Ion: 63 Resp: 150375
Ion Ratio Lower Upper
63 100
65 31.3 21.8 40.4
83 14.3 9.1 16.9



#20
cis-1,2-Dichloroethene
Concen: 49.58 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VU042411.D
Acq: 23 Feb 2021 10:47

Tgt Ion: 96 Resp: 82002
Ion Ratio Lower Upper
96 100
61 142.2 98.6 183.0
68 0.0 0.0 0.0

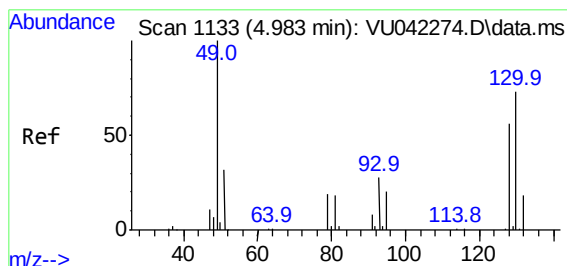
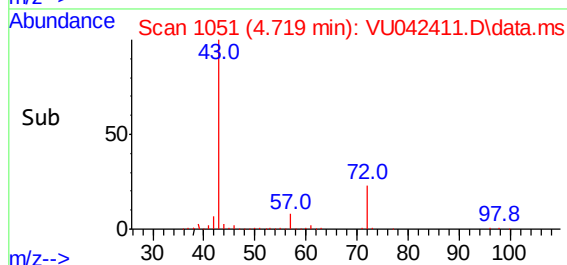
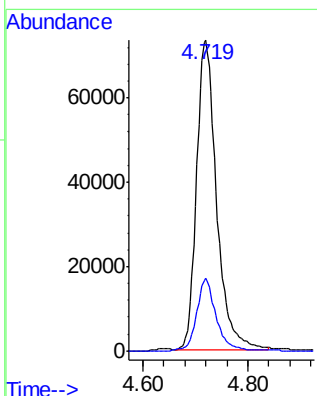
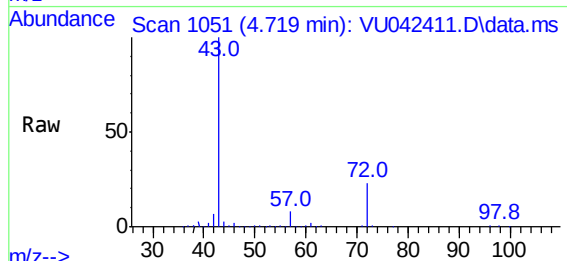




#22
2-Butanone
Concen: 95.77 ug/L
RT: 4.719 min Scan# 1051
Delta R.T. 0.003 min
Lab File: VU042411.D
Acq: 23 Feb 2021 10:47

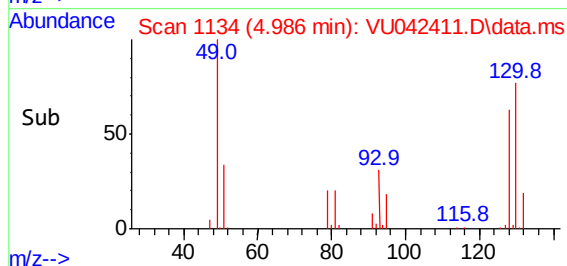
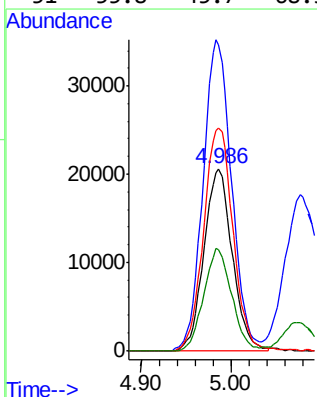
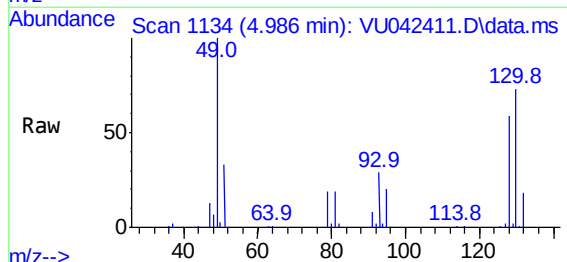
Instrument :
MSVOA_V
ClientSampleId :
VSTD050162

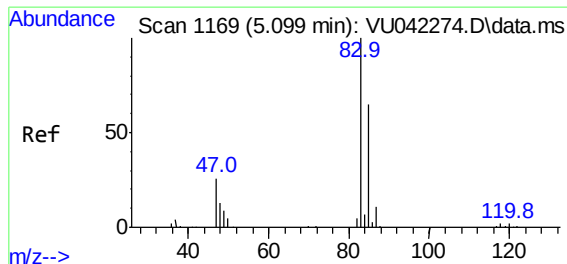
Tgt Ion: 43 Resp: 191909
Ion Ratio Lower Upper
43 100
72 22.6 11.7 35.1



#23
Bromochloromethane
Concen: 50.63 ug/L
RT: 4.986 min Scan# 1134
Delta R.T. 0.003 min
Lab File: VU042411.D
Acq: 23 Feb 2021 10:47

Tgt Ion: 128 Resp: 44464
Ion Ratio Lower Upper
128 100
49 168.1 125.9 233.9
130 122.8 91.7 170.3
51 55.8 45.7 68.5

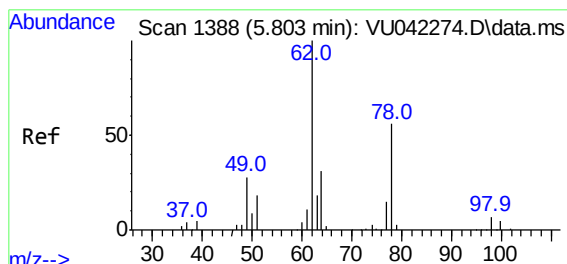
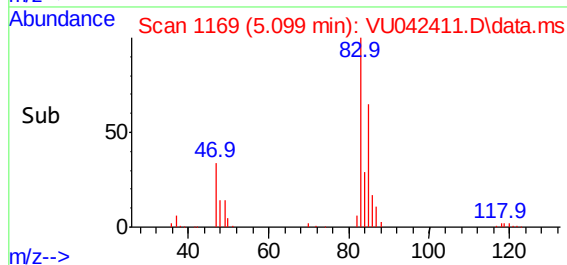
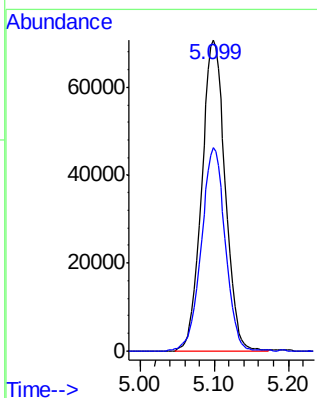
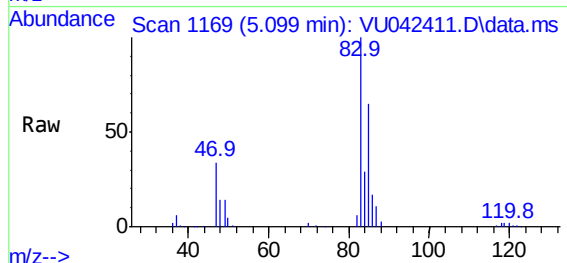




#25
Chloroform
Concen: 50.13 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU042411.D
Acq: 23 Feb 2021 10:47

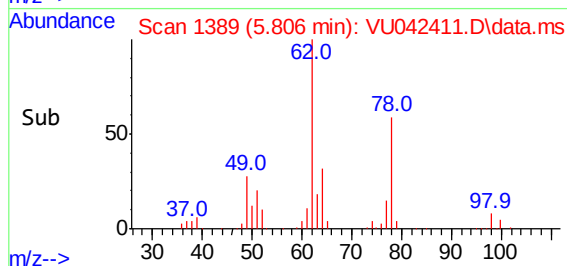
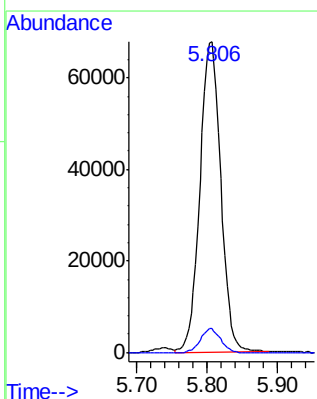
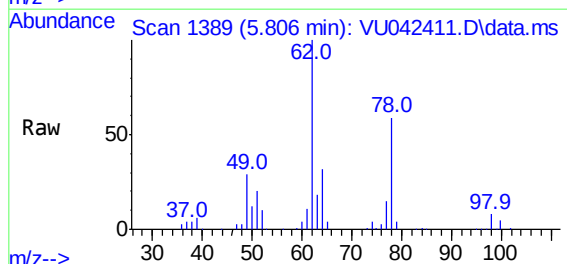
Instrument :
MSVOA_V
ClientSampleId :
VSTD050162

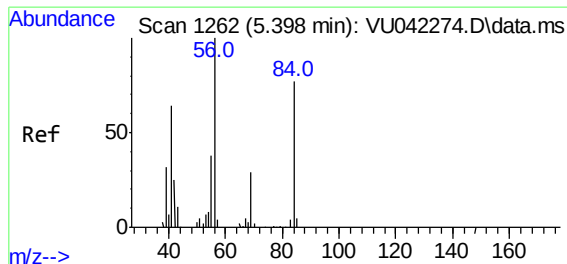
Tgt Ion: 83 Resp: 155142
Ion Ratio Lower Upper
83 100
85 65.5 46.1 85.5



#27
1,2-Dichloroethane
Concen: 50.81 ug/L
RT: 5.806 min Scan# 1389
Delta R.T. 0.003 min
Lab File: VU042411.D
Acq: 23 Feb 2021 10:47

Tgt Ion: 62 Resp: 139031
Ion Ratio Lower Upper
62 100
98 7.6 5.8 8.8

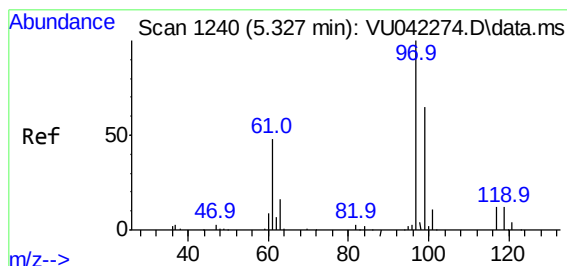
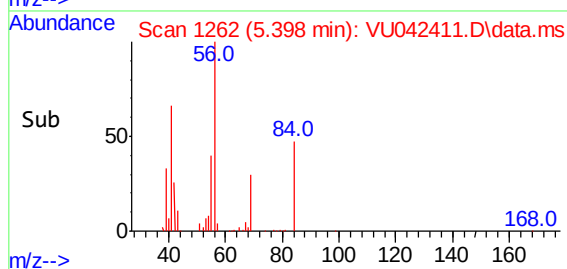
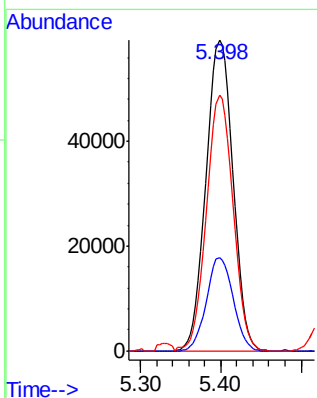
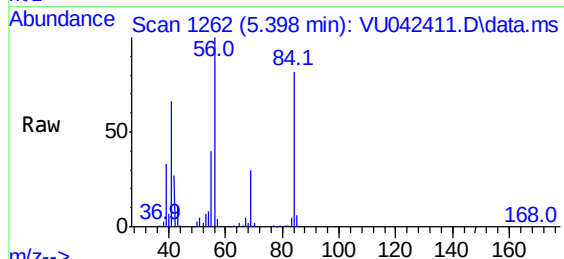




