

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020521\
 Data File : VU042274.D
 Acq On : 05 Feb 2021 10:45
 Operator : SY/MD
 Sample : VSTD05035
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050304

Quant Time: Feb 06 07:01:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM020521WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Feb 06 06:59:42 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Difluorobenzene	6.256	114	186564	50.00 ug/L	0.00
28) Chlorobenzene-d5	9.423	117	175343	50.00 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	94621	50.00 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	1.604	65	69323	36.31 ug/L	0.00
7) Chloroethane-d5	1.916	69	49772	33.10 ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	63	149167	46.07 ug/L	0.00
21) 2-Butanone-d5	4.639	46	143690	94.33 ug/L	0.00
24) Chloroform-d	5.073	84	141189	46.27 ug/L	0.00
26) 1,2-Dichloroethane-d4	5.713	65	99885	51.06 ug/L	0.00
32) Benzene-d6	5.735	84	255884	44.29 ug/L	0.00
36) 1,2-Dichloropropane-d6	6.700	67	84607	44.84 ug/L	0.00
41) Toluene-d8	7.906	98	241126	47.66 ug/L	0.00
43) trans-1,3-Dichloroprop...	8.185	79	44754	47.74 ug/L	0.00
47) 2-Hexanone-d5	8.642	63	95472	94.15 ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.764	84	123897	44.83 ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.201	152	98227	50.19 ug/L	0.00
Target Compounds					
					Qvalue
2) Dichlorodifluoromethane	1.388	85	77446	44.41 ug/L	100
3) Chloromethane	1.523	50	69398	35.50 ug/L	100
5) Vinyl chloride	1.607	62	69767	34.87 ug/L	100
6) Bromomethane	1.861	94	38808	32.19 ug/L	100
8) Chloroethane	1.935	64	41014	33.60 ug/L	100
9) Trichlorofluoromethane	2.141	101	109339	42.28 ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	64190	44.48 ug/L	100
12) 1,1-Dichloroethene	2.588	96	60045	43.52 ug/L	100
13) Acetone	2.642	43	129401	98.27 ug/L	100
14) Carbon disulfide	2.800	76	177303	40.37 ug/L	100
15) Methyl Acetate	2.957	43	98604	48.77 ug/L	100
16) Methylene chloride	3.054	84	67138	42.29 ug/L	100
17) trans-1,2-Dichloroethene	3.362	96	62668	43.21 ug/L	100
18) Methyl tert-butyl Ether	3.372	73	225603	47.28 ug/L	100
19) 1,1-Dichloroethane	3.880	63	129815	45.06 ug/L	100
20) cis-1,2-Dichloroethene	4.678	96	69578	44.35 ug/L	100
22) 2-Butanone	4.716	43	165626	97.07 ug/L	100
23) Bromochloromethane	4.983	128	37062	48.73 ug/L	100
25) Chloroform	5.099	83	130674	45.47 ug/L	100
27) 1,2-Dichloroethane	5.803	62	116835	51.59 ug/L	100
29) Cyclohexane	5.398	56	115359	45.98 ug/L	100
30) 1,1,1-Trichloroethane	5.327	97	120154	47.15 ug/L	100
31) Carbon tetrachloride	5.533	117	101812	48.11 ug/L	100
33) Benzene	5.784	78	266972	43.64 ug/L	100
34) Trichloroethene	6.549	95	69199	44.83 ug/L	100
35) Methylcyclohexane	6.771	83	106198	46.83 ug/L	100
37) 1,2-Dichloropropane	6.800	63	74709	45.10 ug/L	100
38) Bromodichloromethane	7.115	83	98891	47.52 ug/L	100
39) cis-1,3-Dichloropropene	7.616	75	117837	48.27 ug/L	100
40) 4-Methyl-2-pentanone	7.800	43	285440	107.37 ug/L	100
42) Toluene	7.976	91	284424	47.52 ug/L	100
44) trans-1,3-Dichloropropene	8.218	75	116185	49.69 ug/L	100
45) 1,1,2-Trichloroethane	8.407	97	68128	47.03 ug/L	100

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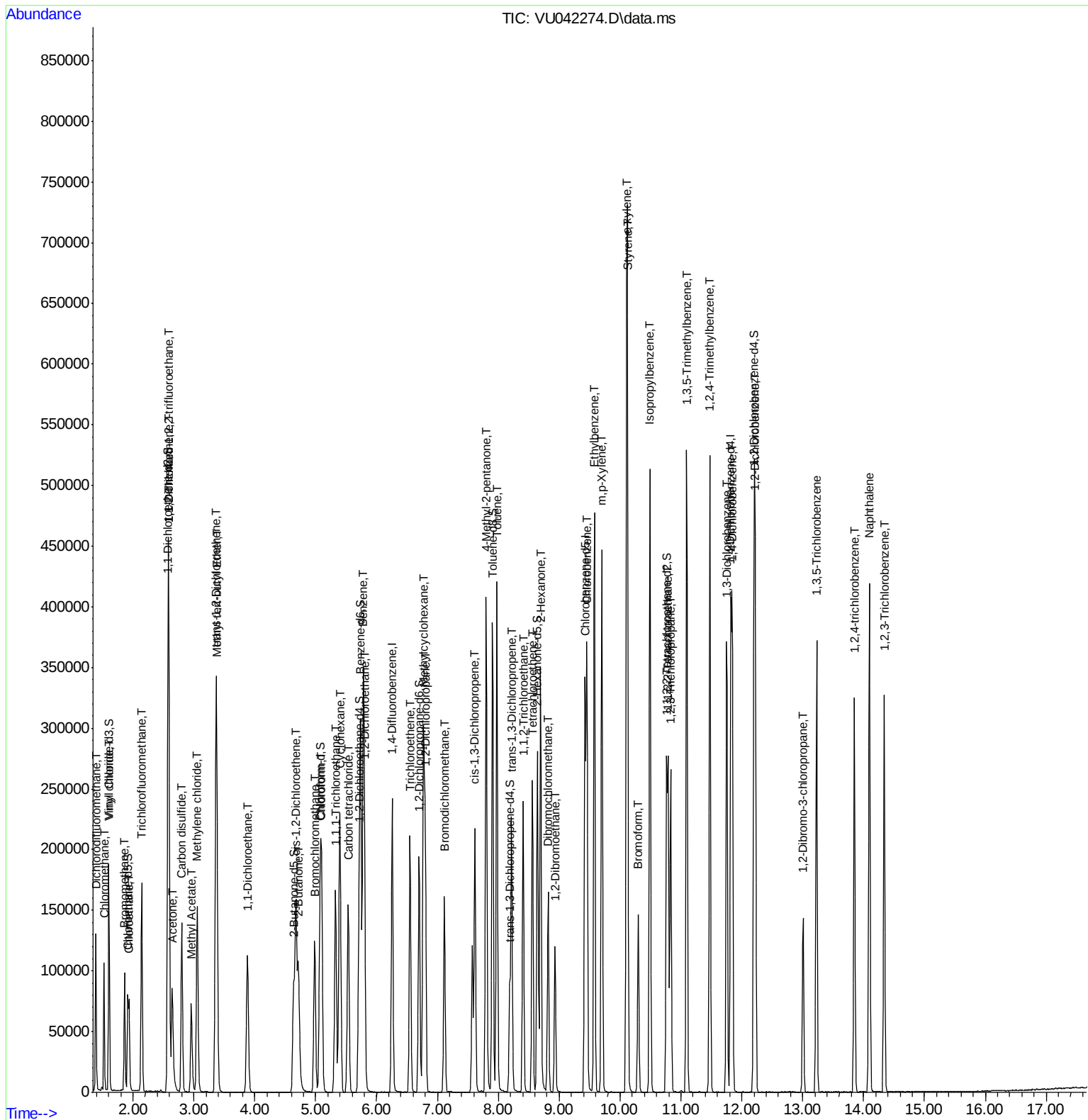
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Tetrachloroethene	8.558	164	55841	54.98	ug/L	100
48) 2-Hexanone	8.693	43	233738	106.44	ug/L	100
49) Dibromochloromethane	8.819	129	79906	50.31	ug/L	100
50) 1,2-Dibromoethane	8.931	107	76848	49.47	ug/L	100
51) Chlorobenzene	9.455	112	176800	47.20	ug/L	100
52) Ethylbenzene	9.578	91	316958	48.72	ug/L	100
53) m,p-Xylene	9.700	106	117431	49.60	ug/L	100
54) o-xylene	10.108	106	117529	51.32	ug/L	100
55) Styrene	10.121	104	200536	49.97	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.790	83	123116	45.50	ug/L	100
59) Bromoform	10.298	173	66716	53.68	ug/L	100
60) 1,2,3-Trichloropropane	10.832	75	102408	42.85	ug/L	100
61) Isopropylbenzene	10.491	105	315537	48.74	ug/L	100
62) 1,3,5-Trimethylbenzene	11.095	105	273685	49.71	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	273318	49.82	ug/L	100
64) 1,3-Dichlorobenzene	11.754	146	146174	48.61	ug/L	100
65) 1,4-Dichlorobenzene	11.844	146	145712	48.46	ug/L	100
67) 1,2-Dichlorobenzene	12.221	146	150751	49.08	ug/L	100
68) 1,2-Dibromo-3-chloropr...	13.005	75	34837	45.87	ug/L	100
69) 1,3,5-Trichlorobenzene	13.227	180	114557	54.84	ug/L	100
70) 1,2,4-trichlorobenzene	13.848	180	97363	59.72	ug/L	100
71) Naphthalene	14.095	128	317209	58.42	ug/L	100
72) 1,2,3-Trichlorobenzene	14.340	180	98067	59.22	ug/L	100

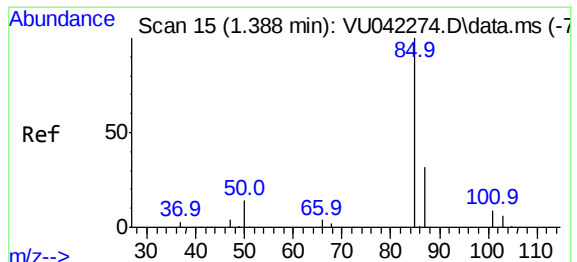
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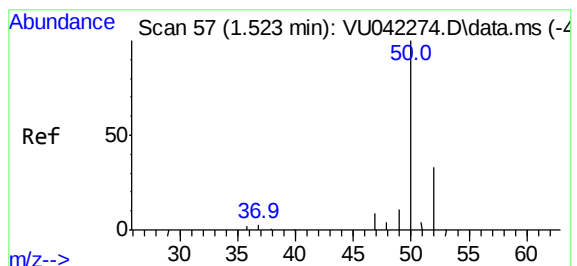
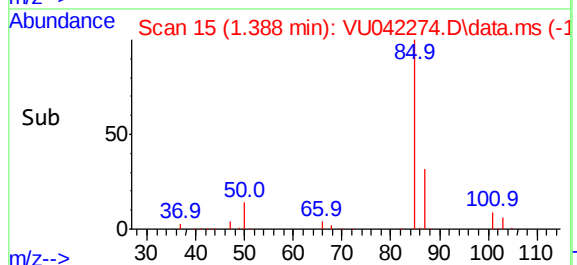
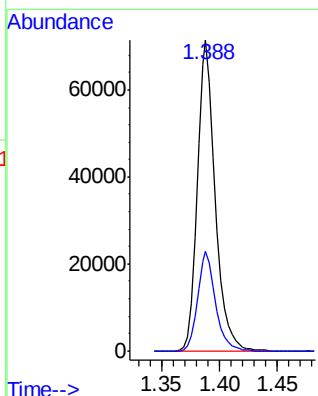
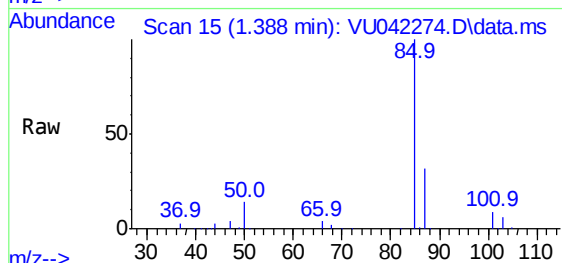




#2
Dichlorodifluoromethane
Concen: 44.41 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU042274.D
Acq: 05 Feb 2021 10:45

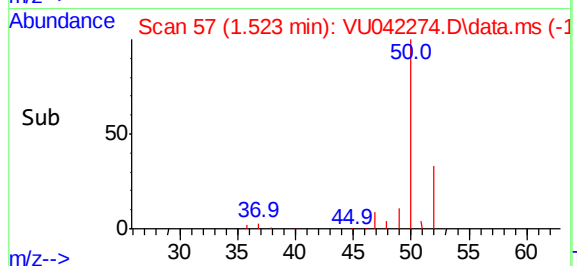
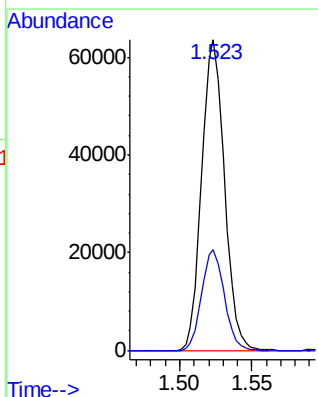
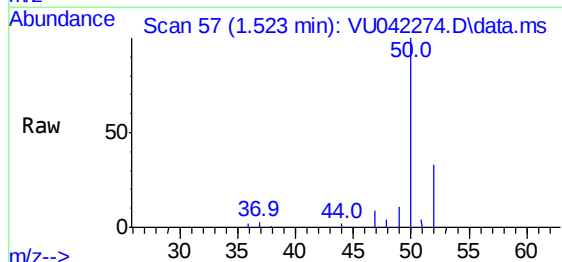
Instrument :
MSVOA_U
ClientSampleId :
VSTD050304

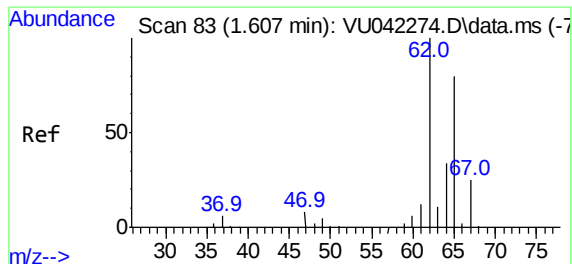
Tgt Ion: 85 Resp: 77446
Ion Ratio Lower Upper
85 100
87 31.8 25.4 38.2



#3
Chloromethane
Concen: 35.50 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042274.D
Acq: 05 Feb 2021 10:45

Tgt Ion: 50 Resp: 69398
Ion Ratio Lower Upper
50 100
52 32.6 22.8 42.4

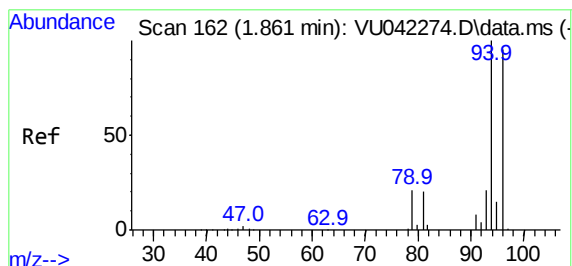
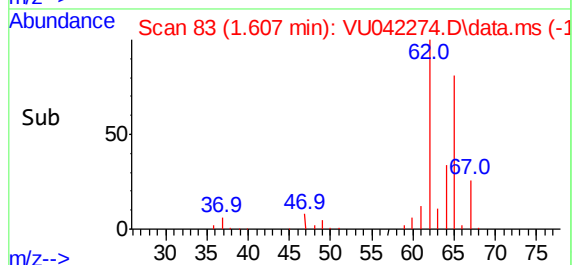
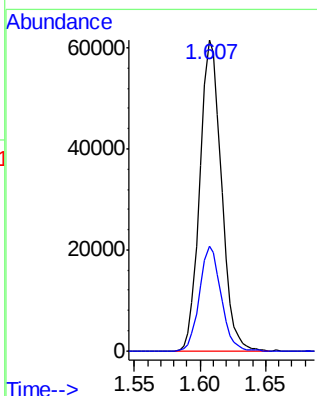
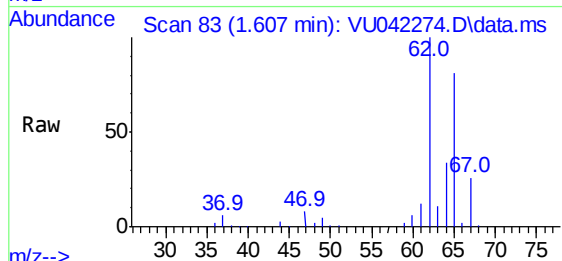




#5
 Vinyl chloride
 Concen: 34.87 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU042274.D
 Acq: 05 Feb 2021 10:45

