

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031221\
 Data File : VU042598.D
 Acq On : 12 Mar 2021 05:57
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00524

Quant Time: Mar 12 06:18:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Mar 12 02:42:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	81038	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	80948	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	42478	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	25673	4.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.00%
7) Chloroethane-d5	1.919	69	21153	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.40%
11) 1,1-Dichloroethene-d2	2.575	63	60269	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.80%
20) 2-Butanone-d5	4.646	46	72149	40.67	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.34%
24) Chloroform-d	5.073	84	54834	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
26) 1,2-Dichloroethane-d4	5.713	65	34577	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.20%
32) Benzene-d6	5.739	84	96914	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.700	67	31004	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.906	98	98968	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
43) trans-1,3-Dichloroprop...	8.189	79	12844	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
46) 2-Hexanone-d5	8.646	63	64716	45.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.38%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	28488	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
64) 1,2-Dichlorobenzene-d4	12.202	152	38541	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.389	85	35853	4.75	ug/L	99
3) Chloromethane	1.524	50	33727	4.72	ug/L	99
5) Vinyl chloride	1.607	62	34188	4.77	ug/L	98
6) Bromomethane	1.864	94	21112	5.34	ug/L	97
8) Chloroethane	1.938	64	22513	5.26	ug/L	95
9) Trichlorofluoromethane	2.144	101	60418	5.16	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	29666	4.83	ug/L	95
12) 1,1-Dichloroethene	2.588	96	28177	4.93	ug/L	91
13) Acetone	2.652	43	51287	37.52	ug/L	98
14) Carbon disulfide	2.800	76	78923	4.34	ug/L	99
15) Methyl Acetate	2.964	43	12576	3.70	ug/L	99
16) Methylene chloride	3.054	84	30861	4.51	ug/L	96
17) Methyl tert-butyl Ether	3.372	73	72996	4.55	ug/L	98
18) trans-1,2-Dichloroethene	3.363	96	28041	4.67	ug/L	97
19) 1,1-Dichloroethane	3.880	63	56539	4.88	ug/L	99
21) 2-Butanone	4.723	43	111886	48.15	ug/L	92
22) cis-1,2-Dichloroethene	4.678	96	31013	4.83	ug/L	100
23) Bromochloromethane	4.983	128	14998	4.91	ug/L	89
25) Chloroform	5.099	83	60313	4.96	ug/L	99
27) 1,2-Dichloroethane	5.803	62	45081	4.94	ug/L #	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031221\
 Data File : VU042598.D
 Acq On : 12 Mar 2021 05:57
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00524

Quant Time: Mar 12 06:18:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Mar 12 02:42:43 2021
 Response via : Initial Calibration

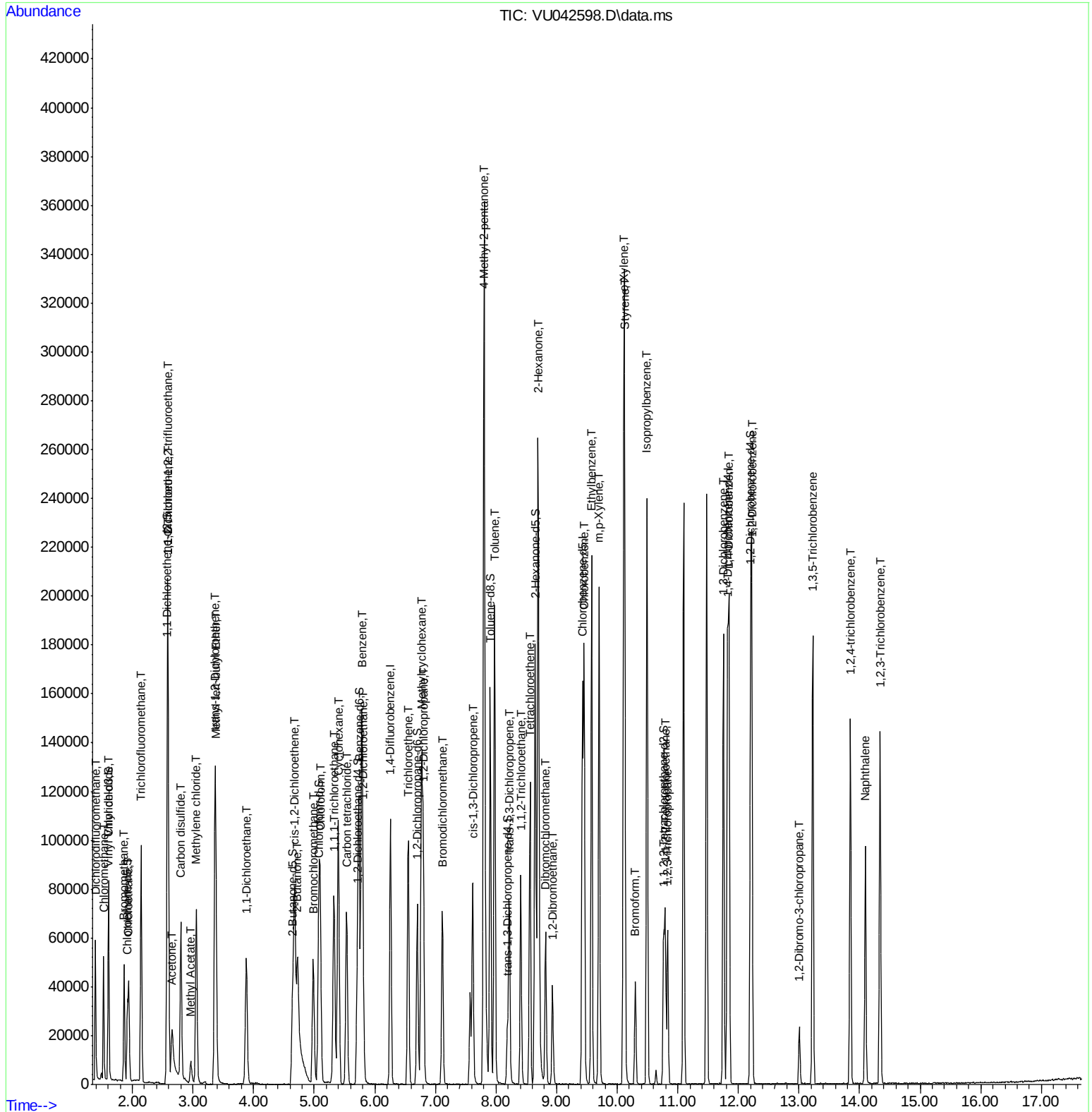
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	5.327	97	53588	4.76	ug/L	96
30) Cyclohexane	5.398	56	49113	4.37	ug/L	97
31) Carbon tetrachloride	5.536	117	46086	4.64	ug/L	98
33) Benzene	5.784	78	120602	4.76	ug/L	100
34) Trichloroethene	6.552	95	32425	4.62	ug/L	96
35) Methylcyclohexane	6.771	83	45267	4.24	ug/L	97
37) 1,2-Dichloropropane	6.800	63	33324	4.87	ug/L	99
38) Bromodichloromethane	7.115	83	42803	4.80	ug/L	97