#29
Cyclohexane
Concen: 47.88 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VU042411.D
Acq: 23 Feb 2021 10:47

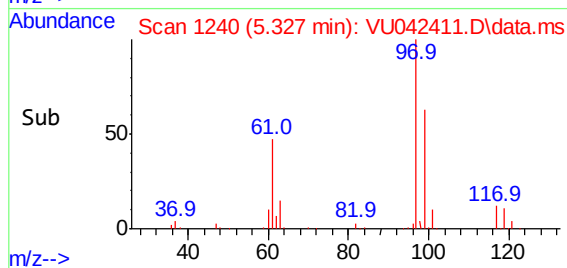
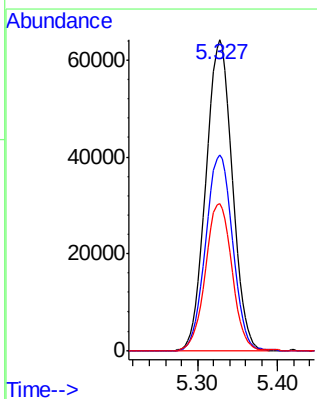
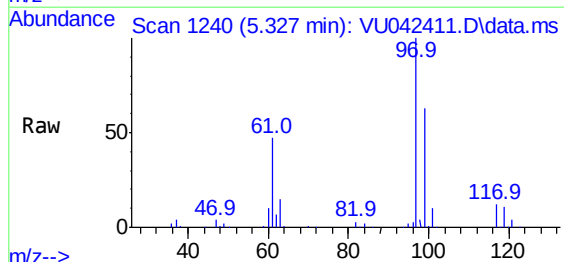
Instrument :
MSVOA_V
ClientSampleId :
VSTD050162

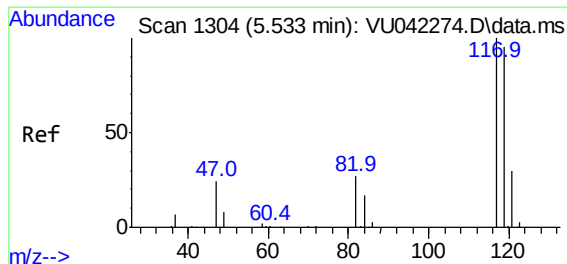
Tgt Ion: 56 Resp: 134479
Ion Ratio Lower Upper
56 100
69 29.4 23.5 35.3
84 81.0 64.2 96.2



#30
1,1,1-Trichloroethane
Concen: 49.21 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VU042411.D
Acq: 23 Feb 2021 10:47

Tgt Ion: 97 Resp: 141943
Ion Ratio Lower Upper
97 100
99 64.4 51.3 76.9
61 47.3 37.7 56.5

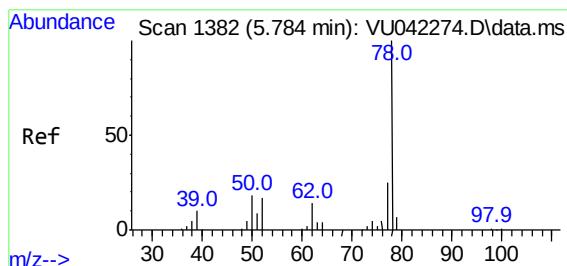
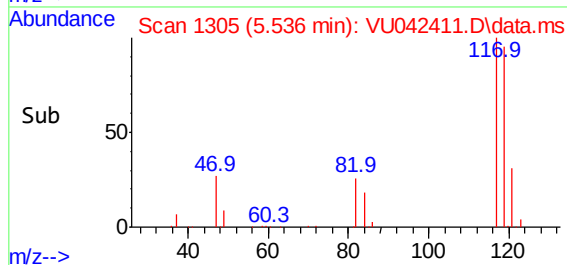
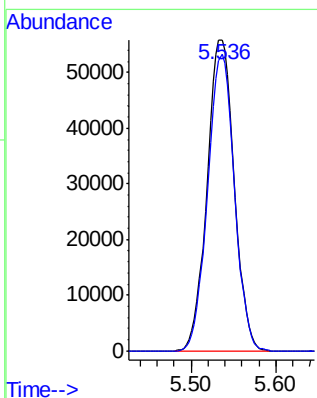
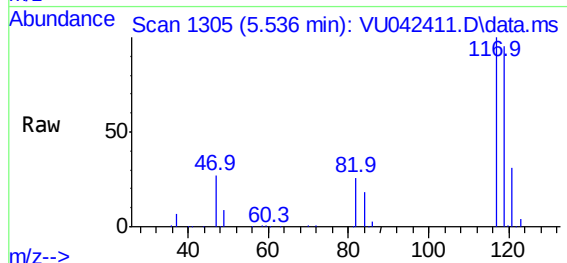




#31
Carbon tetrachloride
Concen: 49.67 ug/L
RT: 5.536 min Scan# 1305
Delta R.T. 0.003 min
Lab File: VU042411.D
Acq: 23 Feb 2021 10:47

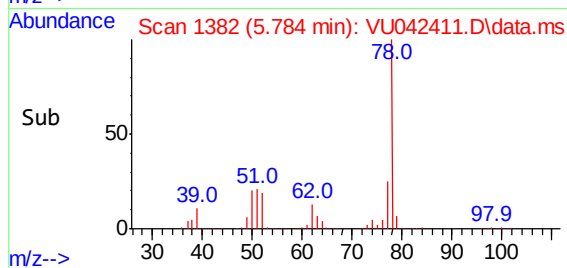
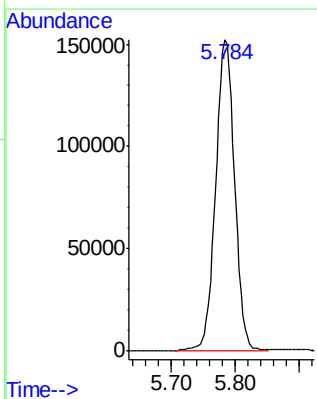
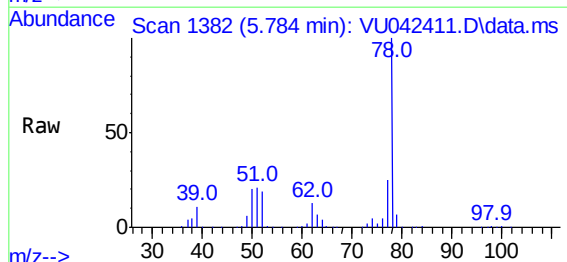
Instrument :
MSVOA_V
ClientSampleId :
VSTD050162

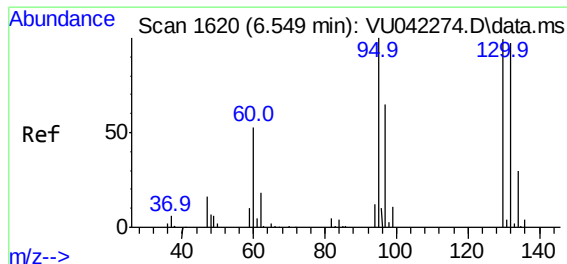
Tgt Ion:117 Resp: 123231
Ion Ratio Lower Upper
117 100
119 94.5 77.5 116.3



#33
Benzene
Concen: 48.44 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VU042411.D
Acq: 23 Feb 2021 10:47

Tgt Ion: 78 Resp: 312224

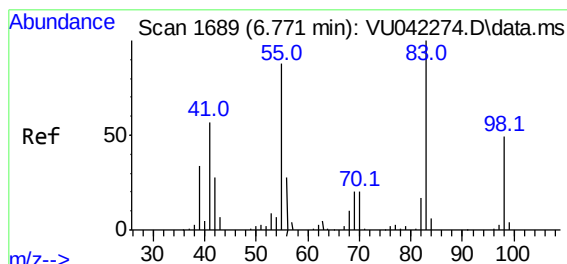
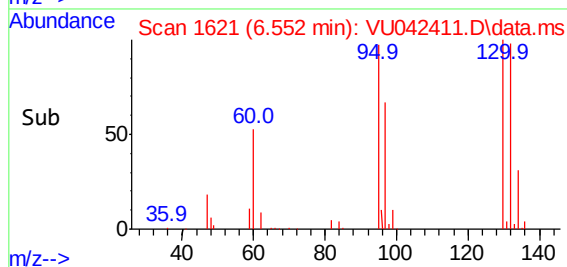
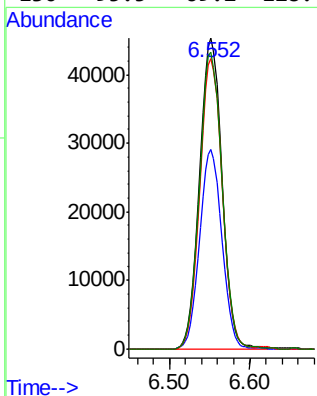
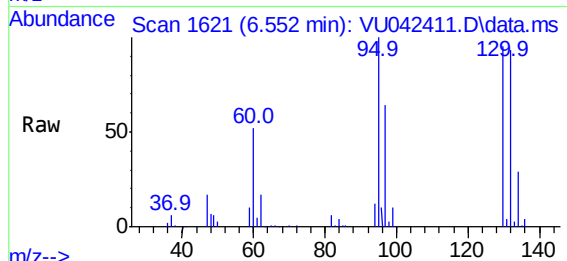




#34
Trichloroethene
Concen: 50.15 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.003 min
Lab File: VU042411.D
Acq: 23 Feb 2021 10:47

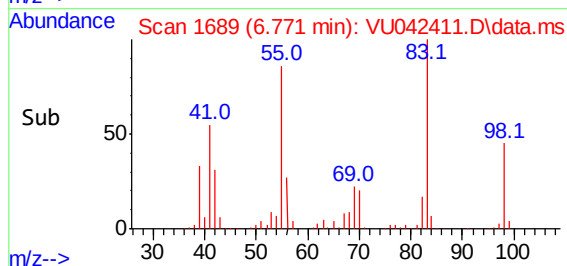
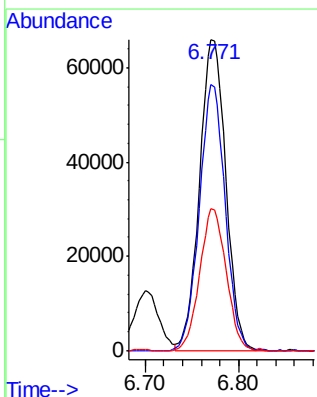
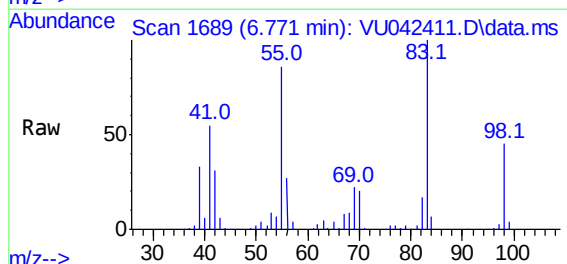
Instrument :
MSVOA_V
ClientSampleId :
VSTD050162

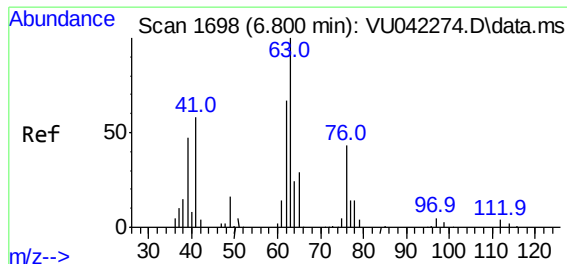
Tgt Ion: 95 Resp: 84694
Ion Ratio Lower Upper
95 100
97 64.1 45.3 84.1
132 93.4 67.5 125.4
130 95.5 69.2 128.4



