

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070221\
 Data File : VU044306.D
 Acq On : 02 Jul 2021 16:17
 Operator : SY/MD
 Sample : M2914-07MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBK45MSD

Quant Time: Jul 03 05:01:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 03 04:56:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	140477	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	131949	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	71970	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	25385	3.338	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.800%
7) Chloroethane-d5	1.919	69	30166	4.028	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.600%
11) 1,1-Dichloroethene-d2	2.575	65	14250	3.650	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.000%
20) 2-Butanone-d5	4.642	46	135237	48.285	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.580%
24) Chloroform-d	5.073	84	76983	4.496	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
26) 1,2-Dichloroethane-d4	5.710	65	42647	4.167	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.400%
32) Benzene-d6	5.735	84	142048	4.334	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
36) 1,2-Dichloropropane-d6	6.700	67	47762	4.497	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.000%
41) Toluene-d8	7.906	98	133669	4.396	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
43) trans-1,3-Dichloroprop...	8.185	79	19468	3.952	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.000%
46) 2-Hexanone-d5	8.642	63	115680	49.303	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.600%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	43366	4.593	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.800%
66) 1,2-Dichlorobenzene-d4	12.198	152	55917	4.716	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	36205	4.376	ug/L	99
3) Chloromethane	1.523	50	42186	4.409	ug/L	98
5) Vinyl chloride	1.607	62	46316	4.665	ug/L	# 54
6) Bromomethane	1.864	94	25141	3.949	ug/L	99
8) Chloroethane	1.941	64	34527	5.111	ug/L	86
9) Trichlorofluoromethane	2.144	101	75441	5.442	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	43522	5.230	ug/L	98
12) 1,1-Dichloroethene	2.587	96	38385	4.732	ug/L	96
13) Acetone	2.645	43	81378	64.983	ug/L	93
14) Carbon disulfide	2.800	76	97011	3.883	ug/L	99
15) Methyl Acetate	2.964	43	18609	5.289	ug/L	96
16) Methylene chloride	3.054	84	43539	3.983	ug/L	99
17) Methyl tert-butyl Ether	3.375	73	121849	5.065	ug/L	99
18) trans-1,2-Dichloroethene	3.362	96	40918	4.739	ug/L	99
19) 1,1-Dichloroethane	3.880	63	83487	5.070	ug/L	100
21) 2-Butanone	4.719	43	152191	53.494	ug/L	100
22) cis-1,2-Dichloroethene	4.677	96	48643	5.149	ug/L	93
23) Bromochloromethane	4.986	128	22290	5.180	ug/L	89
25) Chloroform	5.099	83	86713	4.932	ug/L	100

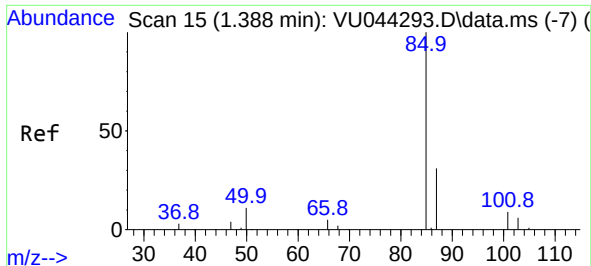
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070221\
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 03 04:56:00 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	57748	4.927	ug/L	96
29) 1,1,1-Trichloroethane	5.327	97	78690	5.294	ug/L	99
30) Cyclohexane	5.398	56	69309	4.520	ug/L	96
31) Carbon tetrachloride	5.533	117	67789	5.352	ug/L	100
33) Benzene	5.783	78	177993	5.142	ug/L	100
34) Trichloroethene	6.549	95	45779	4.883	ug/L	97
35) Methylcyclohexane	6.771	83	74066	4.785	ug/L	97
37) 1,2-Dichloropropane	6.800	63	48817	5.340	ug/L	99
38) Bromodichloromethane	7.115	83	66281	5.157	ug/L	99
39) cis-1,3-Dichloropropene	7.613	75	76584	5.102	ug/L	99
40) 4-Methyl-2-pentanone	7.799	43	386345	52.589	ug/L	99
42) Toluene	7.976	91	196845	5.164	ug/L	99
44) trans-1,3-Dichloropropene	8.217	75	67484	4.902	ug/L	99
45) 1,1,2-Trichloroethane	8.407	97	37097	5.391	ug/L	99
47) Tetrachloroethene	8.558	164	36781	5.307	ug/L	96
48) 2-Hexanone	8.693	43	281497	54.374	ug/L	99
49) Dibromochloromethane	8.816	129	47060	5.388	ug/L	98
50) 1,2-Dibromoethane	8.931	107	36420	5.479	ug/L	98
51) Chlorobenzene	9.452	112	130664	5.352	ug/L	99
52) Ethylbenzene	9.578	91	228090	5.183	ug/L	99
53) m,p-Xylene	9.700	106	87752	5.266	ug/L	100
54) o-Xylene	10.105	106	86214	5.323	ug/L	100
55) Styrene	10.121	104	147654	5.198	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.790	83	49324	5.403	ug/L	99
59) Bromoform	10.298	173	27214	5.342	ug/L	99
60) Isopropylbenzene	10.491	105	238815	5.457	ug/L	99
61) 1,2,3-Trichloropropane	10.828	75	35753	5.503	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	204542	5.364	ug/L	98
63) 1,2,4-Trimethylbenzene	11.475	105	209241	5.365	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	109836	5.560	ug/L	97
65) 1,4-Dichlorobenzene	11.841	146	107953	5.420	ug/L	100
67) 1,2-Dichlorobenzene	12.217	146	103526	5.572	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.002	75	8817	5.195	ug/L	95
69) 1,3,5-Trichlorobenzene	13.227	180	83000	5.513	ug/L	98
70) 1,2,4-trichlorobenzene	13.847	180	71716	5.625	ug/L	98
71) Naphthalene	14.092	128	139422	6.040	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	64343	5.843	ug/L	99

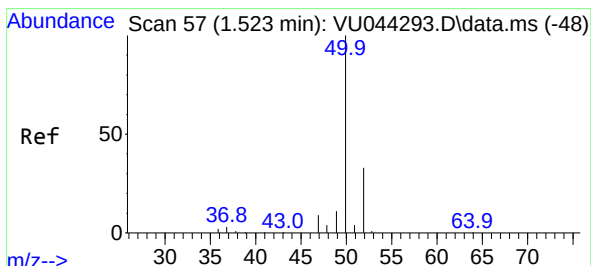
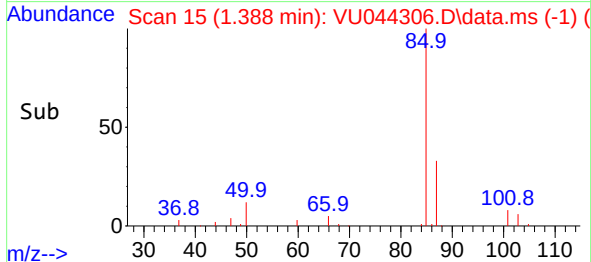
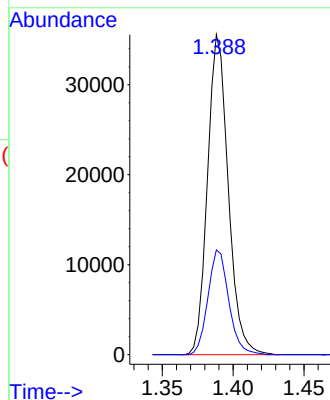
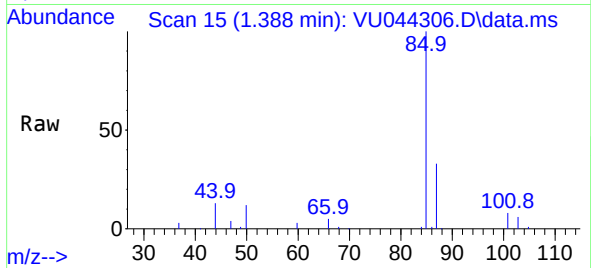
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#2
Dichlorodifluoromethane
Concen: 4.376 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU044306.D
Acq: 02 Jul 2021 16:17

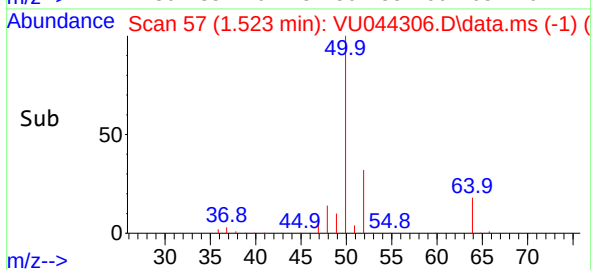
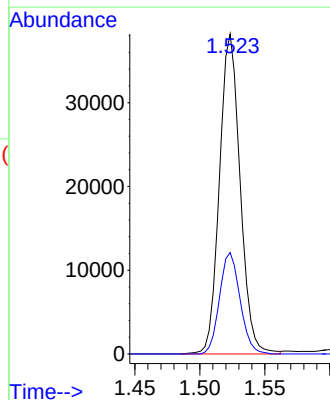
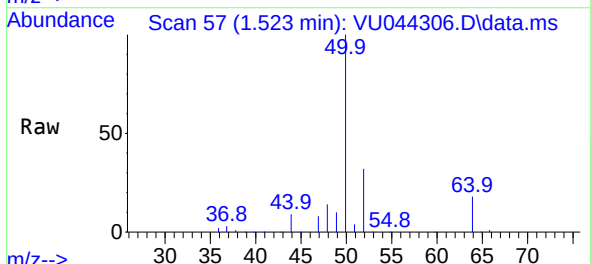
Instrument :
MSVOA_U
ClientSampleId :
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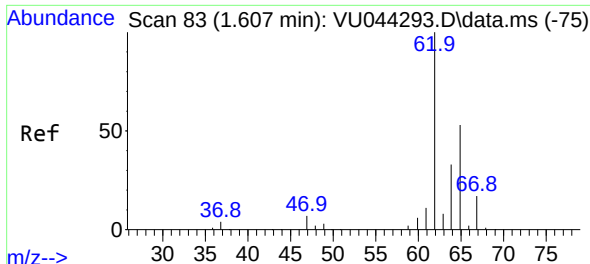
Tgt Ion: 85 Resp: 36205
Ion Ratio Lower Upper
85 100
87 32.8 25.6 38.4



#3
Chloromethane
Concen: 4.409 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU044306.D
Acq: 02 Jul 2021 16:17

Tgt Ion: 50 Resp: 42186
Ion Ratio Lower Upper
50 100
52 31.7 23.1 42.9

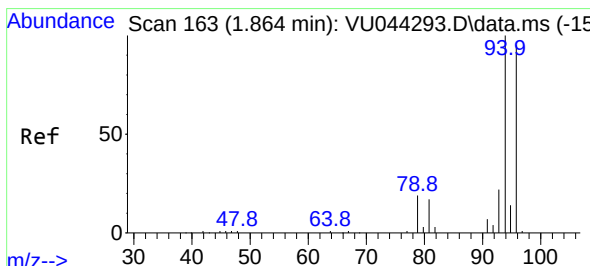
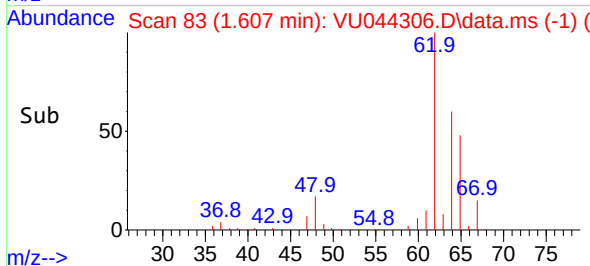
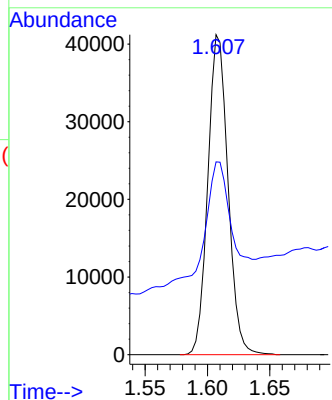
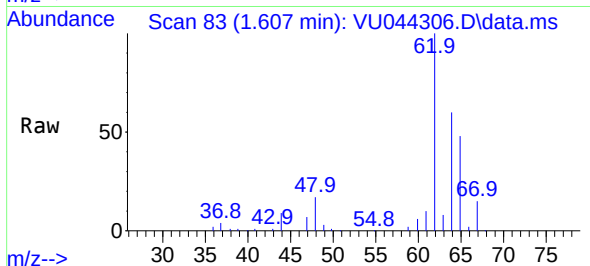




#5
 Vinyl chloride
 Concen: 4.665 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU044306.D
 Acq: 02 Jul 2021 16:17

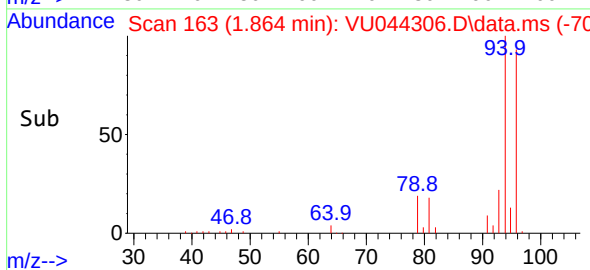
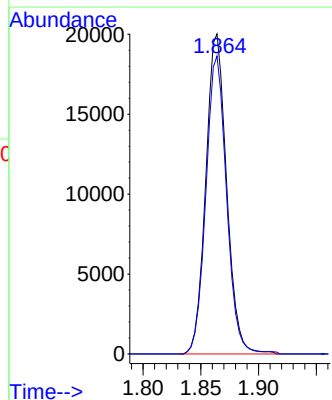
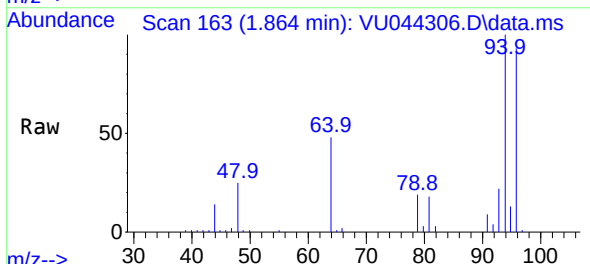
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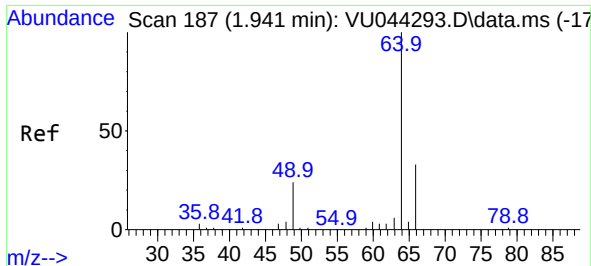
Tgt Ion: 62 Resp: 46316
 Ion Ratio Lower Upper
 62 100
 64 60.2 23.7 44.1#



#6
 Bromomethane
 Concen: 3.949 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. -0.000 min
 Lab File: VU044306.D
 Acq: 02 Jul 2021 16:17

Tgt Ion: 94 Resp: 25141
 Ion Ratio Lower Upper
 94 100
 96 93.1 65.8 122.2

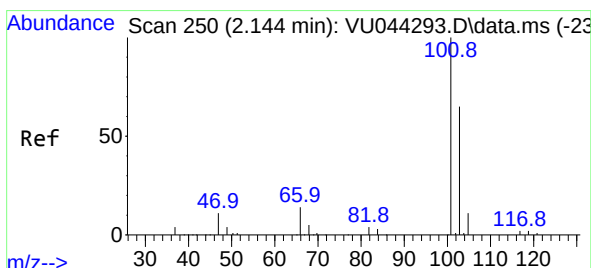
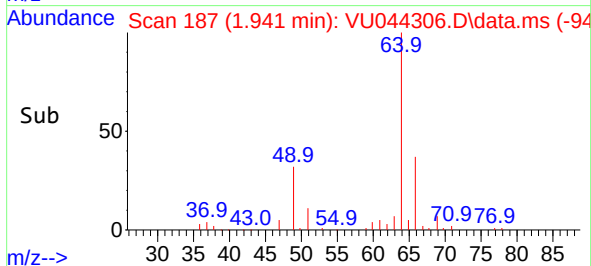
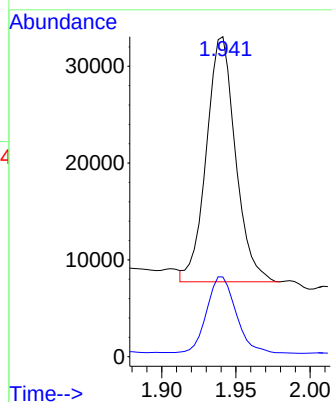
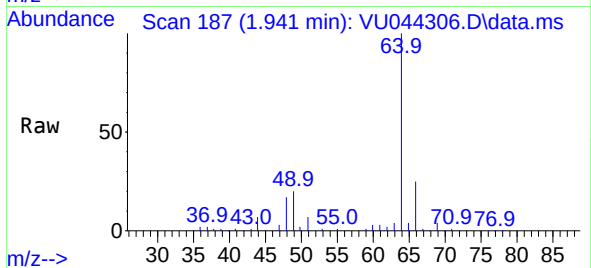




