

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032921\
 Data File : VU042827.D
 Acq On : 29 Mar 2021 19:39
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00520

Quant Time: Mar 30 01:19:20 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	6.259	114	80528	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	80483	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	44102	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	20900	3.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.80%
7) Chloroethane-d5	1.919	69	18825	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.60%
11) 1,1-Dichloroethene-d2	2.575	63	53518	4.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.20%
20) 2-Butanone-d5	4.649	46	69885	39.65	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.30%
24) Chloroform-d	5.073	84	51574	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.713	65	30487	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
32) Benzene-d6	5.739	84	88203	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
36) 1,2-Dichloropropane-d6	6.700	67	29246	4.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.80%
41) Toluene-d8	7.906	98	86934	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
43) trans-1,3-Dichloroprop...	8.189	79	12566	4.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.60%
46) 2-Hexanone-d5	8.642	63	69840	49.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.10%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	27272	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.20%
64) 1,2-Dichlorobenzene-d4	12.201	152	36605	4.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.60%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	34604	4.62	ug/L	99
3) Chloromethane	1.523	50	35769	5.04	ug/L	98
5) Vinyl chloride	1.607	62	34007	4.77	ug/L	100
6) Bromomethane	1.864	94	21006	5.34	ug/L	96
8) Chloroethane	1.941	64	21330	5.01	ug/L	98
9) Trichlorofluoromethane	2.144	101	59262	5.10	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	29104	4.76	ug/L	97
12) 1,1-Dichloroethene	2.588	96	26941	4.75	ug/L	92
13) Acetone	2.658	43	33789	24.88	ug/L	98
14) Carbon disulfide	2.800	76	86196	4.77	ug/L	100
15) Methyl Acetate	2.967	43	13888	4.11	ug/L	94
16) Methylene chloride	3.054	84	31221	4.59	ug/L	98
17) Methyl tert-butyl Ether	3.372	73	68501	4.29	ug/L	98
18) trans-1,2-Dichloroethene	3.362	96	27515	4.61	ug/L	94
19) 1,1-Dichloroethane	3.880	63	54122	4.70	ug/L	97
21) 2-Butanone	4.723	43	78850	34.15	ug/L	95
22) cis-1,2-Dichloroethene	4.681	96	29962	4.70	ug/L	94
23) Bromochloromethane	4.983	128	14307	4.72	ug/L	92
25) Chloroform	5.099	83	56780	4.70	ug/L	99
27) 1,2-Dichloroethane	5.803	62	40689	4.49	ug/L	97

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 Response via : Initial Calibration

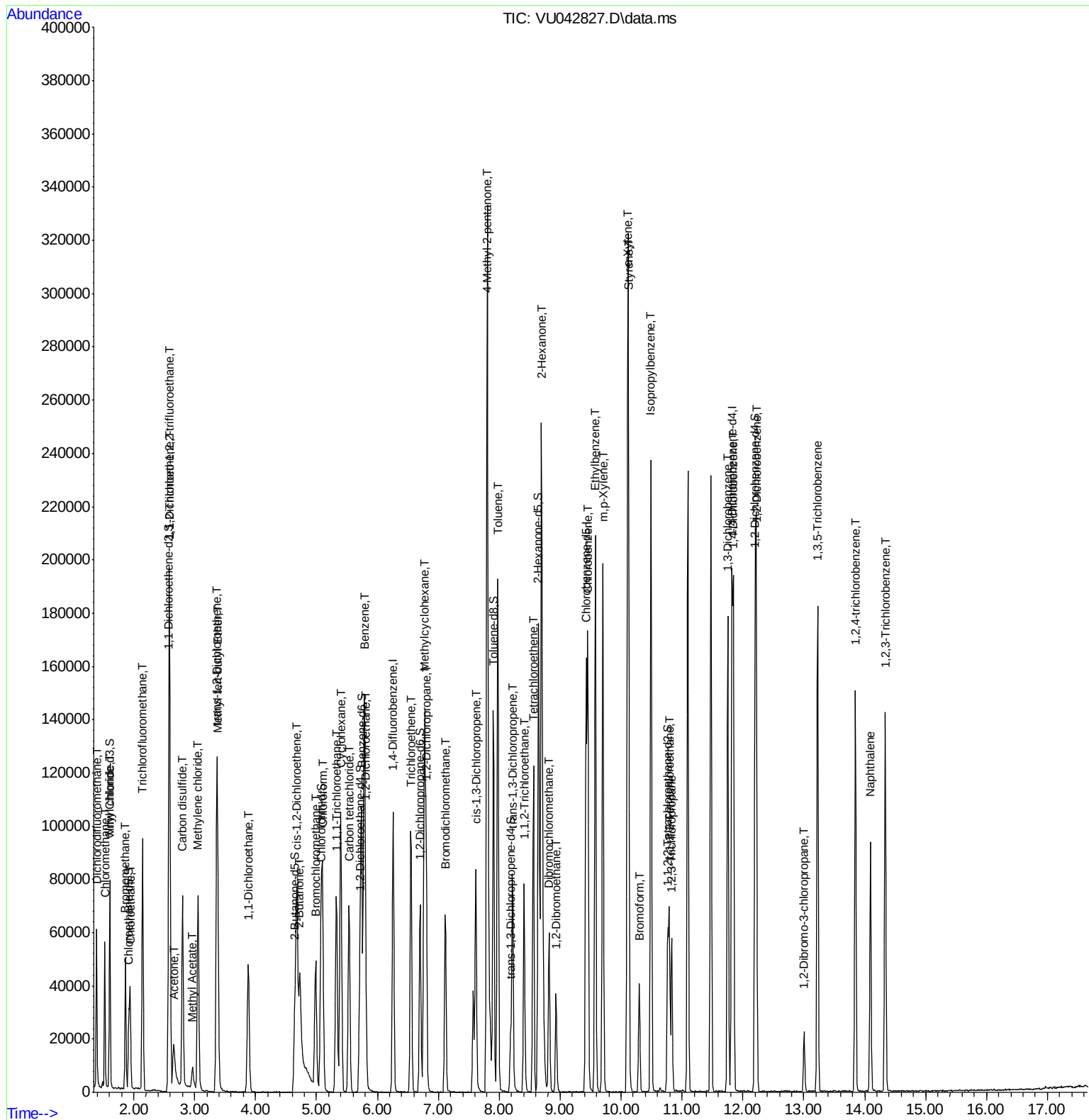
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	5.327	97	52286	4.67	ug/L	98
30) Cyclohexane	5.398	56	49422	4.42	ug/L	98
31) Carbon tetrachloride	5.536	117	45319	4.59	ug/L	98
33) Benzene	5.784	78	116197	4.61	ug/L	100
34) Trichloroethene	6.549	95	31380	4.49	ug/L	98
35) Methylcyclohexane	6.771	83	47584	4.48	ug/L	96
37) 1,2-Dichloropropane	6.800	63	31163	4.58	ug/L	99
38) Bromodichloromethane	7.115	83	41873	4.72	ug/L	99
39) cis-1,3-Dichloropropene	7.616	75	43672	4.41	ug/L	100
40) 4-Methyl-2-pentanone	7.803	43	267476	45.12	ug/L	95
42) Toluene	7.976	91	130103	4.74	ug/L	96
44) trans-1,3-Dichloropropene	8.218	75	40701	4.45	ug/L	100
45) 1,1,2-Trichloroethane	8.407	97	23067	4.60	ug/L	94
47) Tetrachloroethene	8.558	164	25437	4.47	ug/L	98
48) 2-Hexanone	8.693	43	197868	45.25	ug/L	96
49) Dibromochloromethane	8.819	129	29002	4.62	ug/L	91
50) 1,2-Dibromoethane	8.931	107	23288	4.71	ug/L	100
51) Chlorobenzene	9.455	112	81211	4.63	ug/L	100
52) Ethylbenzene	9.578	91	141167	4.56	ug/L	100
53) m,p-Xylene	9.703	106	52406	4.58	ug/L	93
54) o-Xylene	10.108	106	51467	4.64	ug/L	95
55) Styrene	10.121	104	88320	4.69	ug/L	99
56) Isopropylbenzene	10.491	105	142132	4.66	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.790	83	29902	4.45	ug/L	99
59) 1,2,3-Trichloropropane	10.832	75	22158	4.34	ug/L	99
61) Bromoform	10.301	173	18159	4.56	ug/L	100
62) 1,3-Dichlorobenzene	11.751	146	67514	4.44	ug/L	100
63) 1,4-Dichlorobenzene	11.844	146	69618	4.59	ug/L	100
65) 1,2-Dichlorobenzene	12.221	146	65977	4.51	ug/L	98
66) 1,2-Dibromo-3-chloropr...	13.002	75	5375	4.37	ug/L	87
67) 1,3,5-Trichlorobenzene	13.227	180	54316	4.12	ug/L	98
68) 1,2,4-trichlorobenzene	13.848	180	43265	3.96	ug/L	97
69) Naphthalene	14.095	128	70716	3.99	ug/L	99
70) 1,2,3-Trichlorobenzene	14.336	180	41645	4.20	ug/L	99

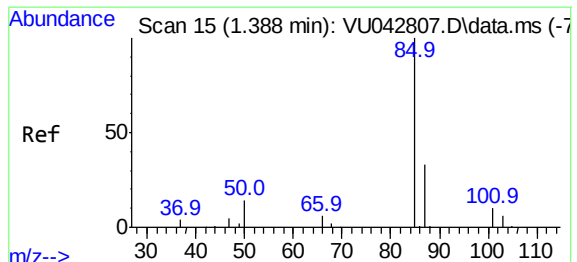
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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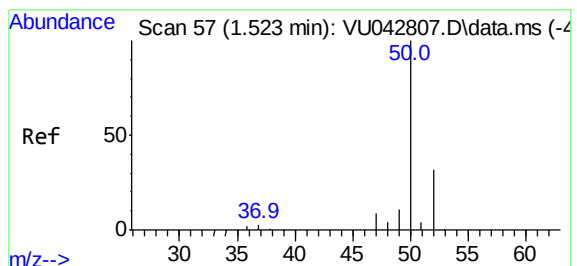
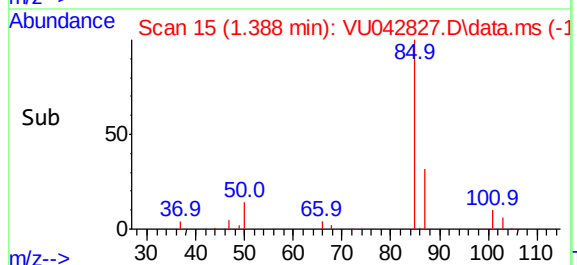
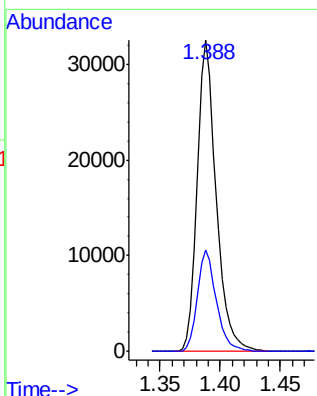
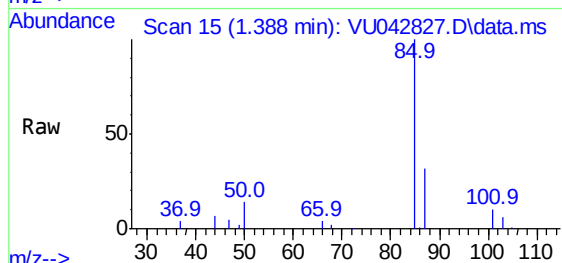




#2
Dichlorodifluoromethane
Concen: 4.62 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU042827.D
Acq: 29 Mar 2021 19:39

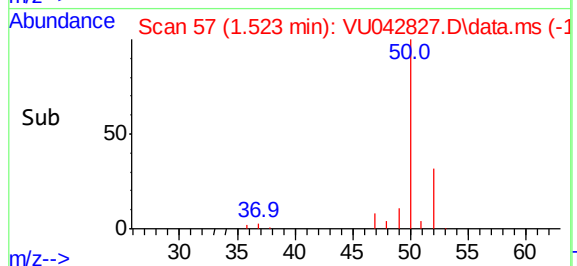
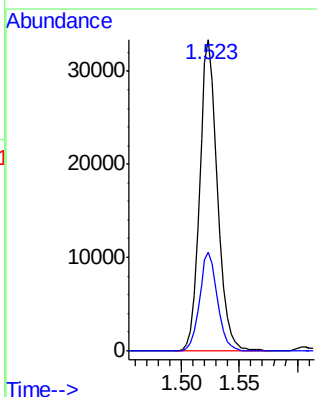
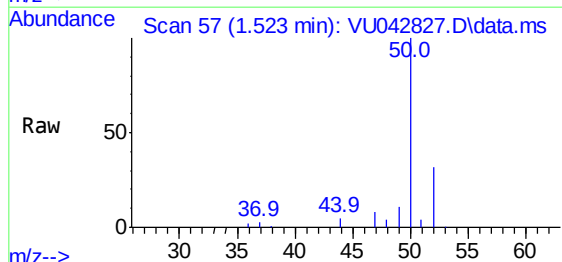
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MSVOA_U
ClientSampleId :
VSTD00520

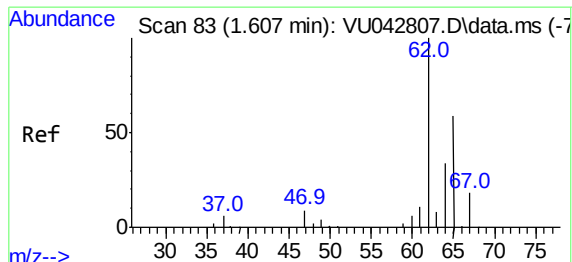
Tgt Ion: 85 Resp: 34604
Ion Ratio Lower Upper
85 100
87 32.0 26.1 39.1



#3
Chloromethane
Concen: 5.04 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042827.D
Acq: 29 Mar 2021 19:39

Tgt Ion: 50 Resp: 35769
Ion Ratio Lower Upper
50 100
52 31.7 23.0 42.8

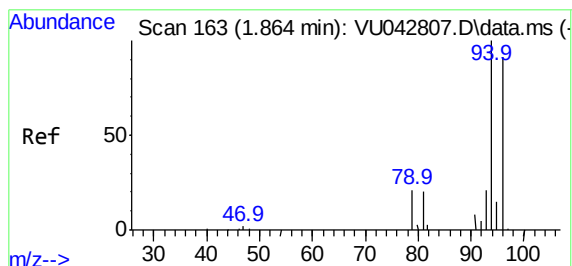
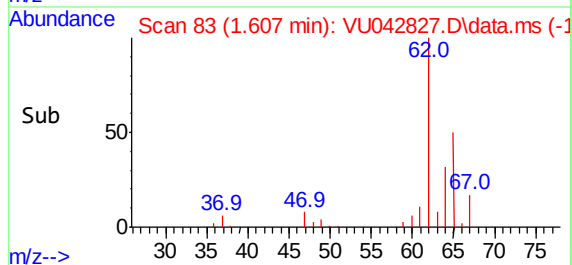
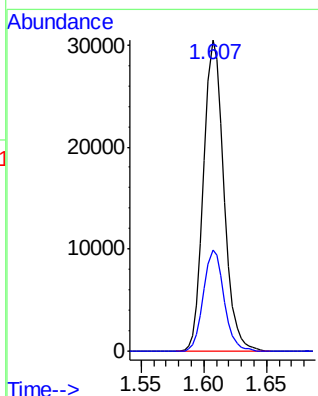
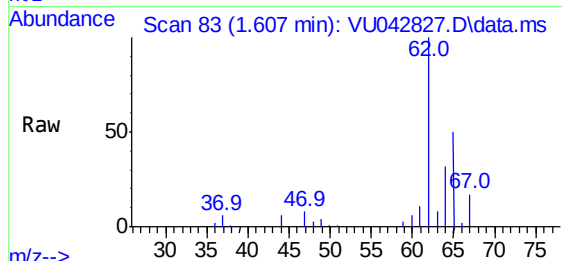




#5
 Vinyl chloride
 Concen: 4.77 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU042827.D
 Acq: 29 Mar 2021 19:39