#35
Methylcyclohexane
Concen: 49.76 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VU042411.D
Acq: 23 Feb 2021 10:47

Tgt Ion: 83 Resp: 129476
Ion Ratio Lower Upper
83 100
55 83.9 68.6 102.8
98 45.7 37.6 56.4

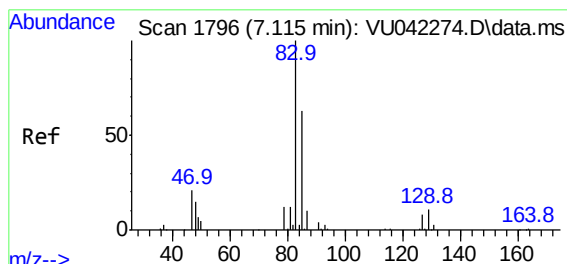
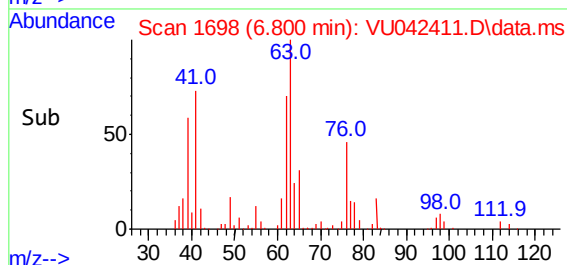
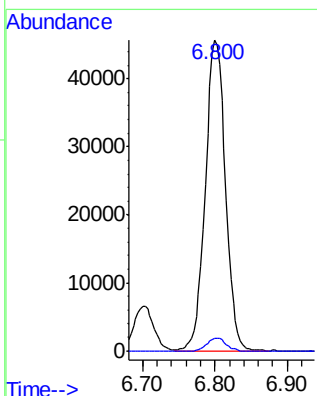
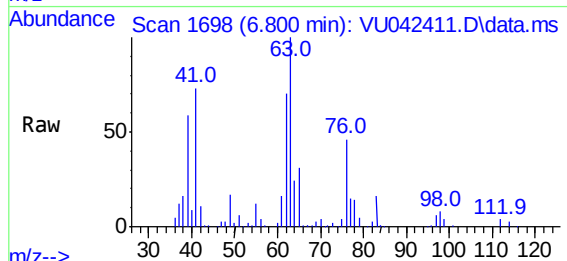




#37
1,2-Dichloropropane
Concen: 48.93 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VU042411.D
Acq: 23 Feb 2021 10:47

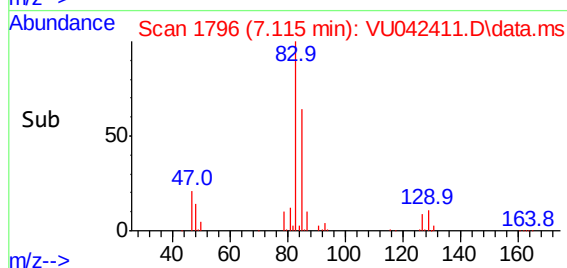
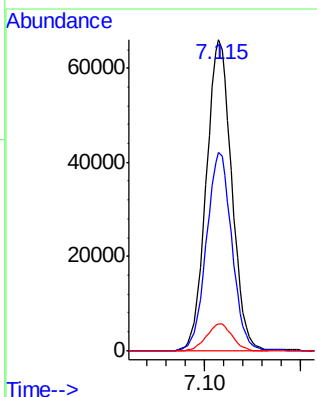
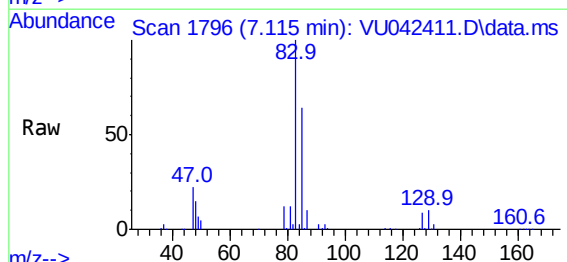
Instrument :
MSVOA_V
ClientSampleId :
VSTD050162

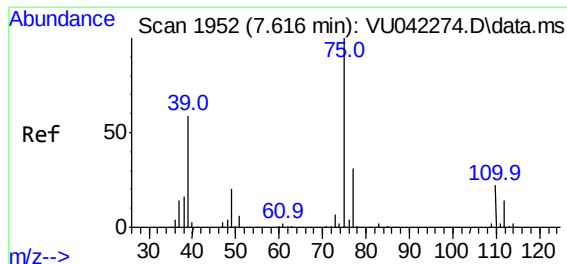
Tgt Ion: 63 Resp: 88301
Ion Ratio Lower Upper
63 100
112 3.9 3.0 4.4



#38
Bromodichloromethane
Concen: 49.53 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VU042411.D
Acq: 23 Feb 2021 10:47

Tgt Ion: 83 Resp: 120140
Ion Ratio Lower Upper
83 100
85 63.9 43.8 81.4
127 8.7 6.8 10.2

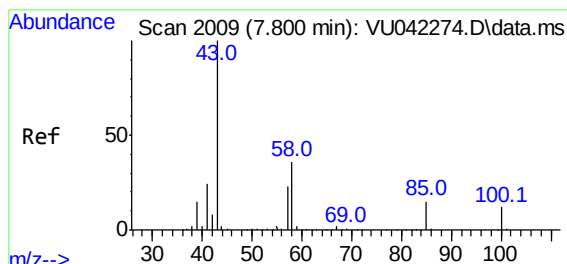
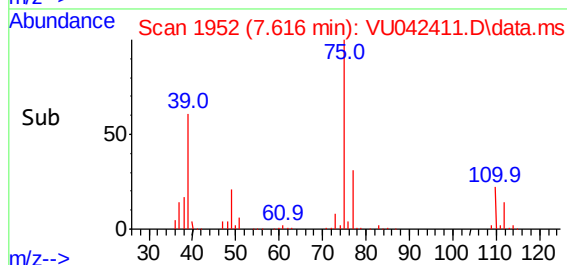
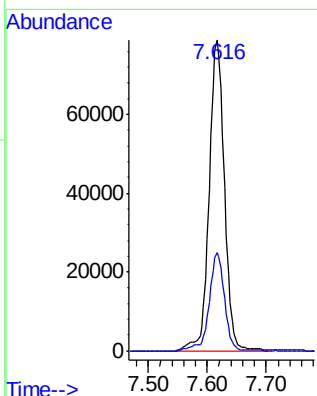
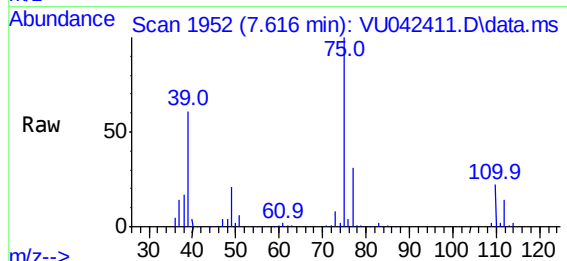




#39
cis-1,3-Dichloropropene
Concen: 49.92 ug/L
RT: 7.616 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VU042411.D
Acq: 23 Feb 2021 10:47

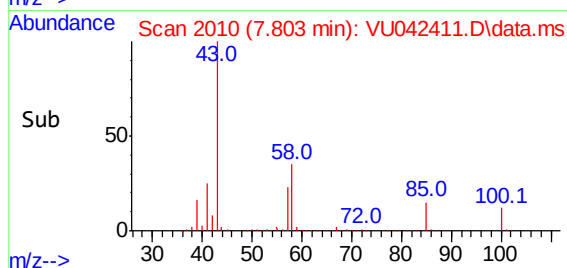
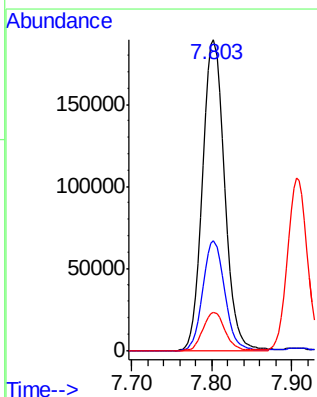
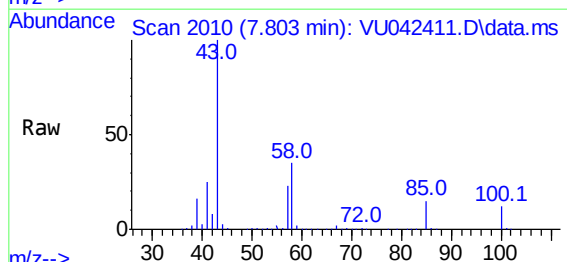
Instrument :
MSVOA_V
ClientSampleId :
VSTD050162

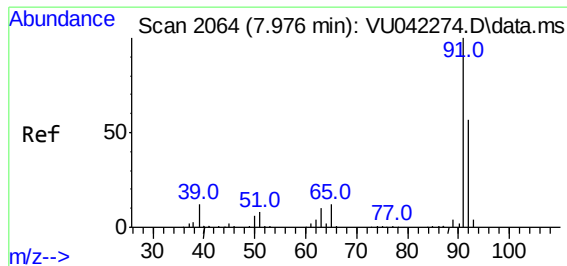
Tgt Ion: 75 Resp: 140304
Ion Ratio Lower Upper
75 100
77 31.5 21.7 40.3



#40
4-Methyl-2-pentanone
Concen: 97.39 ug/L
RT: 7.803 min Scan# 2010
Delta R.T. 0.003 min
Lab File: VU042411.D
Acq: 23 Feb 2021 10:47

Tgt Ion: 43 Resp: 347040
Ion Ratio Lower Upper
43 100
58 35.0 28.7 43.1
100 12.2 9.7 14.5

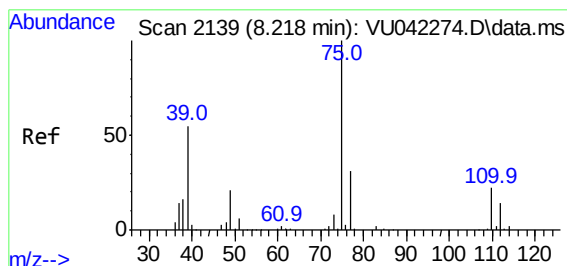
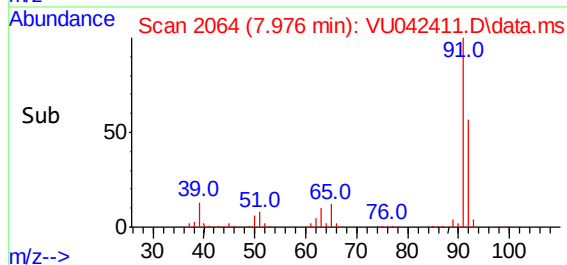
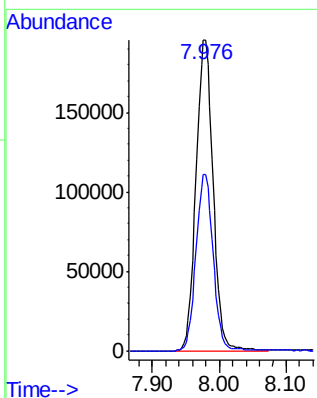
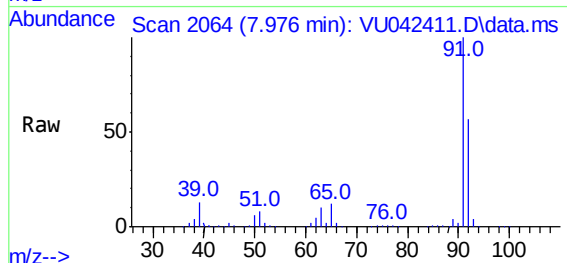




