

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020521\
 Data File : VU042284.D
 Acq On : 05 Feb 2021 18:50
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050161

Quant Time: Feb 06 07:27:41 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	6.256	114	180415	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	168470	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	89700	50.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	65535	48.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.54%
7) Chloroethane-d5	1.916	69	48508	52.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.20%
11) 1,1-Dichloroethene-d2	2.575	63	144599	49.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.80%
21) 2-Butanone-d5	4.636	46	141312	100.59	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.59%
24) Chloroform-d	5.073	84	138771	50.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.78%
26) 1,2-Dichloroethane-d4	5.710	65	97807	50.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.40%
32) Benzene-d6	5.736	84	247479	50.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.12%
36) 1,2-Dichloropropane-d6	6.700	67	81909	50.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.20%
41) Toluene-d8	7.906	98	232323	50.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.20%
43) trans-1,3-Dichloroprop...	8.189	79	43166	50.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.56%
47) 2-Hexanone-d5	8.642	63	93405	101.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.03%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	122272	50.24	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.48%
66) 1,2-Dichlorobenzene-d4	12.201	152	94995	50.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.02%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	75363	49.84	ug/L	98
3) Chloromethane	1.523	50	70785	51.27	ug/L	100
5) Vinyl chloride	1.607	62	70047	51.18	ug/L	100
6) Bromomethane	1.861	94	40187	52.44	ug/L	98
8) Chloroethane	1.935	64	41282	54.93	ug/L	100
9) Trichlorofluoromethane	2.141	101	110052	52.12	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	63454	50.16	ug/L	99
12) 1,1-Dichloroethene	2.585	96	60066	51.86	ug/L	90
13) Acetone	2.642	43	99092	78.09	ug/L	99
14) Carbon disulfide	2.800	76	175306	50.27	ug/L	100
15) Methyl Acetate	2.958	43	101205	51.86	ug/L	99
16) Methylene chloride	3.054	84	67851	51.81	ug/L	98
17) trans-1,2-Dichloroethene	3.363	96	61748	51.17	ug/L	97
18) Methyl tert-butyl Ether	3.372	73	226849	52.25	ug/L	99
19) 1,1-Dichloroethane	3.877	63	130968	52.37	ug/L	99
20) cis-1,2-Dichloroethene	4.674	96	70116	51.69	ug/L	100
22) 2-Butanone	4.716	43	154958	94.30	ug/L	99
23) Bromochloromethane	4.983	128	37606	52.22	ug/L	98
25) Chloroform	5.099	83	132658	52.27	ug/L	99
27) 1,2-Dichloroethane	5.803	62	118268	52.71	ug/L	100

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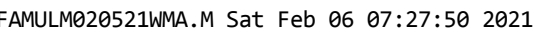
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050161

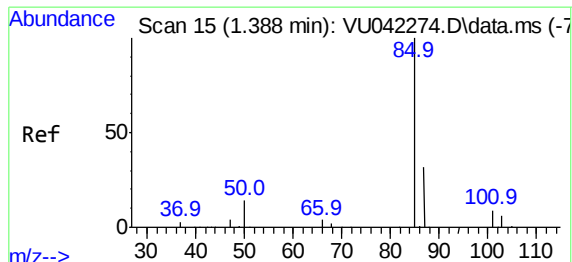
Quant Time: Feb 06 07:27:41 2021
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 Quant Title : VOC Analysis
 QLast Update : Sat Feb 06 07:13:30 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	5.398	56	115052	51.26	ug/L	100
30) 1,1,1-Trichloroethane	5.327	97	120473	52.26	ug/L	99
31) Carbon tetrachloride	5.533	117	103163	52.03	ug/L	98
33) Benzene	5.784	78	270243	52.47	ug/L	100
34) Trichloroethene	6.549	95	70719	52.40	ug/L	100
35) Methylcyclohexane	6.771	83	107768	51.83	ug/L	99
37) 1,2-Dichloropropane	6.800	63	74705	51.80	ug/L	99
38) Bromodichloromethane	7.115	83	100336	51.76	ug/L	97
39) cis-1,3-Dichloropropene	7.616	75	117135	52.15	ug/L	98
40) 4-Methyl-2-pentanone	7.800	43	295171	103.65	ug/L	99
42) Toluene	7.977	91	288230	52.38	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	116128	52.48	ug/L	100
45) 1,1,2-Trichloroethane	8.407	97	68601	51.86	ug/L	99
46) Tetrachloroethene	8.562	164	57112	53.56	ug/L	98
48) 2-Hexanone	8.694	43	234728	101.81	ug/L	98
49) Dibromochloromethane	8.819	129	81649	52.99	ug/L	97
50) 1,2-Dibromoethane	8.932	107	77769	52.43	ug/L	97
51) Chlorobenzene	9.456	112	179125	51.29	ug/L	98
52) Ethylbenzene	9.578	91	317949	51.88	ug/L	98
53) m,p-Xylene	9.700	106	117123	51.28	ug/L	98
54) o-xylene	10.108	106	118776	52.28	ug/L	98
55) Styrene	10.121	104	201965	52.00	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.790	83	124317	51.63	ug/L	100
59) Bromoform	10.298	173	65365	51.96	ug/L	98
60) 1,2,3-Trichloropropane	10.832	75	103566	52.38	ug/L	100
61) Isopropylbenzene	10.491	105	319194	53.46	ug/L	100
62) 1,3,5-Trimethylbenzene	11.095	105	274007	53.03	ug/L	98
63) 1,2,4-Trimethylbenzene	11.475	105	272710	52.39	ug/L	99
64) 1,3-Dichlorobenzene	11.755	146	146960	52.19	ug/L	98
65) 1,4-Dichlorobenzene	11.845	146	145983	50.91	ug/L	97
67) 1,2-Dichlorobenzene	12.221	146	151659	52.41	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.005	75	34272	52.10	ug/L	98
69) 1,3,5-Trichlorobenzene	13.227	180	114442	52.73	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	100983	55.47	ug/L	99
71) Naphthalene	14.095	128	317497	55.24	ug/L	100
72) 1,2,3-Trichlorobenzene	14.340	180	99443	53.73	ug/L	100

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

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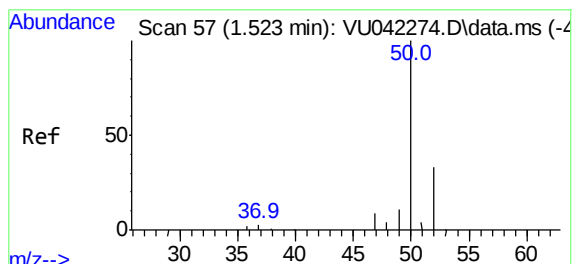
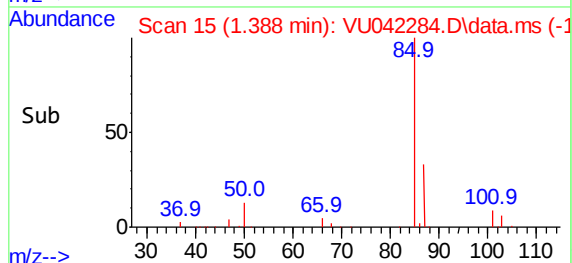
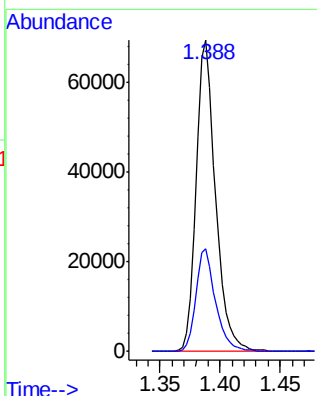
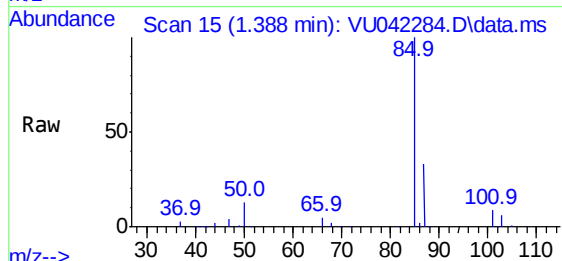


#2

Dichlorodifluoromethane
Concen: 49.84 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU042284.D
Acq: 05 Feb 2021 18:50

Instrument :
MSVOA_U
ClientSampleId :
VSTD050161

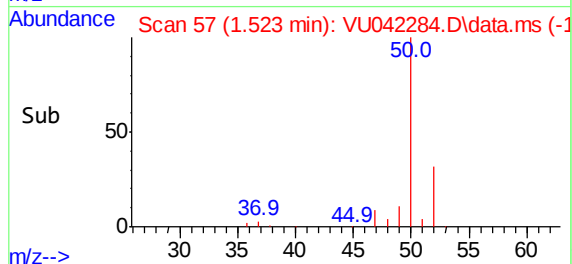
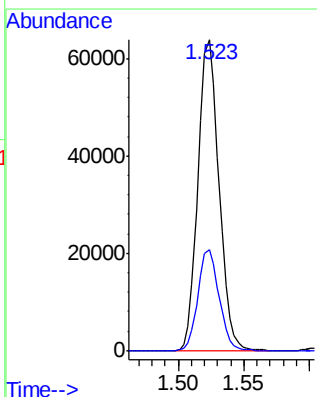
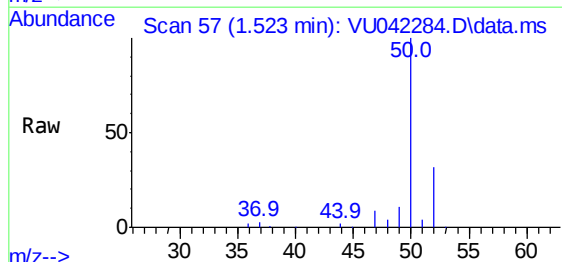
Tgt Ion: 85 Resp: 75363
Ion Ratio Lower Upper
85 100
87 33.0 25.4 38.2

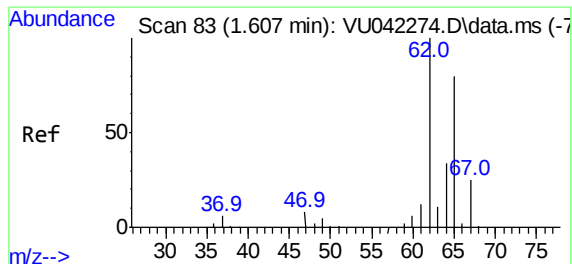


#3

Chloromethane
Concen: 51.27 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042284.D
Acq: 05 Feb 2021 18:50

Tgt Ion: 50 Resp: 70785
Ion Ratio Lower Upper
50 100
52 32.4 22.8 42.4

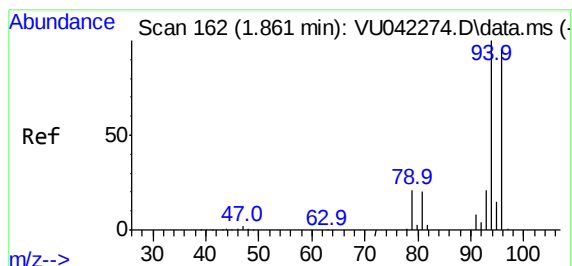
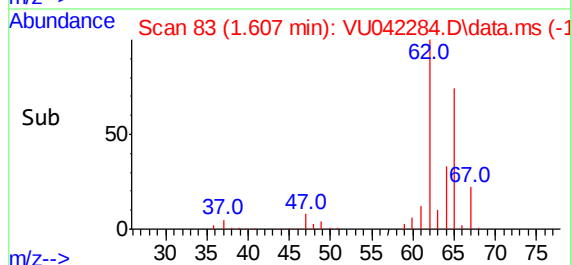
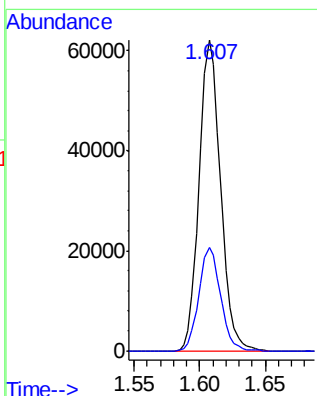
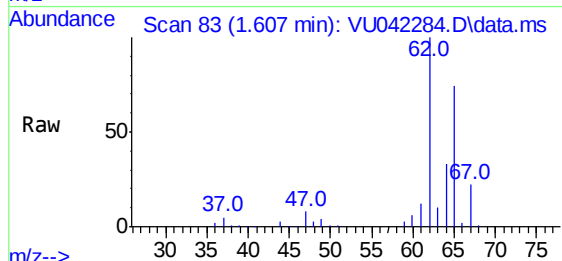




#5
 Vinyl chloride
 Concen: 51.18 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU042284.D
 Acq: 05 Feb 2021 18:50

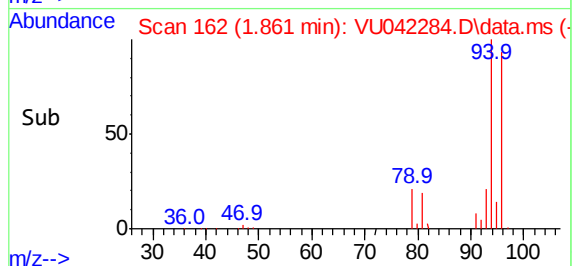
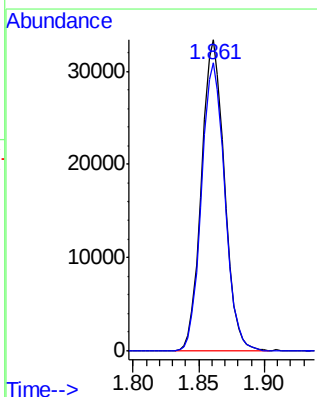
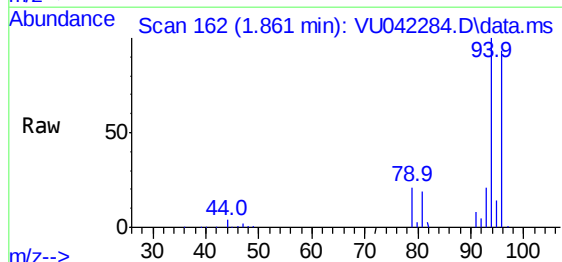
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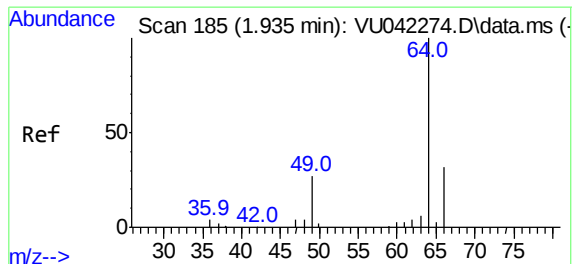
Tgt Ion: 62 Resp: 70047
 Ion Ratio Lower Upper
 62 100
 64 33.5 23.6 43.8



#6
 Bromomethane
 Concen: 52.44 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. 0.000 min
 Lab File: VU042284.D
 Acq: 05 Feb 2021 18:50

Tgt Ion: 94 Resp: 40187
 Ion Ratio Lower Upper
 94 100
 96 92.5 66.3 123.1

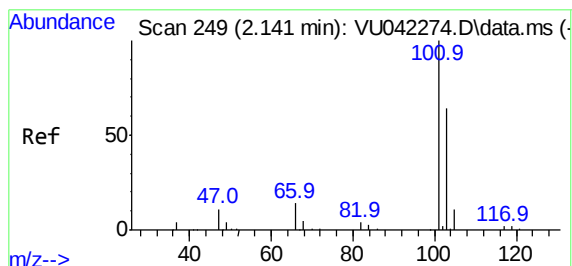
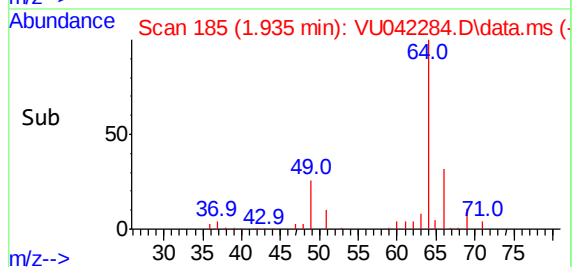
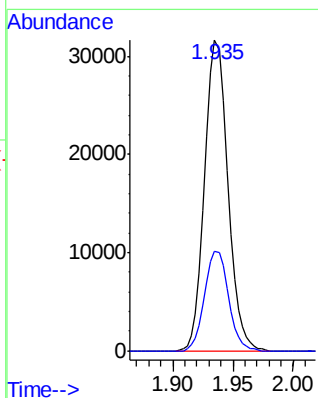
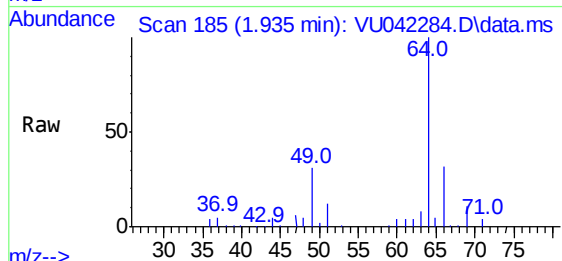