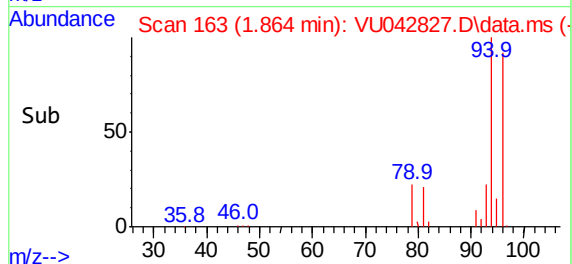
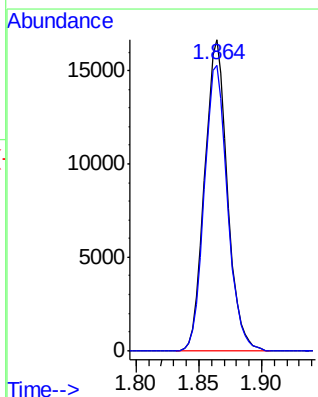
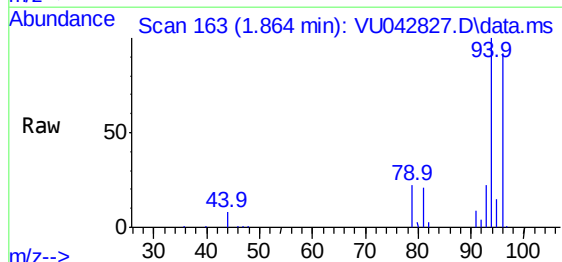
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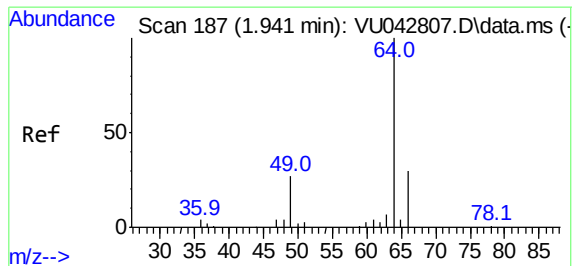
Tgt Ion: 62 Resp: 34007
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.7 42.1



#6
 Bromomethane
 Concen: 5.34 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.000 min
 Lab File: VU042827.D
 Acq: 29 Mar 2021 19:39

Tgt Ion: 94 Resp: 21006
 Ion Ratio Lower Upper
 94 100
 96 91.6 66.5 123.5

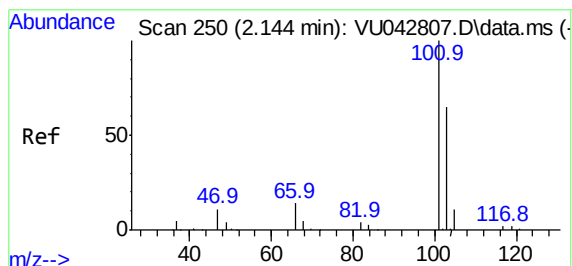
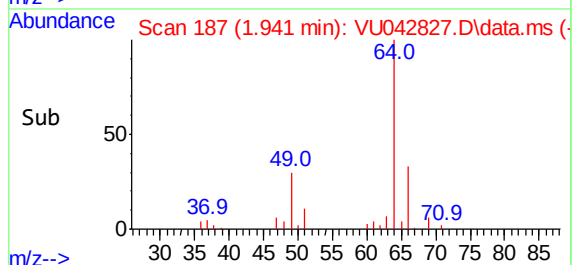
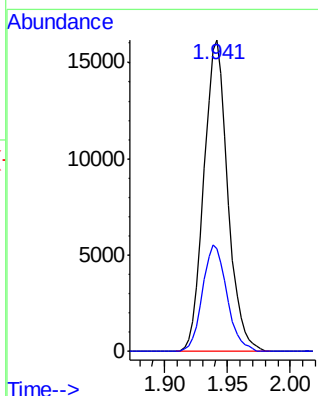
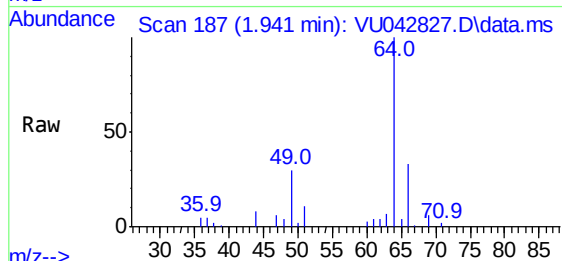




#8
Chloroethane
Concen: 5.01 ug/L
RT: 1.941 min Scan# 187
Delta R.T. 0.000 min
Lab File: VU042827.D
Acq: 29 Mar 2021 19:39

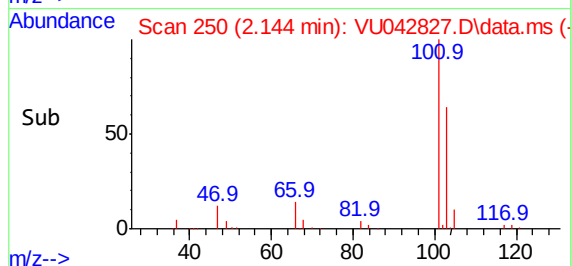
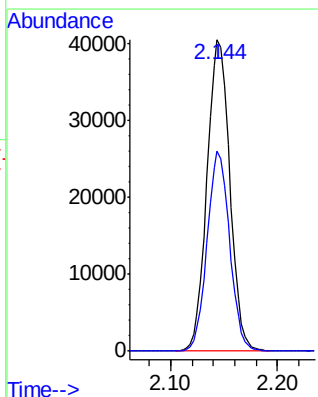
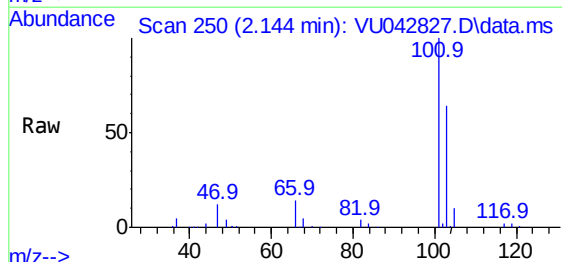
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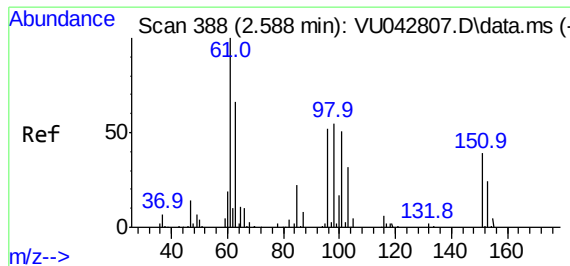
Tgt Ion: 64 Resp: 21330
Ion Ratio Lower Upper
64 100
66 32.9 22.2 41.2



#9
Trichlorofluoromethane
Concen: 5.10 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU042827.D
Acq: 29 Mar 2021 19:39

Tgt Ion: 101 Resp: 59262
Ion Ratio Lower Upper
101 100
103 63.2 51.8 77.8



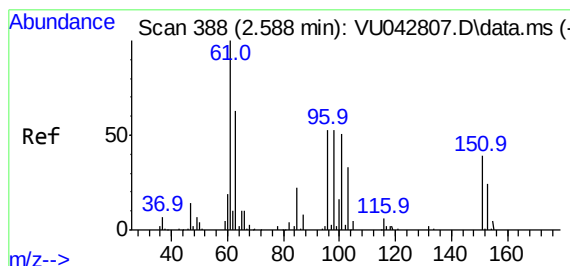
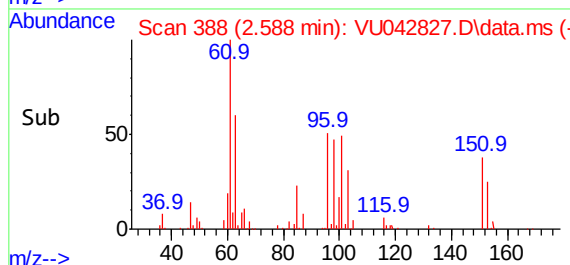
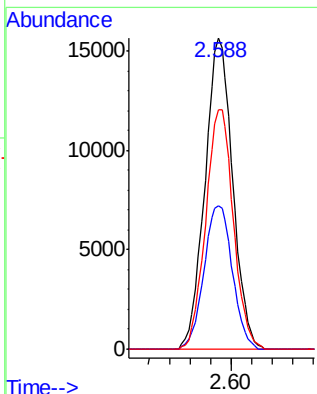
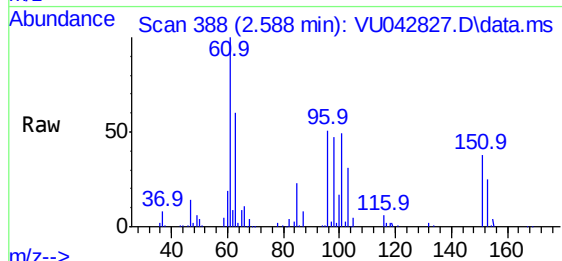


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.76 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU042827.D
 Acq: 29 Mar 2021 19:39

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion:101 Resp: 29104

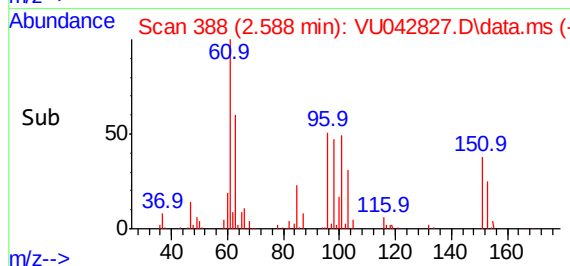
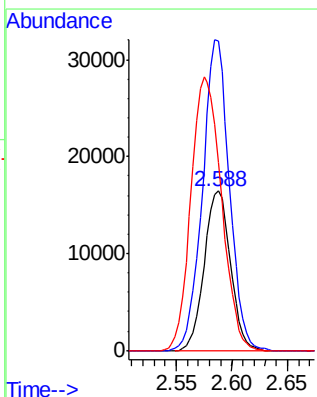
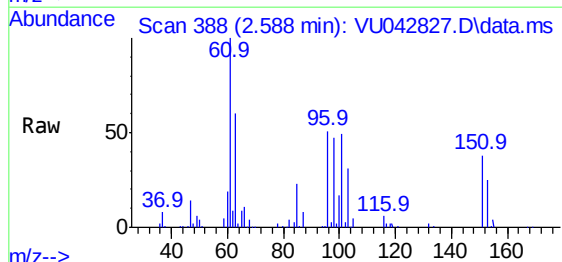
Ion	Ratio	Lower	Upper
101	100		
85	47.1	34.6	51.8
151	76.8	62.7	94.1

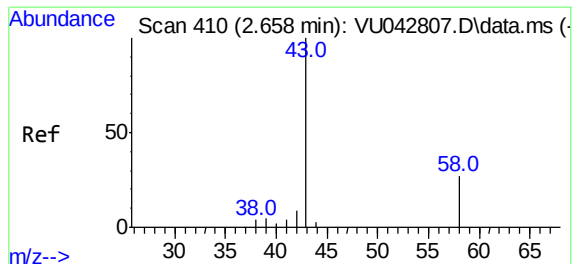


#12
 1,1-Dichloroethene
 Concen: 4.75 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU042827.D
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Tgt Ion: 96 Resp: 26941

Ion	Ratio	Lower	Upper
96	100		
61	194.3	126.2	234.4
63	117.5	77.8	144.4

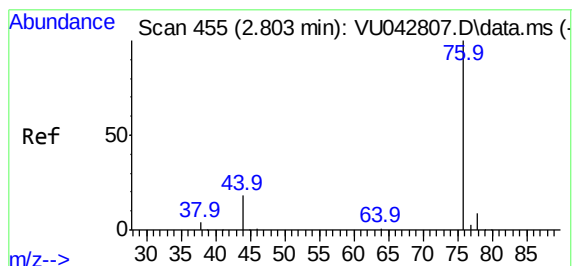
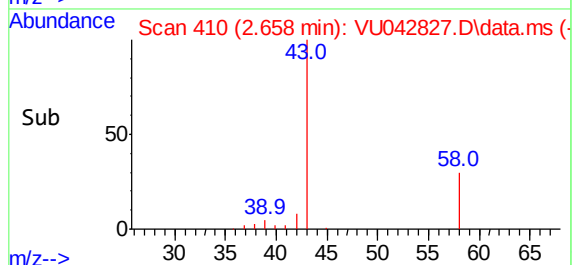
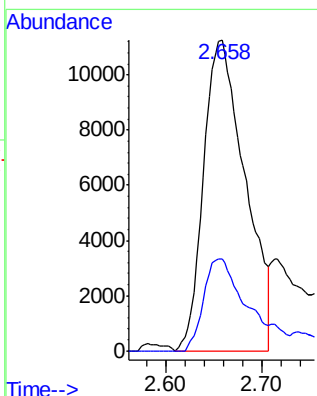
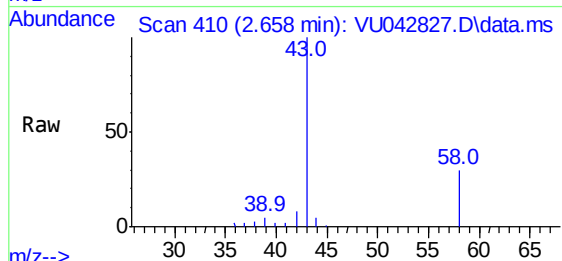




#13
Acetone
Concen: 24.88 ug/L
RT: 2.658 min Scan# 410
Delta R.T. 0.000 min
Lab File: VU042827.D
Acq: 29 Mar 2021 19:39

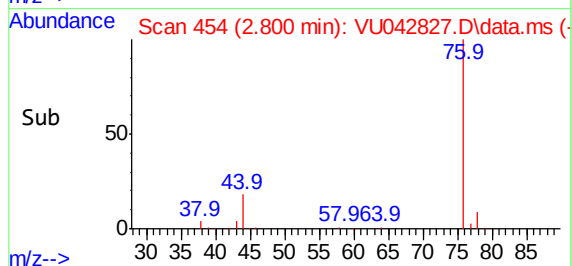
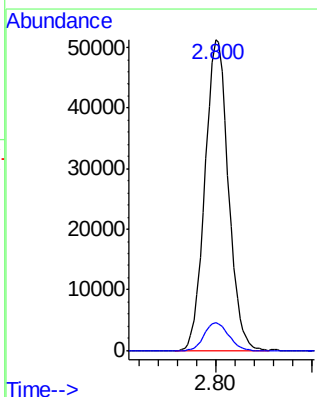
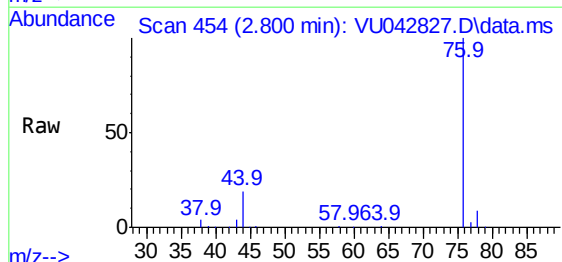
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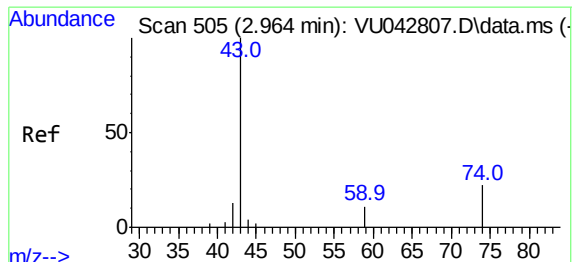
Tgt Ion: 43 Resp: 33789
Ion Ratio Lower Upper
43 100
58 28.9 0.0 55.8



#14
Carbon disulfide
Concen: 4.77 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.003 min
Lab File: VU042827.D
Acq: 29 Mar 2021 19:39

Tgt Ion: 76 Resp: 86196
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9

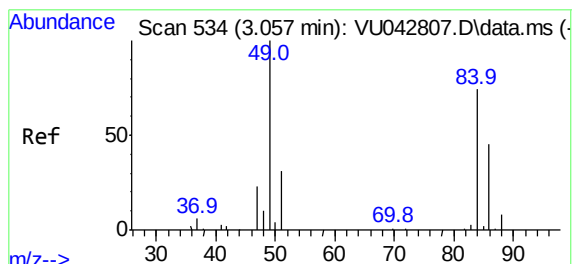
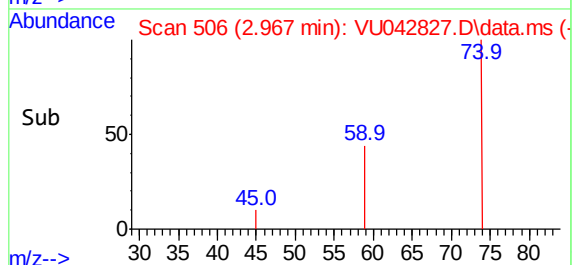
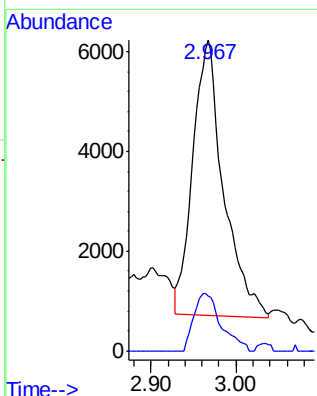
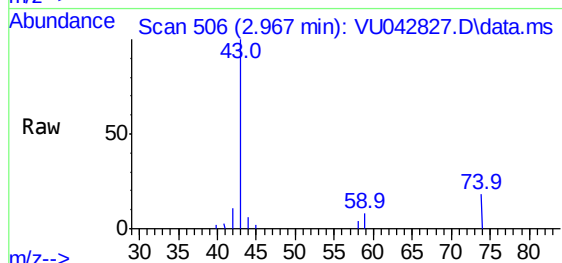