39) cis-1,3-Dichloropropene	7.617	75	42202	4.23	ug/L	99
40) 4-Methyl-2-pentanone	7.803	43	278023	46.63	ug/L	96
42) Toluene	7.977	91	133836	4.84	ug/L	97
44) trans-1,3-Dichloropropene	8.218	75	39858	4.34	ug/L	99
45) 1,1,2-Trichloroethane	8.408	97	24741	4.91	ug/L	98
47) Tetrachloroethene	8.562	164	26074	4.55	ug/L	98
48) 2-Hexanone	8.694	43	203392	46.24	ug/L	95
49) Dibromochloromethane	8.816	129	30388	4.82	ug/L	98
50) 1,2-Dibromoethane	8.932	107	24571	4.94	ug/L	97
51) Chlorobenzene	9.456	112	82223	4.66	ug/L	99
52) Ethylbenzene	9.578	91	142332	4.57	ug/L	100
53) m,p-Xylene	9.700	106	53483	4.65	ug/L	98
54) o-Xylene	10.108	106	53278	4.78	ug/L	94
55) Styrene	10.121	104	91264	4.82	ug/L	98
56) Isopropylbenzene	10.491	105	143665	4.69	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.790	83	32014	4.74	ug/L	99
59) 1,2,3-Trichloropropane	10.832	75	24859	4.84	ug/L	98
61) Bromoform	10.298	173	17846	4.65	ug/L	97
62) 1,3-Dichlorobenzene	11.755	146	70224	4.79	ug/L	99
63) 1,4-Dichlorobenzene	11.845	146	70351	4.82	ug/L	99
65) 1,2-Dichlorobenzene	12.221	146	69063	4.90	ug/L	99
66) 1,2-Dibromo-3-chloropr...	13.005	75	5612	4.73	ug/L	94
67) 1,3,5-Trichlorobenzene	13.227	180	55145	4.34	ug/L	99
68) 1,2,4-trichlorobenzene	13.848	180	43820	4.17	ug/L	98
69) Naphthalene	14.095	128	74507	4.36	ug/L	100
70) 1,2,3-Trichlorobenzene	14.337	180	43105	4.52	ug/L	98

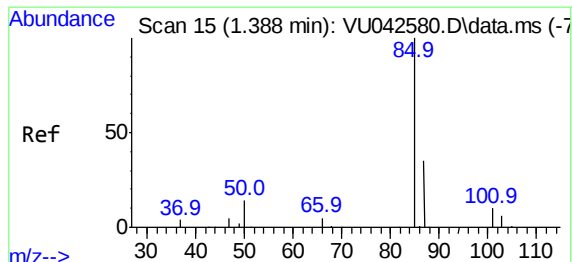
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031221\  
Data File : VU042598.D  
Acq On    : 12 Mar 2021 05:57  
Operator  : SY/MD  
Sample    : VSTDCCC005EC  
Misc      : 25.0mL/MSVOA_U/WATER  
ALS Vial  : 40 Sample Multiplier: 1
```

Instrument :
MSVOA_U
ClientSampleId :
VSTD00524

Quant Time: Mar 12 06:18:44 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 12 02:42:43 2021
Response via : Initial Calibration

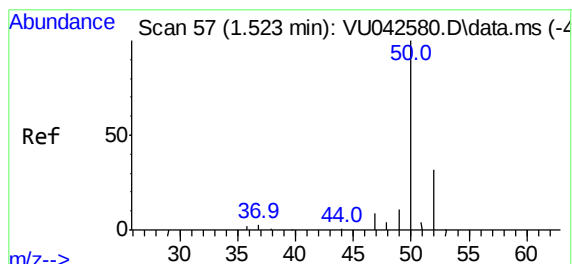
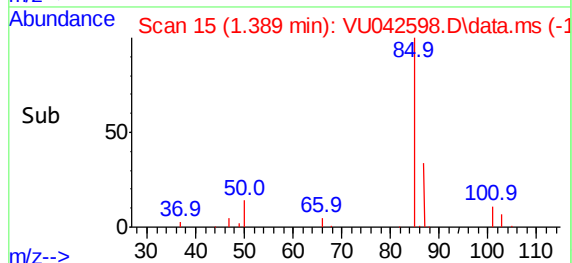
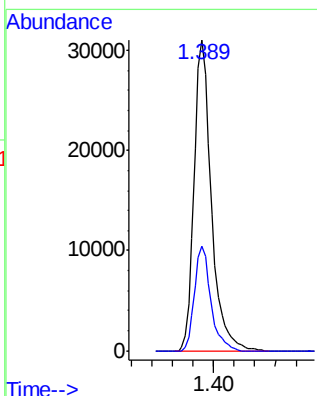
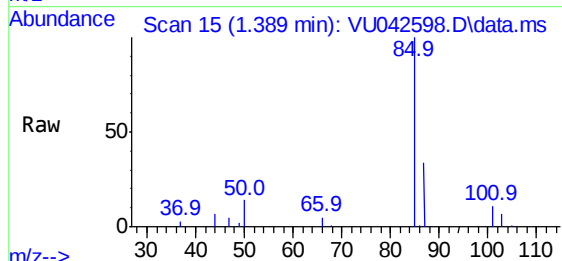




#2
Dichlorodifluoromethane
Concen: 4.75 ug/L
RT: 1.389 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU042598.D
Acq: 12 Mar 2021 05:57

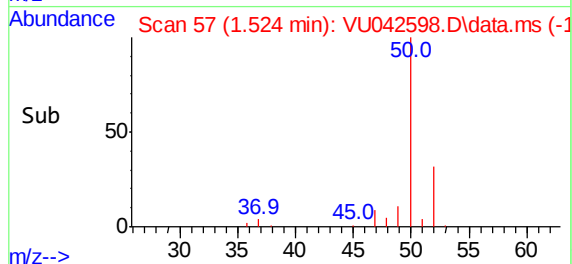
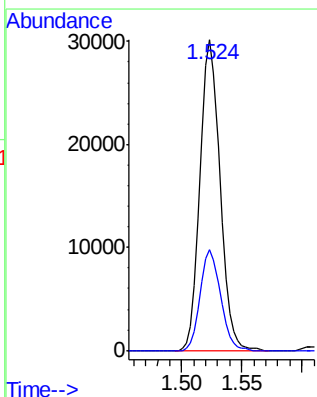
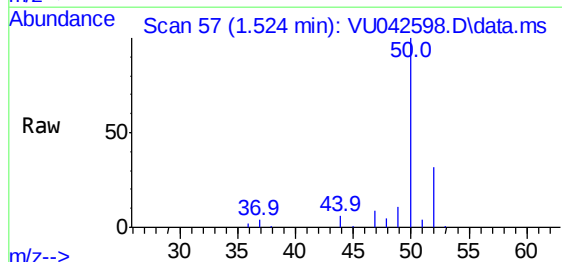
Instrument :
MSVOA_U
ClientSampleId :
VSTD00524

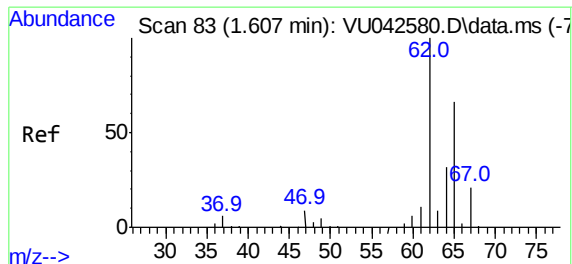
Tgt Ion: 85 Resp: 35853
Ion Ratio Lower Upper
85 100
87 32.2 26.1 39.1



#3
Chloromethane
Concen: 4.72 ug/L
RT: 1.524 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042598.D
Acq: 12 Mar 2021 05:57

Tgt Ion: 50 Resp: 33727
Ion Ratio Lower Upper
50 100
52 32.5 23.0 42.8

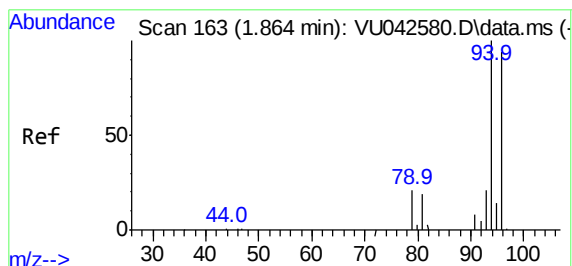
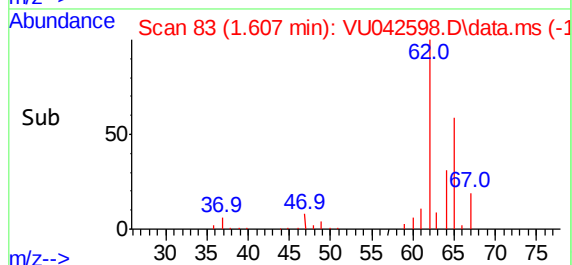
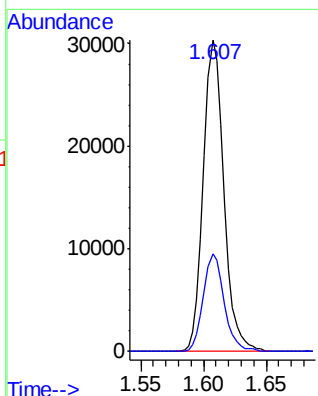
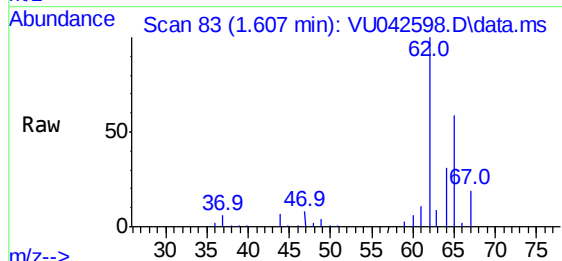




#5
 Vinyl chloride
 Concen: 4.77 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU042598.D
 Acq: 12 Mar 2021 05:57

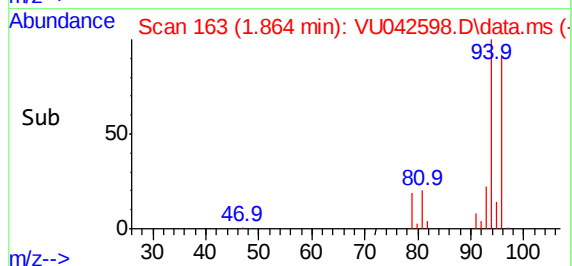
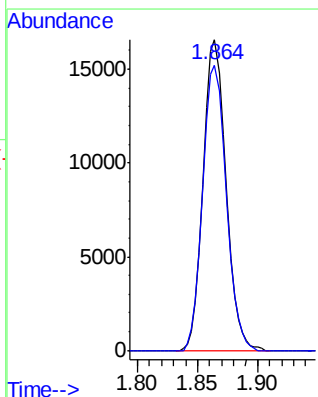
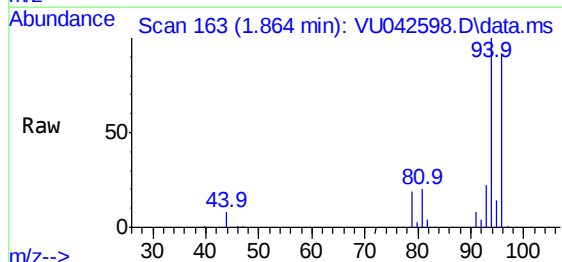
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00524

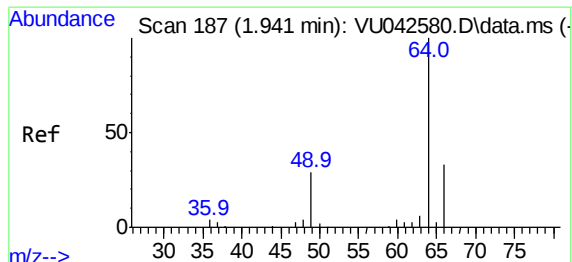
Tgt Ion: 62 Resp: 34188
 Ion Ratio Lower Upper
 62 100
 64 31.1 22.7 42.1



#6
 Bromomethane
 Concen: 5.34 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.000 min
 Lab File: VU042598.D
 Acq: 12 Mar 2021 05:57

Tgt Ion: 94 Resp: 21112
 Ion Ratio Lower Upper
 94 100