#8
Chloroethane
Concen: 5.111 ug/L
RT: 1.941 min Scan# 187
Delta R.T. -0.000 min
Lab File: VU044306.D
Acq: 02 Jul 2021 16:17

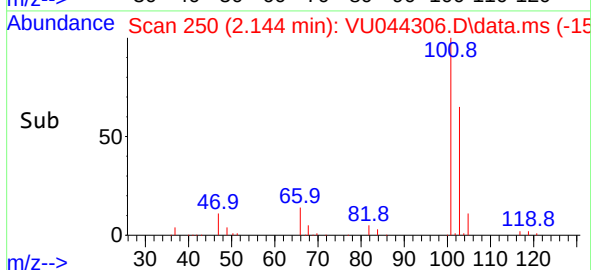
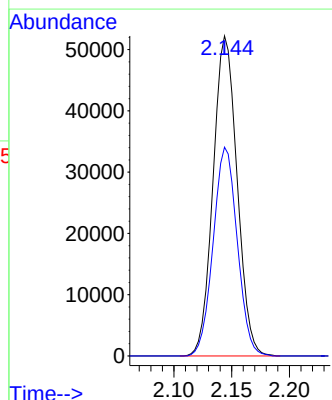
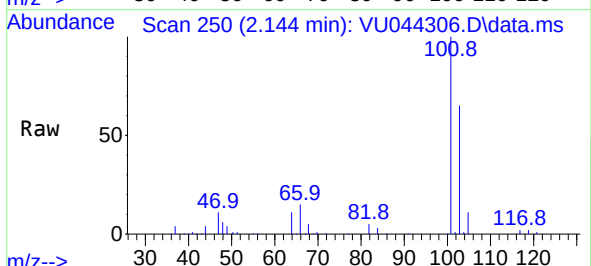
Instrument :
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ClientSampleId :
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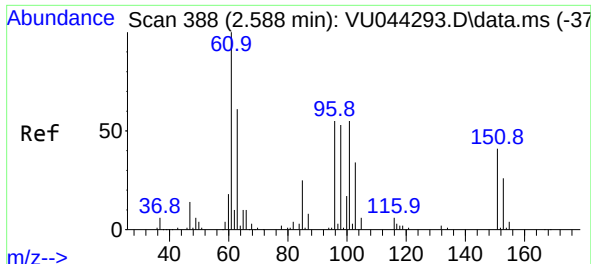
Tgt Ion: 64 Resp: 34527
Ion Ratio Lower Upper
64 100
66 24.9 22.7 42.3



#9
Trichlorofluoromethane
Concen: 5.442 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU044306.D
Acq: 02 Jul 2021 16:17

Tgt Ion: 101 Resp: 75441
Ion Ratio Lower Upper
101 100
103 65.4 51.8 77.8

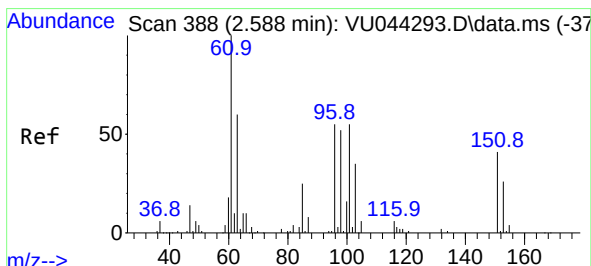
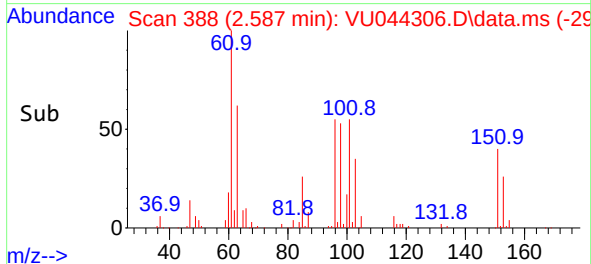
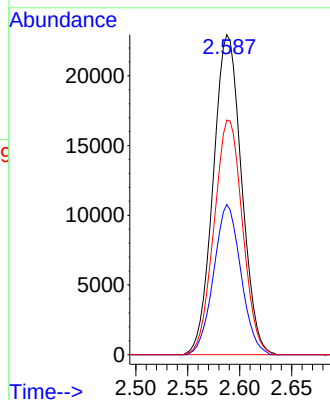
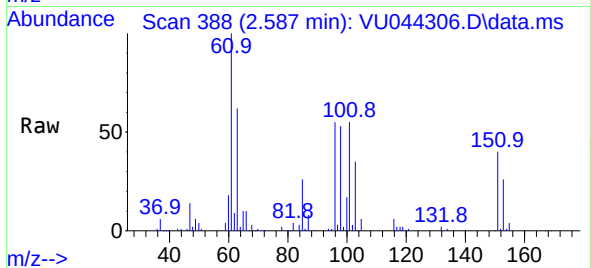




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.230 ug/L
RT: 2.587 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU044306.D
Acq: 02 Jul 2021 16:17

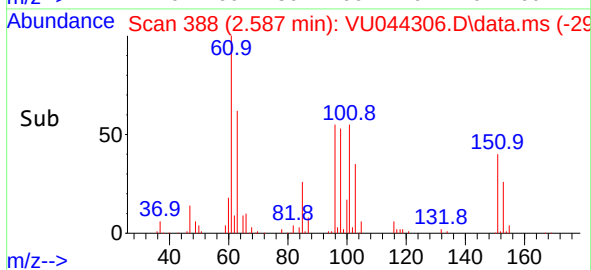
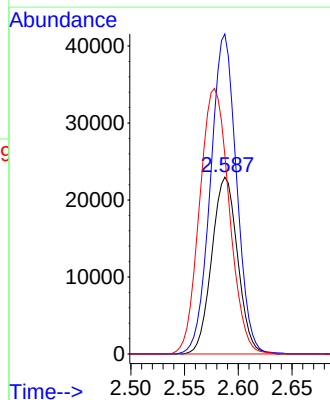
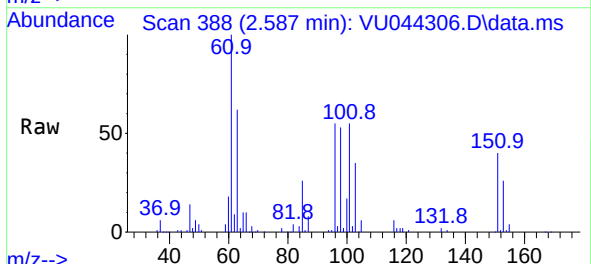
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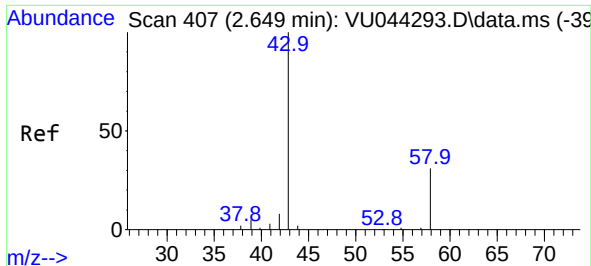
Tgt Ion:101 Resp: 43522
Ion Ratio Lower Upper
101 100
85 45.1 37.0 55.4
151 73.9 58.1 87.1



#12
1,1-Dichloroethene
Concen: 4.732 ug/L
RT: 2.587 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU044306.D
Acq: 02 Jul 2021 16:17

Tgt Ion: 96 Resp: 38385
Ion Ratio Lower Upper
96 100
61 181.0 128.6 238.8
63 112.6 84.3 156.5

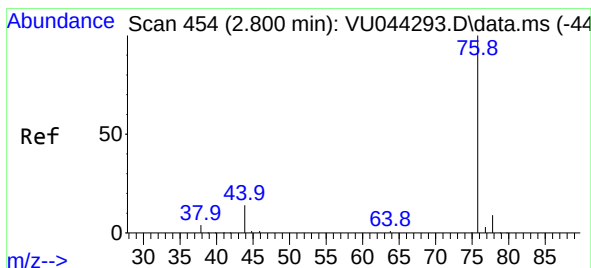
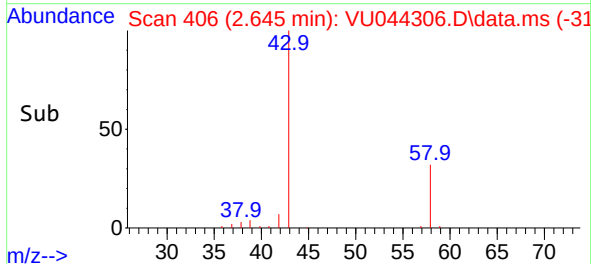
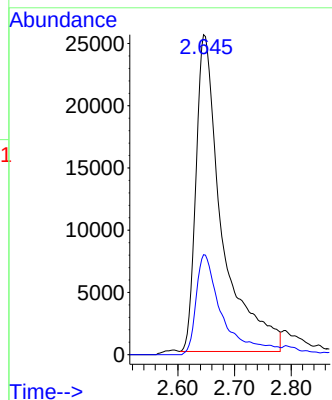
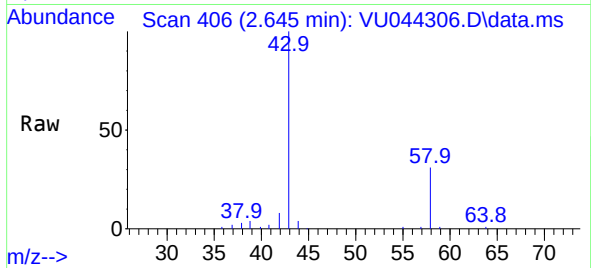




#13
Acetone
Concen: 64.983 ug/L
RT: 2.645 min Scan# 406
Delta R.T. -0.003 min
Lab File: VU044306.D
Acq: 02 Jul 2021 16:17

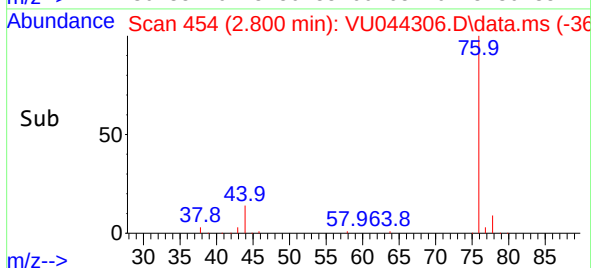
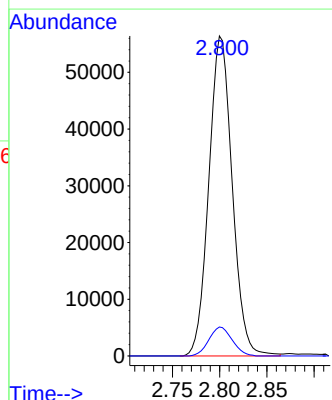
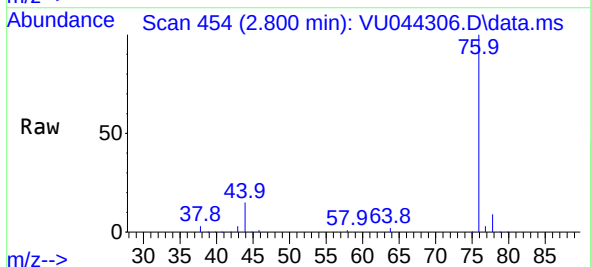
Instrument :
MSVOA_U
ClientSampleId :
DBK45MSD

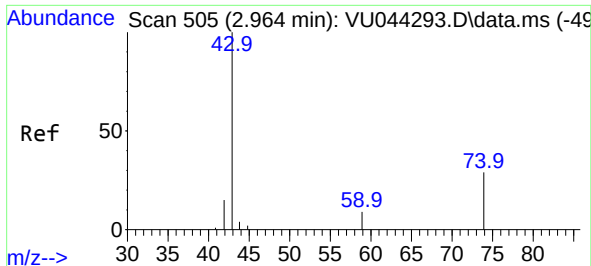
Tgt Ion: 43 Resp: 81378
Ion Ratio Lower Upper
43 100
58 30.7 0.0 53.8



#14
Carbon disulfide
Concen: 3.883 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
Lab File: VU044306.D
Acq: 02 Jul 2021 16:17

Tgt Ion: 76 Resp: 97011
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2

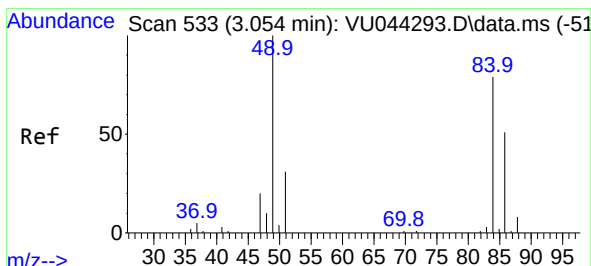
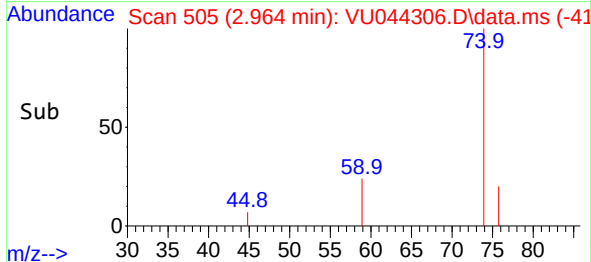
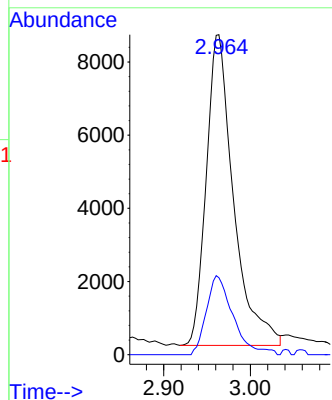
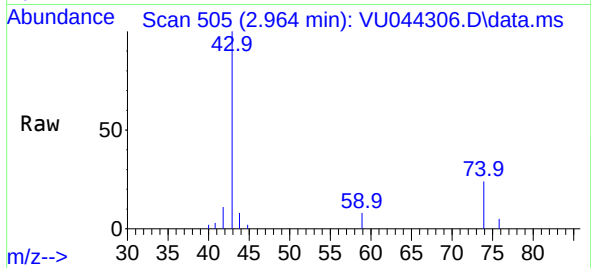




#15
Methyl Acetate
Concen: 5.289 ug/L
RT: 2.964 min Scan# 505
Delta R.T. -0.000 min
Lab File: VU044306.D
Acq: 02 Jul 2021 16:17

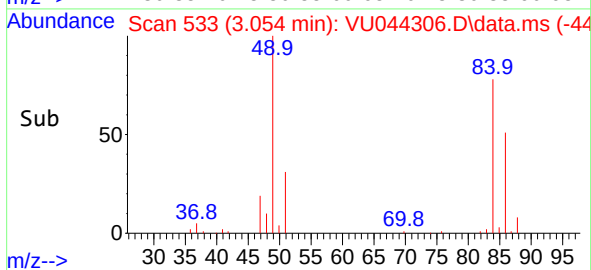
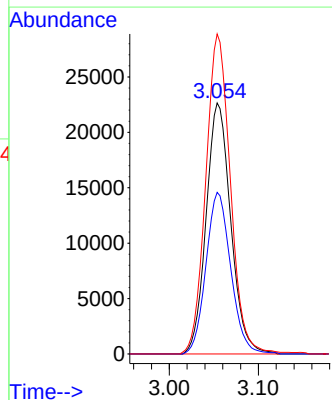
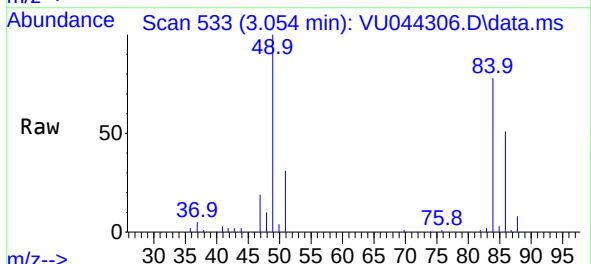
Instrument :
MSVOA_U
ClientSampled :
DBK45MSD

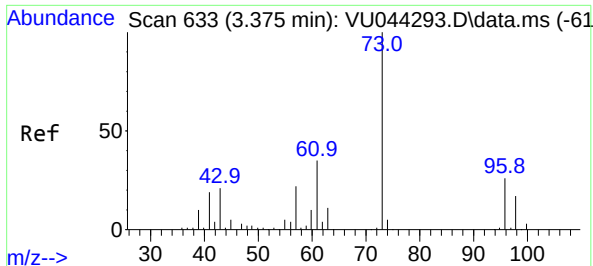
Tgt Ion: 43 Resp: 18609
Ion Ratio Lower Upper
43 100
74 24.8 18.4 27.6



#16
Methylene chloride
Concen: 3.983 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU044306.D
Acq: 02 Jul 2021 16:17

Tgt Ion: 84 Resp: 43539
Ion Ratio Lower Upper
84 100
86 64.4 46.1 85.5
49 127.5 88.4 164.2