#8
Chloroethane
Concen: 54.93 ug/L
RT: 1.935 min Scan# 185
Delta R.T. 0.000 min
Lab File: VU042284.D
Acq: 05 Feb 2021 18:50

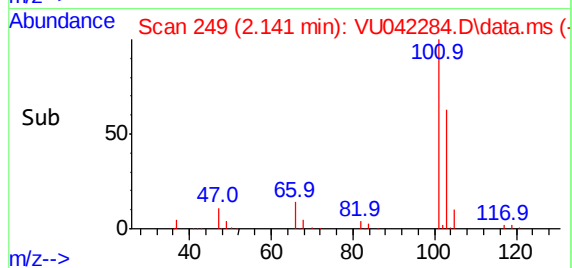
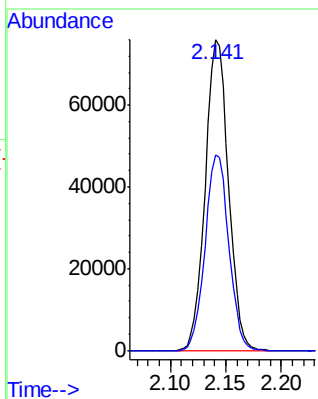
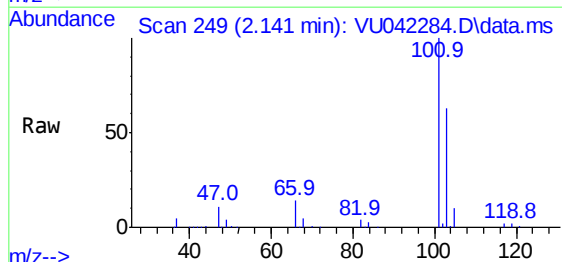
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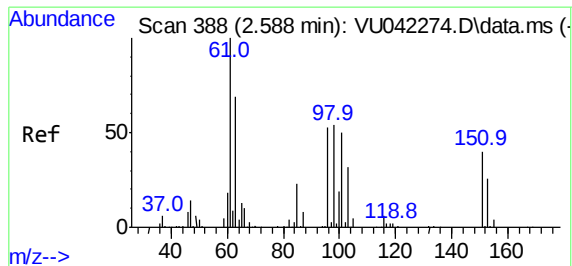
Tgt Ion: 64 Resp: 41282
Ion Ratio Lower Upper
64 100
66 32.0 22.5 41.7



#9
Trichlorofluoromethane
Concen: 52.12 ug/L
RT: 2.141 min Scan# 249
Delta R.T. -0.000 min
Lab File: VU042284.D
Acq: 05 Feb 2021 18:50

Tgt Ion:101 Resp: 110052
Ion Ratio Lower Upper
101 100
103 64.3 51.4 77.0

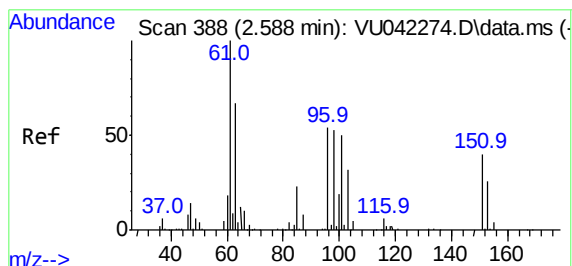
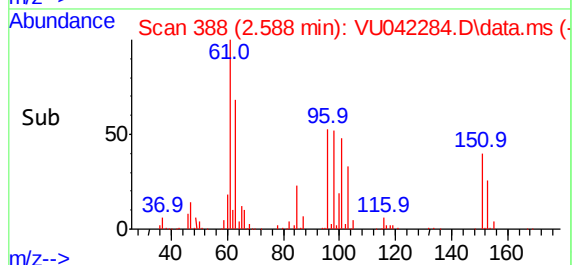
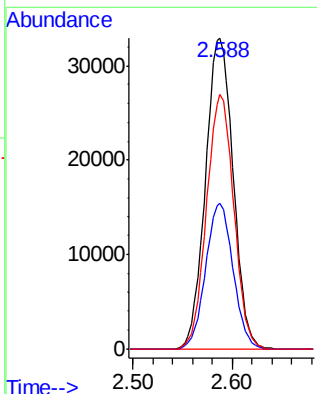
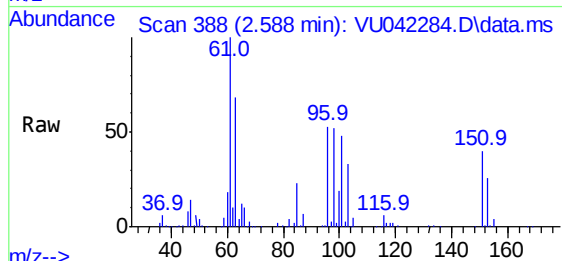




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 50.16 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU042284.D
 Acq: 05 Feb 2021 18:50

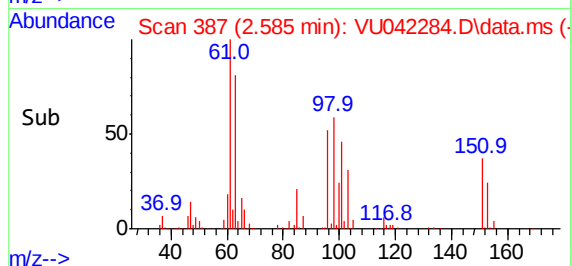
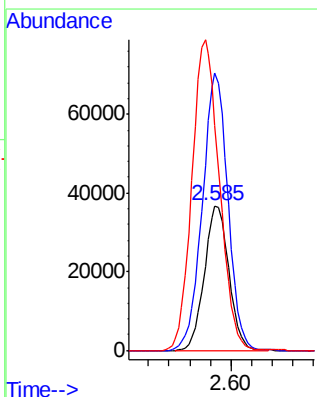
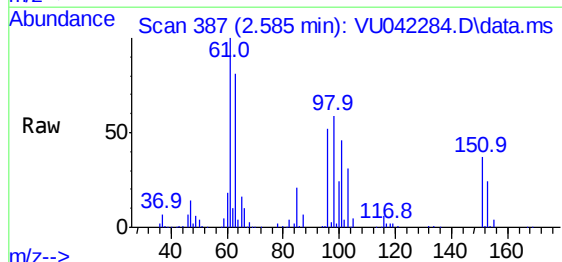
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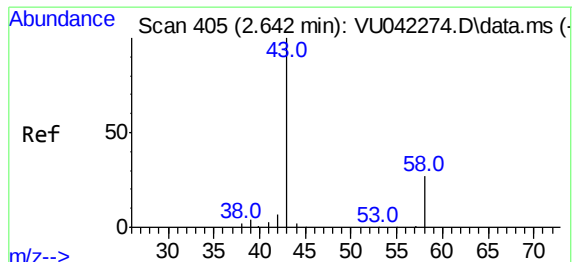
Tgt Ion:101 Resp: 63454
 Ion Ratio Lower Upper
 101 100
 85 46.1 36.7 55.1
 151 80.5 62.9 94.3



#12
 1,1-Dichloroethene
 Concen: 51.86 ug/L
 RT: 2.585 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VU042284.D
 Acq: 05 Feb 2021 18:50

Tgt Ion: 96 Resp: 60066
 Ion Ratio Lower Upper
 96 100
 61 191.9 131.6 244.4
 63 156.0 92.6 172.0

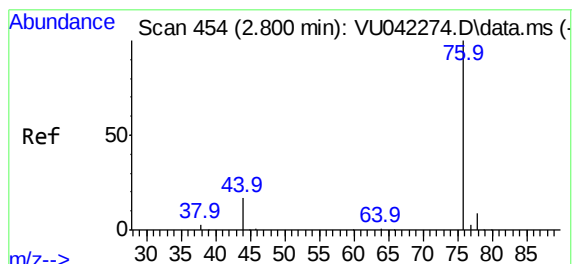
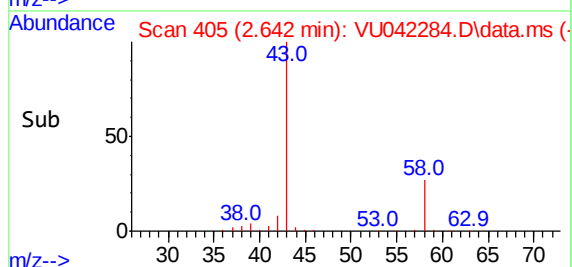
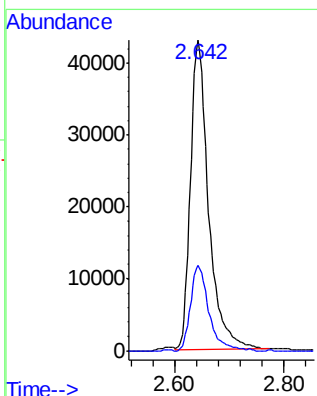
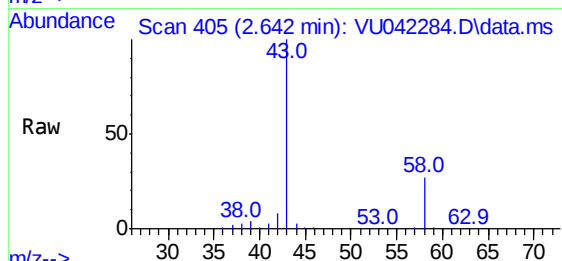




#13
Acetone
Concen: 78.09 ug/L
RT: 2.642 min Scan# 405
Delta R.T. 0.000 min
Lab File: VU042284.D
Acq: 05 Feb 2021 18:50

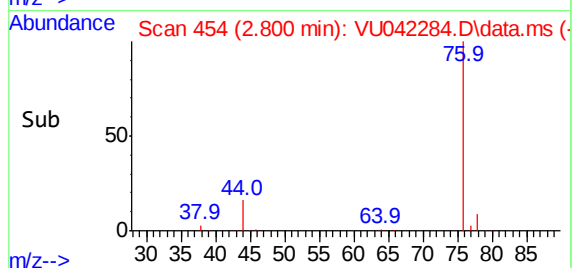
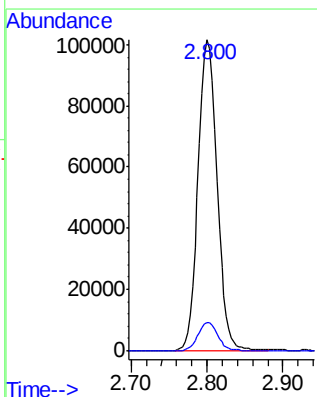
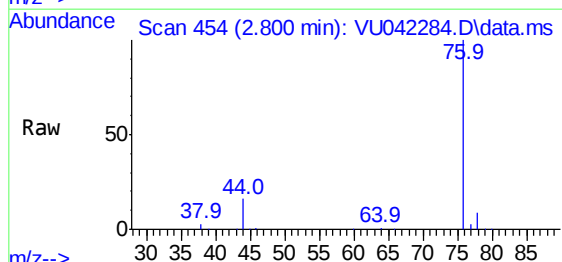
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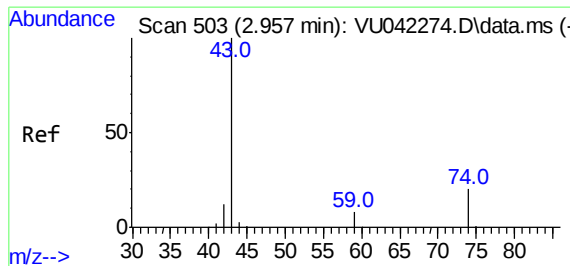
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Ion Ratio Lower Upper
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58 27.7 0.0 54.0



#14
Carbon disulfide
Concen: 50.27 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
Lab File: VU042284.D
Acq: 05 Feb 2021 18:50

Tgt Ion: 76 Resp: 175306
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0

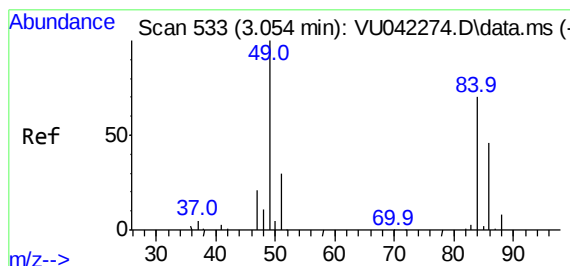
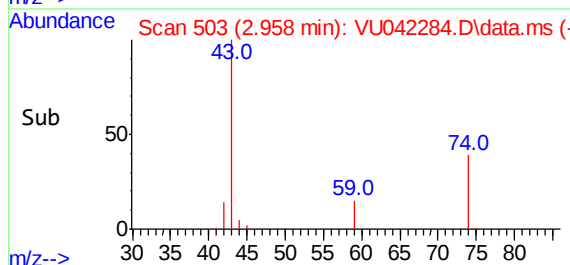
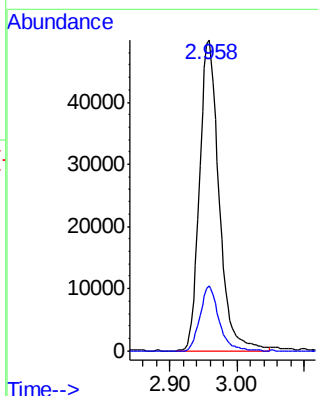
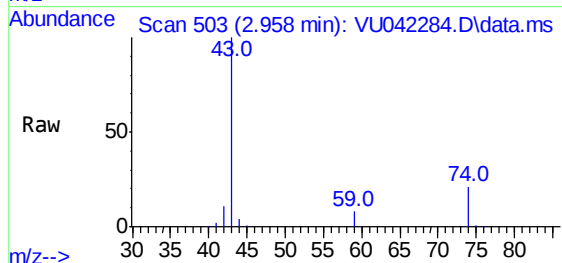




#15
Methyl Acetate
Concen: 51.86 ug/L
RT: 2.958 min Scan# 503
Delta R.T. 0.001 min
Lab File: VU042284.D
Acq: 05 Feb 2021 18:50

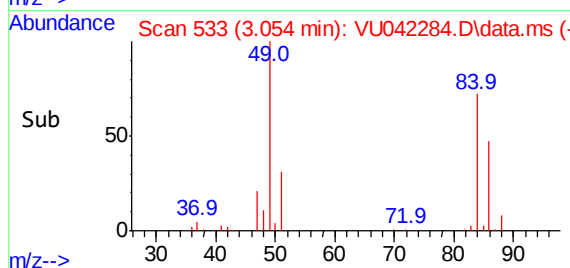
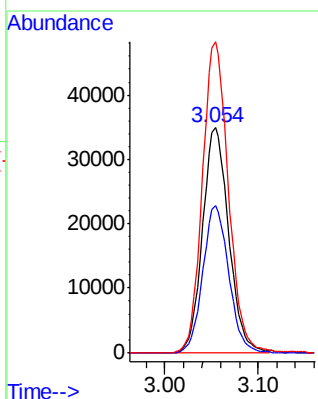
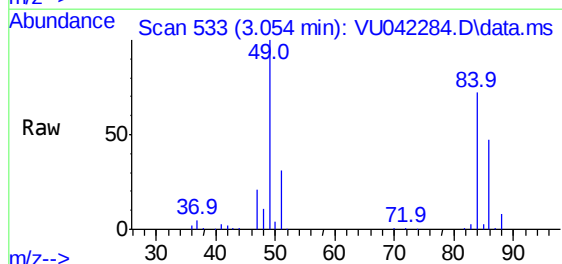
Instrument :
MSVOA_U
ClientSampleId :
VSTD050161

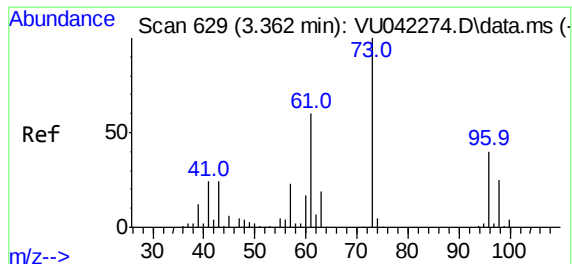
Tgt Ion: 43 Resp: 101205
Ion Ratio Lower Upper
43 100
74 20.0 15.8 23.6



#16
Methylene chloride
Concen: 51.81 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU042284.D
Acq: 05 Feb 2021 18:50

Tgt Ion: 84 Resp: 67851
Ion Ratio Lower Upper
84 100
86 65.3 46.0 85.4
49 138.2 99.5 184.9

