

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033021\
 Data File : VU042829.D
 Acq On : 30 Mar 2021 09:58
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00521

Quant Time: Mar 31 02:02:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 30 01:12:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	78901	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	79917	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	42681	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	20183	3.84	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	76.80%		
7) Chloroethane-d5	1.919	69	18311	4.60	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	92.00%		
11) 1,1-Dichloroethene-d2	2.578	63	55109	4.64	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	92.80%		
20) 2-Butanone-d5	4.649	46	76682	44.40	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	88.80%		
24) Chloroform-d	5.076	84	52660	5.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	101.20%		
26) 1,2-Dichloroethane-d4	5.713	65	31974	5.00	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	100.00%		
32) Benzene-d6	5.735	84	89394	4.56	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	91.20%		
36) 1,2-Dichloropropane-d6	6.700	67	29884	4.73	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	94.60%		
41) Toluene-d8	7.906	98	87352	4.57	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	91.40%		
43) trans-1,3-Dichloroprop...	8.189	79	13581	4.60	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	92.00%		
46) 2-Hexanone-d5	8.645	63	72012	50.93	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	101.86%		
57) 1,1,2,2-Tetrachloroeth...	10.764	84	29257	5.20	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	104.00%		
64) 1,2-Dichlorobenzene-d4	12.201	152	36885	4.77	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	95.40%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.388	85	35778	4.87	ug/L	100
3) Chloromethane	1.523	50	34738	5.00	ug/L	99
5) Vinyl chloride	1.607	62	34495	4.94	ug/L	100
6) Bromomethane	1.864	94	21181	5.50	ug/L	97
8) Chloroethane	1.941	64	21502	5.16	ug/L	100
9) Trichlorofluoromethane	2.144	101	59742	5.24	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	32088	5.36	ug/L	98
12) 1,1-Dichloroethene	2.588	96	28550	5.14	ug/L	91
13) Acetone	2.665	43	38603	29.01	ug/L	65
14) Carbon disulfide	2.803	76	91372	5.16	ug/L	98
15) Methyl Acetate	2.964	43	13818	4.18	ug/L	95
16) Methylene chloride	3.054	84	30297	4.55	ug/L	98
17) Methyl tert-butyl Ether	3.372	73	72112	4.61	ug/L	98
18) trans-1,2-Dichloroethene	3.363	96	28915	4.95	ug/L	99
19) 1,1-Dichloroethane	3.880	63	57044	5.06	ug/L	98
21) 2-Butanone	4.729	43	85304	37.71	ug/L	97
22) cis-1,2-Dichloroethene	4.678	96	31444	5.03	ug/L	97
23) Bromochloromethane	4.986	128	15157	5.10	ug/L	94
25) Chloroform	5.099	83	59560	5.03	ug/L	98
27) 1,2-Dichloroethane	5.806	62	44282	4.98	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033021\
 Data File : VU042829.D
 Acq On : 30 Mar 2021 09:58
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

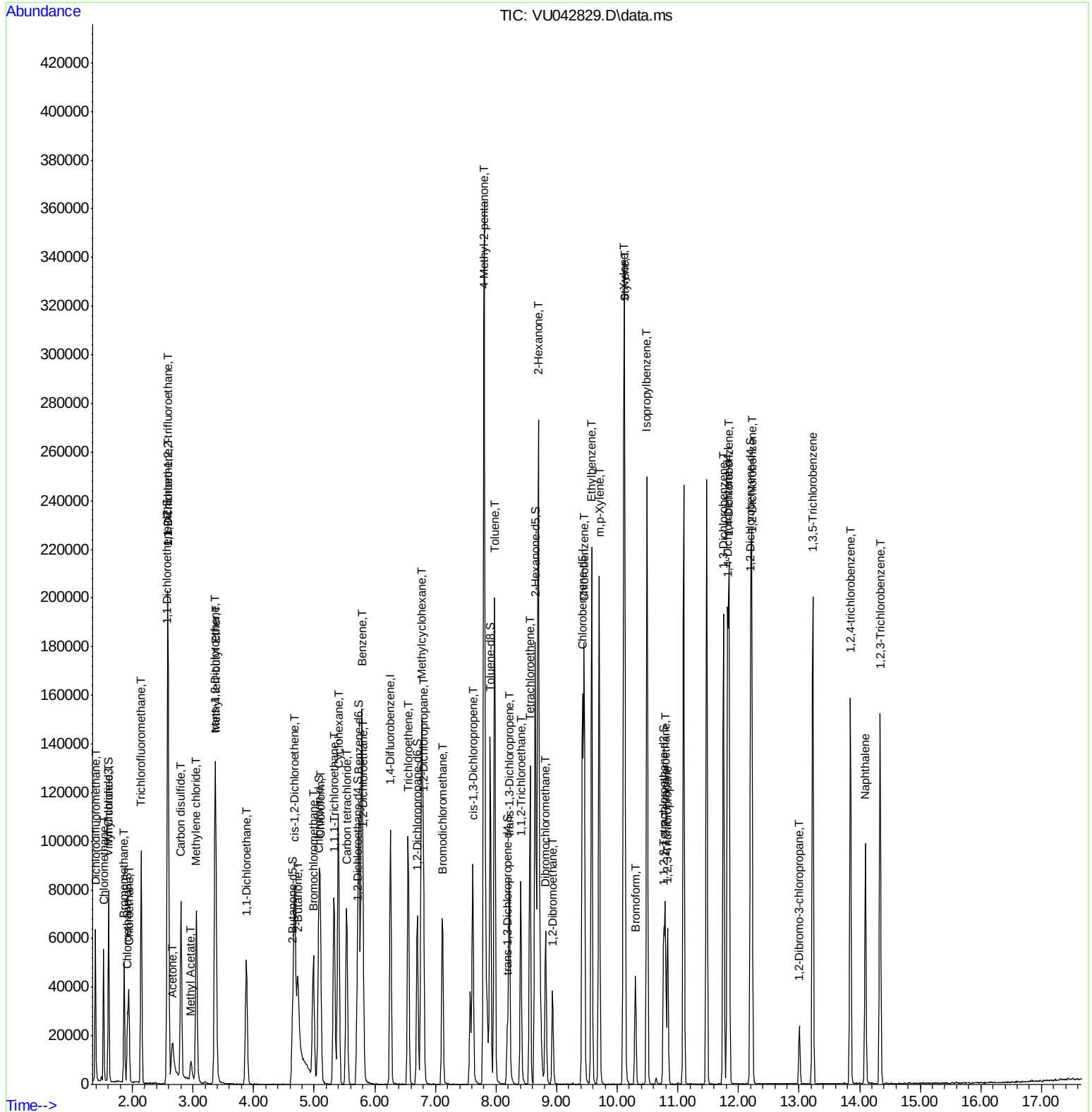
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00521

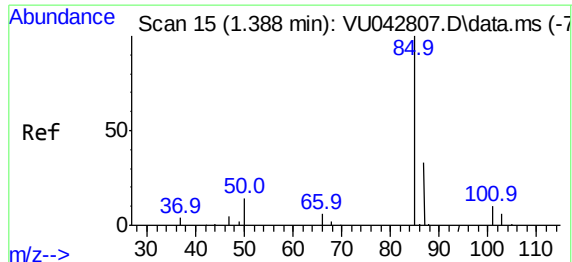
Quant Time: Mar 31 02:02:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 30 01:12:10 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	5.327	97	53735	4.84	ug/L	96
30) Cyclohexane	5.398	56	51099	4.61	ug/L	99
31) Carbon tetrachloride	5.536	117	47771	4.87	ug/L	99
33) Benzene	5.784	78	120842	4.83	ug/L	100
34) Trichloroethene	6.552	95	32944	4.75	ug/L	99
35) Methylcyclohexane	6.771	83	49016	4.65	ug/L	97
37) 1,2-Dichloropropane	6.803	63	33433	4.95	ug/L	98
38) Bromodichloromethane	7.115	83	42426	4.82	ug/L	98
39) cis-1,3-Dichloropropene	7.616	75	46592	4.74	ug/L	98
40) 4-Methyl-2-pentanone	7.803	43	298970	50.79	ug/L	95
42) Toluene	7.977	91	135826	4.98	ug/L	97
44) trans-1,3-Dichloropropene	8.221	75	44734	4.93	ug/L	97
45) 1,1,2-Trichloroethane	8.411	97	24753	4.97	ug/L	97
47) Tetrachloroethene	8.562	164	28052	4.96	ug/L	99
48) 2-Hexanone	8.697	43	221687	51.05	ug/L	95
49) Dibromochloromethane	8.819	129	31706	5.09	ug/L	100
50) 1,2-Dibromoethane	8.935	107	24606	5.01	ug/L	95
51) Chlorobenzene	9.456	112	84727	4.86	ug/L	98
52) Ethylbenzene	9.578	91	148372	4.83	ug/L	99
53) m,p-Xylene	9.703	106	55714	4.90	ug/L	99
54) o-Xylene	10.108	106	54566	4.96	ug/L	98
55) Styrene	10.121	104	92997	4.97	ug/L	100
56) Isopropylbenzene	10.491	105	146749	4.85	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.790	83	32808	4.92	ug/L	100
59) 1,2,3-Trichloropropane	10.832	75	24191	4.77	ug/L	99
61) Bromoform	10.301	173	19525	5.07	ug/L	96
62) 1,3-Dichlorobenzene	11.755	146	74668	5.07	ug/L	98
63) 1,4-Dichlorobenzene	11.845	146	73795	5.03	ug/L	100
65) 1,2-Dichlorobenzene	12.221	146	71511	5.05	ug/L	98
66) 1,2-Dibromo-3-chloropr...	13.005	75	5535	4.65	ug/L	90
67) 1,3,5-Trichlorobenzene	13.227	180	59215	4.64	ug/L	99
68) 1,2,4-trichlorobenzene	13.848	180	47851	4.53	ug/L	99
69) Naphthalene	14.095	128	75764	4.41	ug/L	99
70) 1,2,3-Trichlorobenzene	14.336	180	45134	4.71	ug/L	96

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

Quant Time: Mar 31 02:02:28 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Mar 30 01:12:10 2021
Response via : Initial Calibration



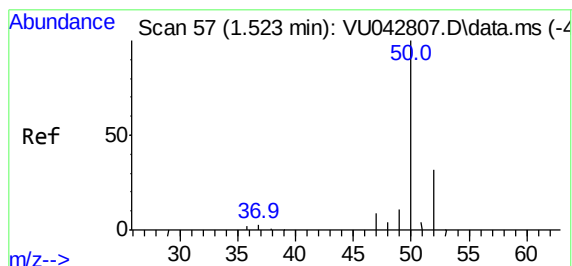
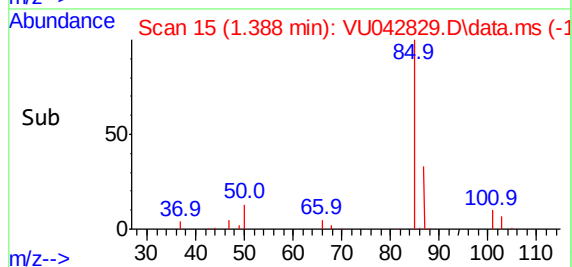
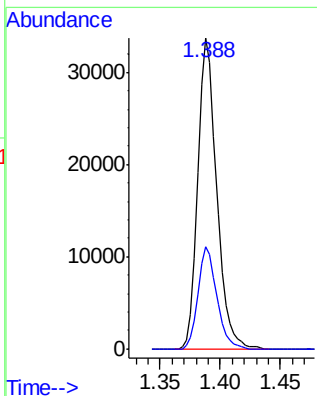
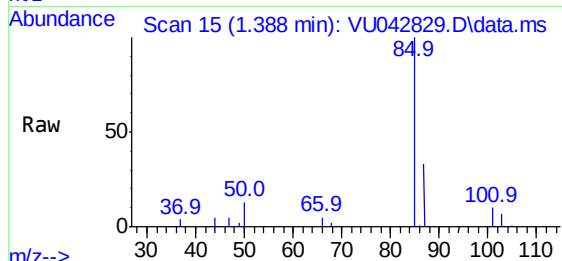


#2

Dichlorodifluoromethane
Concen: 4.87 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU042829.D
Acq: 30 Mar 2021 09:58

Instrument :
MSVOA_U
ClientSampleId :
VSTD00521

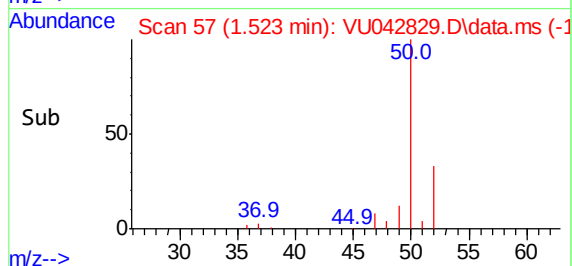
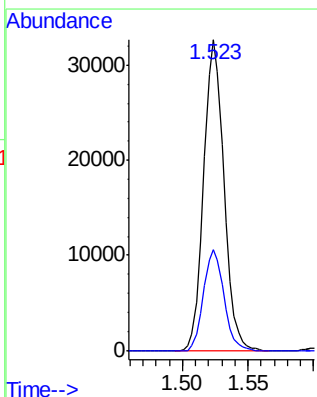
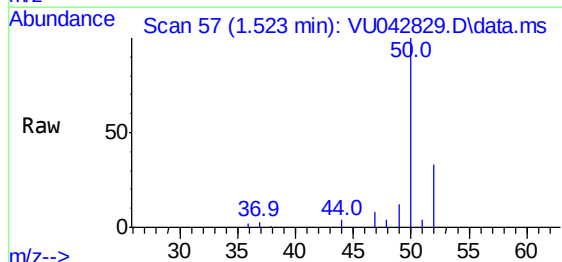
Tgt Ion: 85 Resp: 35778
Ion Ratio Lower Upper
85 100
87 32.3 26.1 39.1

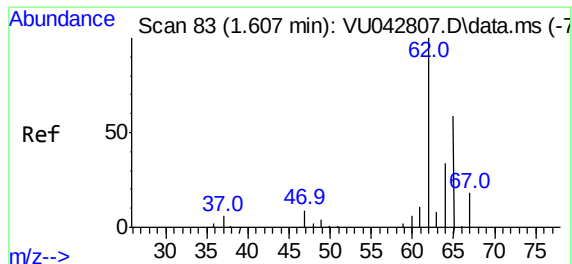


#3

Chloromethane
Concen: 5.00 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042829.D
Acq: 30 Mar 2021 09:58

Tgt Ion: 50 Resp: 34738
Ion Ratio Lower Upper
50 100
52 32.5 23.0 42.8

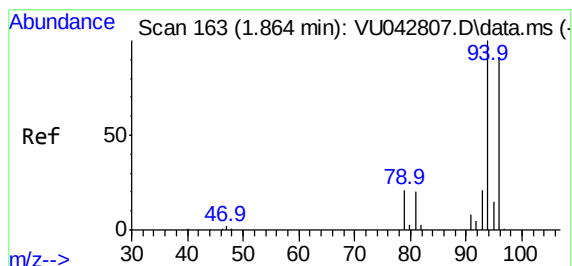
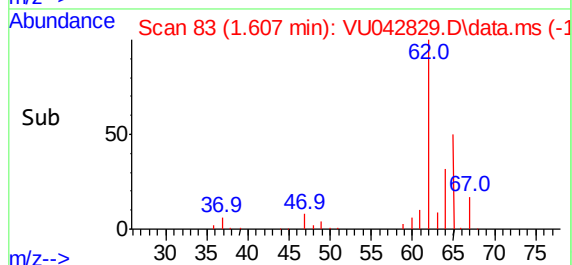
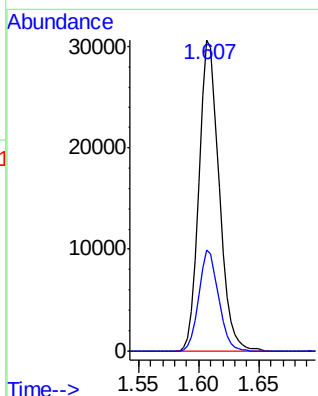
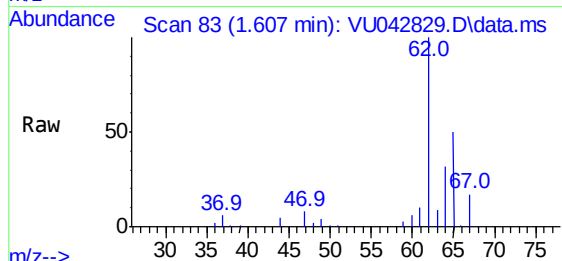




#5
 Vinyl chloride
 Concen: 4.94 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU042829.D
 Acq: 30 Mar 2021 09:58