#15
Methyl Acetate
Concen: 4.11 ug/L
RT: 2.967 min Scan# 506
Delta R.T. 0.003 min
Lab File: VU042827.D
Acq: 29 Mar 2021 19:39

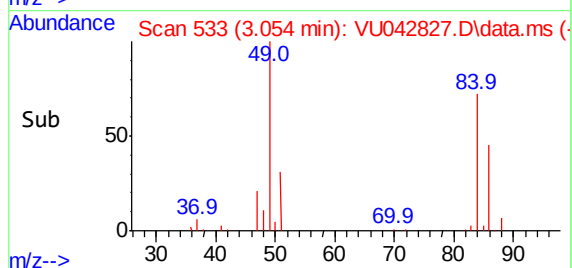
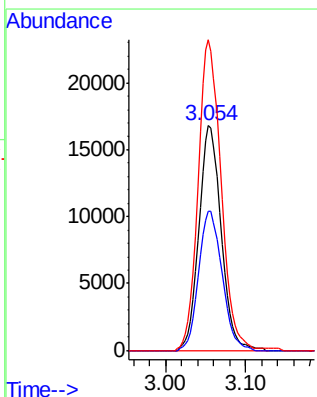
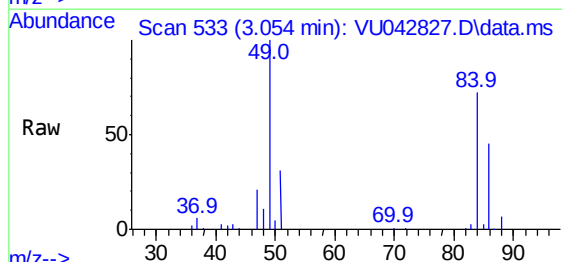
Instrument :
MSVOA_U
ClientSampleId :
VSTD00520

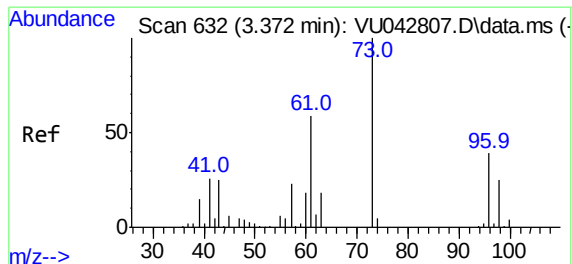
Tgt Ion: 43 Resp: 13888
Ion Ratio Lower Upper
43 100
74 18.4 16.9 25.3



#16
Methylene chloride
Concen: 4.59 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.003 min
Lab File: VU042827.D
Acq: 29 Mar 2021 19:39

Tgt Ion: 84 Resp: 31221
Ion Ratio Lower Upper
84 100
86 61.8 44.1 81.9
49 138.4 95.0 176.4



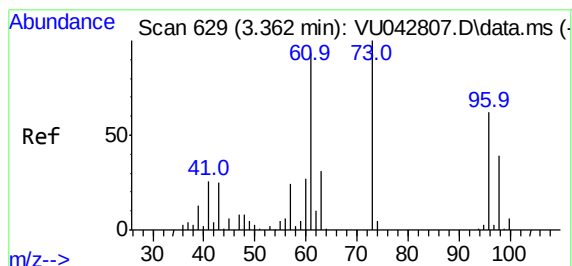
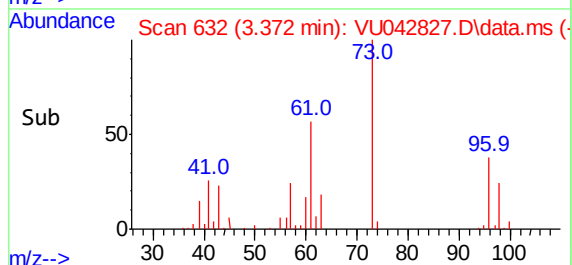
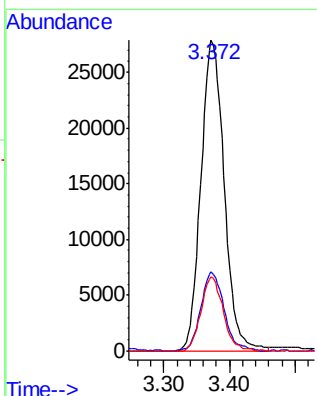
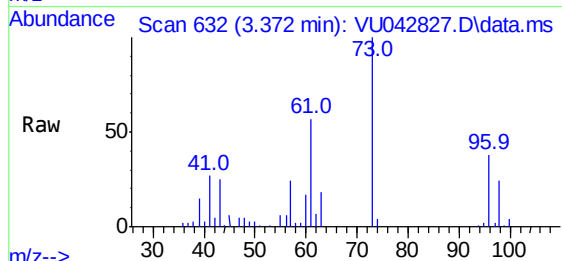


#17
Methyl tert-butyl Ether
Concen: 4.29 ug/L
RT: 3.372 min Scan# 632
Delta R.T. 0.000 min
Lab File: VU042827.D
Acq: 29 Mar 2021 19:39

Instrument :
MSVOA_U
ClientSampleId :
VSTD00520

Tgt Ion: 73 Resp: 68501

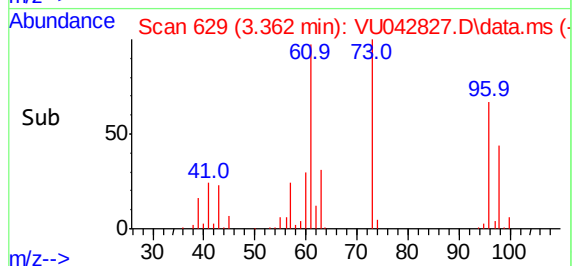
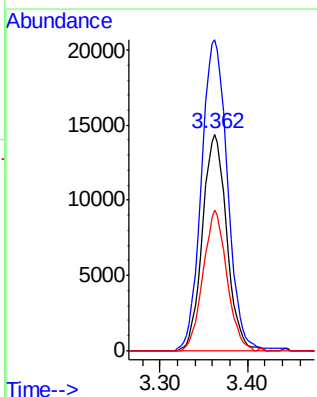
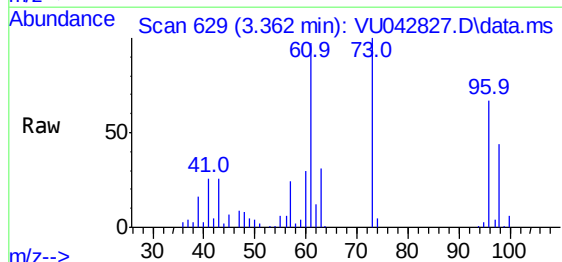
Ion	Ratio	Lower	Upper
73	100		
43	25.2	18.9	28.3
57	22.6	18.2	27.4

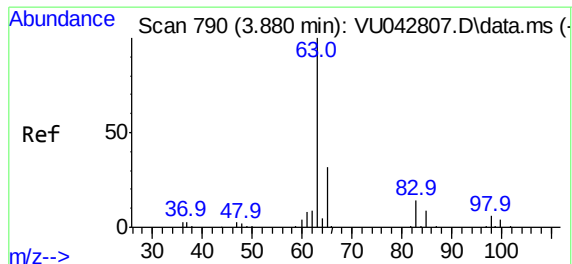


#18
trans-1,2-Dichloroethene
Concen: 4.61 ug/L
RT: 3.362 min Scan# 629
Delta R.T. 0.000 min
Lab File: VU042827.D
Acq: 29 Mar 2021 19:39

Tgt Ion: 96 Resp: 27515

Ion	Ratio	Lower	Upper
96	100		
61	143.7	105.7	196.3
98	65.0	42.8	79.6

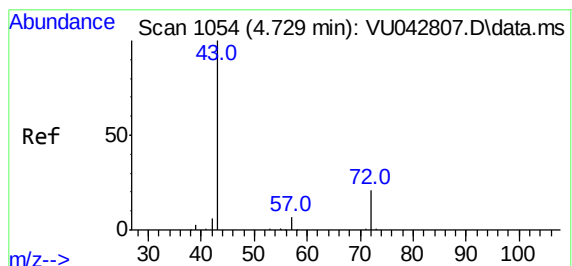
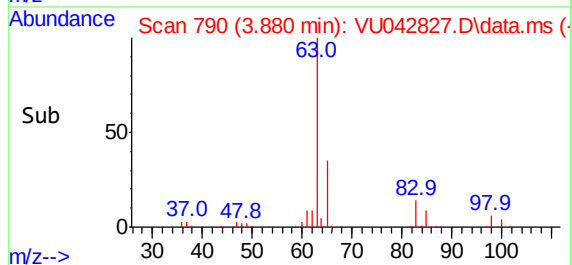
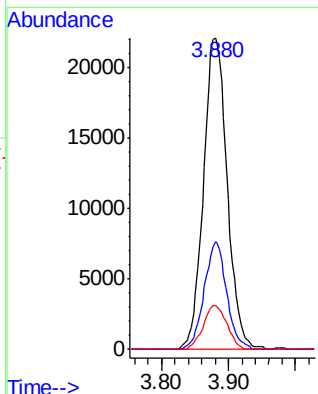
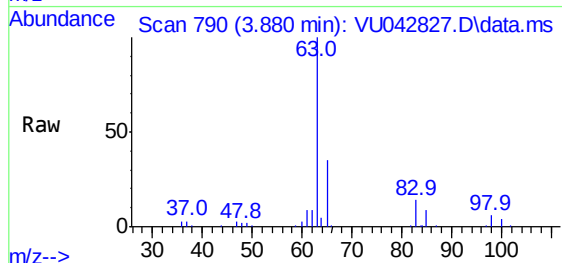




#19
1,1-Dichloroethane
Concen: 4.70 ug/L
RT: 3.880 min Scan# 790
Delta R.T. 0.000 min
Lab File: VU042827.D
Acq: 29 Mar 2021 19:39

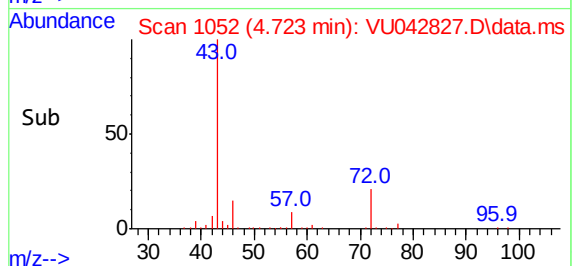
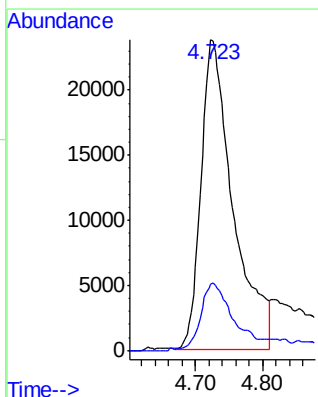
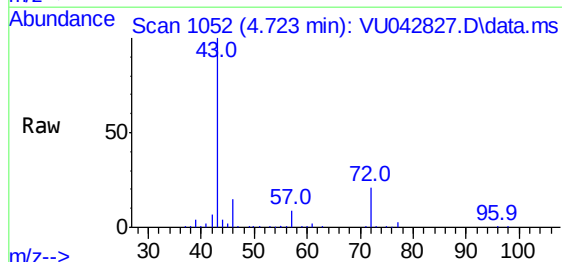
Instrument :
MSVOA_U
ClientSampleId :
VSTD00520

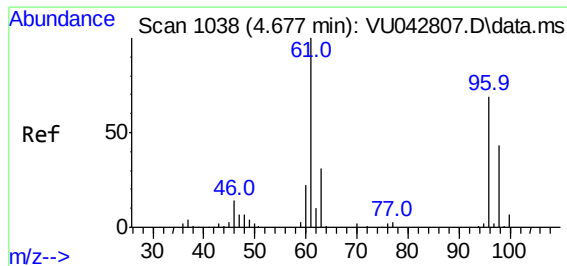
Tgt Ion: 63 Resp: 54122
Ion Ratio Lower Upper
63 100
65 34.5 22.5 41.9
83 14.1 10.1 18.7



#21
2-Butanone
Concen: 34.15 ug/L
RT: 4.723 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VU042827.D
Acq: 29 Mar 2021 19:39

Tgt Ion: 43 Resp: 78850
Ion Ratio Lower Upper
43 100
72 20.8 11.7 35.1



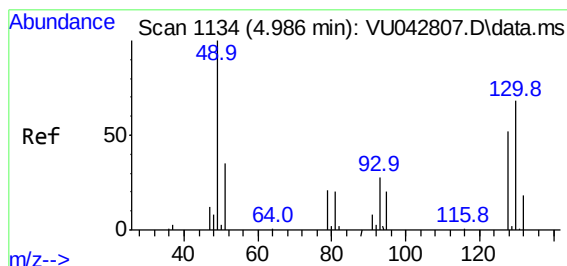
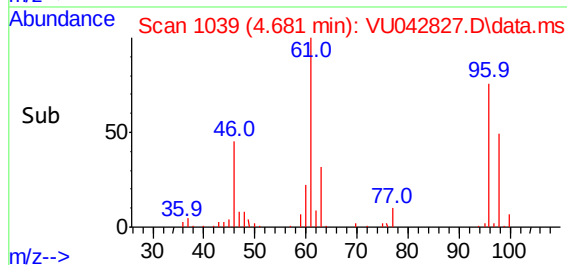
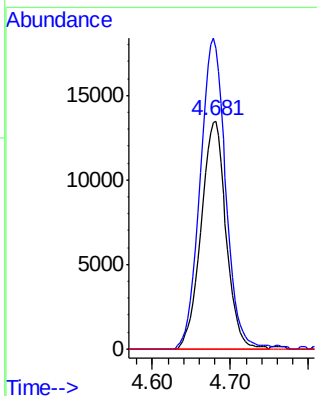
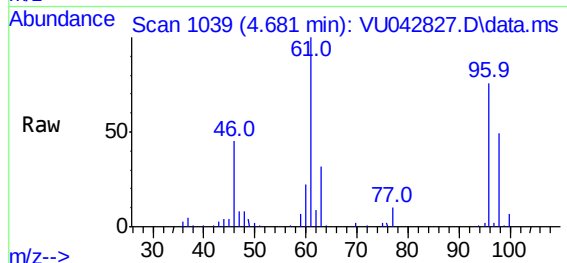


#22
 cis-1,2-Dichloroethene
 Concen: 4.70 ug/L
 RT: 4.681 min Scan# 1039
 Delta R.T. 0.003 min
 Lab File: VU042827.D
 Acq: 29 Mar 2021 19:39

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00520

Tgt Ion: 96 Resp: 29962

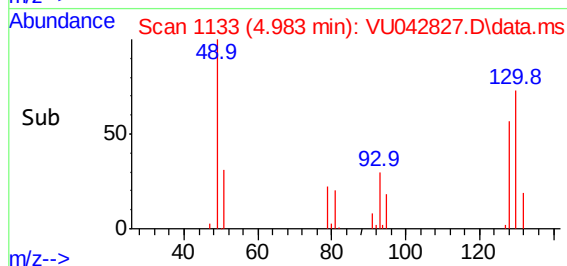
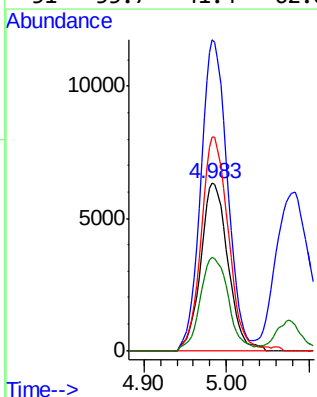
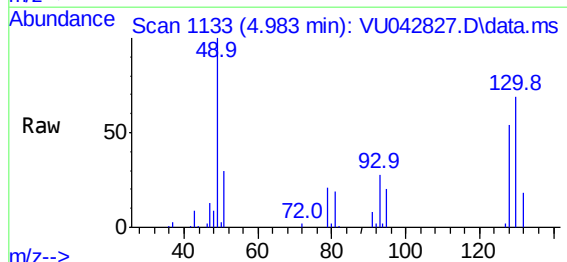
Ion	Ratio	Lower	Upper
96	100		
61	132.0	97.8	181.6
68	0.0	0.0	0.0