#42
Toluene
Concen: 49.97 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU042411.D
Acq: 23 Feb 2021 10:47

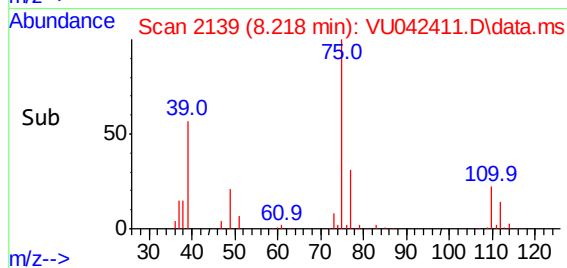
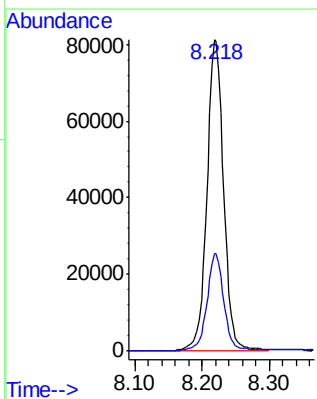
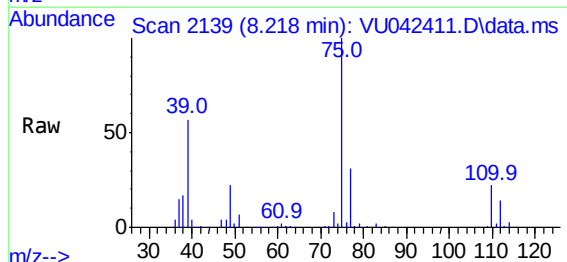
Instrument :
MSVOA_V
ClientSampleId :
VSTD050162

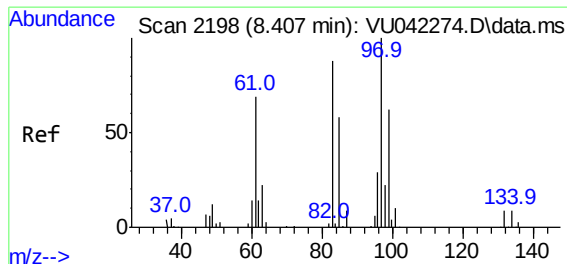
Tgt Ion: 91 Resp: 344103
Ion Ratio Lower Upper
91 100
92 56.8 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 50.58 ug/L
RT: 8.218 min Scan# 2139
Delta R.T. -0.000 min
Lab File: VU042411.D
Acq: 23 Feb 2021 10:47

Tgt Ion: 75 Resp: 140044
Ion Ratio Lower Upper
75 100
77 31.1 21.6 40.2



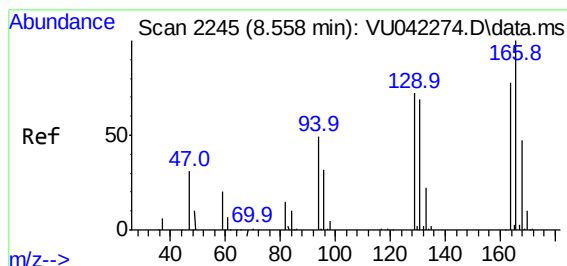
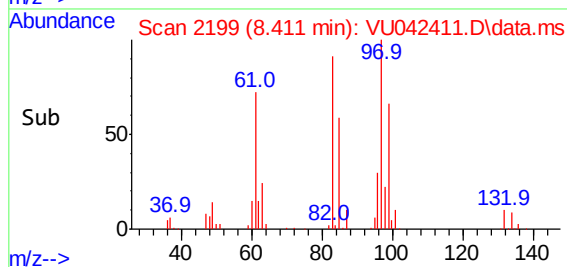
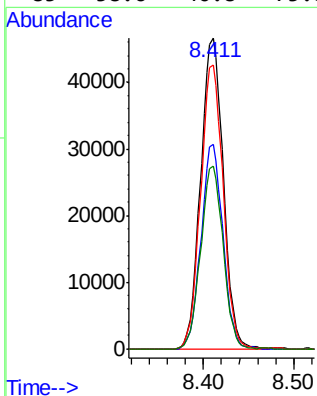
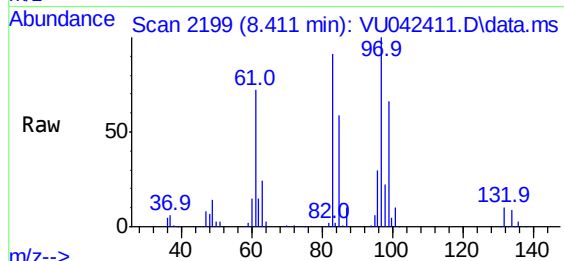


#45
1,1,2-Trichloroethane
Concen: 48.73 ug/L
RT: 8.411 min Scan# 2199
Delta R.T. 0.003 min
Lab File: VU042411.D
Acq: 23 Feb 2021 10:47

Instrument :
MSVOA_V
ClientSampleId :
VSTD050162

Tgt Ion: 97 Resp: 80667

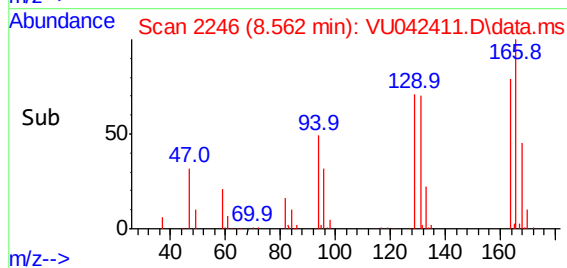
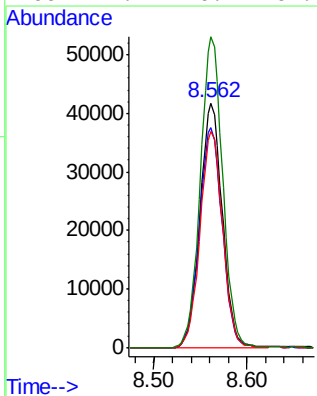
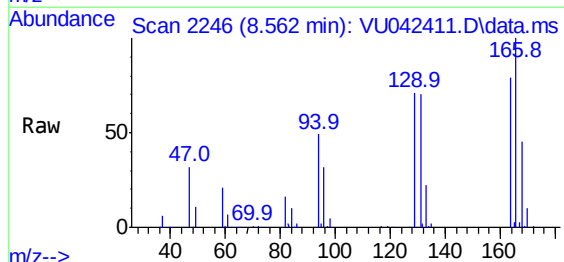
Ion	Ratio	Lower	Upper
97	100		
99	65.9	43.7	81.1
83	91.3	61.7	114.7
85	58.6	40.8	75.8

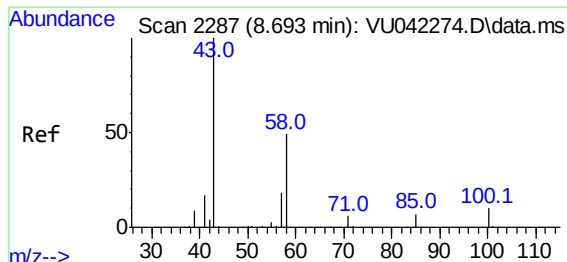


#46
Tetrachloroethene
Concen: 52.18 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.003 min
Lab File: VU042411.D
Acq: 23 Feb 2021 10:47

Tgt Ion: 164 Resp: 69631

Ion	Ratio	Lower	Upper
164	100		
129	89.7	65.2	121.2
131	88.5	62.4	115.8
166	127.2	90.2	167.6



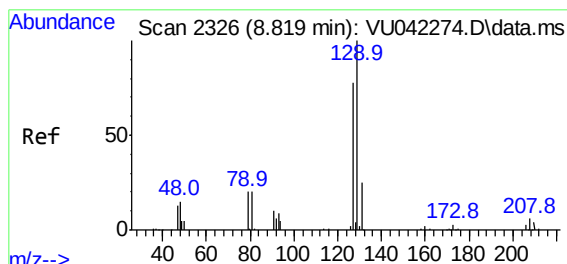
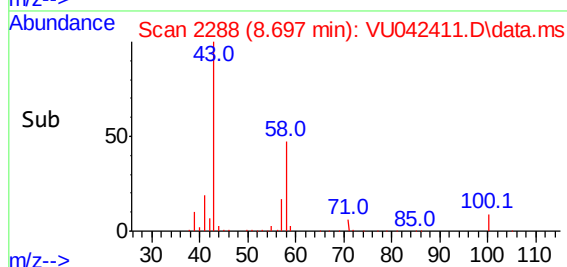
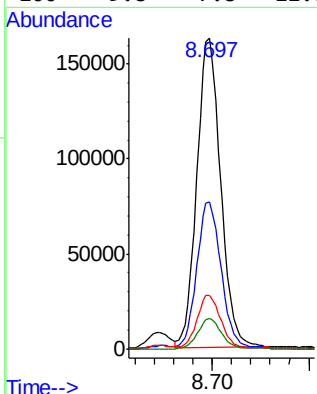
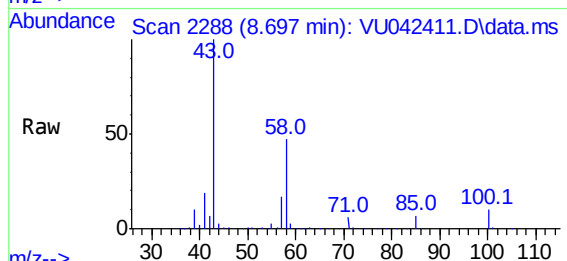


#48
2-Hexanone
Concen: 96.65 ug/L
RT: 8.697 min Scan# 2288
Delta R.T. 0.003 min
Lab File: VU042411.D
Acq: 23 Feb 2021 10:47

Instrument :
MSVOA_V
ClientSampleId :
VSTD050162

Tgt Ion: 43 Resp: 278822

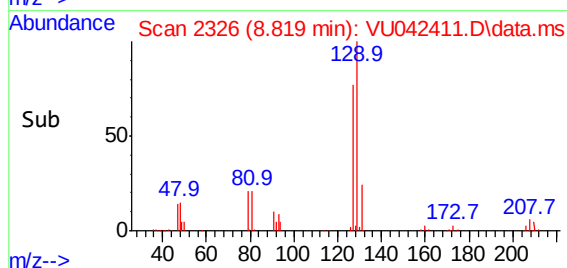
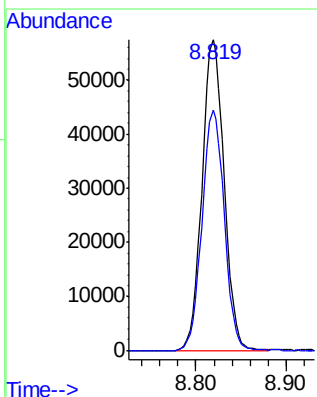
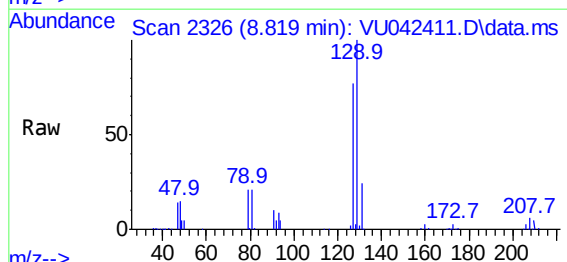
Ion	Ratio	Lower	Upper
43	100		
58	48.9	39.2	58.8
57	17.7	14.4	21.6
100	9.8	7.8	11.6