 96 91.7 66.5 123.5





#8

Chloroethane

Concen: 5.26 ug/L

RT: 1.938 min Scan# 186

Delta R.T. -0.003 min

Lab File: VU042598.D

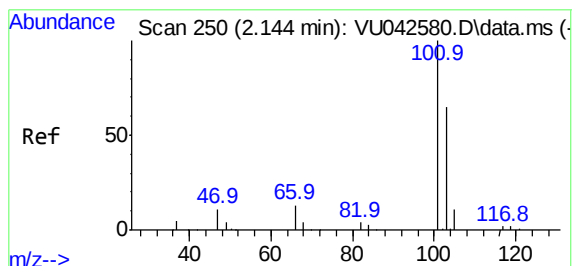
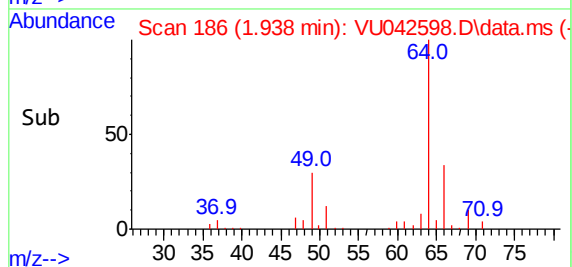
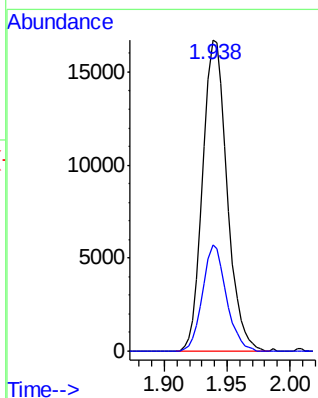
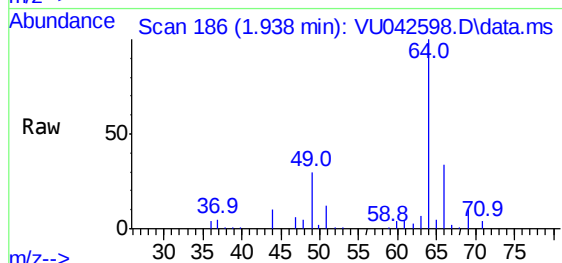
Acq: 12 Mar 2021 05:57

Tgt Ion: 64 Resp: 22513

Ion Ratio Lower Upper

64 100

66 34.2 22.2 41.2



#9

Trichlorofluoromethane

Concen: 5.16 ug/L

RT: 2.144 min Scan# 250

Delta R.T. 0.000 min

Lab File: VU042598.D

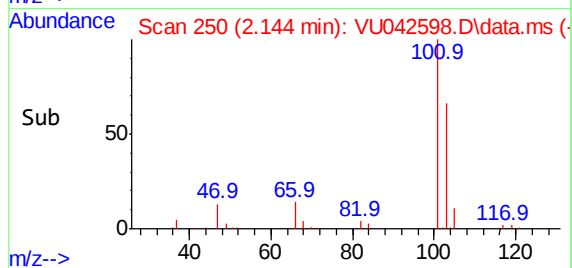
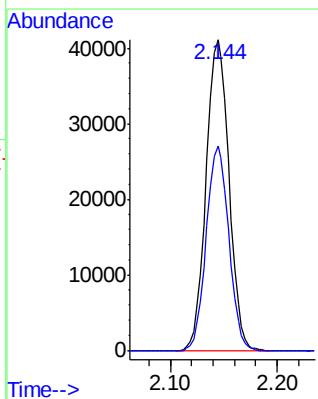
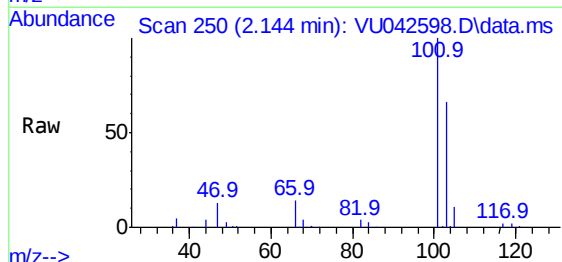
Acq: 12 Mar 2021 05:57

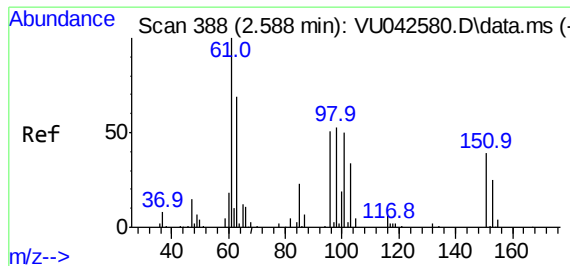
Tgt Ion:101 Resp: 60418

Ion Ratio Lower Upper

101 100

103 64.9 51.8 77.8

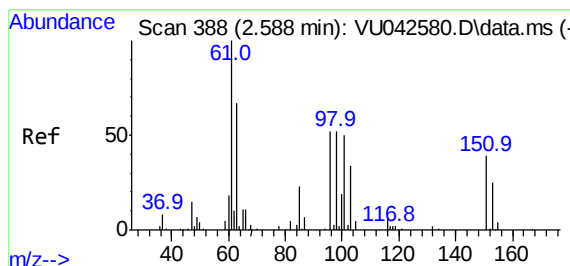
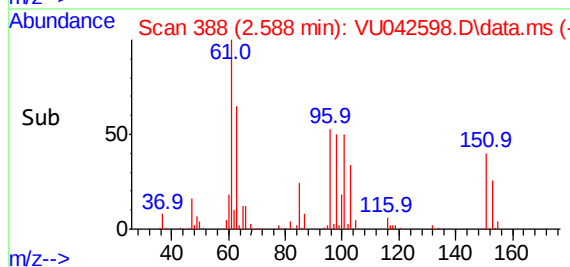
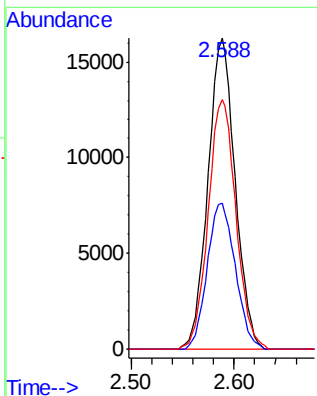
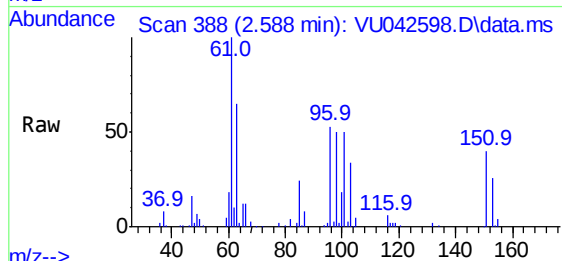




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.83 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU042598.D
 Acq: 12 Mar 2021 05:57

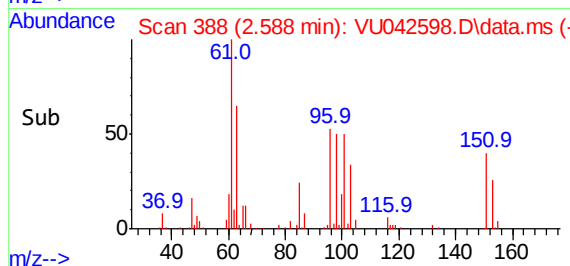
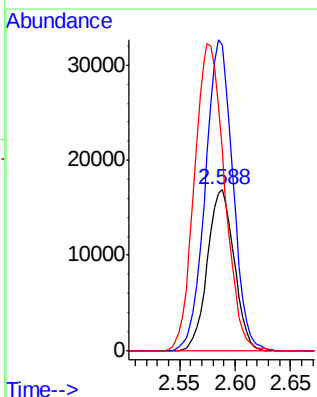
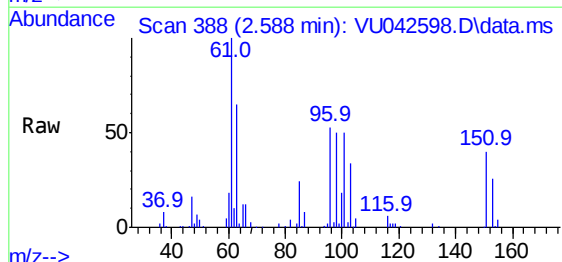
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00524

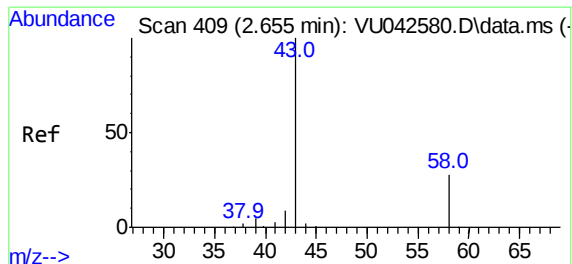
Tgt Ion:101 Resp: 29666
 Ion Ratio Lower Upper
 101 100
 85 48.4 34.6 51.8
 151 81.8 62.7 94.1



#12
 1,1-Dichloroethene
 Concen: 4.93 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU042598.D
 Acq: 12 Mar 2021 05:57

Tgt Ion: 96 Resp: 28177
 Ion Ratio Lower Upper
 96 100
 61 190.4 126.2 234.4
 63 124.5 77.8 144.4

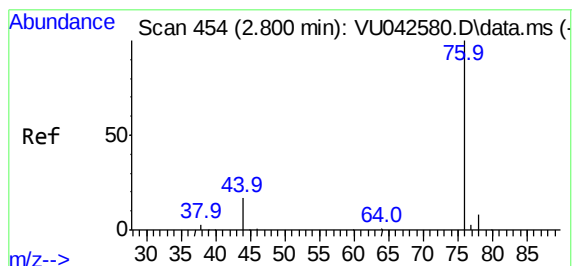
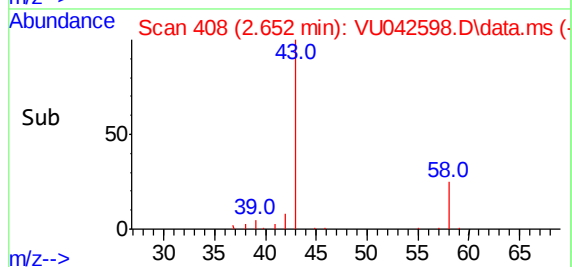
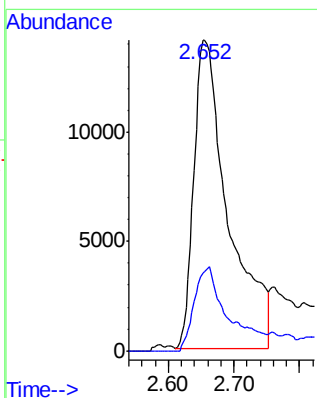
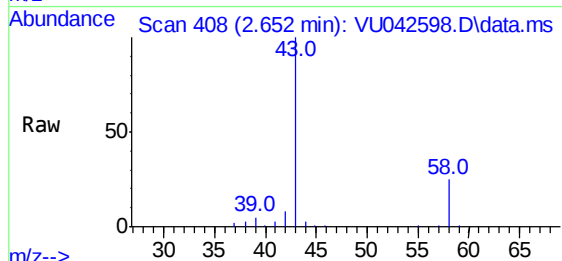




#13
Acetone
Concen: 37.52 ug/L
RT: 2.652 min Scan# 408
Delta R.T. -0.003 min
Lab File: VU042598.D
Acq: 12 Mar 2021 05:57

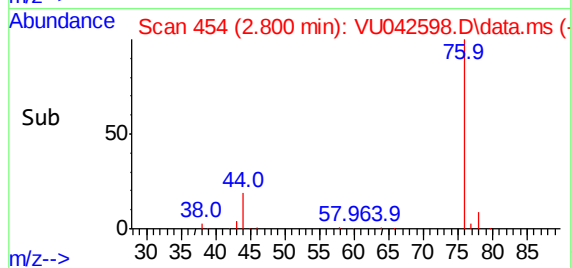
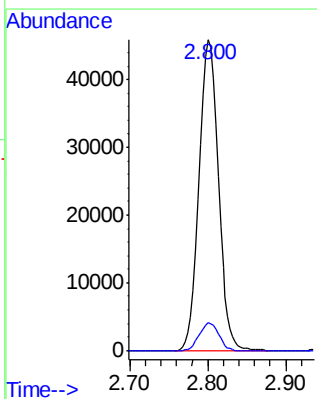
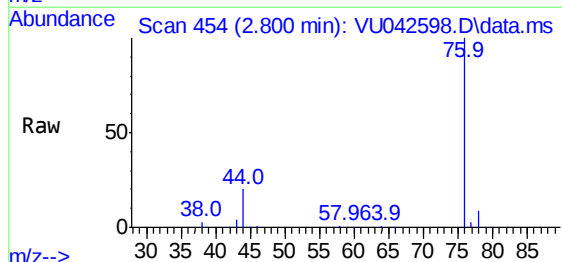
Instrument :
MSVOA_U
ClientSampleId :
VSTD00524

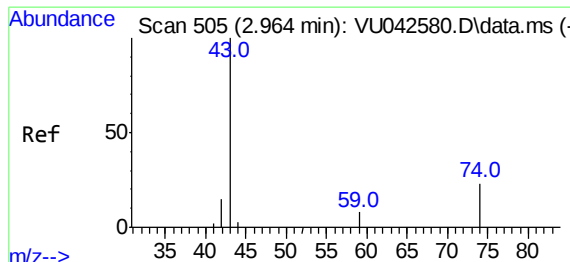
Tgt Ion: 43 Resp: 51287
Ion Ratio Lower Upper
43 100
58 27.0 0.0 55.8



#14
Carbon disulfide
Concen: 4.34 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.000 min
Lab File: VU042598.D
Acq: 12 Mar 2021 05:57

Tgt Ion: 76 Resp: 78923
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9

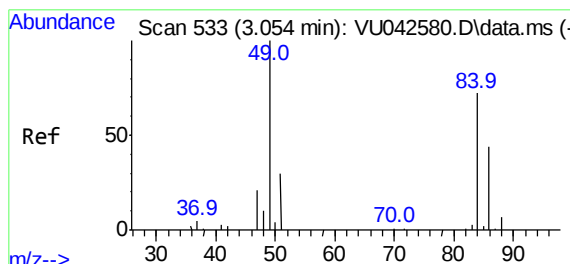
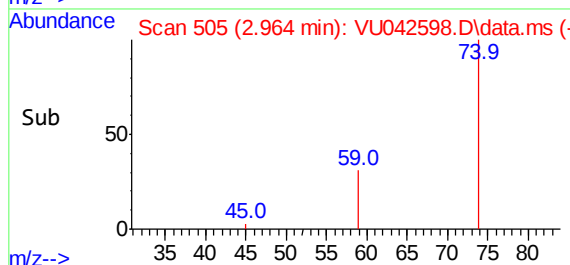
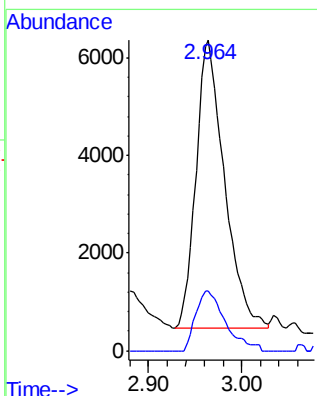
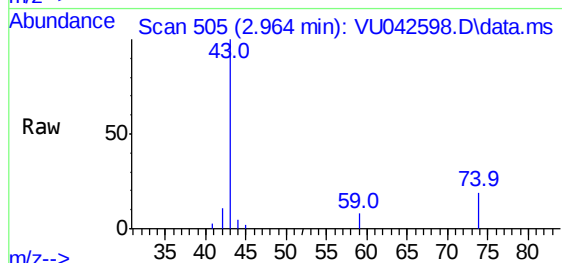




#15
Methyl Acetate
Concen: 3.70 ug/L
RT: 2.964 min Scan# 505
Delta R.T. 0.000 min
Lab File: VU042598.D
Acq: 12 Mar 2021 05:57

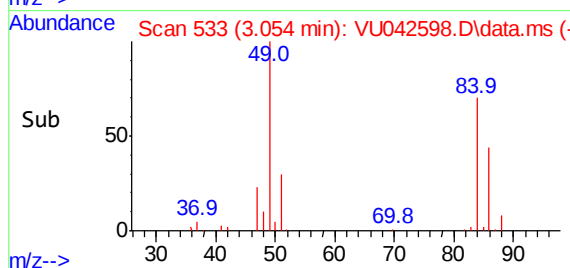
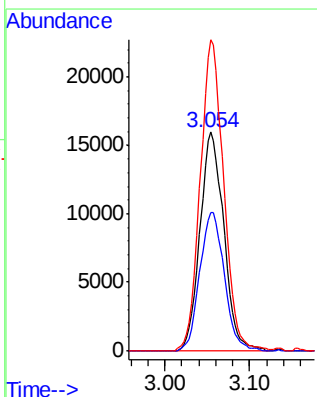
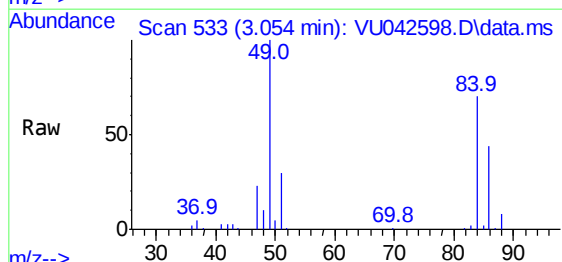
Instrument :
MSVOA_U
ClientSampleId :
VSTD00524

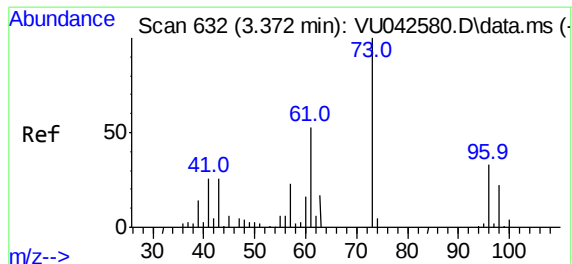
Tgt Ion: 43 Resp: 12576
Ion Ratio Lower Upper
43 100
74 21.6 16.9 25.3



#16
Methylene chloride
Concen: 4.51 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU042598.D
Acq: 12 Mar 2021 05:57

Tgt Ion: 84 Resp: 30861
Ion Ratio Lower Upper
84 100
86 62.9 44.1 81.9
49 142.2 95.0 176.4



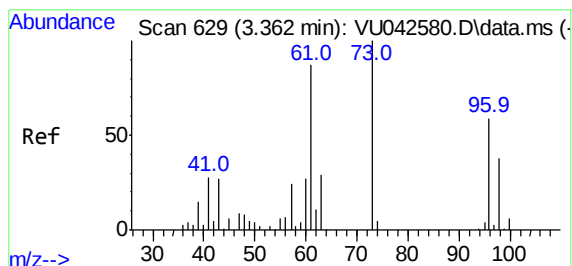
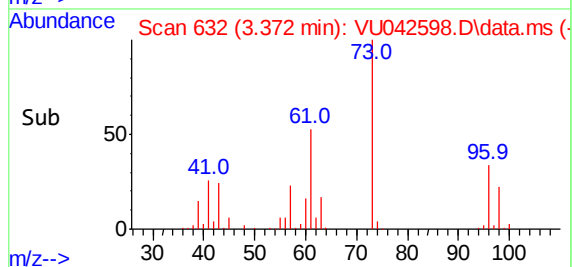
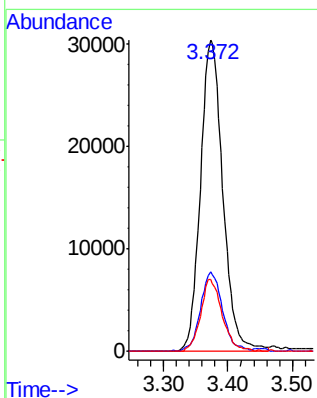
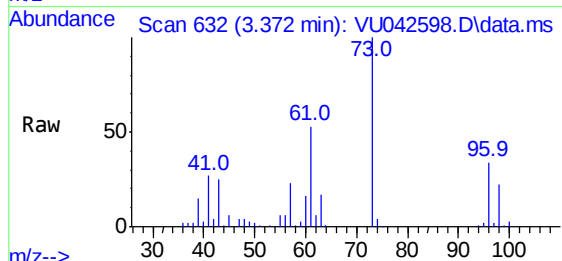


#17