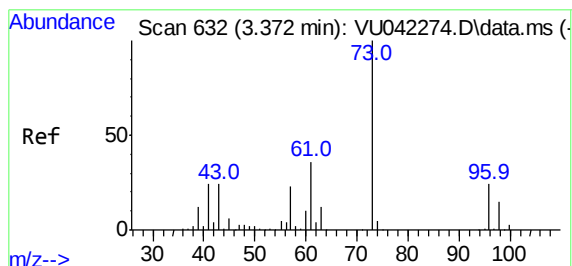
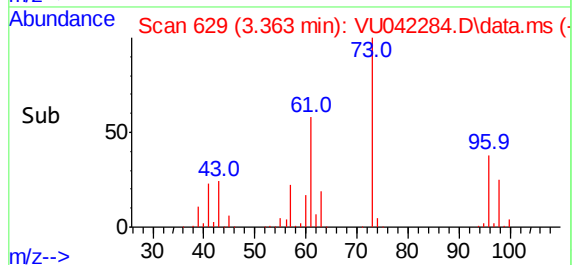
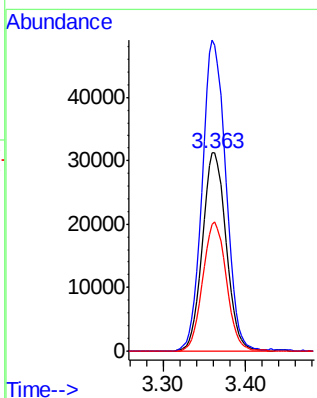
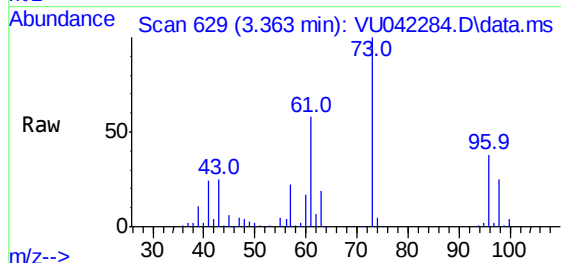




#17
trans-1,2-Dichloroethene
Concen: 51.17 ug/L
RT: 3.363 min Scan# 629
Delta R.T. 0.000 min
Lab File: VU042284.D
Acq: 05 Feb 2021 18:50

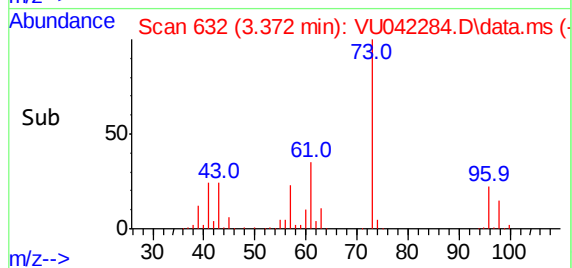
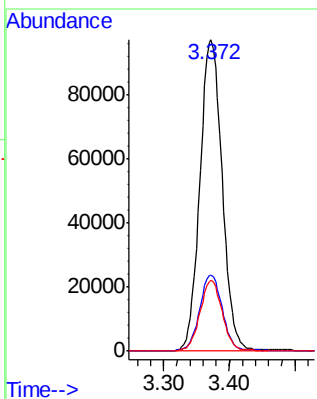
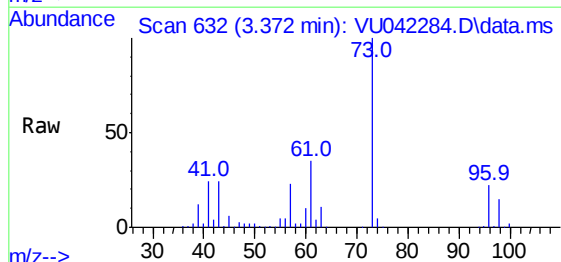
Instrument :
MSVOA_U
ClientSampleId :
VSTD050161

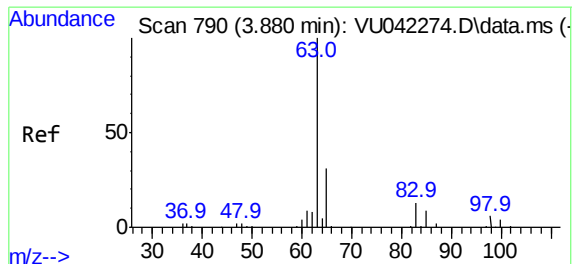
Tgt Ion: 96 Resp: 61748
Ion Ratio Lower Upper
96 100
61 154.2 104.6 194.2
98 65.0 44.4 82.4



#18
Methyl tert-butyl Ether
Concen: 52.25 ug/L
RT: 3.372 min Scan# 632
Delta R.T. 0.000 min
Lab File: VU042284.D
Acq: 05 Feb 2021 18:50

Tgt Ion: 73 Resp: 226849
Ion Ratio Lower Upper
73 100
43 24.6 19.4 29.0
57 22.3 18.2 27.2

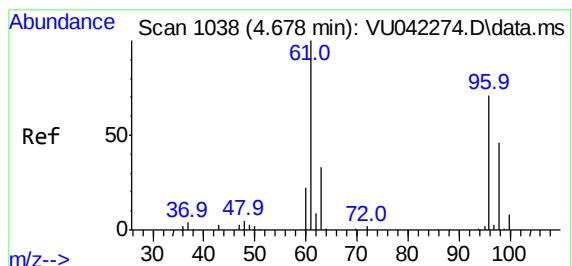
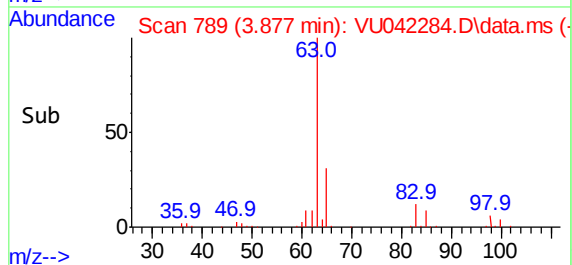
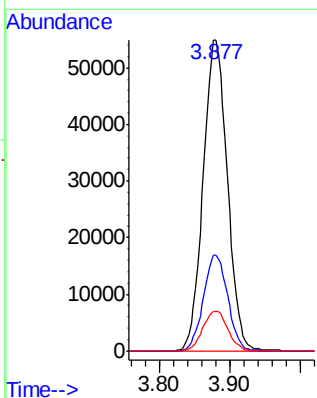
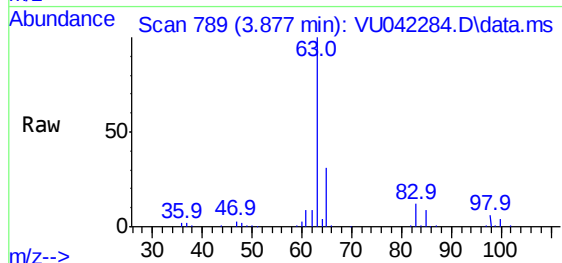




#19
1,1-Dichloroethane
Concen: 52.37 ug/L
RT: 3.877 min Scan# 789
Delta R.T. -0.003 min
Lab File: VU042284.D
Acq: 05 Feb 2021 18:50

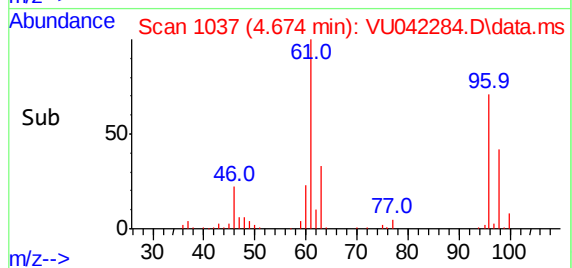
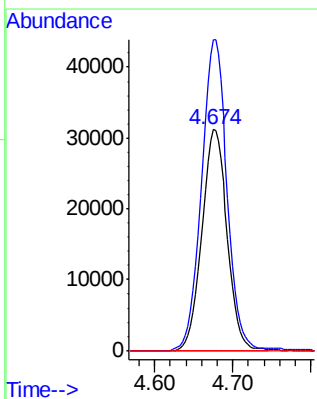
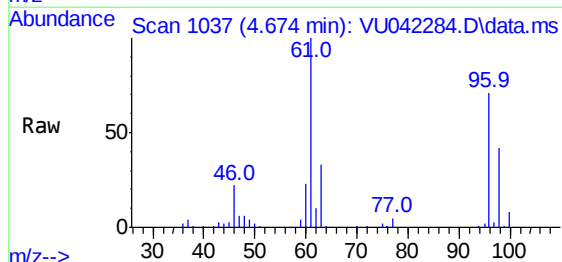
Instrument :
MSVOA_U
ClientSampleId :
VSTD050161

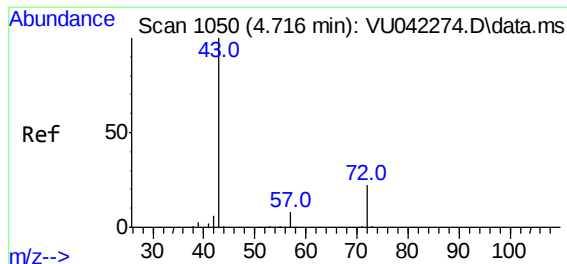
Tgt Ion: 63 Resp: 130968
Ion Ratio Lower Upper
63 100
65 30.7 21.8 40.4
83 12.5 9.1 16.9



#20
cis-1,2-Dichloroethene
Concen: 51.69 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. -0.003 min
Lab File: VU042284.D
Acq: 05 Feb 2021 18:50

Tgt Ion: 96 Resp: 70116
Ion Ratio Lower Upper
96 100
61 140.7 98.6 183.0
68 0.0 0.0 0.0

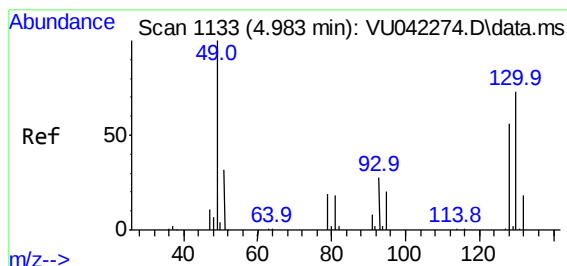
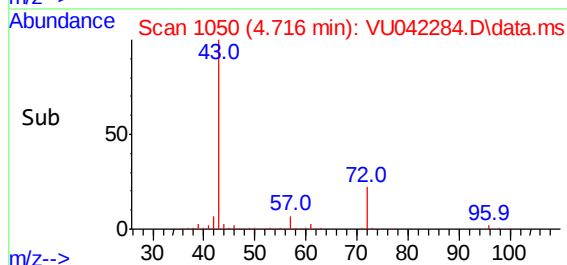
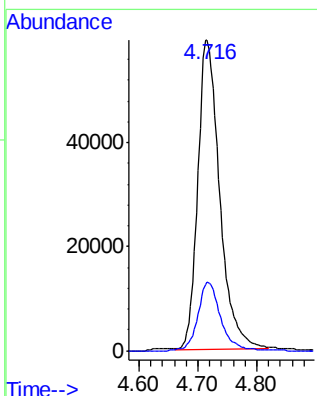
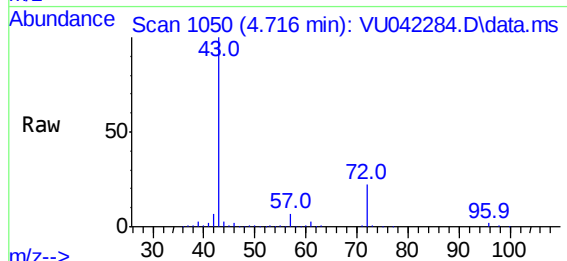




#22
2-Butanone
Concen: 94.30 ug/L
RT: 4.716 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VU042284.D
Acq: 05 Feb 2021 18:50

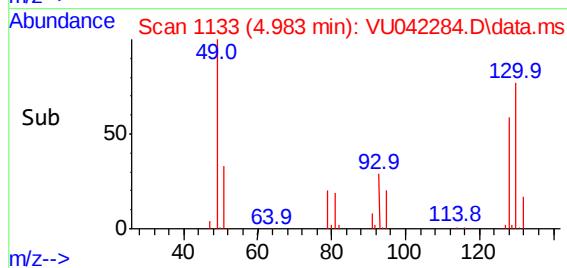
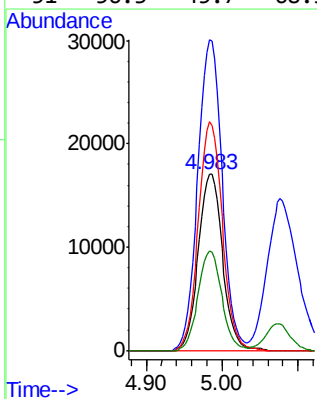
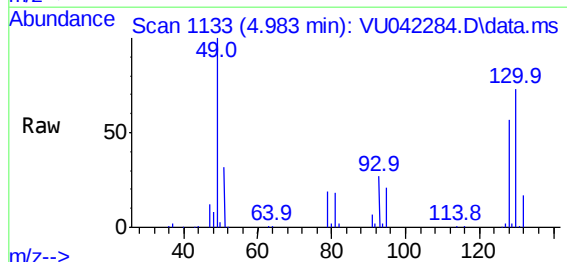
Instrument :
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ClientSampleId :
VSTD050161

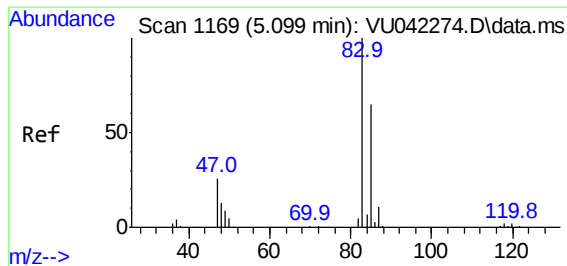
Tgt Ion: 43 Resp: 154958
Ion Ratio Lower Upper
43 100
72 23.0 11.7 35.1



#23
Bromochloromethane
Concen: 52.22 ug/L
RT: 4.983 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VU042284.D
Acq: 05 Feb 2021 18:50

Tgt Ion: 128 Resp: 37606
Ion Ratio Lower Upper
128 100
49 176.3 125.9 233.9
130 129.5 91.7 170.3
51 56.3 45.7 68.5

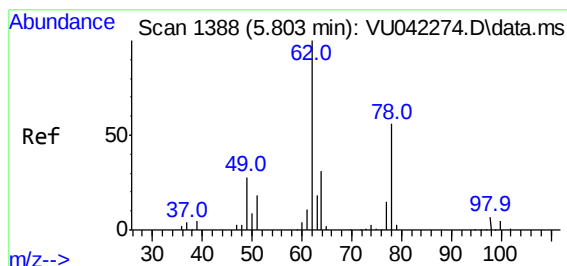
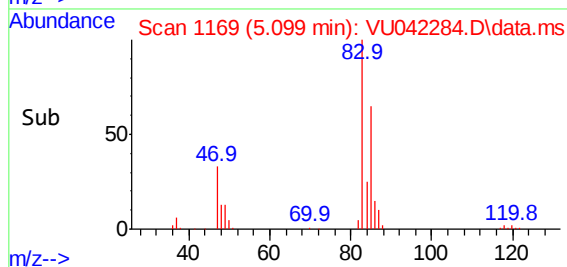
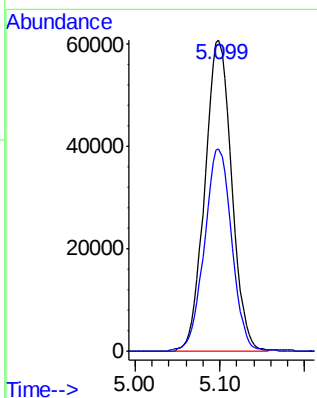
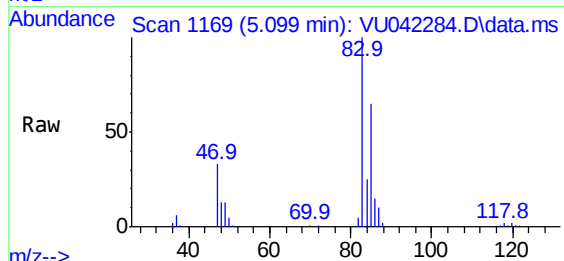




#25
Chloroform
Concen: 52.27 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU042284.D
Acq: 05 Feb 2021 18:50