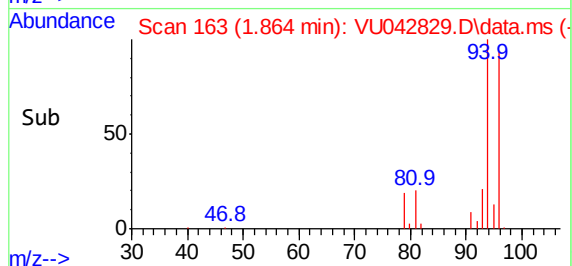
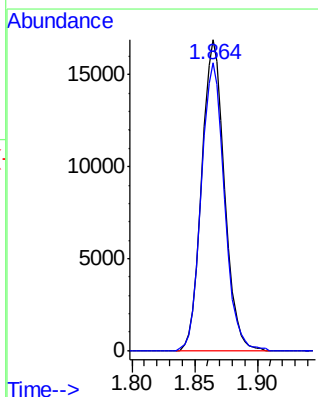
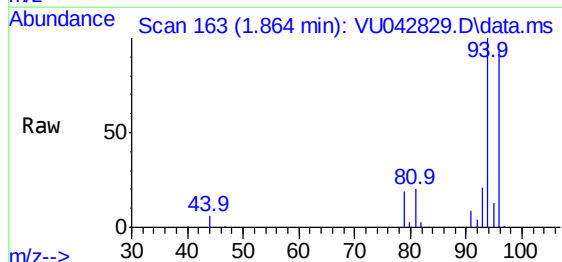
Instrument :
 MSVOA_U
 ClientSampled :
 VSTD00521

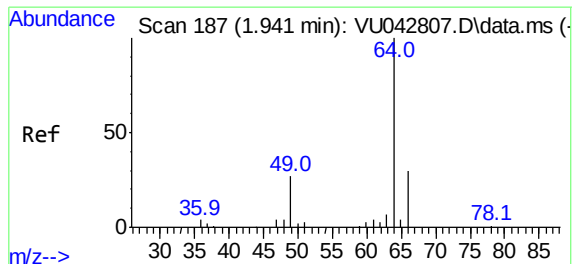
Tgt Ion: 62 Resp: 34495
 Ion Ratio Lower Upper
 62 100
 64 32.4 22.7 42.1



#6
 Bromomethane
 Concen: 5.50 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.000 min
 Lab File: VU042829.D
 Acq: 30 Mar 2021 09:58

Tgt Ion: 94 Resp: 21181
 Ion Ratio Lower Upper
 94 100
 96 92.5 66.5 123.5

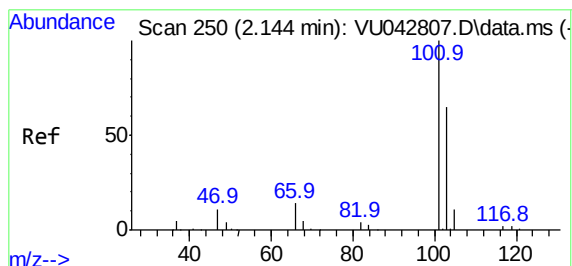
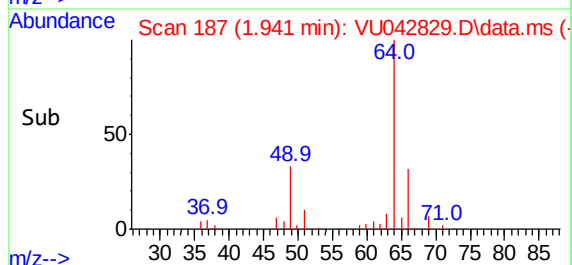
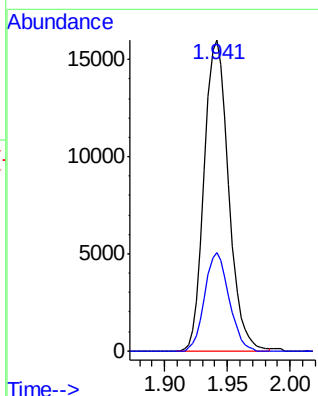
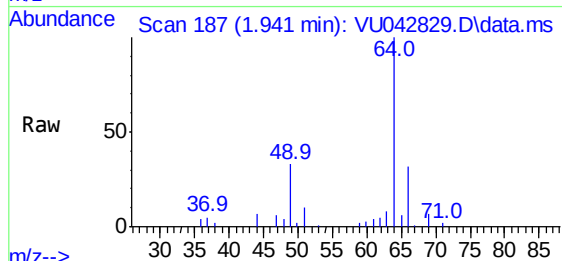




#8
Chloroethane
Concen: 5.16 ug/L
RT: 1.941 min Scan# 187
Delta R.T. 0.000 min
Lab File: VU042829.D
Acq: 30 Mar 2021 09:58

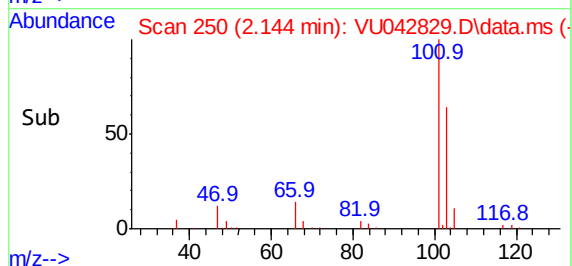
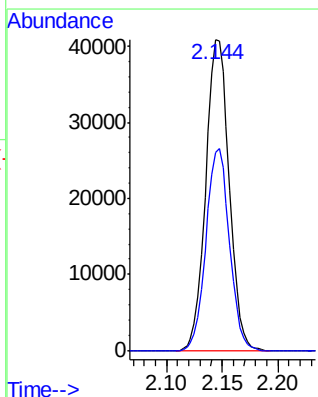
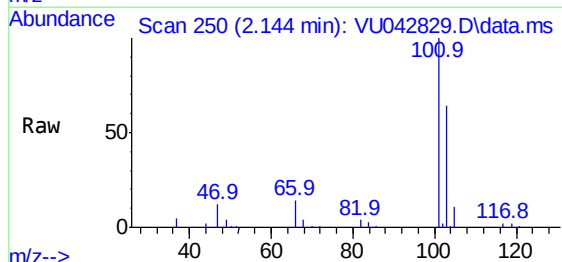
Instrument :
MSVOA_U
ClientSampleId :
VSTD00521

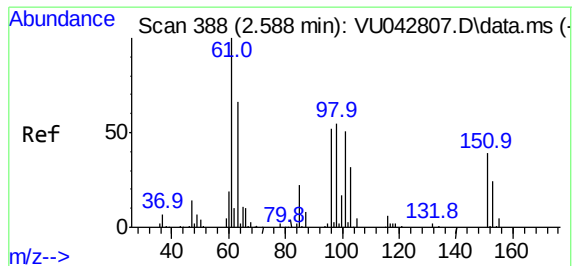
Tgt Ion: 64 Resp: 21502
Ion Ratio Lower Upper
64 100
66 31.5 22.2 41.2



#9
Trichlorofluoromethane
Concen: 5.24 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU042829.D
Acq: 30 Mar 2021 09:58

Tgt Ion:101 Resp: 59742
Ion Ratio Lower Upper
101 100
103 65.0 51.8 77.8

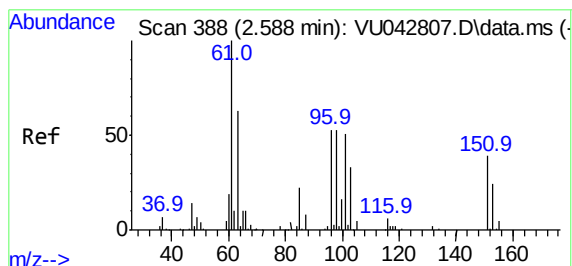
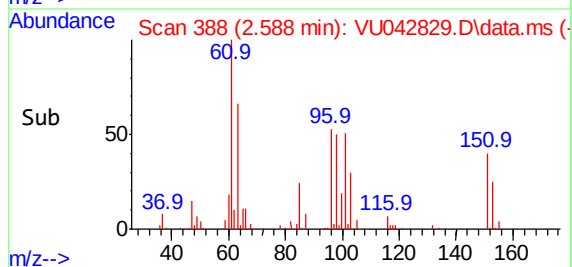
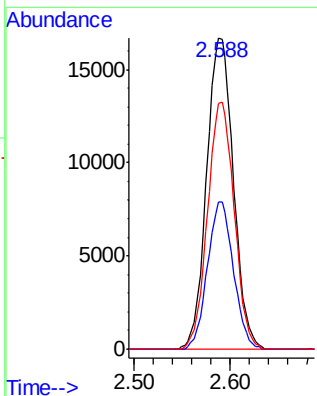
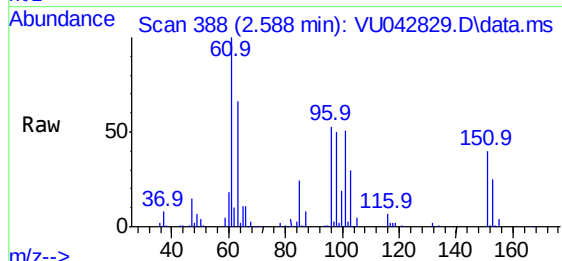




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.36 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU042829.D
 Acq: 30 Mar 2021 09:58

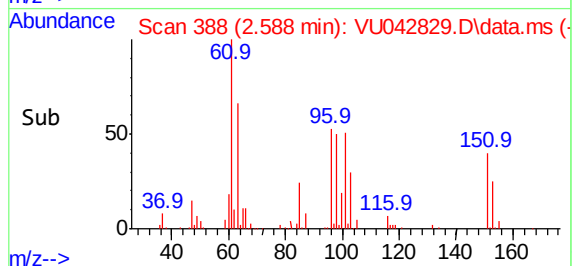
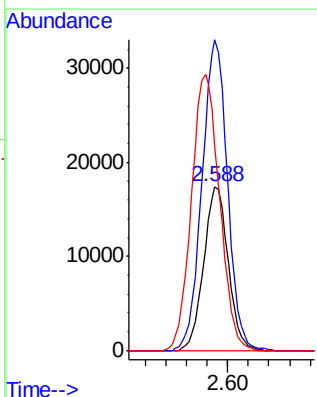
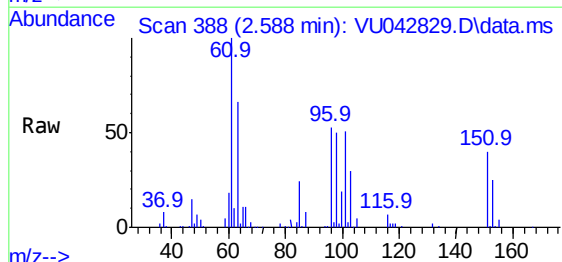
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00521

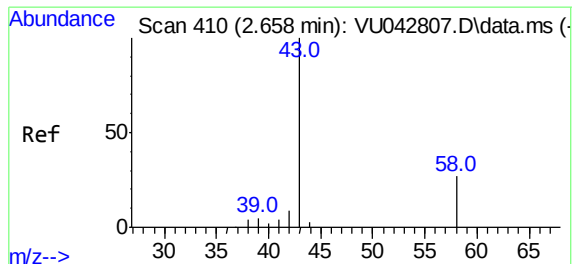
Tgt Ion:101 Resp: 32088
 Ion Ratio Lower Upper
 101 100
 85 45.7 34.6 51.8
 151 78.9 62.7 94.1



#12
 1,1-Dichloroethene
 Concen: 5.14 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU042829.D
 Acq: 30 Mar 2021 09:58

Tgt Ion: 96 Resp: 28550
 Ion Ratio Lower Upper
 96 100
 61 189.4 126.2 234.4
 63 124.7 77.8 144.4

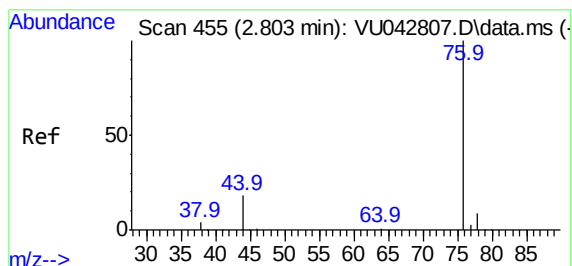
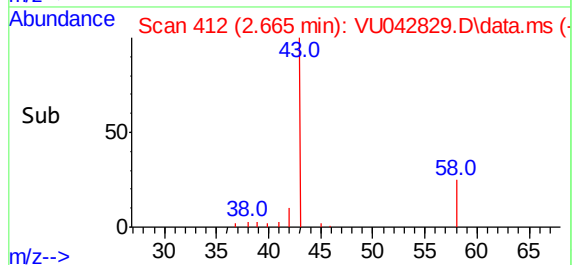
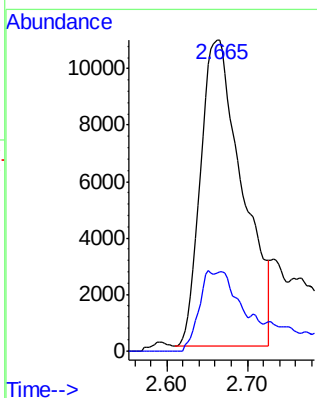
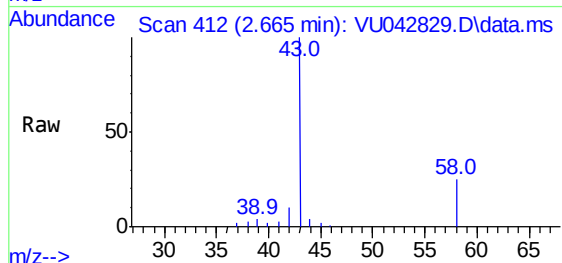




#13
Acetone
Concen: 29.01 ug/L
RT: 2.665 min Scan# 412
Delta R.T. 0.007 min
Lab File: VU042829.D
Acq: 30 Mar 2021 09:58

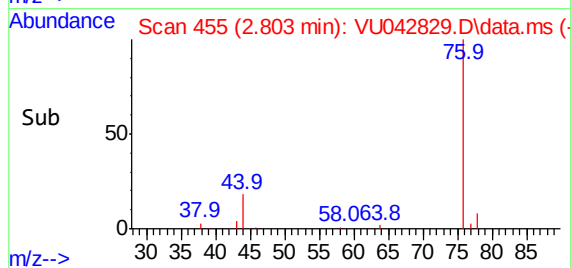
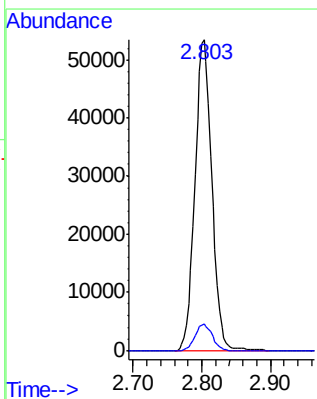
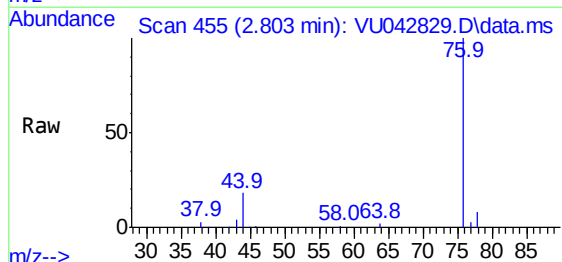
Instrument :
MSVOA_U
ClientSampleId :
VSTD00521

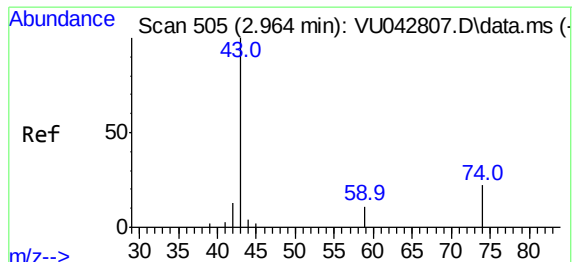
Tgt Ion: 43 Resp: 38603
Ion Ratio Lower Upper
43 100
58 9.5 0.0 55.8



#14
Carbon disulfide
Concen: 5.16 ug/L
RT: 2.803 min Scan# 455
Delta R.T. 0.000 min
Lab File: VU042829.D
Acq: 30 Mar 2021 09:58