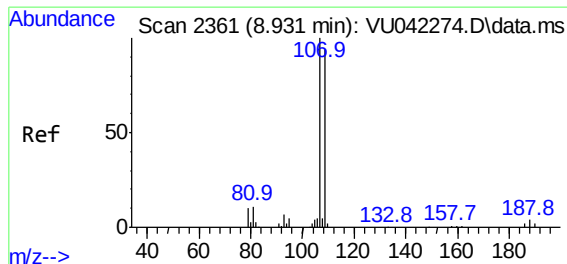


#49
Dibromochloromethane
Concen: 50.28 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VU042411.D
Acq: 23 Feb 2021 10:47

Tgt Ion: 129 Resp: 96944

Ion	Ratio	Lower	Upper
129	100		
127	77.2	54.7	101.7

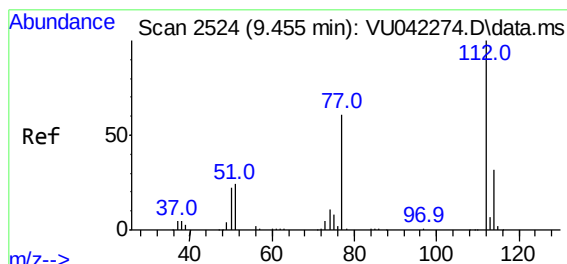
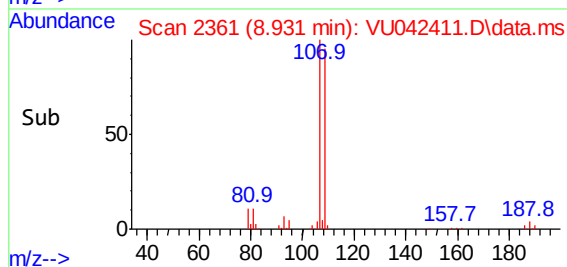
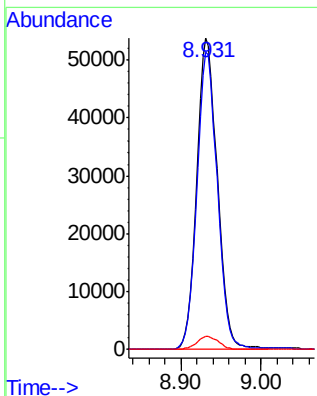
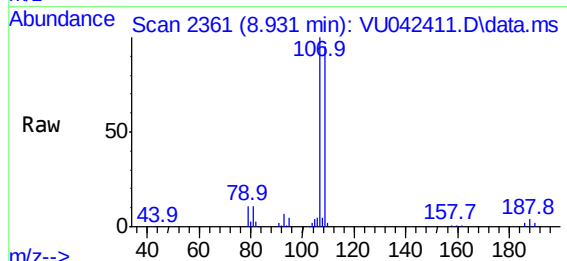




#50
1,2-Dibromoethane
Concen: 49.88 ug/L
RT: 8.931 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VU042411.D
Acq: 23 Feb 2021 10:47

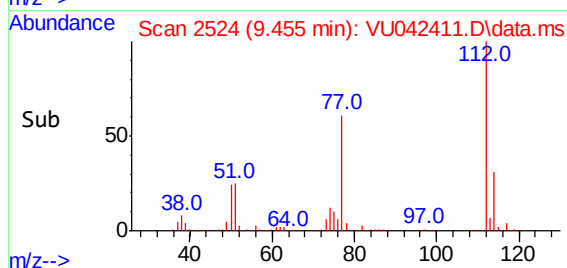
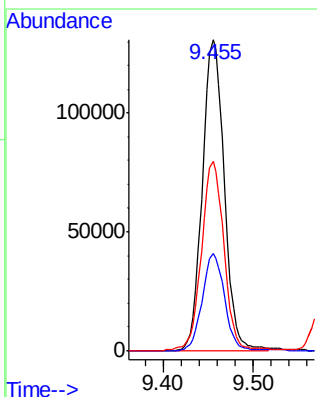
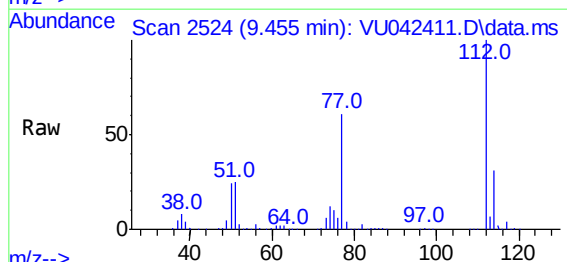
Instrument :
MSVOA_V
ClientSampleId :
VSTD050162

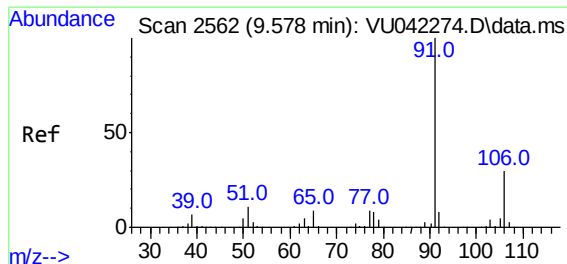
Tgt Ion:107 Resp: 92573
Ion Ratio Lower Upper
107 100
109 95.5 65.7 121.9
188 3.9 3.4 5.0



#51
Chlorobenzene
Concen: 50.07 ug/L
RT: 9.455 min Scan# 2524
Delta R.T. -0.000 min
Lab File: VU042411.D
Acq: 23 Feb 2021 10:47

Tgt Ion:112 Resp: 218798
Ion Ratio Lower Upper
112 100
114 31.0 22.7 42.1
77 60.8 49.4 74.2

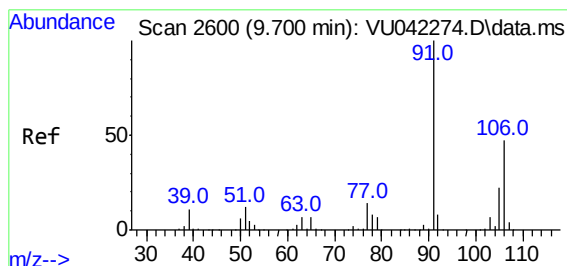
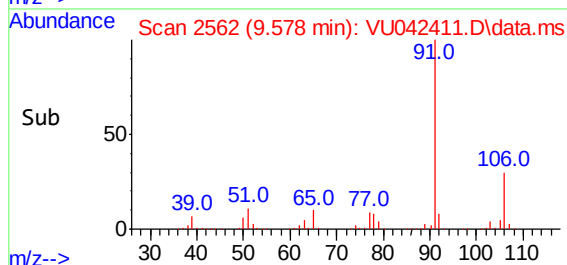
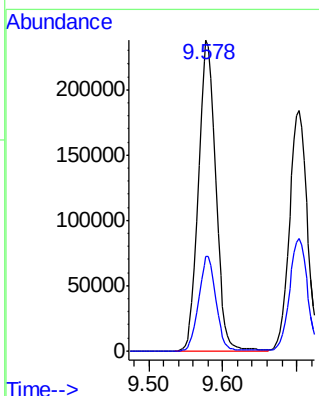
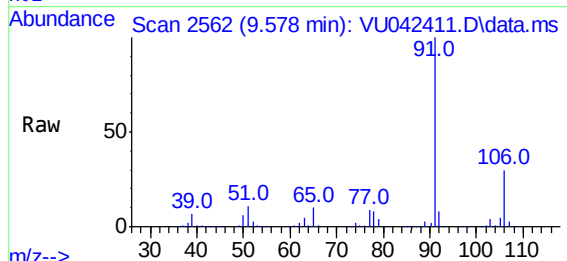




#52
Ethylbenzene
Concen: 50.71 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU042411.D
Acq: 23 Feb 2021 10:47

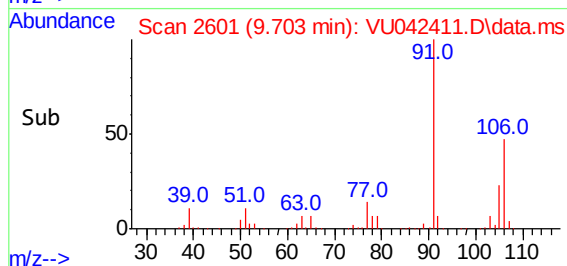
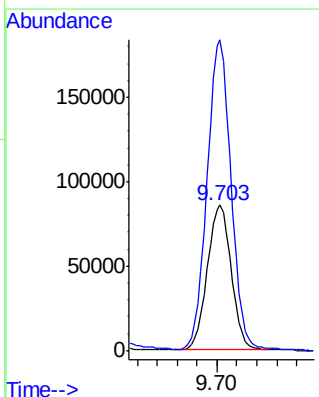
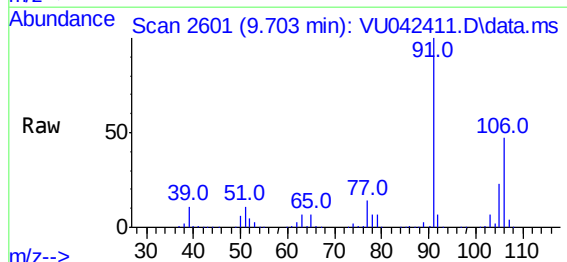
Instrument :
MSVOA_V
ClientSampleId :
VSTD050162

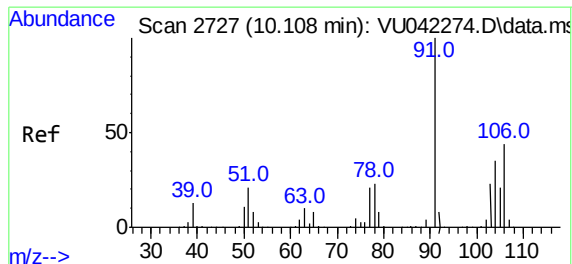
Tgt Ion: 91 Resp: 388845
Ion Ratio Lower Upper
91 100
106 30.2 20.8 38.6



#53
m,p-Xylene
Concen: 50.07 ug/L
RT: 9.703 min Scan# 2601
Delta R.T. 0.003 min
Lab File: VU042411.D
Acq: 23 Feb 2021 10:47

Tgt Ion: 106 Resp: 143106
Ion Ratio Lower Upper
106 100
91 214.0 149.7 277.9

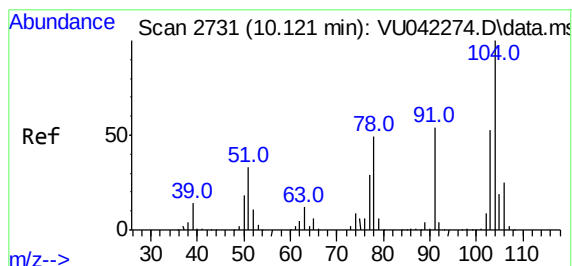
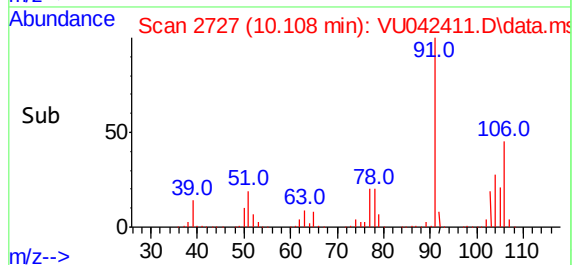
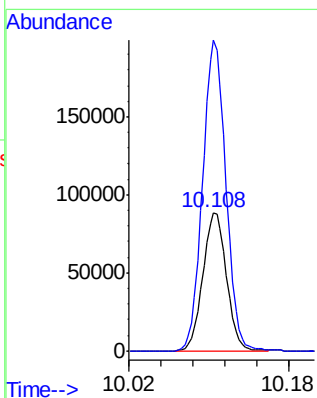
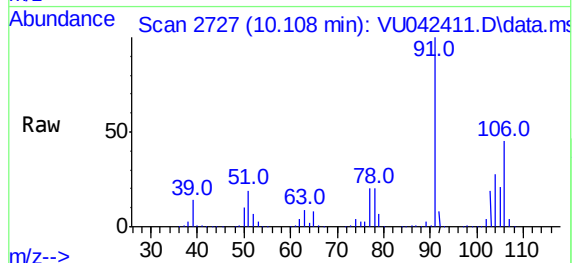