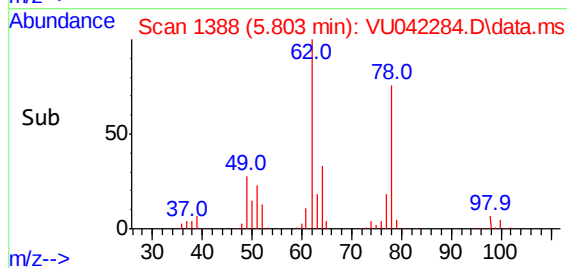
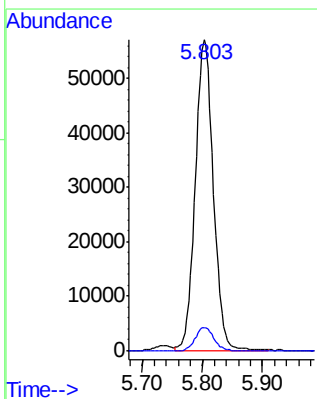
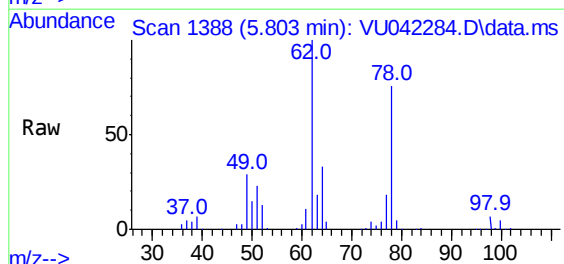
Instrument :
MSVOA_U
ClientSampleId :
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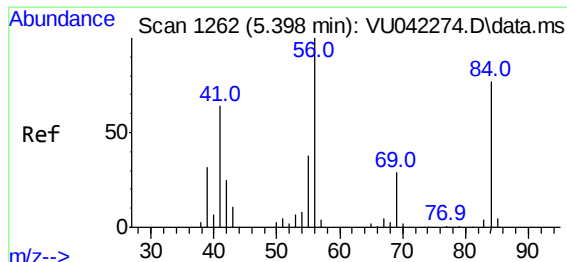
Tgt Ion: 83 Resp: 132658
Ion Ratio Lower Upper
83 100
85 65.0 46.1 85.5



#27
1,2-Dichloroethane
Concen: 52.71 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VU042284.D
Acq: 05 Feb 2021 18:50

Tgt Ion: 62 Resp: 118268
Ion Ratio Lower Upper
62 100
98 7.4 5.8 8.8





#29

Cyclohexane

Concen: 51.26 ug/L

RT: 5.398 min Scan# 1262

Delta R.T. 0.000 min

Lab File: VU042284.D

Acq: 05 Feb 2021 18:50

Instrument :

MSVOA_U

ClientSampleId :

VSTD050161

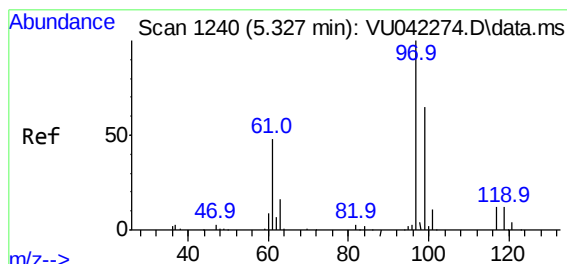
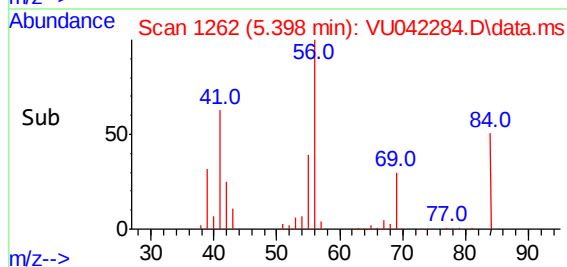
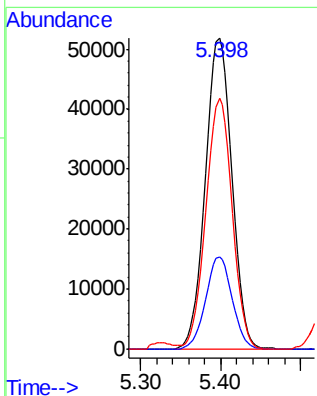
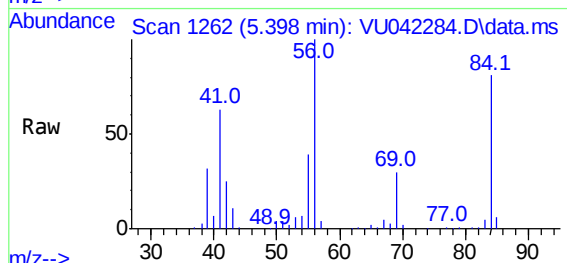
Tgt Ion: 56 Resp: 115052

Ion Ratio Lower Upper

56 100

69 29.3 23.5 35.3

84 80.2 64.2 96.2



#30

1,1,1-Trichloroethane

Concen: 52.26 ug/L

RT: 5.327 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VU042284.D

Acq: 05 Feb 2021 18:50

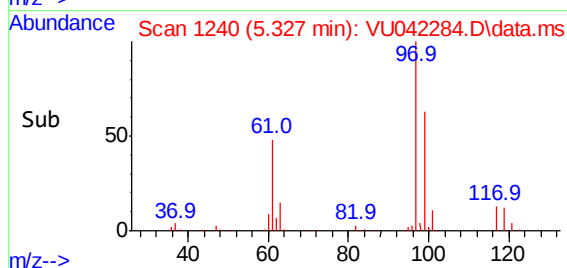
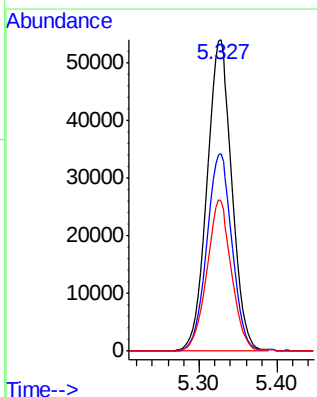
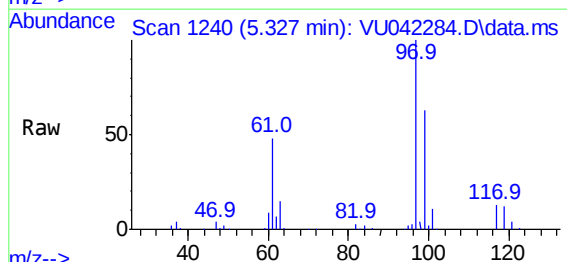
Tgt Ion: 97 Resp: 120473

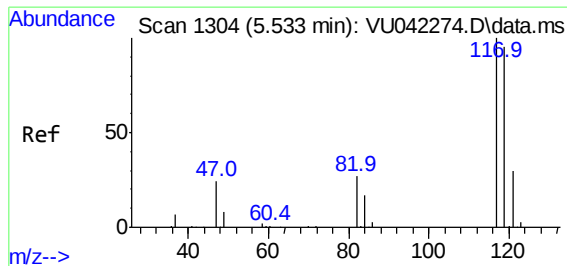
Ion Ratio Lower Upper

97 100

99 64.4 51.3 76.9

61 47.7 37.7 56.5

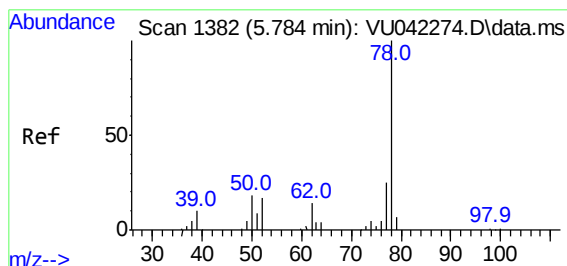
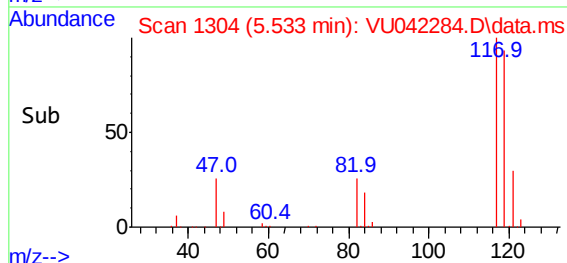
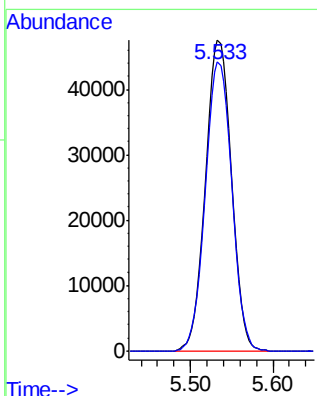
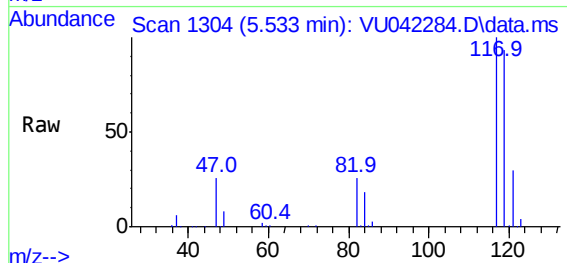




#31
Carbon tetrachloride
Concen: 52.03 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VU042284.D
Acq: 05 Feb 2021 18:50

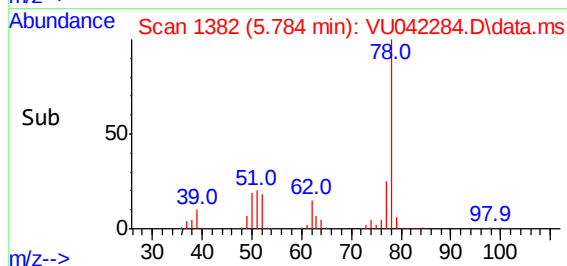
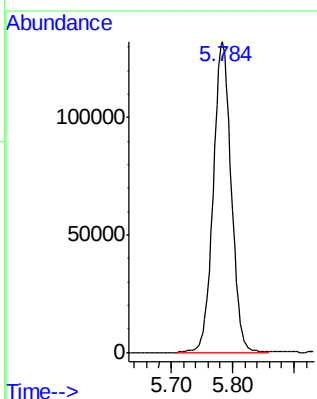
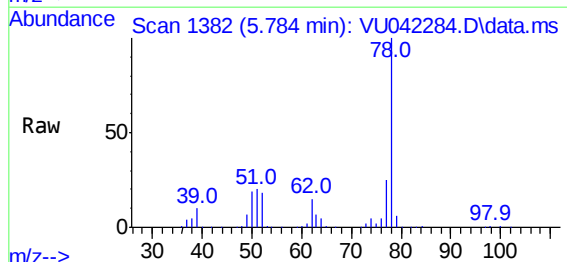
Instrument :
MSVOA_U
ClientSampleId :
VSTD050161

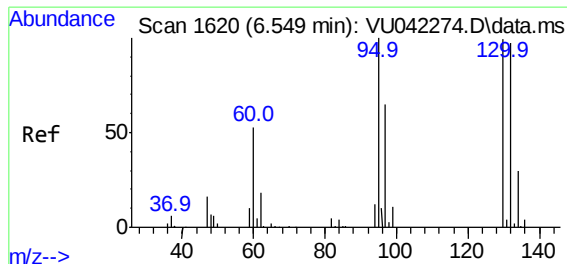
Tgt Ion:117 Resp: 103163
Ion Ratio Lower Upper
117 100
119 94.9 77.5 116.3



#33
Benzene
Concen: 52.47 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VU042284.D
Acq: 05 Feb 2021 18:50

Tgt Ion: 78 Resp: 270243

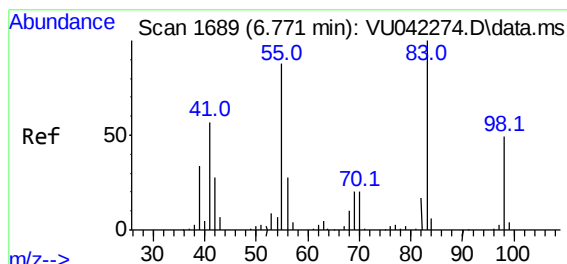
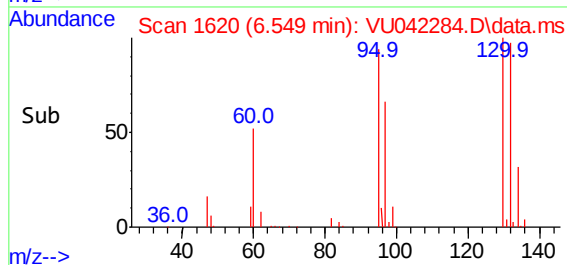
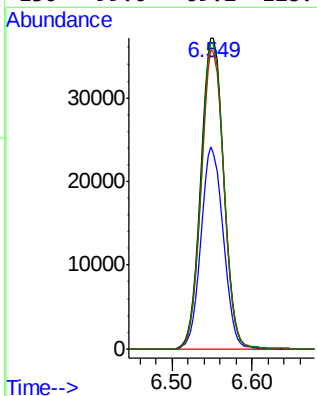
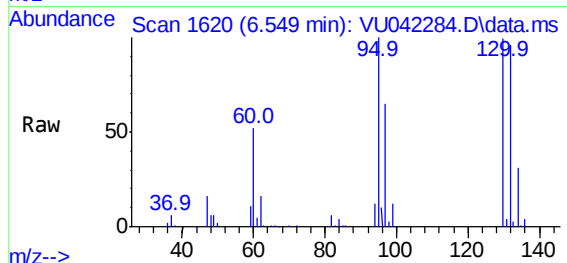




#34
Trichloroethene
Concen: 52.40 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VU042284.D
Acq: 05 Feb 2021 18:50

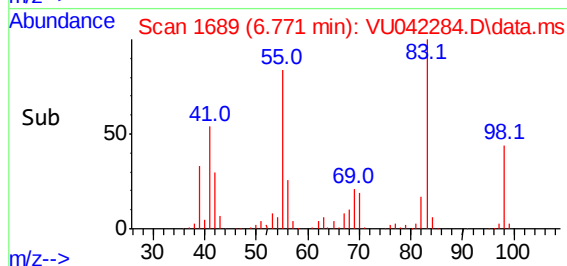
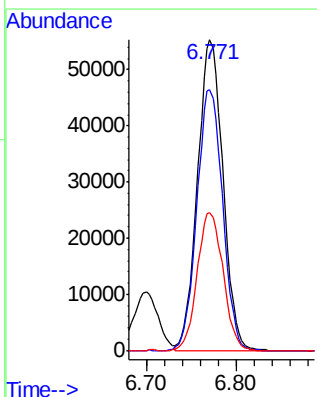
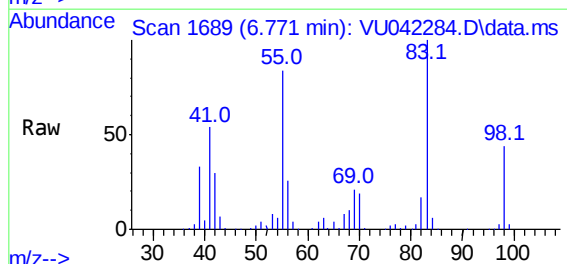
Instrument :
MSVOA_U
ClientSampleId :
VSTD050161

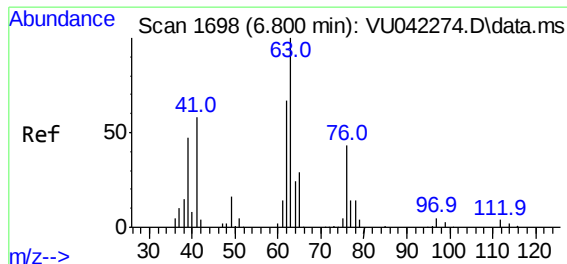
Tgt Ion: 95 Resp: 70719
Ion Ratio Lower Upper
95 100
97 65.1 45.3 84.1
132 96.3 67.5 125.4
130 99.0 69.2 128.4



#35
Methylcyclohexane
Concen: 51.83 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VU042284.D
Acq: 05 Feb 2021 18:50

Tgt Ion: 83 Resp: 107768
Ion Ratio Lower Upper
83 100
55 85.1 68.6 102.8
98 45.1 37.6 56.4

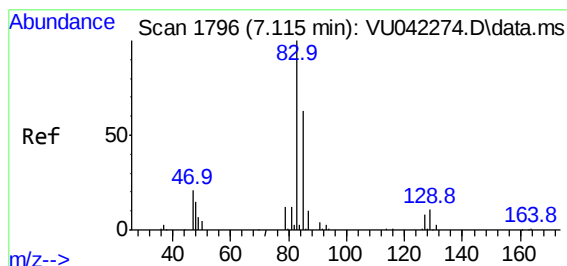
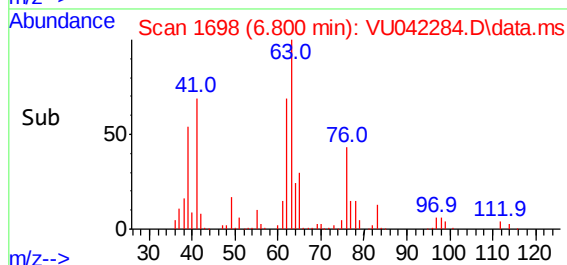
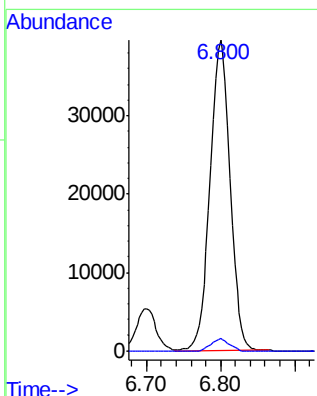
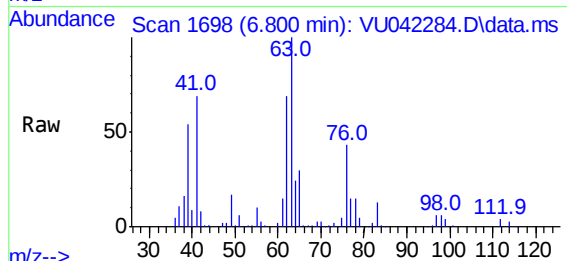