Tgt Ion: 76 Resp: 91372
Ion Ratio Lower Upper
76 100
78 8.4 7.3 10.9

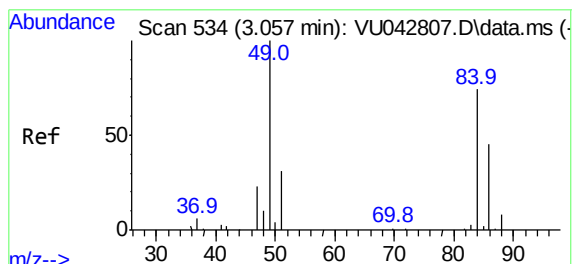
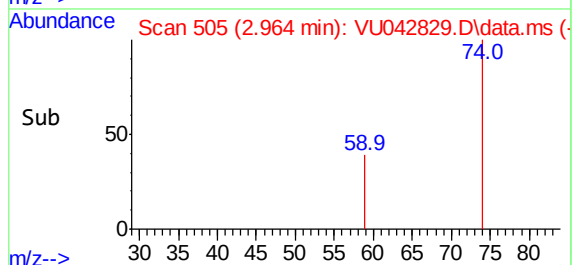
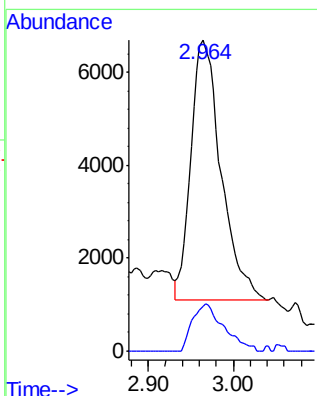
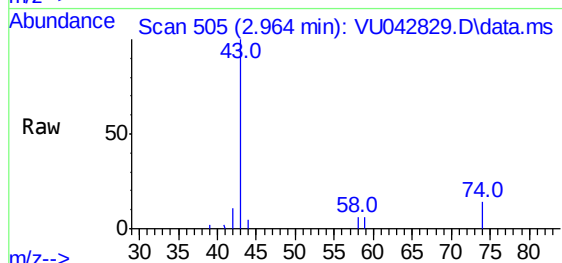




#15
Methyl Acetate
Concen: 4.18 ug/L
RT: 2.964 min Scan# 505
Delta R.T. 0.000 min
Lab File: VU042829.D
Acq: 30 Mar 2021 09:58

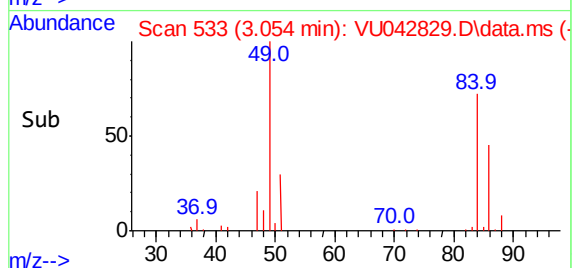
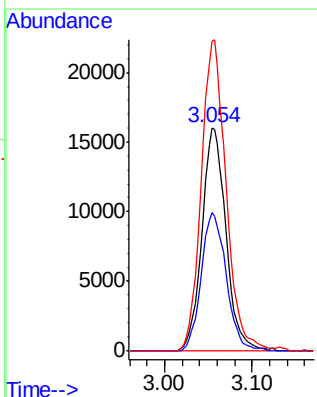
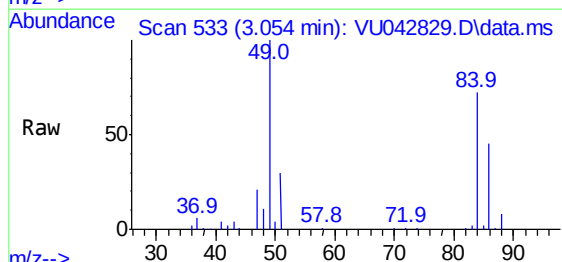
Instrument :
MSVOA_U
ClientSampleId :
VSTD00521

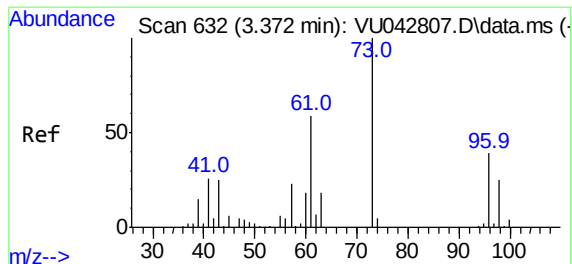
Tgt Ion: 43 Resp: 13818
Ion Ratio Lower Upper
43 100
74 18.7 16.9 25.3



#16
Methylene chloride
Concen: 4.55 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.003 min
Lab File: VU042829.D
Acq: 30 Mar 2021 09:58

Tgt Ion: 84 Resp: 30297
Ion Ratio Lower Upper
84 100
86 62.1 44.1 81.9
49 139.1 95.0 176.4



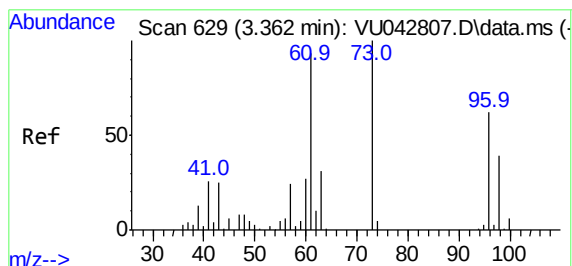
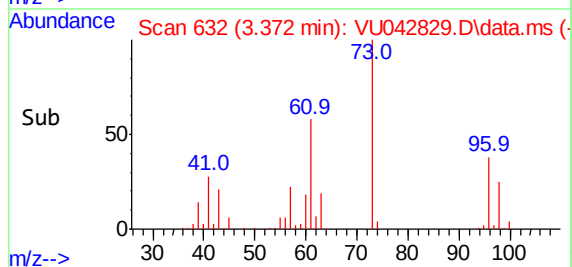
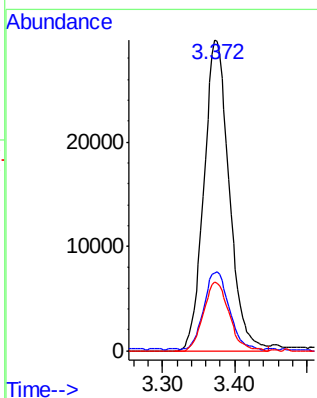
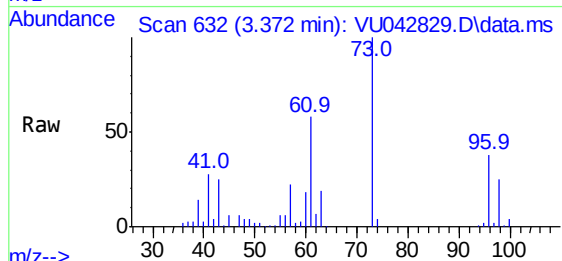


#17
Methyl tert-butyl Ether
Concen: 4.61 ug/L
RT: 3.372 min Scan# 632
Delta R.T. 0.000 min
Lab File: VU042829.D
Acq: 30 Mar 2021 09:58

Instrument :
MSVOA_U
ClientSampleId :
VSTD00521

Tgt Ion: 73 Resp: 72112

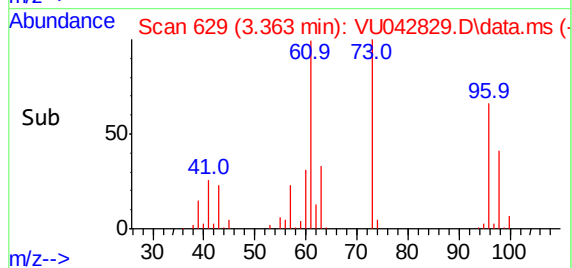
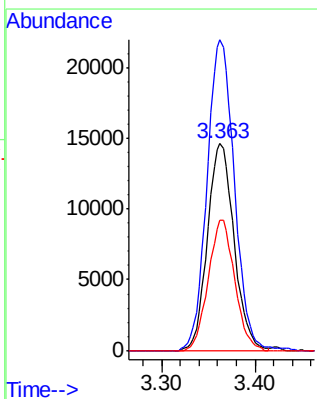
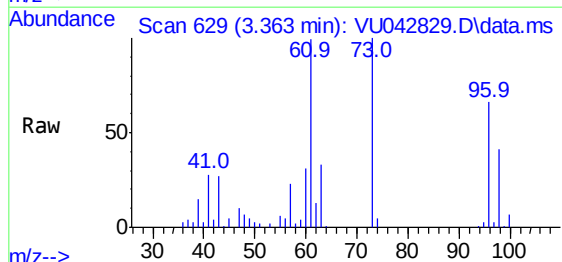
Ion	Ratio	Lower	Upper
73	100		
43	24.7	18.9	28.3
57	22.4	18.2	27.4

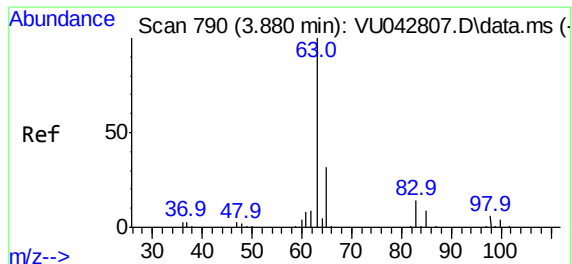


#18
trans-1,2-Dichloroethene
Concen: 4.95 ug/L
RT: 3.363 min Scan# 629
Delta R.T. 0.000 min
Lab File: VU042829.D
Acq: 30 Mar 2021 09:58

Tgt Ion: 96 Resp: 28915

Ion	Ratio	Lower	Upper
96	100		
61	150.2	105.7	196.3
98	62.7	42.8	79.6

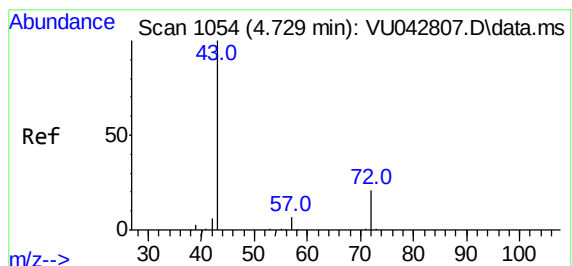
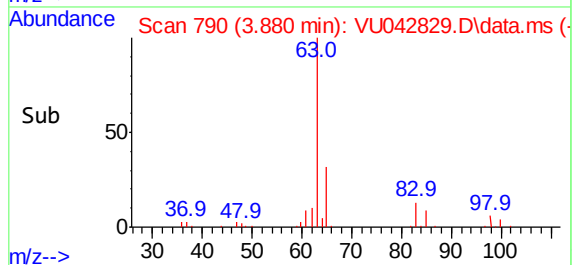
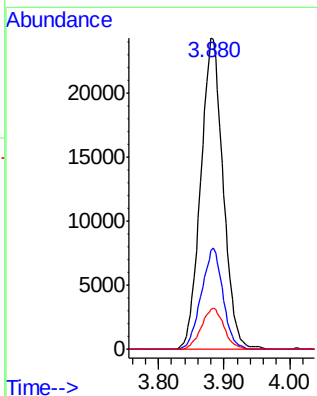
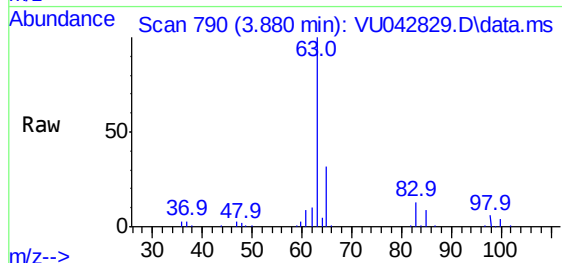




#19
1,1-Dichloroethane
Concen: 5.06 ug/L
RT: 3.880 min Scan# 790
Delta R.T. 0.000 min
Lab File: VU042829.D
Acq: 30 Mar 2021 09:58

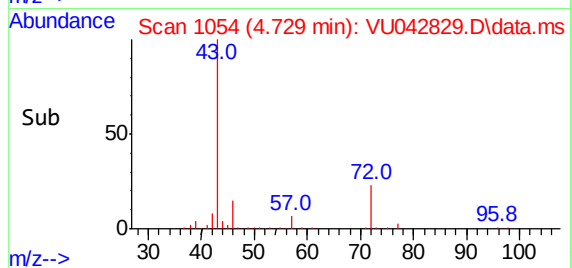
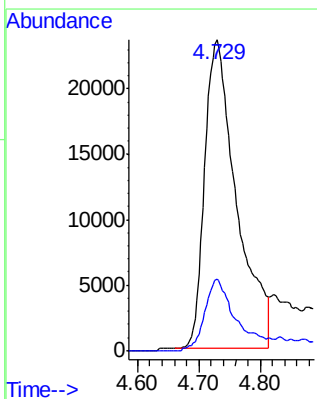
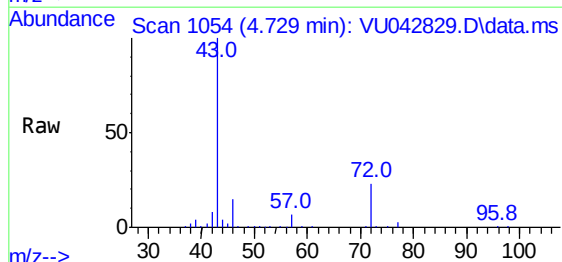
Instrument :
MSVOA_U
ClientSampleId :
VSTD00521

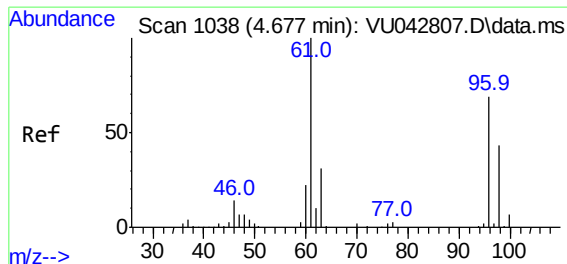
Tgt Ion: 63 Resp: 57044
Ion Ratio Lower Upper
63 100
65 31.5 22.5 41.9
83 12.7 10.1 18.7



#21
2-Butanone
Concen: 37.71 ug/L
RT: 4.729 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VU042829.D
Acq: 30 Mar 2021 09:58

Tgt Ion: 43 Resp: 85304
Ion Ratio Lower Upper
43 100
72 22.1 11.7 35.1



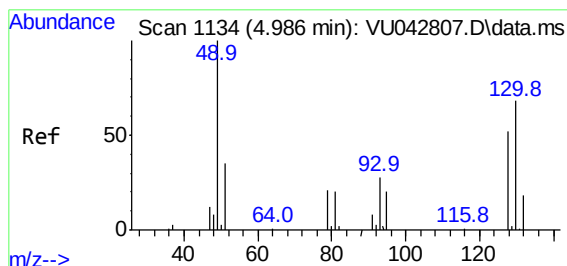
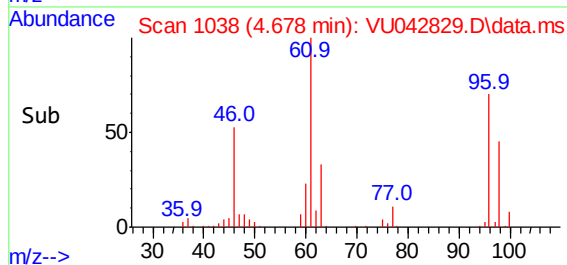
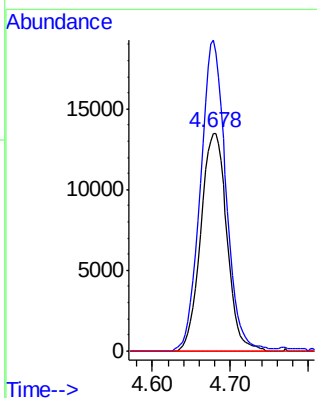
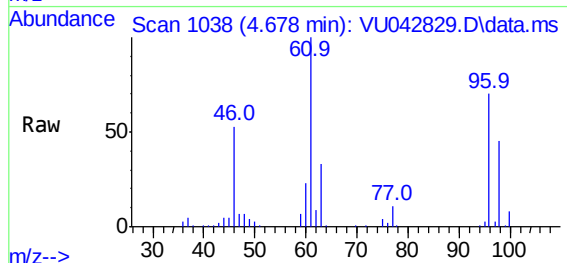


#22
cis-1,2-Dichloroethene
Concen: 5.03 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VU042829.D
Acq: 30 Mar 2021 09:58

Instrument :
MSVOA_U
ClientSampled :
VSTD00521

Tgt Ion: 96 Resp: 31444

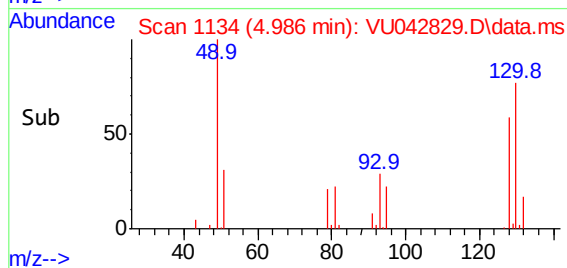
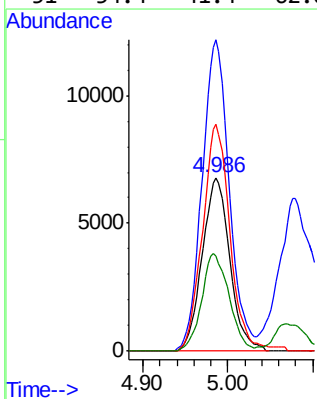
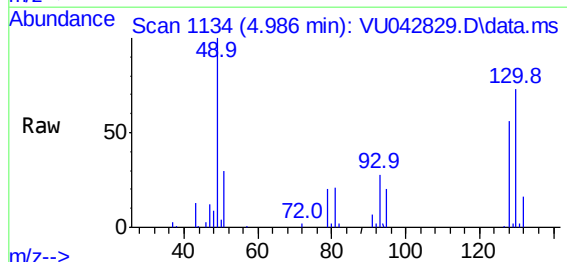
Ion	Ratio	Lower	Upper
96	100		
61	142.8	97.8	181.6
68	0.0	0.0	0.0