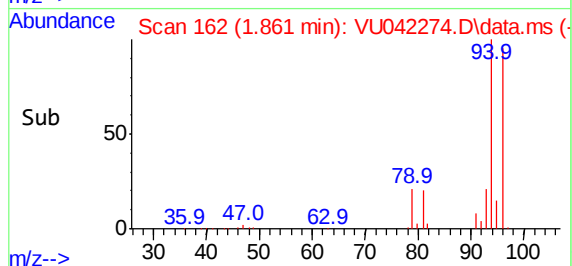
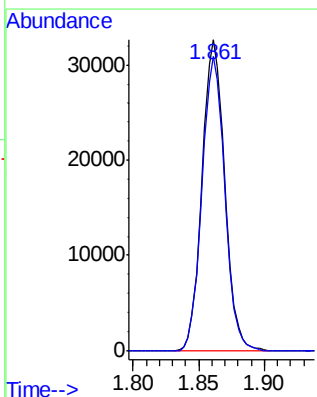
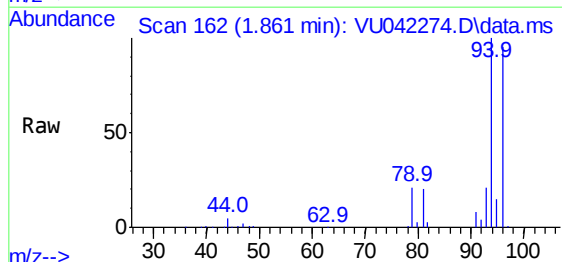
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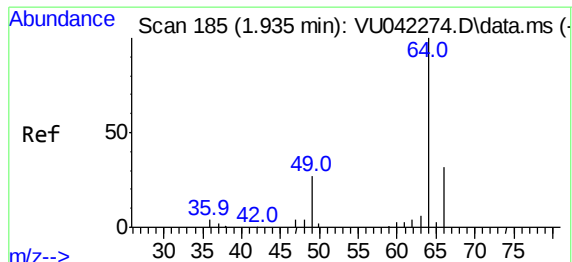
Tgt Ion: 62 Resp: 69767
 Ion Ratio Lower Upper
 62 100
 64 33.7 23.6 43.8



#6
 Bromomethane
 Concen: 32.19 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. 0.000 min
 Lab File: VU042274.D
 Acq: 05 Feb 2021 10:45

Tgt Ion: 94 Resp: 38808
 Ion Ratio Lower Upper
 94 100
 96 94.7 66.3 123.1

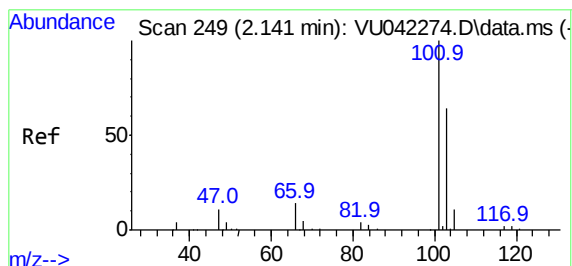
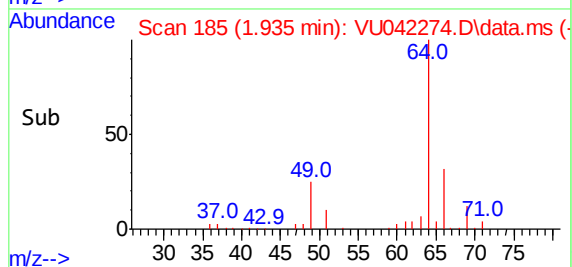
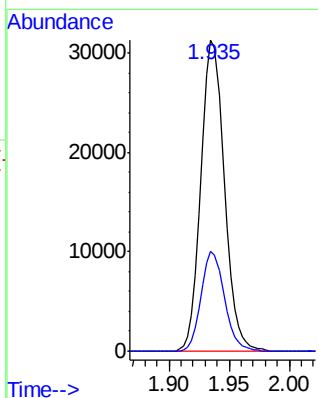
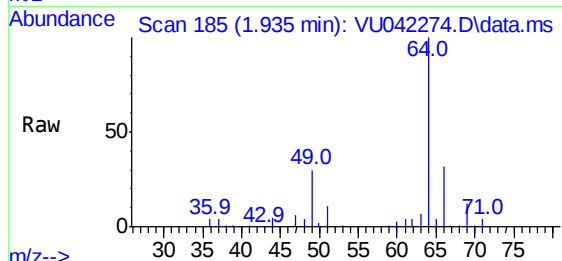




#8
Chloroethane
Concen: 33.60 ug/L
RT: 1.935 min Scan# 185
Delta R.T. 0.000 min
Lab File: VU042274.D
Acq: 05 Feb 2021 10:45

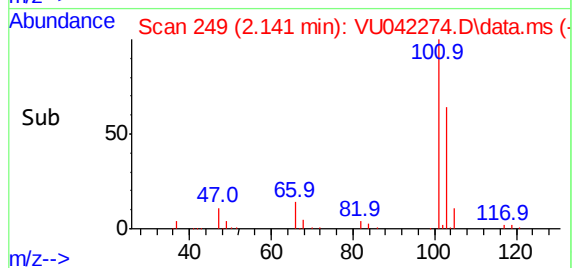
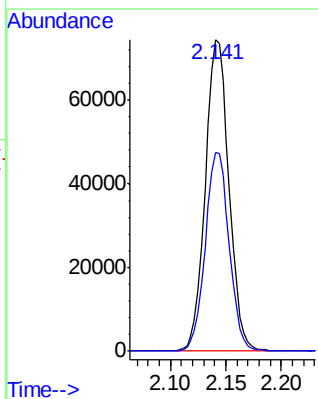
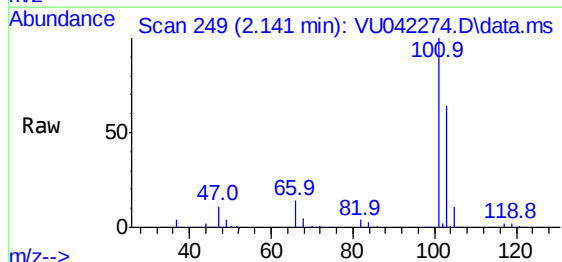
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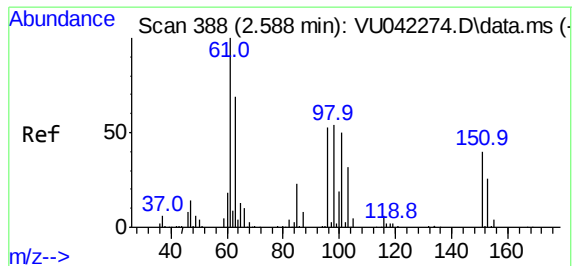
Tgt Ion: 64 Resp: 41014
Ion Ratio Lower Upper
64 100
66 32.1 22.5 41.7



#9
Trichlorofluoromethane
Concen: 42.28 ug/L
RT: 2.141 min Scan# 249
Delta R.T. 0.000 min
Lab File: VU042274.D
Acq: 05 Feb 2021 10:45

Tgt Ion:101 Resp: 109339
Ion Ratio Lower Upper
101 100
103 64.2 51.4 77.0

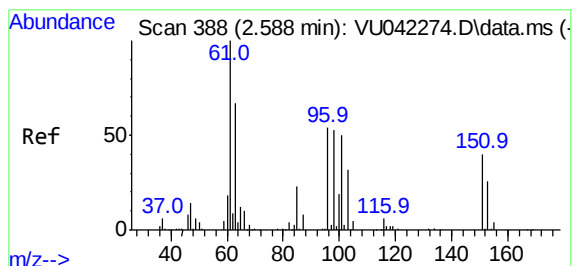
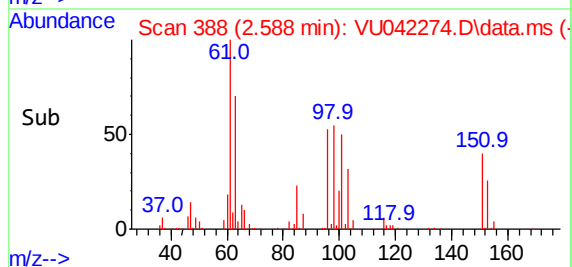
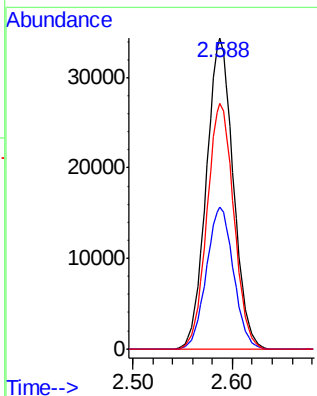
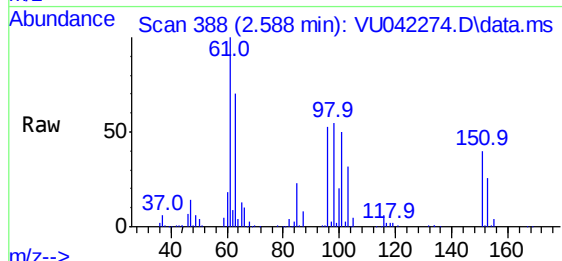




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 44.48 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU042274.D
 Acq: 05 Feb 2021 10:45

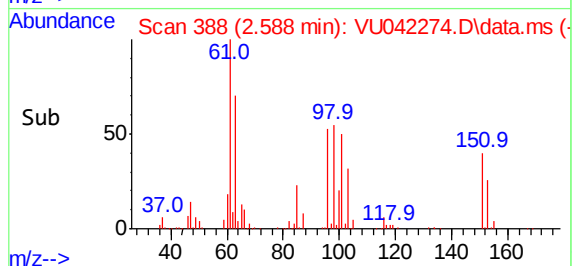
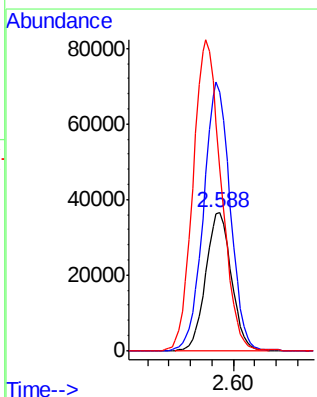
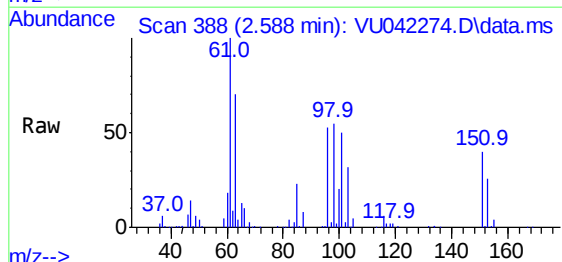
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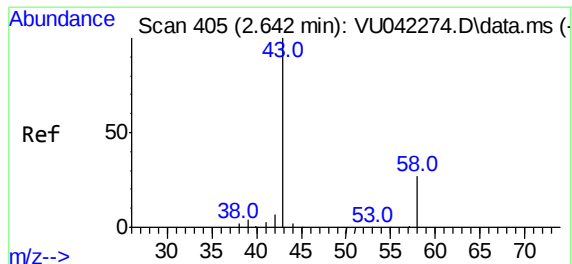
Tgt Ion:101 Resp: 64190
 Ion Ratio Lower Upper
 101 100
 85 45.9 36.7 55.1
 151 78.6 62.9 94.3



#12
 1,1-Dichloroethene
 Concen: 43.52 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU042274.D
 Acq: 05 Feb 2021 10:45

Tgt Ion: 96 Resp: 60045
 Ion Ratio Lower Upper
 96 100
 61 188.0 131.6 244.4
 63 132.3 92.6 172.0

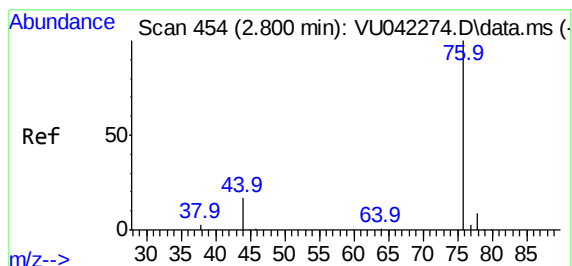
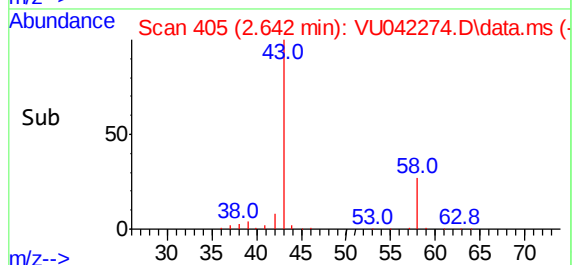
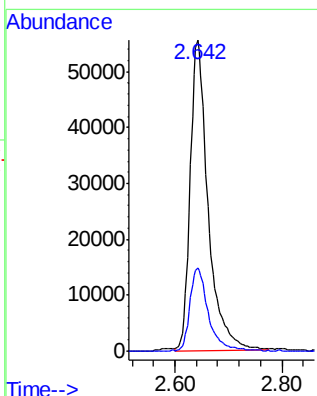
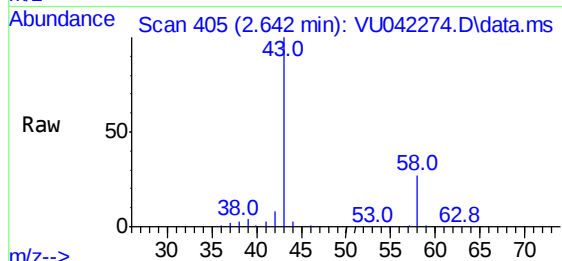




#13
Acetone
Concen: 98.27 ug/L
RT: 2.642 min Scan# 405
Delta R.T. 0.000 min
Lab File: VU042274.D
Acq: 05 Feb 2021 10:45

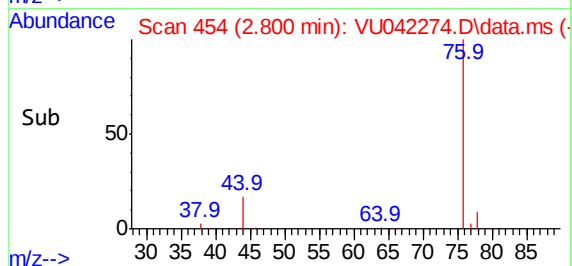
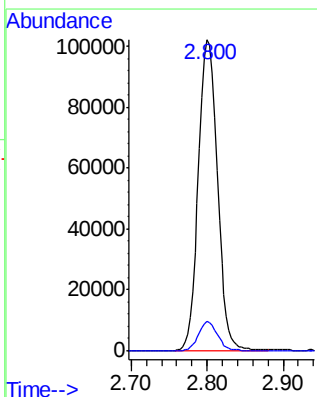
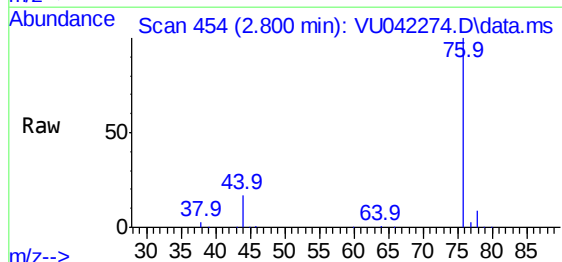
Instrument :
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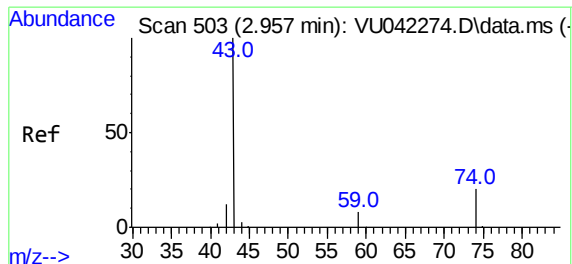
Tgt Ion: 43 Resp: 129401
Ion Ratio Lower Upper
43 100
58 27.0 0.0 54.0



#14
Carbon disulfide
Concen: 40.37 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.000 min
Lab File: VU042274.D
Acq: 05 Feb 2021 10:45

Tgt Ion: 76 Resp: 177303
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

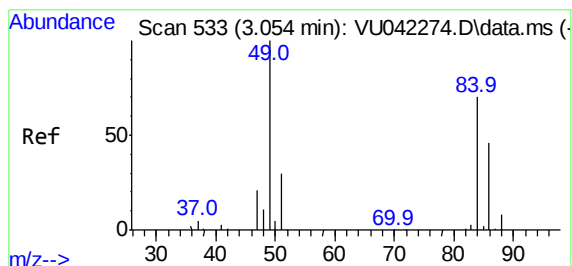
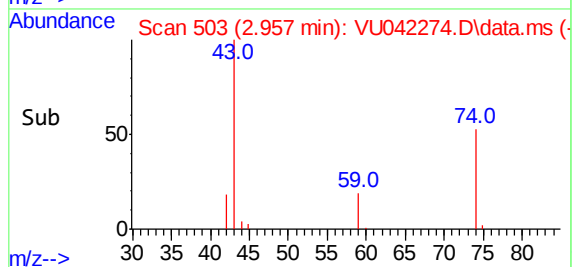
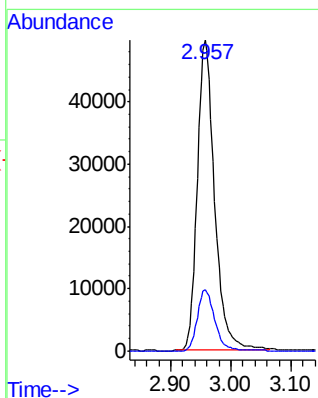
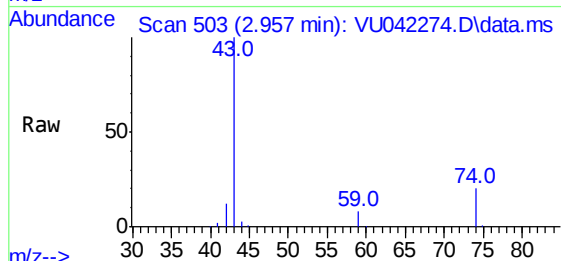




