

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102021\
 Data File : VU045345.D
 Acq On : 20 Oct 2021 14:42
 Operator : SY/MD
 Sample : MDL05
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05

Quant Time: Oct 21 02:19:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 21 01:57:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	313251	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	316631	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	143768	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	52674	38.601	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.200%
7) Chloroethane-d5	1.870	69	20893	16.022	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	32.040%#
11) 1,1-Dichloroethene-d2	2.542	63	72383	26.640	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.280%#
21) 2-Butanone-d5	4.632	46	210259	103.226	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.230%
24) Chloroform-d	5.063	84	164033	45.198	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.400%
26) 1,2-Dichloroethane-d4	5.703	65	118850	47.909	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.820%
32) Benzene-d6	5.726	84	281109	47.202	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.400%
36) 1,2-Dichloropropane-d6	6.693	67	112423	48.562	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.120%
41) Toluene-d8	7.899	98	226042	44.500	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.000%
43) trans-1,3-Dichloroprop...	8.185	79	55320	47.077	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.160%
47) 2-Hexanone-d5	8.642	63	165385	113.859	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.860%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	238170	54.420	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.840%
66) 1,2-Dichlorobenzene-d4	12.198	152	133595	53.558	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	4829	2.115	ug/L	98
3) Chloromethane	1.517	50	6634	2.567	ug/L	97
5) Vinyl chloride	1.604	62	5723	2.002	ug/L #	41
6) Bromomethane	1.822	94	1745	1.154	ug/L	91
8) Chloroethane	1.887	64	1203	0.670	ug/L	93
9) Trichlorofluoromethane	2.092	101	6629	1.907	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.552	101	5223	2.364	ug/L	92
12) 1,1-Dichloroethene	2.555	96	4662	2.289	ug/L #	1
13) Acetone	2.645	43	9204	3.881	ug/L	98
14) Carbon disulfide	2.771	76	11228	2.005	ug/L	96
15) Methyl Acetate	2.954	43	7257	2.468	ug/L	92
16) Methylene chloride	3.038	84	8413	3.207	ug/L	98
17) trans-1,2-Dichloroethene	3.343	96	4558	2.086	ug/L	98
18) Methyl tert-butyl Ether	3.372	73	16640	2.183	ug/L	99
19) 1,1-Dichloroethane	3.861	63	9741	2.178	ug/L	95
20) cis-1,2-Dichloroethene	4.661	96	5385	2.151	ug/L	96
22) 2-Butanone	4.719	43	9341	3.572	ug/L	93
23) Bromochloromethane	4.976	128	2566	2.081	ug/L	92
25) Chloroform	5.089	83	13390	2.941	ug/L	99