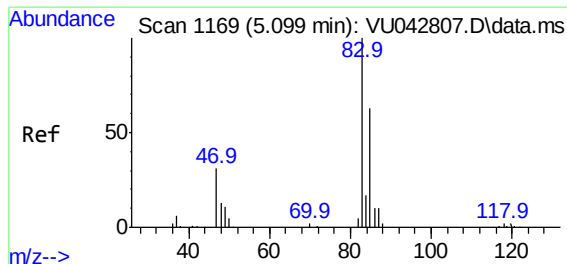


#23
Bromochloromethane
Concen: 5.10 ug/L
RT: 4.986 min Scan# 1134
Delta R.T. 0.000 min
Lab File: VU042829.D
Acq: 30 Mar 2021 09:58

Tgt Ion: 128 Resp: 15157

Ion	Ratio	Lower	Upper
128	100		
49	179.9	117.7	218.7
130	130.9	87.9	163.3
51	54.4	41.4	62.0

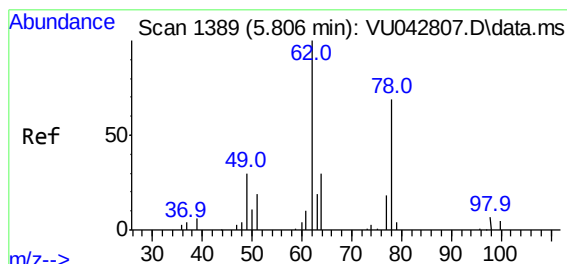
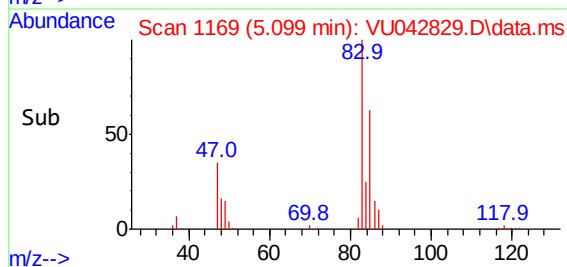
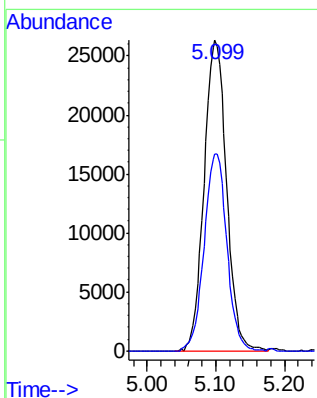
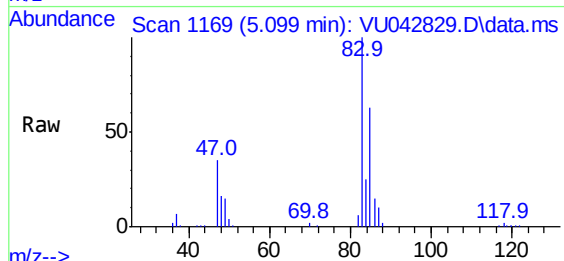




#25
Chloroform
Concen: 5.03 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU042829.D
Acq: 30 Mar 2021 09:58

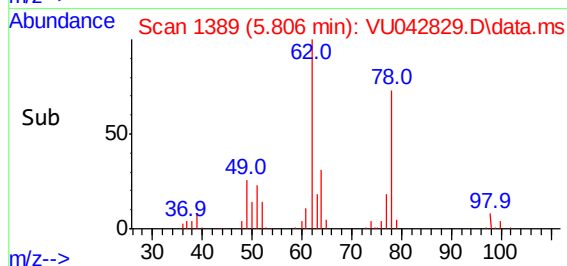
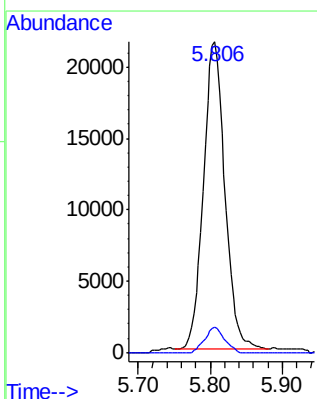
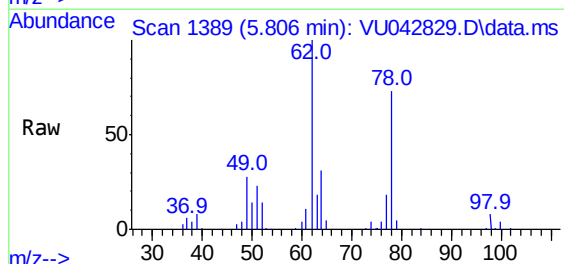
Instrument :
MSVOA_U
ClientSampleId :
VSTD00521

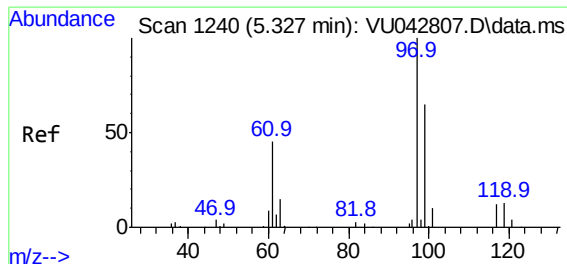
Tgt Ion: 83 Resp: 59560
Ion Ratio Lower Upper
83 100
85 63.4 45.7 84.9



#27
1,2-Dichloroethane
Concen: 4.98 ug/L
RT: 5.806 min Scan# 1389
Delta R.T. 0.000 min
Lab File: VU042829.D
Acq: 30 Mar 2021 09:58

Tgt Ion: 62 Resp: 44282
Ion Ratio Lower Upper
62 100
98 8.1 7.3 10.9

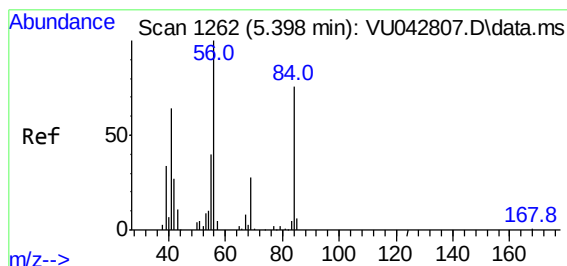
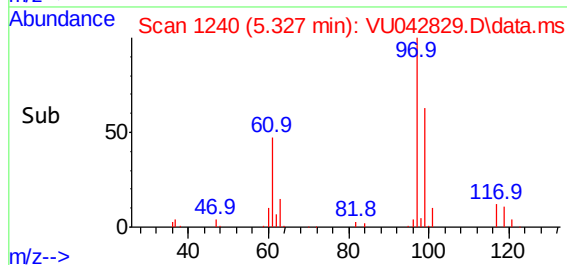
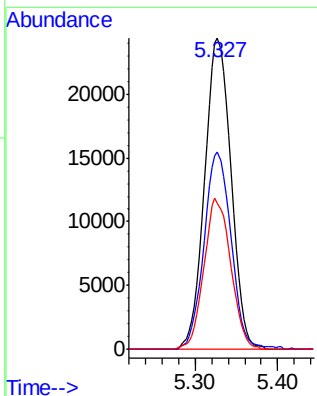
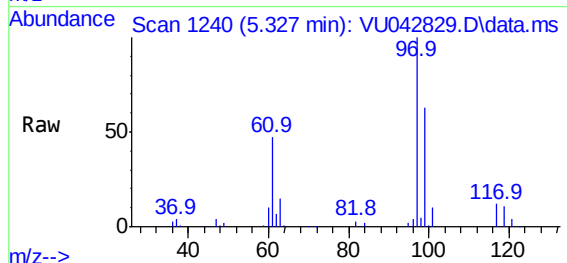




#29
1,1,1-Trichloroethane
Concen: 4.84 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VU042829.D
Acq: 30 Mar 2021 09:58

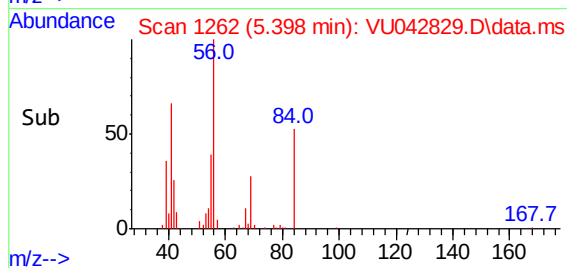
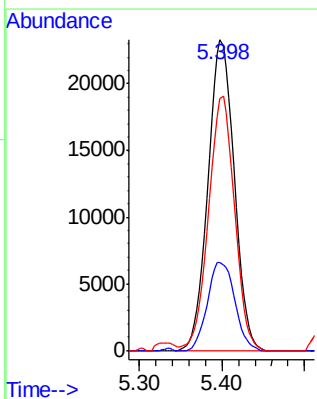
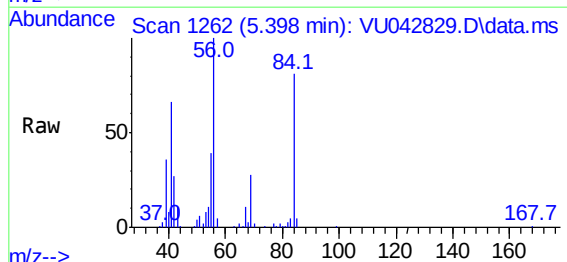
Instrument :
MSVOA_U
ClientSampleId :
VSTD00521

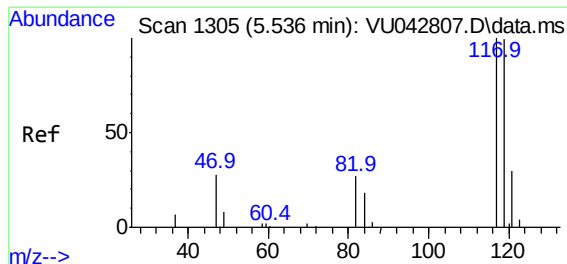
Tgt Ion: 97 Resp: 53735
Ion Ratio Lower Upper
97 100
99 65.1 50.8 76.2
61 49.2 35.8 53.6



#30
Cyclohexane
Concen: 4.61 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VU042829.D
Acq: 30 Mar 2021 09:58

Tgt Ion: 56 Resp: 51099
Ion Ratio Lower Upper
56 100
69 29.4 23.7 35.5
84 80.9 65.3 97.9

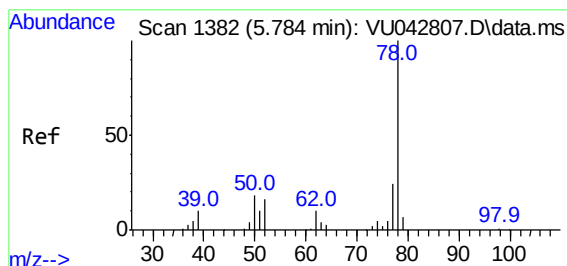
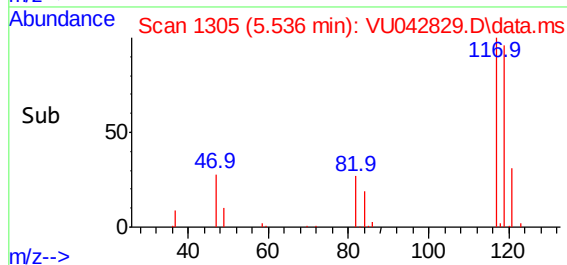
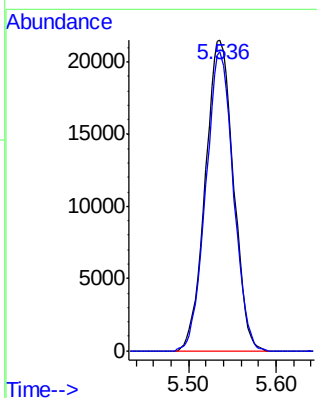
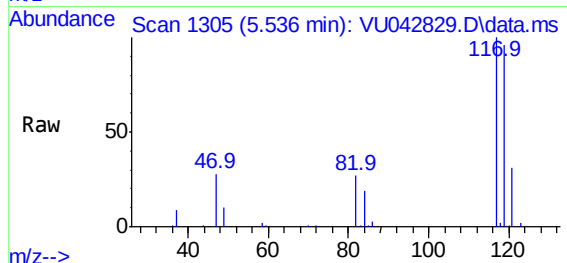




#31
Carbon tetrachloride
Concen: 4.87 ug/L
RT: 5.536 min Scan# 1305
Delta R.T. 0.000 min
Lab File: VU042829.D
Acq: 30 Mar 2021 09:58

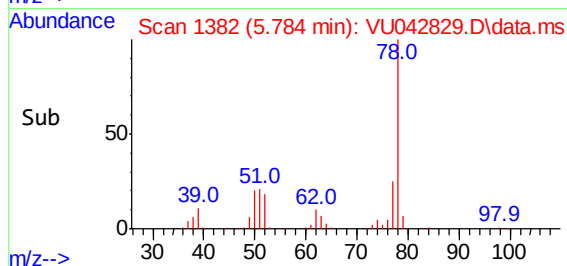
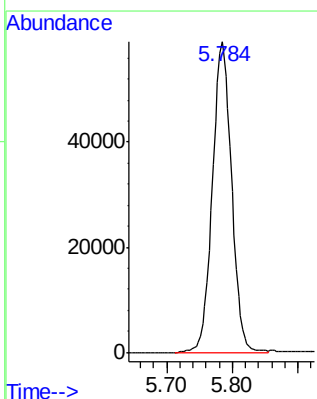
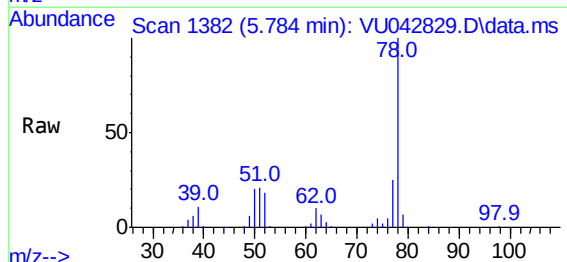
Instrument :
MSVOA_U
ClientSampleId :
VSTD00521

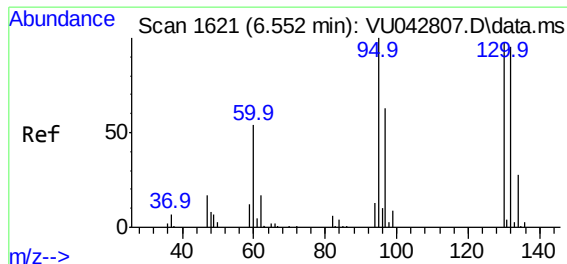
Tgt Ion:117 Resp: 47771
Ion Ratio Lower Upper
117 100
119 94.5 76.2 114.4



#33
Benzene
Concen: 4.83 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VU042829.D
Acq: 30 Mar 2021 09:58

Tgt Ion: 78 Resp: 120842



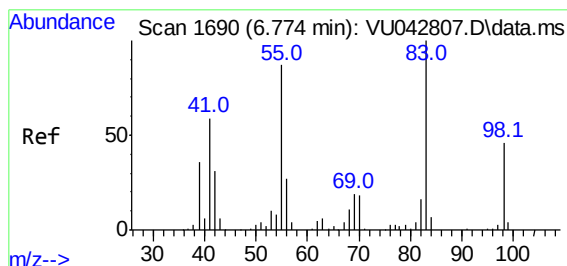
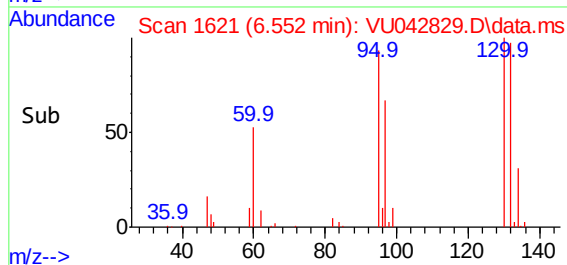
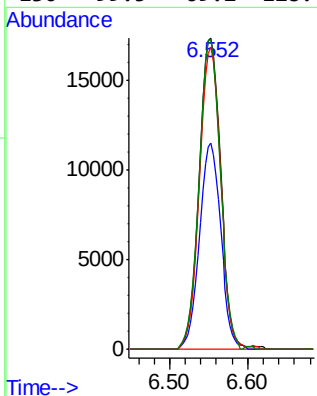
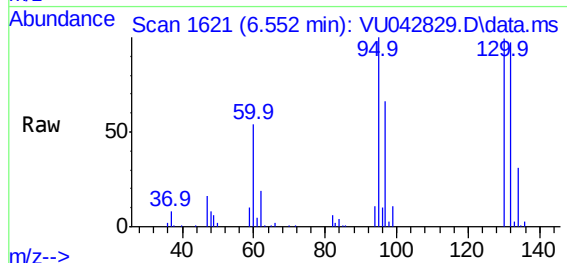