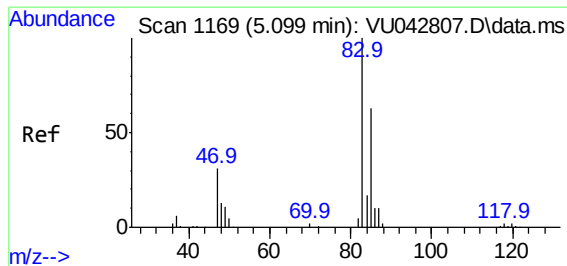


#23
 Bromochloromethane
 Concen: 4.72 ug/L
 RT: 4.983 min Scan# 1133
 Delta R.T. -0.003 min
 Lab File: VU042827.D
 Acq: 29 Mar 2021 19:39

Tgt Ion: 128 Resp: 14307

Ion	Ratio	Lower	Upper
128	100		
49	185.7	117.7	218.7
130	127.8	87.9	163.3
51	55.7	41.4	62.0

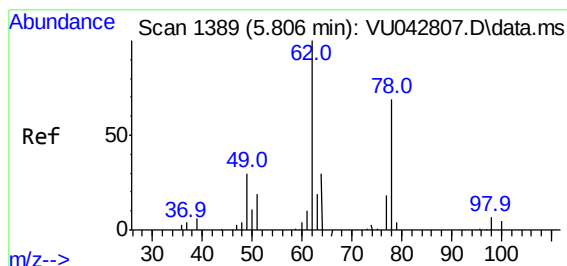
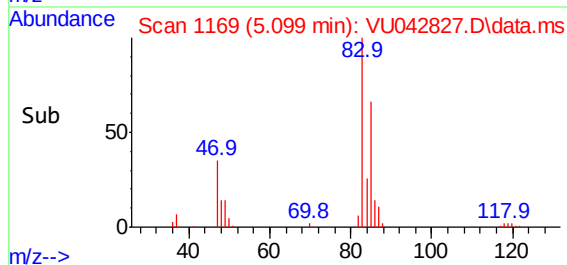
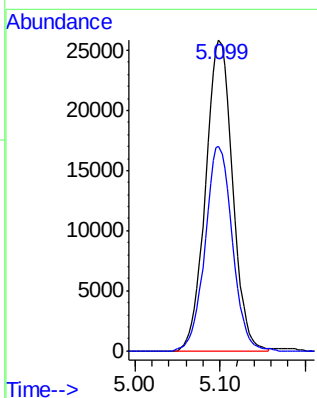
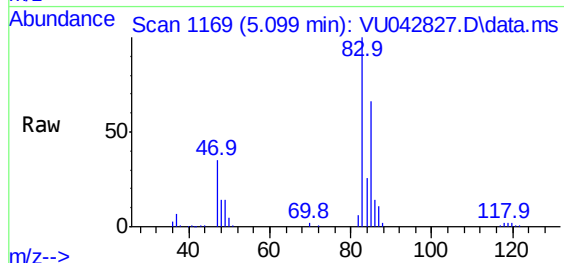




#25
Chloroform
Concen: 4.70 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU042827.D
Acq: 29 Mar 2021 19:39

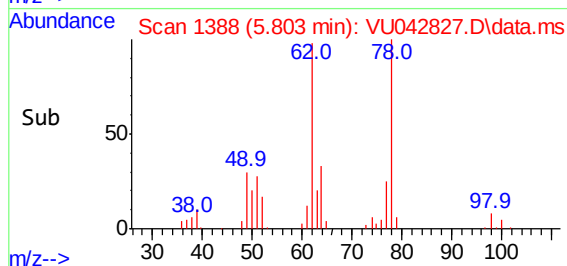
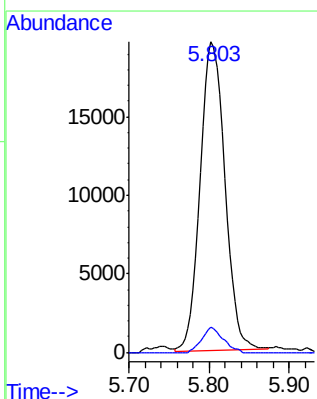
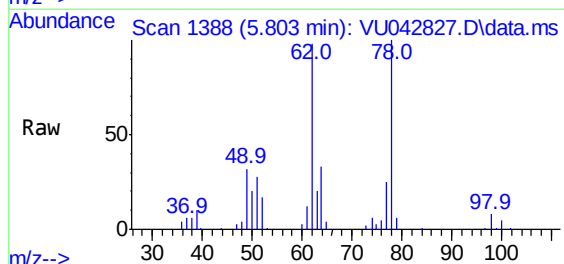
Instrument :
MSVOA_U
ClientSampleId :
VSTD00520

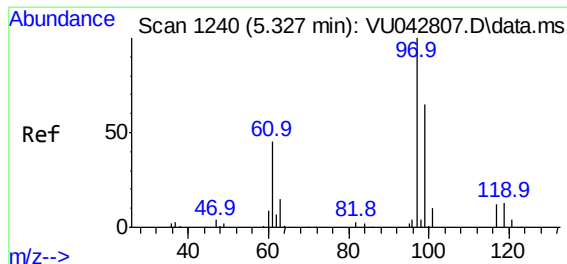
Tgt Ion: 83 Resp: 56780
Ion Ratio Lower Upper
83 100
85 65.9 45.7 84.9



#27
1,2-Dichloroethane
Concen: 4.49 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. -0.003 min
Lab File: VU042827.D
Acq: 29 Mar 2021 19:39

Tgt Ion: 62 Resp: 40689
Ion Ratio Lower Upper
62 100
98 8.0 7.3 10.9

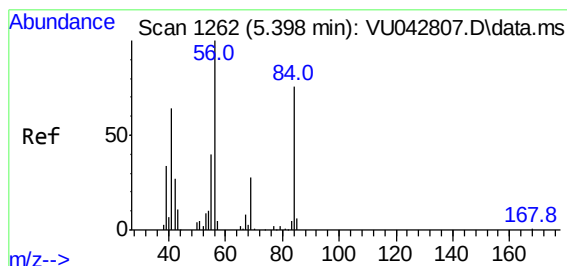
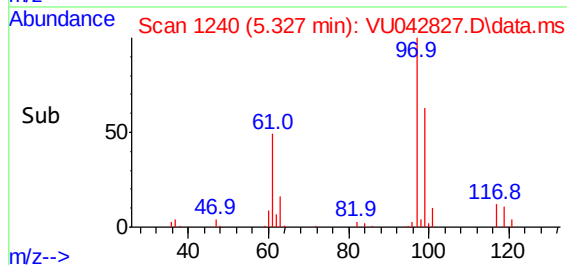
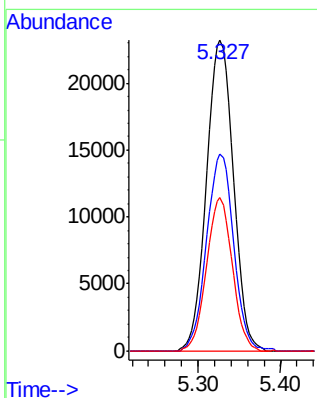
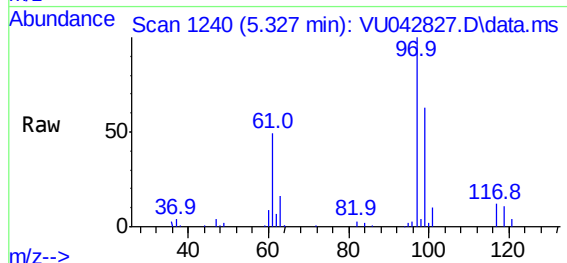




#29
1,1,1-Trichloroethane
Concen: 4.67 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VU042827.D
Acq: 29 Mar 2021 19:39

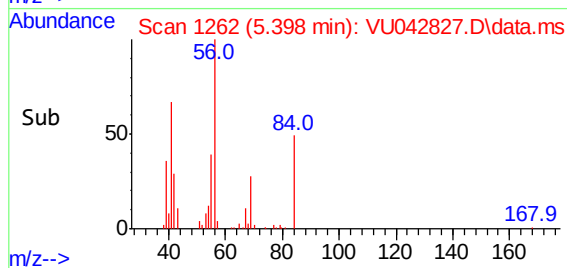
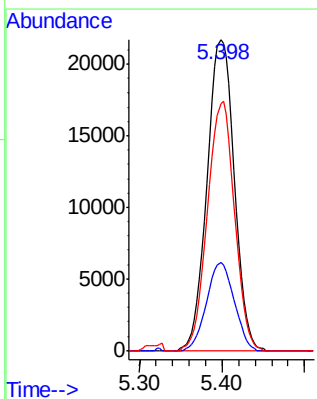
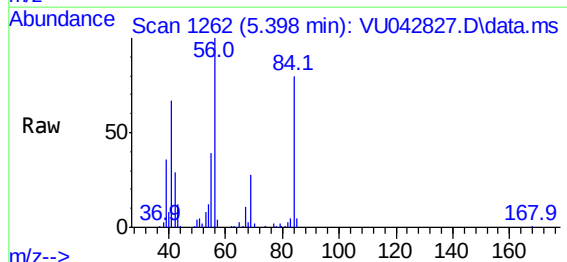
Instrument :
MSVOA_U
ClientSampleId :
VSTD00520

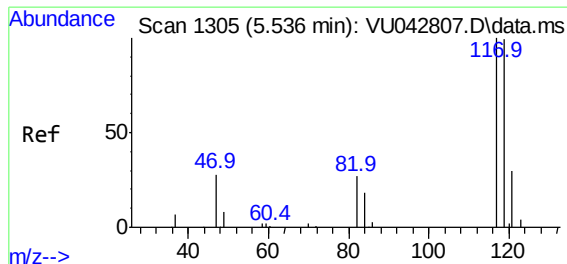
Tgt Ion: 97 Resp: 52286
Ion Ratio Lower Upper
97 100
99 63.7 50.8 76.2
61 47.1 35.8 53.6



#30
Cyclohexane
Concen: 4.42 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VU042827.D
Acq: 29 Mar 2021 19:39

Tgt Ion: 56 Resp: 49422
Ion Ratio Lower Upper
56 100
69 28.7 23.7 35.5
84 79.6 65.3 97.9

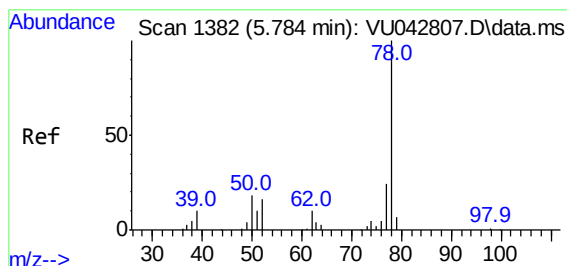
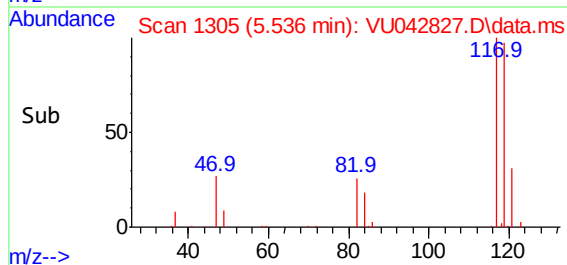
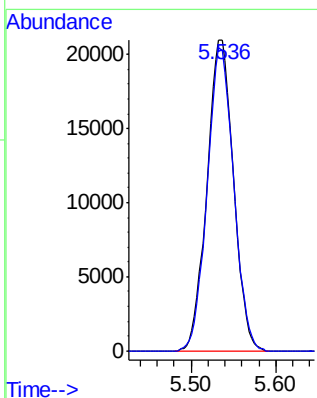
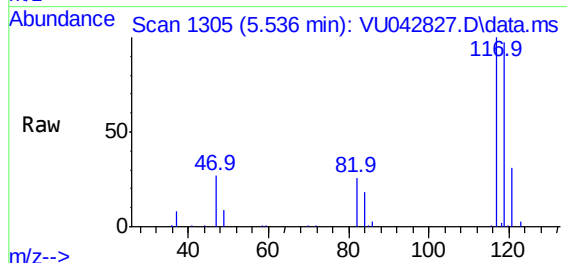




#31
Carbon tetrachloride
Concen: 4.59 ug/L
RT: 5.536 min Scan# 1305
Delta R.T. 0.000 min
Lab File: VU042827.D
Acq: 29 Mar 2021 19:39

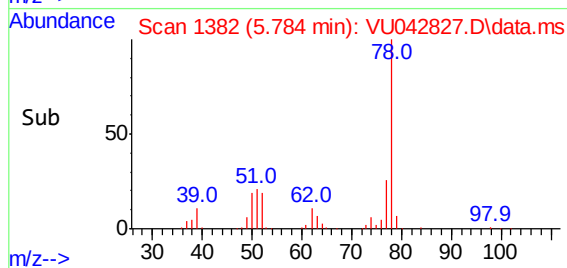
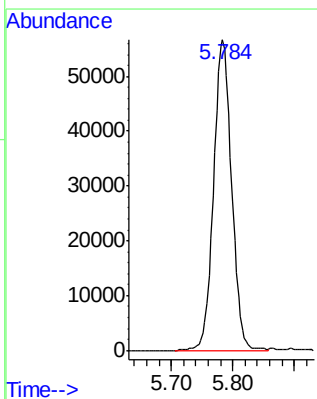
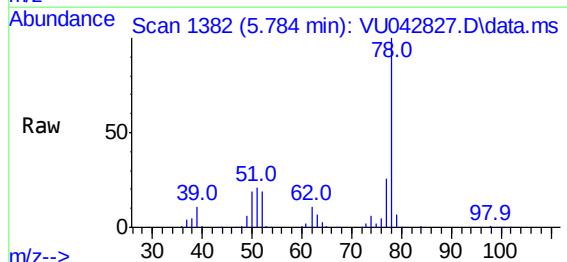
Instrument :
MSVOA_U
ClientSampleId :
VSTD00520

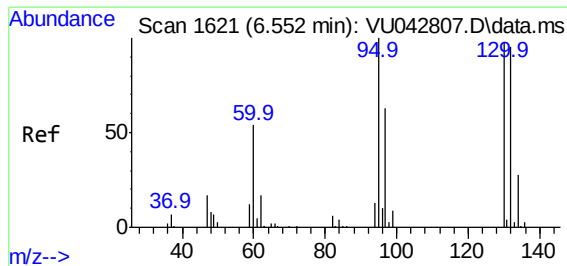
Tgt Ion:117 Resp: 45319
Ion Ratio Lower Upper
117 100
119 97.5 76.2 114.4



#33
Benzene
Concen: 4.61 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VU042827.D
Acq: 29 Mar 2021 19:39

Tgt Ion: 78 Resp: 116197

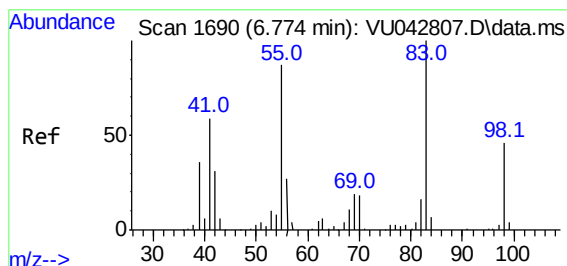
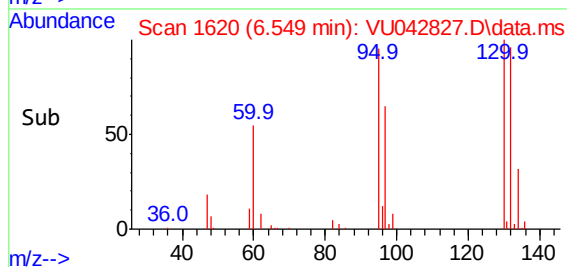
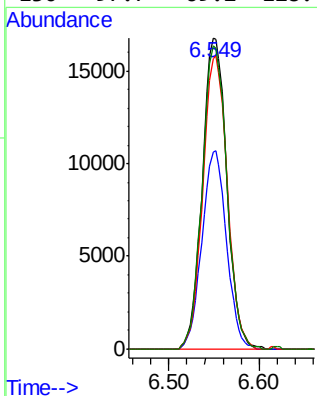
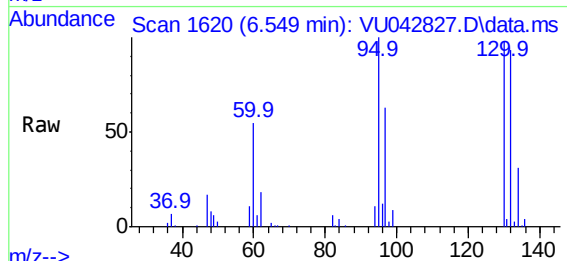