#15
Methyl Acetate
Concen: 48.77 ug/L
RT: 2.957 min Scan# 503
Delta R.T. 0.000 min
Lab File: VU042274.D
Acq: 05 Feb 2021 10:45

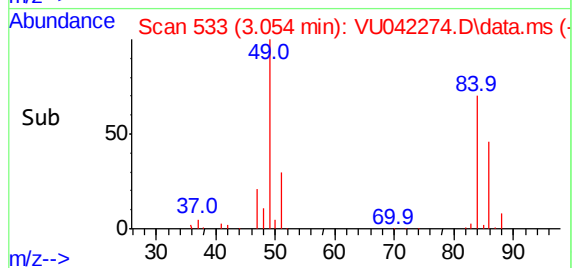
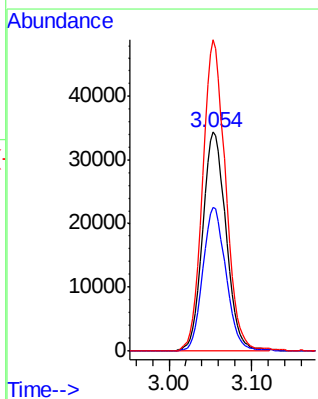
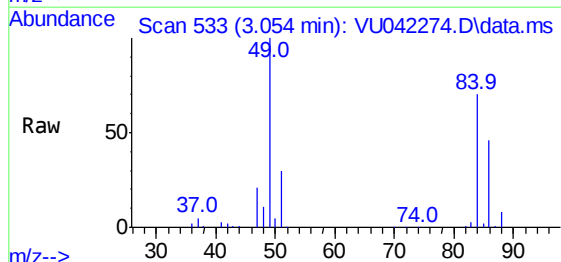
Instrument :
MSVOA_U
ClientSampleId :
VSTD050304

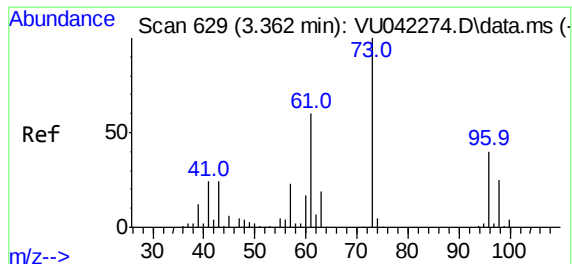
Tgt Ion: 43 Resp: 98604
Ion Ratio Lower Upper
43 100
74 19.7 15.8 23.6



#16
Methylene chloride
Concen: 42.29 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU042274.D
Acq: 05 Feb 2021 10:45

Tgt Ion: 84 Resp: 67138
Ion Ratio Lower Upper
84 100
86 65.7 46.0 85.4
49 142.2 99.5 184.9

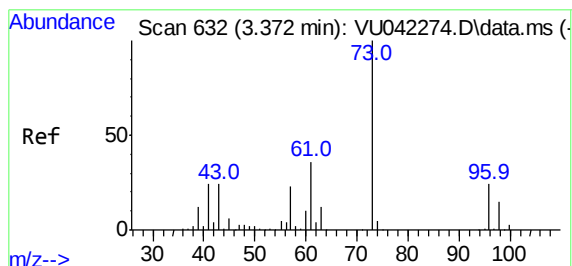
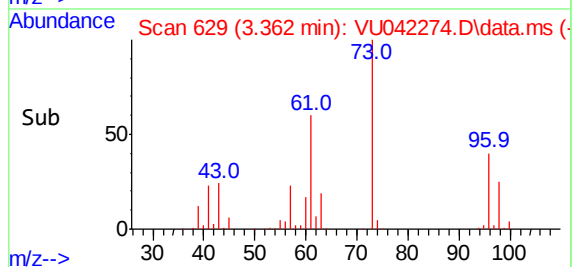
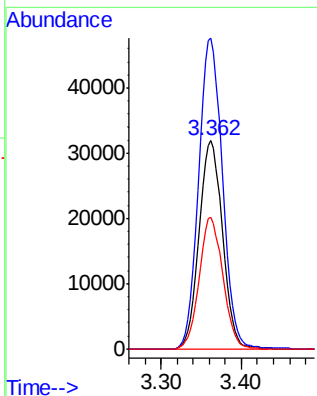
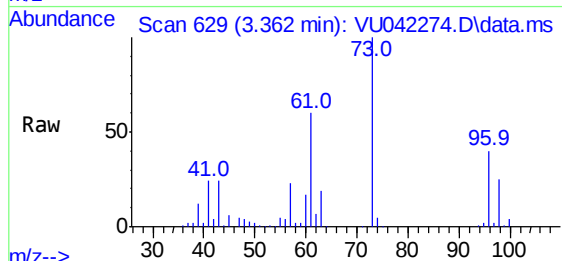




#17
trans-1,2-Dichloroethene
Concen: 43.21 ug/L
RT: 3.362 min Scan# 629
Delta R.T. 0.000 min
Lab File: VU042274.D
Acq: 05 Feb 2021 10:45

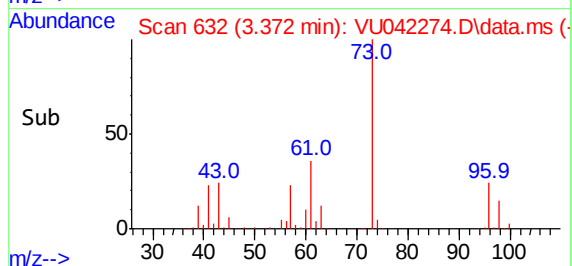
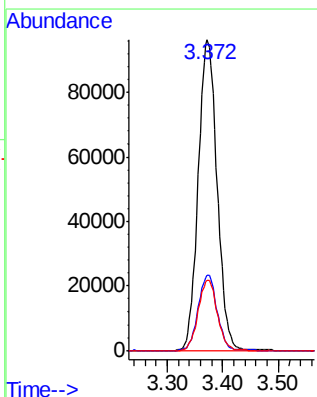
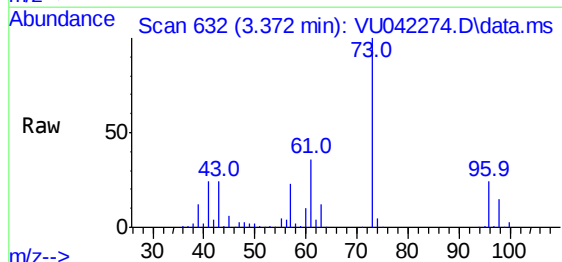
Instrument :
MSVOA_U
ClientSampleId :
VSTD050304

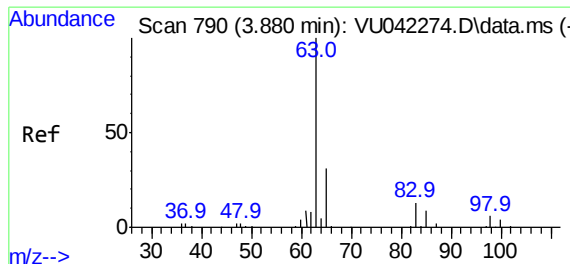
Tgt Ion: 96 Resp: 62668
Ion Ratio Lower Upper
96 100
61 149.4 104.6 194.2
98 63.4 44.4 82.4



#18
Methyl tert-butyl Ether
Concen: 47.28 ug/L
RT: 3.372 min Scan# 632
Delta R.T. 0.000 min
Lab File: VU042274.D
Acq: 05 Feb 2021 10:45

Tgt Ion: 73 Resp: 225603
Ion Ratio Lower Upper
73 100
43 24.2 19.4 29.0
57 22.7 18.2 27.2

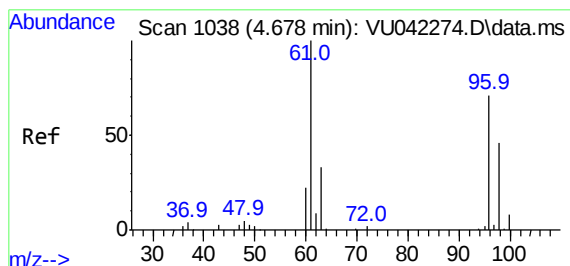
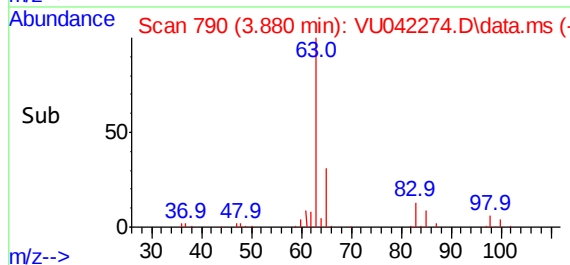
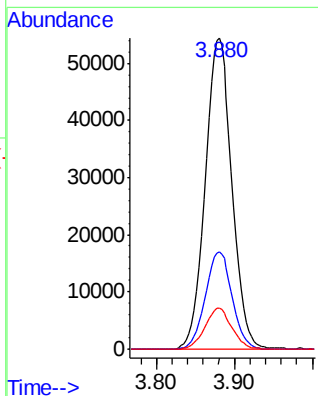
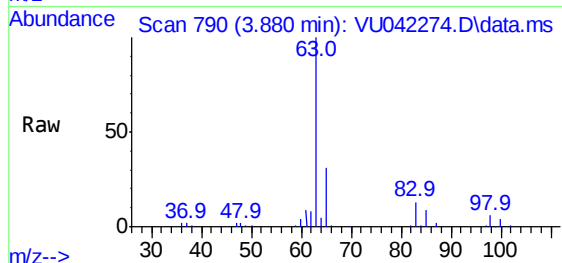




#19
1,1-Dichloroethane
Concen: 45.06 ug/L
RT: 3.880 min Scan# 790
Delta R.T. 0.000 min
Lab File: VU042274.D
Acq: 05 Feb 2021 10:45

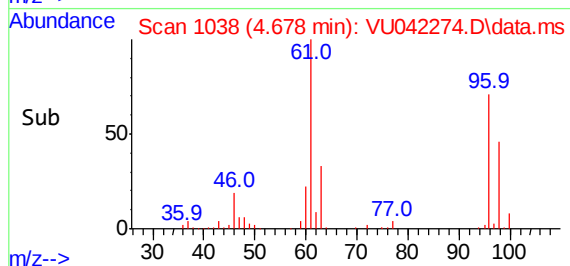
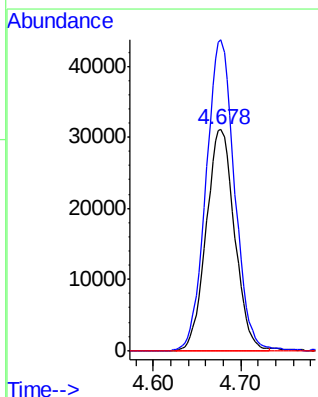
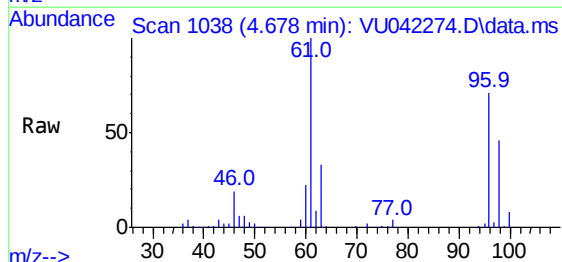
Instrument :
MSVOA_U
ClientSampleId :
VSTD050304

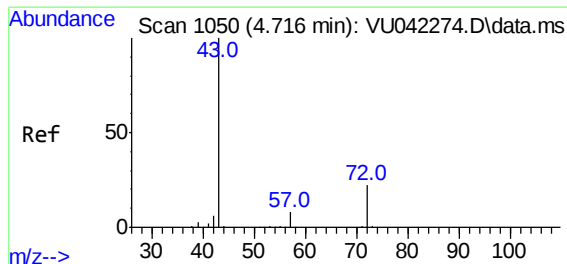
Tgt Ion: 63 Resp: 129815
Ion Ratio Lower Upper
63 100
65 31.1 21.8 40.4
83 13.0 9.1 16.9



#20
cis-1,2-Dichloroethene
Concen: 44.35 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VU042274.D
Acq: 05 Feb 2021 10:45

Tgt Ion: 96 Resp: 69578
Ion Ratio Lower Upper
96 100
61 140.8 98.6 183.0
68 0.0 0.0 0.0

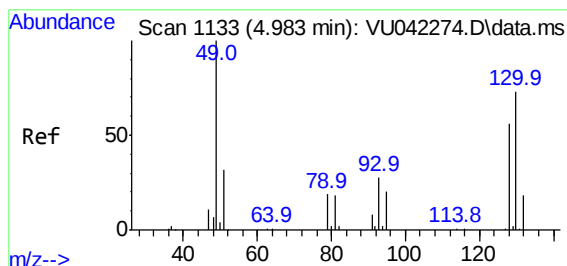
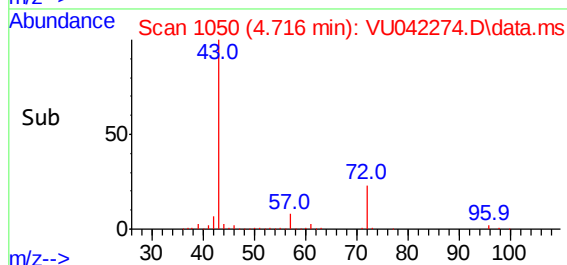
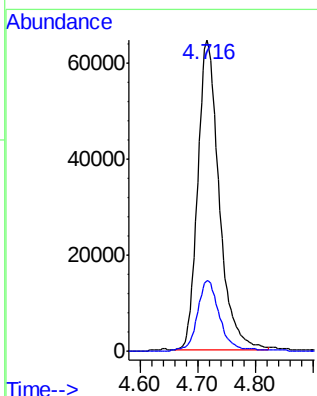
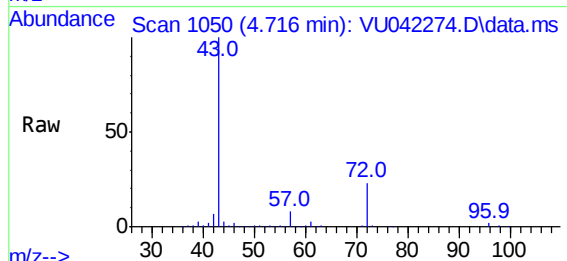




#22
2-Butanone
Concen: 97.07 ug/L
RT: 4.716 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VU042274.D
Acq: 05 Feb 2021 10:45

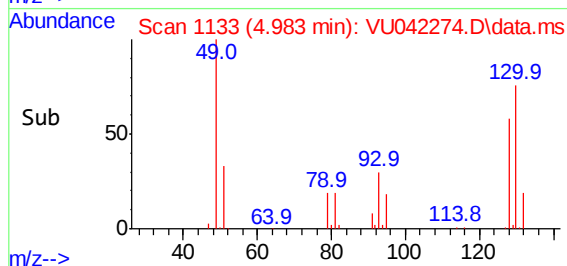
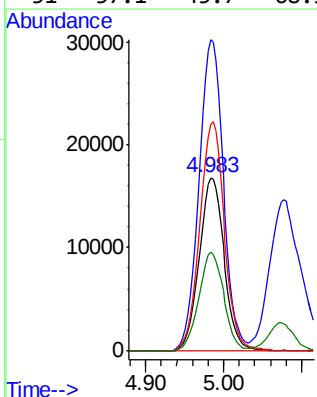
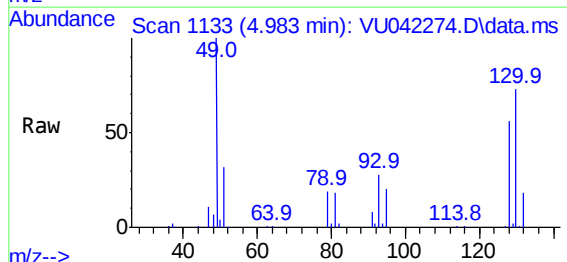
Instrument :
MSVOA_U
ClientSampleId :
VSTD050304

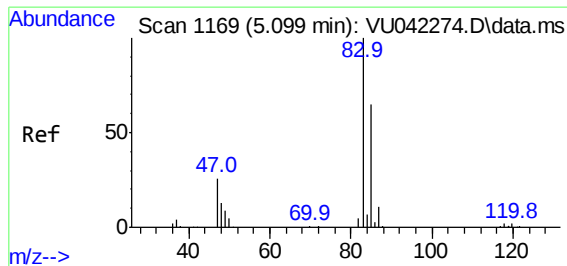
Tgt Ion: 43 Resp: 165626
Ion Ratio Lower Upper
43 100
72 23.4 11.7 35.1



#23
Bromochloromethane
Concen: 48.73 ug/L
RT: 4.983 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VU042274.D
Acq: 05 Feb 2021 10:45

Tgt Ion: 128 Resp: 37062
Ion Ratio Lower Upper
128 100
49 179.9 125.9 233.9
130 131.0 91.7 170.3
51 57.1 45.7 68.5