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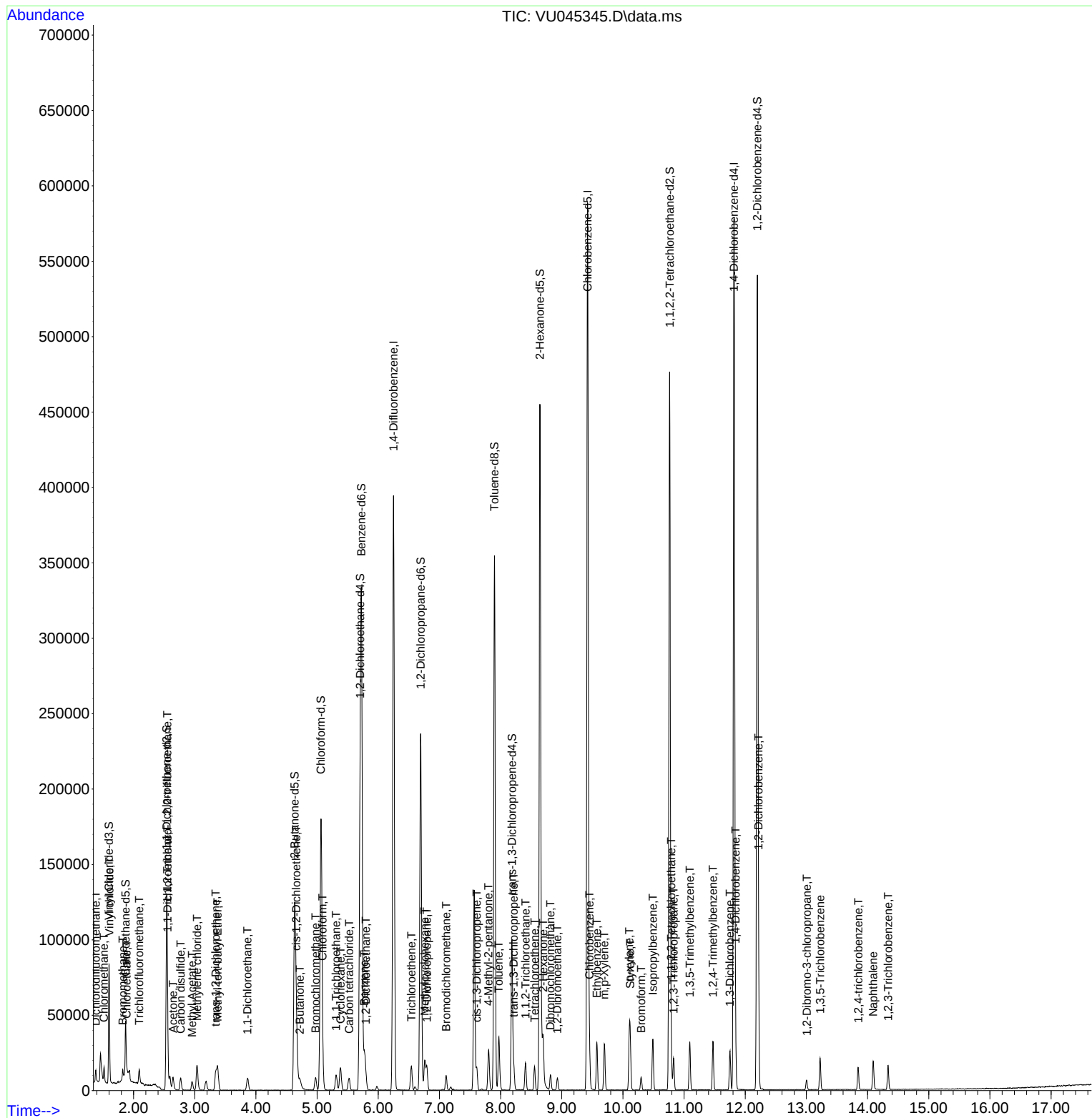
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	8206	2.257	ug/L	98
29) Cyclohexane	5.385	56	7490	1.992	ug/L	97
30) 1,1,1-Trichloroethane	5.311	97	7415	1.985	ug/L	98
31) Carbon tetrachloride	5.523	117	5549	1.924	ug/L	96
33) Benzene	5.771	78	21542	2.185	ug/L	100
34) Trichloroethene	6.542	95	4837	1.990	ug/L	96
35) Methylcyclohexane	6.761	83	7736	2.026	ug/L	97
37) 1,2-Dichloropropane	6.796	63	6058	2.260	ug/L #	94
38) Bromodichloromethane	7.111	83	6814	1.965	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	8240	2.053	ug/L	97
40) 4-Methyl-2-pentanone	7.803	43	18947	4.634	ug/L	97
42) Toluene	7.970	91	24879	2.419	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	8474	2.208	ug/L	97
45) 1,1,2-Trichloroethane	8.407	97	6009	2.339	ug/L	97
46) Tetrachloroethene	8.555	164	3470	2.061	ug/L	93
48) 2-Hexanone	8.697	43	19557	5.666	ug/L	97
49) Dibromochloromethane	8.816	129	5381	2.150	ug/L	94
50) 1,2-Dibromoethane	8.928	107	5525	2.088	ug/L	98
51) Chlorobenzene	9.452	112	14435	2.216	ug/L	97
52) Ethylbenzene	9.574	91	22774	2.041	ug/L	97
53) m,p-Xylene	9.697	106	8586	2.025	ug/L	96
54) o-xylene	10.105	106	8920	2.097	ug/L	99
55) Styrene	10.121	104	14059	1.953	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.790	83	11550	2.544	ug/L #	97
59) Bromoform	10.298	173	3575	2.268	ug/L	93
60) 1,2,3-Trichloropropane	10.828	75	8815	2.670	ug/L	99
61) Isopropylbenzene	10.491	105	21847	2.225	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	17656	2.174	ug/L	98
63) 1,2,4-Trimethylbenzene	11.471	105	17561	2.136	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	10305	2.318	ug/L	96
65) 1,4-Dichlorobenzene	11.841	146	10232	2.269	ug/L	98
67) 1,2-Dichlorobenzene	12.217	146	11075	2.465	ug/L	94
68) 1,2-Dibromo-3-chloropr...	13.005	75	1898	2.065	ug/L	96
69) 1,3,5-Trichlorobenzene	13.224	180	6566	2.146	ug/L	98
70) 1,2,4-trichlorobenzene	13.847	180	5059	1.973	ug/L	98
71) Naphthalene	14.092	128	16541	1.930	ug/L	97
72) 1,2,3-Trichlorobenzene	14.336	180	5100	1.991	ug/L	97