#34
Trichloroethene
Concen: 4.75 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VU042829.D
Acq: 30 Mar 2021 09:58

Instrument :
MSVOA_U
ClientSampleId :
VSTD00521

Tgt Ion: 95 Resp: 32944

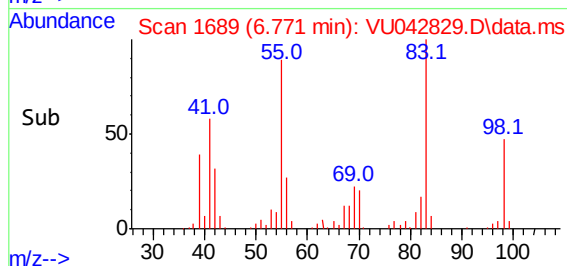
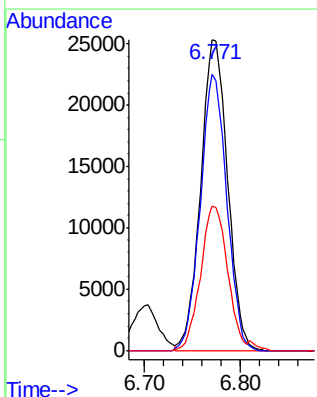
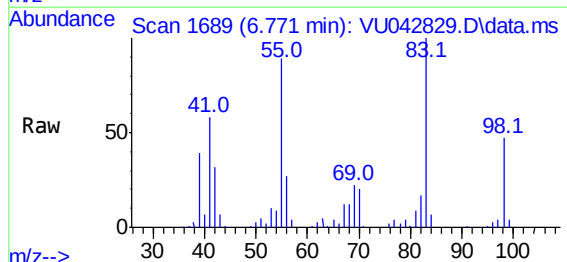
Ion	Ratio	Lower	Upper
95	100		
97	66.2	44.4	82.4
132	97.0	68.0	126.4
130	99.5	69.2	128.4

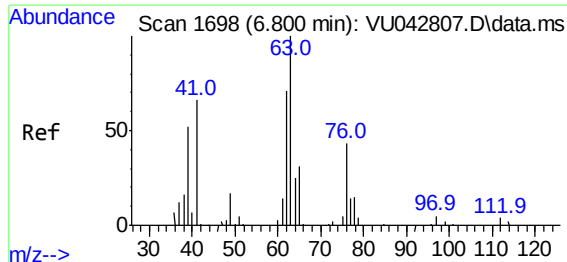


#35
Methylcyclohexane
Concen: 4.65 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. -0.003 min
Lab File: VU042829.D
Acq: 30 Mar 2021 09:58

Tgt Ion: 83 Resp: 49016

Ion	Ratio	Lower	Upper
83	100		
55	87.2	68.2	102.4
98	46.4	39.7	59.5

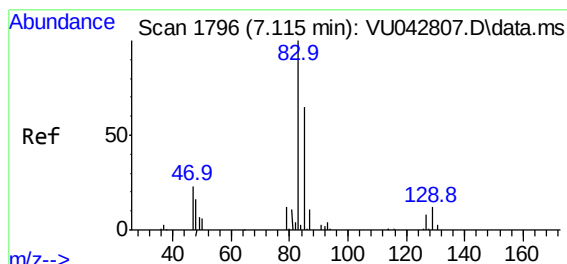
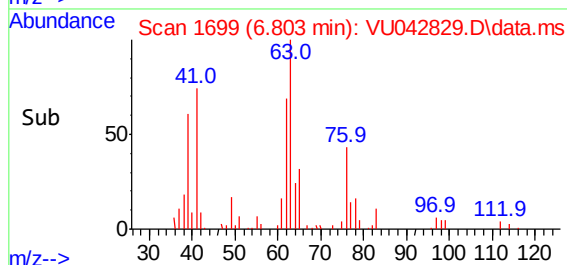
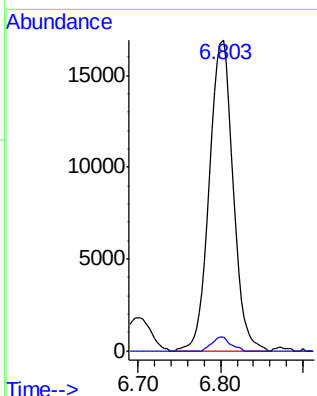
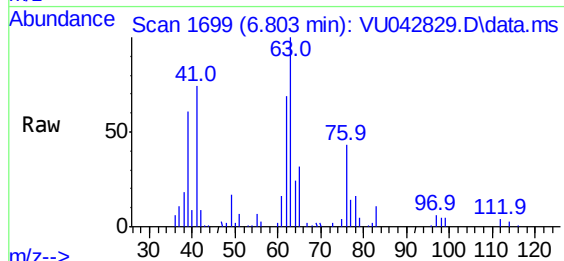




#37
1,2-Dichloropropane
Concen: 4.95 ug/L
RT: 6.803 min Scan# 1699
Delta R.T. 0.003 min
Lab File: VU042829.D
Acq: 30 Mar 2021 09:58

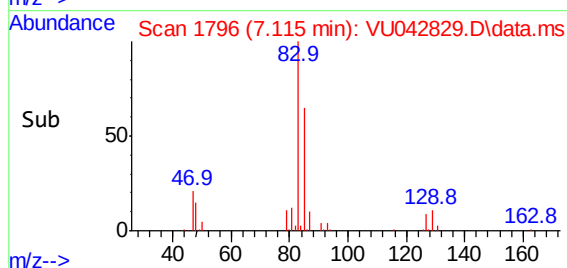
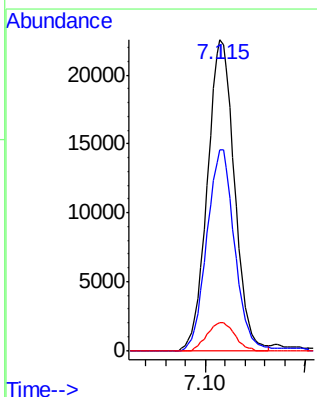
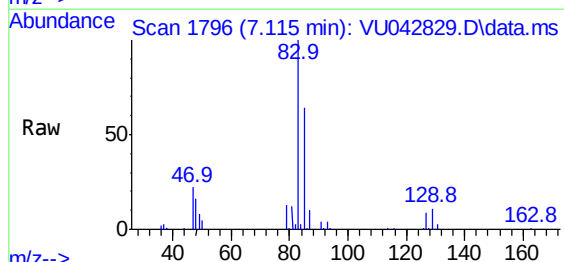
Instrument :
MSVOA_U
ClientSampleId :
VSTD00521

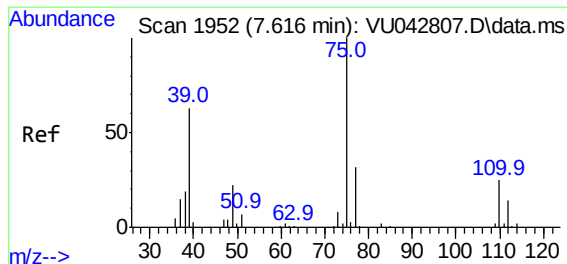
Tgt Ion: 63 Resp: 33433
Ion Ratio Lower Upper
63 100
112 3.4 3.4 5.0



#38
Bromodichloromethane
Concen: 4.82 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VU042829.D
Acq: 30 Mar 2021 09:58

Tgt Ion: 83 Resp: 42426
Ion Ratio Lower Upper
83 100
85 64.4 46.0 85.4
127 8.8 6.8 10.2

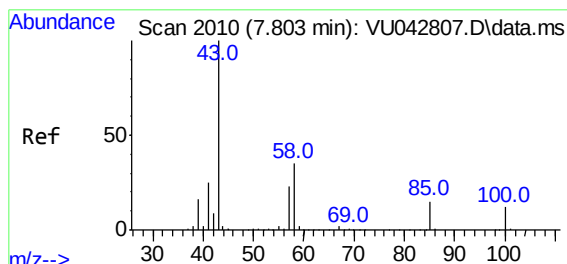
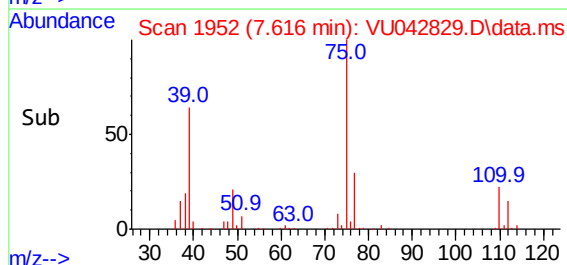
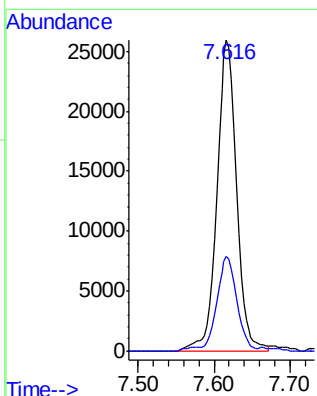
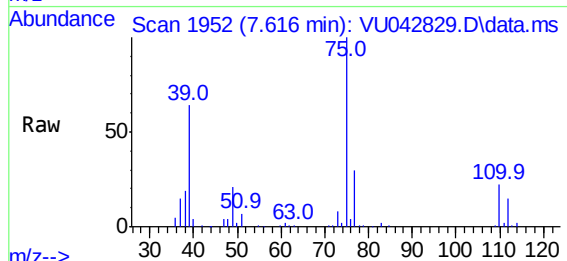




#39
 cis-1,3-Dichloropropene
 Concen: 4.74 ug/L
 RT: 7.616 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VU042829.D
 Acq: 30 Mar 2021 09:58

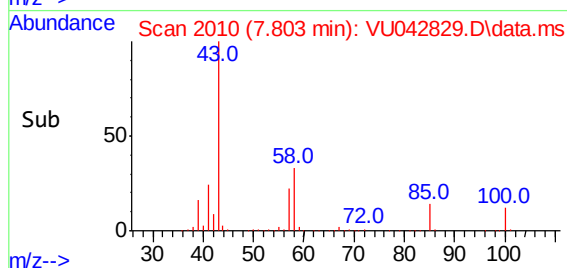
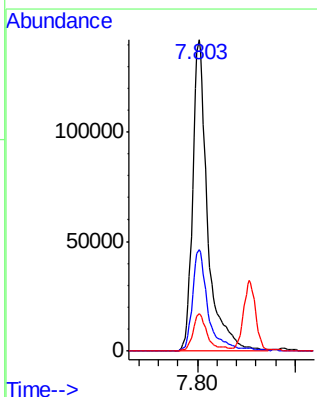
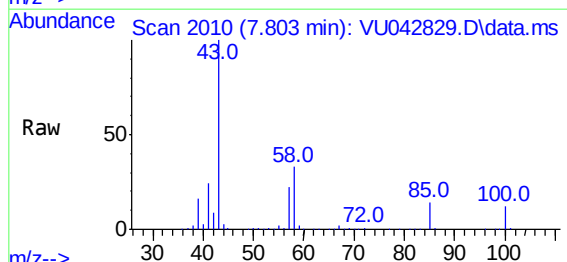
Instrument :
 MSVOA_U
 ClientSampled :
 VSTD00521

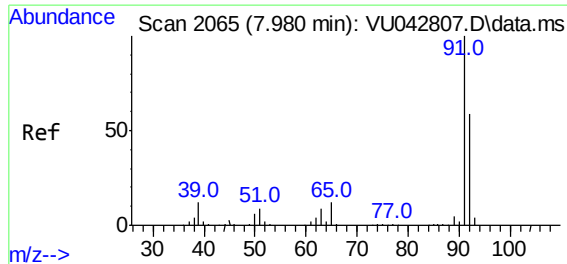
Tgt Ion: 75 Resp: 46592
 Ion Ratio Lower Upper
 75 100
 77 30.5 22.0 40.8



#40
 4-Methyl-2-pentanone
 Concen: 50.79 ug/L
 RT: 7.803 min Scan# 2010
 Delta R.T. 0.000 min
 Lab File: VU042829.D
 Acq: 30 Mar 2021 09:58

Tgt Ion: 43 Resp: 298970
 Ion Ratio Lower Upper
 43 100
 58 33.4 29.1 43.7
 100 11.4 11.0 16.4





#42

Toluene

Concen: 4.98 ug/L

RT: 7.977 min Scan# 2064

Delta R.T. -0.003 min

Lab File: VU042829.D

Acq: 30 Mar 2021 09:58

Tgt Ion: 91 Resp: 135826

Ion Ratio Lower Upper

91 100

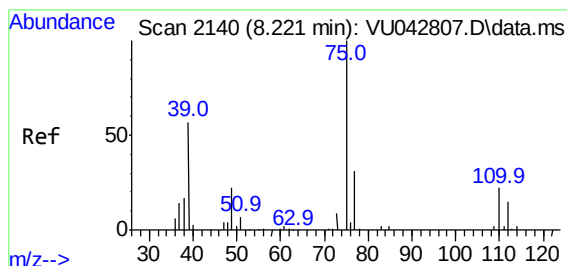
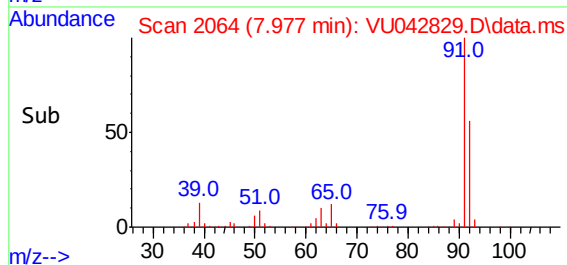
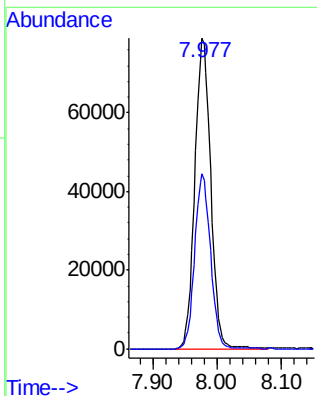
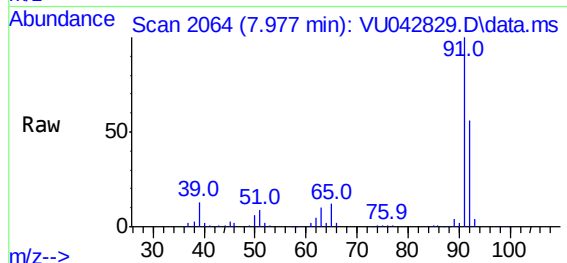
92 56.3 41.2 76.6

Instrument :

MSVOA_U

ClientSampleId :

VSTD00521



#44

trans-1,3-Dichloropropene

Concen: 4.93 ug/L

RT: 8.221 min Scan# 2140

Delta R.T. 0.000 min

Lab File: VU042829.D

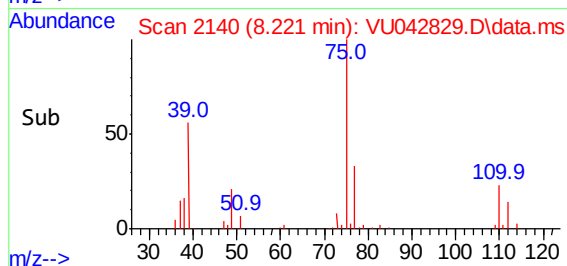
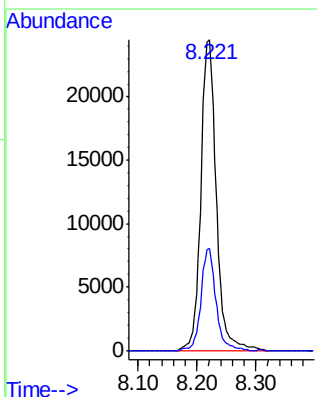
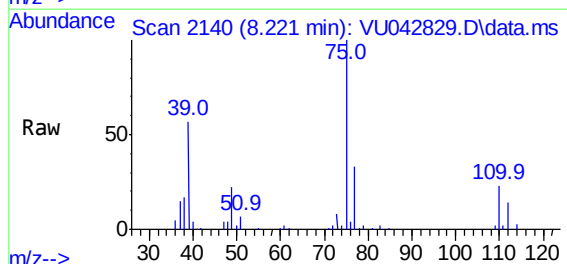
Acq: 30 Mar 2021 09:58