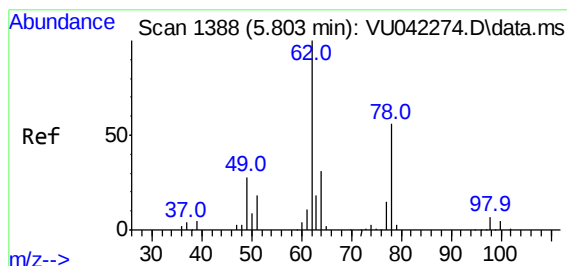
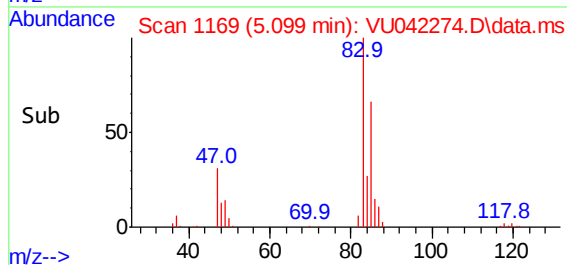
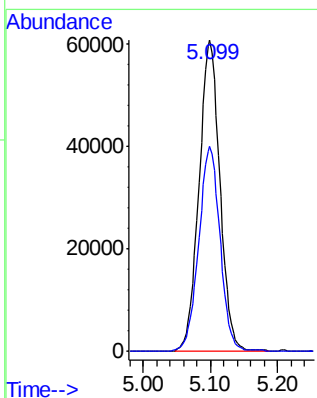
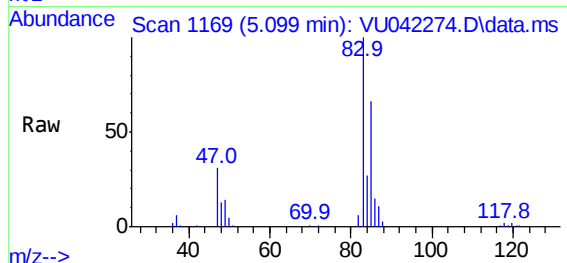




#25
Chloroform
Concen: 45.47 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU042274.D
Acq: 05 Feb 2021 10:45

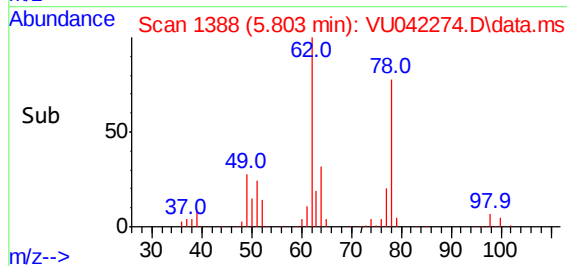
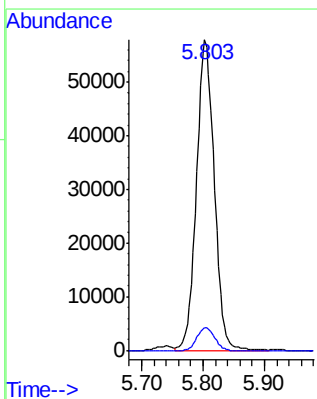
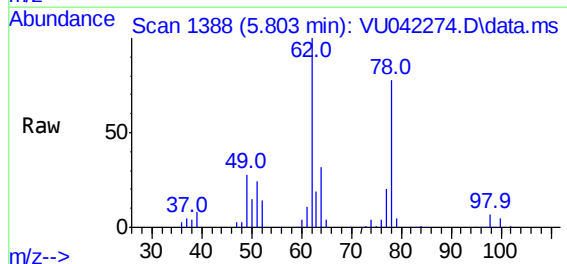
Instrument :
MSVOA_U
ClientSampleId :
VSTD050304

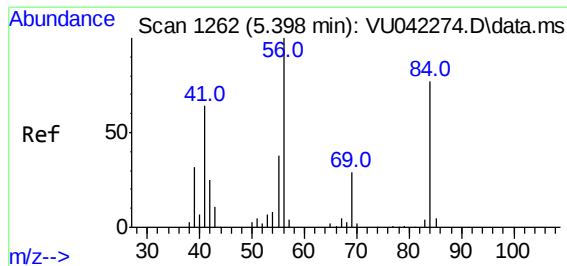
Tgt Ion: 83 Resp: 130674
Ion Ratio Lower Upper
83 100
85 65.8 46.1 85.5



#27
1,2-Dichloroethane
Concen: 51.59 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VU042274.D
Acq: 05 Feb 2021 10:45

Tgt Ion: 62 Resp: 116835
Ion Ratio Lower Upper
62 100
98 7.3 5.8 8.8



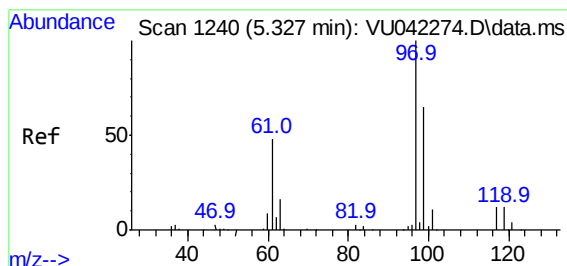
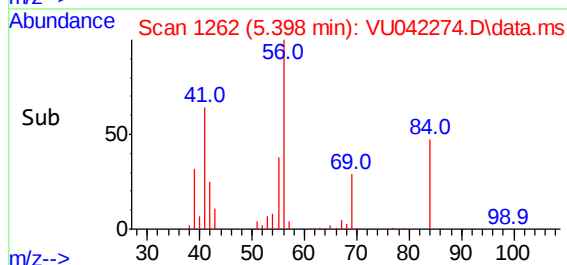
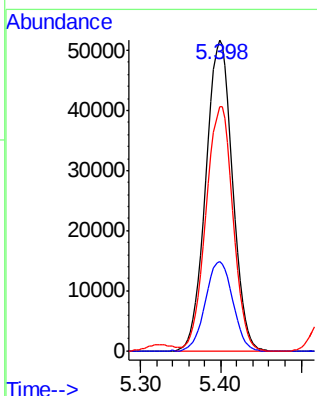
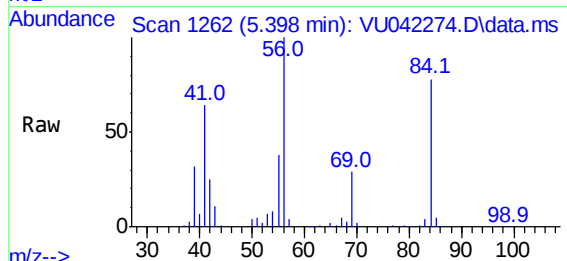


#29
Cyclohexane
Concen: 45.98 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VU042274.D
Acq: 05 Feb 2021 10:45

Instrument :
MSVOA_U
ClientSampleId :
VSTD050304

Tgt Ion: 56 Resp: 115359

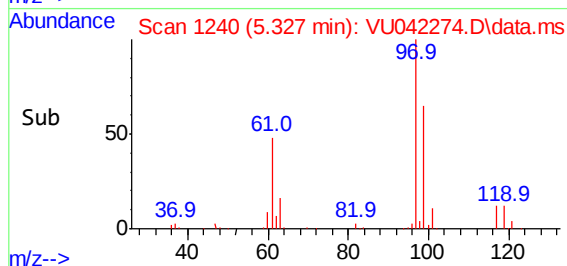
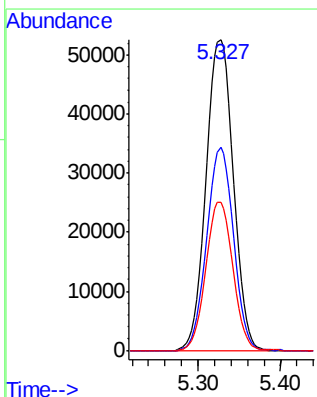
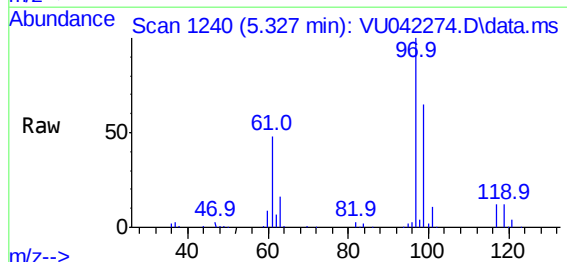
Ion	Ratio	Lower	Upper
56	100		
69	29.4	23.5	35.3
84	80.2	64.2	96.2

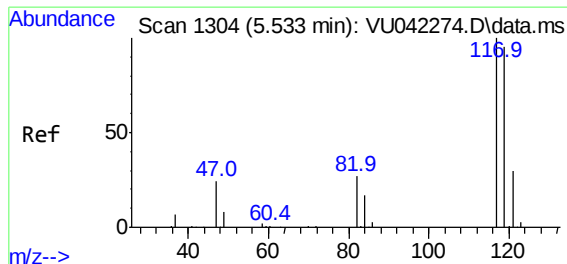


#30
1,1,1-Trichloroethane
Concen: 47.15 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VU042274.D
Acq: 05 Feb 2021 10:45

Tgt Ion: 97 Resp: 120154

Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.3	76.9
61	47.1	37.7	56.5

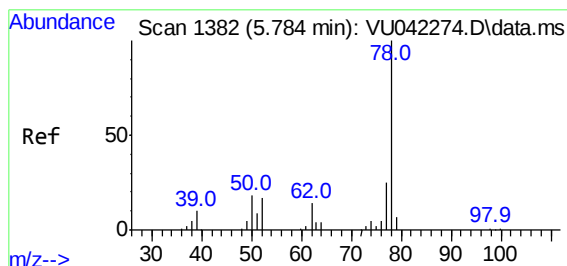
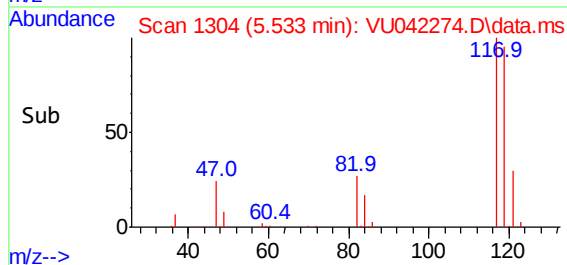
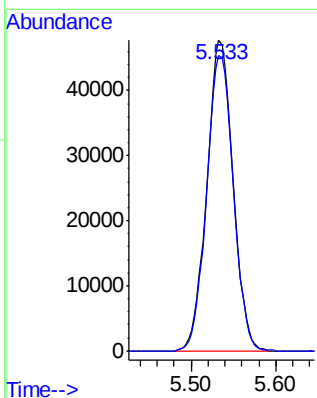
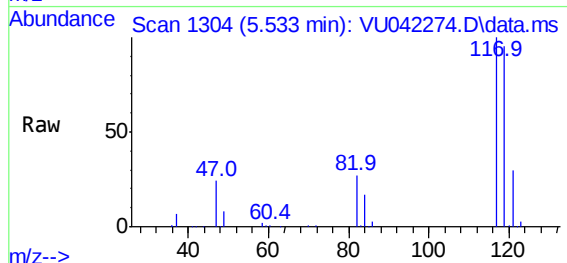




#31
Carbon tetrachloride
Concen: 48.11 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VU042274.D
Acq: 05 Feb 2021 10:45

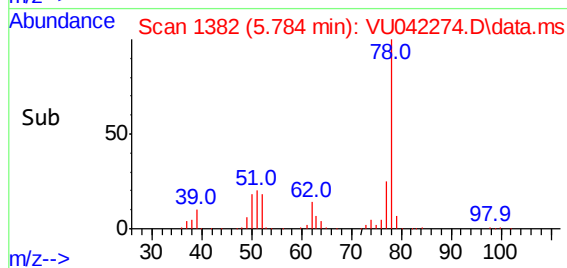
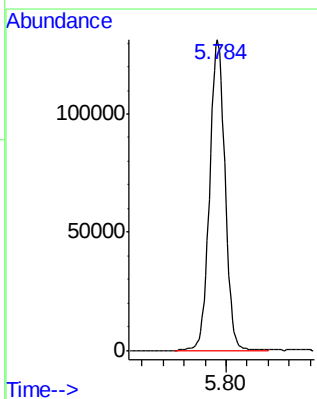
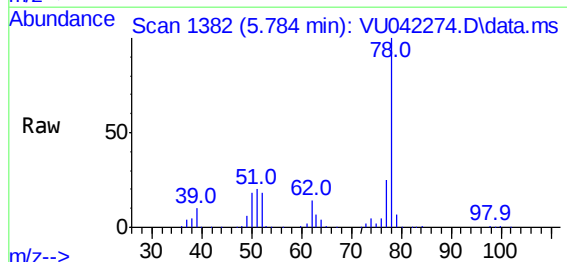
Instrument :
MSVOA_U
ClientSampleId :
VSTD050304

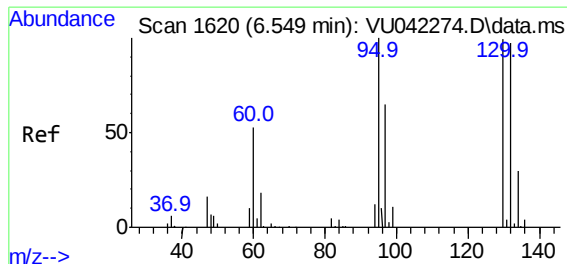
Tgt Ion:117 Resp: 101812
Ion Ratio Lower Upper
117 100
119 96.9 77.5 116.3



#33
Benzene
Concen: 43.64 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VU042274.D
Acq: 05 Feb 2021 10:45

Tgt Ion: 78 Resp: 266972



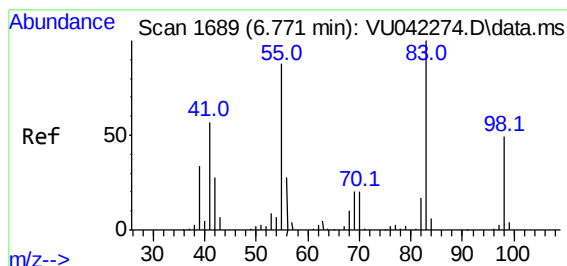
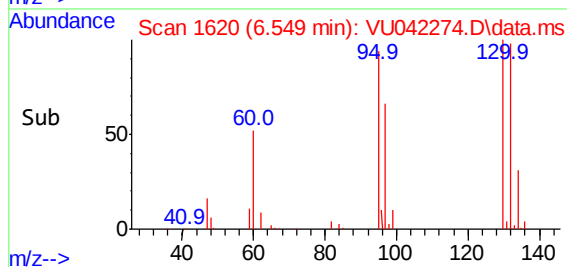
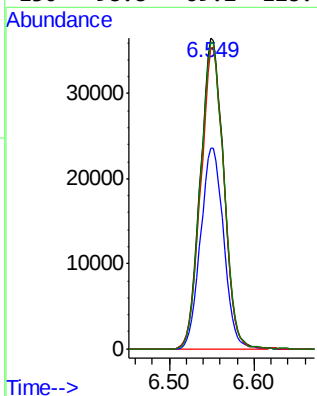
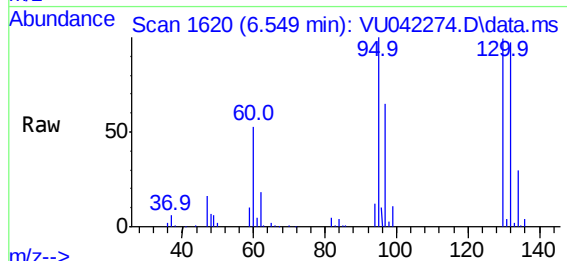


#34
Trichloroethene
Concen: 44.83 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VU042274.D
Acq: 05 Feb 2021 10:45

Instrument :
MSVOA_U
ClientSampleId :
VSTD050304

Tgt Ion: 95 Resp: 69199

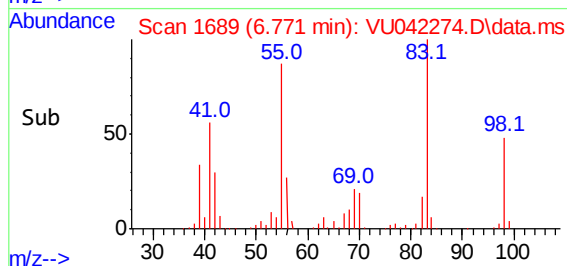
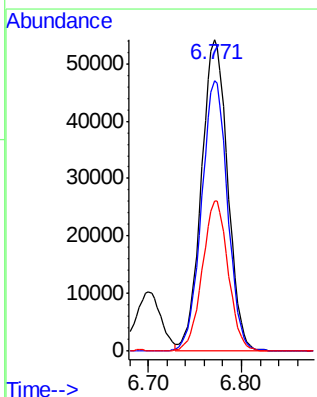
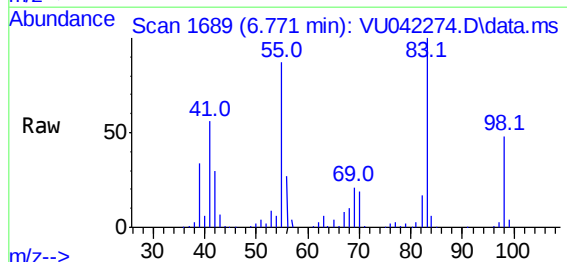
Ion	Ratio	Lower	Upper
95	100		
97	64.7	45.3	84.1
132	96.5	67.5	125.4
130	98.8	69.2	128.4