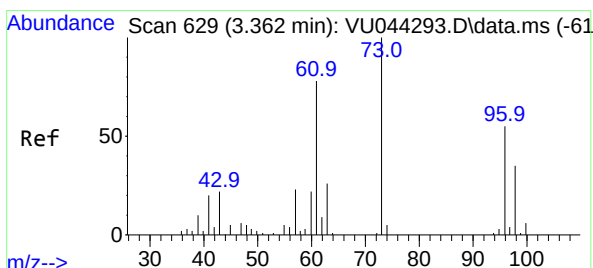
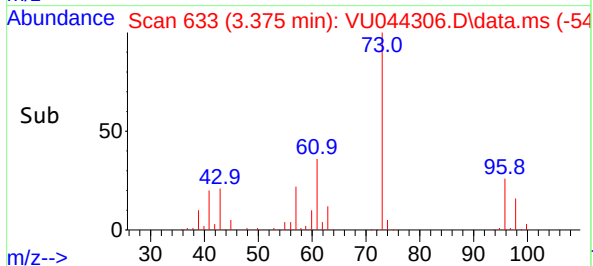
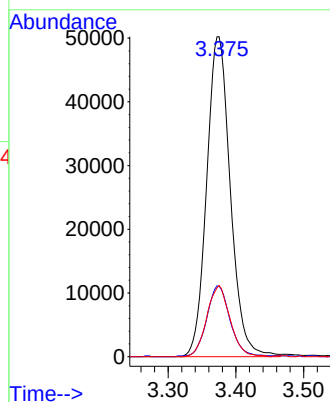
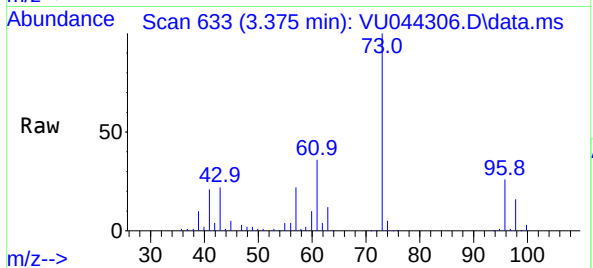


#17
Methyl tert-butyl Ether
Concen: 5.065 ug/L
RT: 3.375 min Scan# 633
Delta R.T. -0.000 min
Lab File: VU044306.D
Acq: 02 Jul 2021 16:17

Instrument :
MSVOA_U
ClientSampleId :
DBK45MSD

Tgt Ion: 73 Resp: 121849

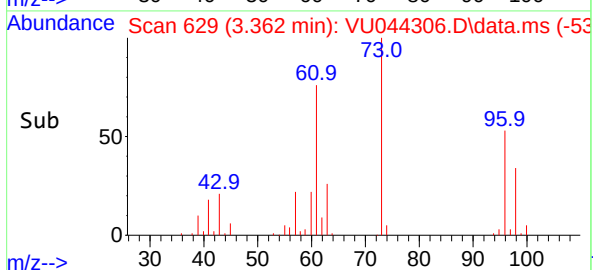
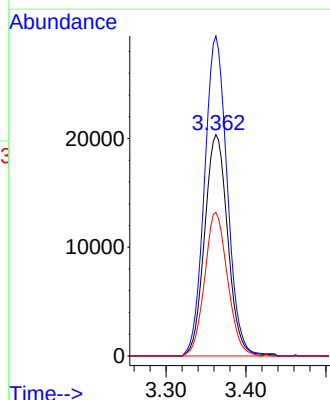
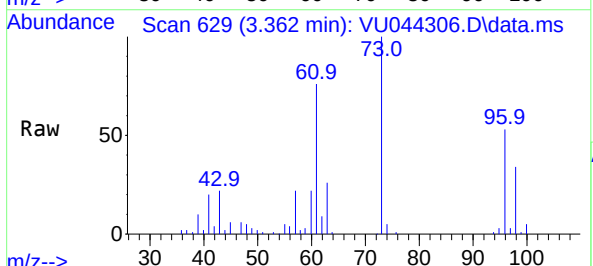
Ion	Ratio	Lower	Upper
73	100		
43	22.0	17.6	26.4
57	21.8	17.8	26.8

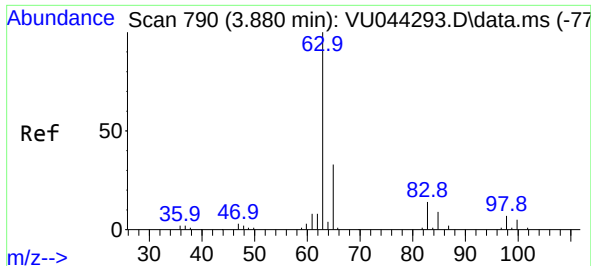


#18
trans-1,2-Dichloroethene
Concen: 4.739 ug/L
RT: 3.362 min Scan# 629
Delta R.T. -0.000 min
Lab File: VU044306.D
Acq: 02 Jul 2021 16:17

Tgt Ion: 96 Resp: 40918

Ion	Ratio	Lower	Upper
96	100		
61	144.6	100.2	186.2
98	64.9	44.9	83.5

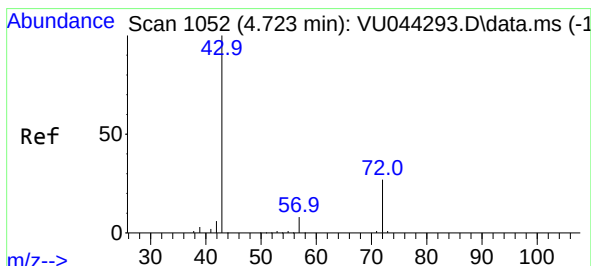
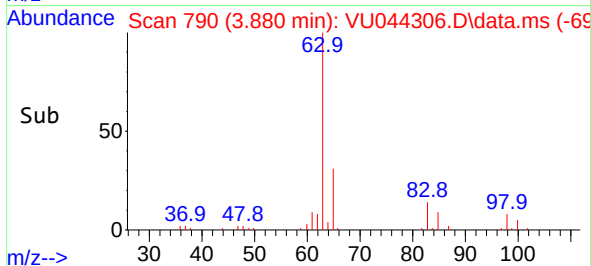
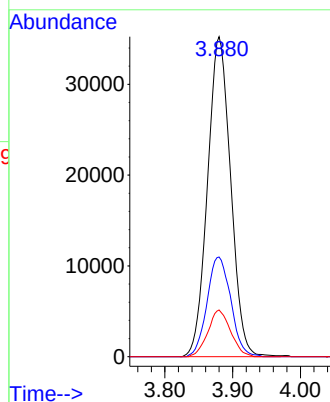
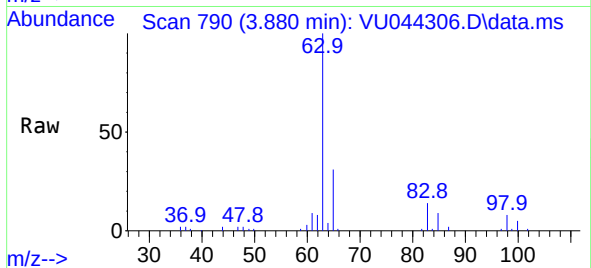




#19
1,1-Dichloroethane
Concen: 5.070 ug/L
RT: 3.880 min Scan# 790
Delta R.T. -0.000 min
Lab File: VU044306.D
Acq: 02 Jul 2021 16:17

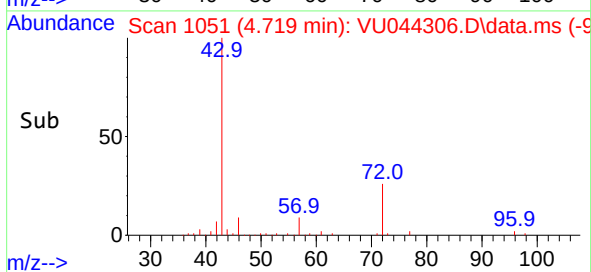
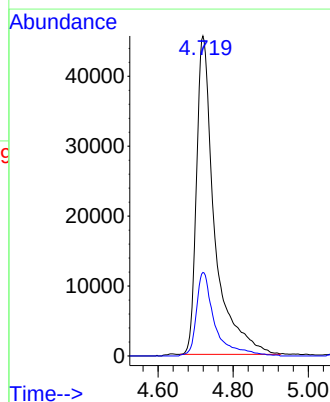
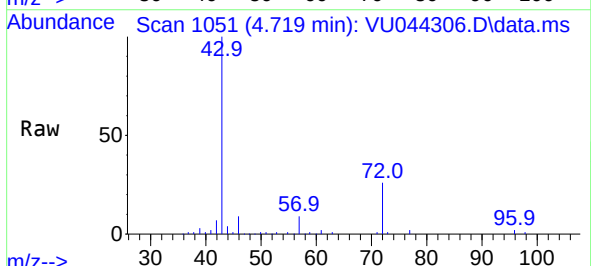
Instrument :
MSVOA_U
ClientSampled :
DBK45MSD

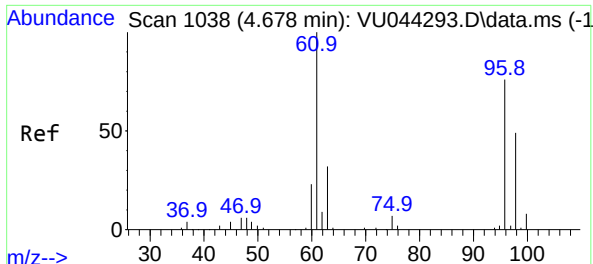
Tgt Ion:	63	Resp:	83487
Ion	Ratio	Lower	Upper
63	100		
65	31.9	22.3	41.3
83	14.6	9.9	18.5



#21
2-Butanone
Concen: 53.494 ug/L
RT: 4.719 min Scan# 1051
Delta R.T. -0.003 min
Lab File: VU044306.D
Acq: 02 Jul 2021 16:17

Tgt Ion:	43	Resp:	152191
Ion	Ratio	Lower	Upper
43	100		
72	26.9	13.4	40.1

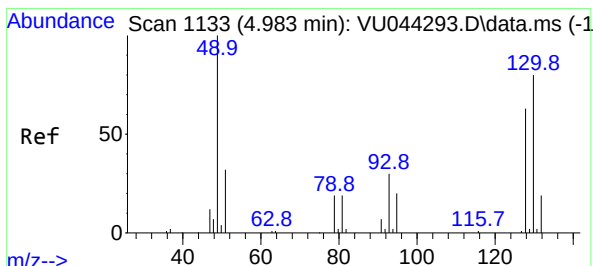
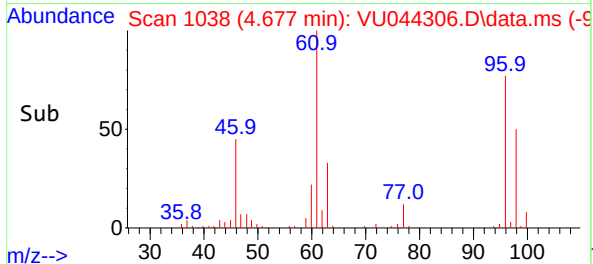
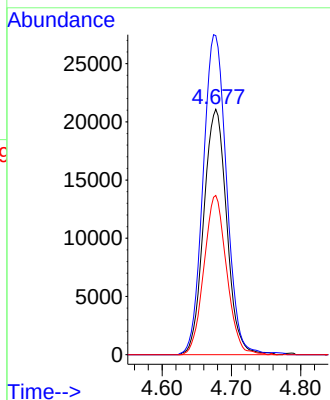
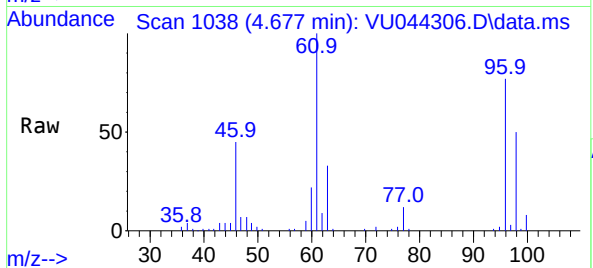




#22
cis-1,2-Dichloroethene
Concen: 5.149 ug/L
RT: 4.677 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VU044306.D
Acq: 02 Jul 2021 16:17

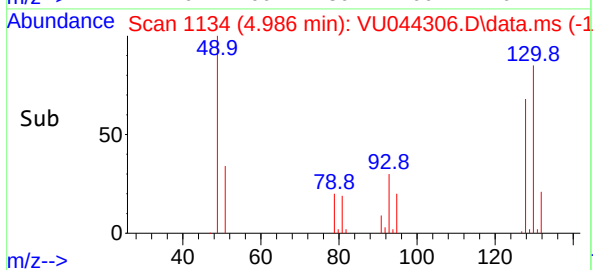
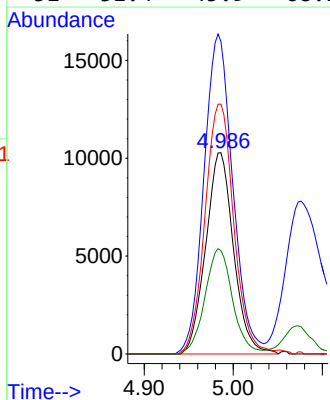
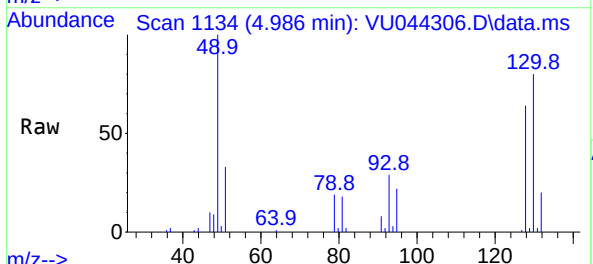
Instrument :
MSVOA_U
ClientSampleId :
DBK45MSD

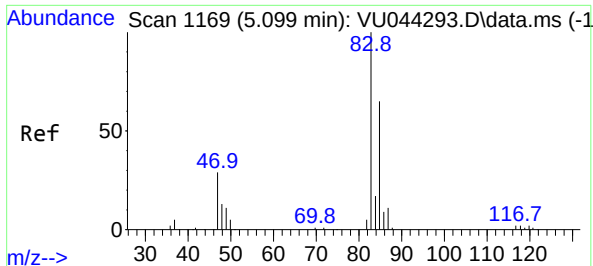
Tgt Ion:	96	Resp:	48643
Ion	Ratio	Lower	Upper
96	100		
61	129.9	98.8	183.6
98	64.8	44.8	83.2



#23
Bromochloromethane
Concen: 5.180 ug/L
RT: 4.986 min Scan# 1134
Delta R.T. 0.003 min
Lab File: VU044306.D
Acq: 02 Jul 2021 16:17

Tgt Ion:	128	Resp:	22290
Ion	Ratio	Lower	Upper
128	100		
49	159.9	127.2	236.2
130	124.2	91.7	170.3
51	51.4	45.9	68.9



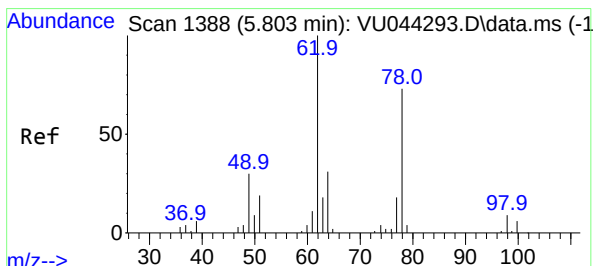
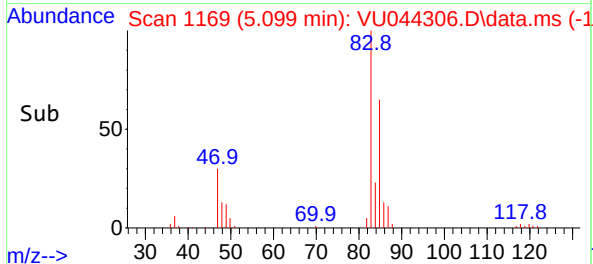
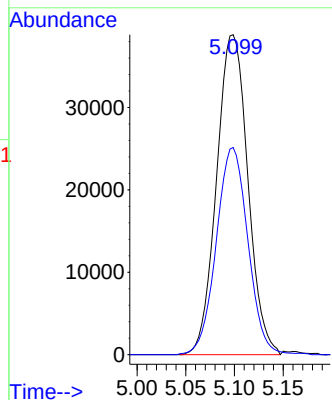
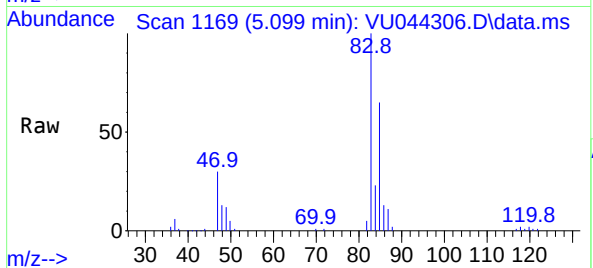


#25

Chloroform
Concen: 4.932 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU044306.D
Acq: 02 Jul 2021 16:17