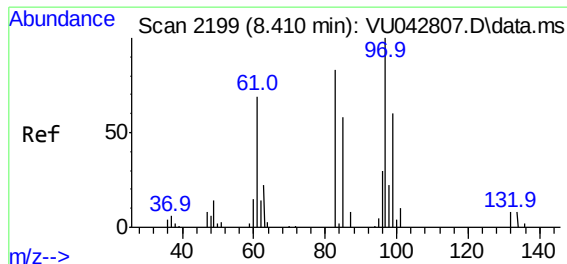
Tgt Ion: 75 Resp: 44734

Ion Ratio Lower Upper

75 100

77 32.9 21.8 40.4



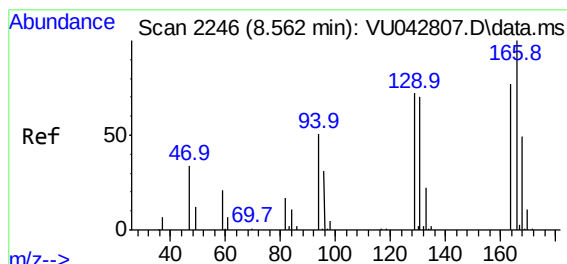
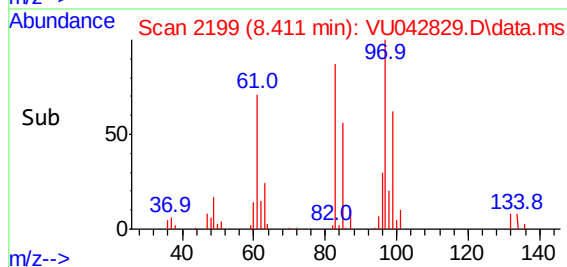
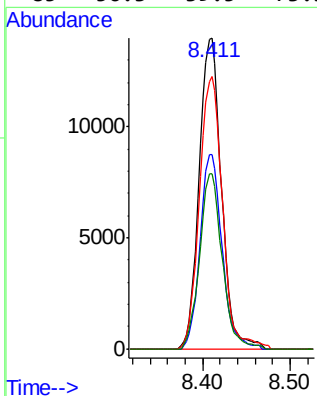
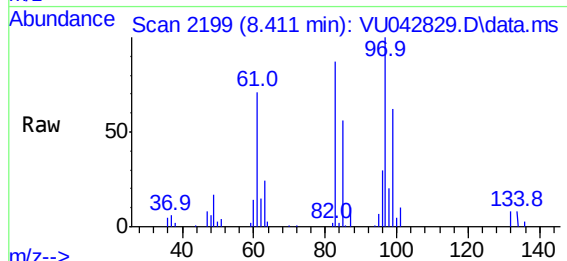


#45
1,1,2-Trichloroethane
Concen: 4.97 ug/L
RT: 8.411 min Scan# 2199
Delta R.T. 0.000 min
Lab File: VU042829.D
Acq: 30 Mar 2021 09:58

Instrument :
MSVOA_U
ClientSampleId :
VSTD00521

Tgt Ion: 97 Resp: 24753

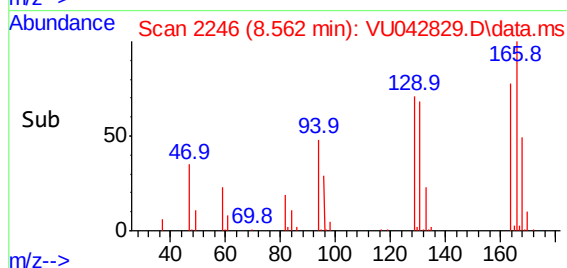
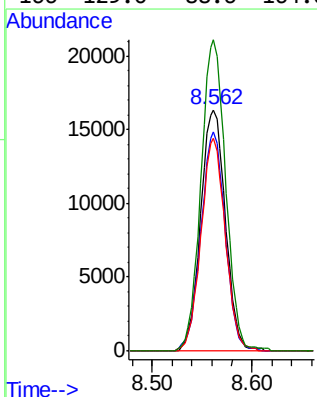
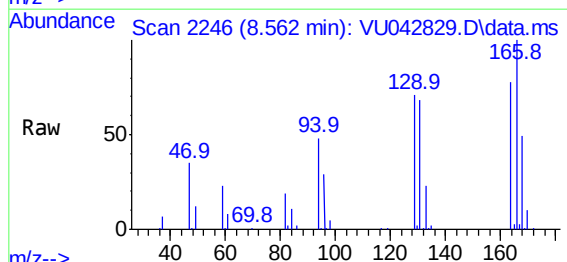
Ion	Ratio	Lower	Upper
97	100		
99	62.5	44.0	81.8
83	87.5	57.6	107.0
85	56.3	39.5	73.3

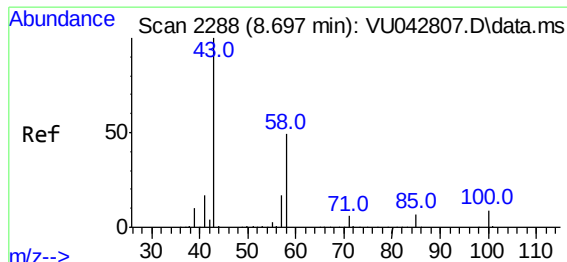


#47
Tetrachloroethene
Concen: 4.96 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU042829.D
Acq: 30 Mar 2021 09:58

Tgt Ion: 164 Resp: 28052

Ion	Ratio	Lower	Upper
164	100		
129	91.0	64.3	119.5
131	88.0	62.2	115.6
166	129.0	88.6	164.6

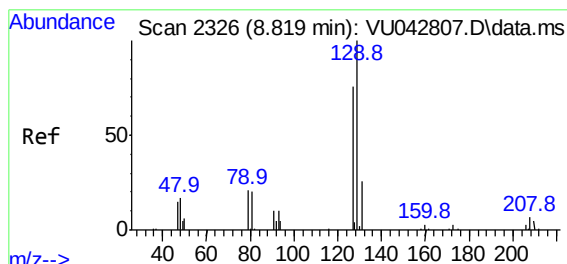
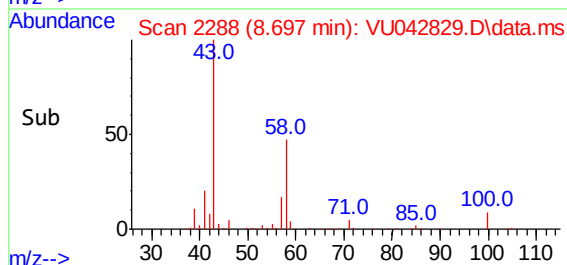
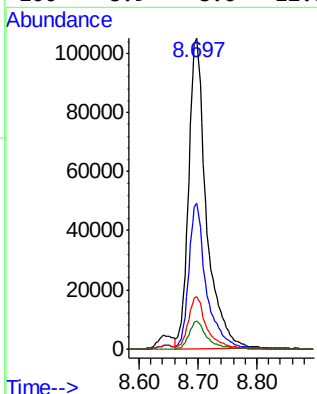
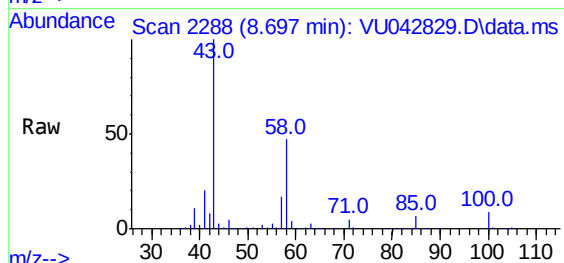




#48
2-Hexanone
Concen: 51.05 ug/L
RT: 8.697 min Scan# 2288
Delta R.T. 0.000 min
Lab File: VU042829.D
Acq: 30 Mar 2021 09:58

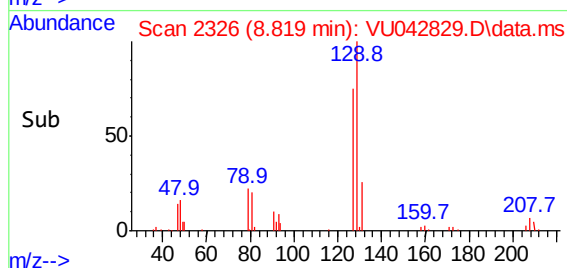
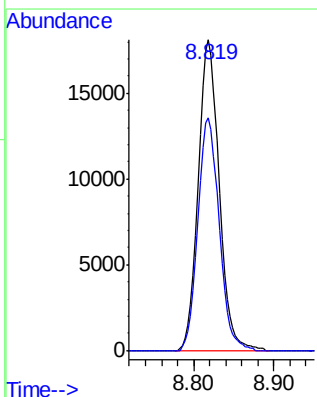
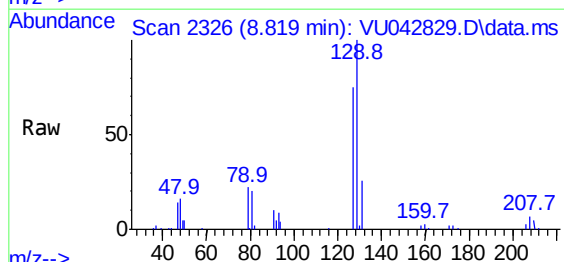
Instrument :
MSVOA_U
ClientSampleId :
VSTD00521

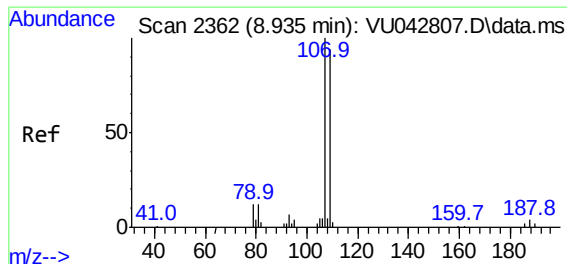
Tgt Ion: 43 Resp: 221687
Ion Ratio Lower Upper
43 100
58 46.4 40.6 61.0
57 17.4 14.9 22.3
100 8.9 8.6 12.8



#49
Dibromochloromethane
Concen: 5.09 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VU042829.D
Acq: 30 Mar 2021 09:58

Tgt Ion: 129 Resp: 31706
Ion Ratio Lower Upper
129 100
127 75.0 52.3 97.1

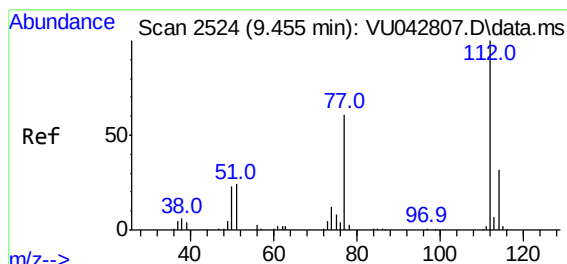
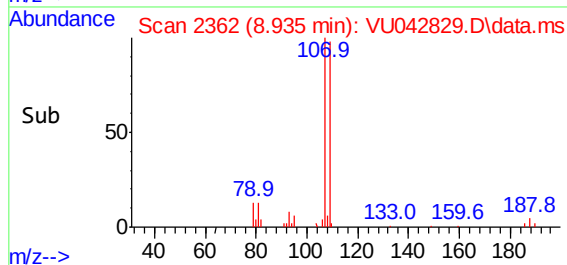
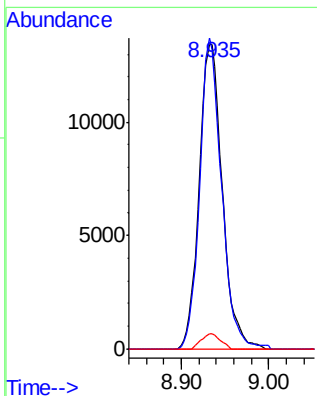
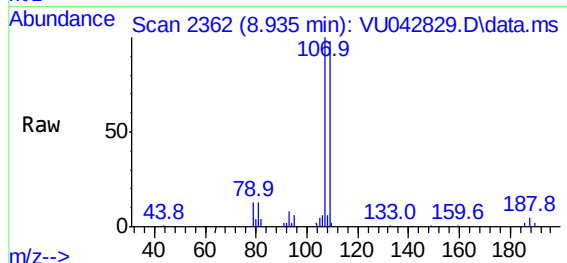




#50
1,2-Dibromoethane
Concen: 5.01 ug/L
RT: 8.935 min Scan# 2362
Delta R.T. 0.000 min
Lab File: VU042829.D
Acq: 30 Mar 2021 09:58

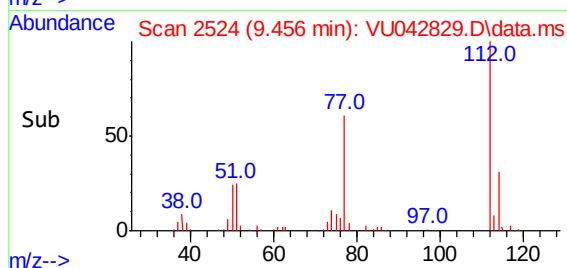
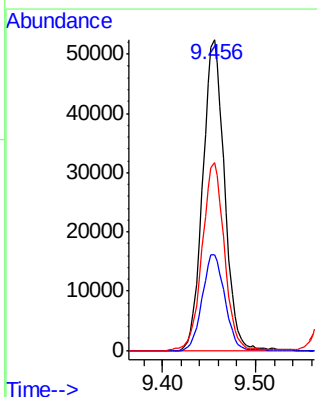
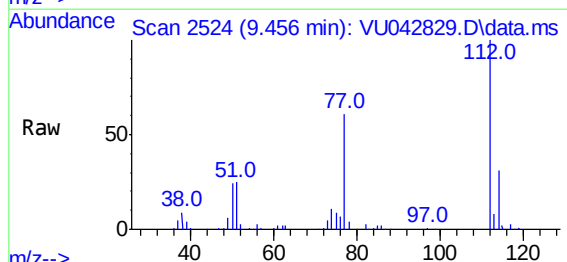
Instrument :
MSVOA_U
ClientSampleId :
VSTD00521

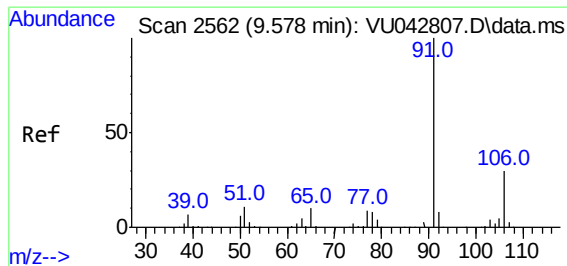
Tgt Ion:107 Resp: 24606
Ion Ratio Lower Upper
107 100
109 98.2 65.5 121.6
188 4.9 3.4 5.2



#51
Chlorobenzene
Concen: 4.86 ug/L
RT: 9.456 min Scan# 2524
Delta R.T. 0.000 min
Lab File: VU042829.D
Acq: 30 Mar 2021 09:58

Tgt Ion:112 Resp: 84727
Ion Ratio Lower Upper
112 100
114 30.9 22.0 41.0
77 60.5 49.8 74.6

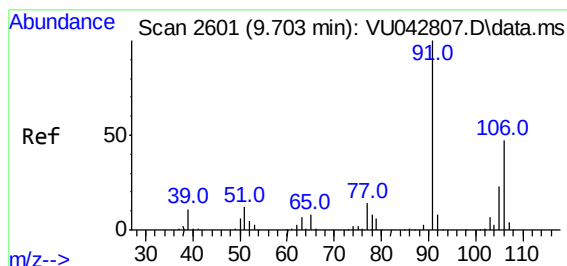
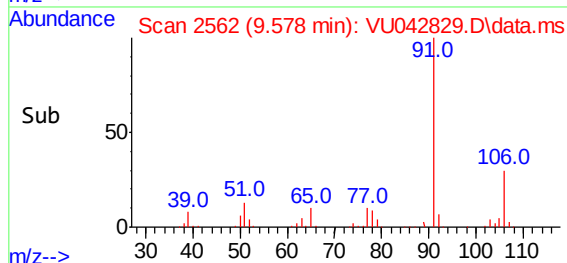
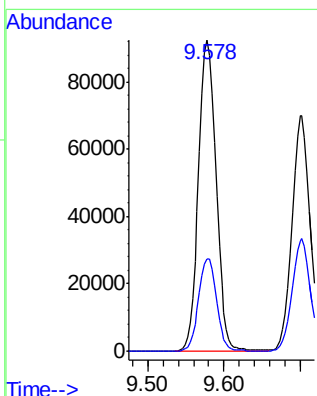
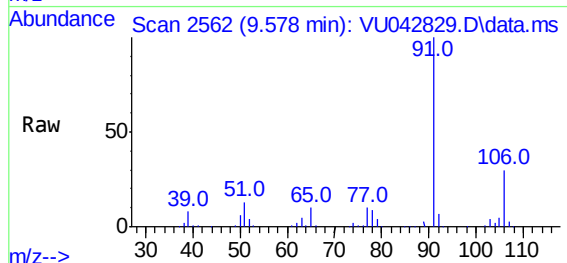