#37
1,2-Dichloropropane
Concen: 51.80 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VU042284.D
Acq: 05 Feb 2021 18:50

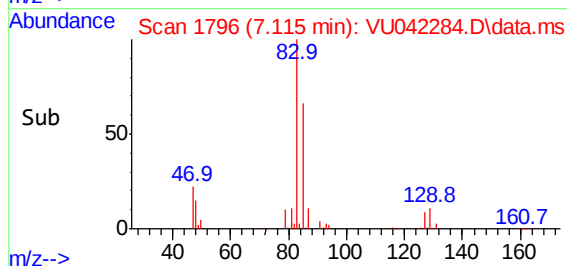
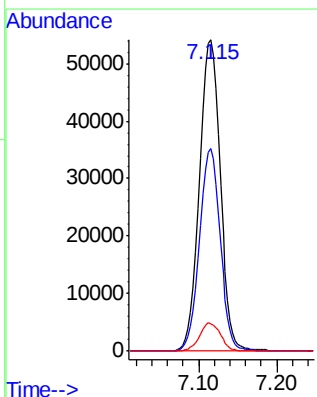
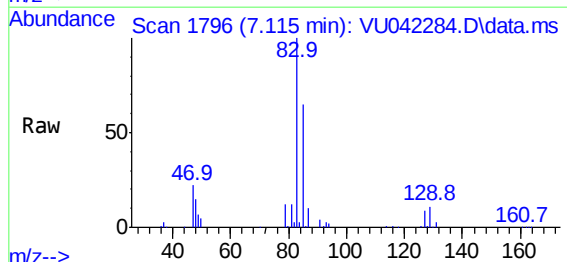
Instrument :
MSVOA_U
ClientSampleId :
VSTD050161

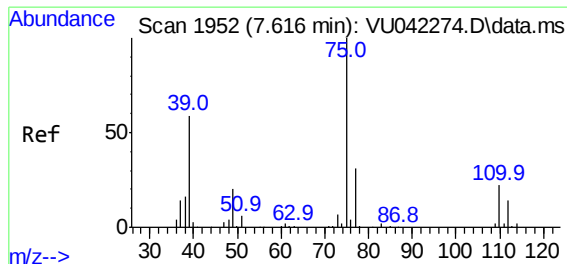
Tgt Ion: 63 Resp: 74705
Ion Ratio Lower Upper
63 100
112 3.4 3.0 4.4



#38
Bromodichloromethane
Concen: 51.76 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VU042284.D
Acq: 05 Feb 2021 18:50

Tgt Ion: 83 Resp: 100336
Ion Ratio Lower Upper
83 100
85 65.1 43.8 81.4
127 8.7 6.8 10.2

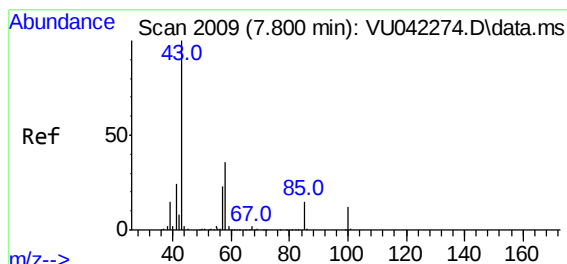
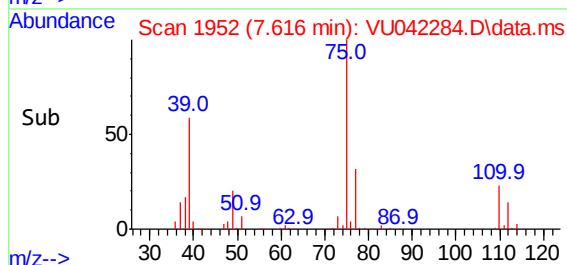
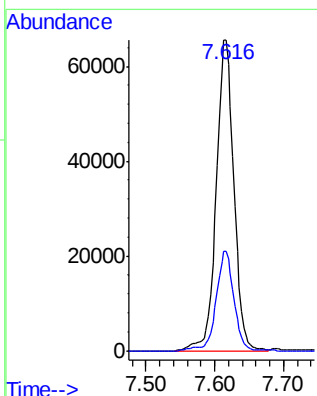
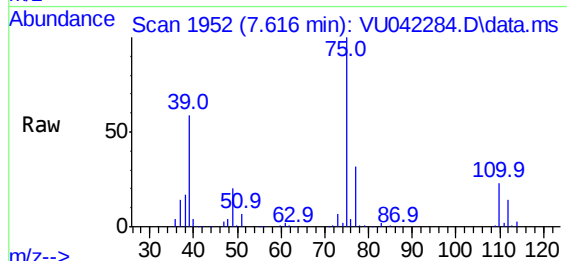




#39
cis-1,3-Dichloropropene
Concen: 52.15 ug/L
RT: 7.616 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VU042284.D
Acq: 05 Feb 2021 18:50

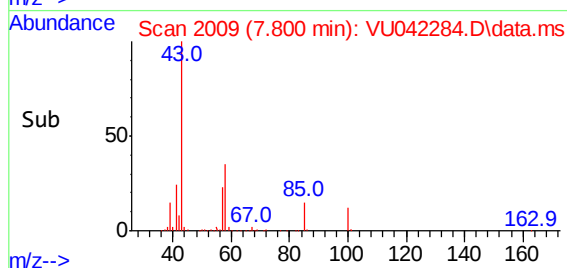
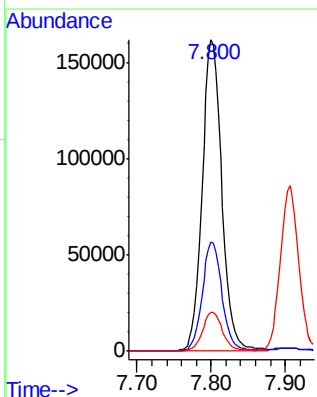
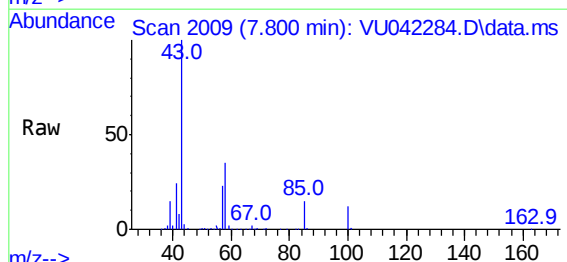
Instrument :
MSVOA_U
ClientSampleId :
VSTD050161

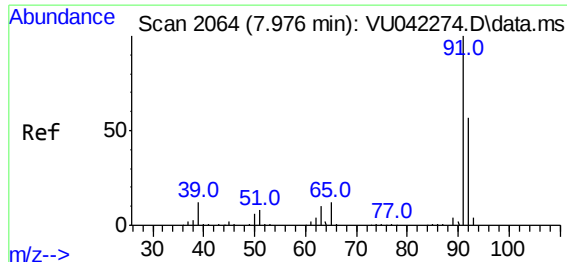
Tgt Ion: 75 Resp: 117135
Ion Ratio Lower Upper
75 100
77 32.2 21.7 40.3



#40
4-Methyl-2-pentanone
Concen: 103.65 ug/L
RT: 7.800 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VU042284.D
Acq: 05 Feb 2021 18:50

Tgt Ion: 43 Resp: 295171
Ion Ratio Lower Upper
43 100
58 34.9 28.7 43.1
100 12.4 9.7 14.5





#42

Toluene

Concen: 52.38 ug/L

RT: 7.977 min Scan# 2064

Delta R.T. 0.000 min

Lab File: VU042284.D

Acq: 05 Feb 2021 18:50

Instrument :

MSVOA_U

ClientSampleId :

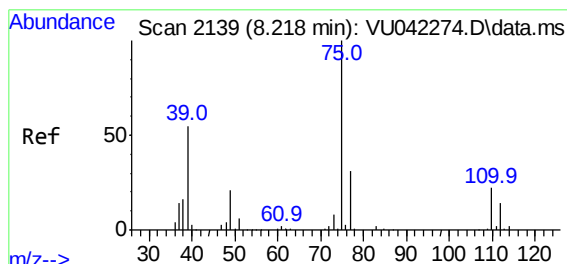
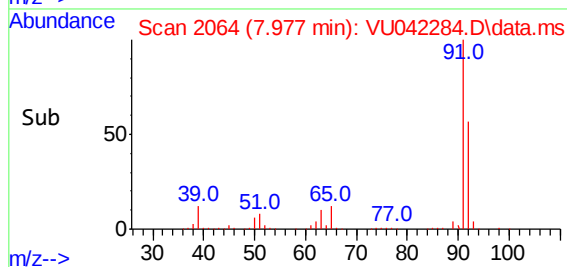
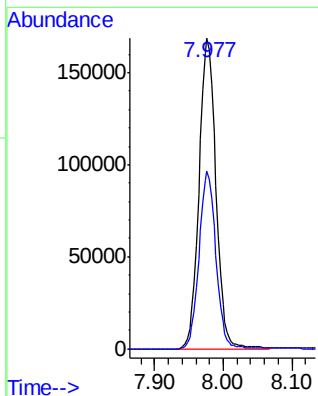
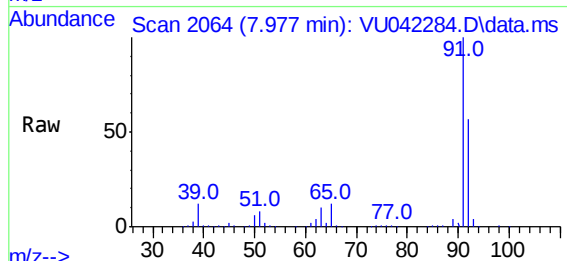
VSTD050161

Tgt Ion: 91 Resp: 288230

Ion Ratio Lower Upper

91 100

92 57.0 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 52.48 ug/L

RT: 8.218 min Scan# 2139

Delta R.T. 0.000 min

Lab File: VU042284.D

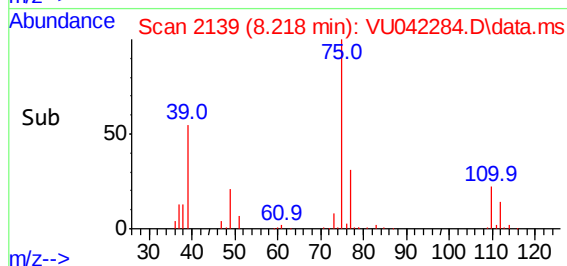
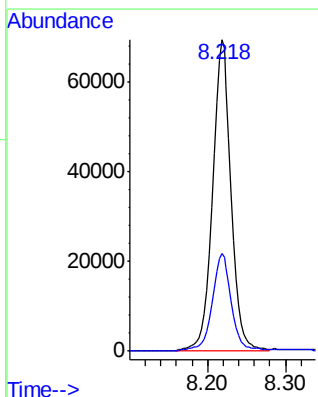
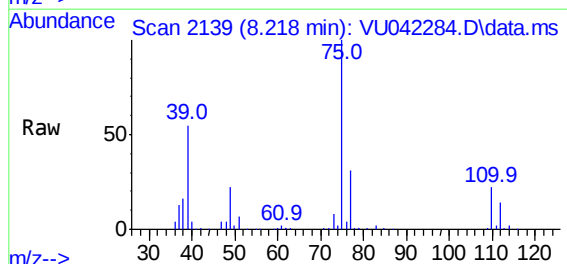
Acq: 05 Feb 2021 18:50

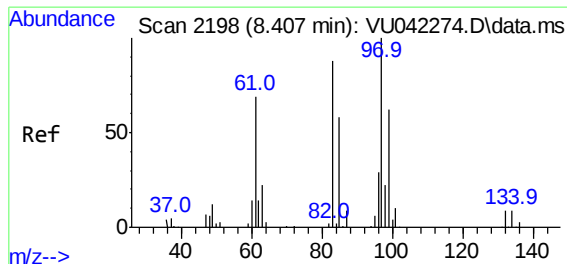
Tgt Ion: 75 Resp: 116128

Ion Ratio Lower Upper

75 100

77 31.0 21.6 40.2



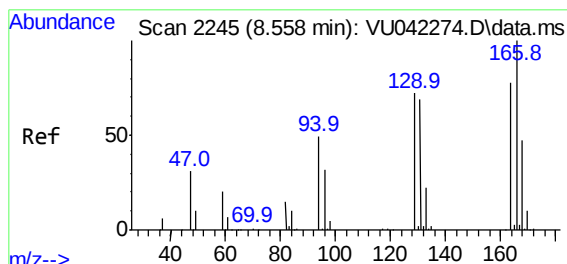
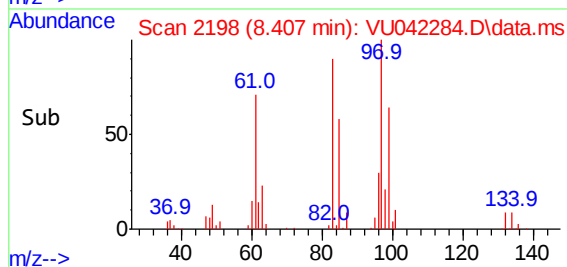
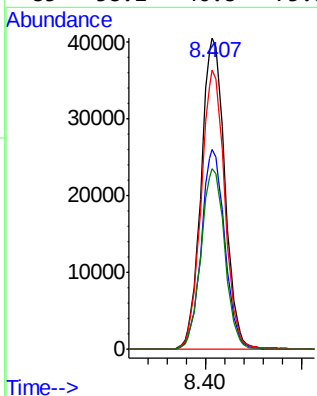
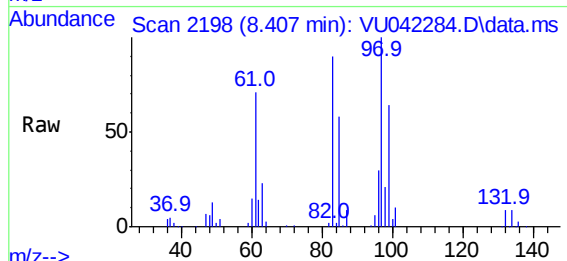


#45
1,1,2-Trichloroethane
Concen: 51.86 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. 0.000 min
Lab File: VU042284.D
Acq: 05 Feb 2021 18:50

Instrument :
MSVOA_U
ClientSampleId :
VSTD050161

Tgt Ion: 97 Resp: 68601

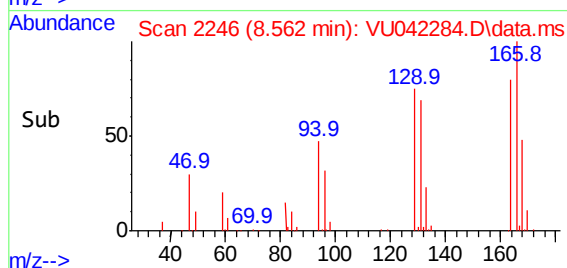
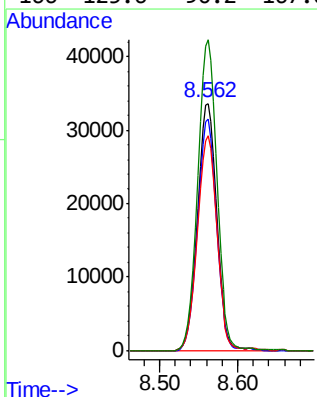
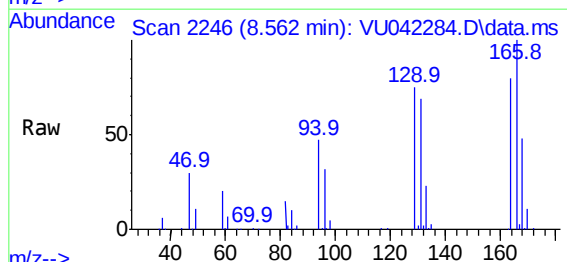
Ion	Ratio	Lower	Upper
97	100		
99	64.2	43.7	81.1
83	89.7	61.7	114.7
85	58.1	40.8	75.8