Instrument :
MSVOA_U
ClientSampled :
DBK45MSD

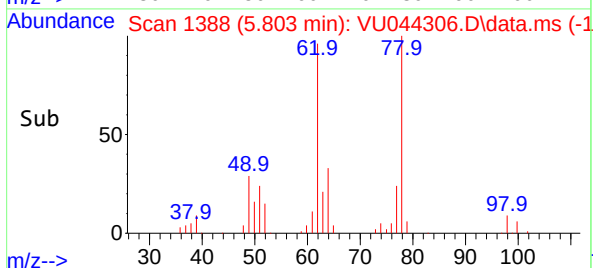
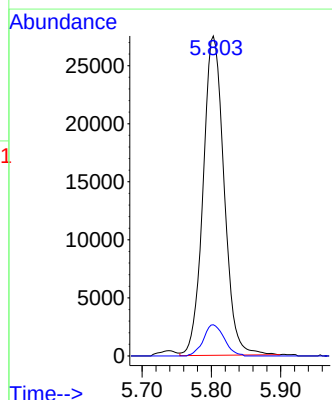
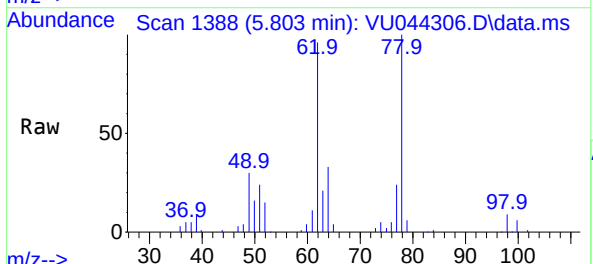
Tgt Ion: 83 Resp: 86713
Ion Ratio Lower Upper
83 100
85 64.8 45.2 84.0

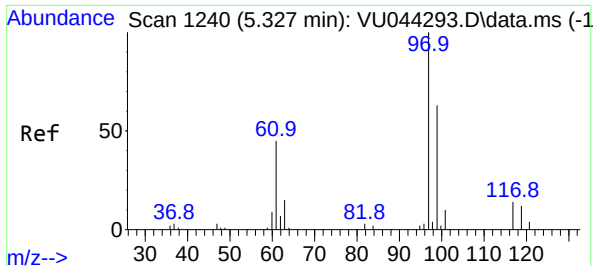


#27

1,2-Dichloroethane
Concen: 4.927 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VU044306.D
Acq: 02 Jul 2021 16:17

Tgt Ion: 62 Resp: 57748
Ion Ratio Lower Upper
62 100
98 9.8 6.8 10.2

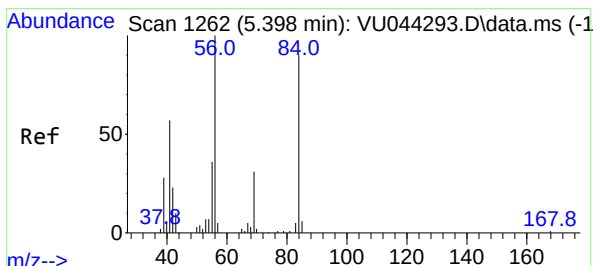
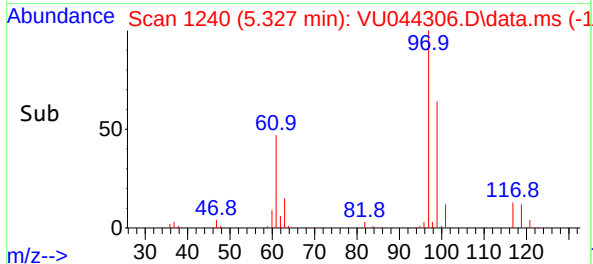
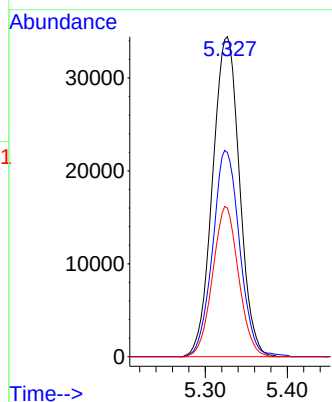
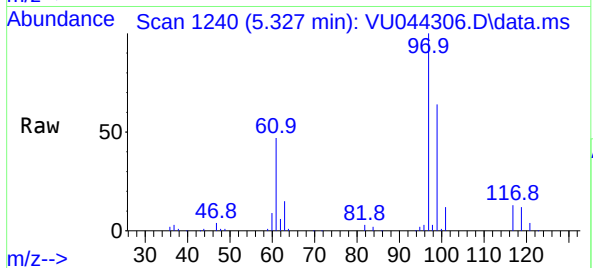




#29
1,1,1-Trichloroethane
Concen: 5.294 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VU044306.D
Acq: 02 Jul 2021 16:17

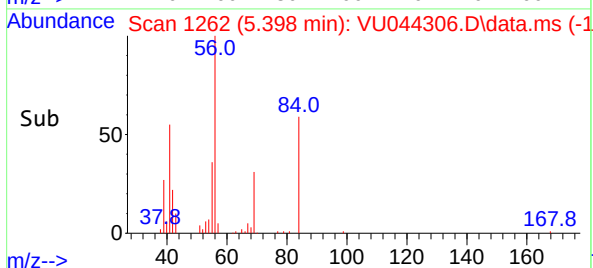
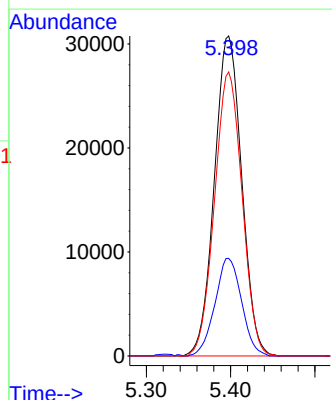
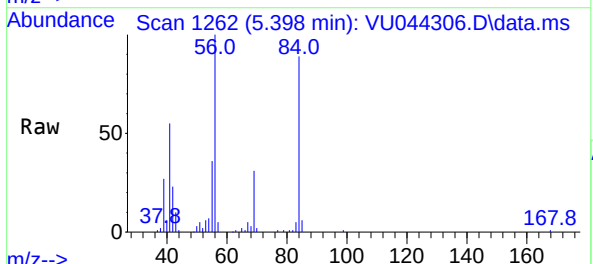
Tgt Ion:	97	Resp:	78690
Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.4	77.0
61	45.2	37.0	55.6

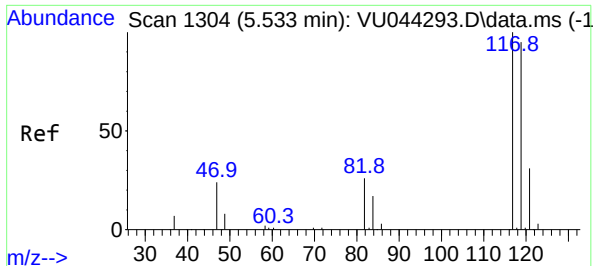
Instrument :
MSVOA_U
ClientSampleId :
DBK45MSD



#30
Cyclohexane
Concen: 4.520 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VU044306.D
Acq: 02 Jul 2021 16:17

Tgt Ion:	56	Resp:	69309
Ion	Ratio	Lower	Upper
56	100		
69	29.7	24.8	37.2
84	89.4	67.8	101.8

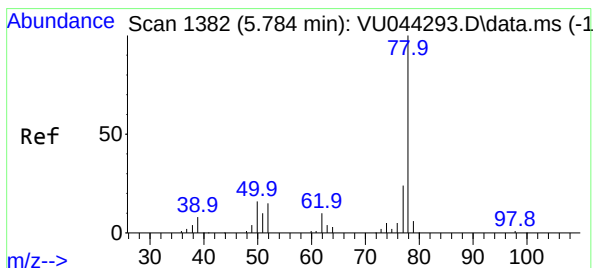
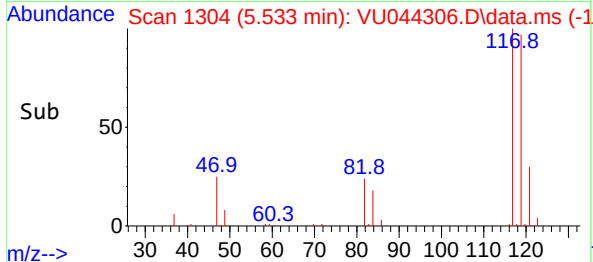
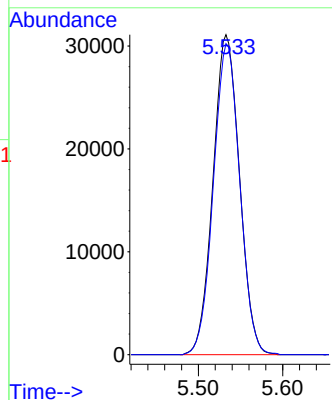
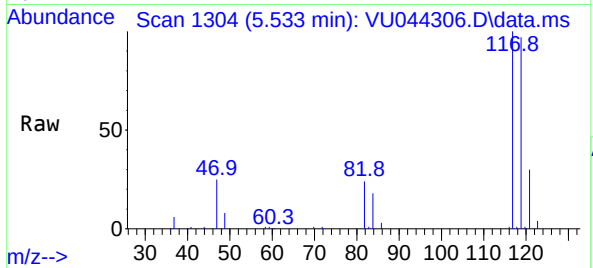




#31
Carbon tetrachloride
Concen: 5.352 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VU044306.D
Acq: 02 Jul 2021 16:17

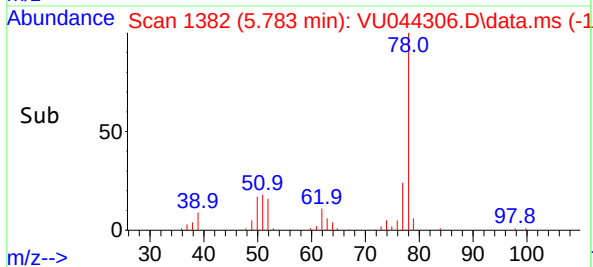
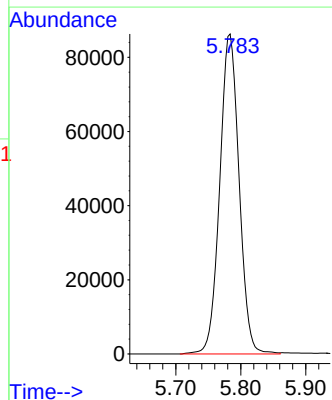
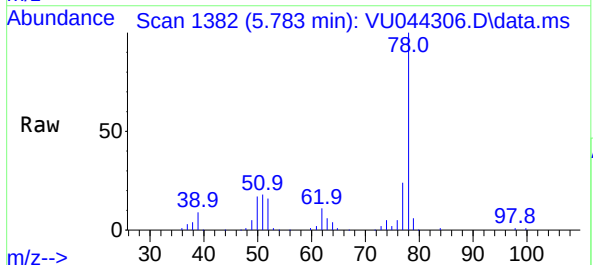
Instrument :
MSVOA_U
ClientSampled :
DBK45MSD

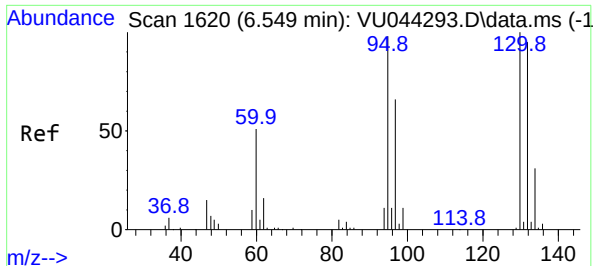
Tgt Ion:117 Resp: 67789
Ion Ratio Lower Upper
117 100
119 96.8 77.7 116.5



#33
Benzene
Concen: 5.142 ug/L
RT: 5.783 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VU044306.D
Acq: 02 Jul 2021 16:17

Tgt Ion: 78 Resp: 177993





#34

Trichloroethene

Concen: 4.883 ug/L

RT: 6.549 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VU044306.D

Acq: 02 Jul 2021 16:17

Tgt Ion: 95 Resp: 45779

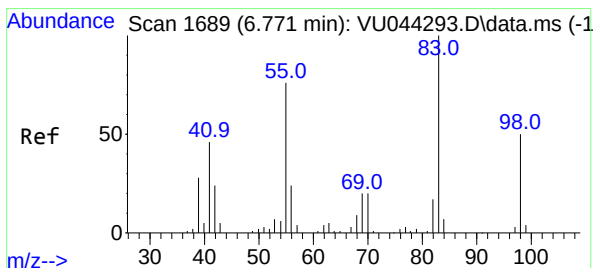
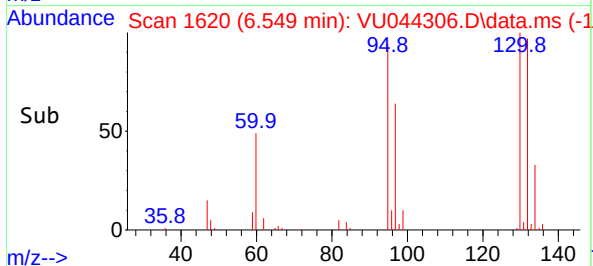
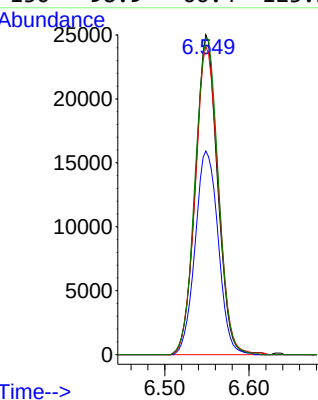
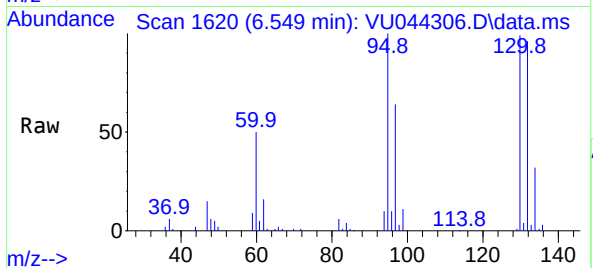
Ion Ratio Lower Upper

95 100

97 63.7 44.3 82.3

132 96.3 64.3 119.5

130 98.9 66.4 123.2



#35

Methylcyclohexane

Concen: 4.785 ug/L

RT: 6.771 min Scan# 1689

Delta R.T. -0.000 min

Lab File: VU044306.D

Acq: 02 Jul 2021 16:17

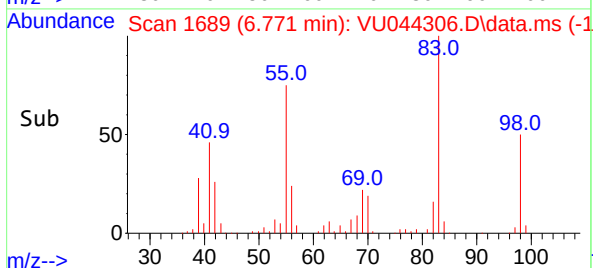
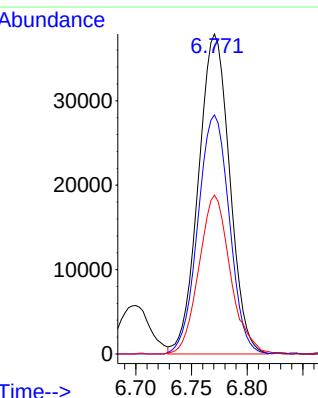
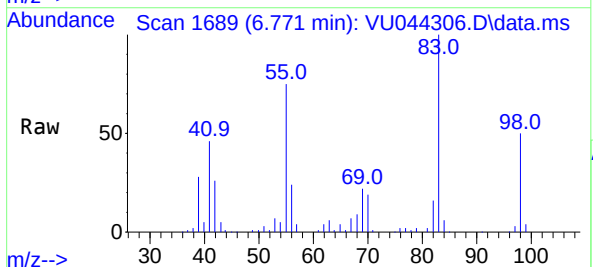
Tgt Ion: 83 Resp: 74066

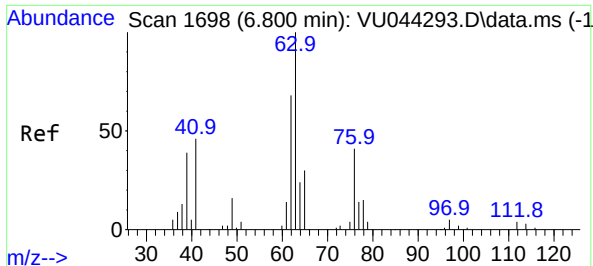
Ion Ratio Lower Upper

83 100

55 75.2 63.4 95.0

98 49.9 39.4 59.0

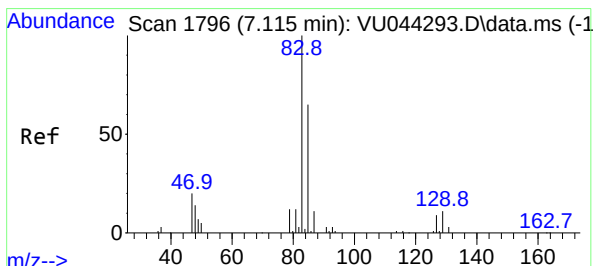
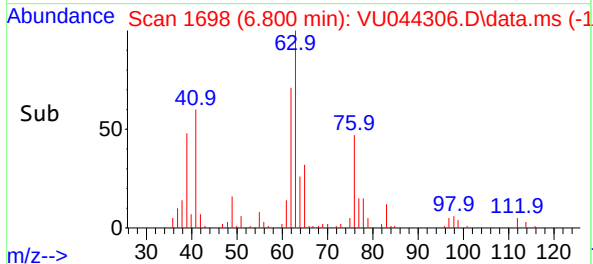
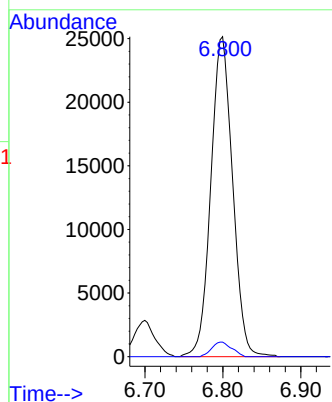
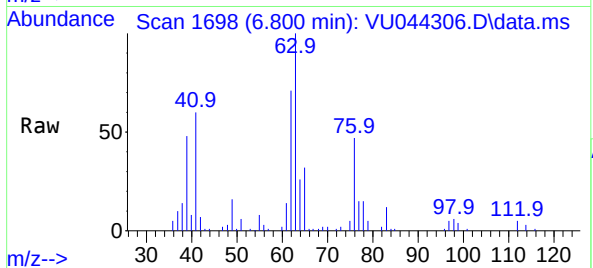