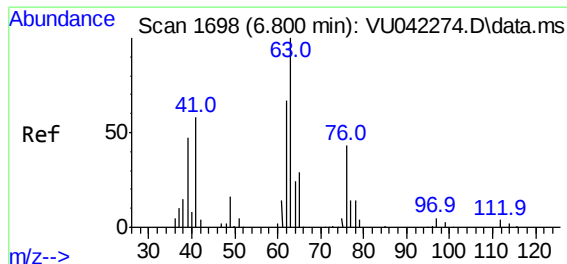


#35
Methylcyclohexane
Concen: 46.83 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VU042274.D
Acq: 05 Feb 2021 10:45

Tgt Ion: 83 Resp: 106198

Ion	Ratio	Lower	Upper
83	100		
55	85.7	68.6	102.8
98	47.0	37.6	56.4

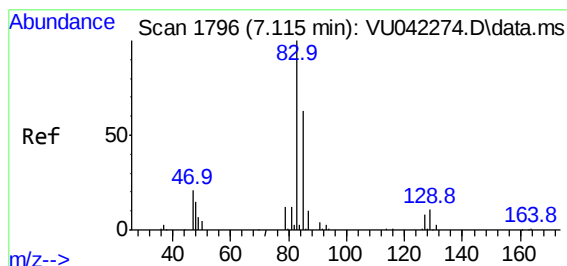
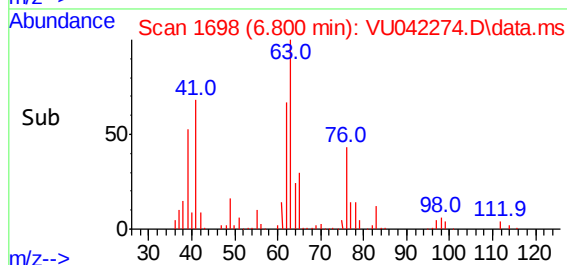
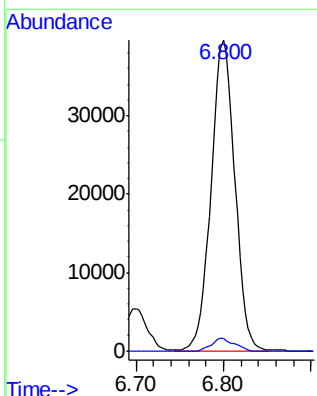
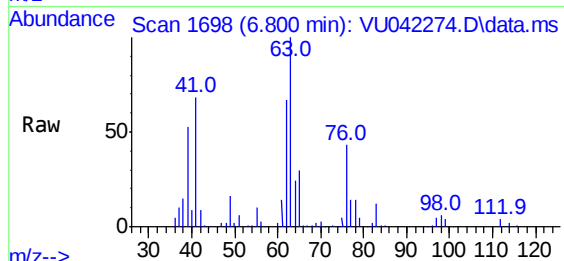




#37
1,2-Dichloropropane
Concen: 45.10 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VU042274.D
Acq: 05 Feb 2021 10:45

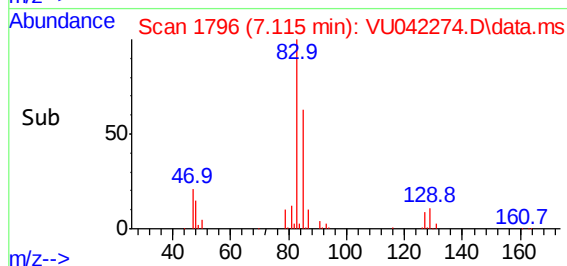
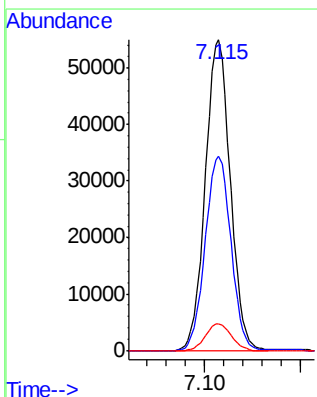
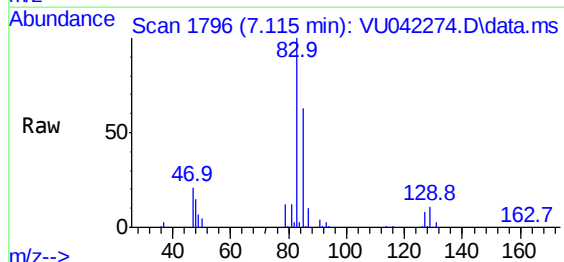
Instrument :
MSVOA_U
ClientSampleId :
VSTD050304

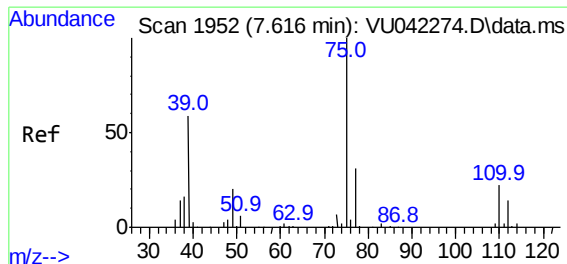
Tgt Ion: 63 Resp: 74709
Ion Ratio Lower Upper
63 100
112 3.7 3.0 4.4



#38
Bromodichloromethane
Concen: 47.52 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VU042274.D
Acq: 05 Feb 2021 10:45

Tgt Ion: 83 Resp: 98891
Ion Ratio Lower Upper
83 100
85 62.6 43.8 81.4
127 8.5 6.8 10.2

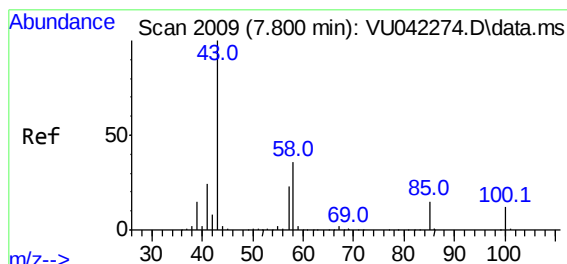
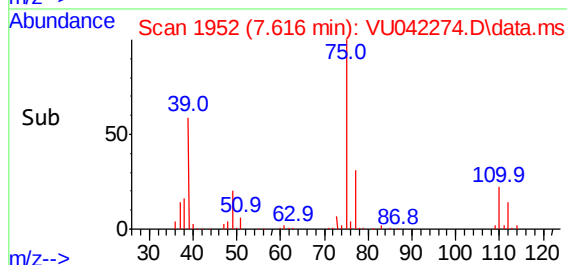
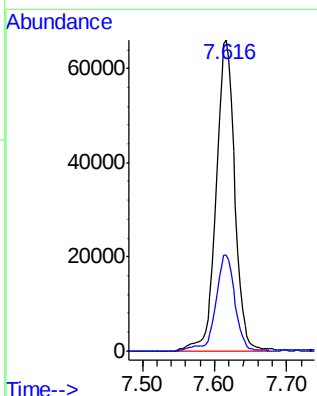
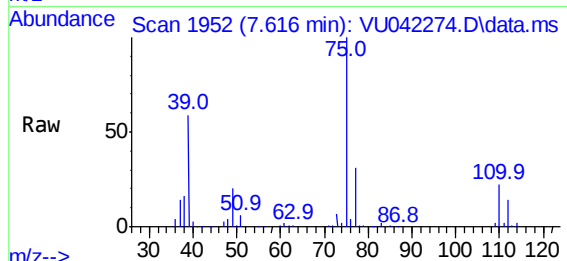




#39
 cis-1,3-Dichloropropene
 Concen: 48.27 ug/L
 RT: 7.616 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VU042274.D
 Acq: 05 Feb 2021 10:45

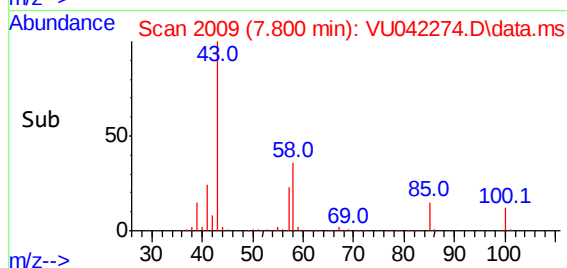
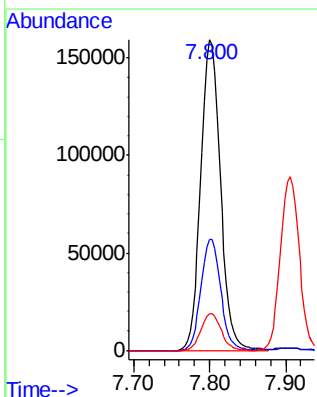
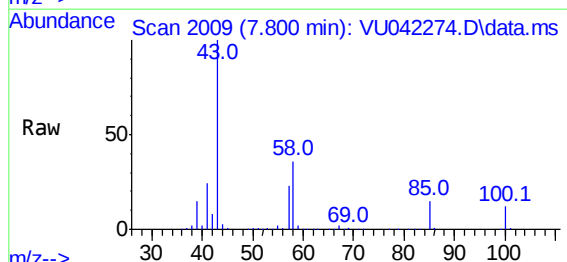
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050304

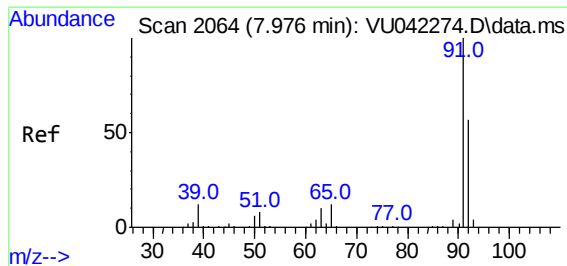
Tgt Ion: 75 Resp: 117837
 Ion Ratio Lower Upper
 75 100
 77 31.0 21.7 40.3



#40
 4-Methyl-2-pentanone
 Concen: 107.37 ug/L
 RT: 7.800 min Scan# 2009
 Delta R.T. 0.000 min
 Lab File: VU042274.D
 Acq: 05 Feb 2021 10:45

Tgt Ion: 43 Resp: 285440
 Ion Ratio Lower Upper
 43 100
 58 35.9 28.7 43.1
 100 12.1 9.7 14.5

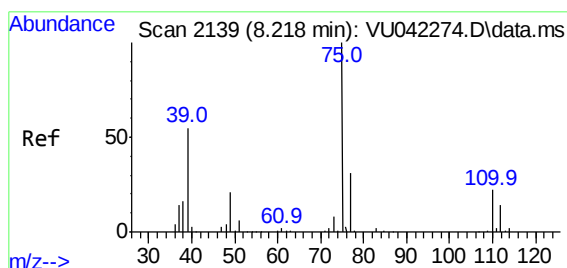
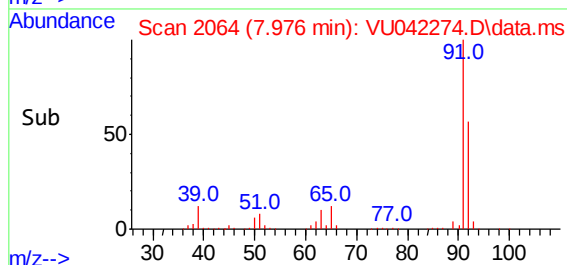
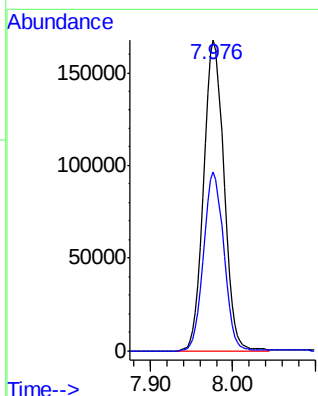
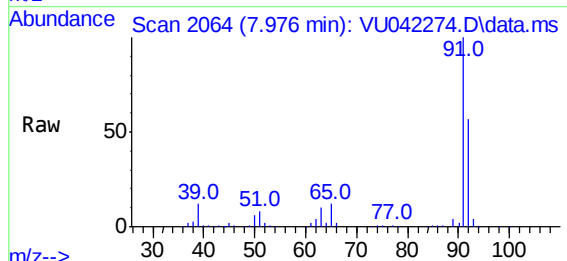




#42
Toluene
Concen: 47.52 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU042274.D
Acq: 05 Feb 2021 10:45

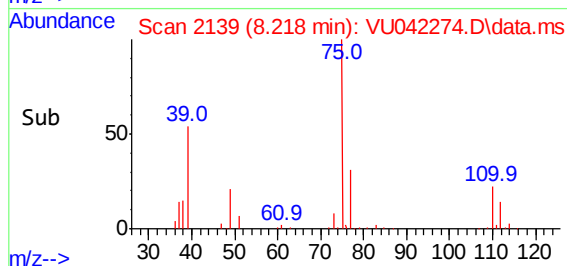
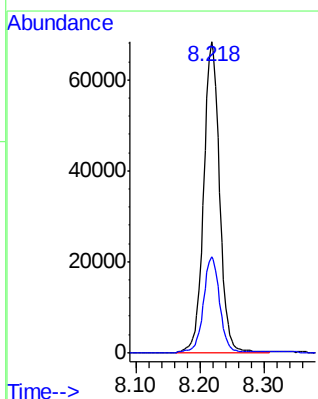
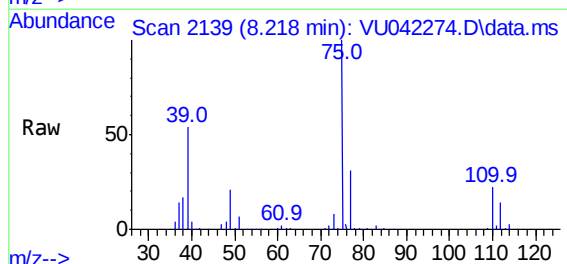
Instrument :
MSVOA_U
ClientSampleId :
VSTD050304

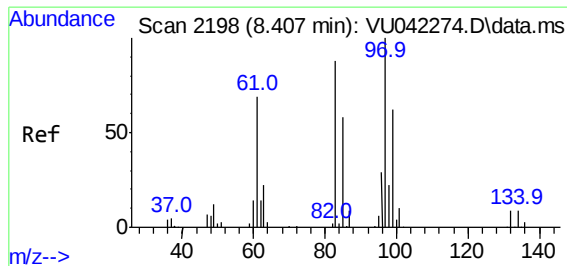
Tgt Ion: 91 Resp: 284424
Ion Ratio Lower Upper
91 100
92 57.5 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 49.69 ug/L
RT: 8.218 min Scan# 2139
Delta R.T. 0.000 min
Lab File: VU042274.D
Acq: 05 Feb 2021 10:45

Tgt Ion: 75 Resp: 116185
Ion Ratio Lower Upper
75 100
77 30.9 21.6 40.2



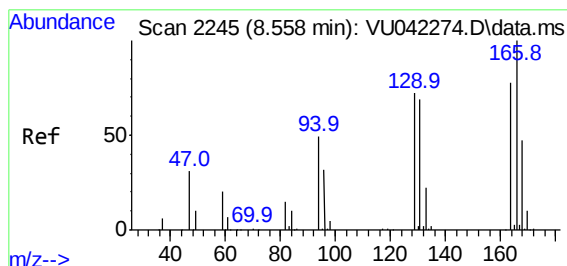
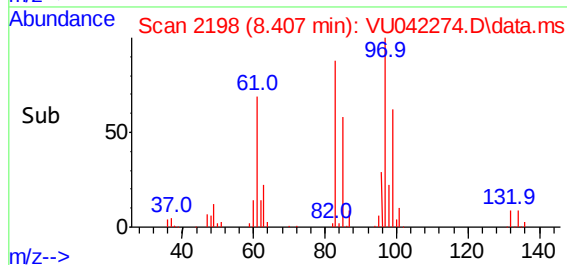
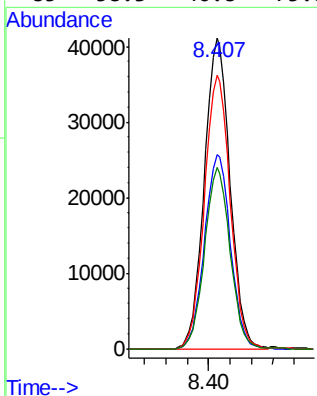
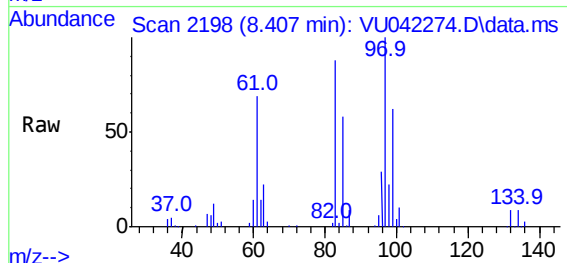


#45
1,1,2-Trichloroethane
Concen: 47.03 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. 0.000 min
Lab File: VU042274.D
Acq: 05 Feb 2021 10:45