#34
Trichloroethene
Concen: 4.49 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU042827.D
Acq: 29 Mar 2021 19:39

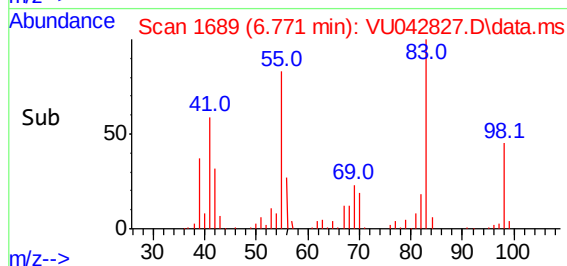
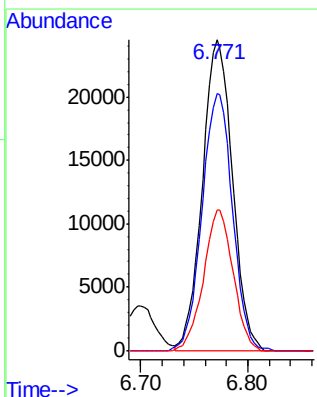
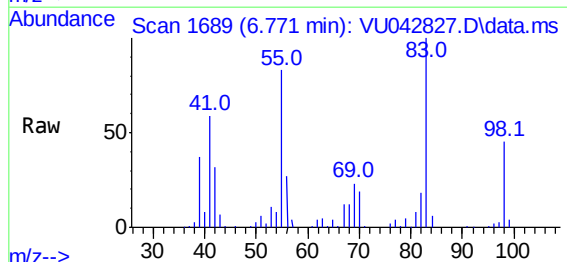
Instrument :
MSVOA_U
ClientSampleId :
VSTD00520

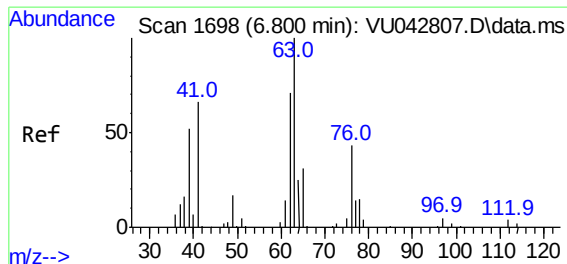
Tgt Ion: 95 Resp: 31380
Ion Ratio Lower Upper
95 100
97 63.5 44.4 82.4
132 93.5 68.0 126.4
130 97.7 69.2 128.4



#35
Methylcyclohexane
Concen: 4.48 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. -0.003 min
Lab File: VU042827.D
Acq: 29 Mar 2021 19:39

Tgt Ion: 83 Resp: 47584
Ion Ratio Lower Upper
83 100
55 83.4 68.2 102.4
98 44.4 39.7 59.5

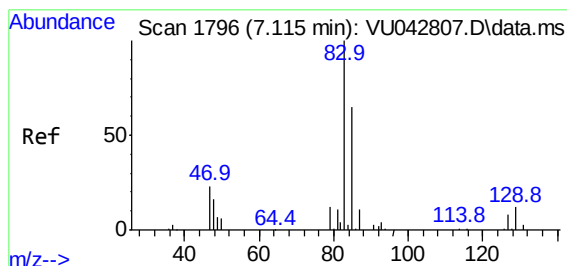
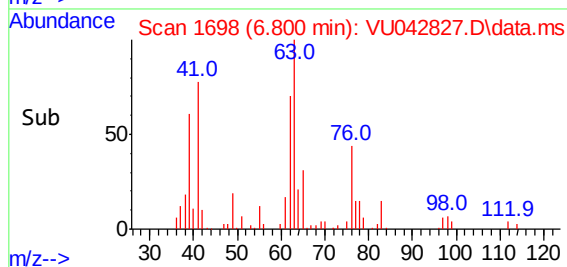
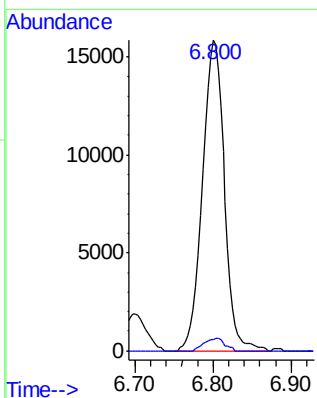
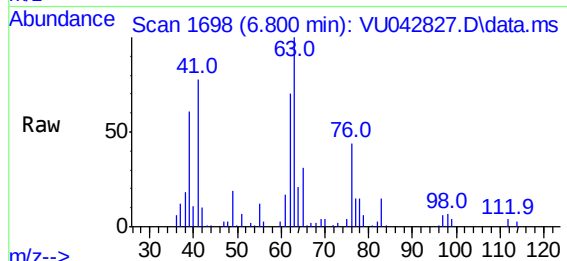




#37
1,2-Dichloropropane
Concen: 4.58 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VU042827.D
Acq: 29 Mar 2021 19:39

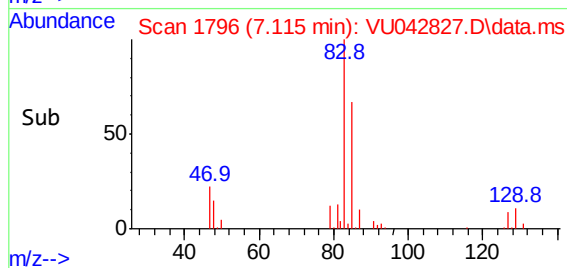
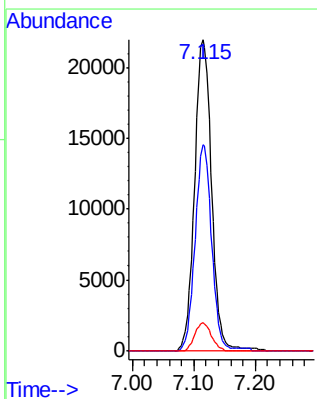
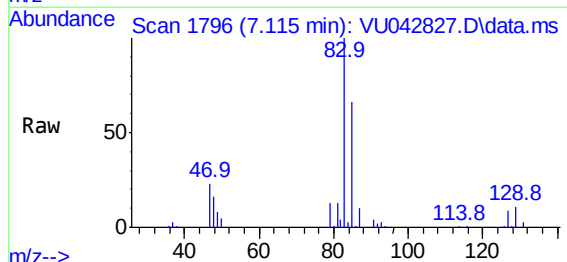
Instrument :
MSVOA_U
ClientSampleId :
VSTD00520

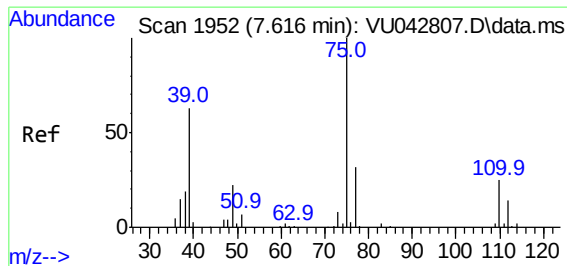
Tgt Ion: 63 Resp: 31163
Ion Ratio Lower Upper
63 100
112 3.8 3.4 5.0



#38
Bromodichloromethane
Concen: 4.72 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VU042827.D
Acq: 29 Mar 2021 19:39

Tgt Ion: 83 Resp: 41873
Ion Ratio Lower Upper
83 100
85 66.1 46.0 85.4
127 8.8 6.8 10.2

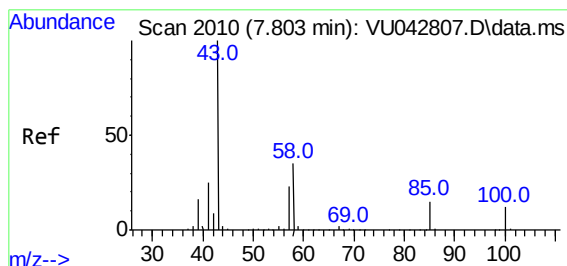
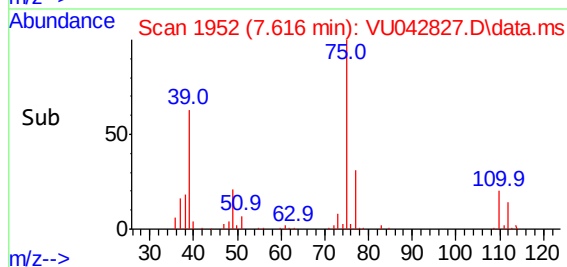
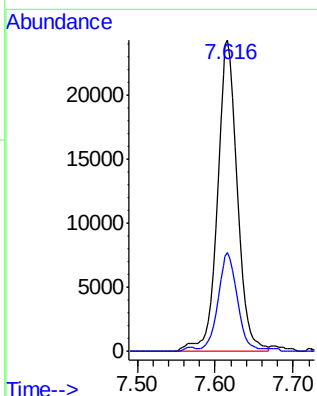
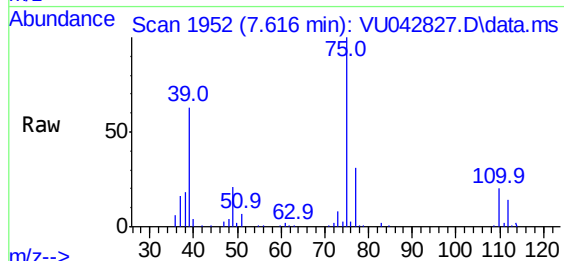




#39
 cis-1,3-Dichloropropene
 Concen: 4.41 ug/L
 RT: 7.616 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VU042827.D
 Acq: 29 Mar 2021 19:39

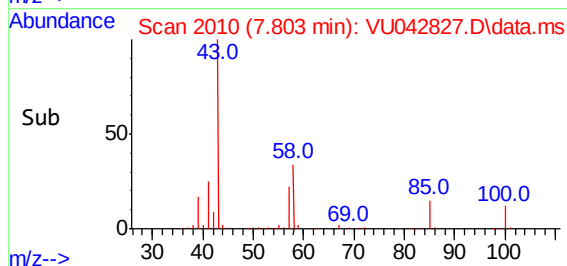
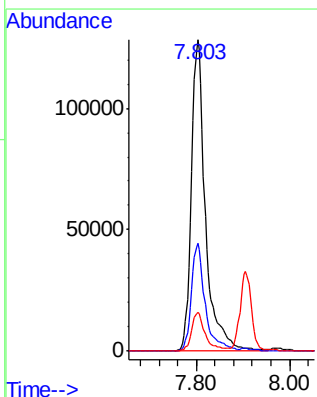
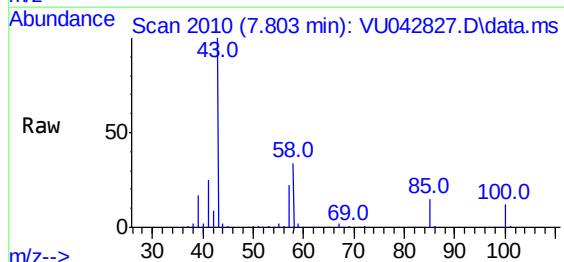
Instrument :
 MSVOA_U
 ClientSampled :
 VSTD00520

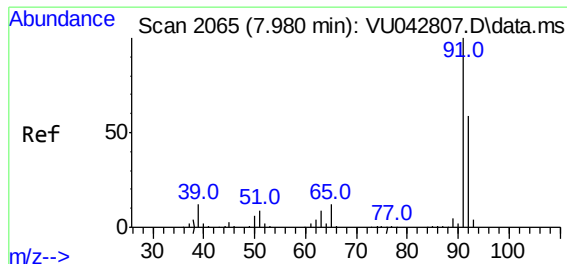
Tgt Ion: 75 Resp: 43672
 Ion Ratio Lower Upper
 75 100
 77 31.5 22.0 40.8



#40
 4-Methyl-2-pentanone
 Concen: 45.12 ug/L
 RT: 7.803 min Scan# 2010
 Delta R.T. 0.000 min
 Lab File: VU042827.D
 Acq: 29 Mar 2021 19:39

Tgt Ion: 43 Resp: 267476
 Ion Ratio Lower Upper
 43 100
 58 33.7 29.1 43.7
 100 11.8 11.0 16.4

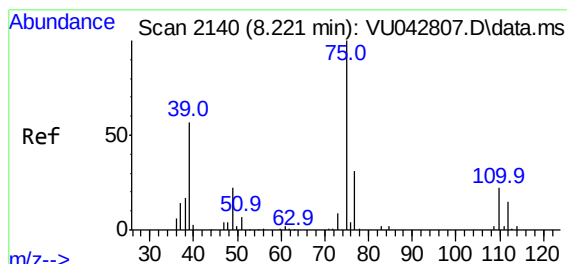
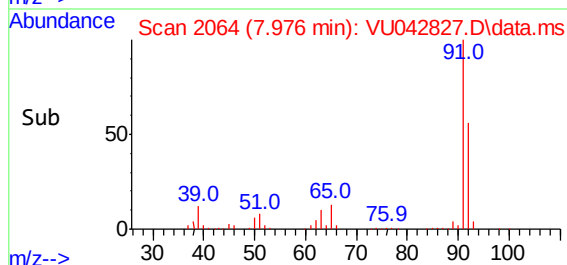
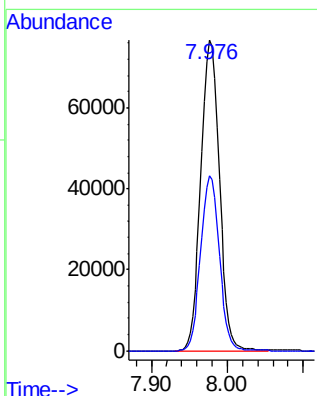
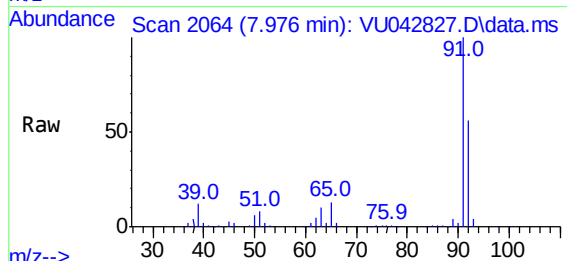




#42
Toluene
Concen: 4.74 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.003 min
Lab File: VU042827.D
Acq: 29 Mar 2021 19:39

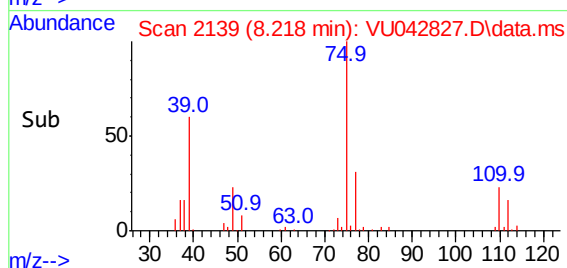
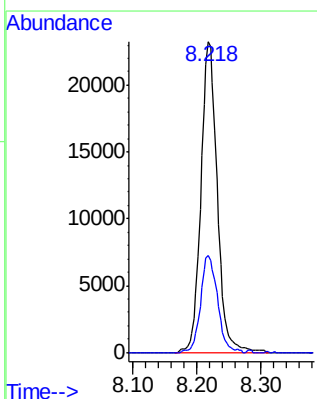
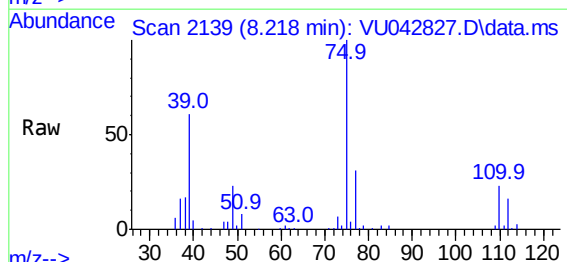
Instrument :
MSVOA_U
ClientSampleId :
VSTD00520

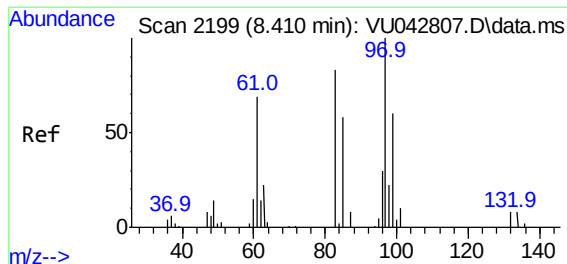
Tgt Ion: 91 Resp: 130103
Ion Ratio Lower Upper
91 100
92 56.2 41.2 76.6



#44
trans-1,3-Dichloropropene
Concen: 4.45 ug/L
RT: 8.218 min Scan# 2139
Delta R.T. -0.003 min
Lab File: VU042827.D
Acq: 29 Mar 2021 19:39