#37
1,2-Dichloropropane
Concen: 5.340 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VU044306.D
Acq: 02 Jul 2021 16:17

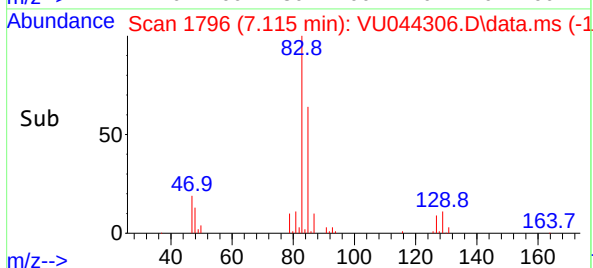
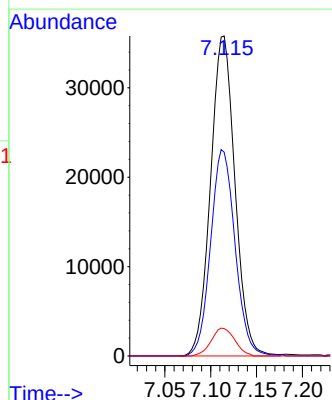
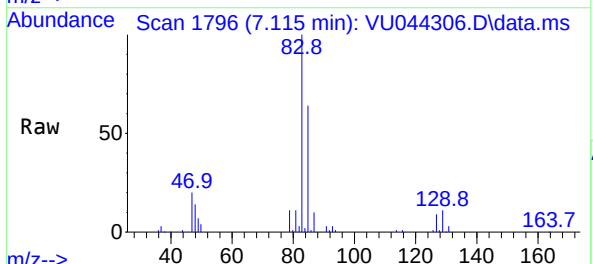
Instrument :
MSVOA_U
ClientSampleId :
DBK45MSD

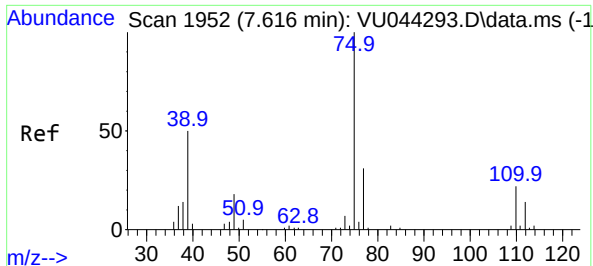
Tgt Ion: 63 Resp: 48817
Ion Ratio Lower Upper
63 100
112 4.2 3.5 5.3



#38
Bromodichloromethane
Concen: 5.157 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VU044306.D
Acq: 02 Jul 2021 16:17

Tgt Ion: 83 Resp: 66281
Ion Ratio Lower Upper
83 100
85 63.6 45.2 84.0
127 8.5 6.7 10.1



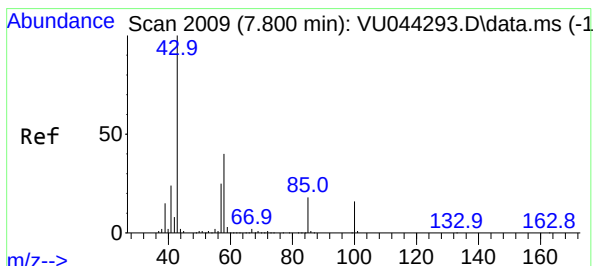
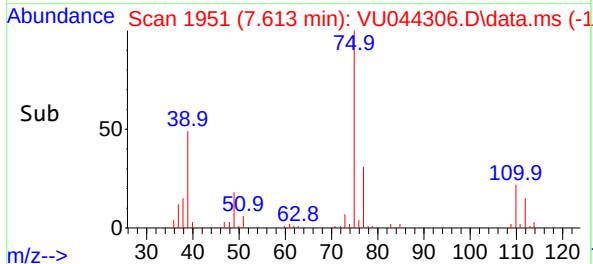
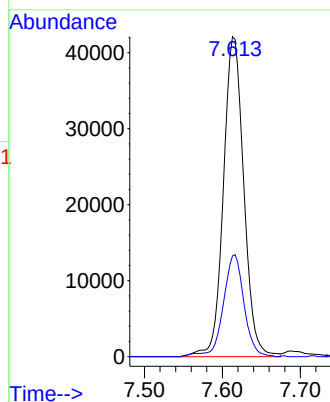
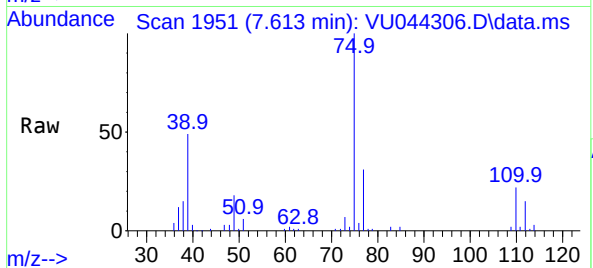


#39

cis-1,3-Dichloropropene
Concen: 5.102 ug/L
RT: 7.613 min Scan# 1951
Delta R.T. -0.003 min
Lab File: VU044306.D
Acq: 02 Jul 2021 16:17

Instrument :
MSVOA_U
ClientSampled :
DBK45MSD

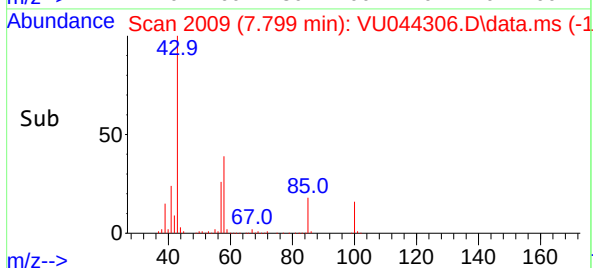
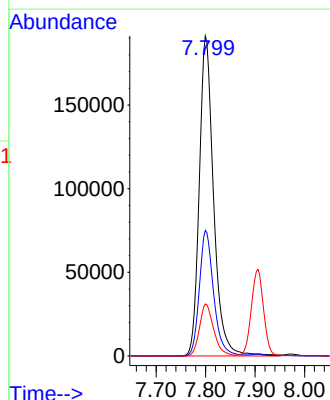
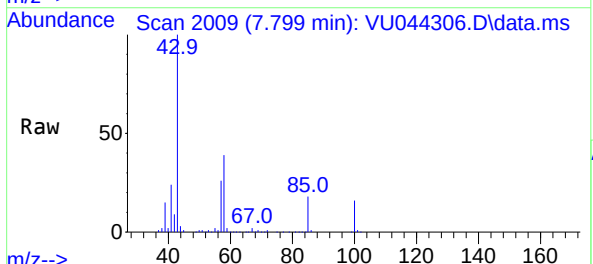
Tgt Ion: 75 Resp: 76584
Ion Ratio Lower Upper
75 100
77 31.5 22.5 41.7

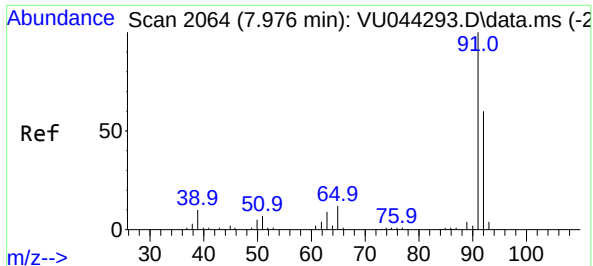


#40

4-Methyl-2-pentanone
Concen: 52.589 ug/L
RT: 7.799 min Scan# 2009
Delta R.T. -0.000 min
Lab File: VU044306.D
Acq: 02 Jul 2021 16:17

Tgt Ion: 43 Resp: 386345
Ion Ratio Lower Upper
43 100
58 39.1 31.2 46.8
100 16.1 12.3 18.5

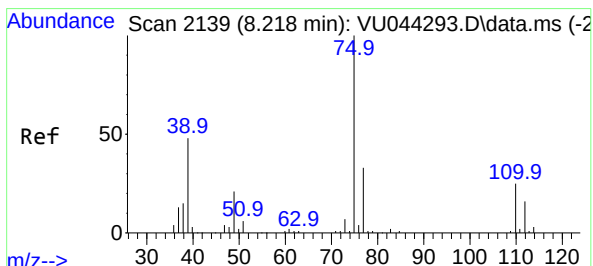
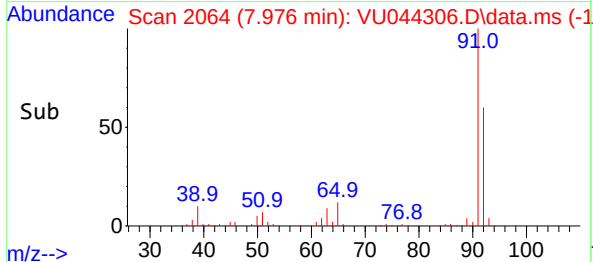
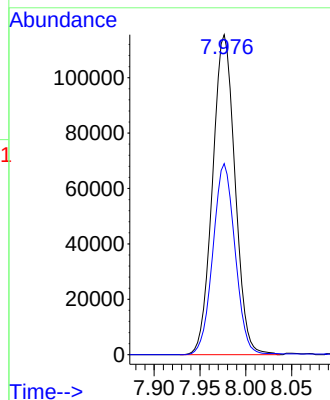
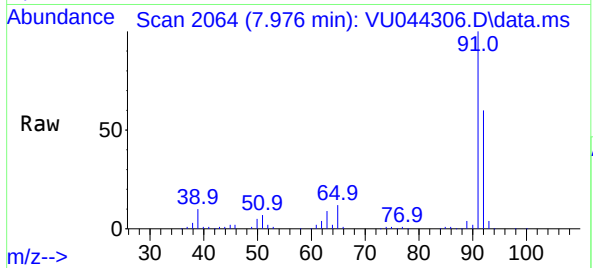




#42
Toluene
Concen: 5.164 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU044306.D
Acq: 02 Jul 2021 16:17

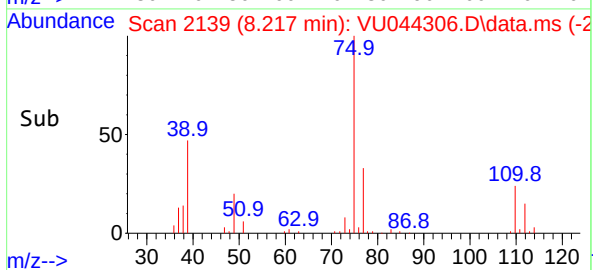
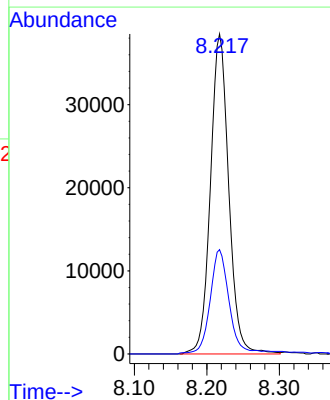
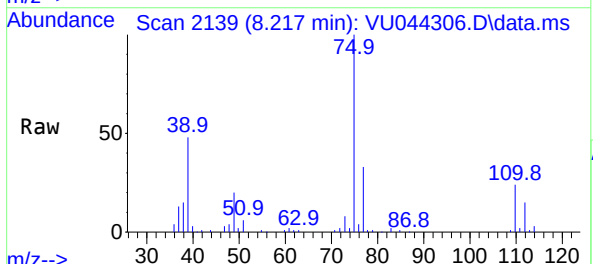
Instrument :
MSVOA_U
ClientSampled :
DBK45MSD

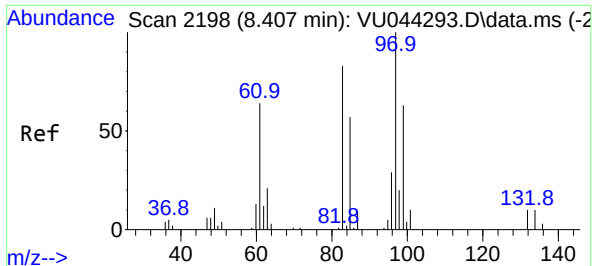
Tgt Ion: 91 Resp: 196845
Ion Ratio Lower Upper
91 100
92 59.7 41.2 76.6



#44
trans-1,3-Dichloropropene
Concen: 4.902 ug/L
RT: 8.217 min Scan# 2139
Delta R.T. -0.000 min
Lab File: VU044306.D
Acq: 02 Jul 2021 16:17

Tgt Ion: 75 Resp: 67484
Ion Ratio Lower Upper
75 100
77 32.6 22.6 42.0





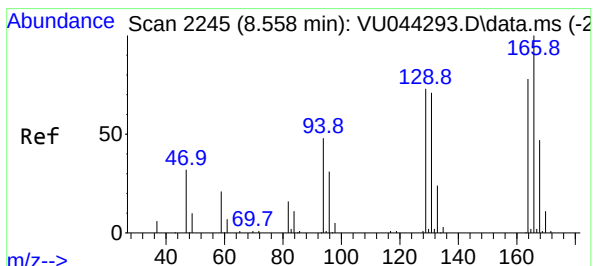
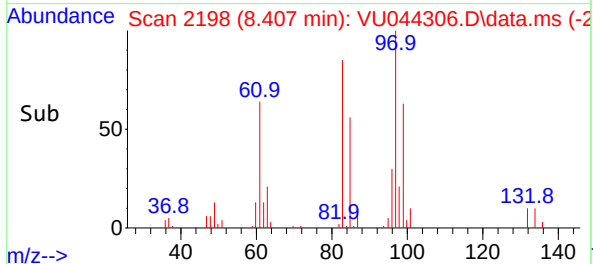
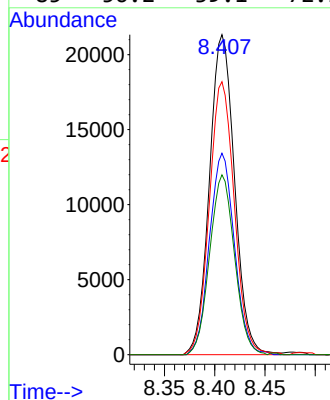
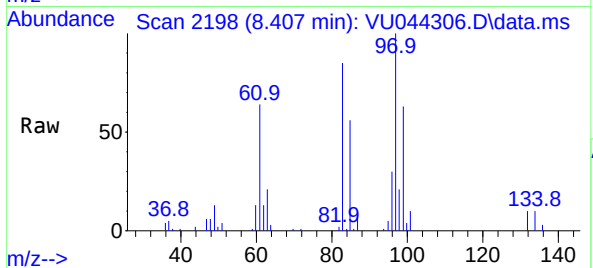
#45

1,1,2-Trichloroethane
Concen: 5.391 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. -0.000 min
Lab File: VU044306.D
Acq: 02 Jul 2021 16:17

Instrument :
MSVOA_U
ClientSampleId :
DBK45MSD

Tgt Ion: 97 Resp: 37097

Ion	Ratio	Lower	Upper
97	100		
99	63.0	42.8	79.4
83	85.3	59.9	111.3
85	56.2	39.1	72.5

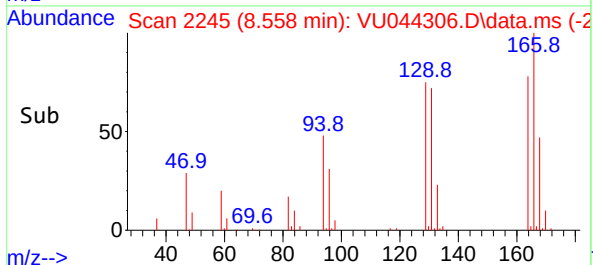
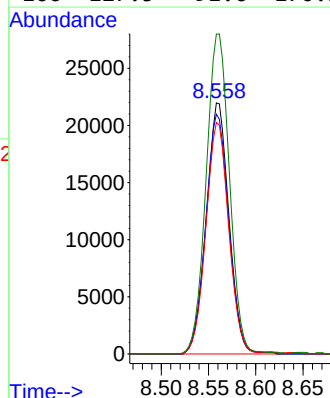
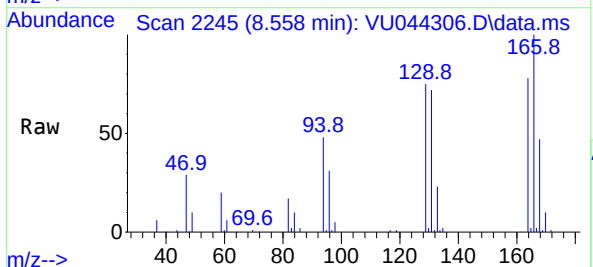