Methyl tert-butyl Ether
Concen: 4.55 ug/L
RT: 3.372 min Scan# 632
Delta R.T. 0.000 min
Lab File: VU042598.D
Acq: 12 Mar 2021 05:57

Instrument :
MSVOA_U
ClientSampleId :
VSTD00524

Tgt Ion: 73 Resp: 72996

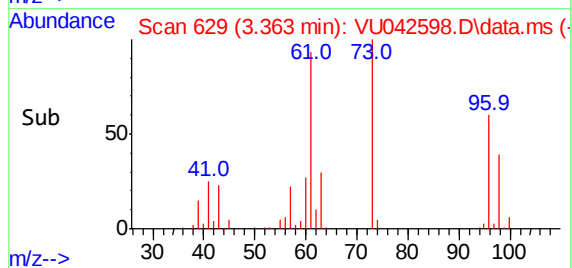
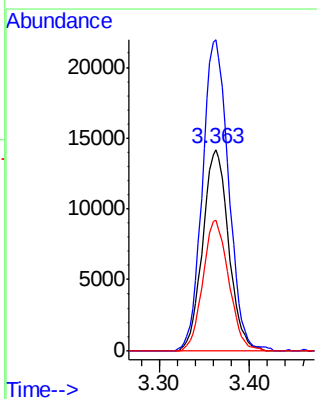
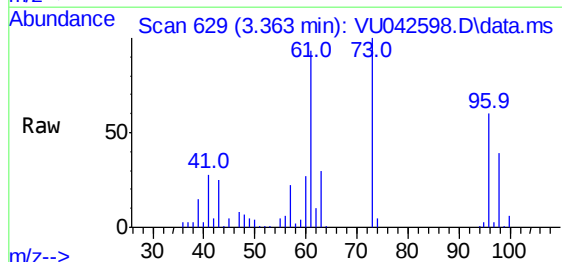
Ion	Ratio	Lower	Upper
73	100		
43	24.7	18.9	28.3
57	22.0	18.2	27.4

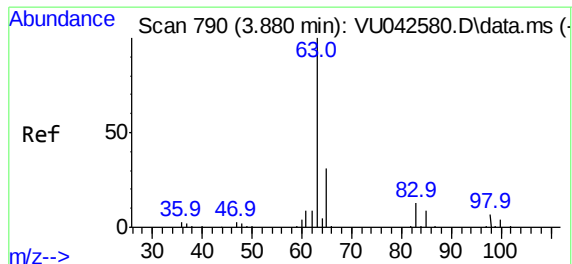


#18
trans-1,2-Dichloroethene
Concen: 4.67 ug/L
RT: 3.363 min Scan# 629
Delta R.T. 0.000 min
Lab File: VU042598.D
Acq: 12 Mar 2021 05:57

Tgt Ion: 96 Resp: 28041

Ion	Ratio	Lower	Upper
96	100		
61	154.4	105.7	196.3
98	64.6	42.8	79.6

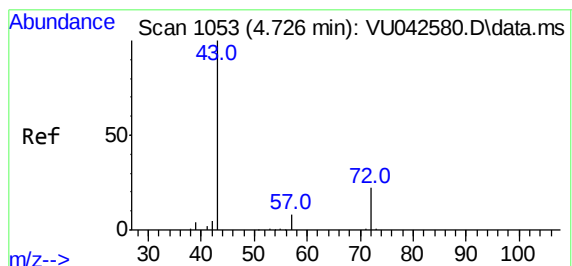
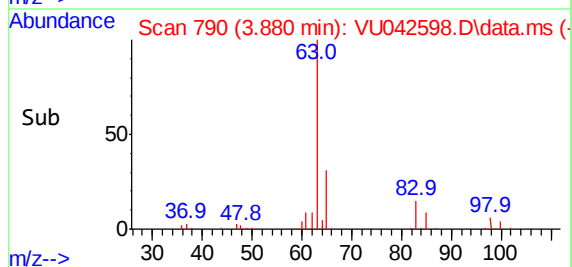
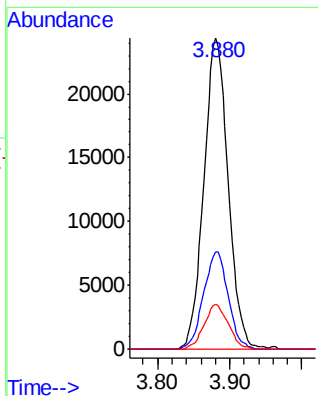
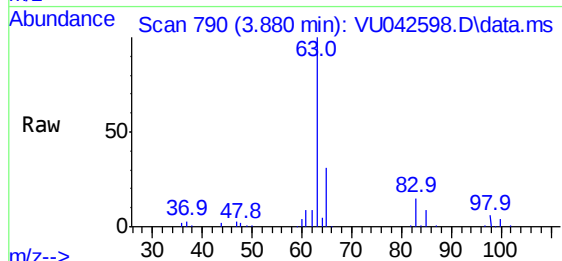




#19
1,1-Dichloroethane
Concen: 4.88 ug/L
RT: 3.880 min Scan# 790
Delta R.T. 0.000 min
Lab File: VU042598.D
Acq: 12 Mar 2021 05:57

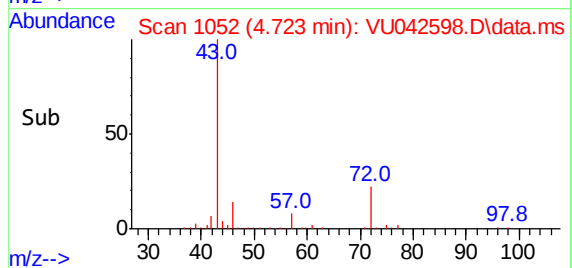
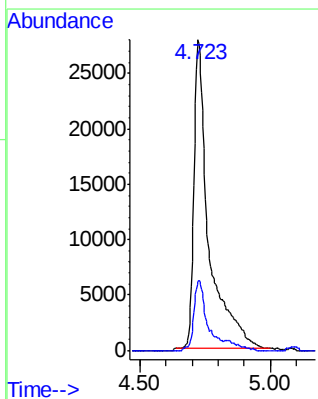
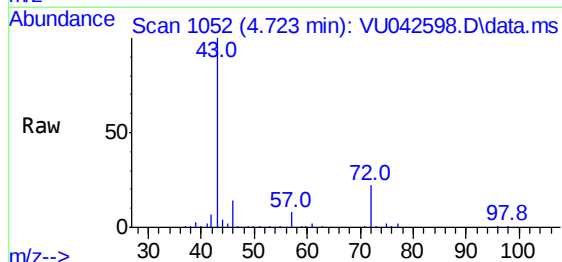
Instrument :
MSVOA_U
ClientSampleId :
VSTD00524

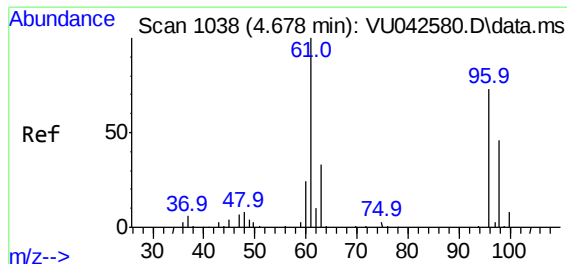
Tgt Ion: 63 Resp: 56539
Ion Ratio Lower Upper
63 100
65 31.1 22.5 41.9
83 14.5 10.1 18.7



#21
2-Butanone
Concen: 48.15 ug/L
RT: 4.723 min Scan# 1052
Delta R.T. -0.003 min
Lab File: VU042598.D
Acq: 12 Mar 2021 05:57

Tgt Ion: 43 Resp: 111886
Ion Ratio Lower Upper
43 100
72 19.7 11.7 35.1



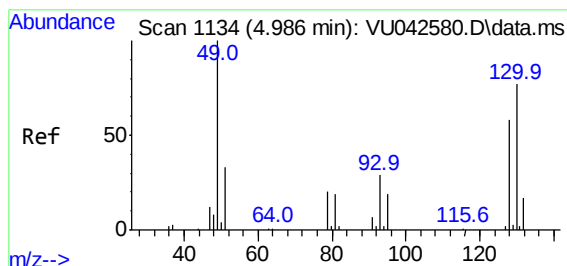
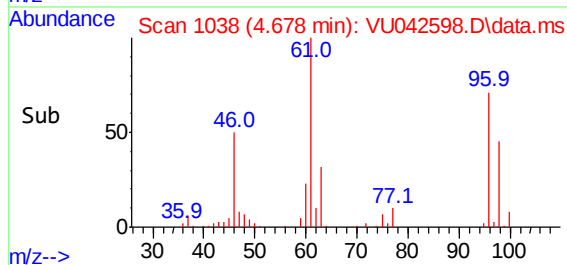
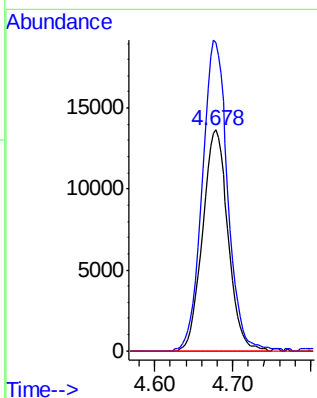
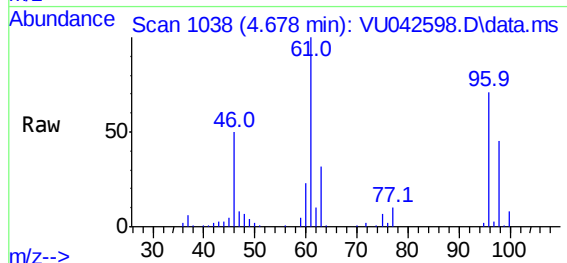


#22
 cis-1,2-Dichloroethene
 Concen: 4.83 ug/L
 RT: 4.678 min Scan# 1038
 Delta R.T. 0.000 min
 Lab File: VU042598.D
 Acq: 12 Mar 2021 05:57

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00524

Tgt Ion: 96 Resp: 31013

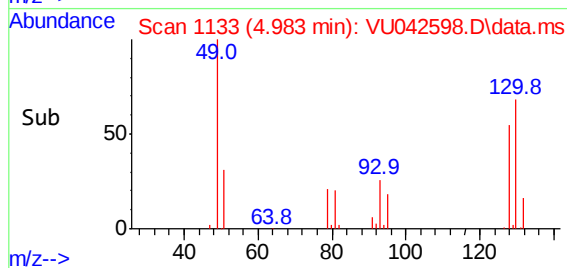
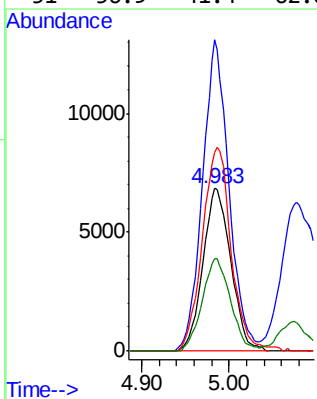
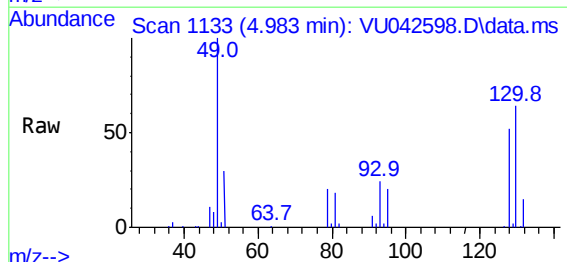
Ion	Ratio	Lower	Upper
96	100		
61	139.9	97.8	181.6
68	0.0	0.0	0.0

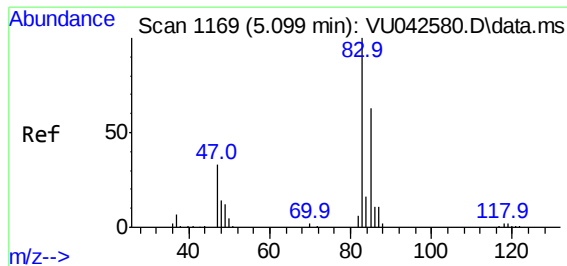


#23
 Bromochloromethane
 Concen: 4.91 ug/L
 RT: 4.983 min Scan# 1133
 Delta R.T. -0.003 min
 Lab File: VU042598.D
 Acq: 12 Mar 2021 05:57

Tgt Ion: 128 Resp: 14998

Ion	Ratio	Lower	Upper
128	100		
49	192.2	117.7	218.7
130	122.8	87.9	163.3
51	56.9	41.4	62.0

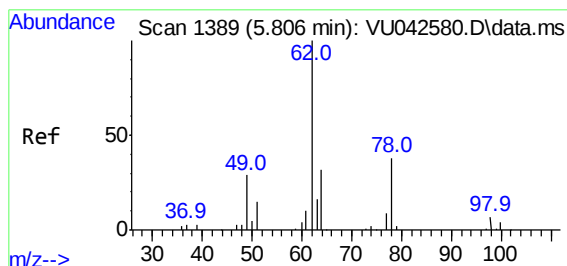
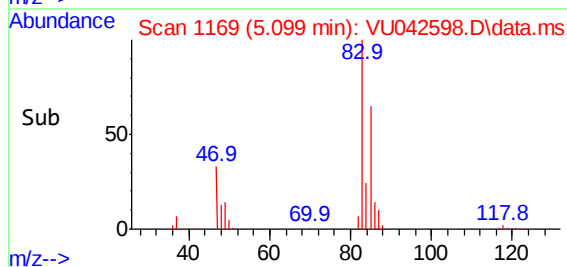
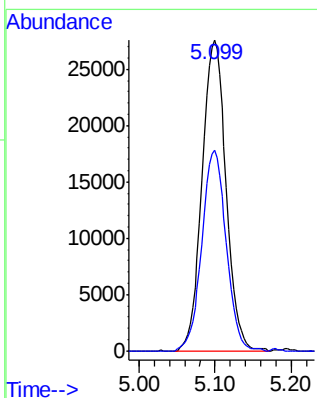
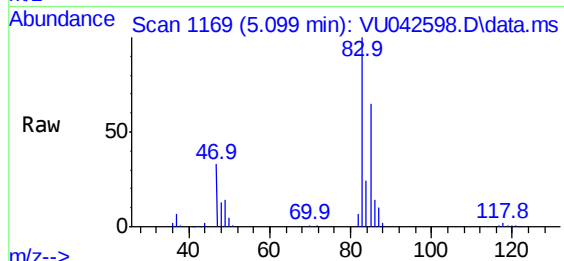




#25
Chloroform
Concen: 4.96 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU042598.D
Acq: 12 Mar 2021 05:57

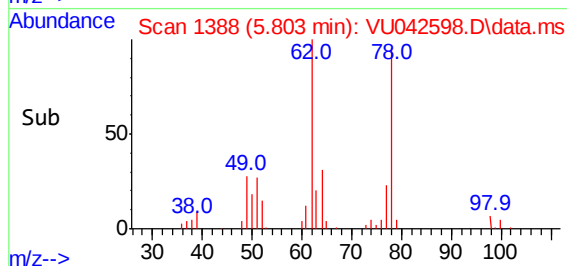
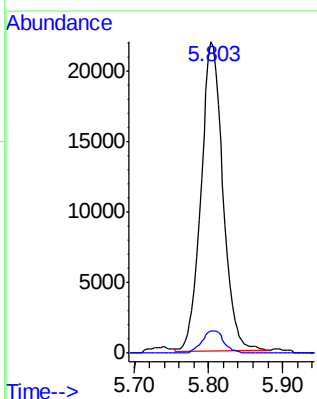
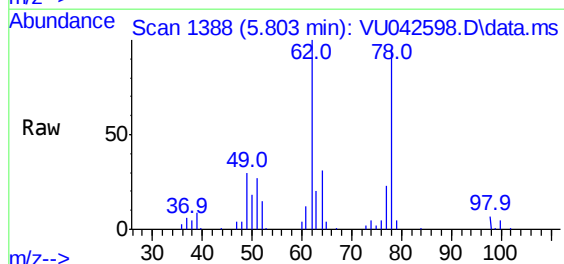
Instrument :
MSVOA_U
ClientSampleId :
VSTD00524

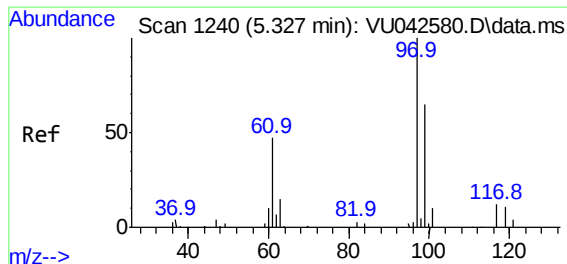
Tgt Ion: 83 Resp: 60313
Ion Ratio Lower Upper
83 100
85 64.6 45.7 84.9



#27
1,2-Dichloroethane
Concen: 4.94 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. -0.003 min
Lab File: VU042598.D
Acq: 12 Mar 2021 05:57

Tgt Ion: 62 Resp: 45081
Ion Ratio Lower Upper
62 100
98 6.7 7.3 10.9#

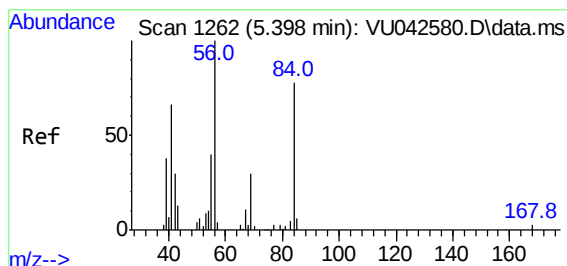
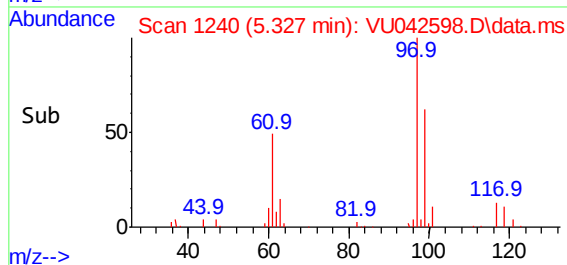
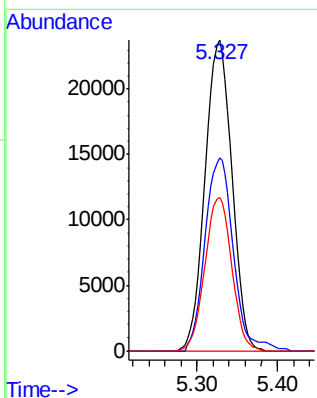
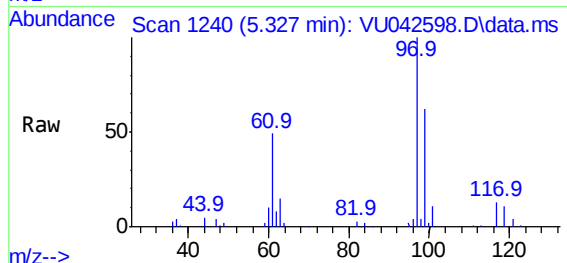




#29
1,1,1-Trichloroethane
Concen: 4.76 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VU042598.D