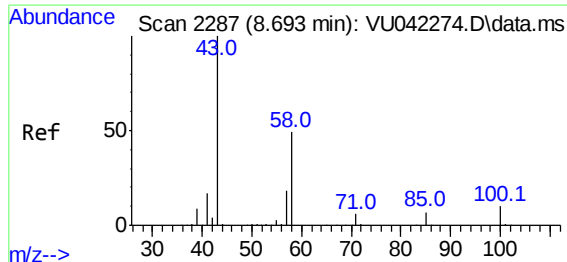


#46
Tetrachloroethene
Concen: 53.56 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.003 min
Lab File: VU042284.D
Acq: 05 Feb 2021 18:50

Tgt Ion: 164 Resp: 57112

Ion	Ratio	Lower	Upper
164	100		
129	93.8	65.2	121.2
131	86.7	62.4	115.8
166	125.6	90.2	167.6



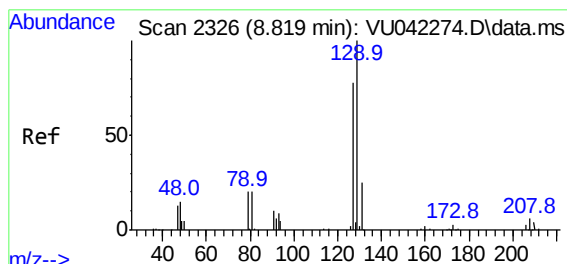
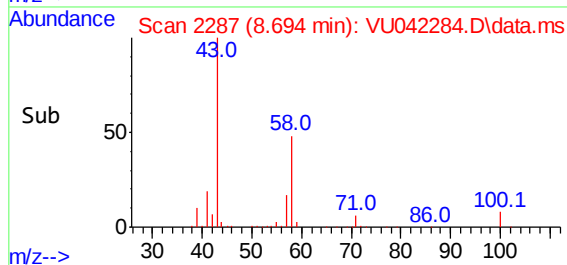
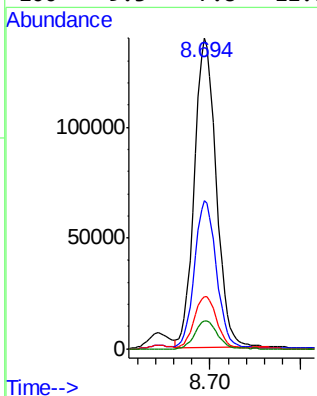
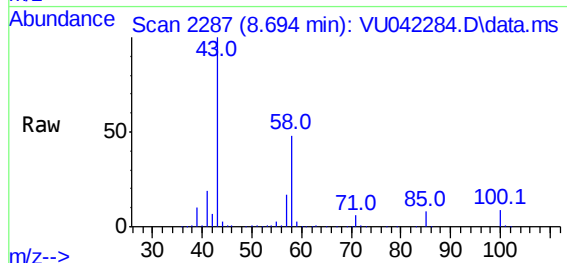


#48
2-Hexanone
Concen: 101.81 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. 0.000 min
Lab File: VU042284.D
Acq: 05 Feb 2021 18:50

Instrument :
MSVOA_U
ClientSampleId :
VSTD050161

Tgt Ion: 43 Resp: 234728

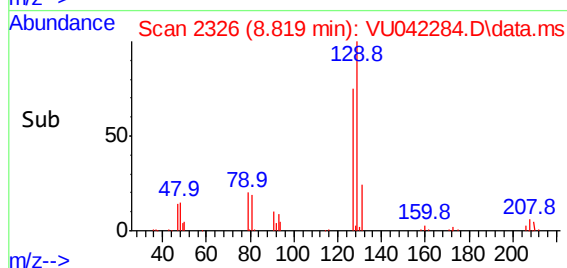
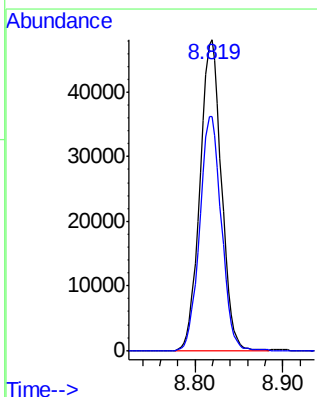
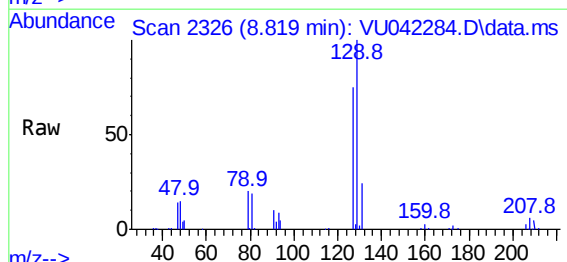
Ion	Ratio	Lower	Upper
43	100		
58	47.7	39.2	58.8
57	17.7	14.4	21.6
100	9.3	7.8	11.6

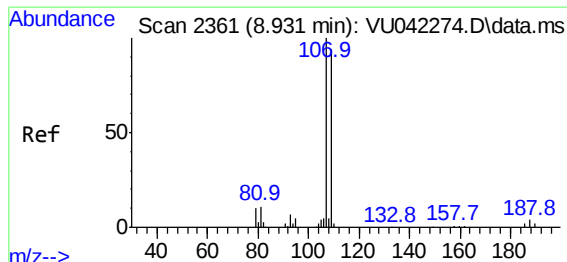


#49
Dibromochloromethane
Concen: 52.99 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VU042284.D
Acq: 05 Feb 2021 18:50

Tgt Ion: 129 Resp: 81649

Ion	Ratio	Lower	Upper
129	100		
127	75.2	54.7	101.7

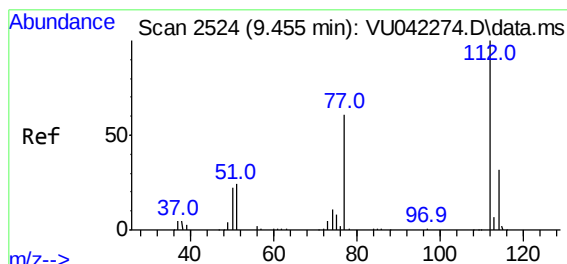
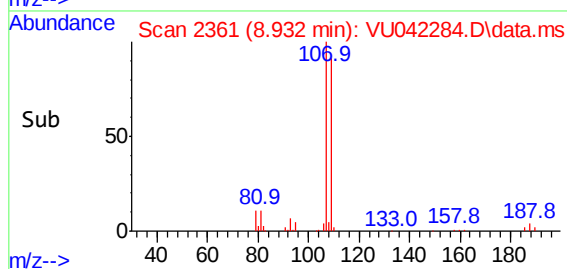
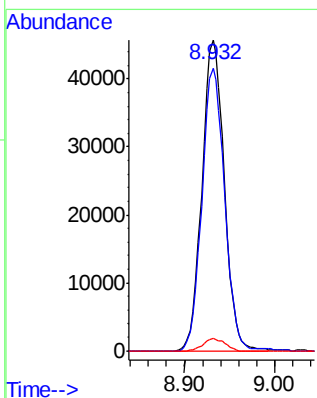
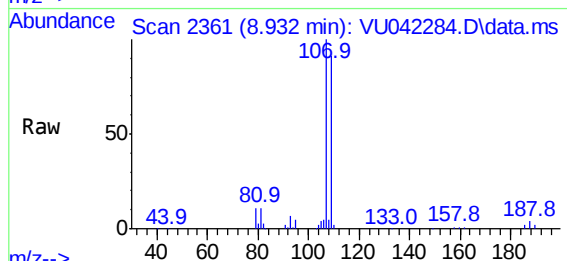




#50
1,2-Dibromoethane
Concen: 52.43 ug/L
RT: 8.932 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VU042284.D
Acq: 05 Feb 2021 18:50

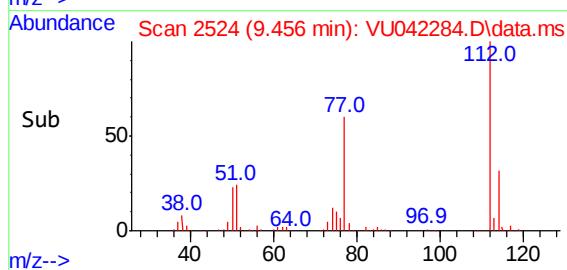
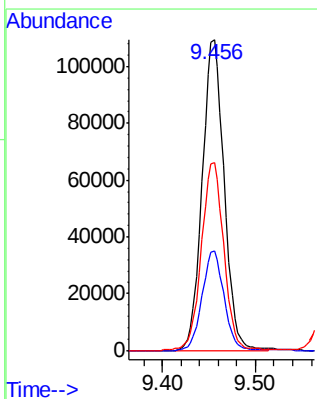
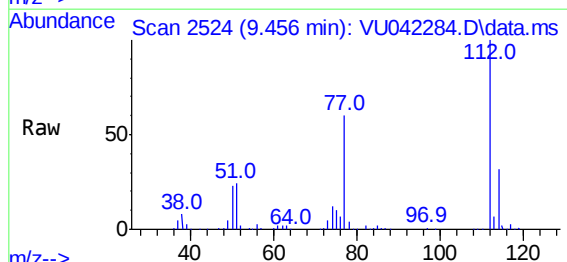
Instrument :
MSVOA_U
ClientSampleId :
VSTD050161

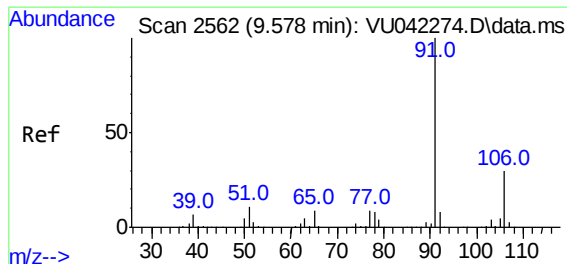
Tgt Ion:107 Resp: 77769
Ion Ratio Lower Upper
107 100
109 91.1 65.7 121.9
188 4.0 3.4 5.0



#51
Chlorobenzene
Concen: 51.29 ug/L
RT: 9.456 min Scan# 2524
Delta R.T. 0.000 min
Lab File: VU042284.D
Acq: 05 Feb 2021 18:50

Tgt Ion:112 Resp: 179125
Ion Ratio Lower Upper
112 100
114 31.9 22.7 42.1
77 60.4 49.4 74.2

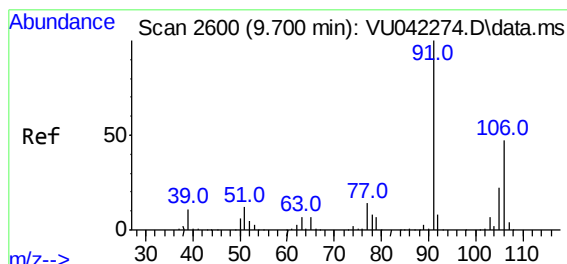
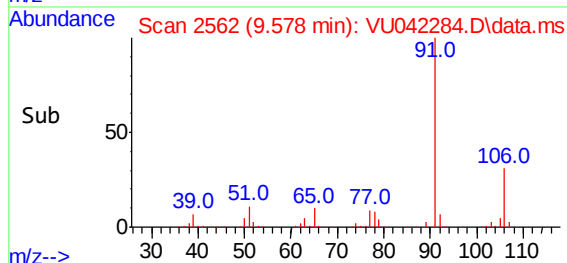
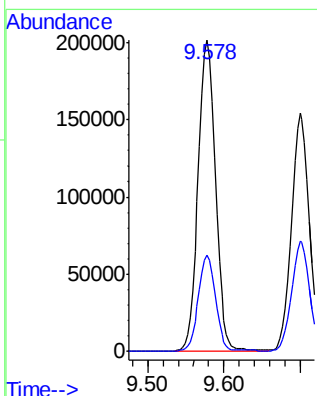
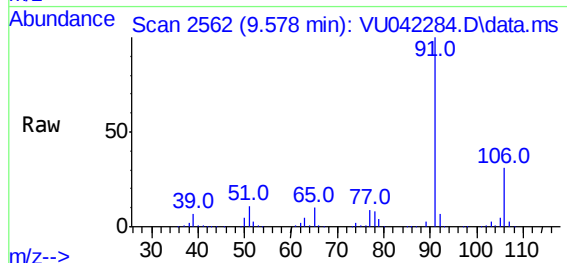




#52
Ethylbenzene
Concen: 51.88 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU042284.D
Acq: 05 Feb 2021 18:50

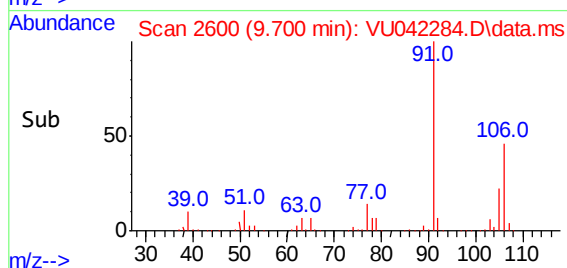
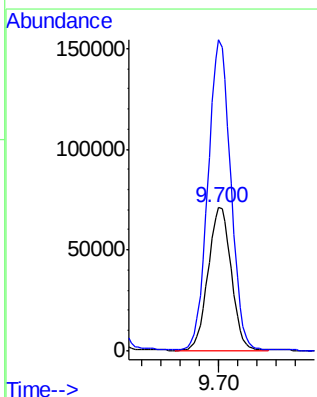
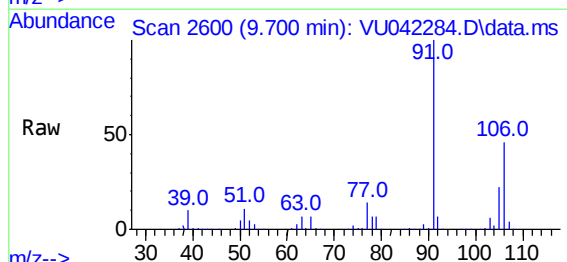
Instrument :
MSVOA_U
ClientSampleId :
VSTD050161

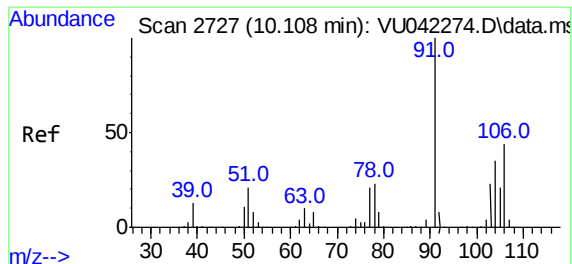
Tgt Ion: 91 Resp: 317949
Ion Ratio Lower Upper
91 100
106 30.7 20.8 38.6



#53
m,p-Xylene
Concen: 51.28 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. 0.000 min
Lab File: VU042284.D
Acq: 05 Feb 2021 18:50

Tgt Ion: 106 Resp: 117123
Ion Ratio Lower Upper
106 100
91 217.5 149.7 277.9

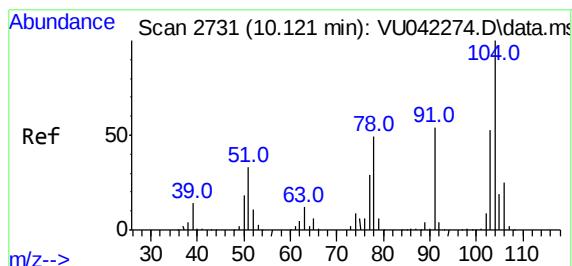
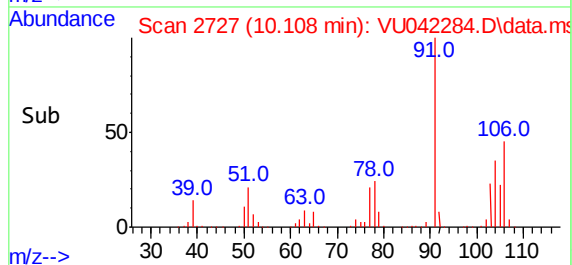
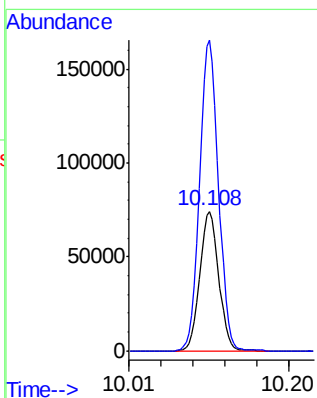
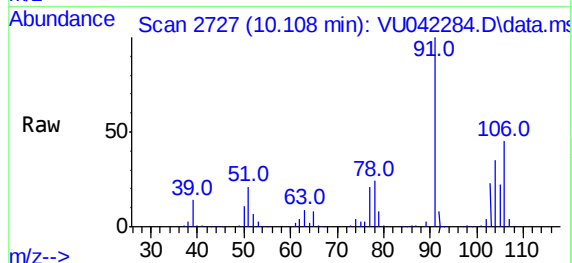




#54
o-xylene
Concen: 52.28 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU042284.D
Acq: 05 Feb 2021 18:50