Instrument :
MSVOA_U
ClientSampleId :
VSTD050304

Tgt Ion: 97 Resp: 68128

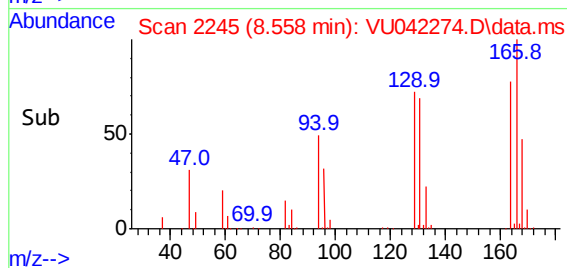
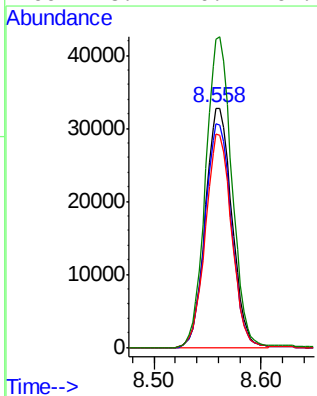
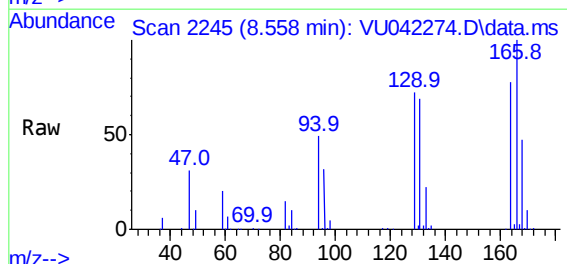
Ion	Ratio	Lower	Upper
97	100		
99	62.4	43.7	81.1
83	88.2	61.7	114.7
85	58.3	40.8	75.8

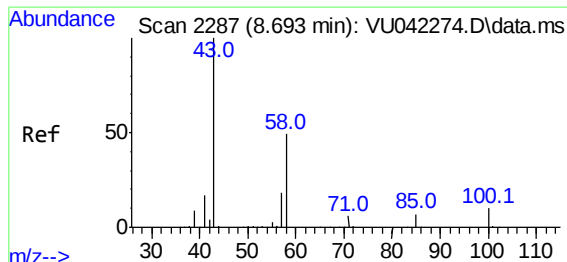


#46
Tetrachloroethene
Concen: 54.98 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU042274.D
Acq: 05 Feb 2021 10:45

Tgt Ion: 164 Resp: 55841

Ion	Ratio	Lower	Upper
164	100		
129	93.2	65.2	121.2
131	89.1	62.4	115.8
166	128.9	90.2	167.6



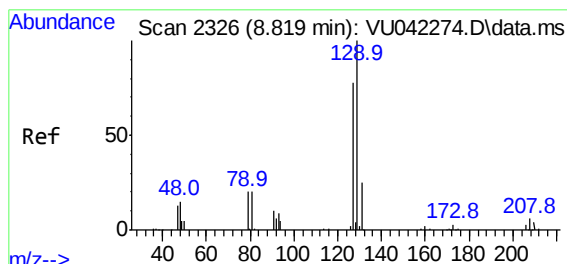
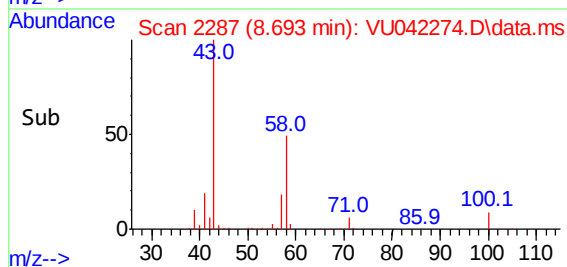
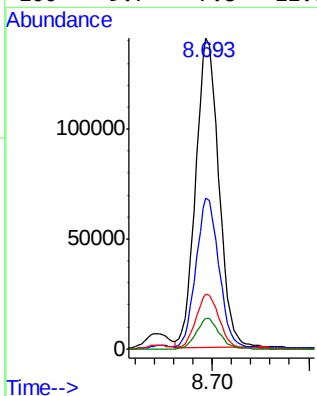
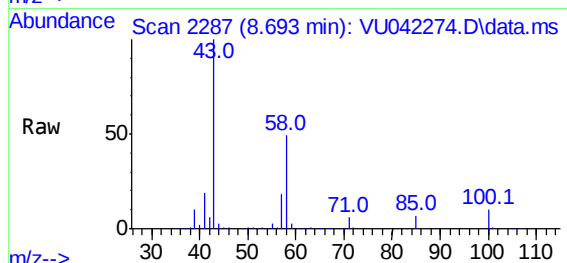


#48
2-Hexanone
Concen: 106.44 ug/L
RT: 8.693 min Scan# 2287
Delta R.T. 0.000 min
Lab File: VU042274.D
Acq: 05 Feb 2021 10:45

Instrument :
MSVOA_U
ClientSampleId :
VSTD050304

Tgt Ion: 43 Resp: 233738

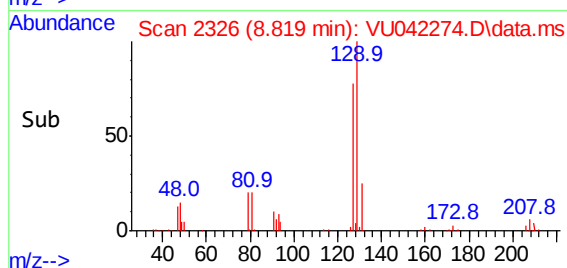
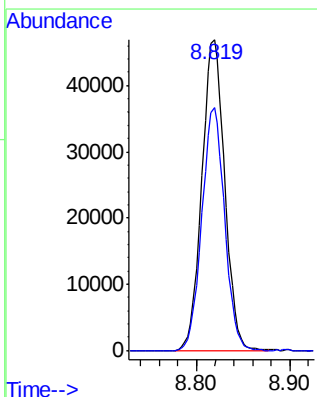
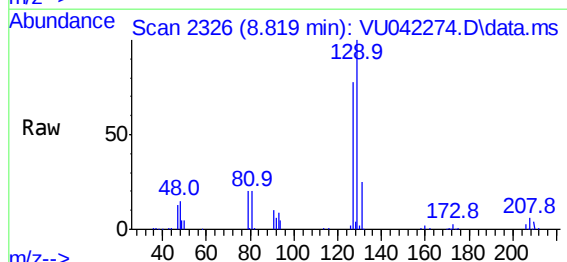
Ion	Ratio	Lower	Upper
43	100		
58	49.0	39.2	58.8
57	18.0	14.4	21.6
100	9.7	7.8	11.6

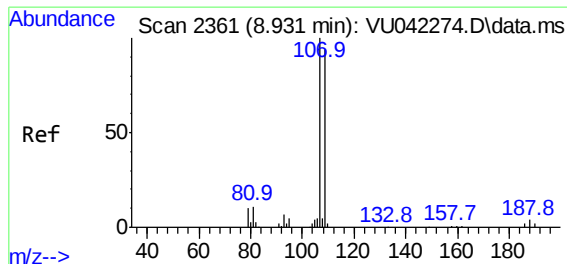


#49
Dibromochloromethane
Concen: 50.31 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VU042274.D
Acq: 05 Feb 2021 10:45

Tgt Ion: 129 Resp: 79906

Ion	Ratio	Lower	Upper
129	100		
127	78.2	54.7	101.7

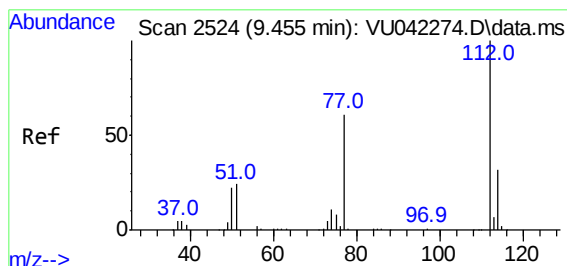
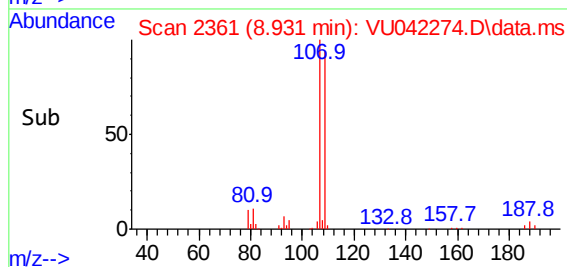
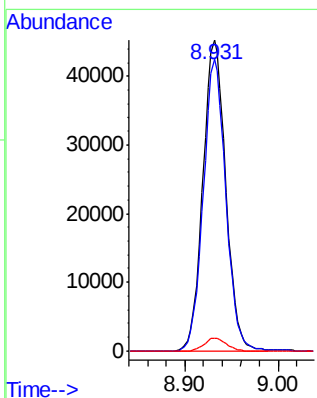
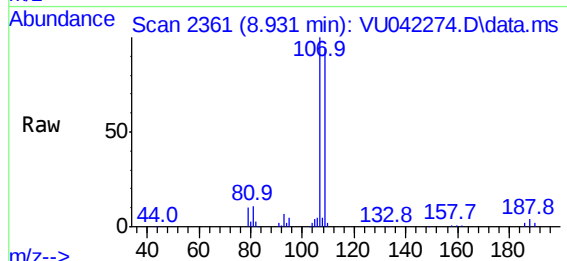




#50
1,2-Dibromoethane
Concen: 49.47 ug/L
RT: 8.931 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VU042274.D
Acq: 05 Feb 2021 10:45

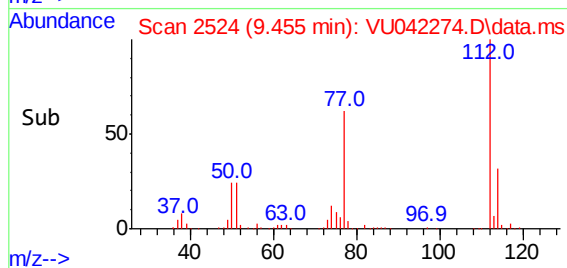
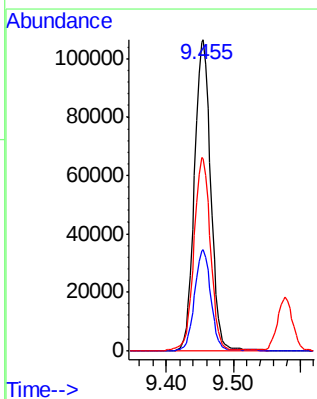
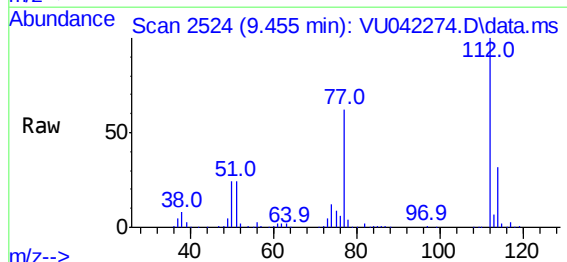
Instrument :
MSVOA_U
ClientSampleId :
VSTD050304

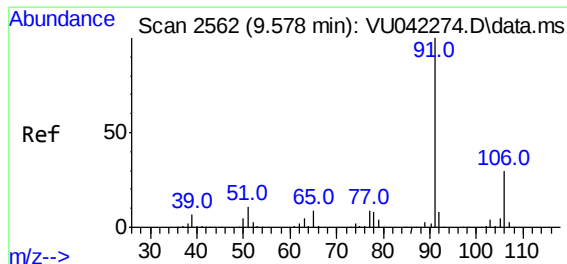
Tgt Ion:107 Resp: 76848
Ion Ratio Lower Upper
107 100
109 93.8 65.7 121.9
188 4.2 3.4 5.0



#51
Chlorobenzene
Concen: 47.20 ug/L
RT: 9.455 min Scan# 2524
Delta R.T. 0.000 min
Lab File: VU042274.D
Acq: 05 Feb 2021 10:45

Tgt Ion:112 Resp: 176800
Ion Ratio Lower Upper
112 100
114 32.4 22.7 42.1
77 61.8 49.4 74.2

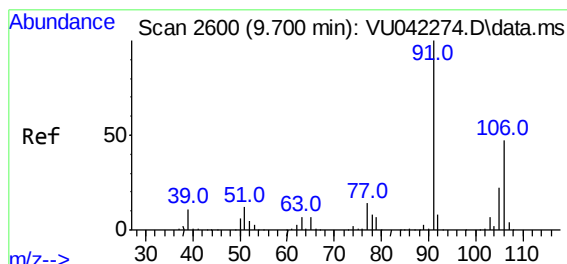
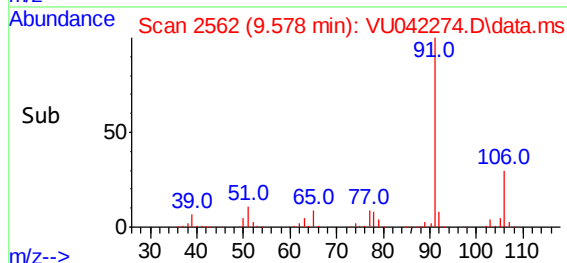
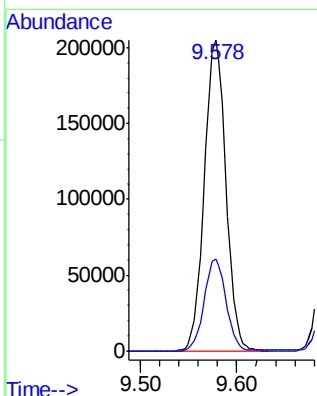
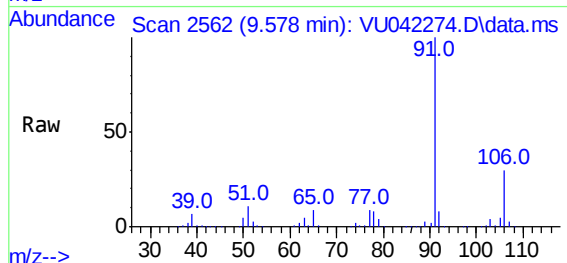




#52
Ethylbenzene
Concen: 48.72 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU042274.D
Acq: 05 Feb 2021 10:45

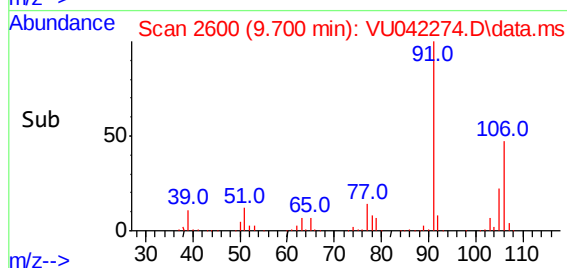
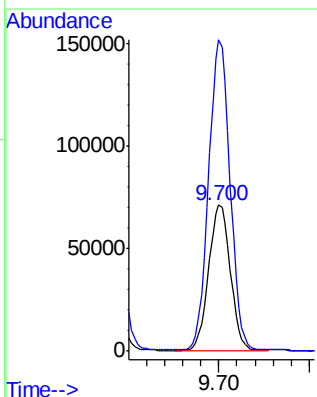
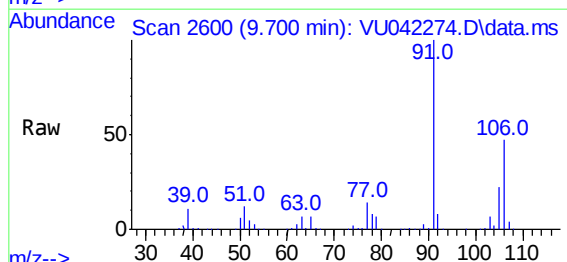
Instrument :
MSVOA_U
ClientSampleId :
VSTD050304

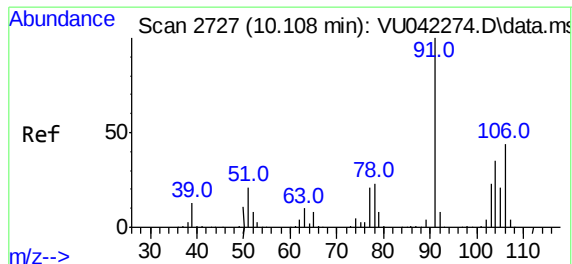
Tgt Ion: 91 Resp: 316958
Ion Ratio Lower Upper
91 100
106 29.7 20.8 38.6



#53
m,p-Xylene
Concen: 49.60 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. 0.000 min
Lab File: VU042274.D
Acq: 05 Feb 2021 10:45