Acq: 12 Mar 2021 05:57

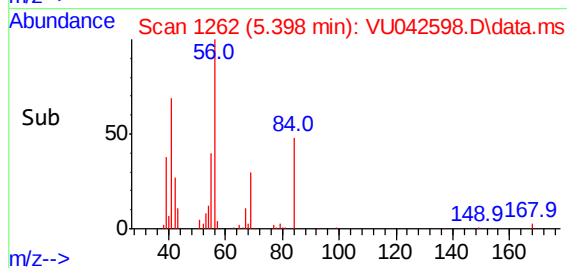
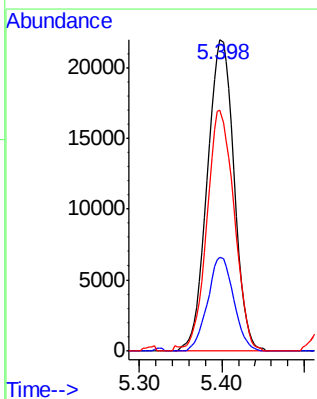
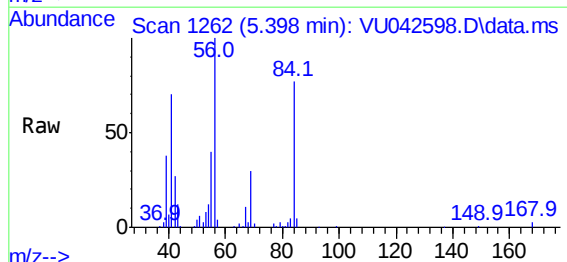
Instrument :
MSVOA_U
ClientSampleId :
VSTD00524

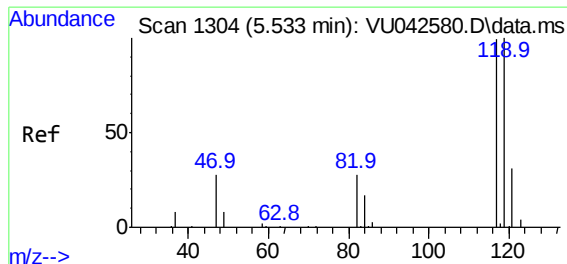
Tgt Ion: 97 Resp: 53588
Ion Ratio Lower Upper
97 100
99 65.6 50.8 76.2
61 49.2 35.8 53.6



#30
Cyclohexane
Concen: 4.37 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VU042598.D
Acq: 12 Mar 2021 05:57

Tgt Ion: 56 Resp: 49113
Ion Ratio Lower Upper
56 100
69 29.0 23.7 35.5
84 78.6 65.3 97.9

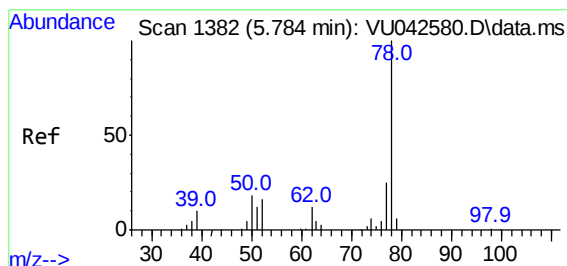
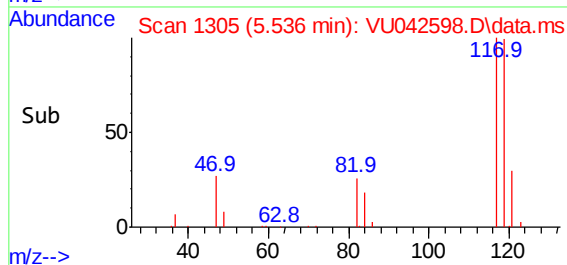
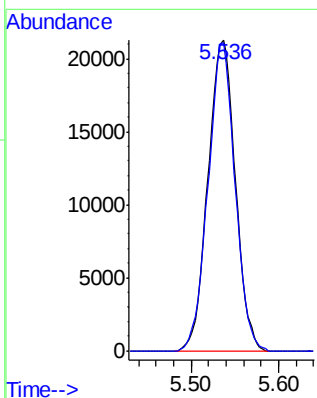
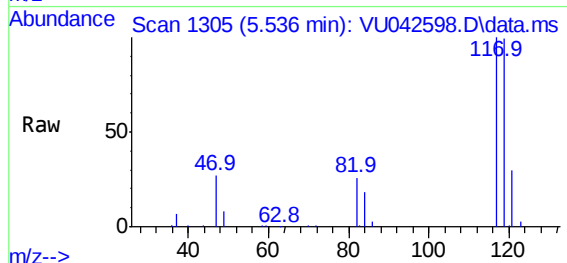




#31
Carbon tetrachloride
Concen: 4.64 ug/L
RT: 5.536 min Scan# 1305
Delta R.T. 0.004 min
Lab File: VU042598.D
Acq: 12 Mar 2021 05:57

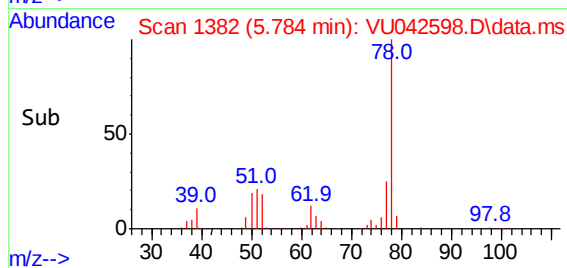
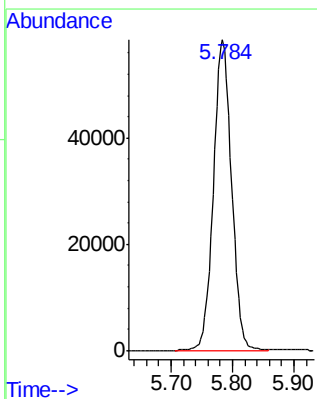
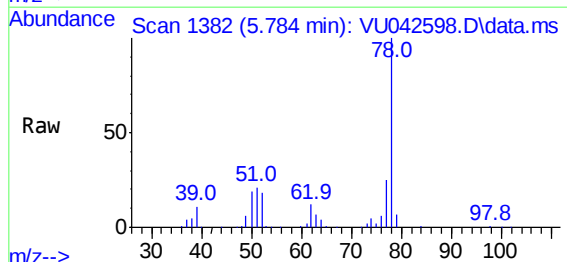
Instrument :
MSVOA_U
ClientSampleId :
VSTD00524

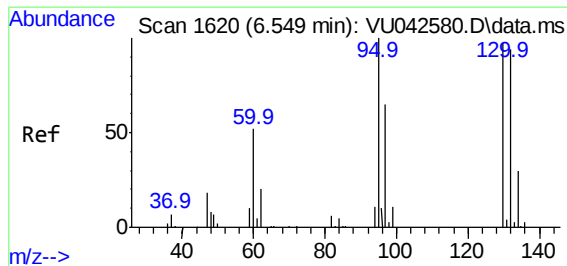
Tgt Ion:117 Resp: 46086
Ion Ratio Lower Upper
117 100
119 97.4 76.2 114.4



#33
Benzene
Concen: 4.76 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VU042598.D
Acq: 12 Mar 2021 05:57

Tgt Ion: 78 Resp: 120602



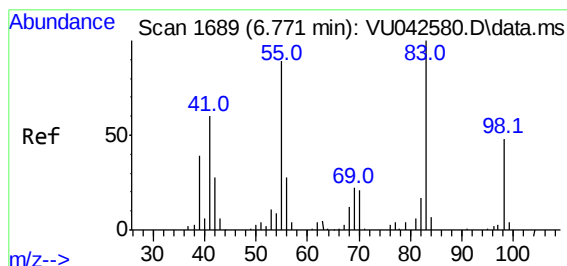
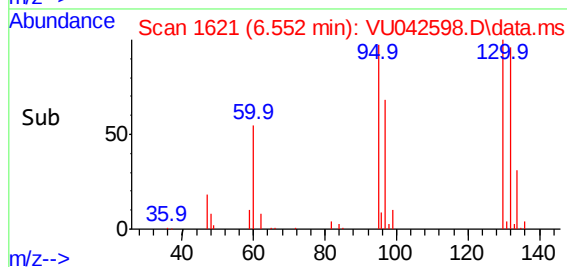
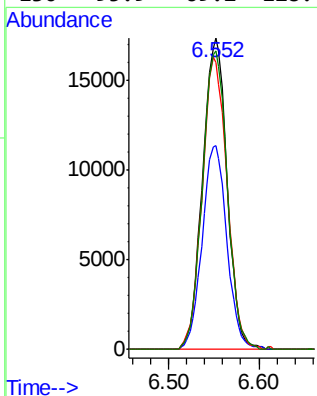
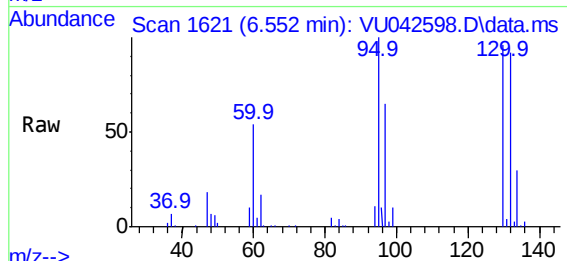


#34
Trichloroethene
Concen: 4.62 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.004 min
Lab File: VU042598.D
Acq: 12 Mar 2021 05:57

Instrument :
MSVOA_U
ClientSampleId :
VSTD00524

Tgt Ion: 95 Resp: 32425

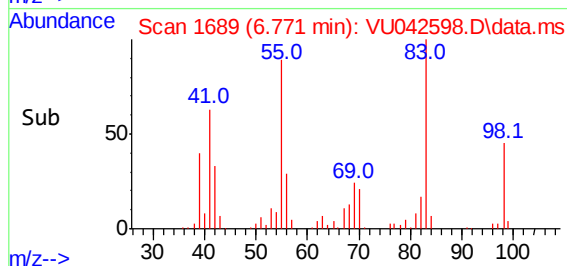
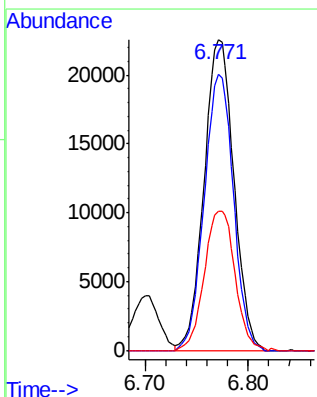
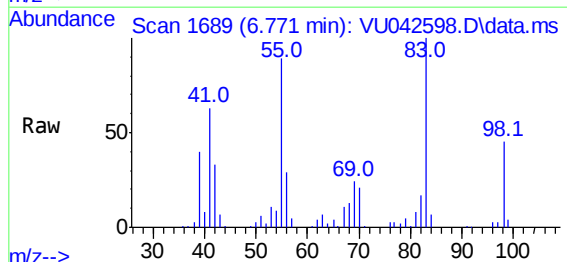
Ion	Ratio	Lower	Upper
95	100		
97	65.3	44.4	82.4
132	92.0	68.0	126.4
130	95.9	69.2	128.4

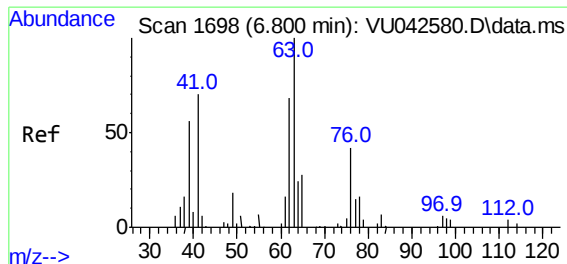


#35
Methylcyclohexane
Concen: 4.24 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VU042598.D
Acq: 12 Mar 2021 05:57

Tgt Ion: 83 Resp: 45267

Ion	Ratio	Lower	Upper
83	100		
55	87.0	68.2	102.4
98	46.0	39.7	59.5

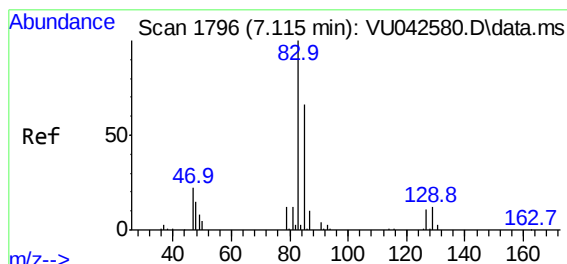
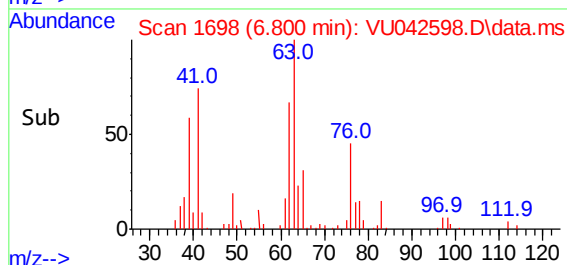
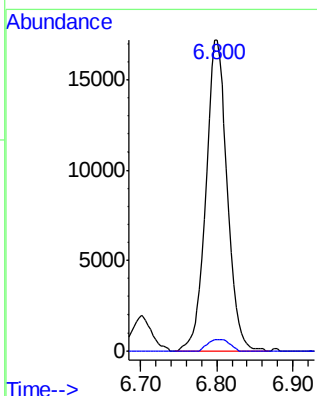
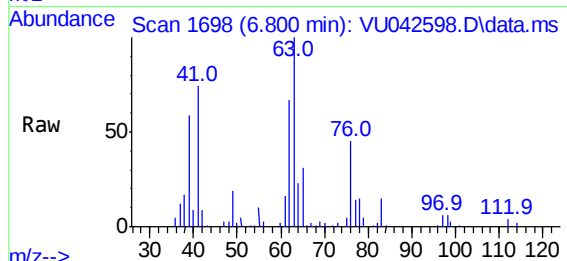




#37
1,2-Dichloropropane
Concen: 4.87 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VU042598.D
Acq: 12 Mar 2021 05:57

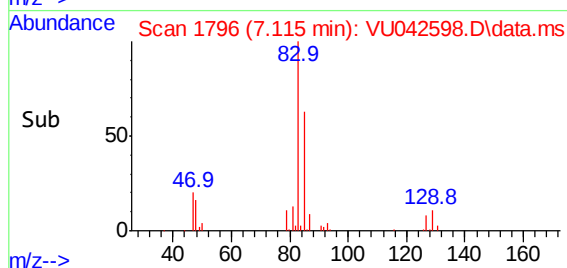
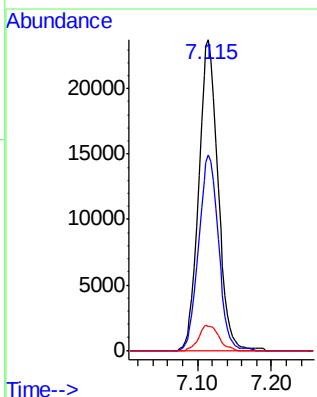
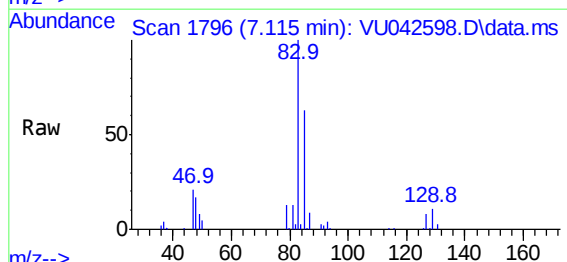
Instrument :
MSVOA_U
ClientSampleId :
VSTD00524

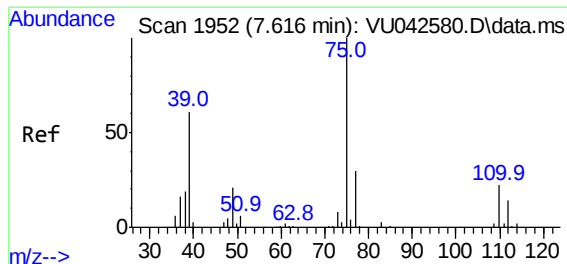
Tgt Ion: 63 Resp: 33324
Ion Ratio Lower Upper
63 100
112 3.8 3.4 5.0



#38
Bromodichloromethane
Concen: 4.80 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VU042598.D
Acq: 12 Mar 2021 05:57

Tgt Ion: 83 Resp: 42803
Ion Ratio Lower Upper
83 100
85 62.9 46.0 85.4
127 7.8 6.8 10.2

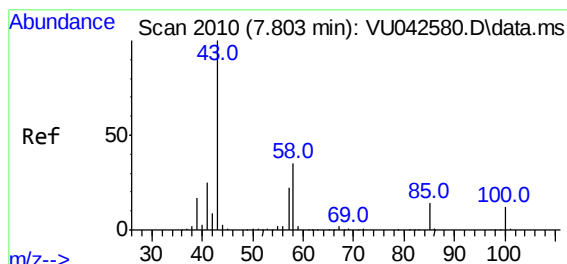
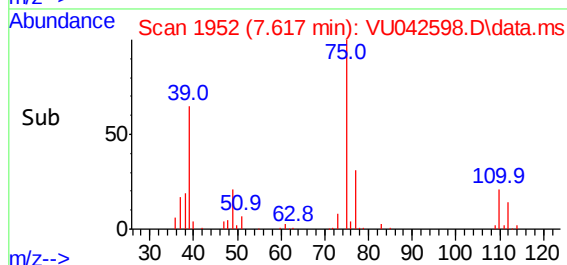
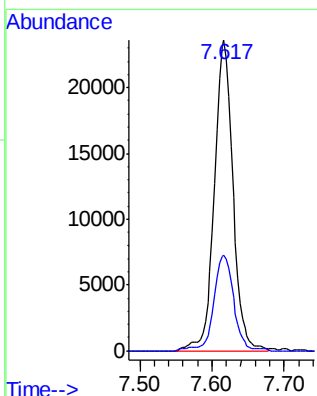
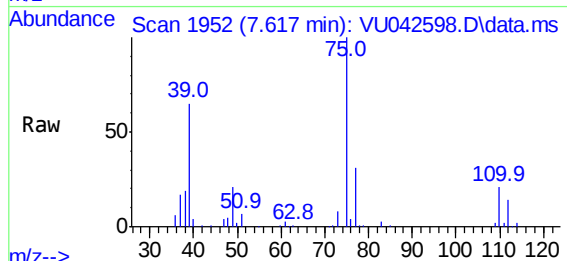




#39
 cis-1,3-Dichloropropene
 Concen: 4.23 ug/L
 RT: 7.617 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VU042598.D
 Acq: 12 Mar 2021 05:57

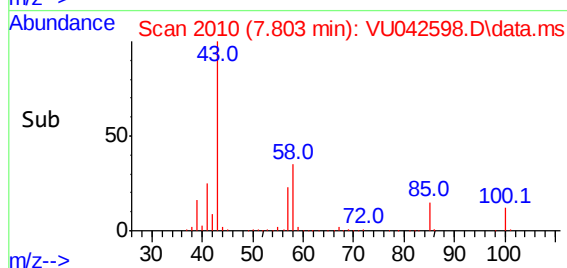
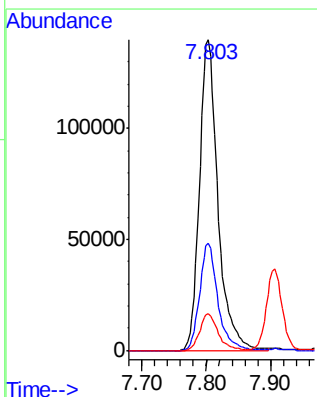
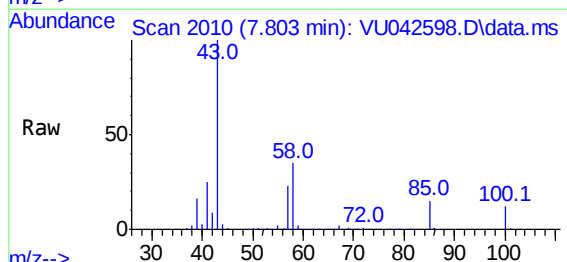
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00524