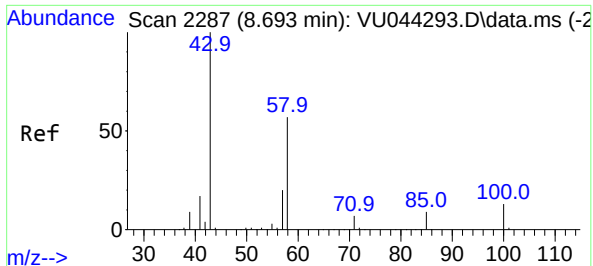
#47

Tetrachloroethene
Concen: 5.307 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.000 min
Lab File: VU044306.D
Acq: 02 Jul 2021 16:17

Tgt Ion: 164 Resp: 36781

Ion	Ratio	Lower	Upper
164	100		
129	95.5	71.8	133.4
131	92.2	66.4	123.2
166	127.5	91.6	170.2



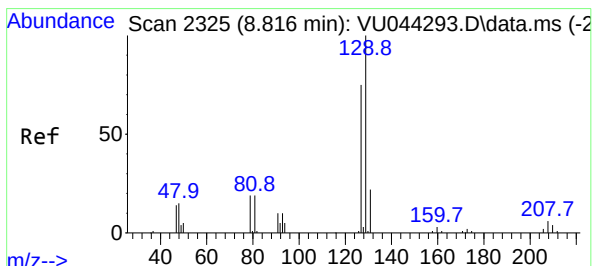
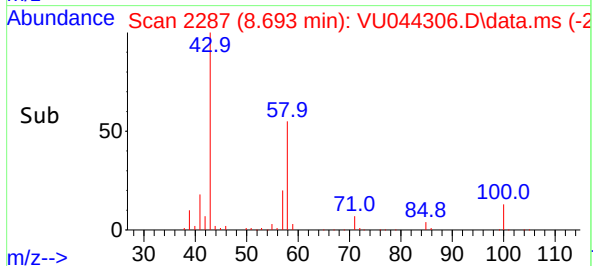
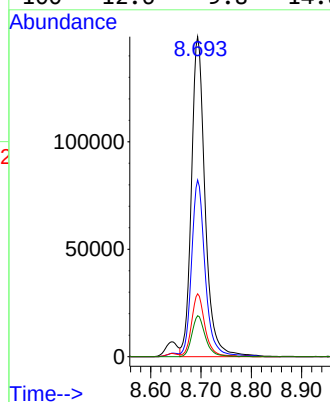
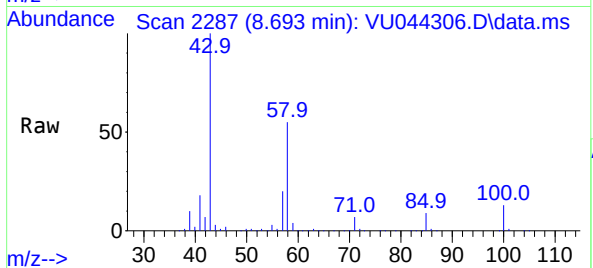


#48
2-Hexanone
Concen: 54.374 ug/L
RT: 8.693 min Scan# 2287
Delta R.T. -0.000 min
Lab File: VU044306.D
Acq: 02 Jul 2021 16:17

Instrument :
MSVOA_U
ClientSampleId :
DBK45MSD

Tgt Ion: 43 Resp: 281497

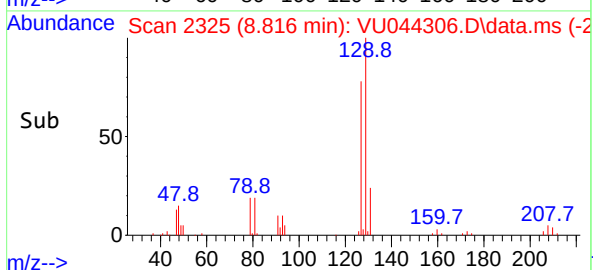
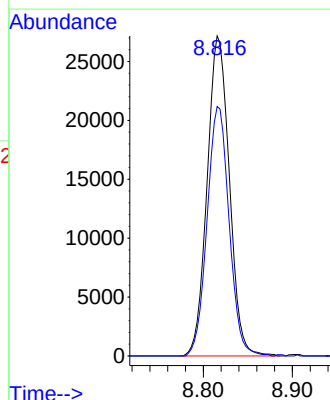
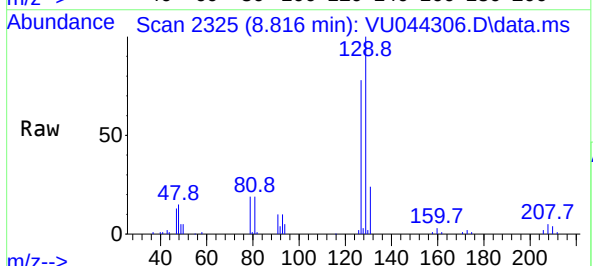
Ion	Ratio	Lower	Upper
43	100		
58	54.9	44.7	67.1
57	19.3	15.7	23.5
100	12.6	9.8	14.8

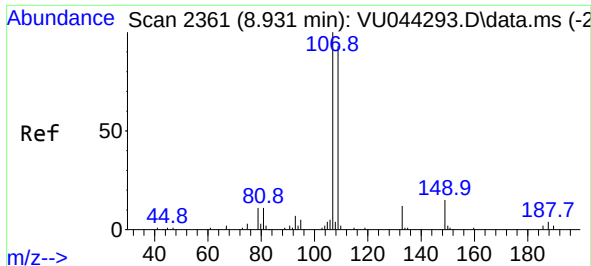


#49
Dibromochloromethane
Concen: 5.388 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. -0.000 min
Lab File: VU044306.D
Acq: 02 Jul 2021 16:17

Tgt Ion: 129 Resp: 47060

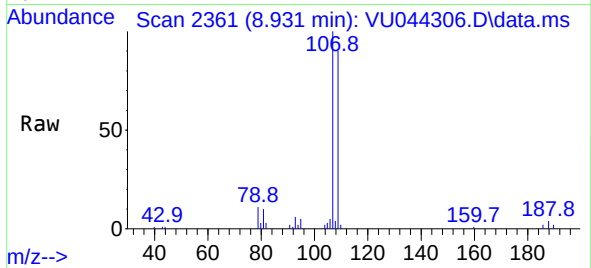
Ion	Ratio	Lower	Upper
129	100		
127	77.9	53.6	99.6



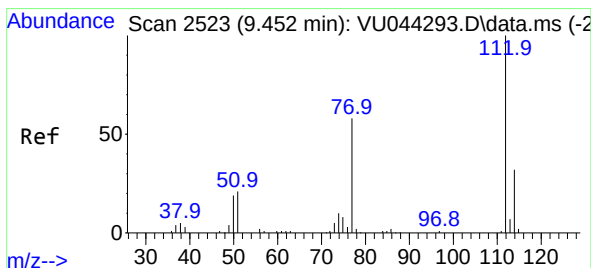
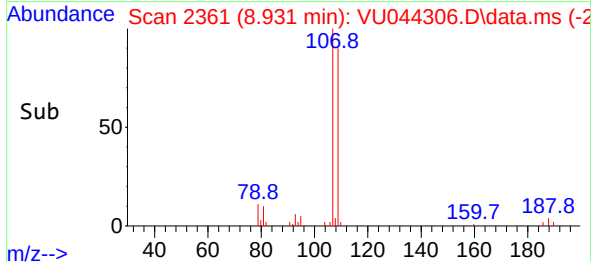
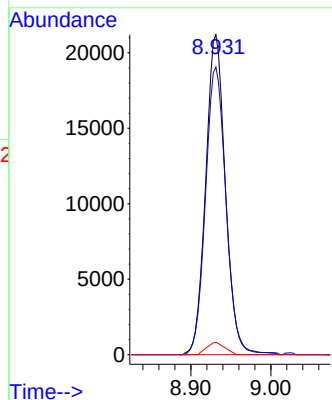


#50
1,2-Dibromoethane
Concen: 5.479 ug/L
RT: 8.931 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VU044306.D
Acq: 02 Jul 2021 16:17

Instrument :
MSVOA_U
ClientSampleId :
DBK45MSD

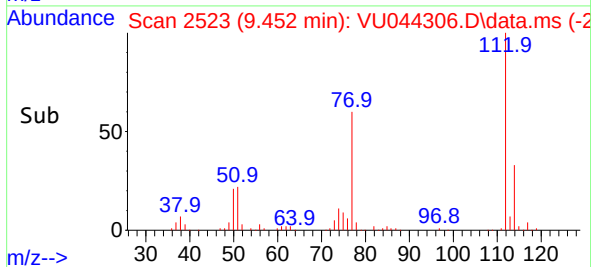
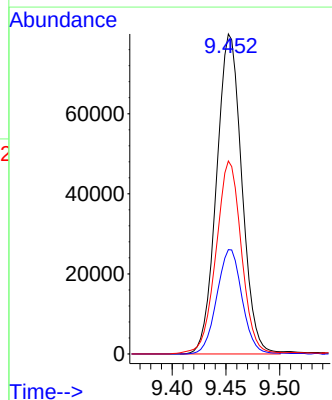
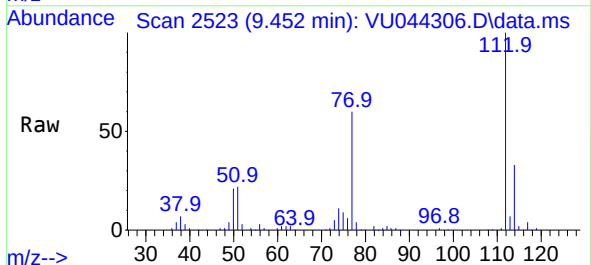


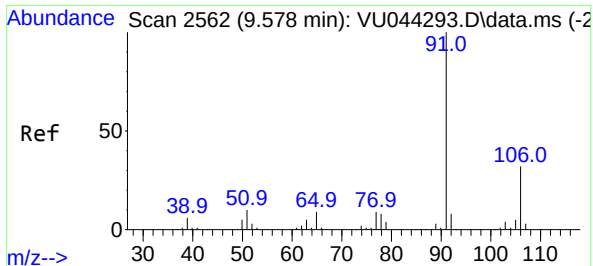
Tgt Ion:107 Resp: 36420
Ion Ratio Lower Upper
107 100
109 89.9 64.1 119.1
188 3.8 3.0 4.4



#51
Chlorobenzene
Concen: 5.352 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. -0.000 min
Lab File: VU044306.D
Acq: 02 Jul 2021 16:17

Tgt Ion:112 Resp: 130664
Ion Ratio Lower Upper
112 100
114 32.6 22.0 41.0
77 60.3 48.9 73.3

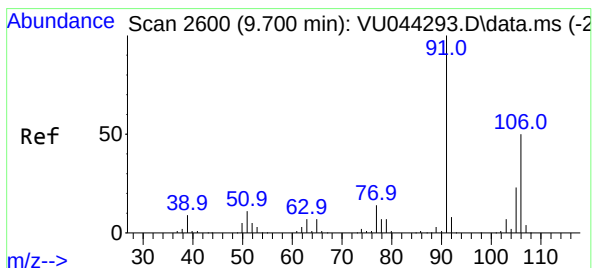
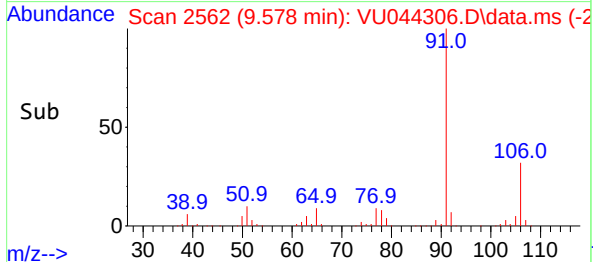
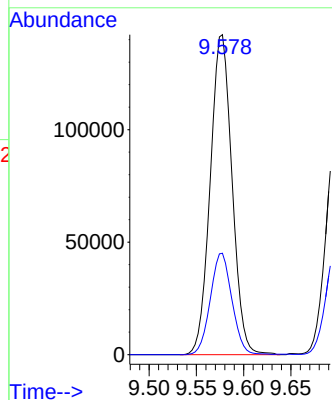
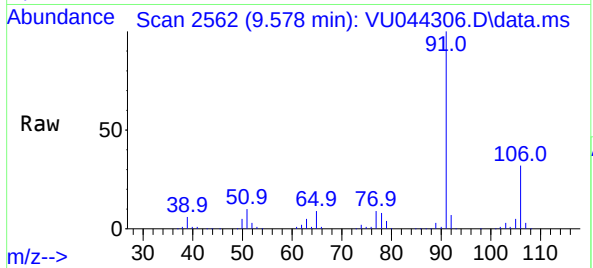




#52
Ethylbenzene
Concen: 5.183 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU044306.D
Acq: 02 Jul 2021 16:17

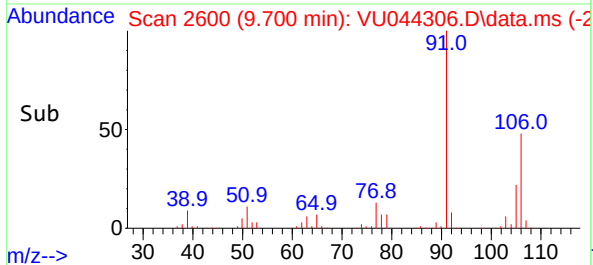
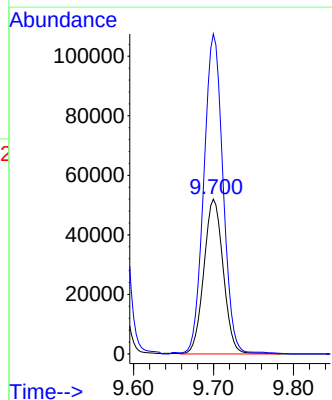
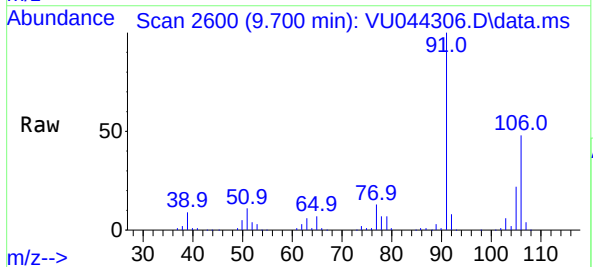
Instrument :
MSVOA_U
ClientSampled :
DBK45MSD

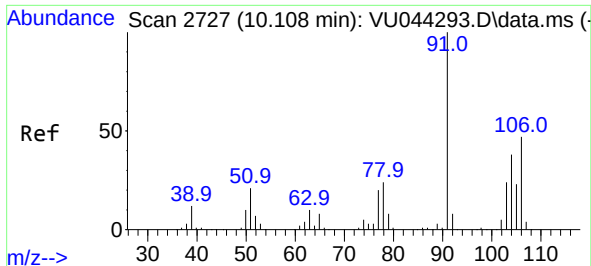
Tgt Ion: 91 Resp: 228090
Ion Ratio Lower Upper
91 100
106 31.7 21.6 40.2



#53
m,p-Xylene
Concen: 5.266 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.000 min
Lab File: VU044306.D
Acq: 02 Jul 2021 16:17

Tgt Ion: 106 Resp: 87752
Ion Ratio Lower Upper
106 100
91 206.6 144.8 269.0

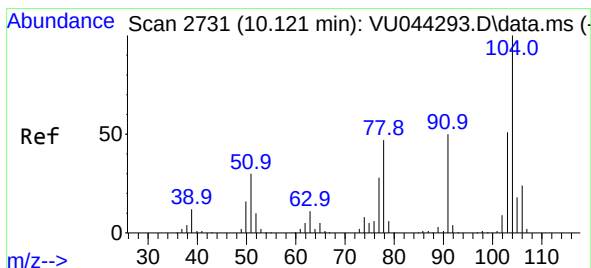
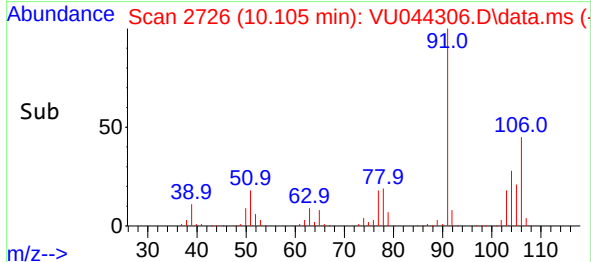
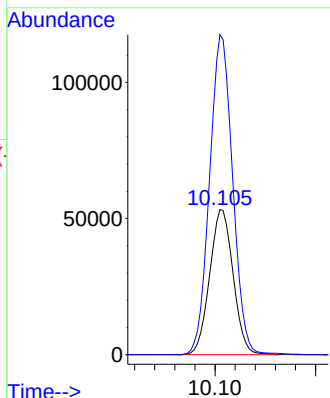
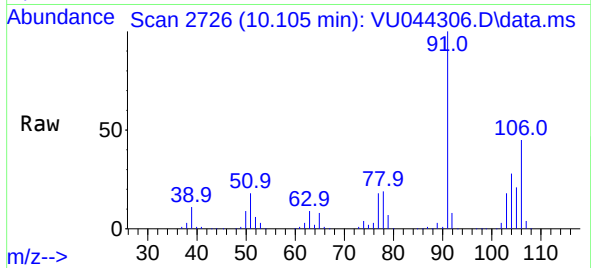