Tgt Ion: 75 Resp: 40701
Ion Ratio Lower Upper
75 100
77 31.3 21.8 40.4



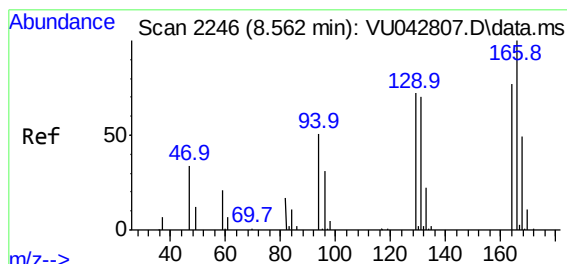
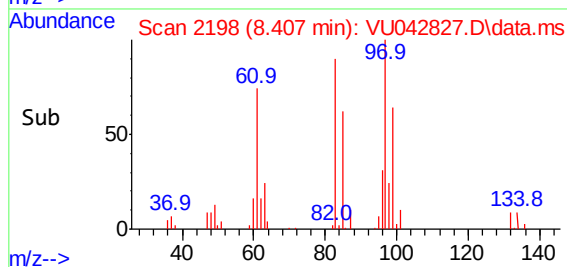
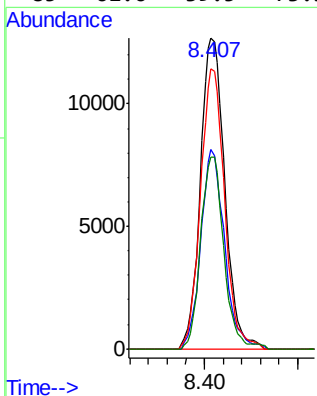
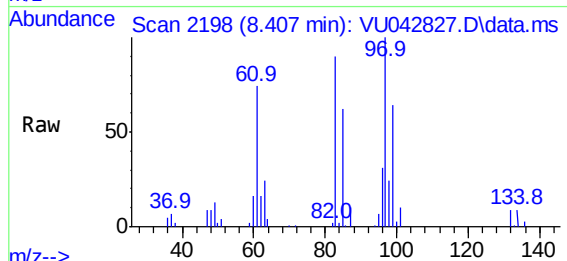


#45
1,1,2-Trichloroethane
Concen: 4.60 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. -0.003 min
Lab File: VU042827.D
Acq: 29 Mar 2021 19:39

Instrument :
MSVOA_U
ClientSampleId :
VSTD00520

Tgt Ion: 97 Resp: 23067

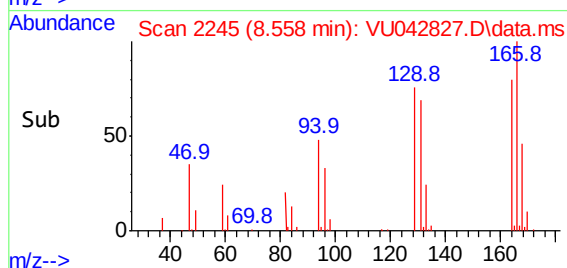
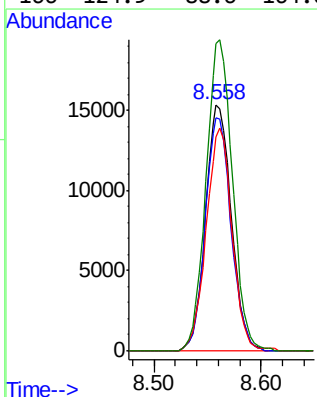
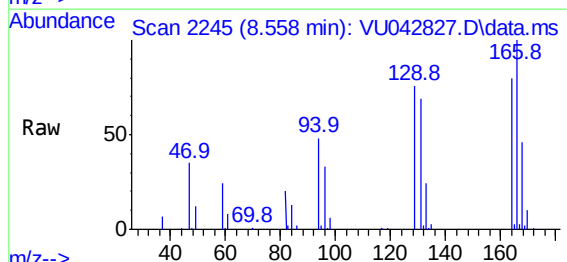
Ion	Ratio	Lower	Upper
97	100		
99	64.3	44.0	81.8
83	90.0	57.6	107.0
85	61.6	39.5	73.3

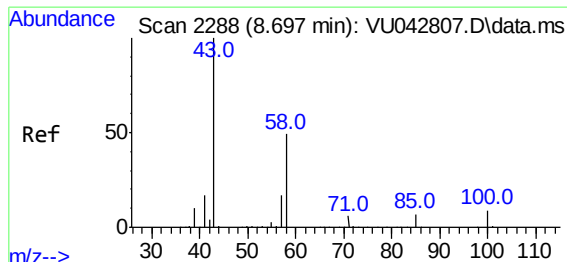


#47
Tetrachloroethene
Concen: 4.47 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VU042827.D
Acq: 29 Mar 2021 19:39

Tgt Ion: 164 Resp: 25437

Ion	Ratio	Lower	Upper
164	100		
129	94.6	64.3	119.5
131	86.5	62.2	115.6
166	124.9	88.6	164.6



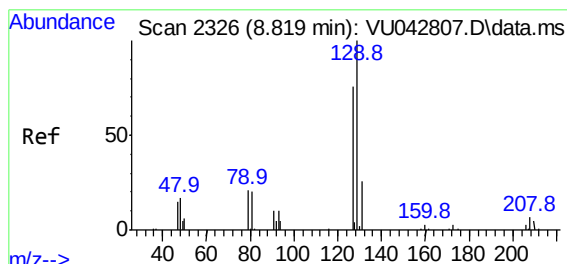
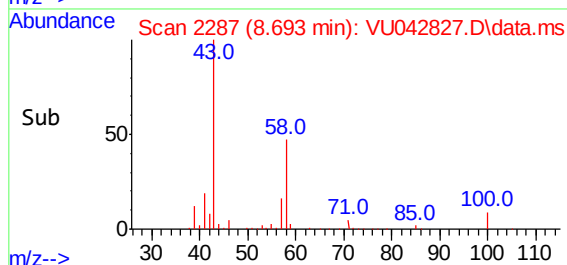
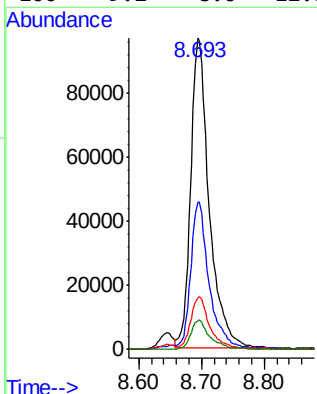
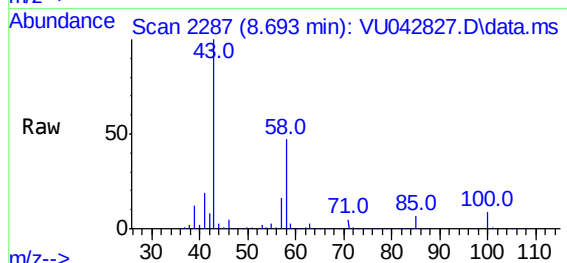


#48
2-Hexanone
Concen: 45.25 ug/L
RT: 8.693 min Scan# 2287
Delta R.T. -0.003 min
Lab File: VU042827.D
Acq: 29 Mar 2021 19:39

Instrument :
MSVOA_U
ClientSampleId :
VSTD00520

Tgt Ion: 43 Resp: 197868

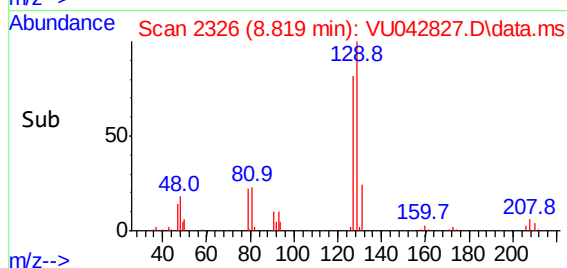
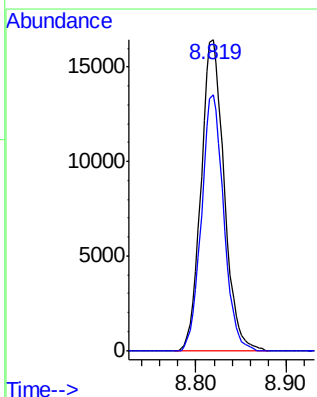
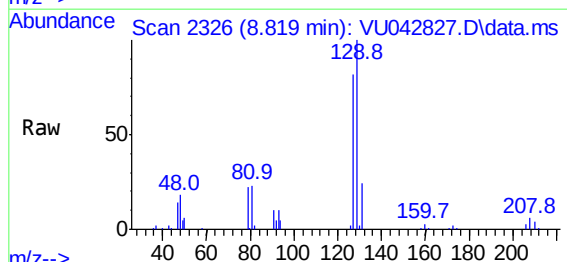
Ion	Ratio	Lower	Upper
43	100		
58	48.0	40.6	61.0
57	17.2	14.9	22.3
100	9.2	8.6	12.8

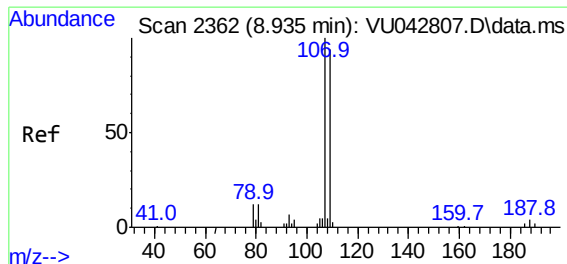


#49
Dibromochloromethane
Concen: 4.62 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VU042827.D
Acq: 29 Mar 2021 19:39

Tgt Ion: 129 Resp: 29002

Ion	Ratio	Lower	Upper
129	100		
127	82.5	52.3	97.1

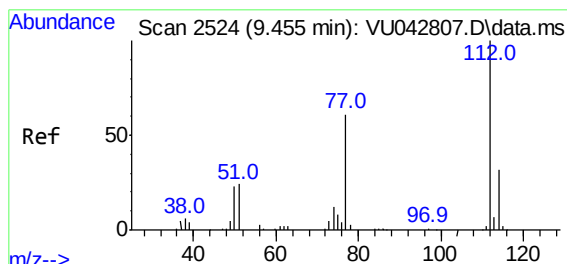
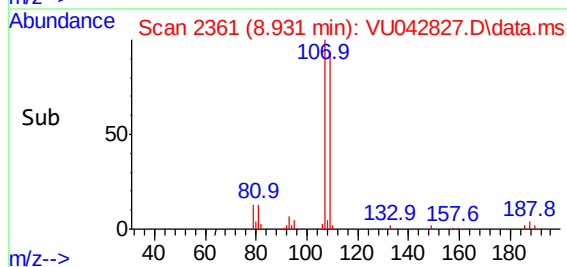
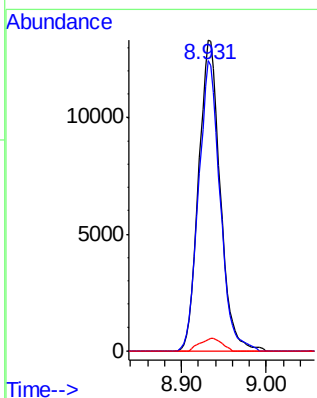
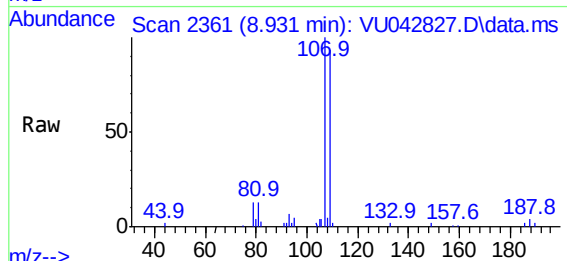




#50
1,2-Dibromoethane
Concen: 4.71 ug/L
RT: 8.931 min Scan# 2361
Delta R.T. -0.003 min
Lab File: VU042827.D
Acq: 29 Mar 2021 19:39

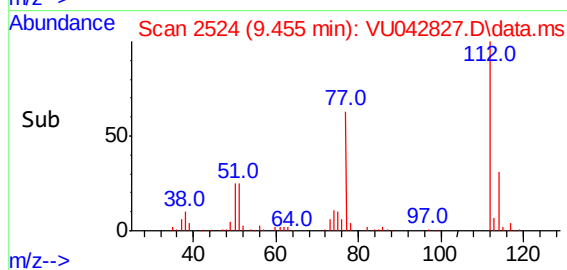
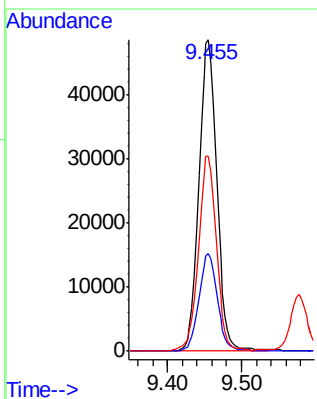
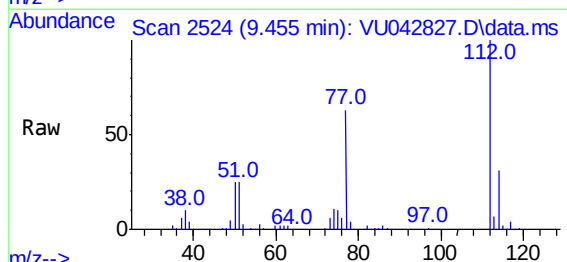
Instrument :
MSVOA_U
ClientSampleId :
VSTD00520

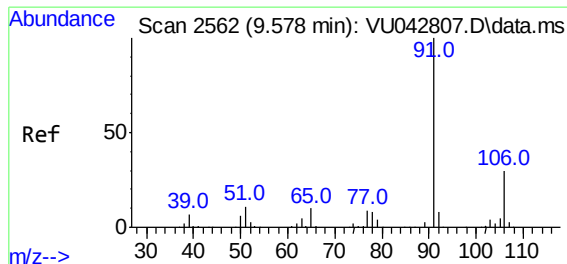
Tgt Ion:107 Resp: 23288
Ion Ratio Lower Upper
107 100
109 93.3 65.5 121.6
188 3.7 3.4 5.2



#51
Chlorobenzene
Concen: 4.63 ug/L
RT: 9.455 min Scan# 2524
Delta R.T. 0.000 min
Lab File: VU042827.D
Acq: 29 Mar 2021 19:39

Tgt Ion:112 Resp: 81211
Ion Ratio Lower Upper
112 100
114 31.3 22.0 41.0
77 62.5 49.8 74.6

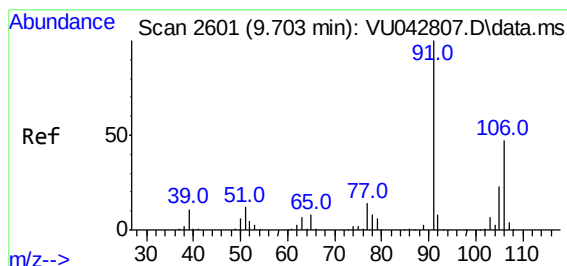
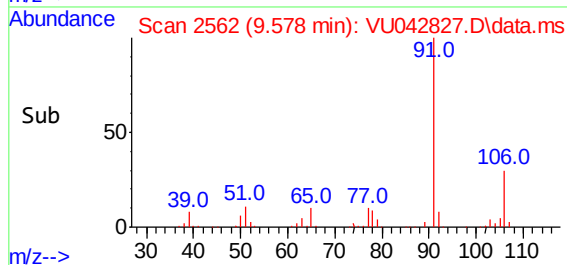
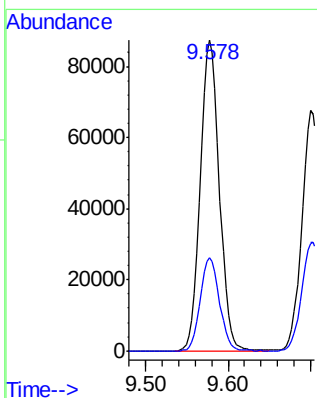
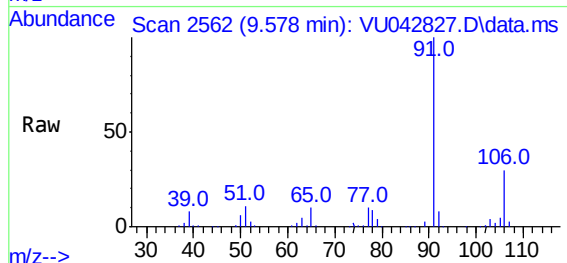




#52
Ethylbenzene
Concen: 4.56 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU042827.D
Acq: 29 Mar 2021 19:39