Tgt Ion: 106 Resp: 117431
Ion Ratio Lower Upper
106 100
91 213.8 149.7 277.9

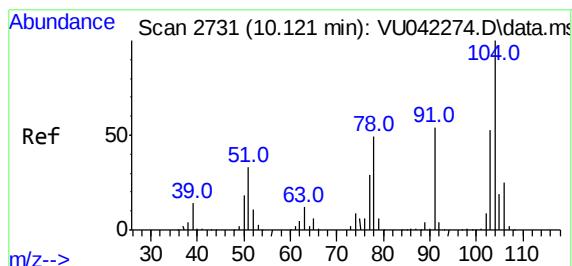
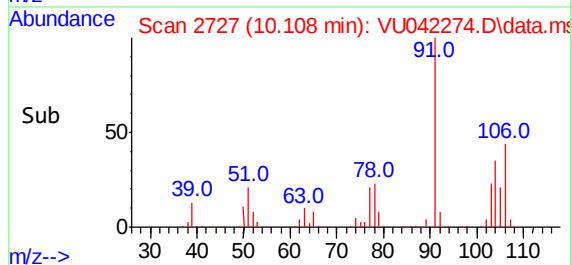
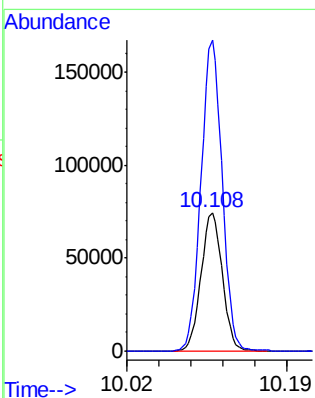
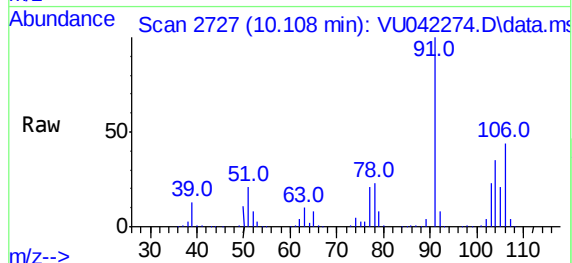




#54
o-xylene
Concen: 51.32 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU042274.D
Acq: 05 Feb 2021 10:45

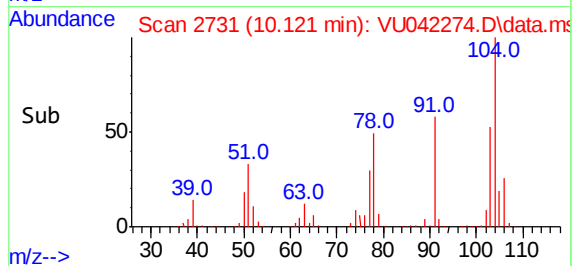
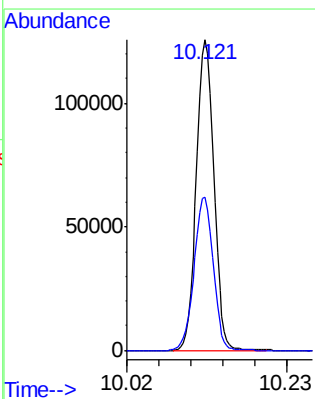
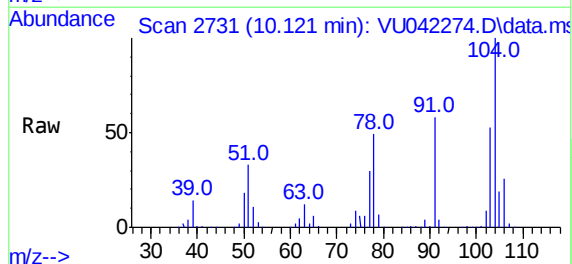
Instrument :
MSVOA_U
ClientSampleId :
VSTD050304

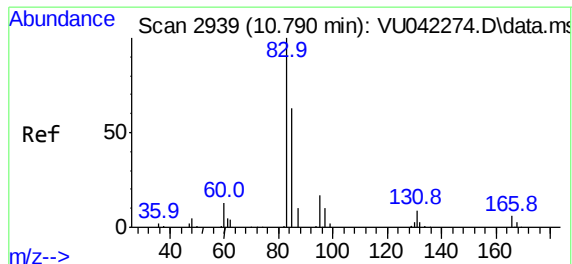
Tgt Ion:106 Resp: 117529
Ion Ratio Lower Upper
106 100
91 224.8 157.4 292.2



#55
Styrene
Concen: 49.97 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. 0.000 min
Lab File: VU042274.D
Acq: 05 Feb 2021 10:45

Tgt Ion:104 Resp: 200536
Ion Ratio Lower Upper
104 100
78 49.2 34.4 64.0

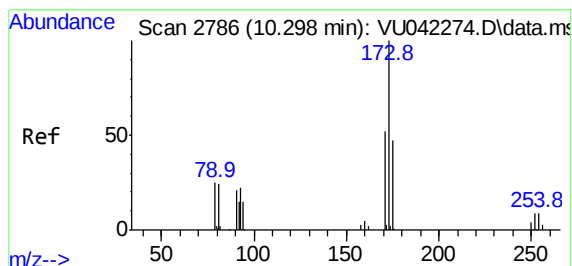
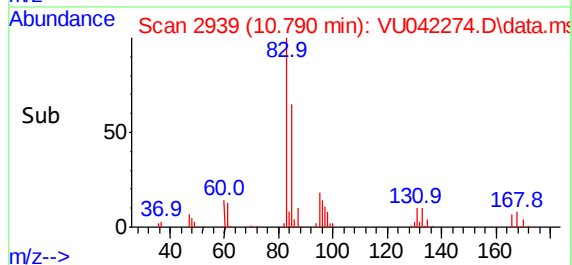
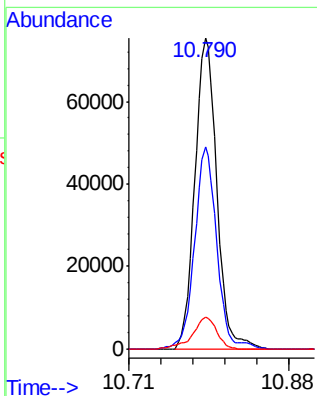
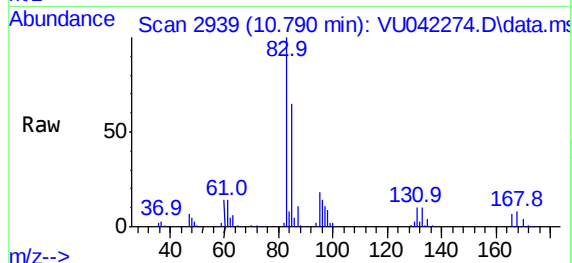




#57
1,1,2,2-Tetrachloroethane
Concen: 45.50 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. 0.000 min
Lab File: VU042274.D
Acq: 05 Feb 2021 10:45

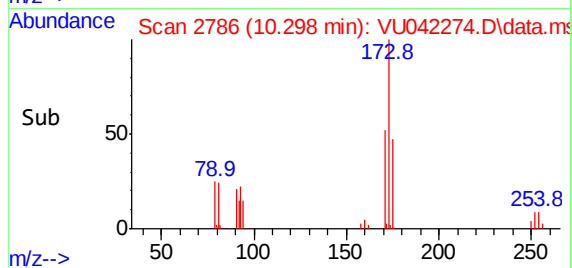
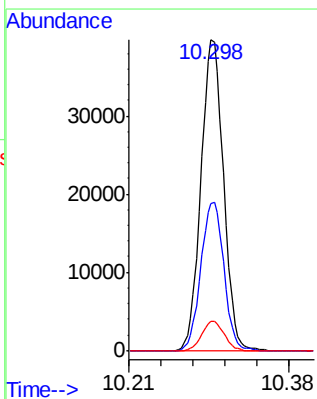
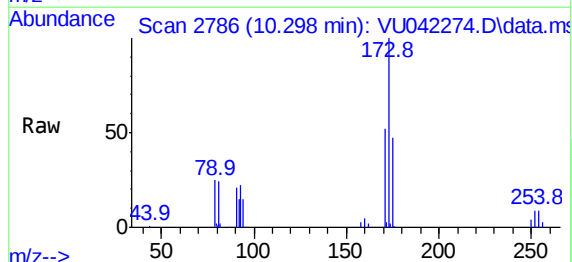
Instrument :
MSVOA_U
ClientSampleId :
VSTD050304

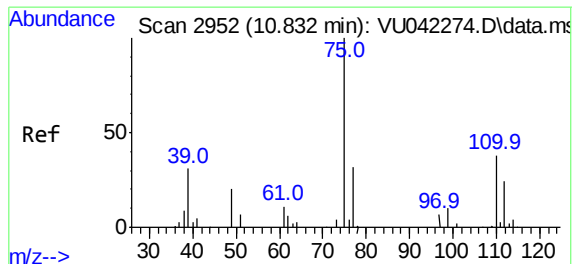
Tgt Ion: 83 Resp: 123116
Ion Ratio Lower Upper
83 100
85 64.8 45.4 84.2
131 10.1 8.1 12.1



#59
Bromoform
Concen: 53.68 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VU042274.D
Acq: 05 Feb 2021 10:45

Tgt Ion: 173 Resp: 66716
Ion Ratio Lower Upper
173 100
175 48.7 39.0 58.4
254 9.2 7.4 11.0

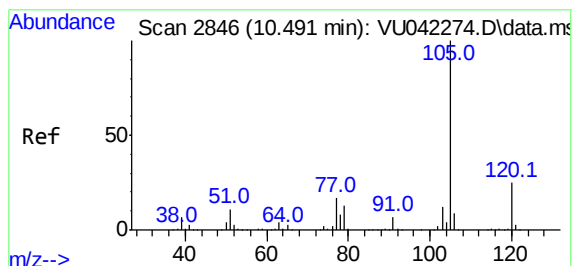
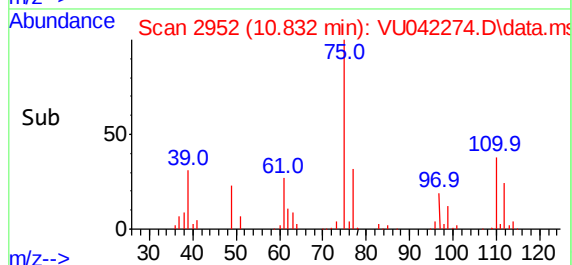
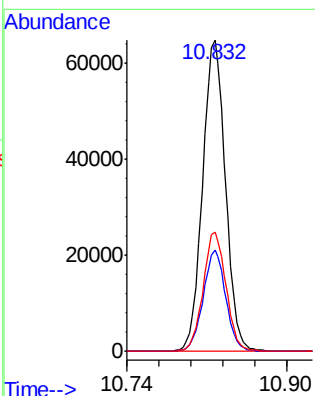
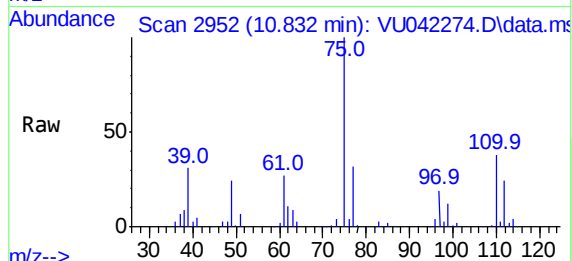




#60
1,2,3-Trichloropropane
Concen: 42.85 ug/L
RT: 10.832 min Scan# 2952
Delta R.T. 0.000 min
Lab File: VU042274.D
Acq: 05 Feb 2021 10:45

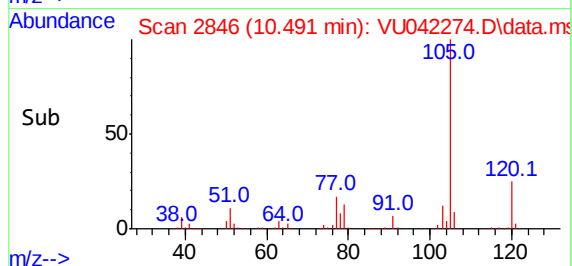
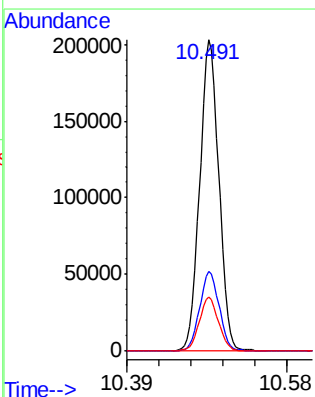
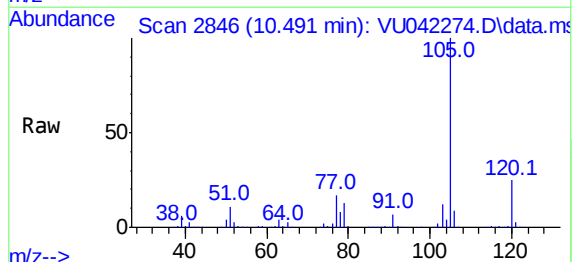
Instrument :
MSVOA_U
ClientSampleId :
VSTD050304

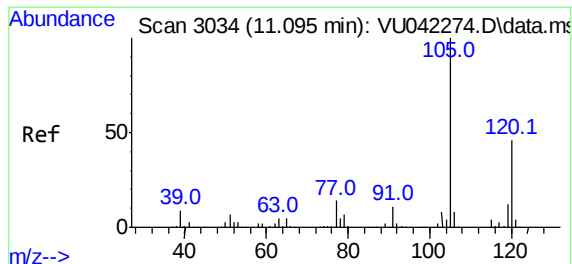
Tgt Ion: 75 Resp: 102408
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.2
110 37.9 30.3 45.5



#61
Isopropylbenzene
Concen: 48.74 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. 0.000 min
Lab File: VU042274.D
Acq: 05 Feb 2021 10:45

Tgt Ion: 105 Resp: 315537
Ion Ratio Lower Upper
105 100
120 25.6 20.5 30.7
77 17.0 13.6 20.4

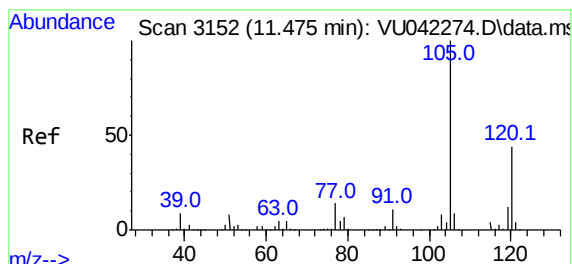
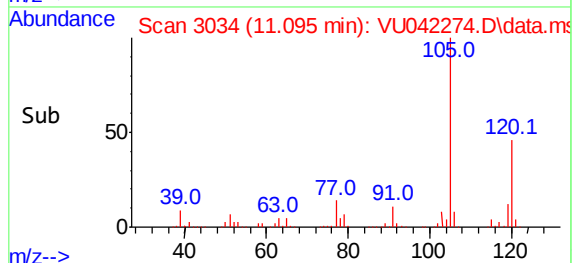
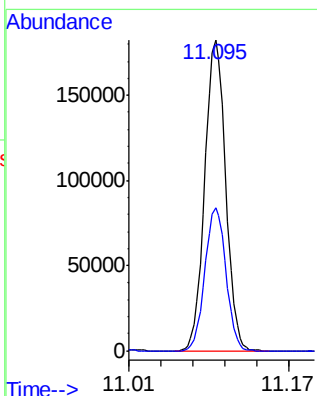
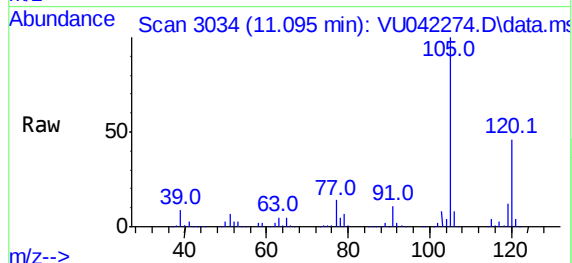




#62
1,3,5-Trimethylbenzene
Concen: 49.71 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU042274.D
Acq: 05 Feb 2021 10:45

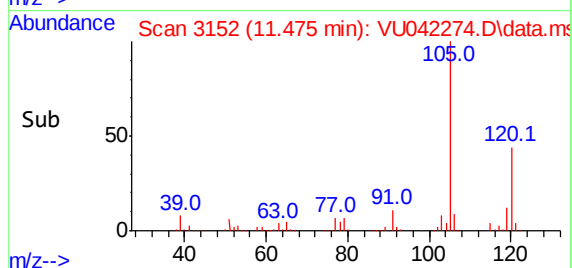
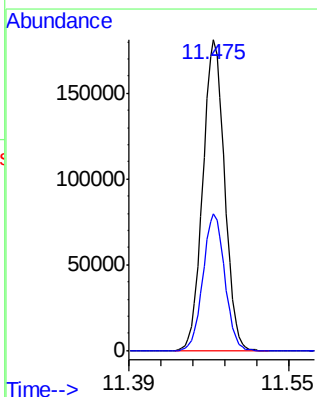
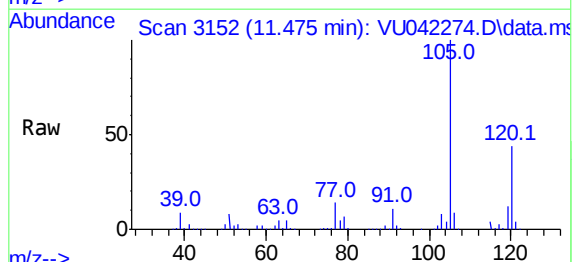
Instrument :
MSVOA_U
ClientSampleId :
VSTD050304

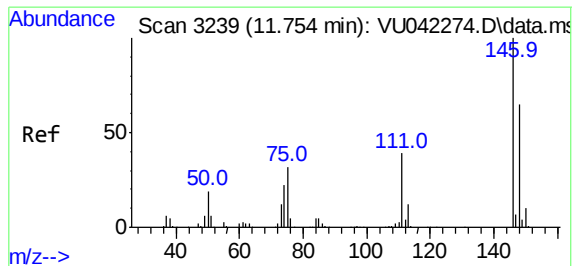
Tgt Ion:105 Resp: 273685
Ion Ratio Lower Upper
105 100
120 46.5 37.2 55.8