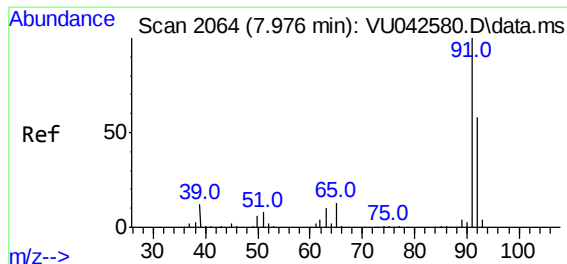
Tgt Ion: 75 Resp: 42202
 Ion Ratio Lower Upper
 75 100
 77 30.8 22.0 40.8



#40
 4-Methyl-2-pentanone
 Concen: 46.63 ug/L
 RT: 7.803 min Scan# 2010
 Delta R.T. 0.000 min
 Lab File: VU042598.D
 Acq: 12 Mar 2021 05:57

Tgt Ion: 43 Resp: 278023
 Ion Ratio Lower Upper
 43 100
 58 34.1 29.1 43.7
 100 11.8 11.0 16.4

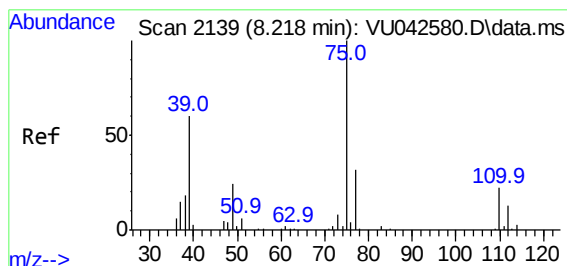
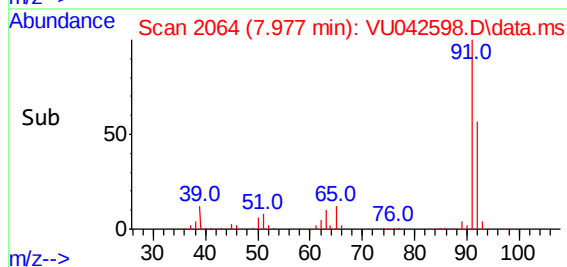
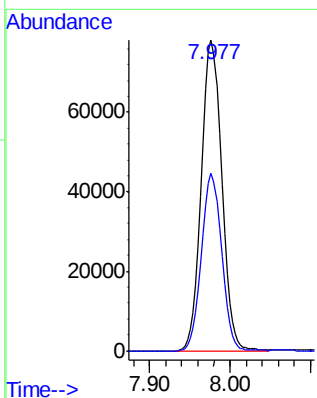
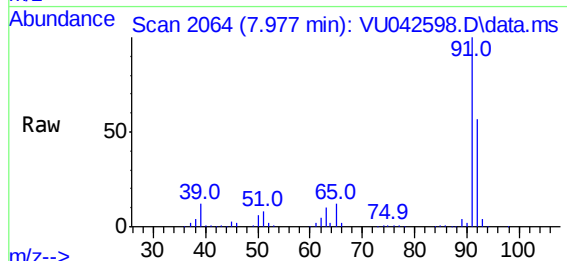




#42
Toluene
Concen: 4.84 ug/L
RT: 7.977 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU042598.D
Acq: 12 Mar 2021 05:57

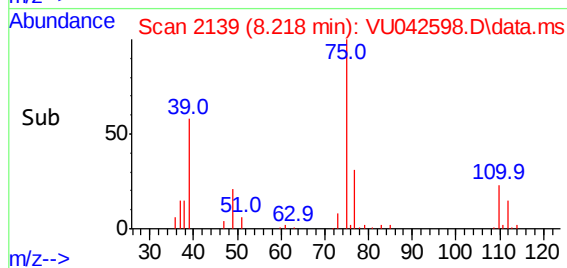
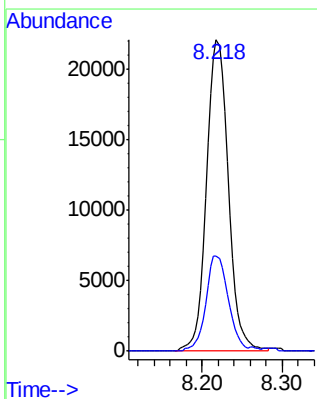
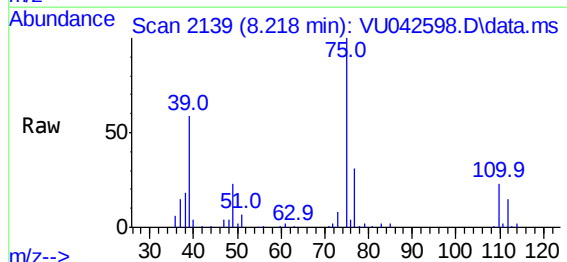
Instrument :
MSVOA_U
ClientSampleId :
VSTD00524

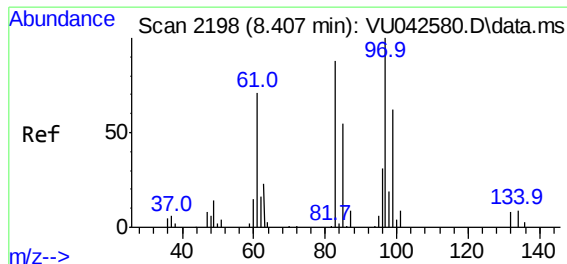
Tgt Ion: 91 Resp: 133836
Ion Ratio Lower Upper
91 100
92 57.0 41.2 76.6



#44
trans-1,3-Dichloropropene
Concen: 4.34 ug/L
RT: 8.218 min Scan# 2139
Delta R.T. 0.000 min
Lab File: VU042598.D
Acq: 12 Mar 2021 05:57

Tgt Ion: 75 Resp: 39858
Ion Ratio Lower Upper
75 100
77 30.5 21.8 40.4



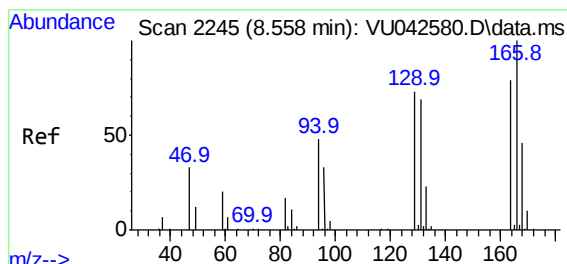
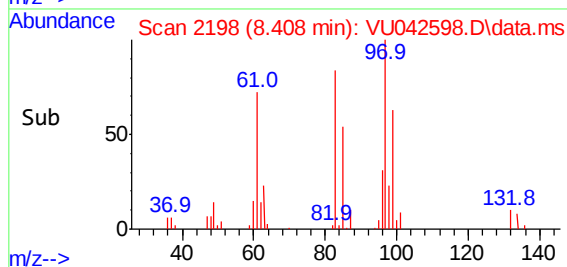
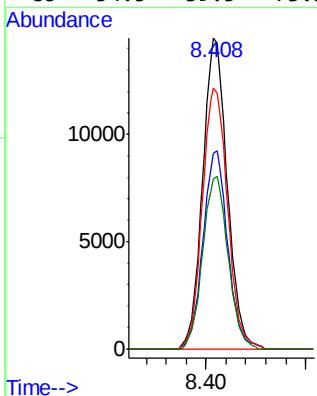
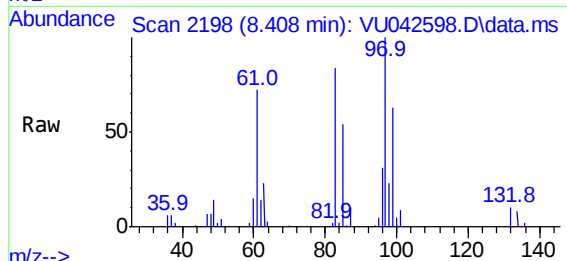


#45
1,1,2-Trichloroethane
Concen: 4.91 ug/L
RT: 8.408 min Scan# 2198
Delta R.T. 0.000 min
Lab File: VU042598.D
Acq: 12 Mar 2021 05:57

Instrument :
MSVOA_U
ClientSampleId :
VSTD00524

Tgt Ion: 97 Resp: 24741

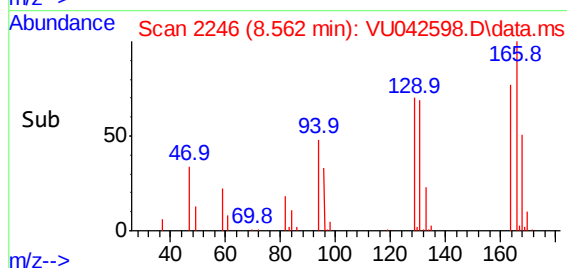
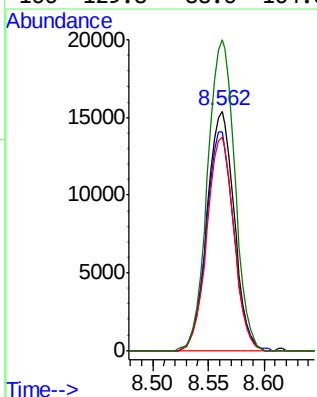
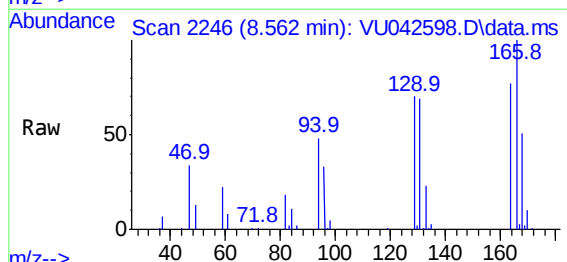
Ion	Ratio	Lower	Upper
97	100		
99	63.0	44.0	81.8
83	84.0	57.6	107.0
85	54.5	39.5	73.3

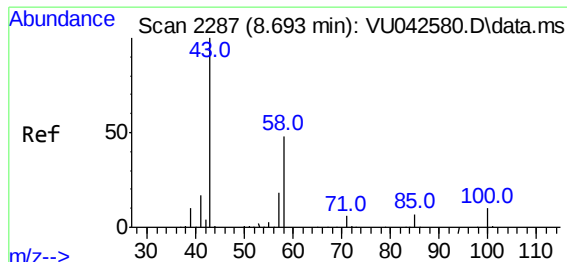


#47
Tetrachloroethene
Concen: 4.55 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.004 min
Lab File: VU042598.D
Acq: 12 Mar 2021 05:57

Tgt Ion: 164 Resp: 26074

Ion	Ratio	Lower	Upper
164	100		
129	91.2	64.3	119.5
131	89.4	62.2	115.6
166	129.8	88.6	164.6



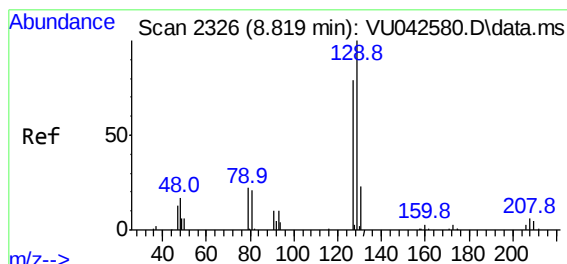
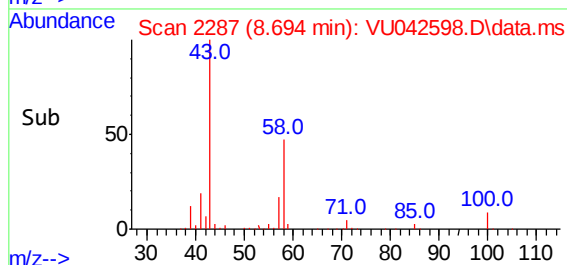
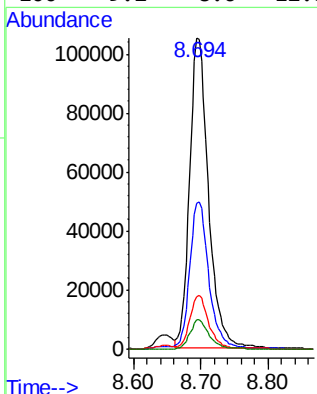
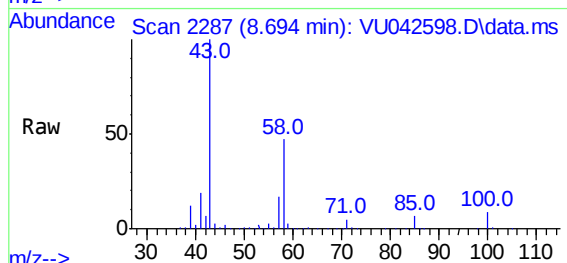


#48
2-Hexanone
Concen: 46.24 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. 0.000 min
Lab File: VU042598.D
Acq: 12 Mar 2021 05:57

Instrument :
MSVOA_U
ClientSampleId :
VSTD00524

Tgt Ion: 43 Resp: 203392

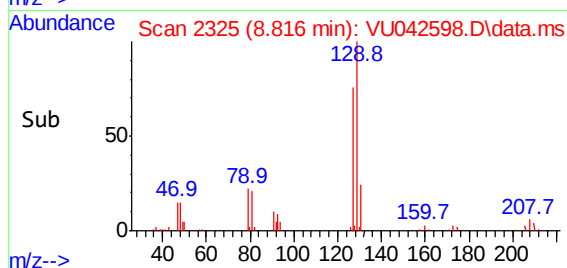
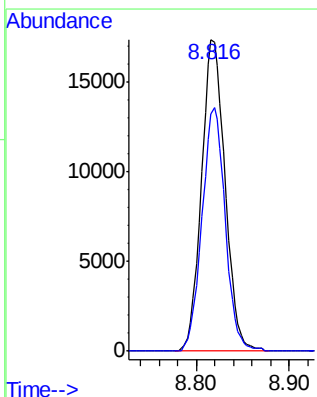
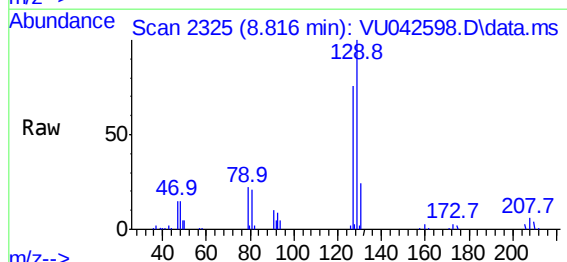
Ion	Ratio	Lower	Upper
43	100		
58	46.9	40.6	61.0
57	16.9	14.9	22.3
100	9.2	8.6	12.8

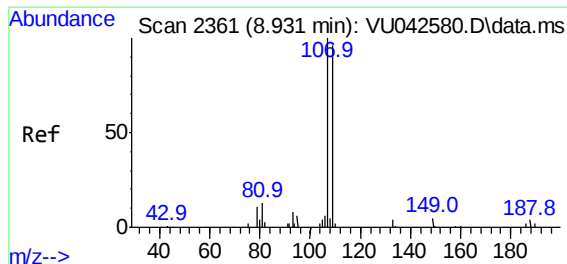


#49
Dibromochloromethane
Concen: 4.82 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. -0.003 min
Lab File: VU042598.D
Acq: 12 Mar 2021 05:57

Tgt Ion: 129 Resp: 30388

Ion	Ratio	Lower	Upper
129	100		
127	76.2	52.3	97.1

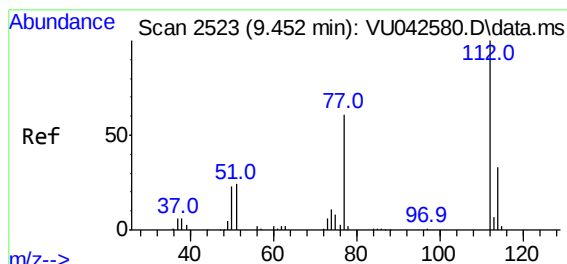
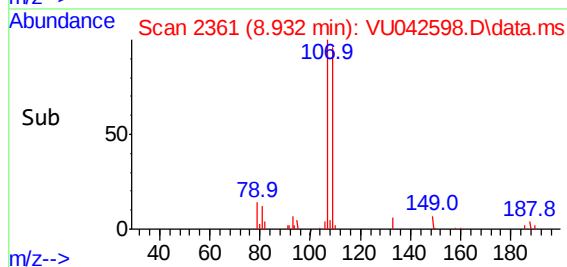
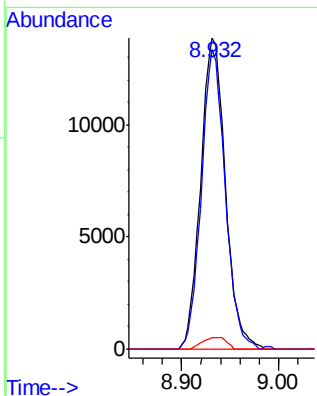
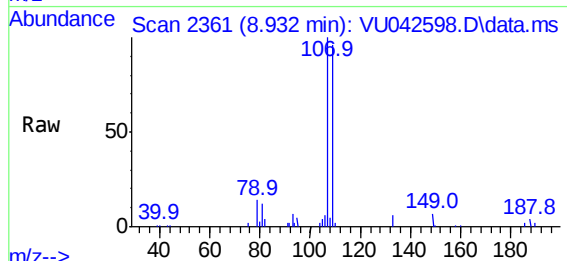




#50
1,2-Dibromoethane
Concen: 4.94 ug/L
RT: 8.932 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VU042598.D
Acq: 12 Mar 2021 05:57

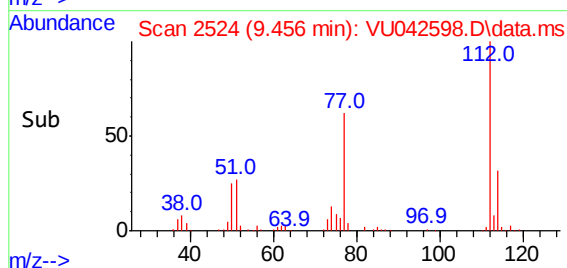
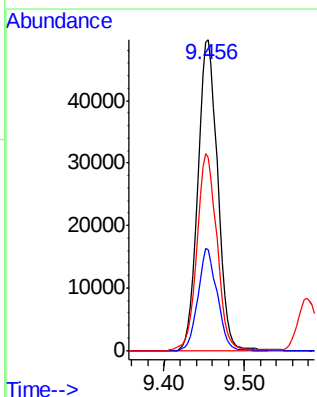
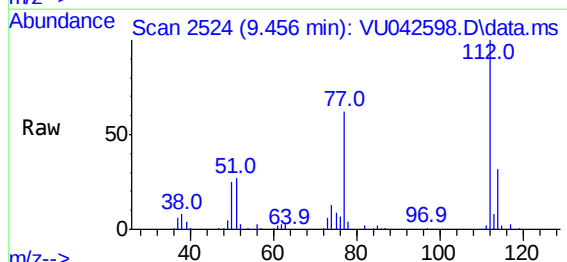
Instrument :
MSVOA_U
ClientSampleId :
VSTD00524