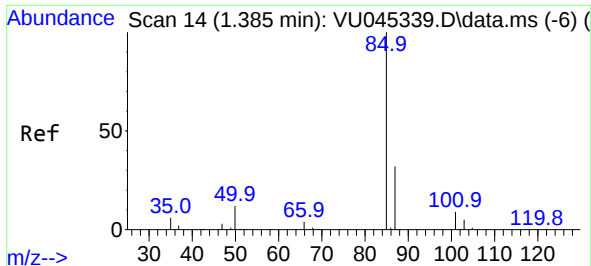
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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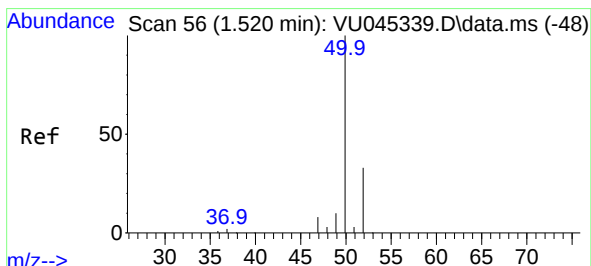
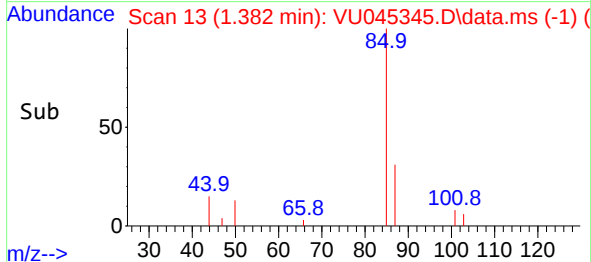
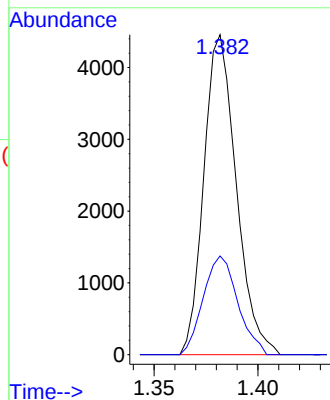
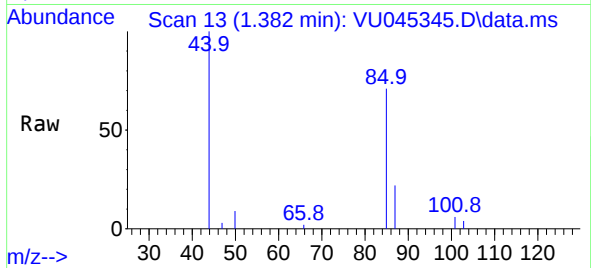




#2
Dichlorodifluoromethane
Concen: 2.115 ug/L
RT: 1.382 min Scan# 13
Delta R.T. -0.003 min
Lab File: VU045345.D
Acq: 20 Oct 2021 14:42