#54
o-xylene
Concen: 50.98 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. -0.000 min
Lab File: VU042411.D
Acq: 23 Feb 2021 10:47

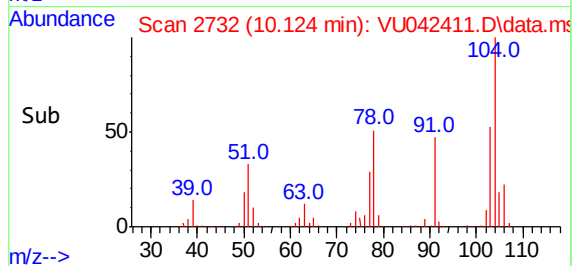
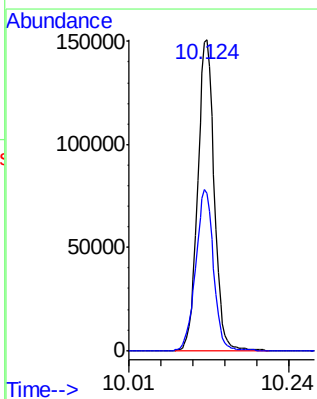
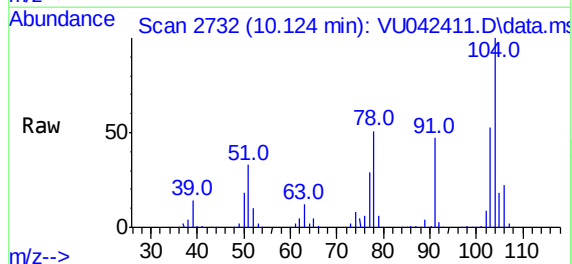
Instrument :
MSVOA_V
ClientSampleId :
VSTD050162

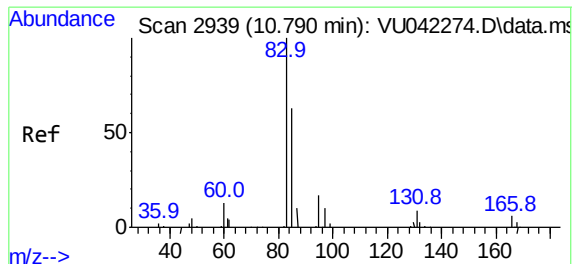
Tgt Ion:106 Resp: 144905
Ion Ratio Lower Upper
106 100
91 224.2 157.4 292.2



#55
Styrene
Concen: 50.00 ug/L
RT: 10.124 min Scan# 2732
Delta R.T. 0.003 min
Lab File: VU042411.D
Acq: 23 Feb 2021 10:47

Tgt Ion:104 Resp: 243003
Ion Ratio Lower Upper
104 100
78 50.6 34.4 64.0

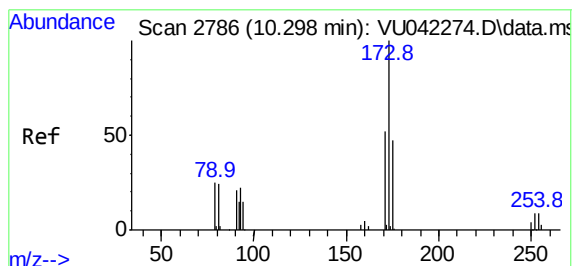
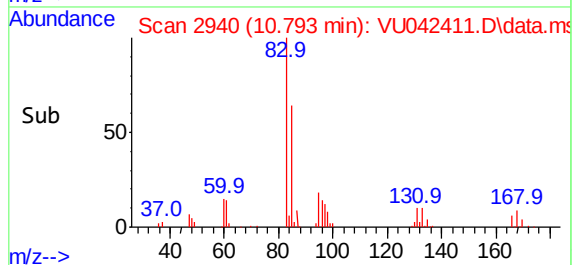
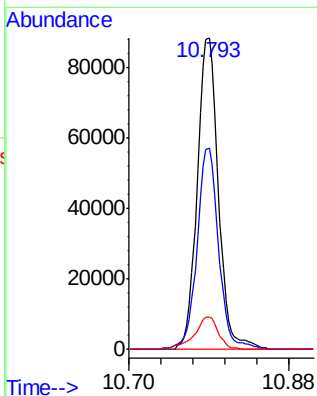
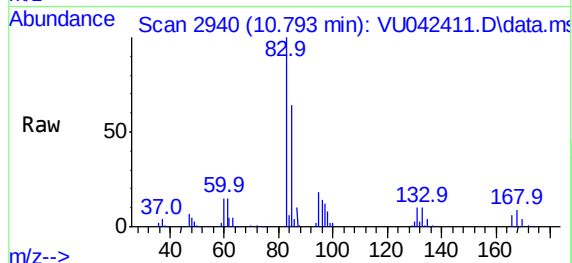




#57
1,1,2,2-Tetrachloroethane
Concen: 48.98 ug/L
RT: 10.793 min Scan# 2940
Delta R.T. 0.003 min
Lab File: VU042411.D
Acq: 23 Feb 2021 10:47

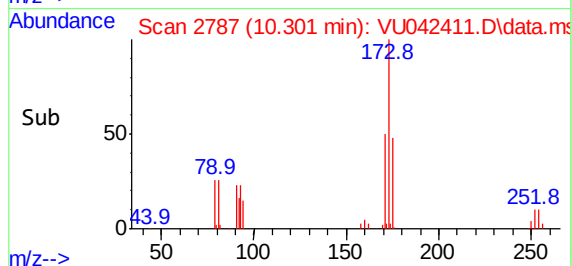
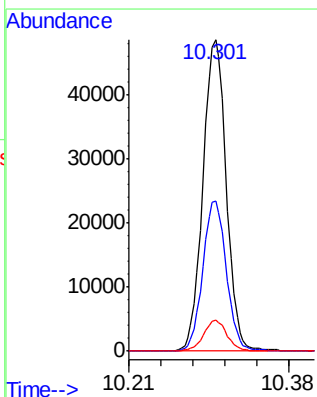
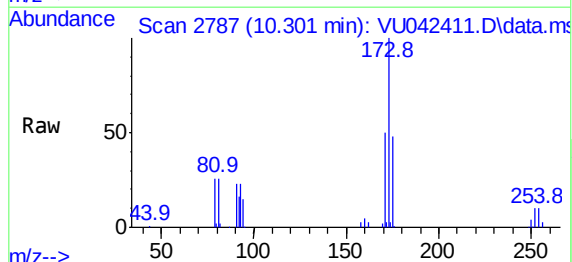
Instrument :
MSVOA_V
ClientSampleId :
VSTD050162

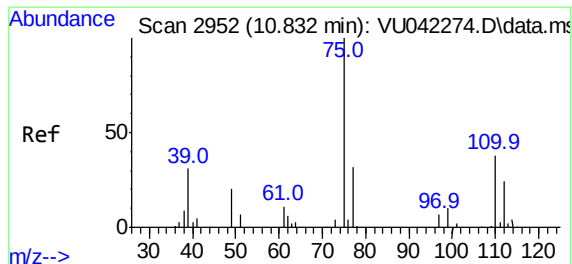
Tgt Ion: 83 Resp: 147569
Ion Ratio Lower Upper
83 100
85 64.4 45.4 84.2
131 10.4 8.1 12.1



#59
Bromoform
Concen: 48.88 ug/L
RT: 10.301 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VU042411.D
Acq: 23 Feb 2021 10:47

Tgt Ion: 173 Resp: 80991
Ion Ratio Lower Upper
173 100
175 48.5 39.0 58.4
254 9.6 7.4 11.0

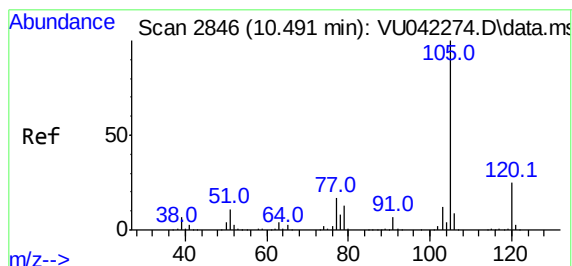
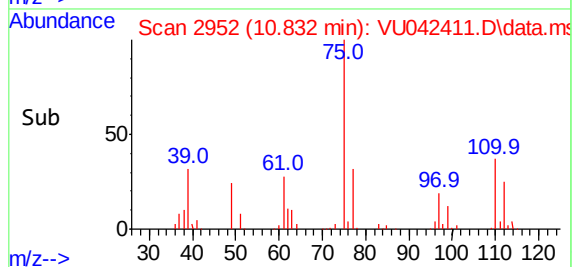
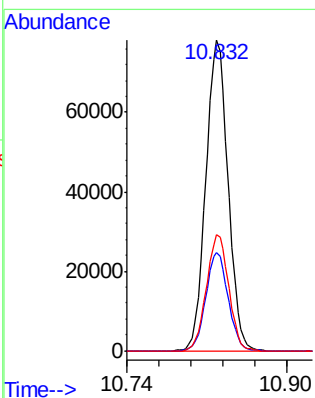
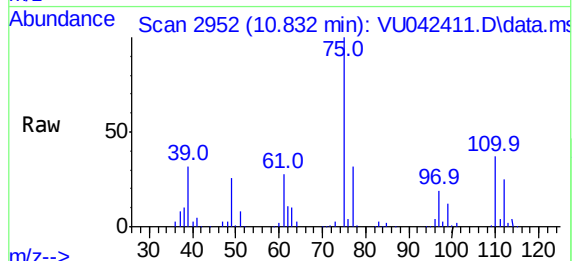




#60
1,2,3-Trichloropropane
Concen: 47.83 ug/L
RT: 10.832 min Scan# 2952
Delta R.T. -0.000 min
Lab File: VU042411.D
Acq: 23 Feb 2021 10:47

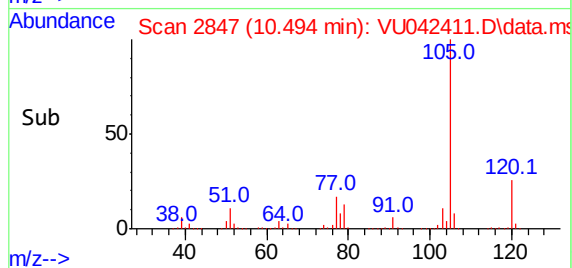
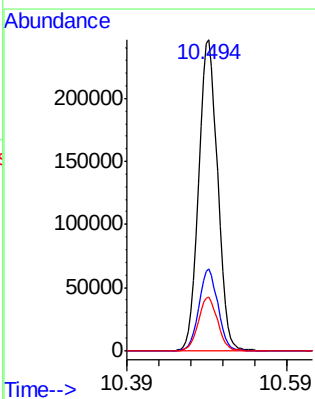
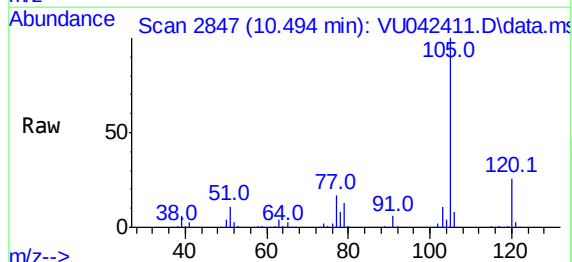
Instrument :
MSVOA_V
ClientSampleId :
VSTD050162