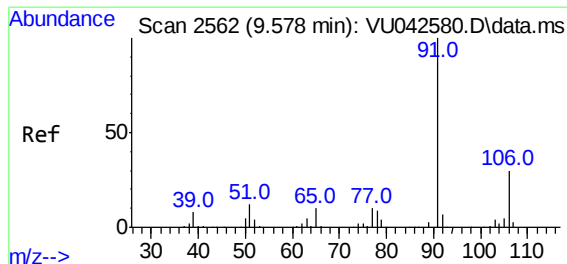
Tgt Ion:107 Resp: 24571
Ion Ratio Lower Upper
107 100
109 96.1 65.5 121.6
188 3.7 3.4 5.2



#51
Chlorobenzene
Concen: 4.66 ug/L
RT: 9.456 min Scan# 2524
Delta R.T. 0.004 min
Lab File: VU042598.D
Acq: 12 Mar 2021 05:57

Tgt Ion:112 Resp: 82223
Ion Ratio Lower Upper
112 100
114 32.3 22.0 41.0
77 62.0 49.8 74.6

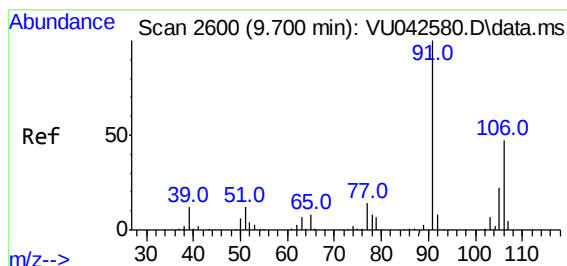
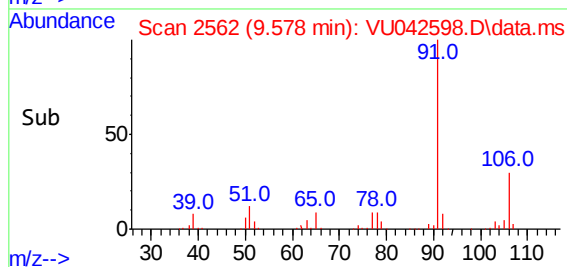
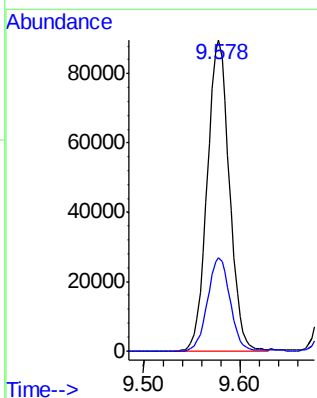
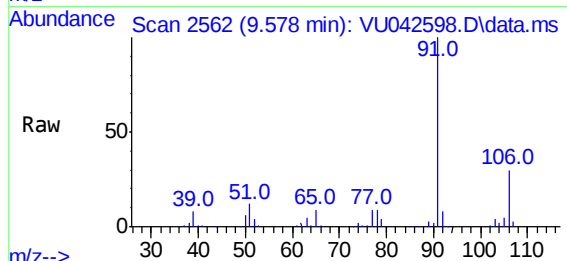




#52
Ethylbenzene
Concen: 4.57 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU042598.D
Acq: 12 Mar 2021 05:57

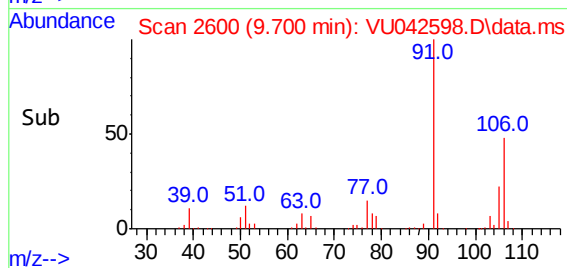
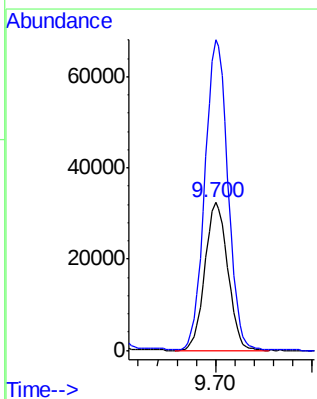
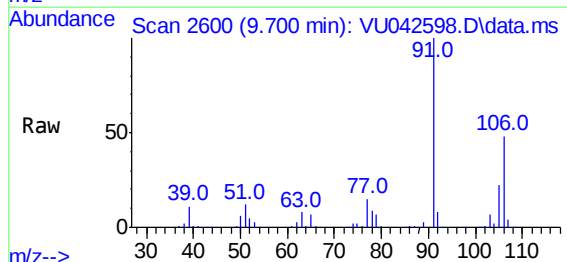
Instrument :
MSVOA_U
ClientSampleId :
VSTD00524

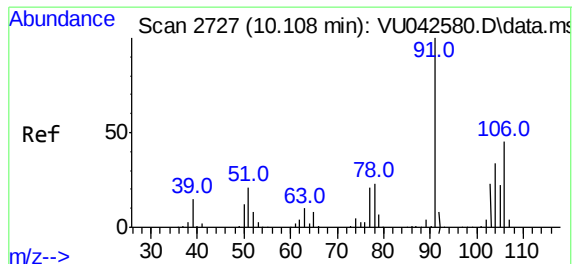
Tgt Ion: 91 Resp: 142332
Ion Ratio Lower Upper
91 100
106 30.1 21.1 39.3



#53
m,p-Xylene
Concen: 4.65 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. 0.000 min
Lab File: VU042598.D
Acq: 12 Mar 2021 05:57

Tgt Ion:106 Resp: 53483
Ion Ratio Lower Upper
106 100
91 210.4 145.1 269.5

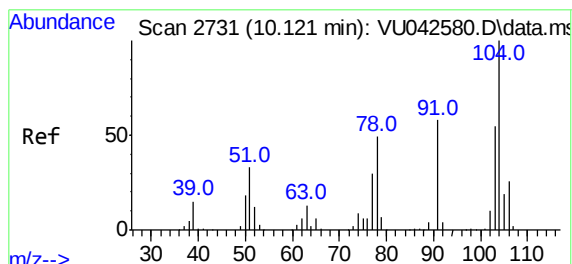
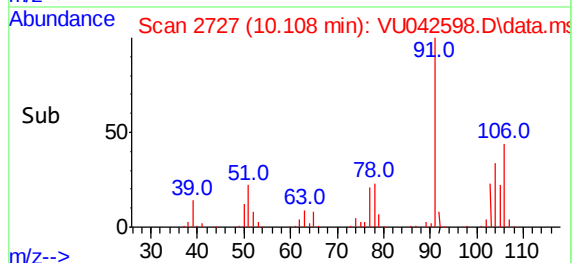
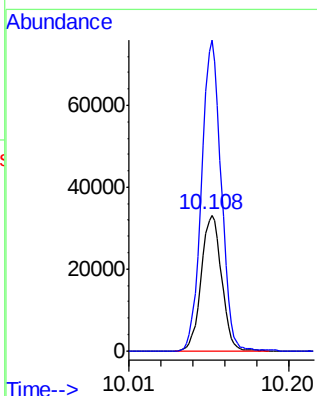
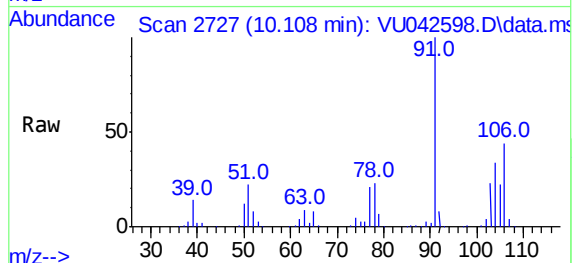




#54
o-Xylene
Concen: 4.78 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU042598.D
Acq: 12 Mar 2021 05:57

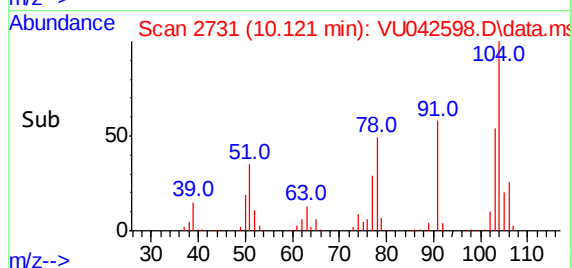
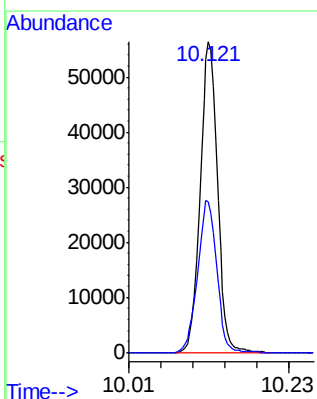
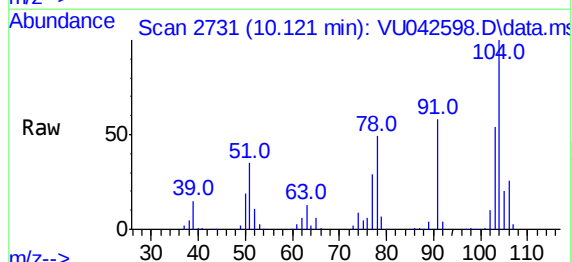
Instrument :
MSVOA_U
ClientSampled :
VSTD00524

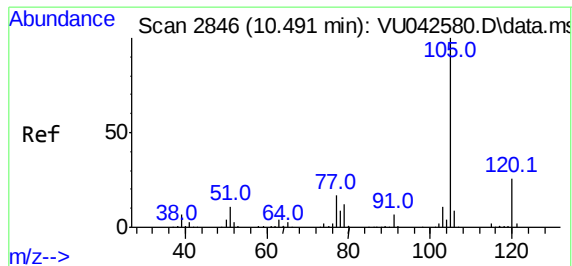
Tgt Ion:106 Resp: 53278
Ion Ratio Lower Upper
106 100
91 228.6 153.0 284.2



#55
Styrene
Concen: 4.82 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. 0.000 min
Lab File: VU042598.D
Acq: 12 Mar 2021 05:57

Tgt Ion:104 Resp: 91264
Ion Ratio Lower Upper
104 100
78 48.6 34.9 64.7

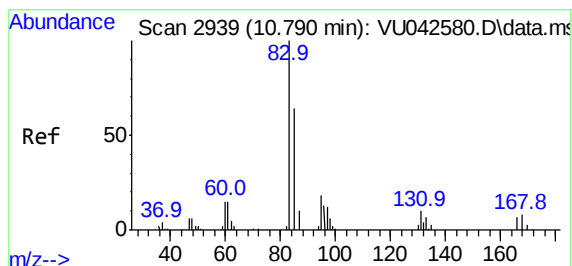
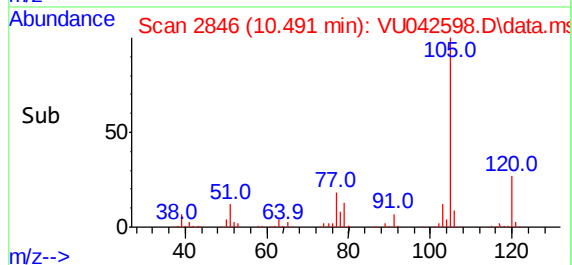
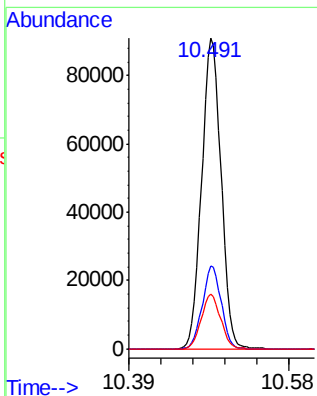
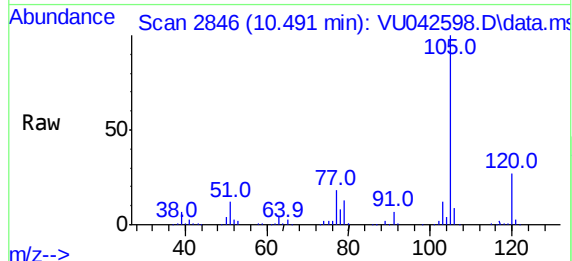




#56
Isopropylbenzene
Concen: 4.69 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. 0.000 min
Lab File: VU042598.D
Acq: 12 Mar 2021 05:57

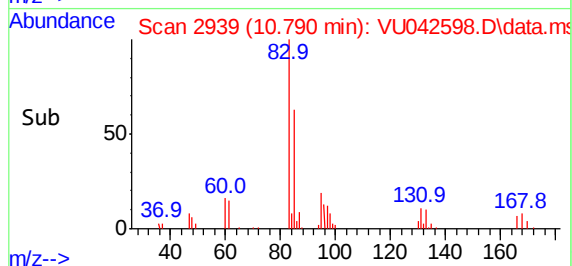
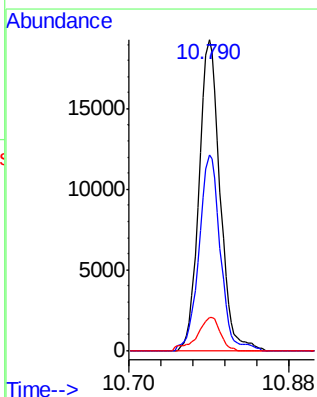
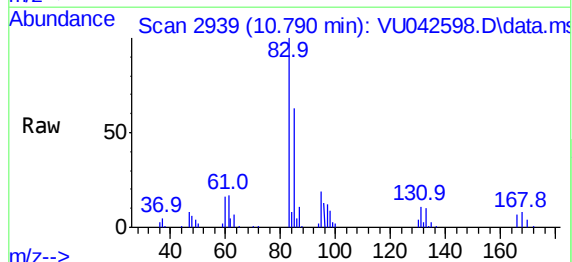
Instrument :
MSVOA_U
ClientSampleId :
VSTD00524

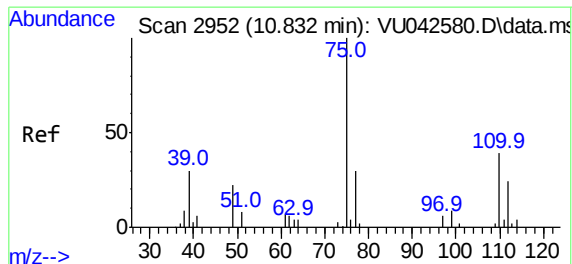
Tgt Ion:105 Resp: 143665
Ion Ratio Lower Upper
105 100
120 25.8 20.8 31.2
77 17.4 13.4 20.0



#58
1,1,2,2-Tetrachloroethane
Concen: 4.74 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. 0.000 min
Lab File: VU042598.D
Acq: 12 Mar 2021 05:57

Tgt Ion: 83 Resp: 32014
Ion Ratio Lower Upper
83 100
85 62.8 44.4 82.4
131 10.5 8.6 12.8

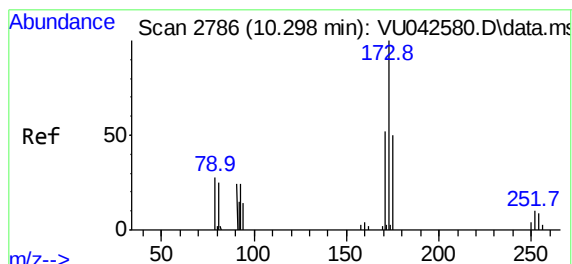
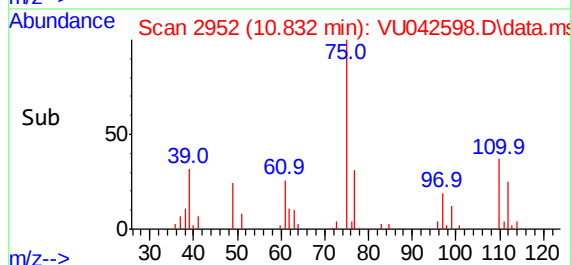
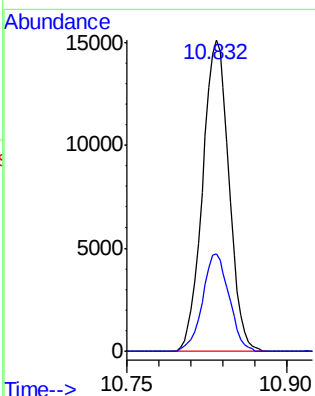
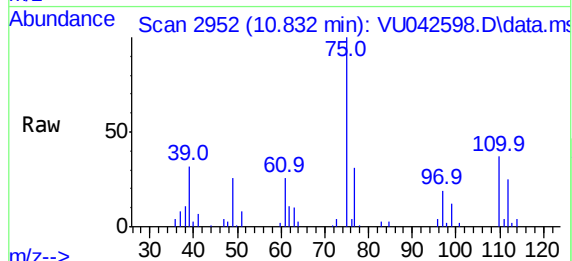




#59
1,2,3-Trichloropropane
Concen: 4.84 ug/L
RT: 10.832 min Scan# 2952
Delta R.T. 0.000 min
Lab File: VU042598.D
Acq: 12 Mar 2021 05:57

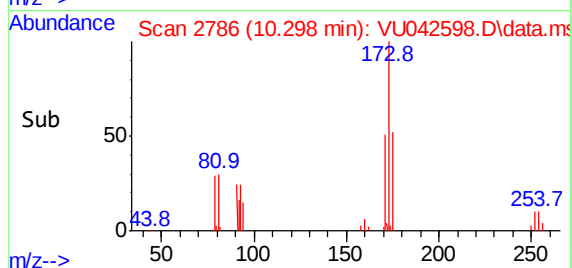
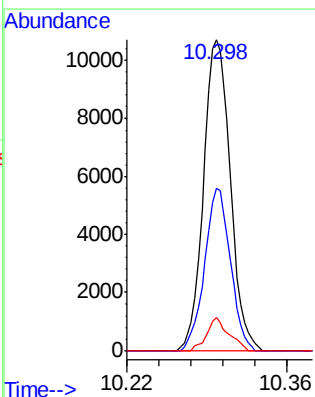
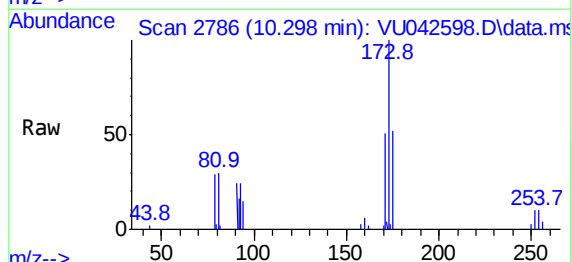
Instrument :
MSVOA_U
ClientSampleId :
VSTD00524

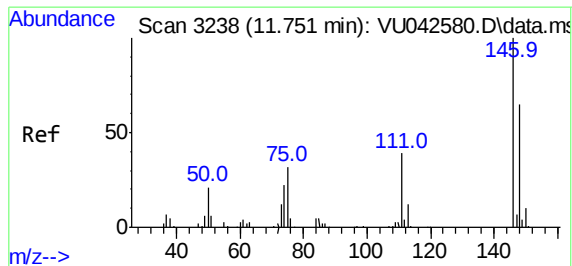
Tgt Ion: 75 Resp: 24859
Ion Ratio Lower Upper
75 100
77 31.2 26.0 39.0



#61
Bromoform