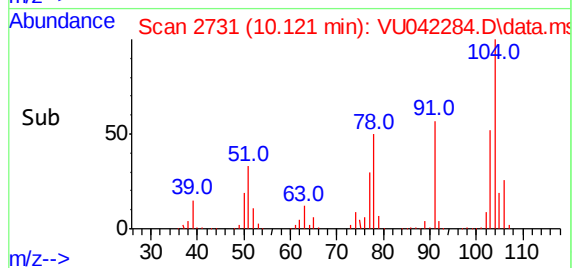
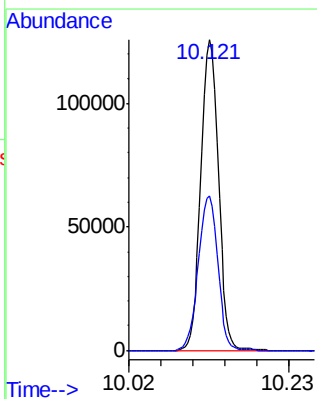
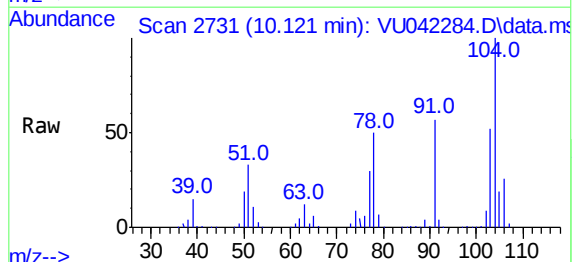
Instrument :
MSVOA_U
ClientSampleId :
VSTD050161

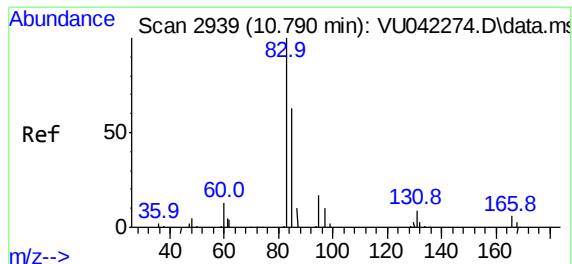
Tgt Ion:106 Resp: 118776
Ion Ratio Lower Upper
106 100
91 222.3 157.4 292.2



#55
Styrene
Concen: 52.00 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. 0.000 min
Lab File: VU042284.D
Acq: 05 Feb 2021 18:50

Tgt Ion:104 Resp: 201965
Ion Ratio Lower Upper
104 100
78 49.8 34.4 64.0

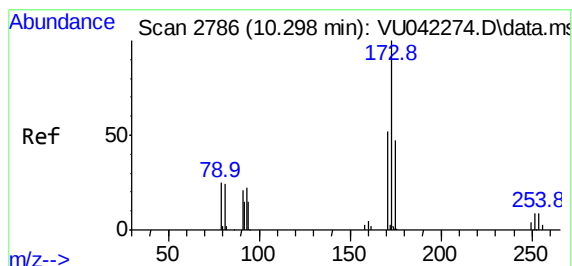
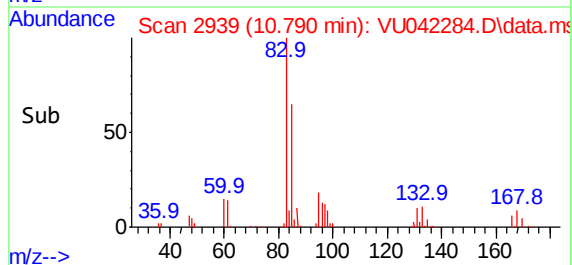
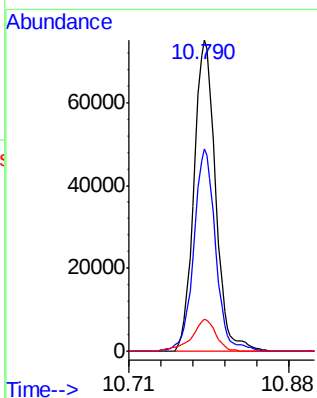
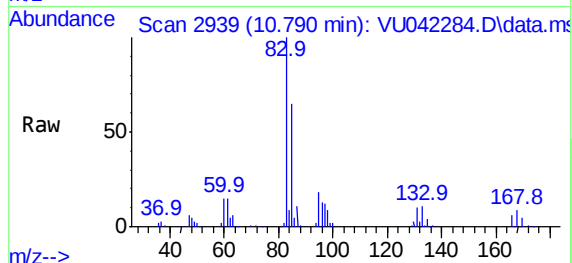




#57
1,1,2,2-Tetrachloroethane
Concen: 51.63 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. 0.000 min
Lab File: VU042284.D
Acq: 05 Feb 2021 18:50

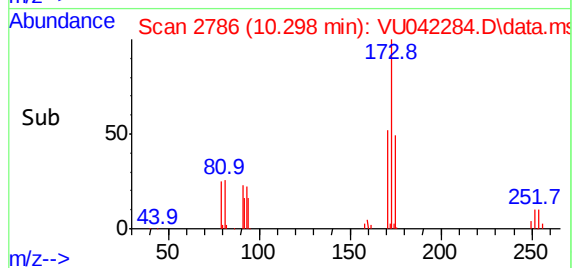
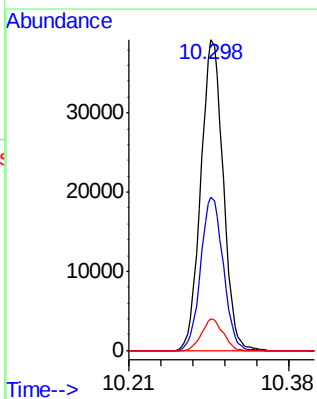
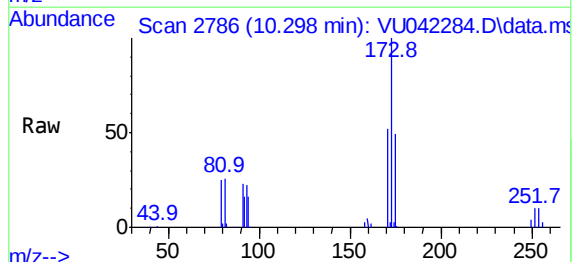
Instrument :
MSVOA_U
ClientSampleId :
VSTD050161

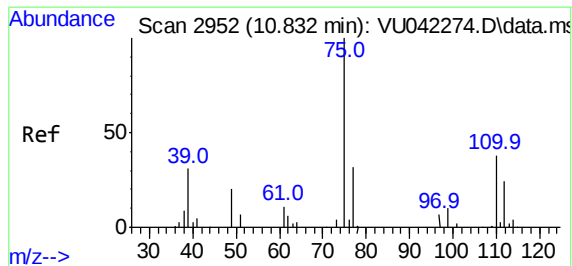
Tgt Ion: 83 Resp: 124317
Ion Ratio Lower Upper
83 100
85 65.0 45.4 84.2
131 10.2 8.1 12.1



#59
Bromoform
Concen: 51.96 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VU042284.D
Acq: 05 Feb 2021 18:50

Tgt Ion: 173 Resp: 65365
Ion Ratio Lower Upper
173 100
175 49.8 39.0 58.4
254 9.7 7.4 11.0

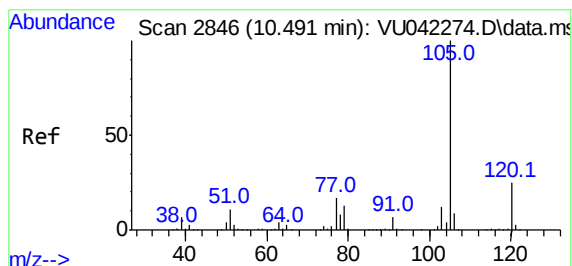
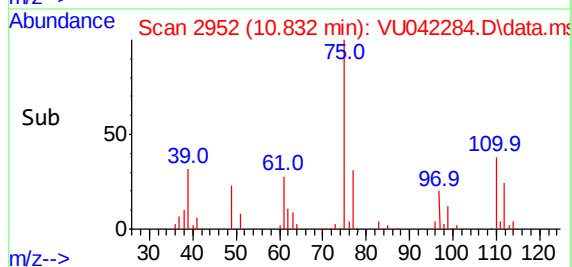
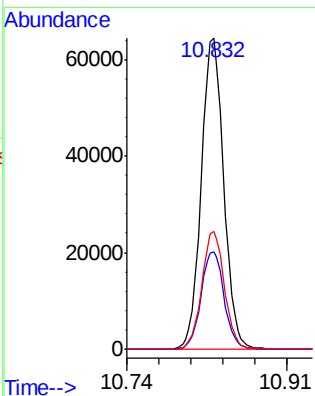
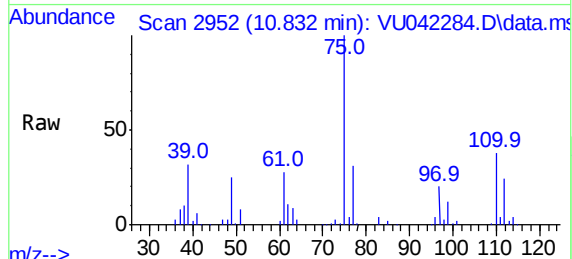




#60
1,2,3-Trichloropropane
Concen: 52.38 ug/L
RT: 10.832 min Scan# 2952
Delta R.T. 0.000 min
Lab File: VU042284.D
Acq: 05 Feb 2021 18:50

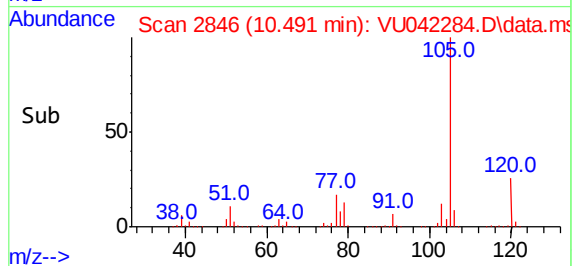
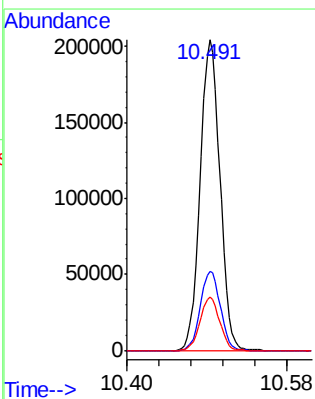
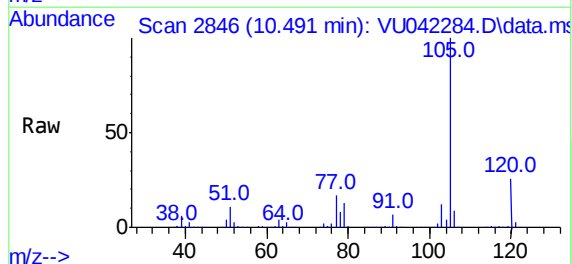
Instrument :
MSVOA_U
ClientSampleId :
VSTD050161

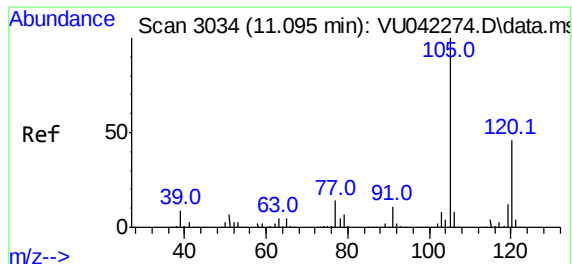
Tgt Ion: 75 Resp: 103566
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.2
110 37.8 30.3 45.5



#61
Isopropylbenzene
Concen: 53.46 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. 0.000 min
Lab File: VU042284.D
Acq: 05 Feb 2021 18:50

Tgt Ion: 105 Resp: 319194
Ion Ratio Lower Upper
105 100
120 25.8 20.5 30.7
77 17.0 13.6 20.4

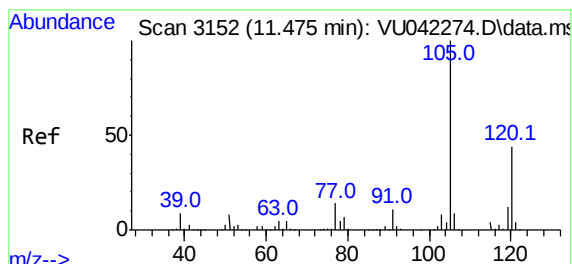
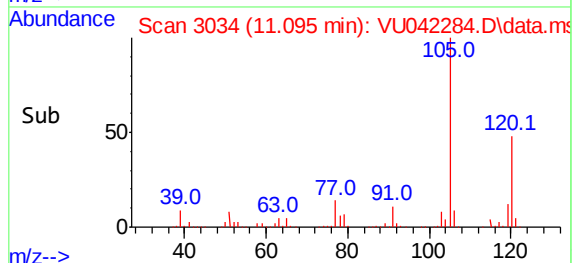
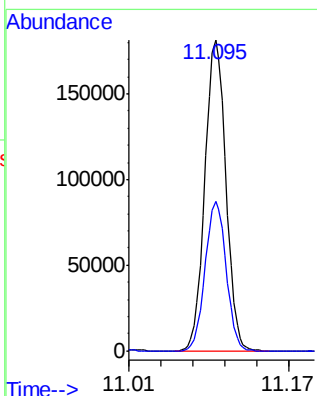
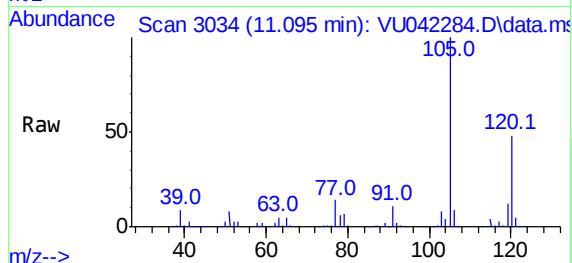




#62
 1,3,5-Trimethylbenzene
 Concen: 53.03 ug/L
 RT: 11.095 min Scan# 3034
 Delta R.T. 0.000 min
 Lab File: VU042284.D
 Acq: 05 Feb 2021 18:50

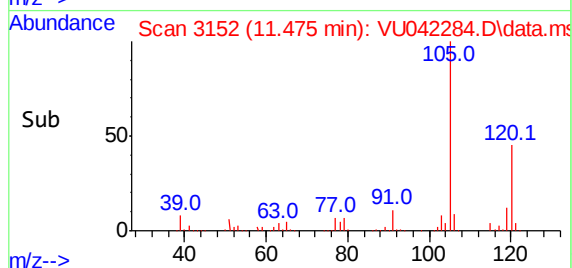
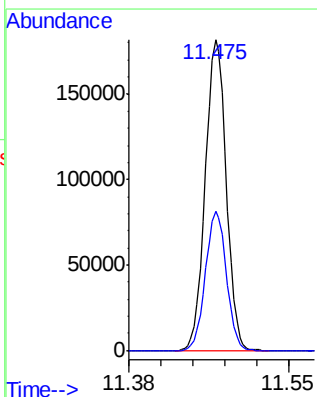
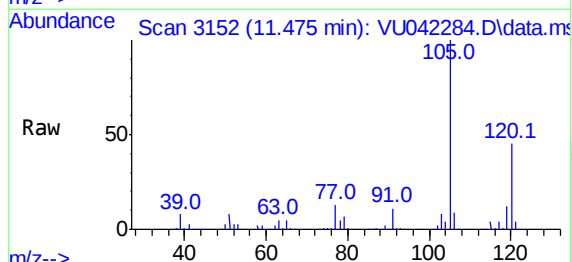
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050161

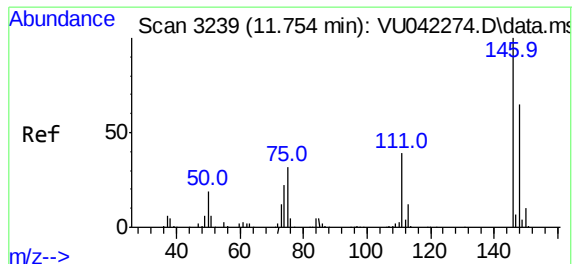
Tgt Ion:105 Resp: 274007
 Ion Ratio Lower Upper
 105 100
 120 48.0 37.2 55.8



#63
 1,2,4-Trimethylbenzene
 Concen: 52.39 ug/L
 RT: 11.475 min Scan# 3152
 Delta R.T. 0.000 min
 Lab File: VU042284.D
 Acq: 05 Feb 2021 18:50