#52
Ethylbenzene
Concen: 4.83 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU042829.D
Acq: 30 Mar 2021 09:58

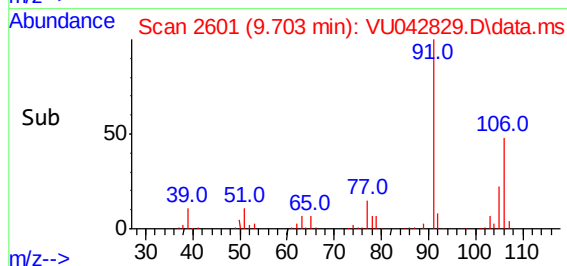
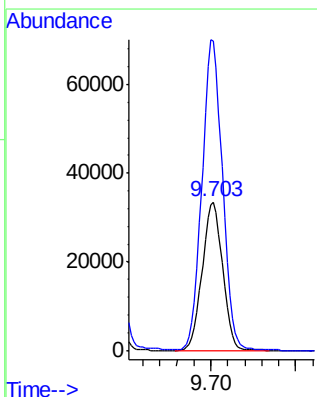
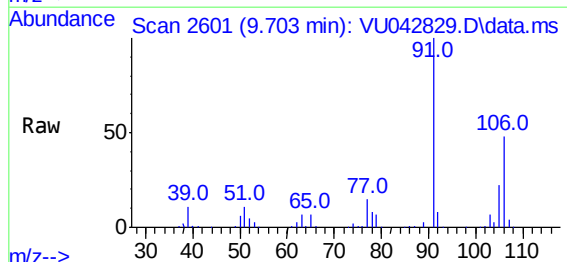
Instrument :
MSVOA_U
ClientSampleId :
VSTD00521

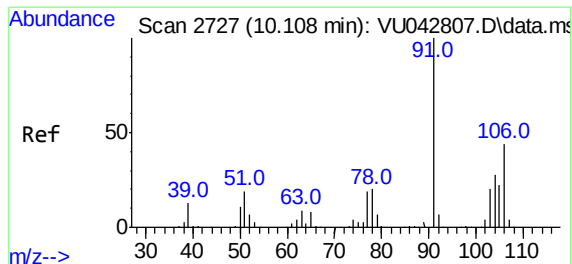
Tgt Ion: 91 Resp: 148372
Ion Ratio Lower Upper
91 100
106 29.7 21.1 39.3



#53
m,p-Xylene
Concen: 4.90 ug/L
RT: 9.703 min Scan# 2601
Delta R.T. 0.000 min
Lab File: VU042829.D
Acq: 30 Mar 2021 09:58

Tgt Ion: 106 Resp: 55714
Ion Ratio Lower Upper
106 100
91 209.1 145.1 269.5

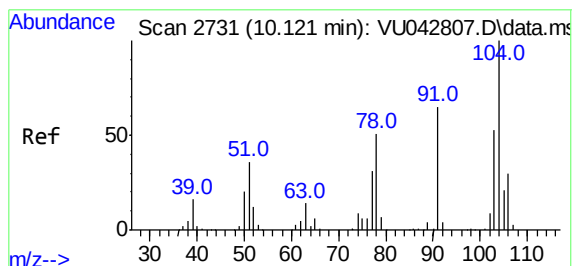
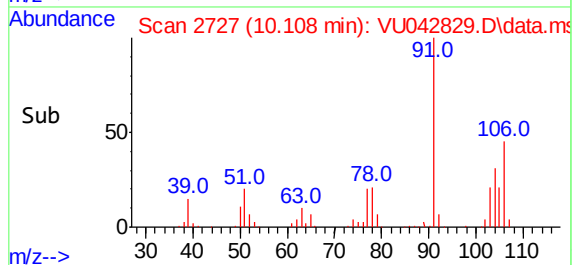
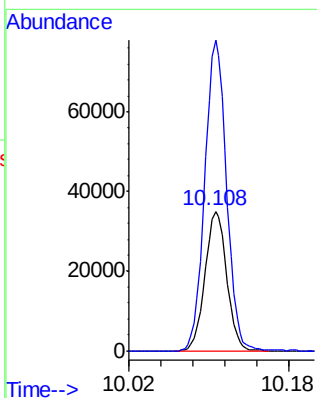
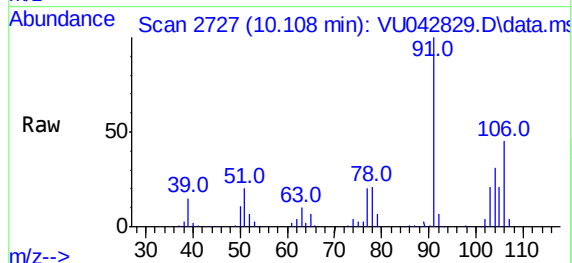




#54
o-Xylene
Concen: 4.96 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU042829.D
Acq: 30 Mar 2021 09:58

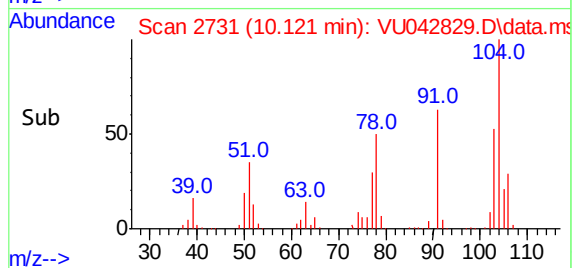
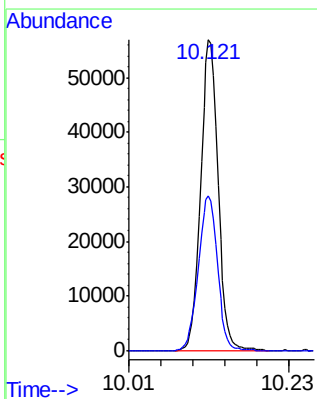
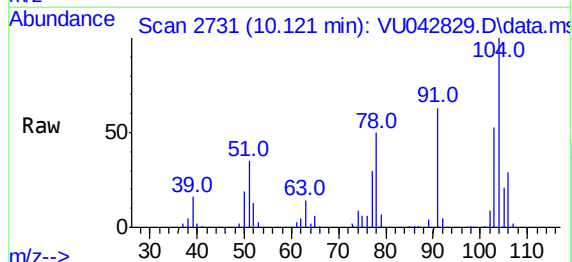
Instrument :
MSVOA_U
ClientSampleId :
VSTD00521

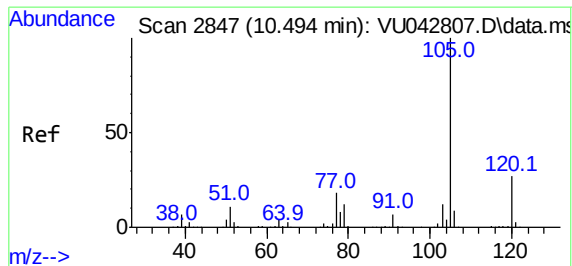
Tgt Ion:106 Resp: 54566
Ion Ratio Lower Upper
106 100
91 222.2 153.0 284.2



#55
Styrene
Concen: 4.97 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. 0.000 min
Lab File: VU042829.D
Acq: 30 Mar 2021 09:58

Tgt Ion:104 Resp: 92997
Ion Ratio Lower Upper
104 100
78 49.7 34.9 64.7

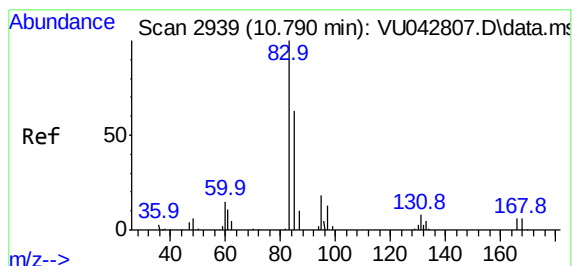
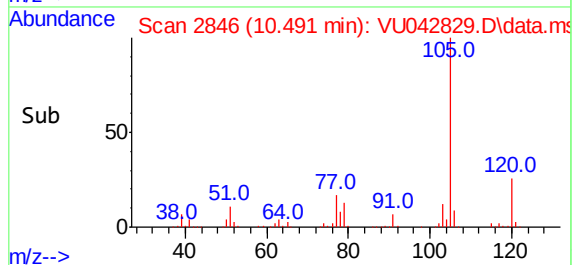
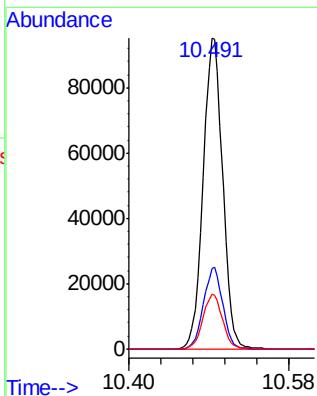
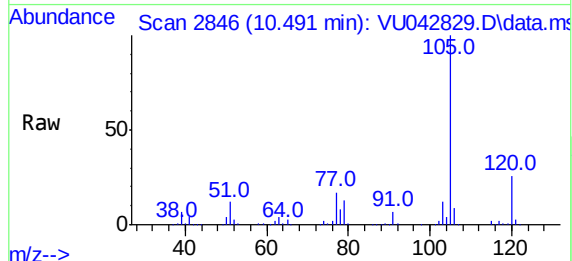




#56
Isopropylbenzene
Concen: 4.85 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. -0.003 min
Lab File: VU042829.D
Acq: 30 Mar 2021 09:58

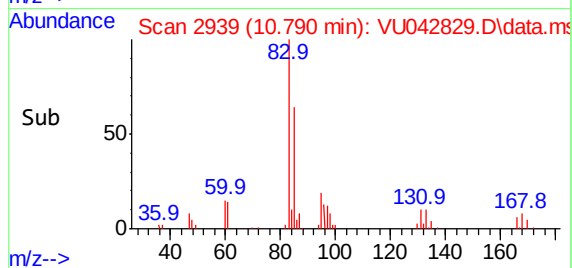
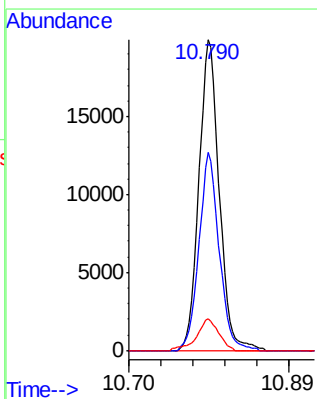
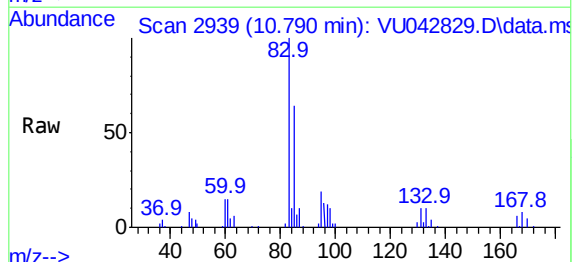
Instrument :
MSVOA_U
ClientSampleId :
VSTD00521

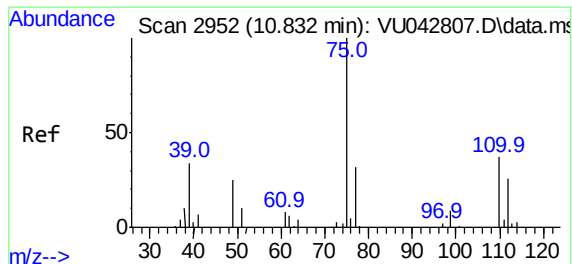
Tgt Ion:105 Resp: 146749
Ion Ratio Lower Upper
105 100
120 25.8 20.8 31.2
77 17.4 13.4 20.0



#58
1,1,2,2-Tetrachloroethane
Concen: 4.92 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. 0.000 min
Lab File: VU042829.D
Acq: 30 Mar 2021 09:58

Tgt Ion: 83 Resp: 32808
Ion Ratio Lower Upper
83 100
85 63.6 44.4 82.4
131 10.1 8.6 12.8

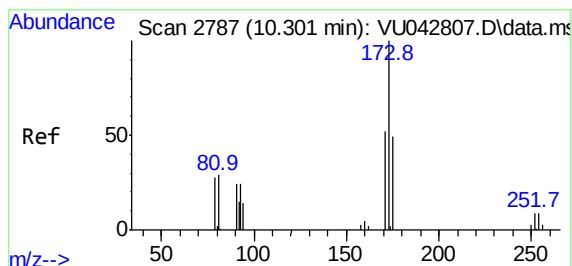
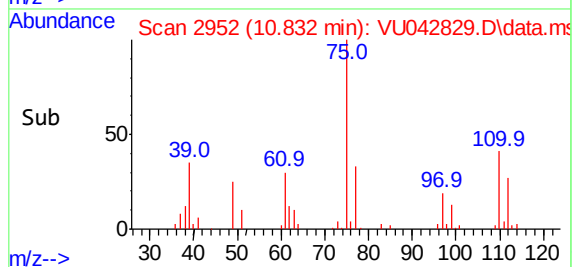
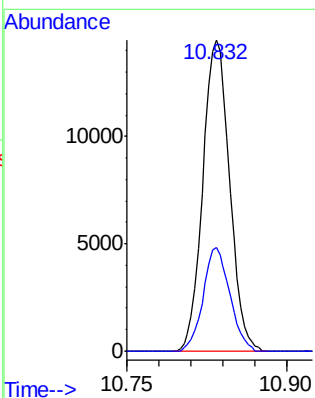
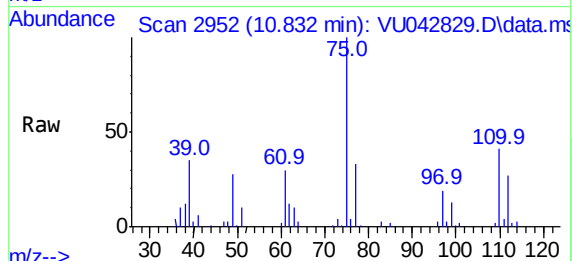




#59
1,2,3-Trichloropropane
Concen: 4.77 ug/L
RT: 10.832 min Scan# 2952
Delta R.T. 0.000 min
Lab File: VU042829.D
Acq: 30 Mar 2021 09:58

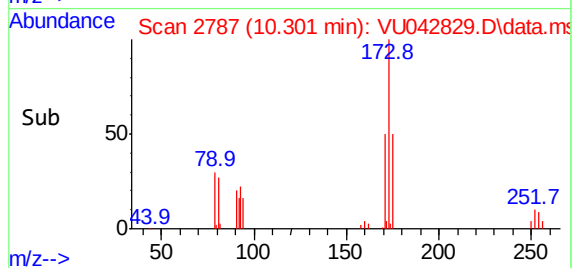
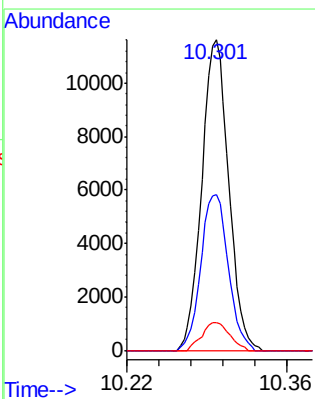
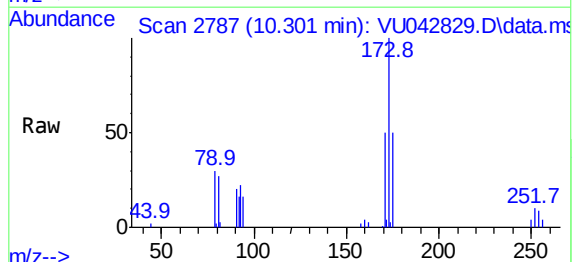
Instrument :
MSVOA_U
ClientSampleId :
VSTD00521

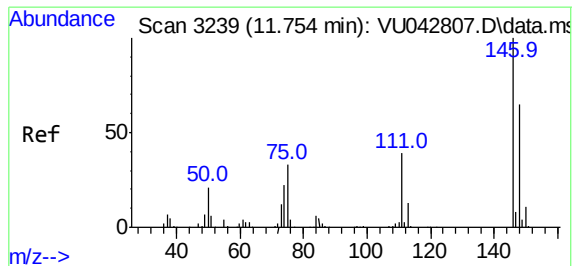
Tgt Ion: 75 Resp: 24191
Ion Ratio Lower Upper
75 100
77 33.0 26.0 39.0



#61
Bromoform
Concen: 5.07 ug/L
RT: 10.301 min Scan# 2787
Delta R.T. 0.000 min
Lab File: VU042829.D
Acq: 30 Mar 2021 09:58

Tgt Ion:173 Resp: 19525
Ion Ratio Lower Upper
173 100
175 51.2 38.7 58.1
254 9.3 7.9 11.9