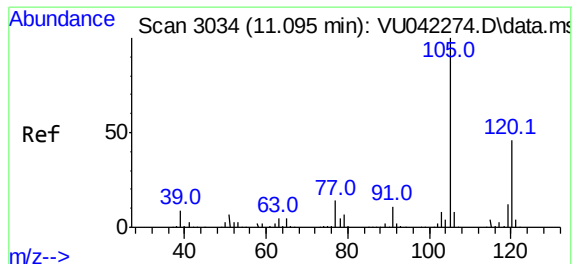
Tgt Ion: 75 Resp: 124546
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.2
110 37.5 30.3 45.5



#61
Isopropylbenzene
Concen: 49.58 ug/L
RT: 10.494 min Scan# 2847
Delta R.T. 0.003 min
Lab File: VU042411.D
Acq: 23 Feb 2021 10:47

Tgt Ion: 105 Resp: 389940
Ion Ratio Lower Upper
105 100
120 26.1 20.5 30.7
77 17.3 13.6 20.4

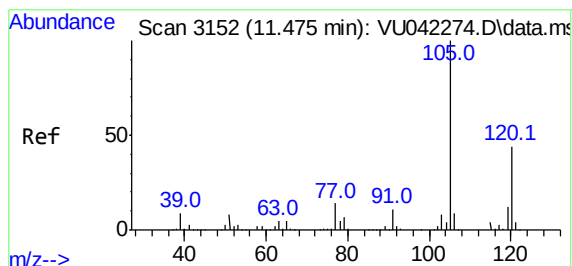
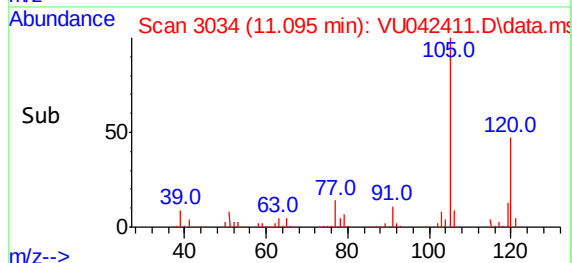
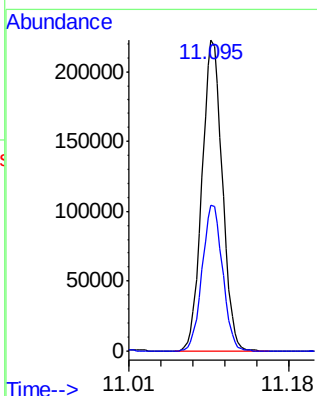
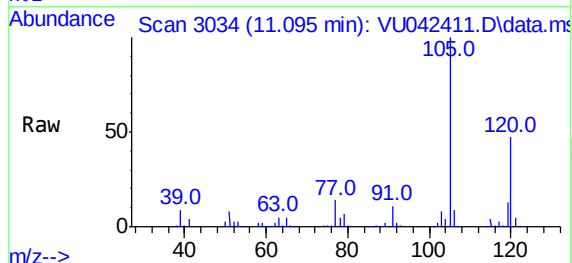




#62
1,3,5-Trimethylbenzene
Concen: 49.48 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU042411.D
Acq: 23 Feb 2021 10:47

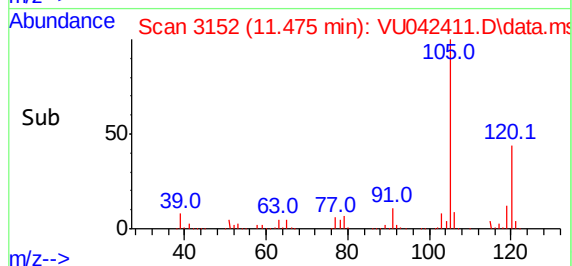
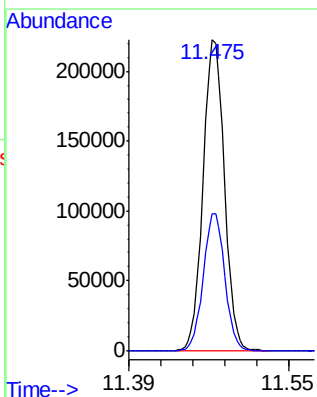
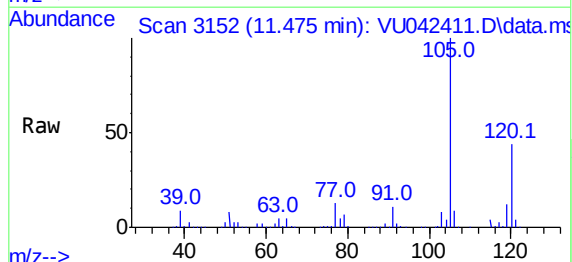
Instrument :
MSVOA_V
ClientSampleId :
VSTD050162

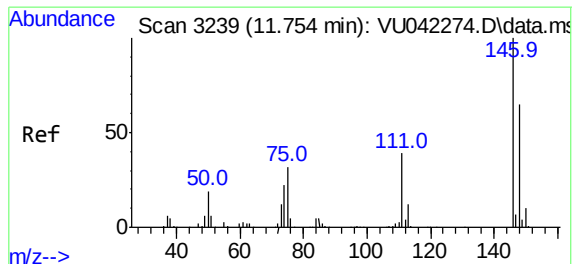
Tgt Ion:105 Resp: 336755
Ion Ratio Lower Upper
105 100
120 47.3 37.2 55.8



#63
1,2,4-Trimethylbenzene
Concen: 49.58 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VU042411.D
Acq: 23 Feb 2021 10:47

Tgt Ion:105 Resp: 339924
Ion Ratio Lower Upper
105 100
120 44.2 35.2 52.8

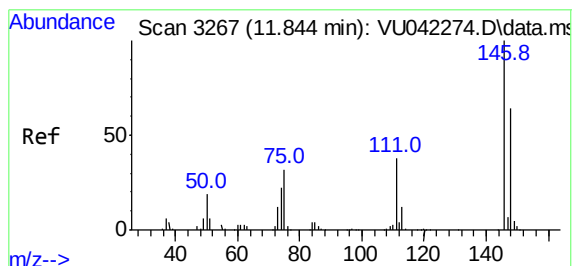
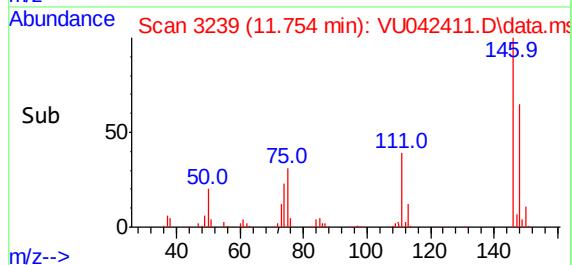
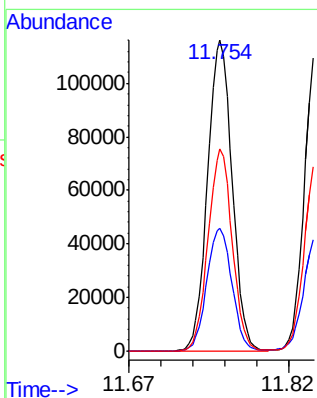
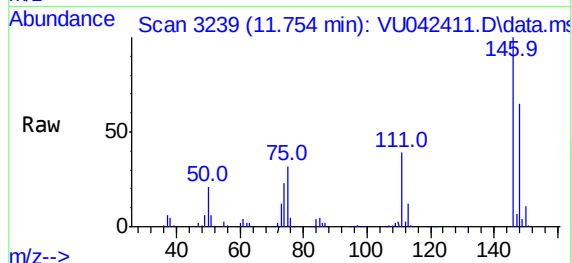




#64
1,3-Dichlorobenzene
Concen: 49.56 ug/L
RT: 11.754 min Scan# 3239
Delta R.T. 0.000 min
Lab File: VU042411.D
Acq: 23 Feb 2021 10:47

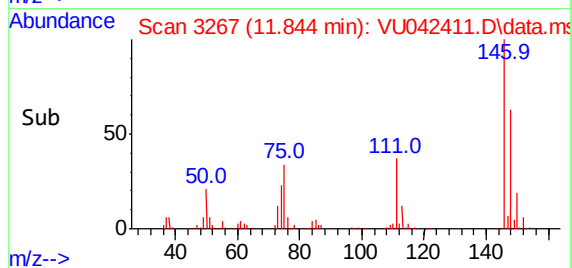
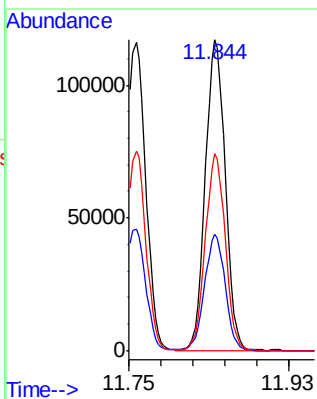
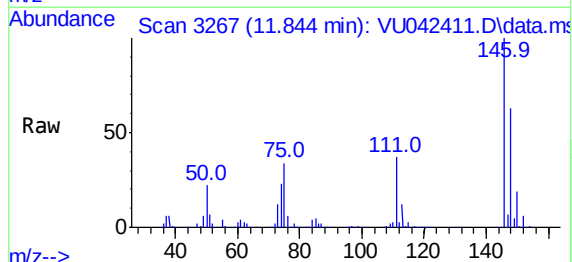
Instrument :
MSVOA_V
ClientSampleId :
VSTD050162

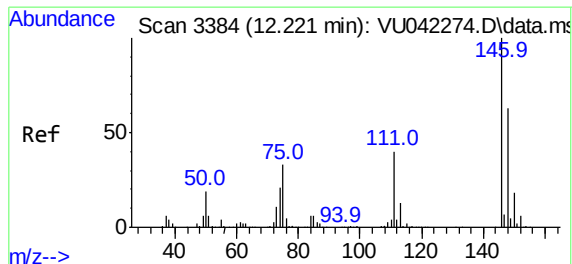
Tgt Ion:146 Resp: 183806
Ion Ratio Lower Upper
146 100
111 39.5 27.6 51.2
148 64.9 45.4 84.2



#65
1,4-Dichlorobenzene
Concen: 48.72 ug/L
RT: 11.844 min Scan# 3267
Delta R.T. -0.000 min
Lab File: VU042411.D
Acq: 23 Feb 2021 10:47

Tgt Ion:146 Resp: 184038
Ion Ratio Lower Upper
146 100
111 37.3 26.6 49.4
148 63.2 44.6 82.8