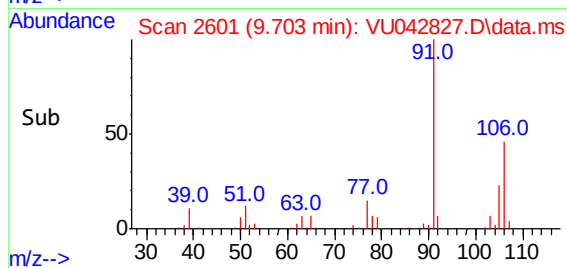
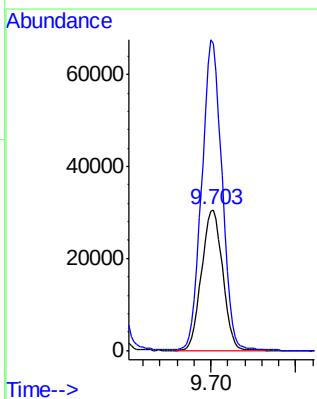
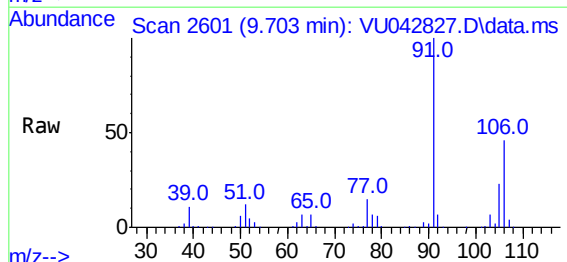
Instrument :
MSVOA_U
ClientSampleId :
VSTD00520

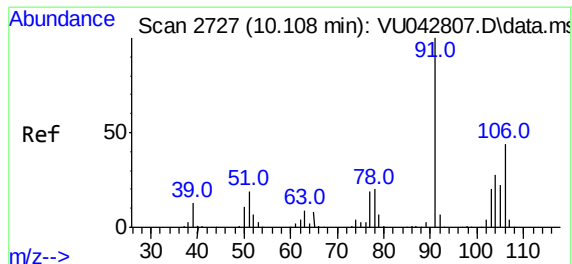
Tgt Ion: 91 Resp: 141167
Ion Ratio Lower Upper
91 100
106 30.1 21.1 39.3



#53
m,p-Xylene
Concen: 4.58 ug/L
RT: 9.703 min Scan# 2601
Delta R.T. 0.000 min
Lab File: VU042827.D
Acq: 29 Mar 2021 19:39

Tgt Ion: 106 Resp: 52406
Ion Ratio Lower Upper
106 100
91 218.3 145.1 269.5

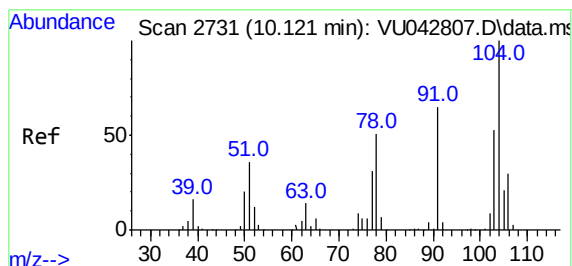
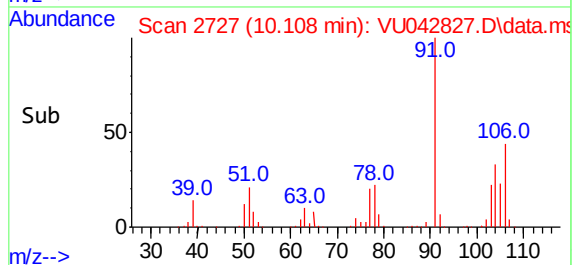
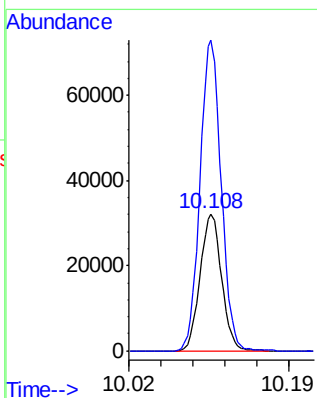
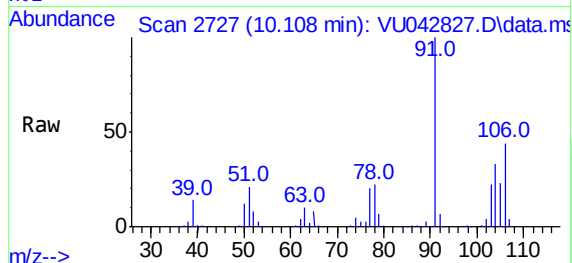




#54
o-Xylene
Concen: 4.64 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU042827.D
Acq: 29 Mar 2021 19:39

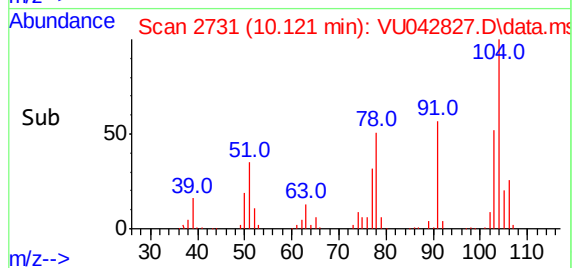
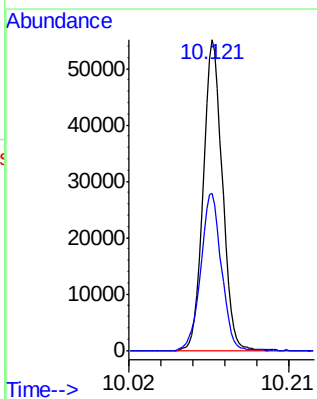
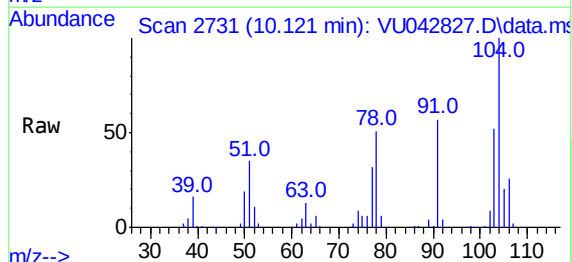
Instrument :
MSVOA_U
ClientSampleId :
VSTD00520

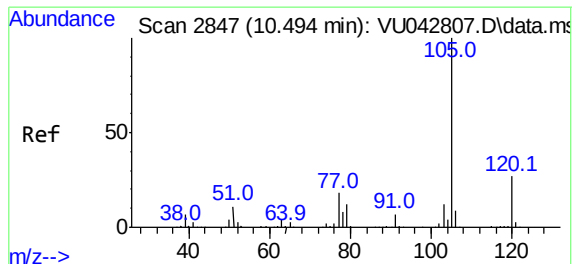
Tgt Ion:106 Resp: 51467
Ion Ratio Lower Upper
106 100
91 226.5 153.0 284.2



#55
Styrene
Concen: 4.69 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. 0.000 min
Lab File: VU042827.D
Acq: 29 Mar 2021 19:39

Tgt Ion:104 Resp: 88320
Ion Ratio Lower Upper
104 100
78 50.8 34.9 64.7

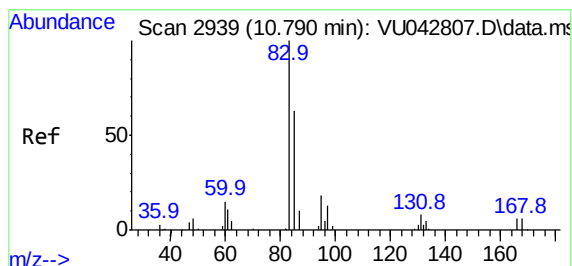
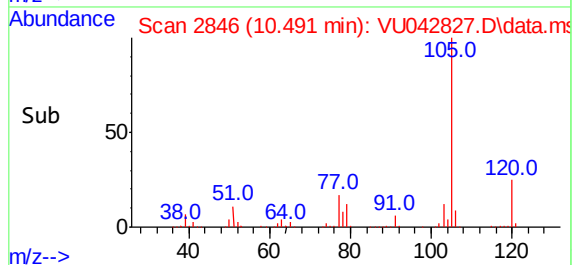
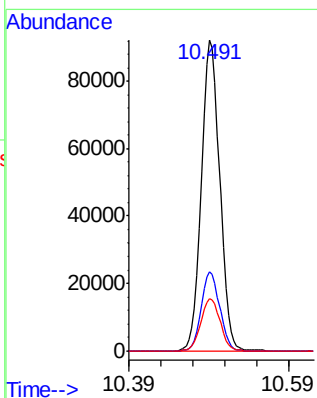
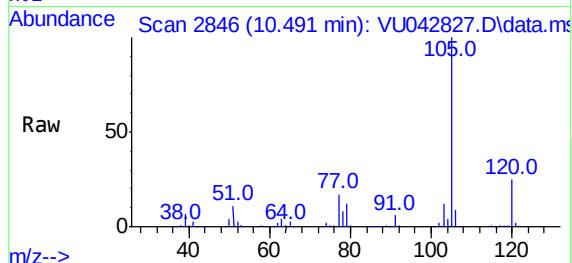




#56
Isopropylbenzene
Concen: 4.66 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. -0.003 min
Lab File: VU042827.D
Acq: 29 Mar 2021 19:39

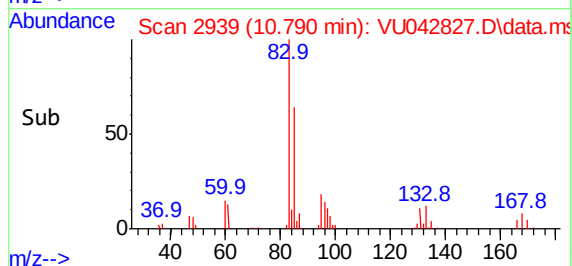
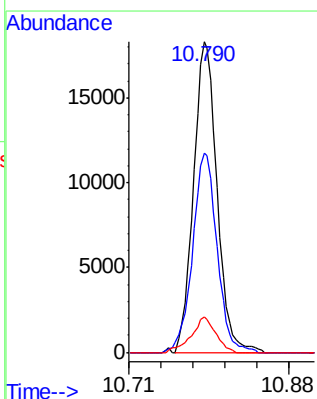
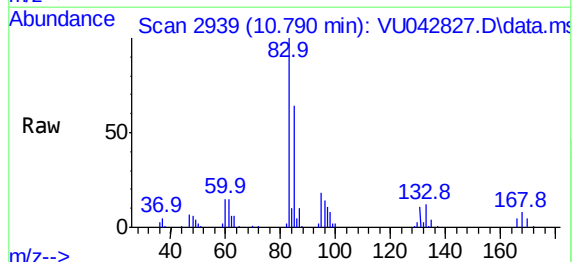
Instrument :
MSVOA_U
ClientSampleId :
VSTD00520

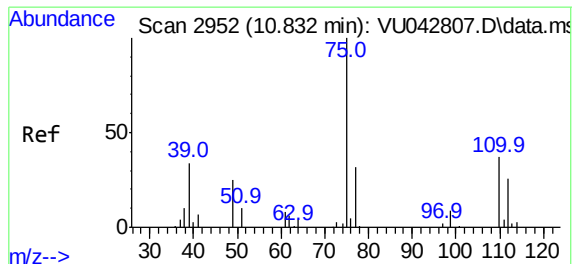
Tgt Ion:105 Resp: 142132
Ion Ratio Lower Upper
105 100
120 25.4 20.8 31.2
77 17.4 13.4 20.0



#58
1,1,2,2-Tetrachloroethane
Concen: 4.45 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. 0.000 min
Lab File: VU042827.D
Acq: 29 Mar 2021 19:39

Tgt Ion: 83 Resp: 29902
Ion Ratio Lower Upper
83 100
85 64.2 44.4 82.4
131 11.5 8.6 12.8

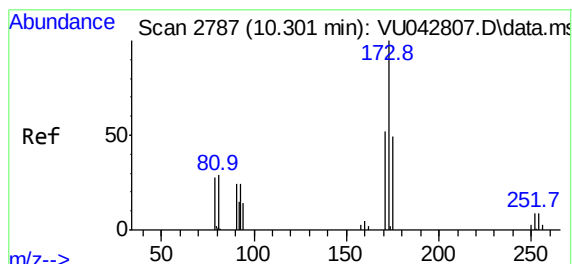
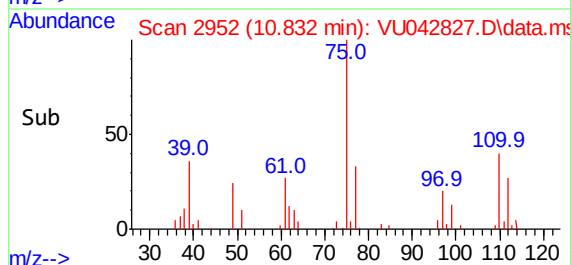
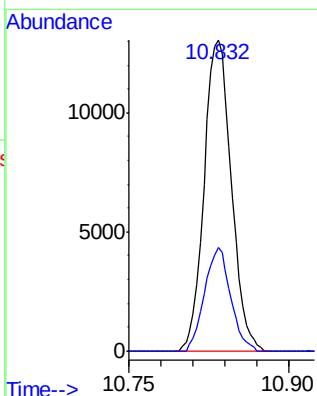
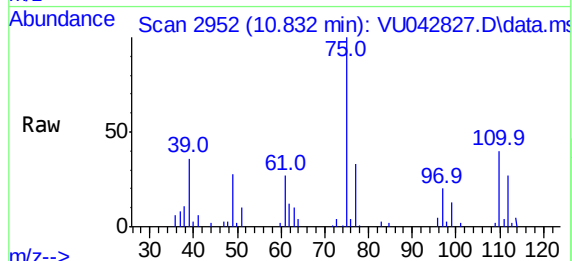




#59
1,2,3-Trichloropropane
Concen: 4.34 ug/L
RT: 10.832 min Scan# 2952
Delta R.T. 0.000 min
Lab File: VU042827.D
Acq: 29 Mar 2021 19:39

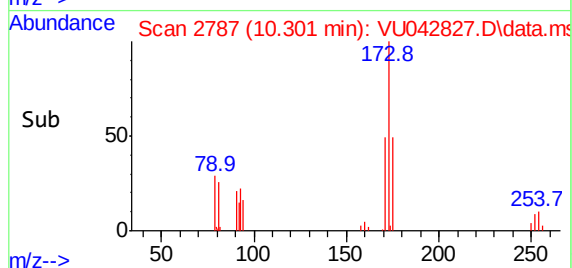
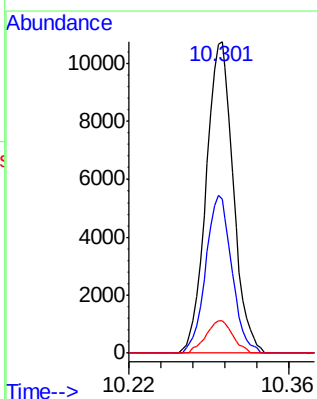
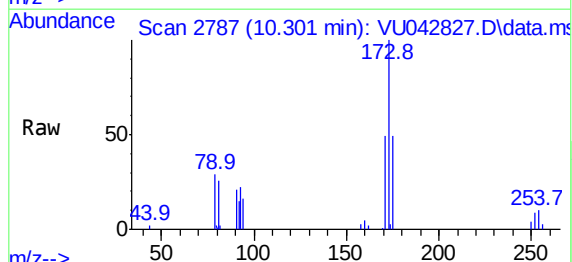
Instrument :
MSVOA_U
ClientSampleId :
VSTD00520

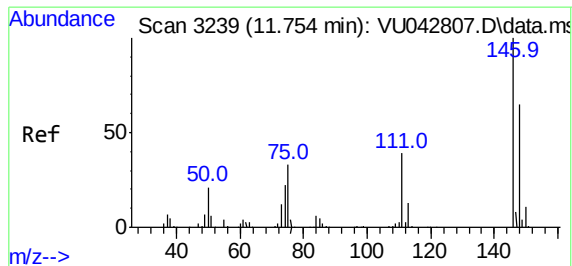
Tgt Ion: 75 Resp: 22158
Ion Ratio Lower Upper
75 100
77 31.7 26.0 39.0



#61
Bromoform
Concen: 4.56 ug/L
RT: 10.301 min Scan# 2787
Delta R.T. 0.000 min
Lab File: VU042827.D
Acq: 29 Mar 2021 19:39

Tgt Ion:173 Resp: 18159
Ion Ratio Lower Upper
173 100
175 48.7 38.7 58.1
254 9.8 7.9 11.9