#63
1,2,4-Trimethylbenzene
Concen: 49.82 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VU042274.D
Acq: 05 Feb 2021 10:45

Tgt Ion:105 Resp: 273318
Ion Ratio Lower Upper
105 100
120 44.0 35.2 52.8

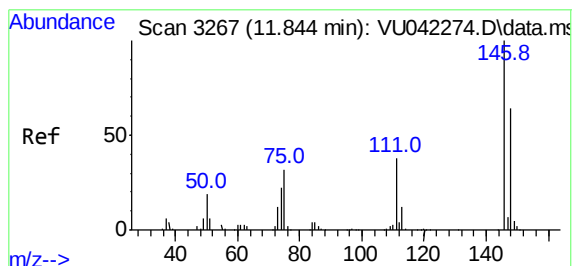
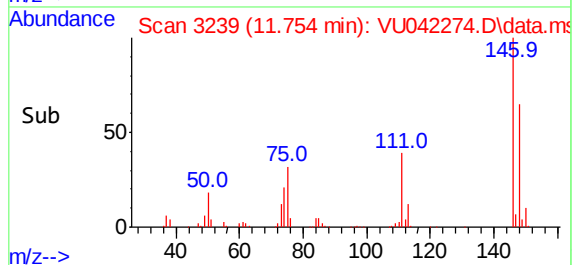
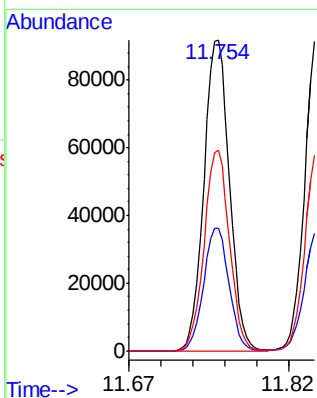
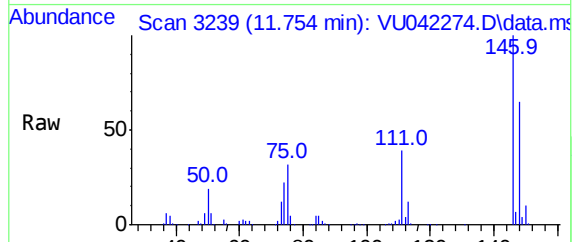




#64
1,3-Dichlorobenzene
Concen: 48.61 ug/L
RT: 11.754 min Scan# 3239
Delta R.T. 0.000 min
Lab File: VU042274.D
Acq: 05 Feb 2021 10:45

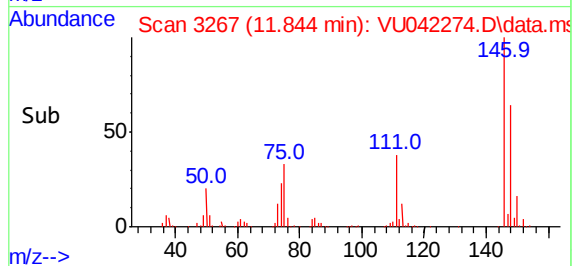
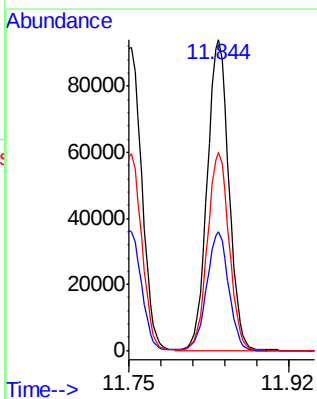
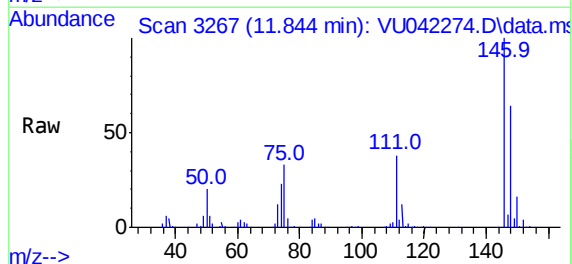
Instrument :
MSVOA_U
ClientSampleId :
VSTD050304

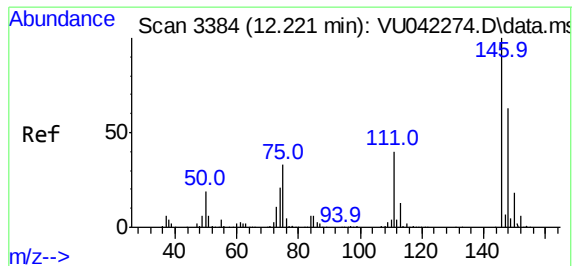
Tgt Ion:146 Resp: 146174
Ion Ratio Lower Upper
146 100
111 39.4 27.6 51.2
148 64.8 45.4 84.2



#65
1,4-Dichlorobenzene
Concen: 48.46 ug/L
RT: 11.844 min Scan# 3267
Delta R.T. 0.000 min
Lab File: VU042274.D
Acq: 05 Feb 2021 10:45

Tgt Ion:146 Resp: 145712
Ion Ratio Lower Upper
146 100
111 38.0 26.6 49.4
148 63.7 44.6 82.8

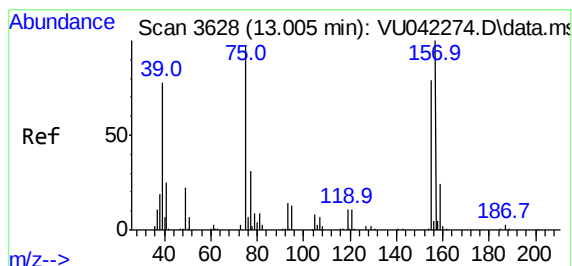
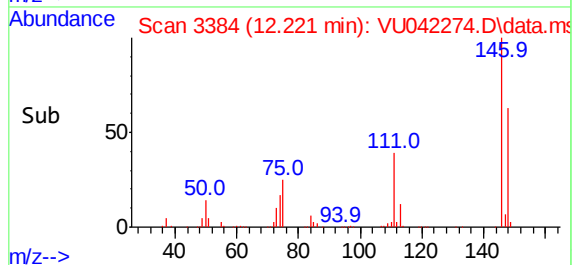
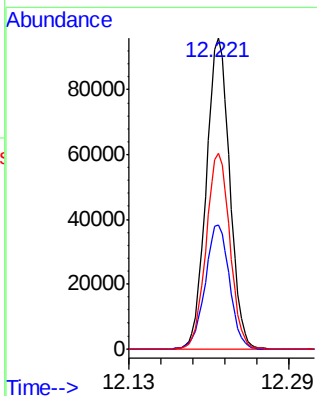
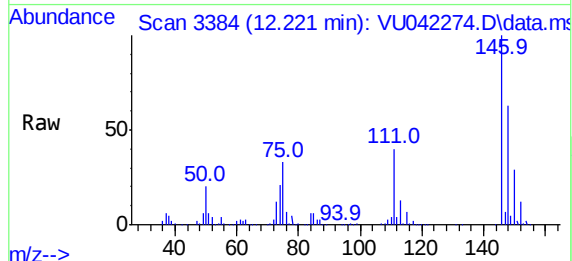




#67
1,2-Dichlorobenzene
Concen: 49.08 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. 0.000 min
Lab File: VU042274.D
Acq: 05 Feb 2021 10:45

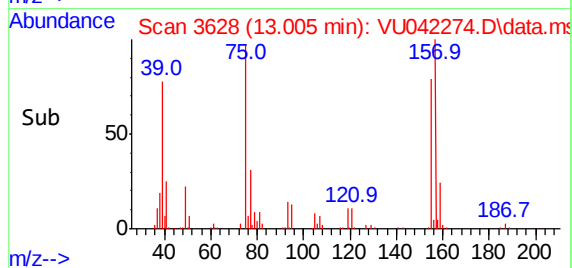
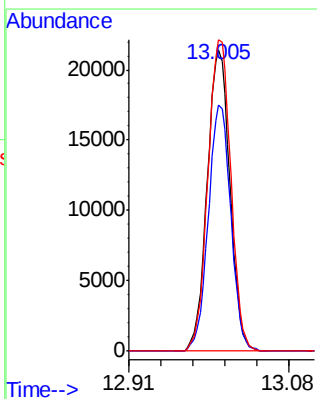
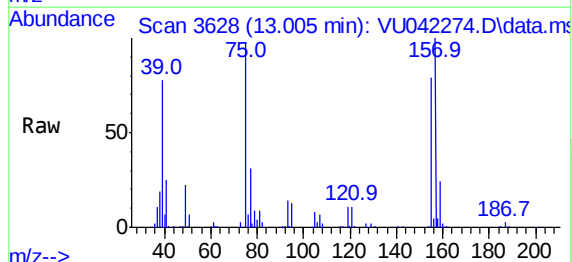
Instrument :
MSVOA_U
ClientSampleId :
VSTD050304

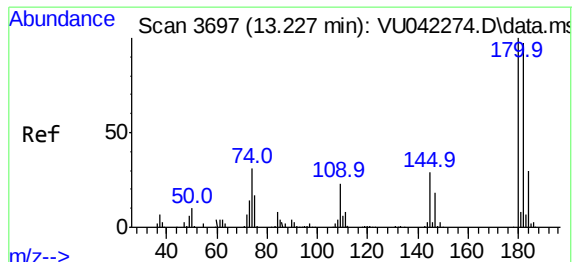
Tgt Ion:146 Resp: 150751
Ion Ratio Lower Upper
146 100
111 39.9 31.9 47.9
148 62.8 50.2 75.4



#68
1,2-Dibromo-3-chloropropane
Concen: 45.87 ug/L
RT: 13.005 min Scan# 3628
Delta R.T. 0.000 min
Lab File: VU042274.D
Acq: 05 Feb 2021 10:45

Tgt Ion: 75 Resp: 34837
Ion Ratio Lower Upper
75 100
155 81.5 65.2 97.8
157 103.4 82.7 124.1



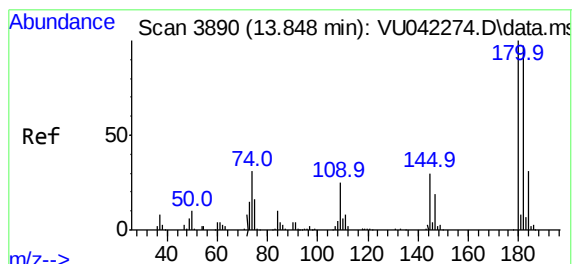
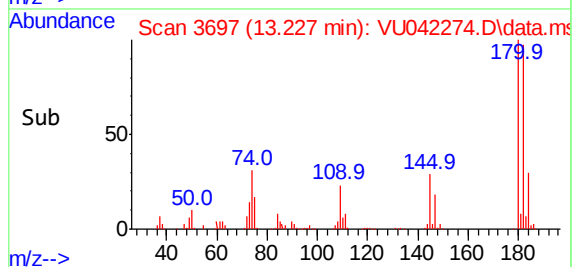
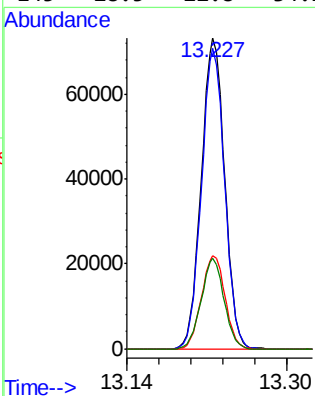
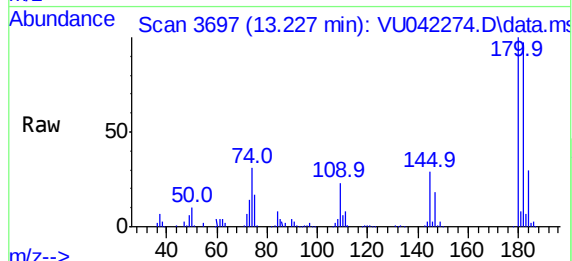


#69
 1,3,5-Trichlorobenzene
 Concen: 54.84 ug/L
 RT: 13.227 min Scan# 3697
 Delta R.T. 0.000 min
 Lab File: VU042274.D
 Acq: 05 Feb 2021 10:45

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050304

Tgt Ion:180 Resp: 114557

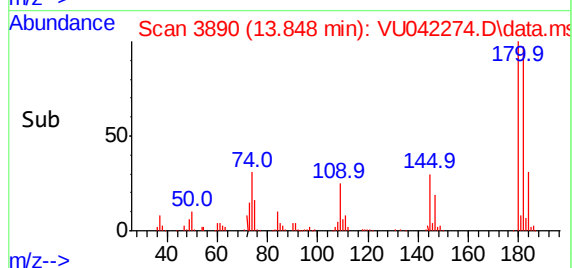
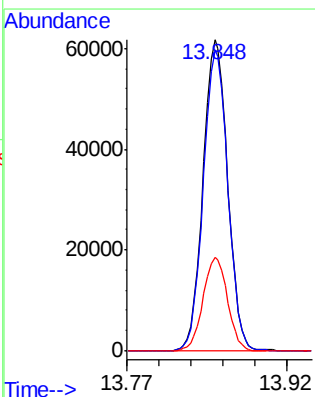
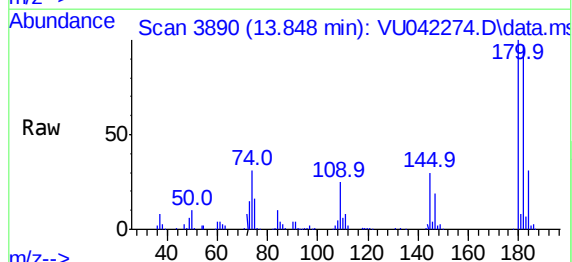
Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.8	115.2
184	30.1	24.1	36.1
145	28.5	22.8	34.2

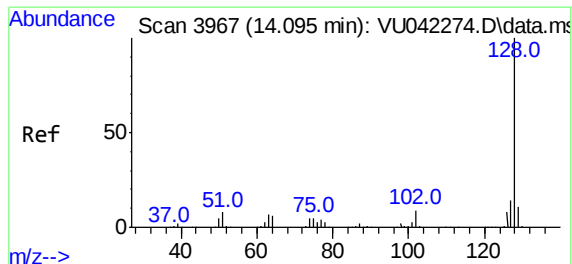


#70
 1,2,4-trichlorobenzene
 Concen: 59.72 ug/L
 RT: 13.848 min Scan# 3890
 Delta R.T. 0.000 min
 Lab File: VU042274.D
 Acq: 05 Feb 2021 10:45

Tgt Ion:180 Resp: 97363

Ion	Ratio	Lower	Upper
180	100		
182	96.5	77.2	115.8
145	29.6	23.7	35.5

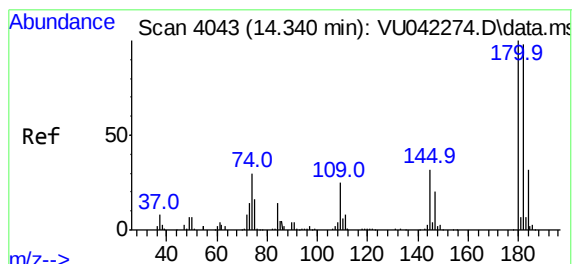
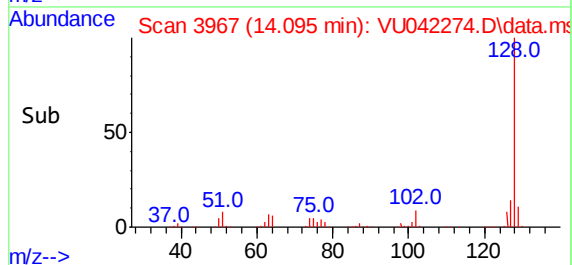
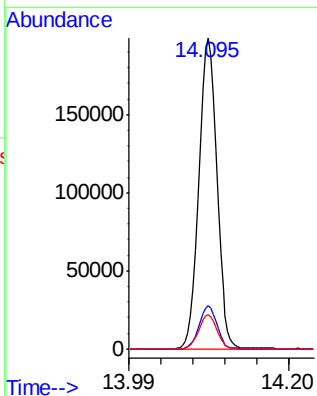
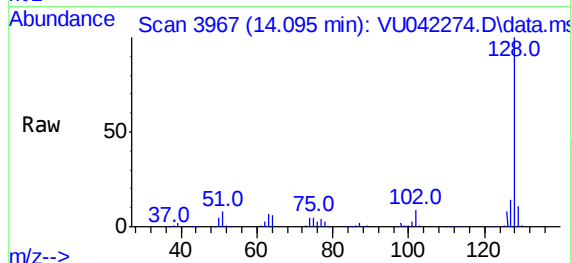




#71
Naphthalene
Concen: 58.42 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU042274.D
Acq: 05 Feb 2021 10:45

Instrument :
MSVOA_U
ClientSampleId :
VSTD050304

Tgt Ion:128 Resp: 317209
Ion Ratio Lower Upper
128 100
127 13.5 10.8 16.2
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 59.22 ug/L
RT: 14.340 min Scan# 4043
Delta R.T. 0.000 min
Lab File: VU042274.D
Acq: 05 Feb 2021 10:45

Tgt Ion:180 Resp: 98067
Ion Ratio Lower Upper
180 100
182 95.2 76.2 114.2
145 30.8 24.6 37.0