#54
o-Xylene
Concen: 5.323 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. -0.003 min
Lab File: VU044306.D
Acq: 02 Jul 2021 16:17

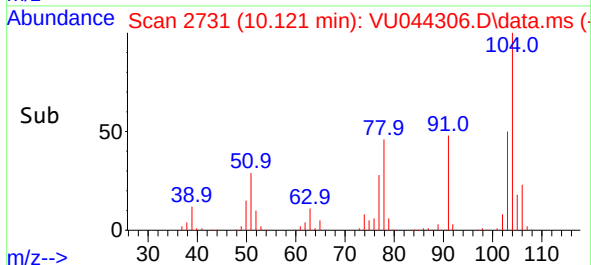
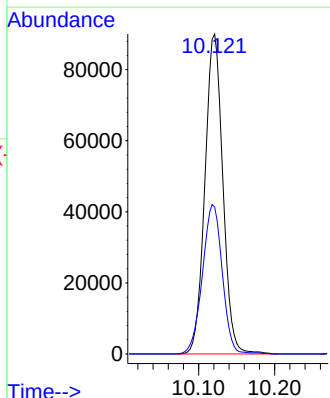
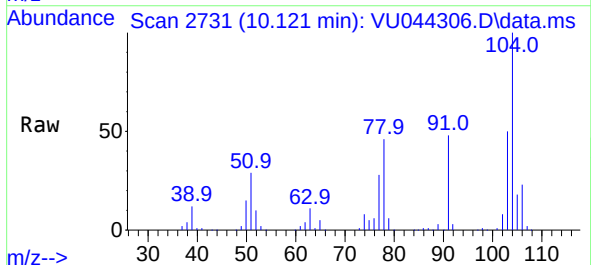
Instrument :
MSVOA_U
ClientSampled :
DBK45MSD

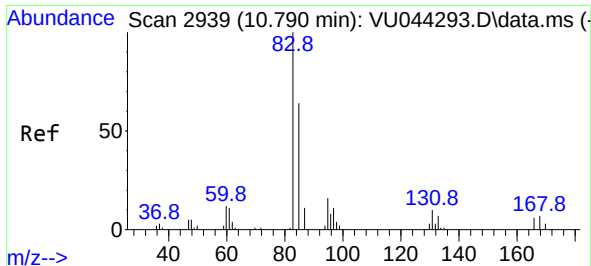
Tgt Ion:106 Resp: 86214
Ion Ratio Lower Upper
106 100
91 220.6 154.8 287.4



#55
Styrene
Concen: 5.198 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. -0.000 min
Lab File: VU044306.D
Acq: 02 Jul 2021 16:17

Tgt Ion:104 Resp: 147654
Ion Ratio Lower Upper
104 100
78 45.9 34.1 63.3

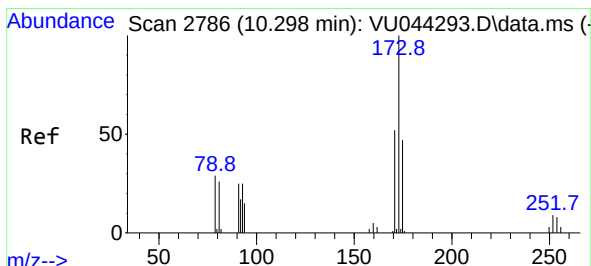
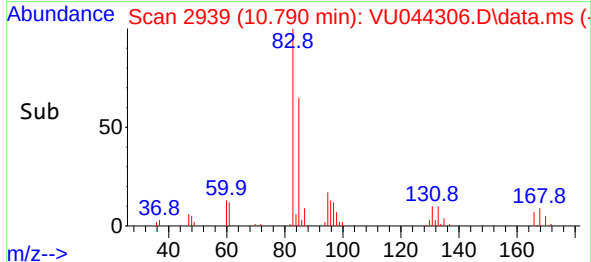
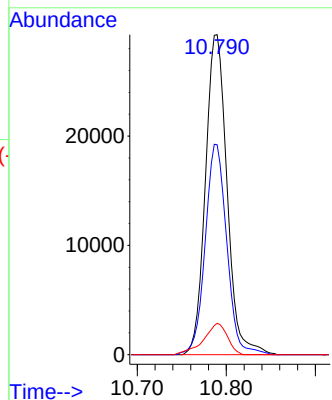
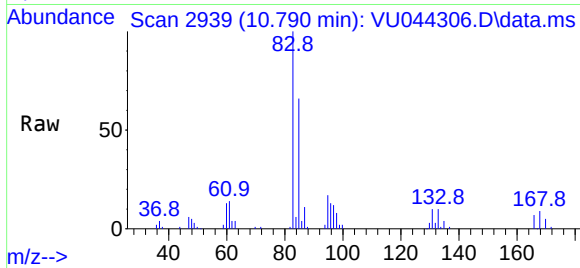




#57
1,1,2,2-Tetrachloroethane
Concen: 5.403 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. -0.000 min
Lab File: VU044306.D
Acq: 02 Jul 2021 16:17

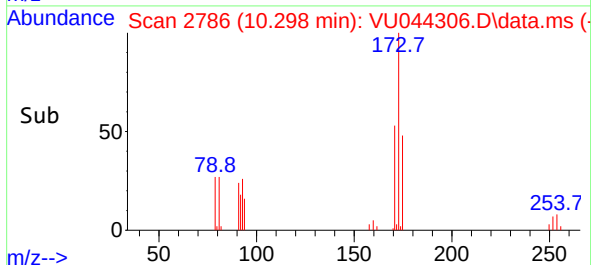
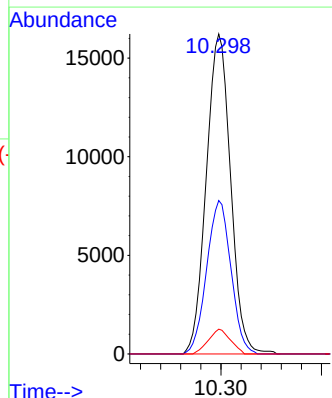
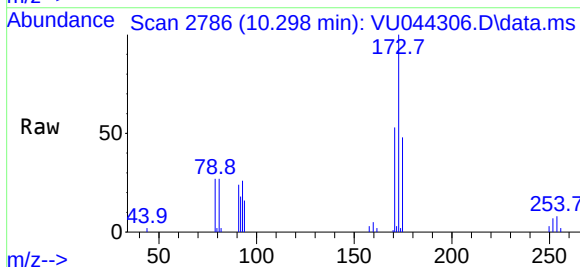
Instrument :
MSVOA_U
ClientSampleId :
DBK45MSD

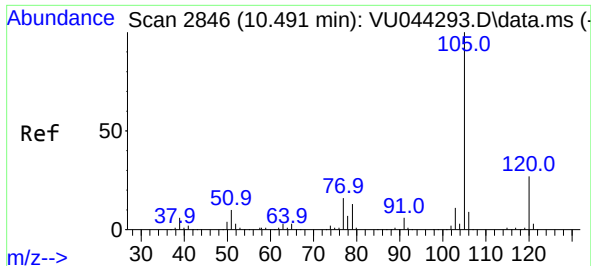
Tgt Ion:	83	Resp:	49324
Ion	Ratio	Lower	Upper
83	100		
85	65.6	45.5	84.5
131	9.8	7.9	11.9



#59
Bromoform
Concen: 5.342 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. -0.000 min
Lab File: VU044306.D
Acq: 02 Jul 2021 16:17

Tgt Ion:	173	Resp:	27214
Ion	Ratio	Lower	Upper
173	100		
175	47.9	38.0	57.0
254	7.0	6.2	9.4

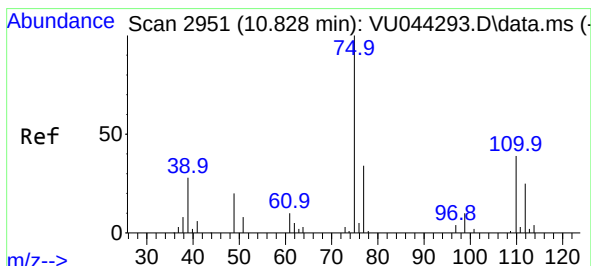
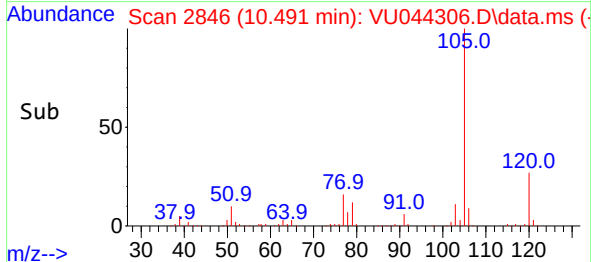
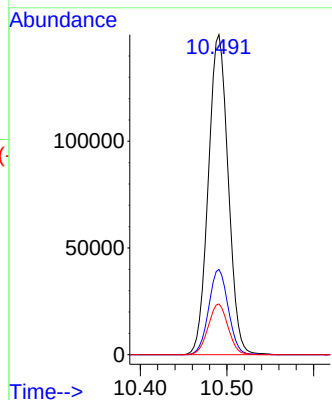
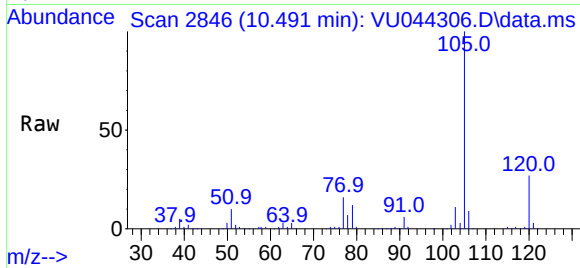




#60
Isopropylbenzene
Concen: 5.457 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU044306.D
Acq: 02 Jul 2021 16:17

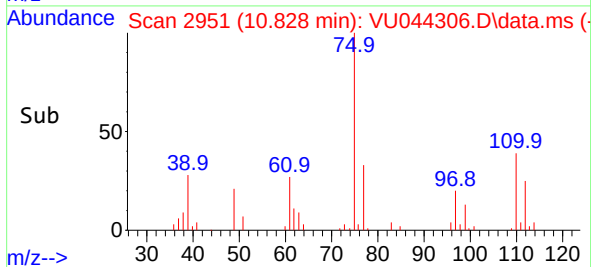
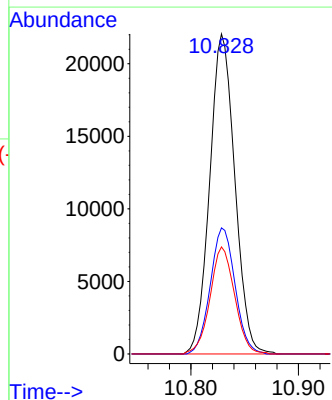
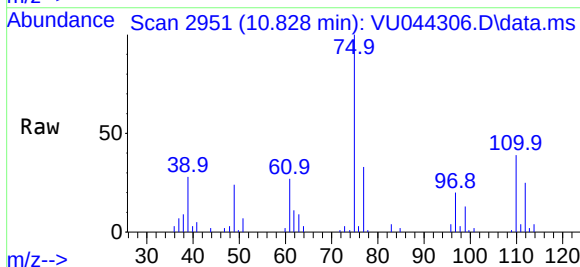
Instrument :
MSVOA_U
ClientSampled :
DBK45MSD

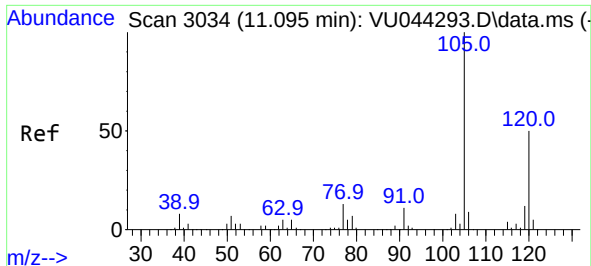
Tgt Ion:	105	Resp:	238815
Ion	Ratio	Lower	Upper
105	100		
120	26.3	20.7	31.1
77	15.8	12.9	19.3



#61
1,2,3-Trichloropropane
Concen: 5.503 ug/L
RT: 10.828 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VU044306.D
Acq: 02 Jul 2021 16:17

Tgt Ion:	75	Resp:	35753
Ion	Ratio	Lower	Upper
75	100		
110	38.9	30.5	45.7
77	32.7	26.1	39.1

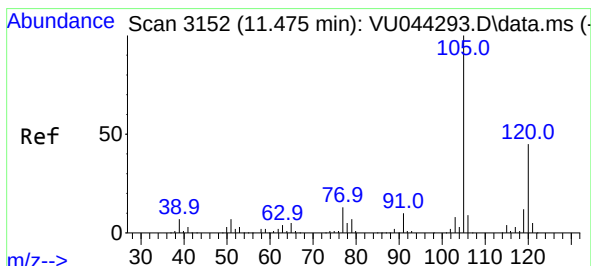
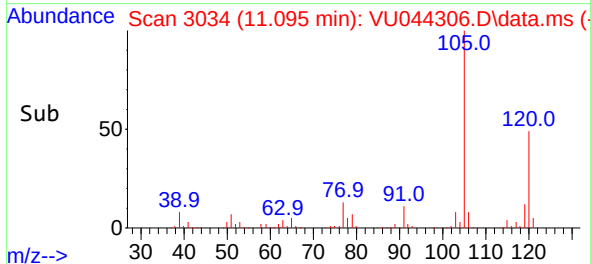
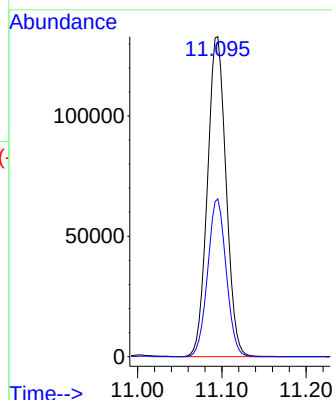
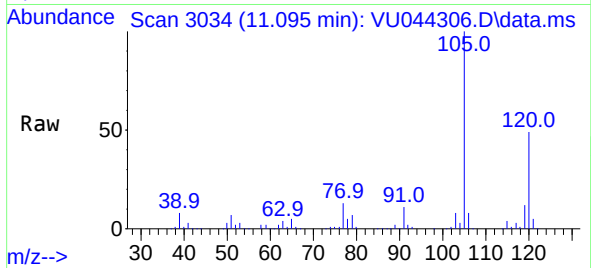




#62
1,3,5-Trimethylbenzene
Concen: 5.364 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU044306.D
Acq: 02 Jul 2021 16:17

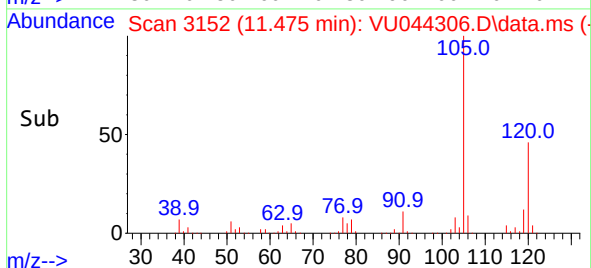
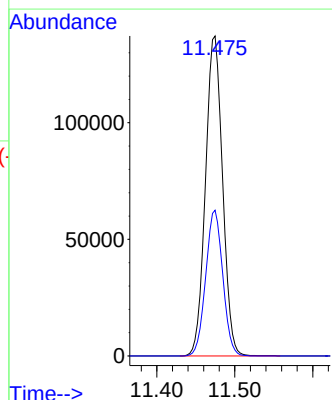
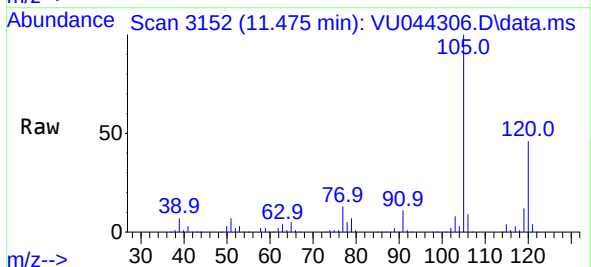
Instrument :
MSVOA_U
ClientSampleId :
DBK45MSD

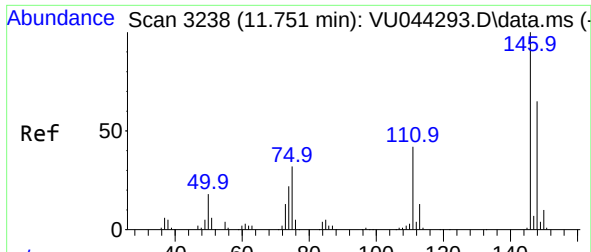
Tgt Ion:105 Resp: 204542
Ion Ratio Lower Upper
105 100
120 49.0 38.0 57.0



#63
1,2,4-Trimethylbenzene
Concen: 5.365 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU044306.D
Acq: 02 Jul 2021 16:17