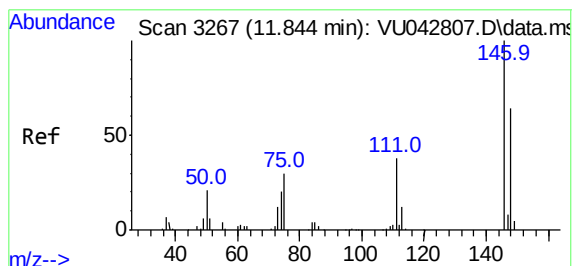
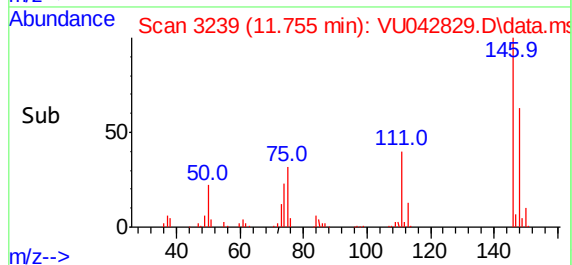
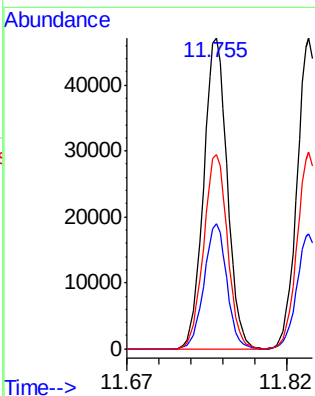
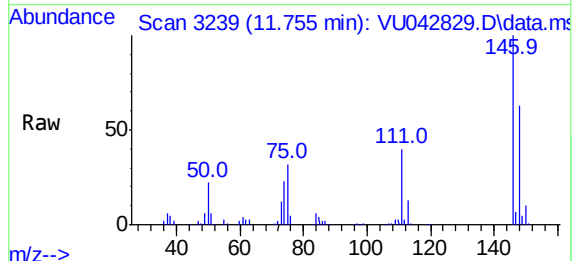




#62
1,3-Dichlorobenzene
Concen: 5.07 ug/L
RT: 11.755 min Scan# 3239
Delta R.T. 0.000 min
Lab File: VU042829.D
Acq: 30 Mar 2021 09:58

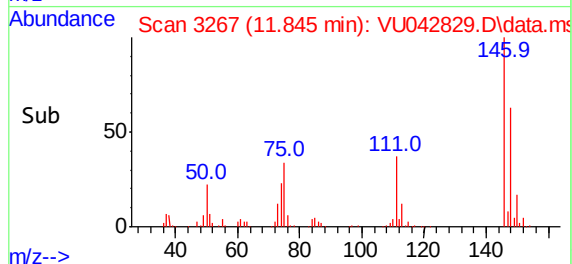
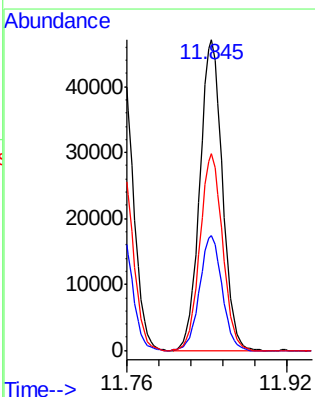
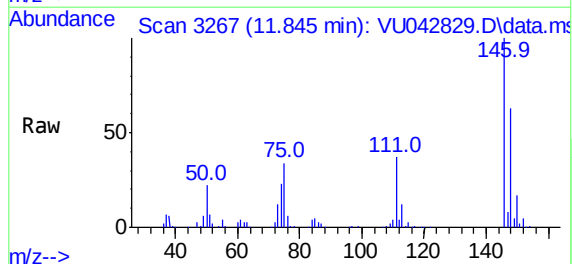
Instrument :
MSVOA_U
ClientSampled :
VSTD00521

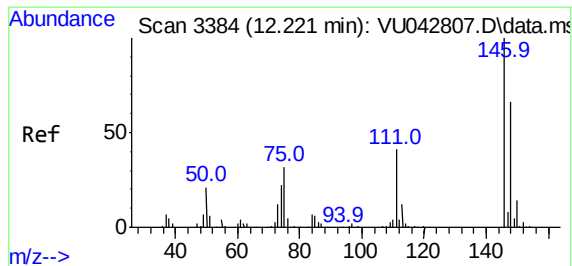
Tgt Ion:146 Resp: 74668
Ion Ratio Lower Upper
146 100
111 40.1 27.2 50.4
148 62.7 44.6 82.8



#63
1,4-Dichlorobenzene
Concen: 5.03 ug/L
RT: 11.845 min Scan# 3267
Delta R.T. 0.000 min
Lab File: VU042829.D
Acq: 30 Mar 2021 09:58

Tgt Ion:146 Resp: 73795
Ion Ratio Lower Upper
146 100
111 37.0 25.8 47.8
148 63.2 44.1 81.9

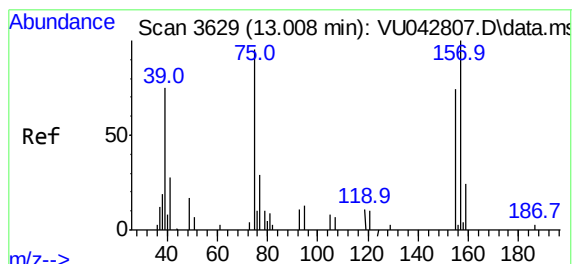
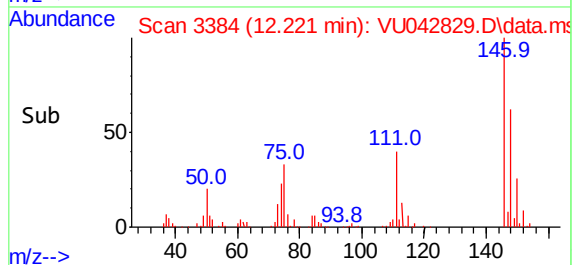
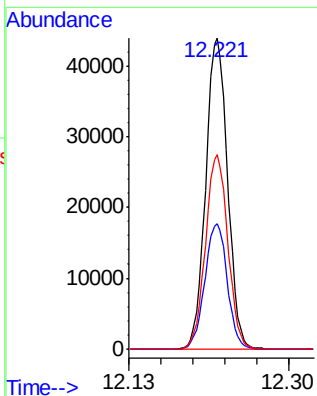
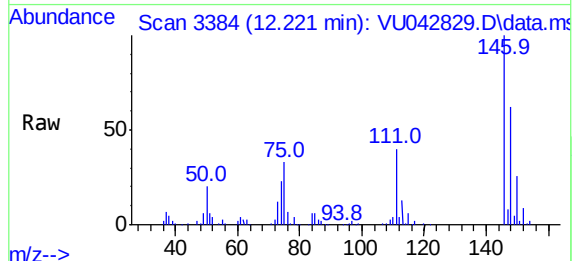




#65
1,2-Dichlorobenzene
Concen: 5.05 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. 0.000 min
Lab File: VU042829.D
Acq: 30 Mar 2021 09:58

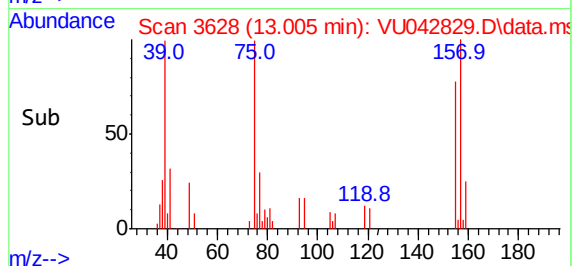
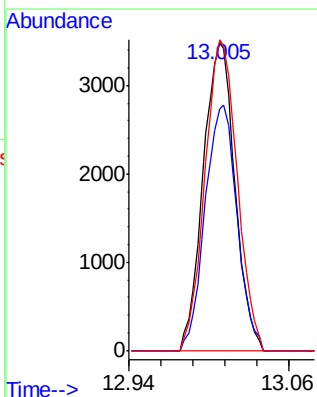
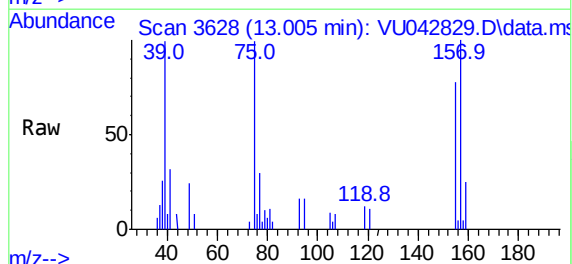
Instrument :
MSVOA_U
ClientSampleId :
VSTD00521

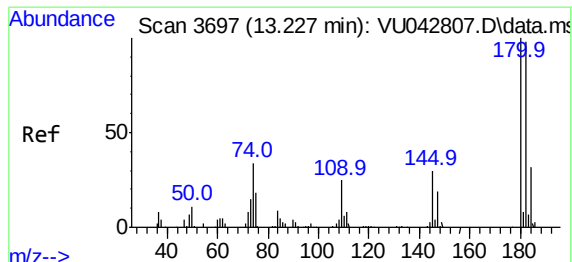
Tgt Ion:146 Resp: 71511
Ion Ratio Lower Upper
146 100
111 40.3 32.7 49.1
148 62.3 51.7 77.5



#66
1,2-Dibromo-3-chloropropane
Concen: 4.65 ug/L
RT: 13.005 min Scan# 3628
Delta R.T. -0.003 min
Lab File: VU042829.D
Acq: 30 Mar 2021 09:58

Tgt Ion: 75 Resp: 5535
Ion Ratio Lower Upper
75 100
155 78.5 69.0 103.6
157 100.9 91.0 136.6

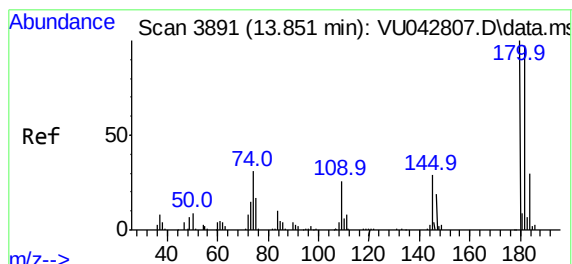
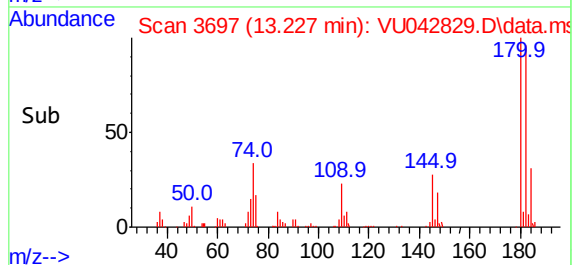
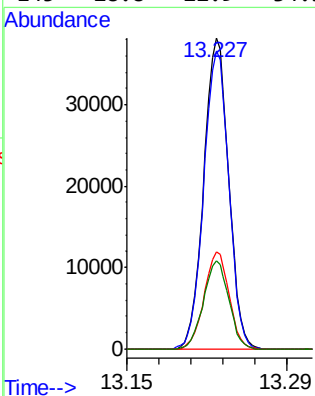
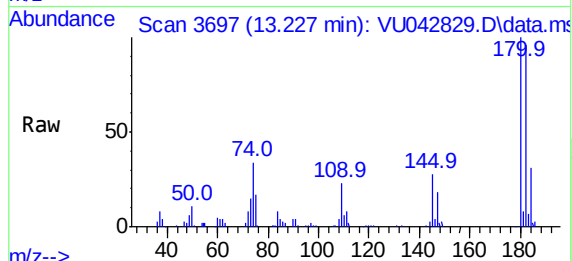




#67
 1,3,5-Trichlorobenzene
 Concen: 4.64 ug/L
 RT: 13.227 min Scan# 3697
 Delta R.T. 0.000 min
 Lab File: VU042829.D
 Acq: 30 Mar 2021 09:58

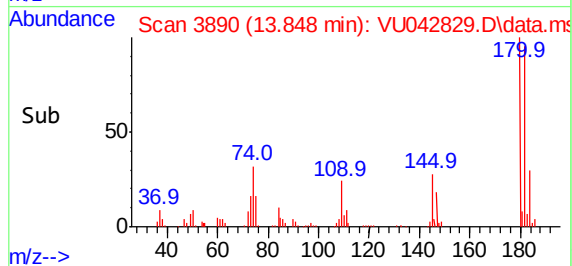
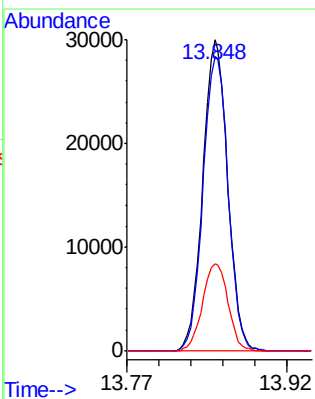
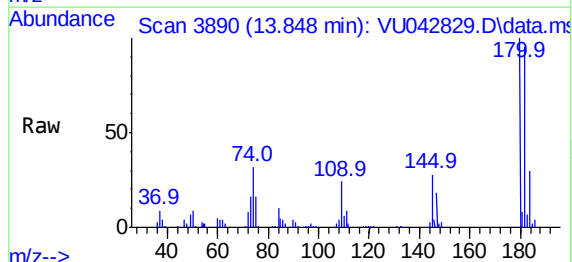
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00521

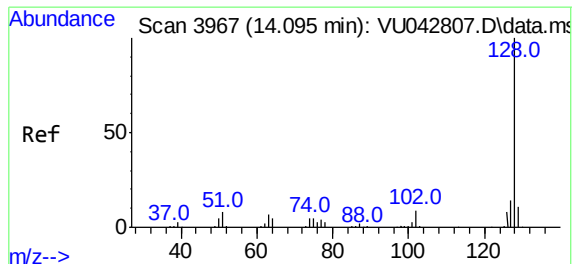
Tgt Ion:180 Resp: 59215
 Ion Ratio Lower Upper
 180 100
 182 96.8 76.4 114.6
 184 31.2 23.9 35.9
 145 28.8 22.9 34.3



#68
 1,2,4-trichlorobenzene
 Concen: 4.53 ug/L
 RT: 13.848 min Scan# 3890
 Delta R.T. -0.003 min
 Lab File: VU042829.D
 Acq: 30 Mar 2021 09:58

Tgt Ion:180 Resp: 47851
 Ion Ratio Lower Upper
 180 100
 182 95.6 76.3 114.5
 145 28.5 23.7 35.5

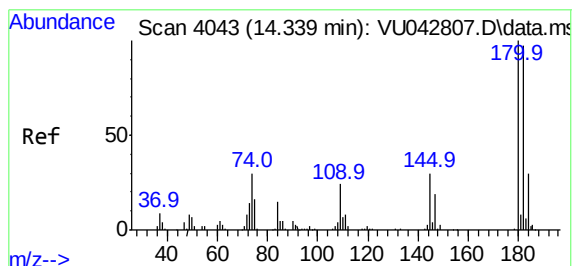
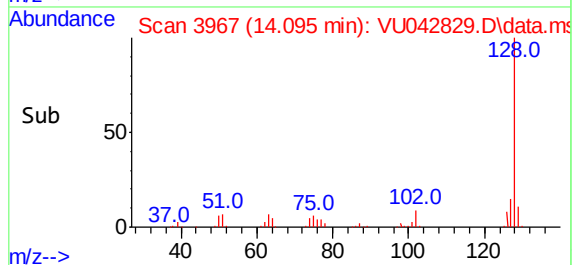
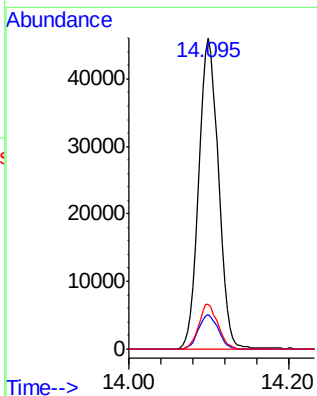
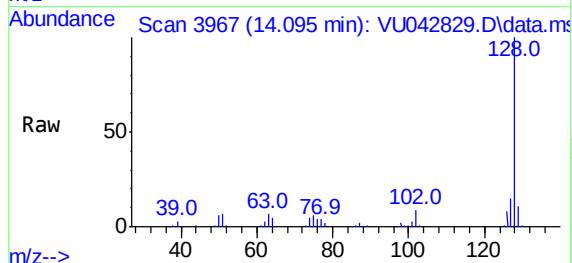




#69
Naphthalene
Concen: 4.41 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU042829.D
Acq: 30 Mar 2021 09:58

Instrument :
MSVOA_U
ClientSampleId :
VSTD00521

Tgt Ion:128 Resp: 75764
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.8 10.6 15.8



#70
1,2,3-Trichlorobenzene
Concen: 4.71 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. -0.003 min
Lab File: VU042829.D
Acq: 30 Mar 2021 09:58

Tgt Ion:180 Resp: 45134
Ion Ratio Lower Upper
180 100
182 99.7 75.6 113.4
145 30.0 24.7 37.1