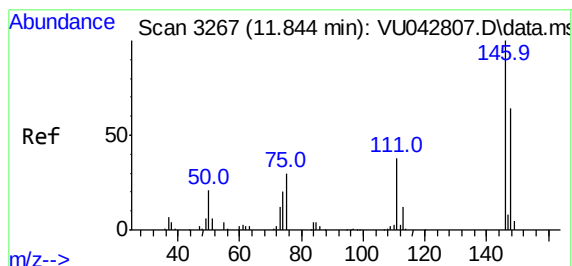
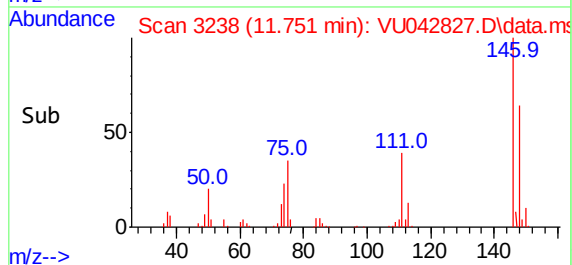
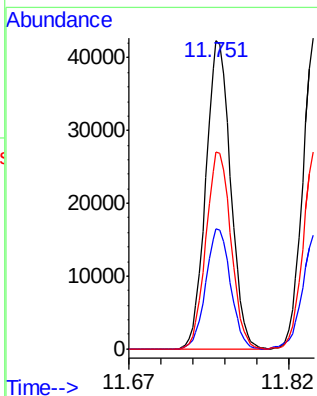
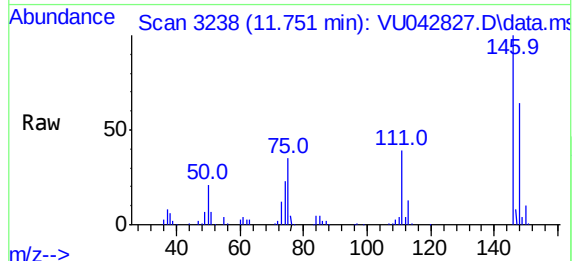




#62
1,3-Dichlorobenzene
Concen: 4.44 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. -0.003 min
Lab File: VU042827.D
Acq: 29 Mar 2021 19:39

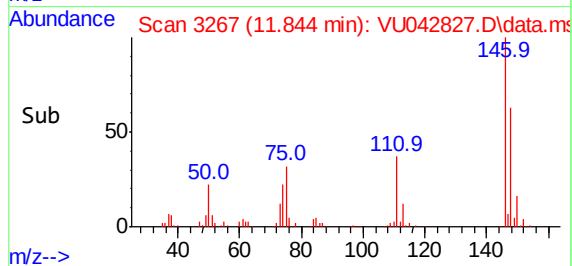
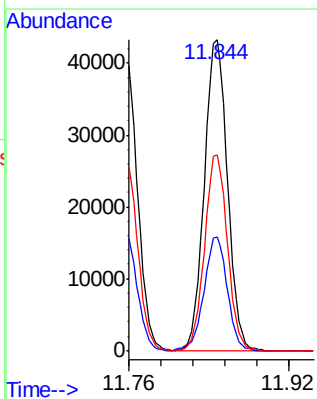
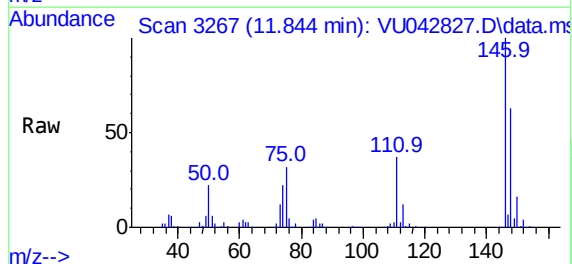
Instrument :
MSVOA_U
ClientSampleId :
VSTD00520

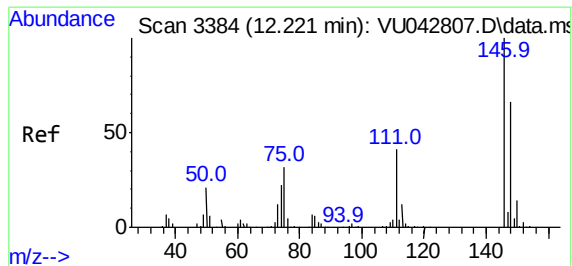
Tgt Ion:146 Resp: 67514
Ion Ratio Lower Upper
146 100
111 39.2 27.2 50.4
148 63.8 44.6 82.8



#63
1,4-Dichlorobenzene
Concen: 4.59 ug/L
RT: 11.844 min Scan# 3267
Delta R.T. 0.000 min
Lab File: VU042827.D
Acq: 29 Mar 2021 19:39

Tgt Ion:146 Resp: 69618
Ion Ratio Lower Upper
146 100
111 36.6 25.8 47.8
148 62.9 44.1 81.9

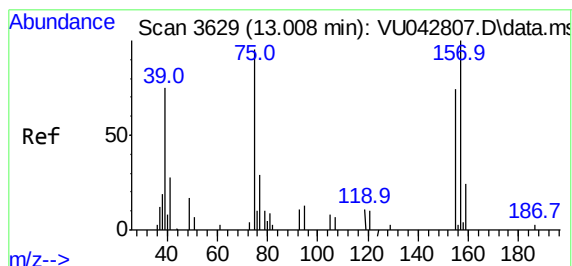
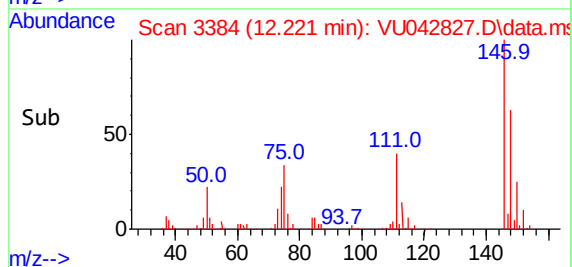
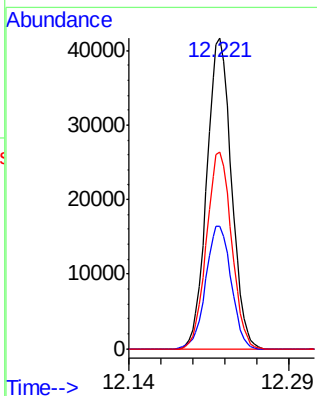
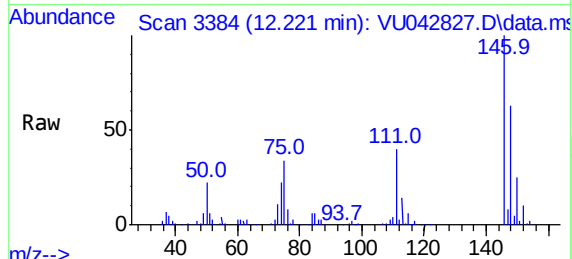




#65
1,2-Dichlorobenzene
Concen: 4.51 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. 0.000 min
Lab File: VU042827.D
Acq: 29 Mar 2021 19:39

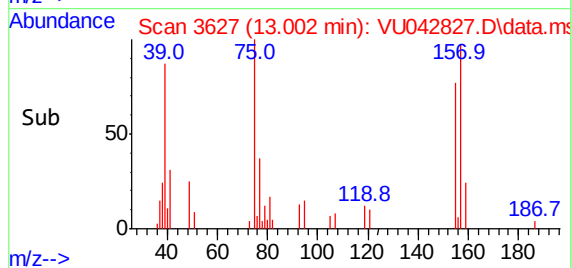
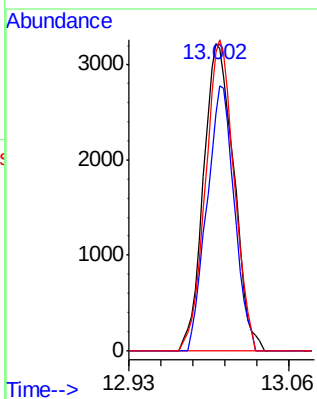
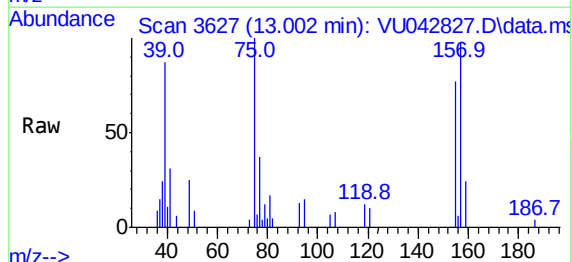
Instrument :
MSVOA_U
ClientSampleId :
VSTD00520

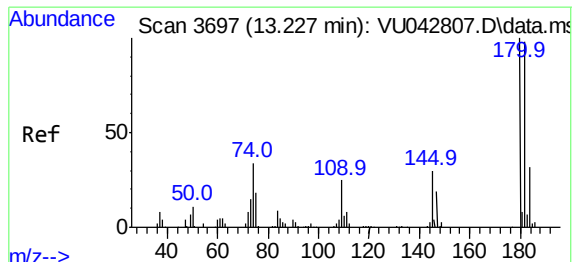
Tgt Ion:146 Resp: 65977
Ion Ratio Lower Upper
146 100
111 39.7 32.7 49.1
148 63.5 51.7 77.5



#66
1,2-Dibromo-3-chloropropane
Concen: 4.37 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. -0.006 min
Lab File: VU042827.D
Acq: 29 Mar 2021 19:39

Tgt Ion: 75 Resp: 5375
Ion Ratio Lower Upper
75 100
155 77.0 69.0 103.6
157 97.1 91.0 136.6



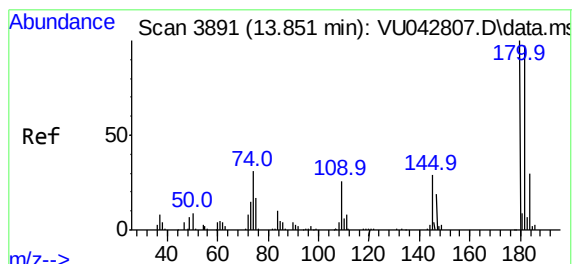
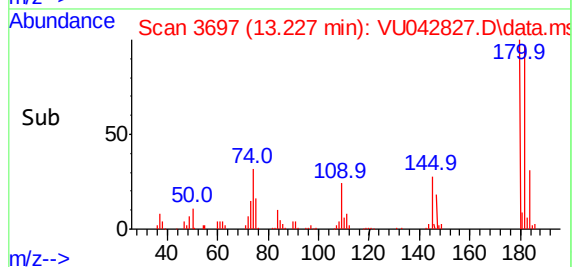
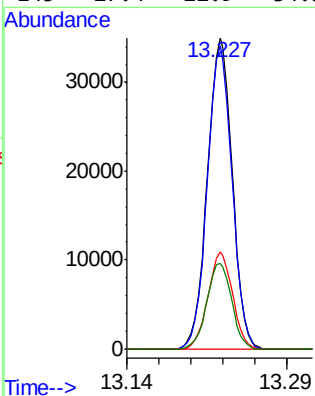
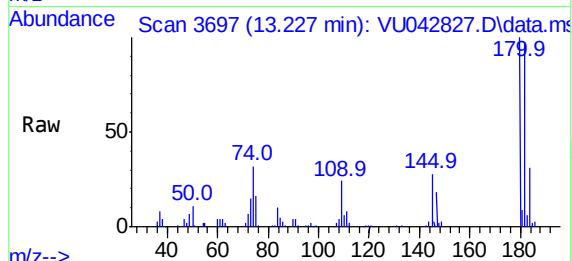


#67
 1,3,5-Trichlorobenzene
 Concen: 4.12 ug/L
 RT: 13.227 min Scan# 3697
 Delta R.T. 0.000 min
 Lab File: VU042827.D
 Acq: 29 Mar 2021 19:39

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00520

Tgt Ion:180 Resp: 54316

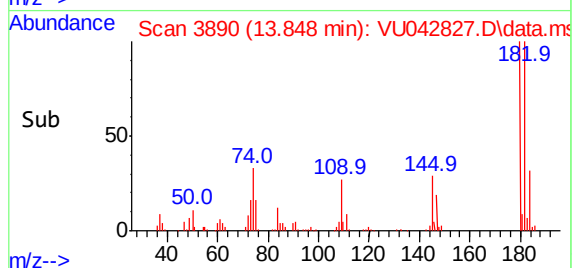
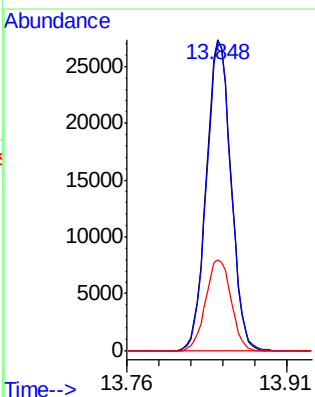
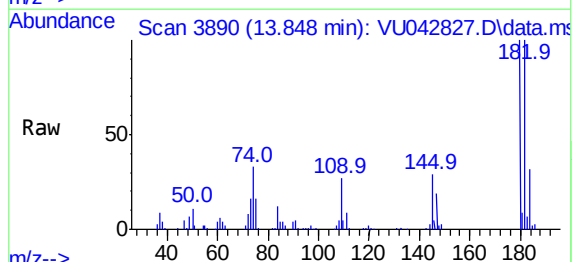
Ion	Ratio	Lower	Upper
180	100		
182	96.8	76.4	114.6
184	30.7	23.9	35.9
145	27.4	22.9	34.3

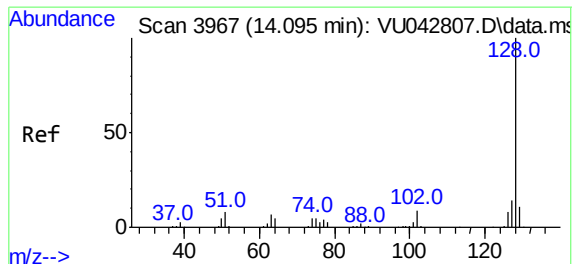


#68
 1,2,4-trichlorobenzene
 Concen: 3.96 ug/L
 RT: 13.848 min Scan# 3890
 Delta R.T. -0.003 min
 Lab File: VU042827.D
 Acq: 29 Mar 2021 19:39

Tgt Ion:180 Resp: 43265

Ion	Ratio	Lower	Upper
180	100		
182	98.9	76.3	114.5
145	30.0	23.7	35.5

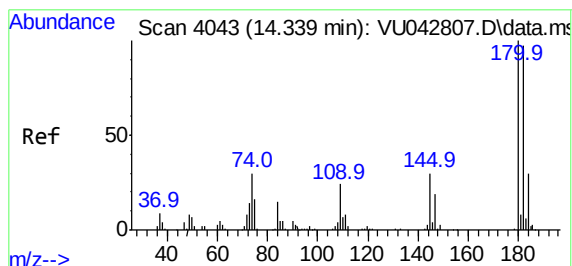
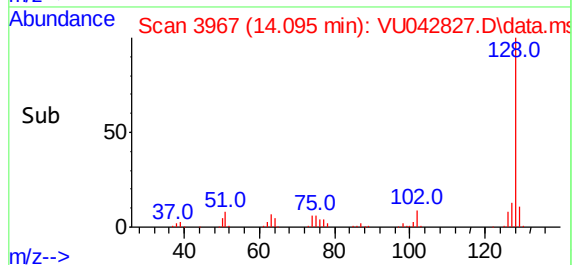
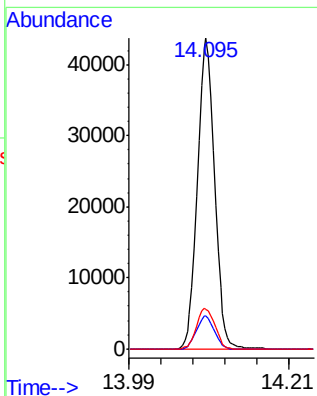
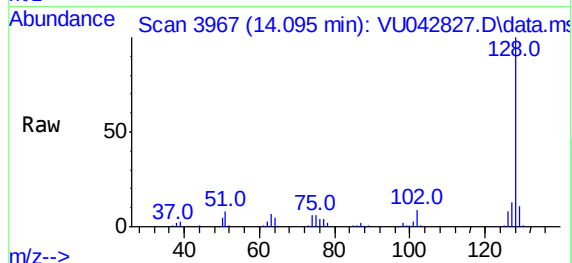




#69
Naphthalene
Concen: 3.99 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU042827.D
Acq: 29 Mar 2021 19:39

Instrument :
MSVOA_U
ClientSampleId :
VSTD00520

Tgt Ion:128 Resp: 70716
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 13.8 10.6 15.8



#70
1,2,3-Trichlorobenzene
Concen: 4.20 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. -0.003 min
Lab File: VU042827.D
Acq: 29 Mar 2021 19:39

Tgt Ion:180 Resp: 41645
Ion Ratio Lower Upper
180 100
182 95.4 75.6 113.4
145 29.6 24.7 37.1