Tgt Ion:105 Resp: 272710
 Ion Ratio Lower Upper
 105 100
 120 44.7 35.2 52.8

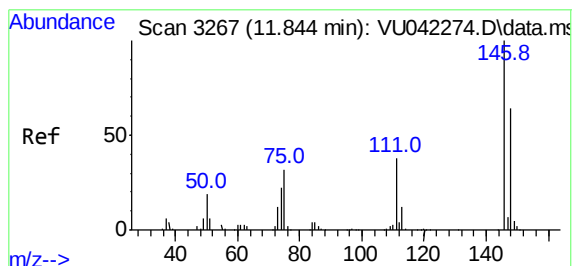
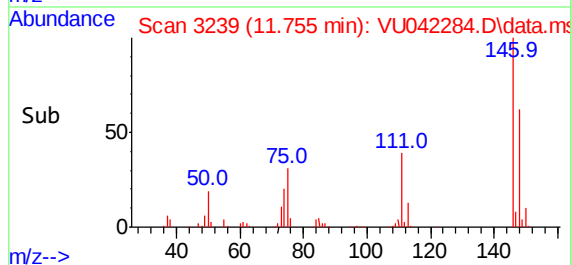
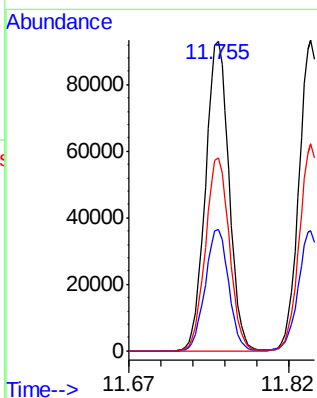
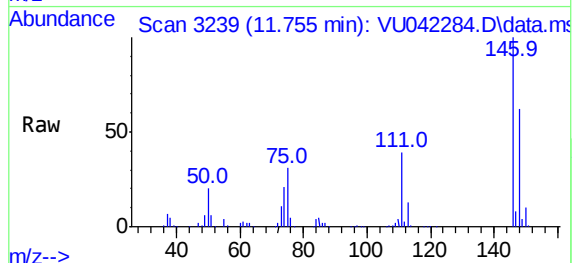




#64
1,3-Dichlorobenzene
Concen: 52.19 ug/L
RT: 11.755 min Scan# 3239
Delta R.T. 0.000 min
Lab File: VU042284.D
Acq: 05 Feb 2021 18:50

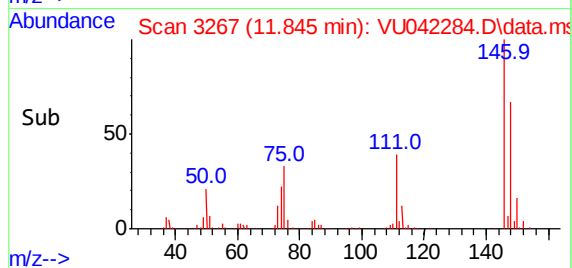
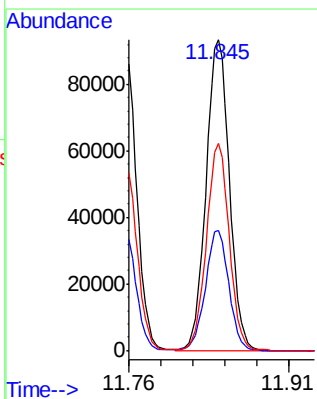
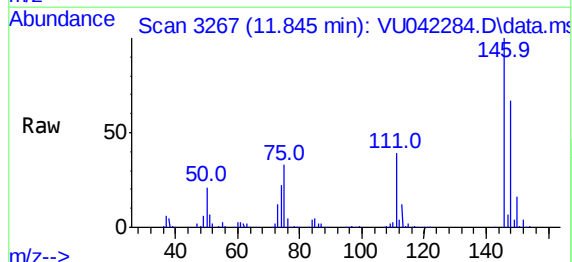
Instrument :
MSVOA_U
ClientSampleId :
VSTD050161

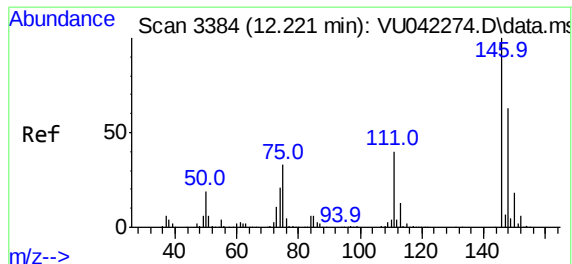
Tgt Ion:146 Resp: 146960
Ion Ratio Lower Upper
146 100
111 39.2 27.6 51.2
148 62.1 45.4 84.2



#65
1,4-Dichlorobenzene
Concen: 50.91 ug/L
RT: 11.845 min Scan# 3267
Delta R.T. 0.000 min
Lab File: VU042284.D
Acq: 05 Feb 2021 18:50

Tgt Ion:146 Resp: 145983
Ion Ratio Lower Upper
146 100
111 38.6 26.6 49.4
148 66.6 44.6 82.8

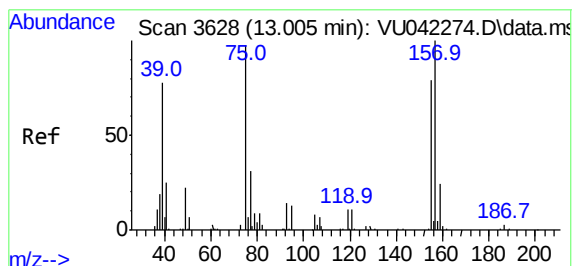
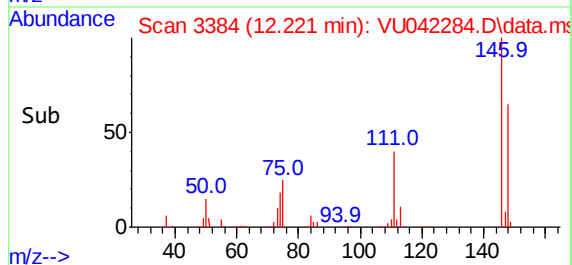
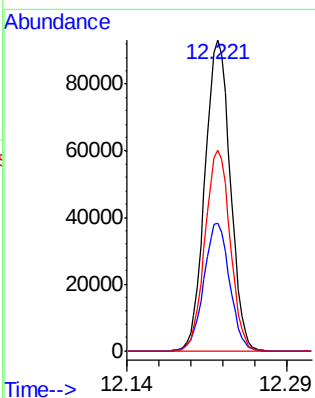
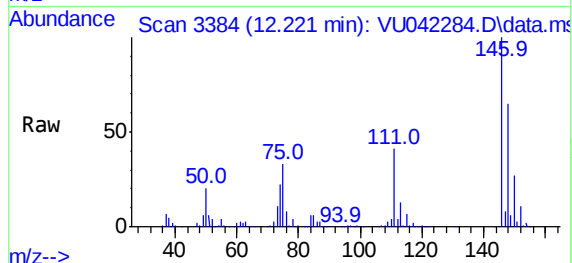




#67
1,2-Dichlorobenzene
Concen: 52.41 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. 0.000 min
Lab File: VU042284.D
Acq: 05 Feb 2021 18:50

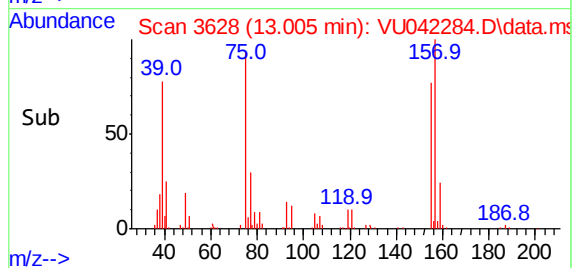
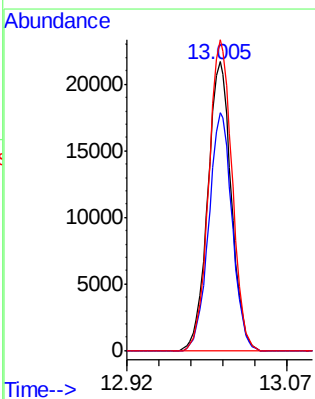
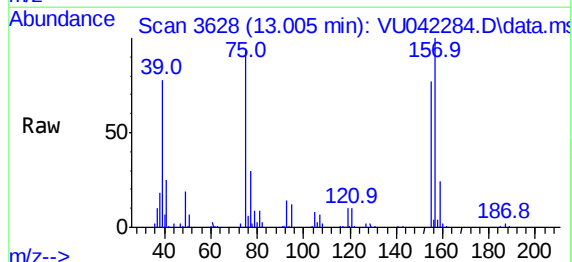
Instrument :
MSVOA_U
ClientSampleId :
VSTD050161

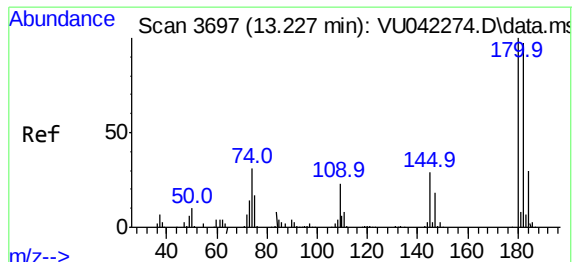
Tgt Ion:146 Resp: 151659
Ion Ratio Lower Upper
146 100
111 41.2 31.9 47.9
148 64.7 50.2 75.4



#68
1,2-Dibromo-3-chloropropane
Concen: 52.10 ug/L
RT: 13.005 min Scan# 3628
Delta R.T. 0.000 min
Lab File: VU042284.D
Acq: 05 Feb 2021 18:50

Tgt Ion: 75 Resp: 34272
Ion Ratio Lower Upper
75 100
155 82.1 65.2 97.8
157 107.3 82.7 124.1

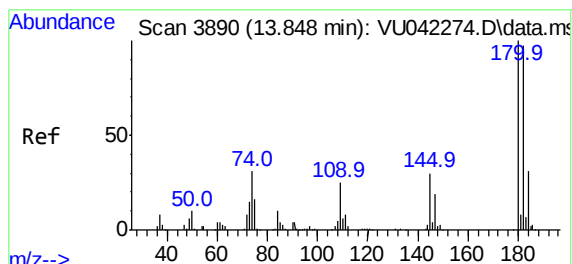
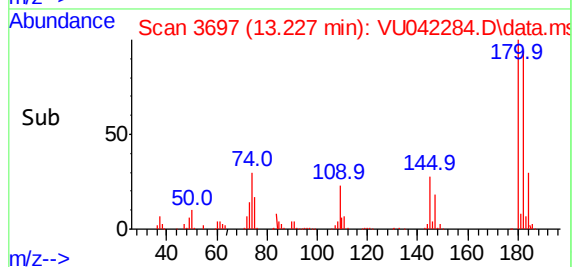
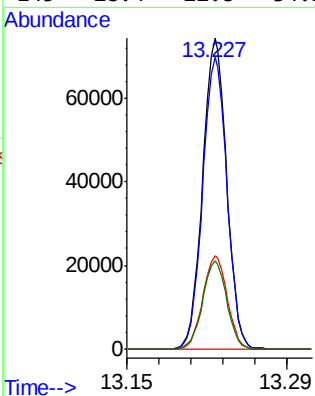
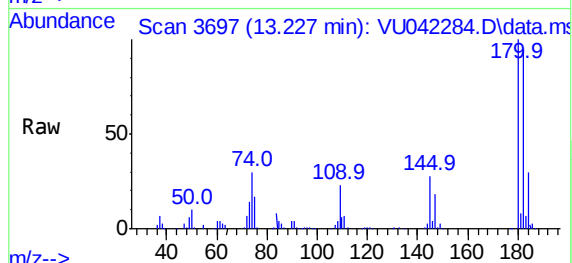




#69
 1,3,5-Trichlorobenzene
 Concen: 52.73 ug/L
 RT: 13.227 min Scan# 3697
 Delta R.T. 0.000 min
 Lab File: VU042284.D
 Acq: 05 Feb 2021 18:50

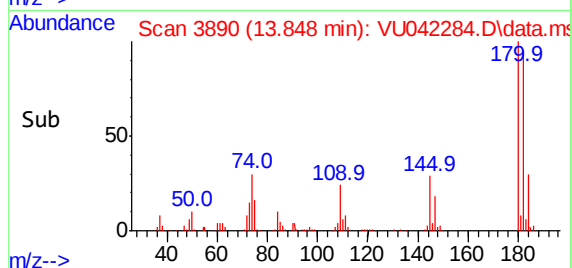
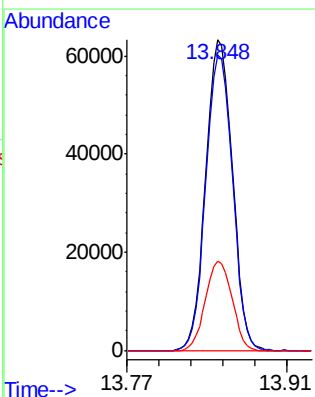
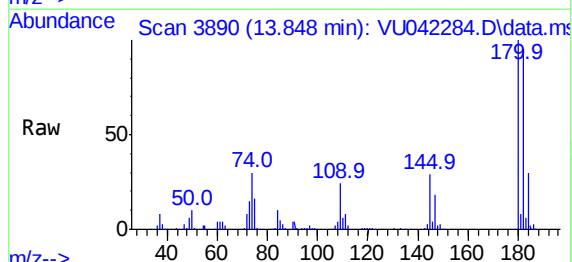
Instrument :
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 VSTD050161

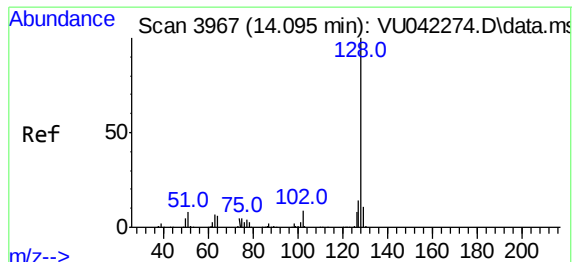
Tgt Ion:180 Resp: 114442
 Ion Ratio Lower Upper
 180 100
 182 95.1 76.8 115.2
 184 30.4 24.1 36.1
 145 28.4 22.8 34.2



#70
 1,2,4-trichlorobenzene
 Concen: 55.47 ug/L
 RT: 13.848 min Scan# 3890
 Delta R.T. 0.000 min
 Lab File: VU042284.D
 Acq: 05 Feb 2021 18:50

Tgt Ion:180 Resp: 100983
 Ion Ratio Lower Upper
 180 100
 182 95.4 77.2 115.8
 145 28.7 23.7 35.5

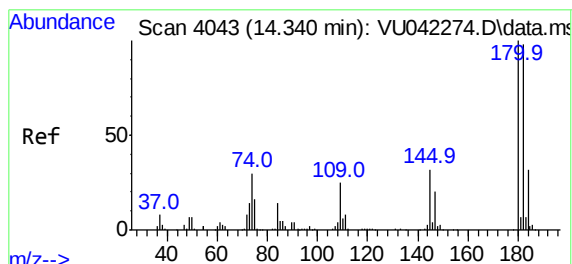
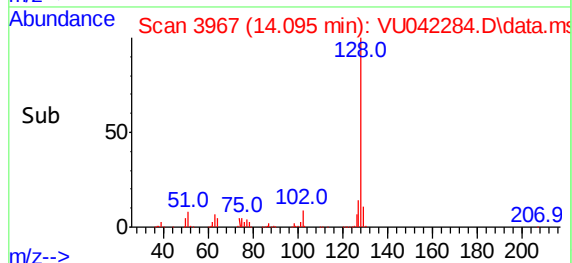
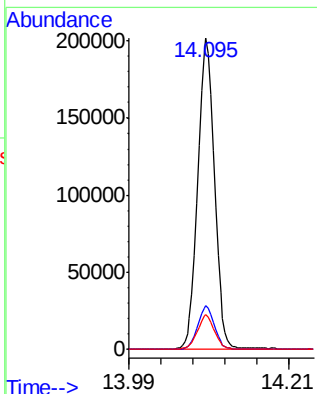
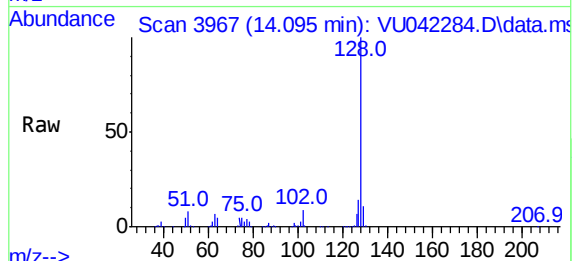




#71
Naphthalene
Concen: 55.24 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU042284.D
Acq: 05 Feb 2021 18:50

Instrument :
MSVOA_U
ClientSampleId :
VSTD050161

Tgt Ion:128 Resp: 317497
Ion Ratio Lower Upper
128 100
127 13.5 10.8 16.2
129 10.7 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 53.73 ug/L
RT: 14.340 min Scan# 4043
Delta R.T. 0.000 min
Lab File: VU042284.D
Acq: 05 Feb 2021 18:50

Tgt Ion:180 Resp: 99443
Ion Ratio Lower Upper
180 100
182 95.2 76.2 114.2
145 30.4 24.6 37.0