Concen: 4.65 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VU042598.D
Acq: 12 Mar 2021 05:57

Tgt Ion:173 Resp: 17846
Ion Ratio Lower Upper
173 100
175 50.4 38.7 58.1
254 8.6 7.9 11.9

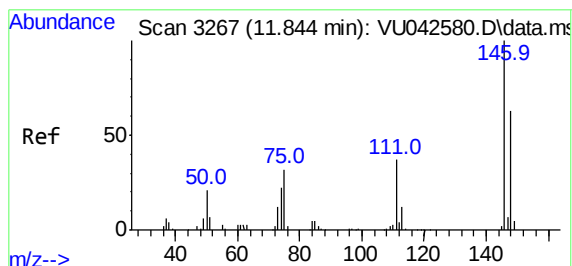
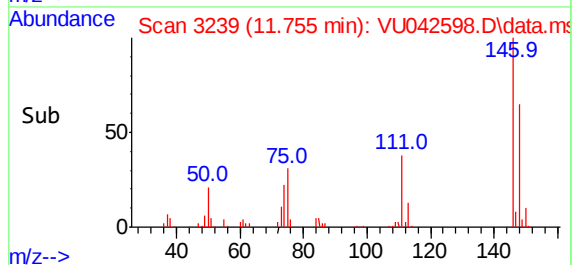
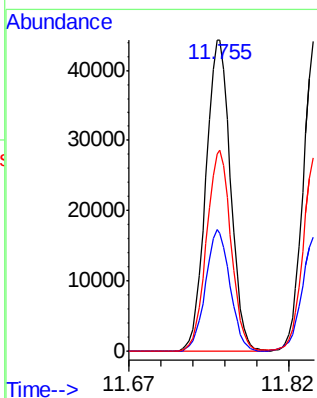
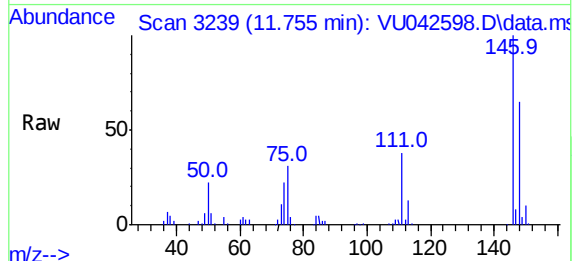




#62
1,3-Dichlorobenzene
Concen: 4.79 ug/L
RT: 11.755 min Scan# 3239
Delta R.T. 0.004 min
Lab File: VU042598.D
Acq: 12 Mar 2021 05:57

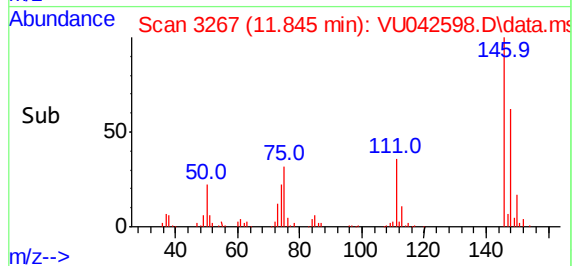
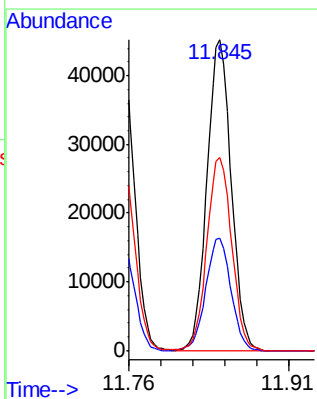
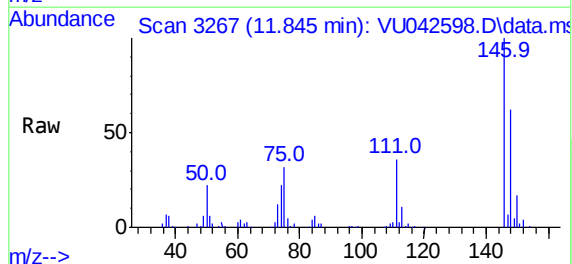
Instrument :
MSVOA_U
ClientSampleId :
VSTD00524

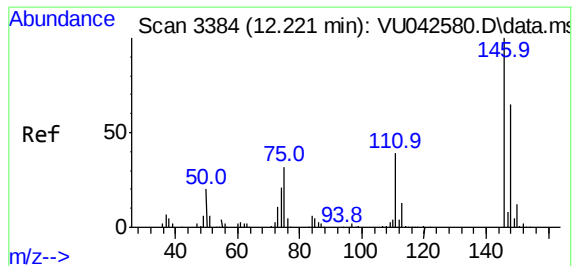
Tgt Ion:146 Resp: 70224
Ion Ratio Lower Upper
146 100
111 37.8 27.2 50.4
148 64.7 44.6 82.8



#63
1,4-Dichlorobenzene
Concen: 4.82 ug/L
RT: 11.845 min Scan# 3267
Delta R.T. 0.000 min
Lab File: VU042598.D
Acq: 12 Mar 2021 05:57

Tgt Ion:146 Resp: 70351
Ion Ratio Lower Upper
146 100
111 36.0 25.8 47.8
148 62.1 44.1 81.9

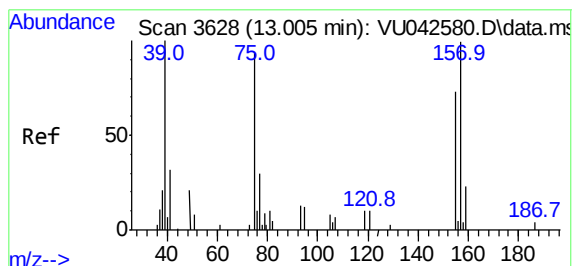
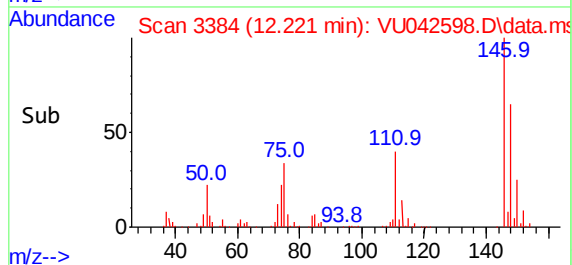
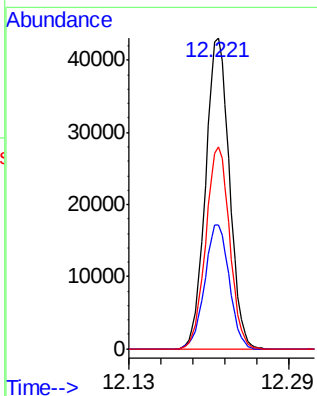
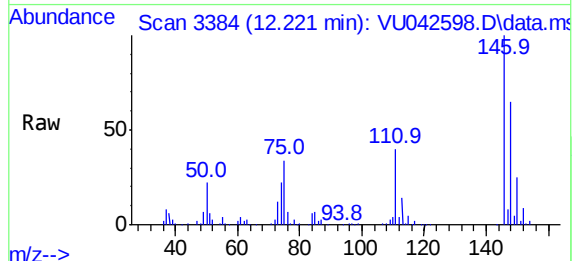




#65
1,2-Dichlorobenzene
Concen: 4.90 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. 0.000 min
Lab File: VU042598.D
Acq: 12 Mar 2021 05:57

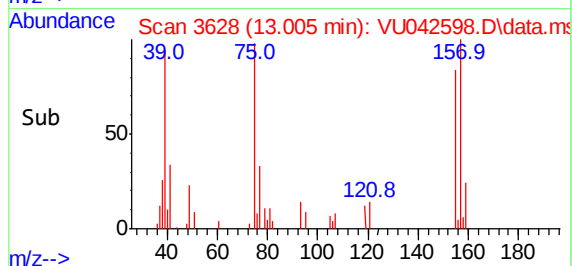
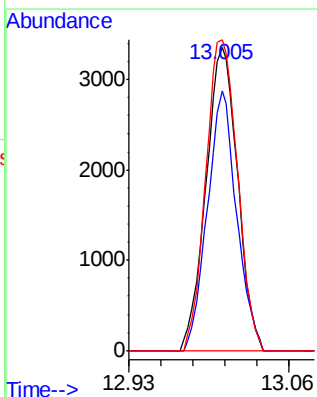
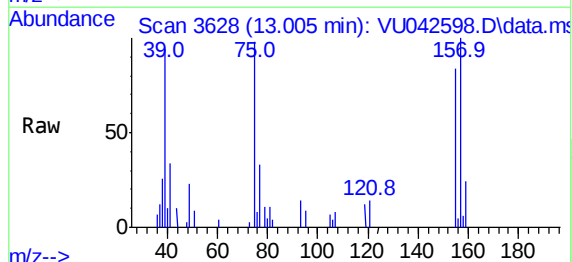
Instrument :
MSVOA_U
ClientSampleId :
VSTD00524

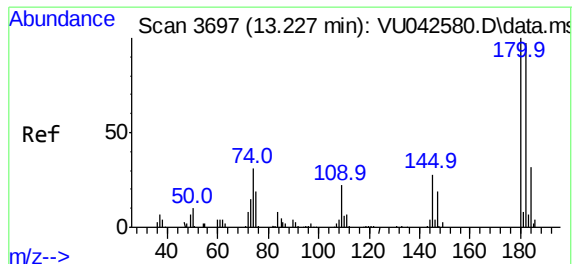
Tgt Ion:146 Resp: 69063
Ion Ratio Lower Upper
146 100
111 39.8 32.7 49.1
148 64.8 51.7 77.5



#66
1,2-Dibromo-3-chloropropane
Concen: 4.73 ug/L
RT: 13.005 min Scan# 3628
Delta R.T. 0.000 min
Lab File: VU042598.D
Acq: 12 Mar 2021 05:57

Tgt Ion: 75 Resp: 5612
Ion Ratio Lower Upper
75 100
155 85.6 69.0 103.6
157 102.3 91.0 136.6

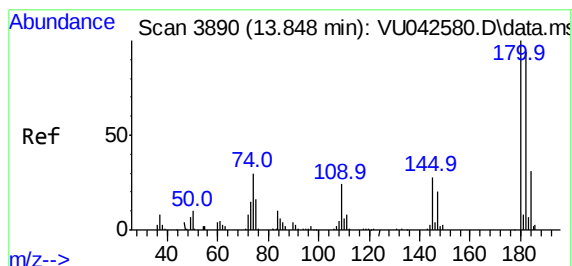
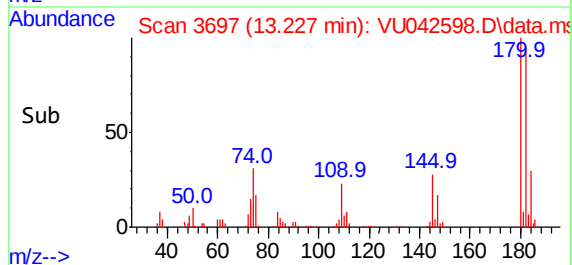
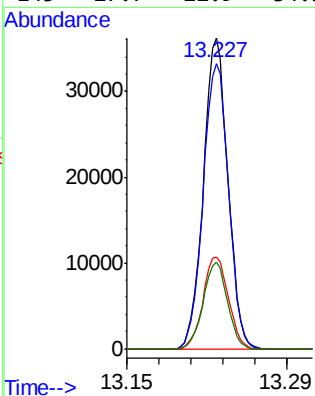
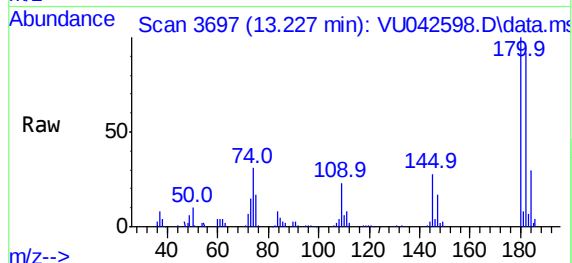




#67
 1,3,5-Trichlorobenzene
 Concen: 4.34 ug/L
 RT: 13.227 min Scan# 3697
 Delta R.T. 0.000 min
 Lab File: VU042598.D
 Acq: 12 Mar 2021 05:57

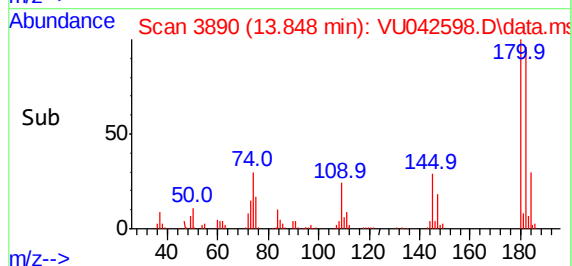
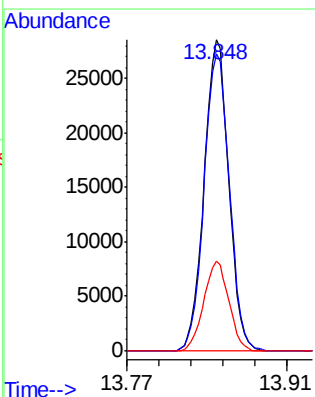
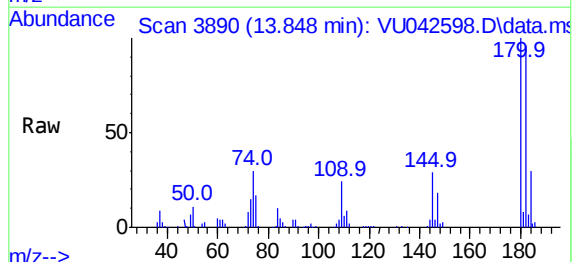
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00524

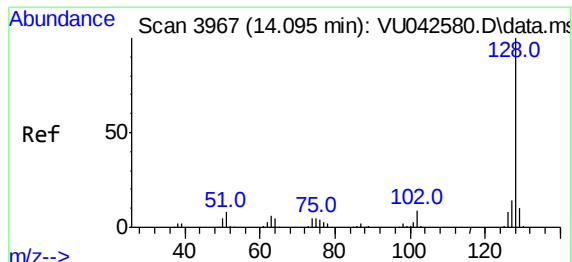
Tgt Ion:180 Resp: 55145
 Ion Ratio Lower Upper
 180 100
 182 95.4 76.4 114.6
 184 30.5 23.9 35.9
 145 27.7 22.9 34.3



#68
 1,2,4-trichlorobenzene
 Concen: 4.17 ug/L
 RT: 13.848 min Scan# 3890
 Delta R.T. 0.000 min
 Lab File: VU042598.D
 Acq: 12 Mar 2021 05:57

Tgt Ion:180 Resp: 43820
 Ion Ratio Lower Upper
 180 100
 182 98.1 76.3 114.5
 145 29.0 23.7 35.5

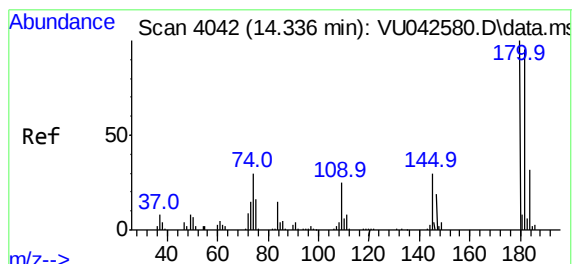
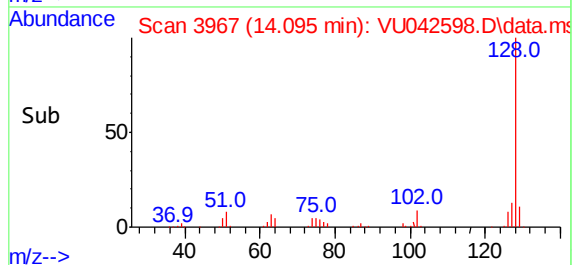
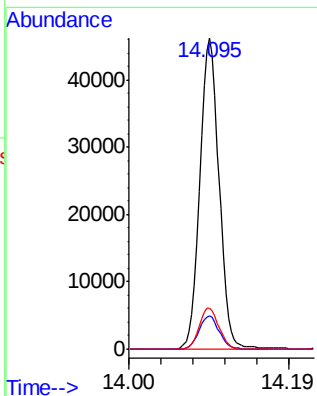
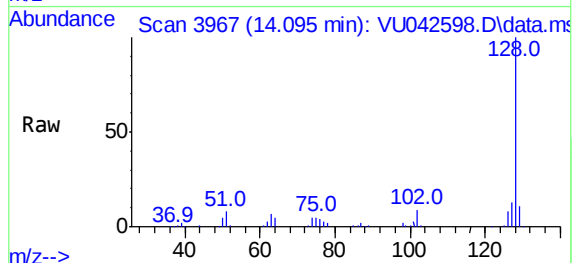




#69
Naphthalene
Concen: 4.36 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU042598.D
Acq: 12 Mar 2021 05:57

Instrument :
MSVOA_U
ClientSampleId :
VSTD00524

Tgt Ion:128 Resp: 74507
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.4 10.6 15.8



#70
1,2,3-Trichlorobenzene
Concen: 4.52 ug/L
RT: 14.337 min Scan# 4042
Delta R.T. 0.000 min
Lab File: VU042598.D
Acq: 12 Mar 2021 05:57

Tgt Ion:180 Resp: 43105
Ion Ratio Lower Upper
180 100
182 97.1 75.6 113.4
145 31.4 24.7 37.1