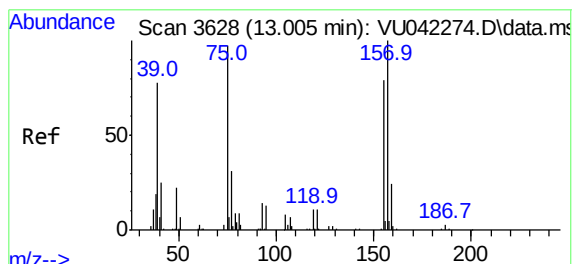
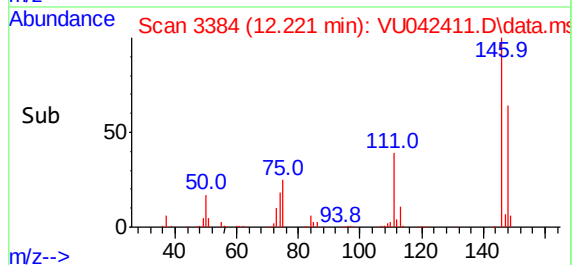
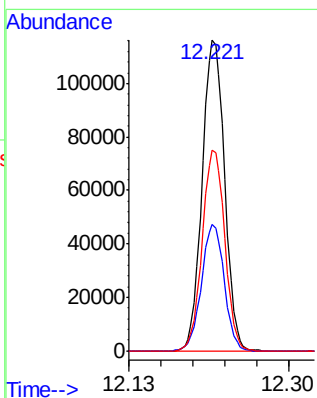
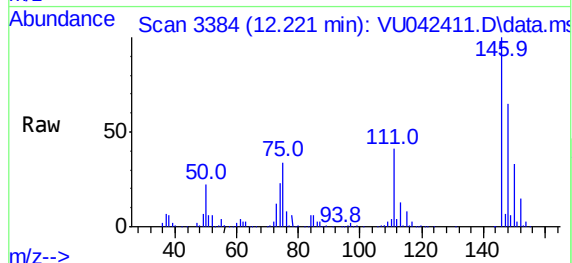




#67
1,2-Dichlorobenzene
Concen: 49.08 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. 0.000 min
Lab File: VU042411.D
Acq: 23 Feb 2021 10:47

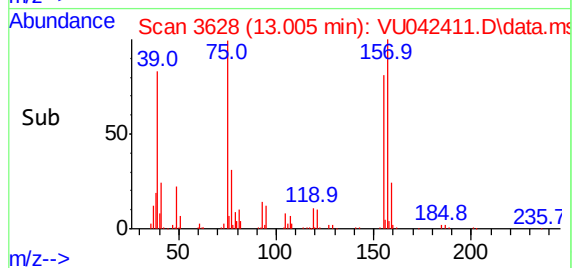
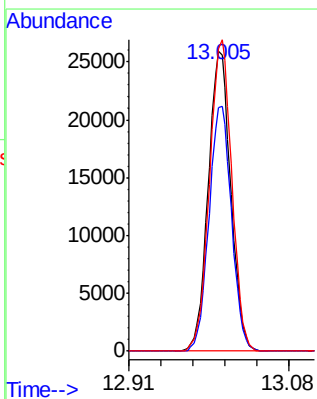
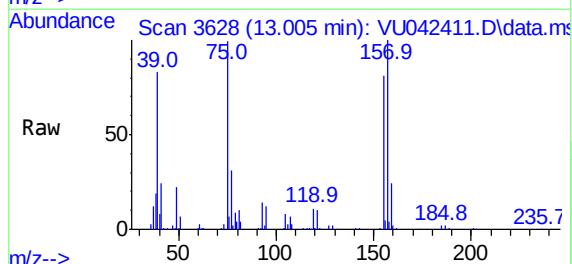
Instrument :
MSVOA_V
ClientSampleId :
VSTD050162

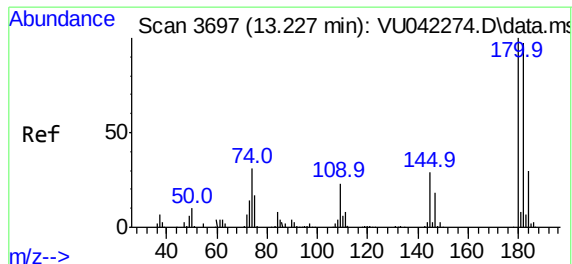
Tgt Ion:146 Resp: 187075
Ion Ratio Lower Upper
146 100
111 40.6 31.9 47.9
148 64.6 50.2 75.4



#68
1,2-Dibromo-3-chloropropane
Concen: 48.19 ug/L
RT: 13.005 min Scan# 3628
Delta R.T. 0.000 min
Lab File: VU042411.D
Acq: 23 Feb 2021 10:47

Tgt Ion: 75 Resp: 41754
Ion Ratio Lower Upper
75 100
155 81.3 65.2 97.8
157 100.9 82.7 124.1

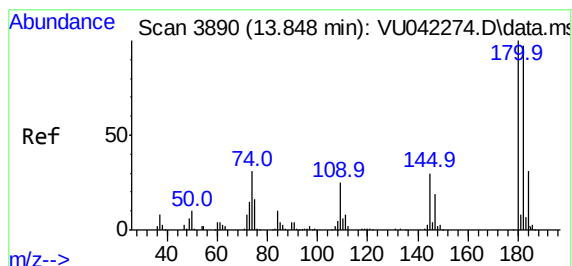
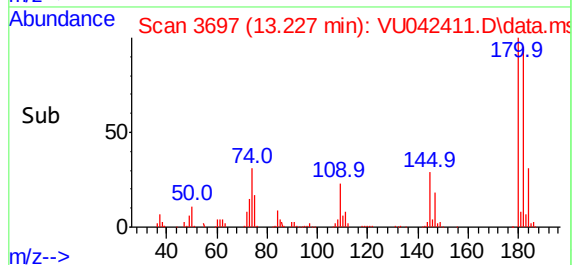
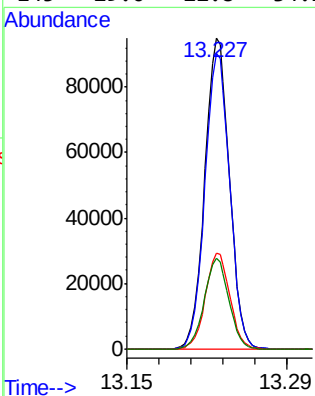
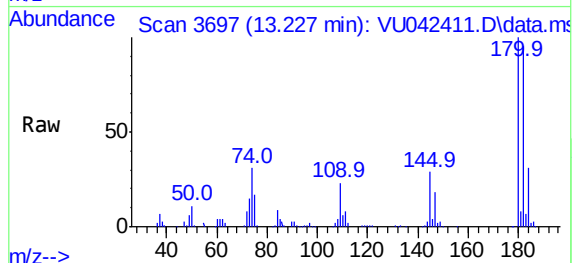




#69
 1,3,5-Trichlorobenzene
 Concen: 50.92 ug/L
 RT: 13.227 min Scan# 3697
 Delta R.T. -0.000 min
 Lab File: VU042411.D
 Acq: 23 Feb 2021 10:47

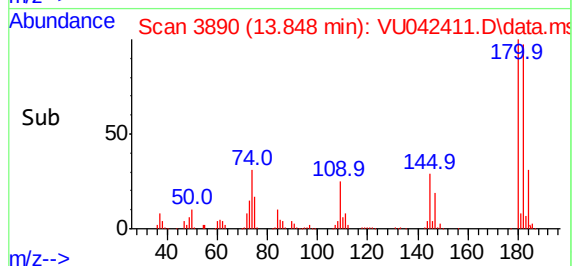
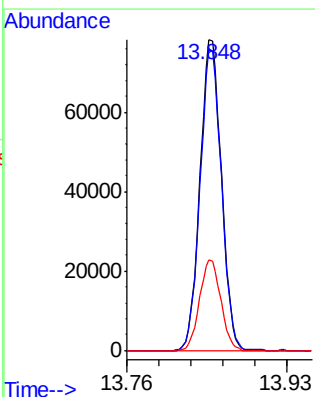
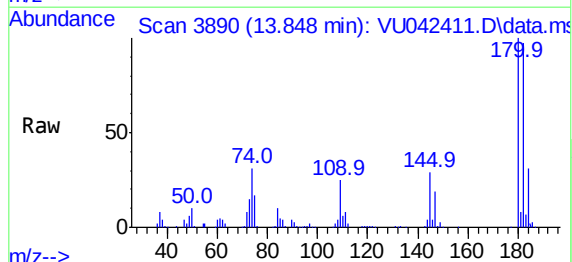
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050162

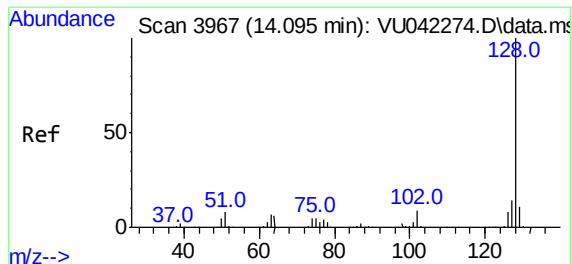
Tgt Ion:180 Resp: 145566
 Ion Ratio Lower Upper
 180 100
 182 95.9 76.8 115.2
 184 30.6 24.1 36.1
 145 29.0 22.8 34.2



#70
 1,2,4-trichlorobenzene
 Concen: 52.08 ug/L
 RT: 13.848 min Scan# 3890
 Delta R.T. -0.000 min
 Lab File: VU042411.D
 Acq: 23 Feb 2021 10:47

Tgt Ion:180 Resp: 124875
 Ion Ratio Lower Upper
 180 100
 182 96.9 77.2 115.8
 145 28.9 23.7 35.5

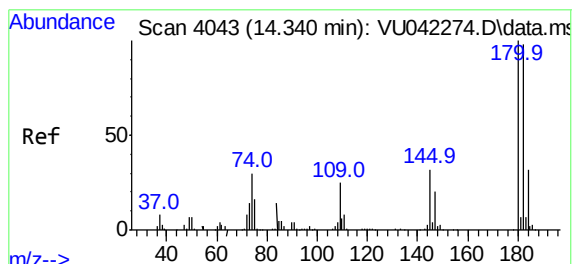
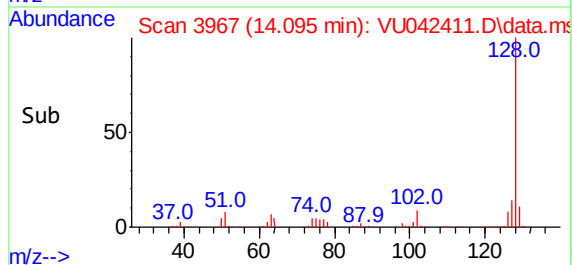
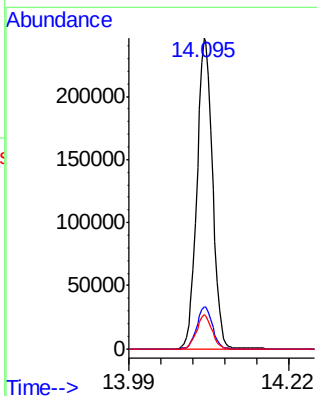
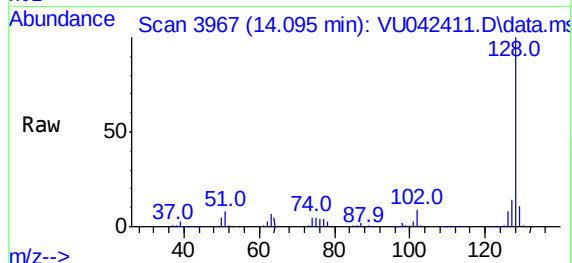




#71
Naphthalene
Concen: 51.09 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. -0.000 min
Lab File: VU042411.D
Acq: 23 Feb 2021 10:47

Instrument :
MSVOA_V
ClientSampleId :
VSTD050162

Tgt Ion:128 Resp: 386769
Ion Ratio Lower Upper
128 100
127 13.6 10.8 16.2
129 10.7 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 50.90 ug/L
RT: 14.340 min Scan# 4043
Delta R.T. 0.000 min
Lab File: VU042411.D
Acq: 23 Feb 2021 10:47

Tgt Ion:180 Resp: 124083
Ion Ratio Lower Upper
180 100
182 95.0 76.2 114.2
145 31.6 24.6 37.0