Tgt Ion:105 Resp: 209241
Ion Ratio Lower Upper
105 100
120 45.4 35.6 53.4

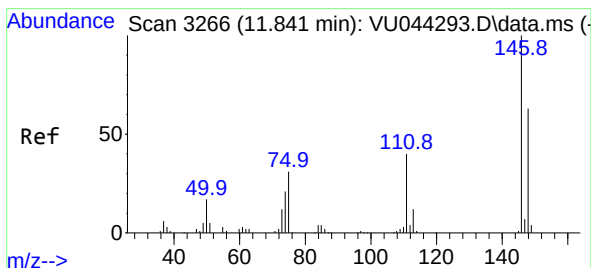
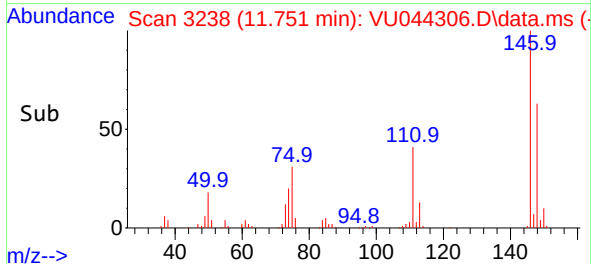
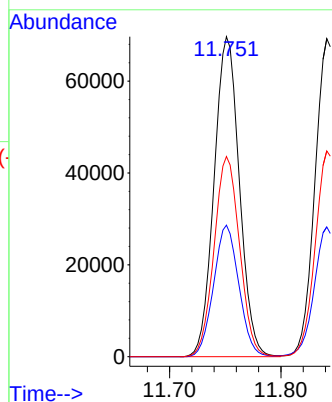
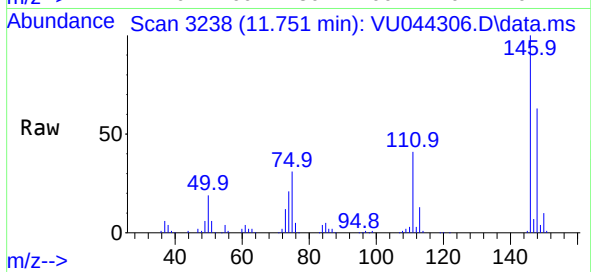




#64
1,3-Dichlorobenzene
Concen: 5.560 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. -0.000 min
Lab File: VU044306.D
Acq: 02 Jul 2021 16:17

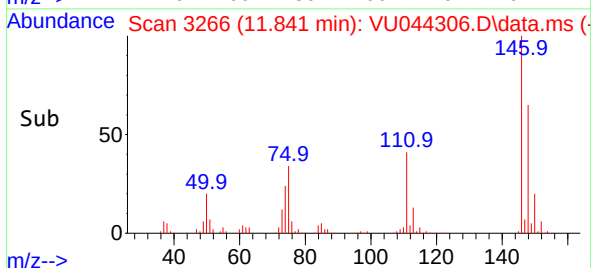
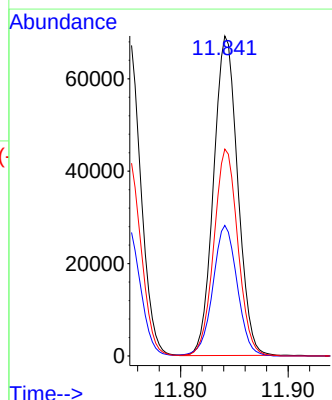
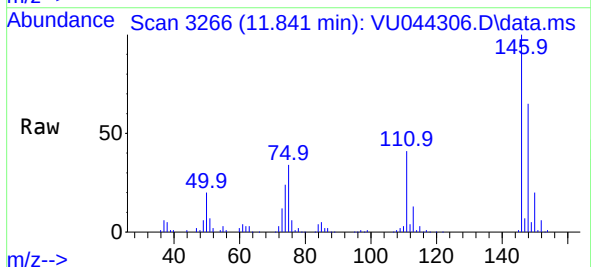
Instrument :
MSVOA_U
ClientSampled :
DBK45MSD

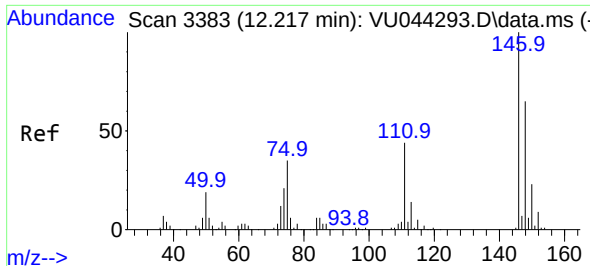
Tgt Ion:146 Resp: 109836
Ion Ratio Lower Upper
146 100
111 41.1 29.8 55.3
148 62.6 45.8 85.2



#65
1,4-Dichlorobenzene
Concen: 5.420 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. -0.000 min
Lab File: VU044306.D
Acq: 02 Jul 2021 16:17

Tgt Ion:146 Resp: 107953
Ion Ratio Lower Upper
146 100
111 40.8 28.2 52.4
148 64.7 45.1 83.9

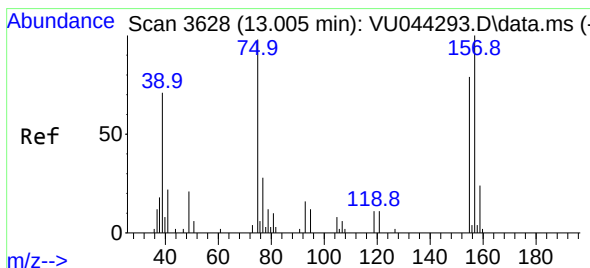
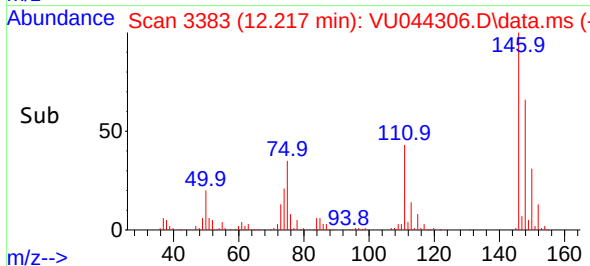
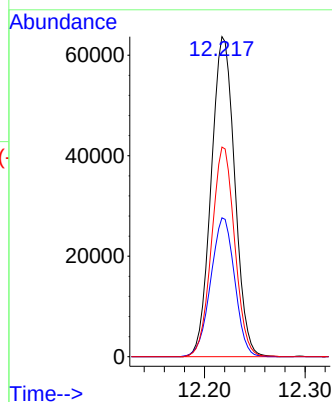
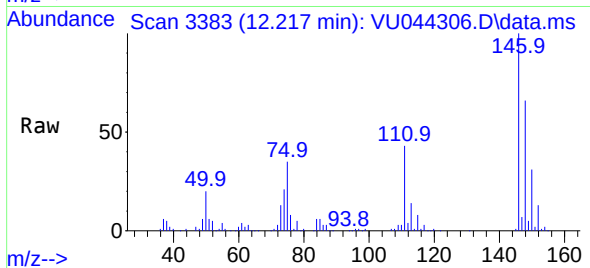




#67
1,2-Dichlorobenzene
Concen: 5.572 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. -0.000 min
Lab File: VU044306.D
Acq: 02 Jul 2021 16:17

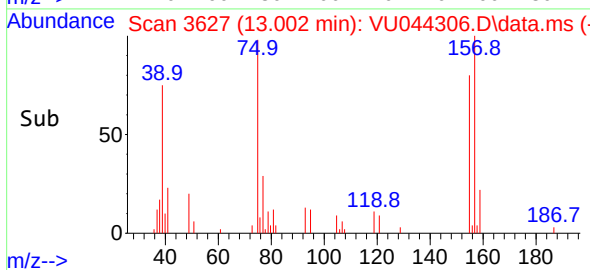
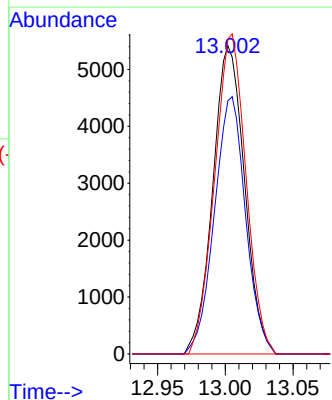
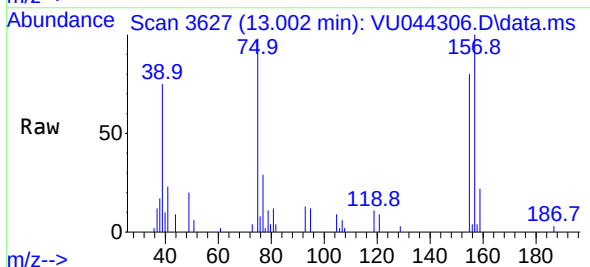
Instrument :
MSVOA_U
ClientSampleId :
DBK45MSD

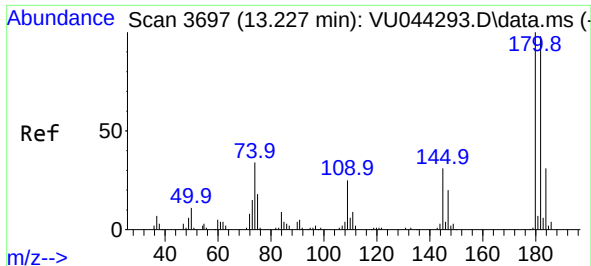
Tgt Ion:146 Resp: 103526
Ion Ratio Lower Upper
146 100
111 43.4 35.0 52.6
148 65.5 51.2 76.8



#68
1,2-Dibromo-3-chloropropane
Concen: 5.195 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. -0.003 min
Lab File: VU044306.D
Acq: 02 Jul 2021 16:17

Tgt Ion: 75 Resp: 8817
Ion Ratio Lower Upper
75 100
155 82.1 59.9 89.9
157 102.1 79.3 118.9



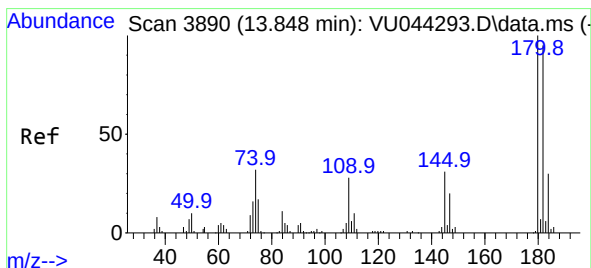
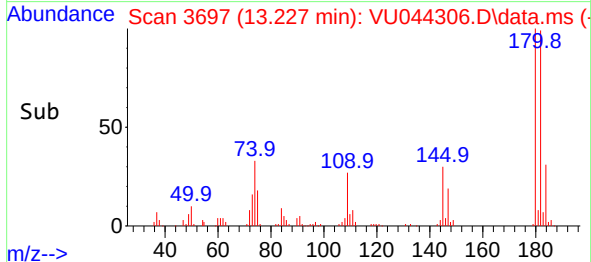
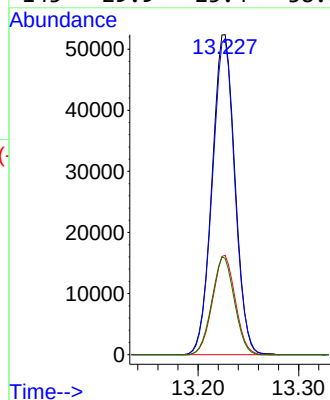
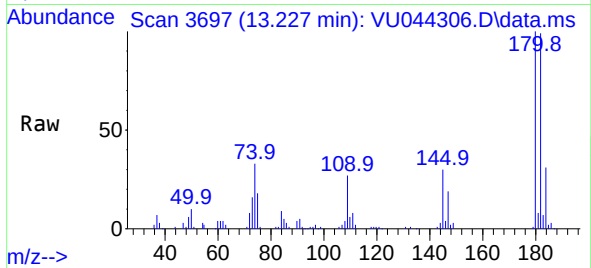


#69
1,3,5-Trichlorobenzene
Concen: 5.513 ug/L
RT: 13.227 min Scan# 3697
Delta R.T. -0.000 min
Lab File: VU044306.D
Acq: 02 Jul 2021 16:17

Instrument :
MSVOA_U
ClientSampled :
DBK45MSD

Tgt Ion:180 Resp: 83000

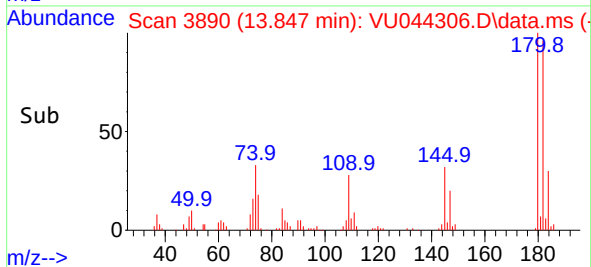
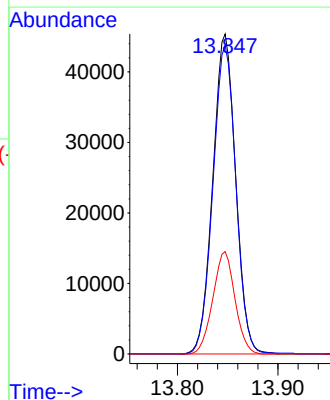
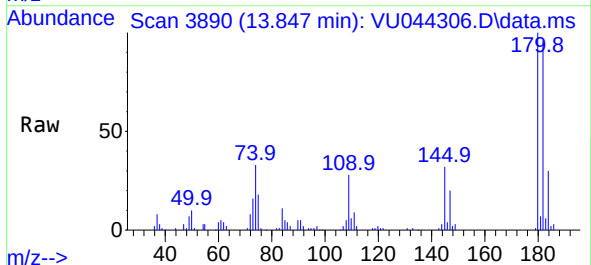
Ion	Ratio	Lower	Upper
180	100		
182	96.7	75.8	113.6
184	30.6	23.8	35.8
145	29.9	25.4	38.0

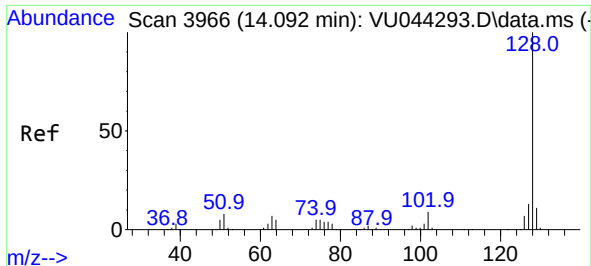


#70
1,2,4-trichlorobenzene
Concen: 5.625 ug/L
RT: 13.847 min Scan# 3890
Delta R.T. -0.000 min
Lab File: VU044306.D
Acq: 02 Jul 2021 16:17

Tgt Ion:180 Resp: 71716

Ion	Ratio	Lower	Upper
180	100		
182	96.5	75.7	113.5
145	30.9	25.6	38.4



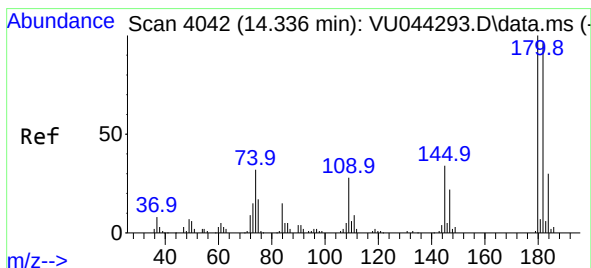
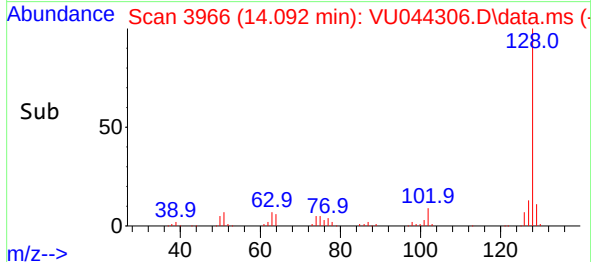
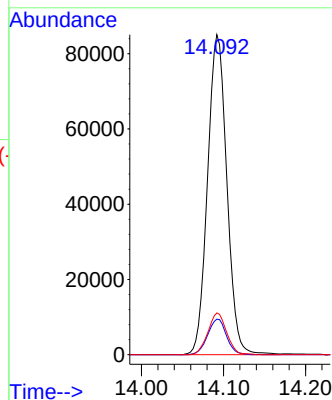
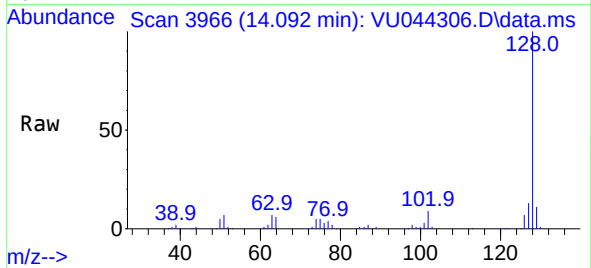


#71
Naphthalene
Concen: 6.040 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. -0.000 min
Lab File: VU044306.D
Acq: 02 Jul 2021 16:17

Instrument :
MSVOA_U
ClientSampleId :
DBK45MSD

Tgt Ion:128 Resp: 139422

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.9	13.3
127	12.6	10.3	15.5



#72
1,2,3-Trichlorobenzene
Concen: 5.843 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. -0.000 min
Lab File: VU044306.D
Acq: 02 Jul 2021 16:17

Tgt Ion:180 Resp: 64343

Ion	Ratio	Lower	Upper
180	100		
182	94.5	76.4	114.6
145	33.0	26.5	39.7