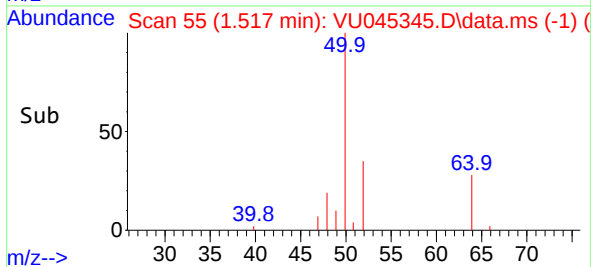
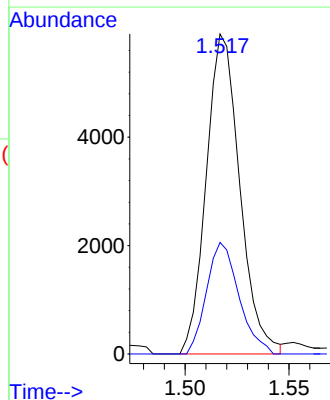
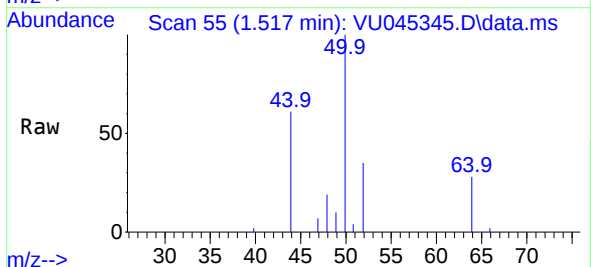
Instrument :
MSVOA_U
ClientSampleId :
MDL05

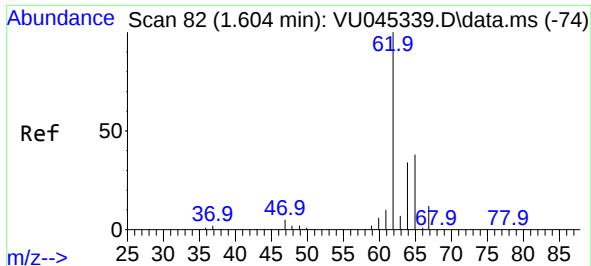
Tgt Ion: 85 Resp: 4829
Ion Ratio Lower Upper
85 100
87 32.8 25.3 37.9



#3
Chloromethane
Concen: 2.567 ug/L
RT: 1.517 min Scan# 55
Delta R.T. -0.003 min
Lab File: VU045345.D
Acq: 20 Oct 2021 14:42

Tgt Ion: 50 Resp: 6634
Ion Ratio Lower Upper
50 100
52 34.8 23.2 43.0

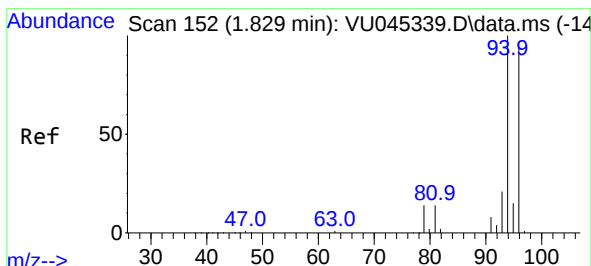
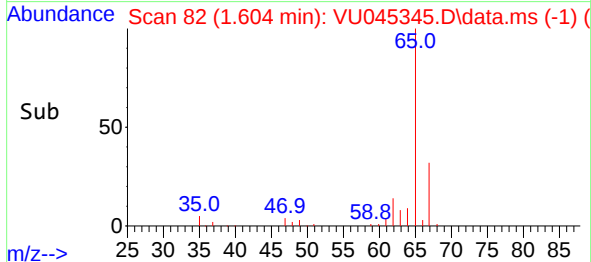
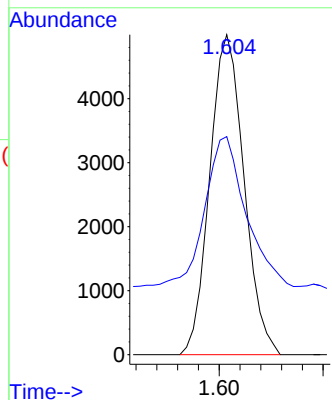
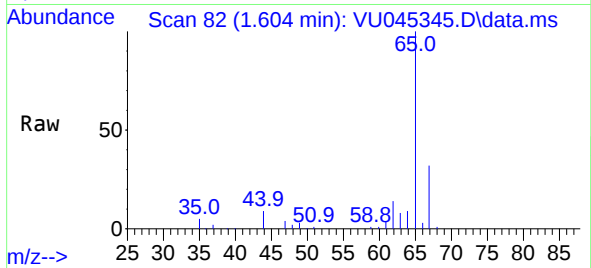




#5
 Vinyl chloride
 Concen: 2.002 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. -0.000 min
 Lab File: VU045345.D
 Acq: 20 Oct 2021 14:42

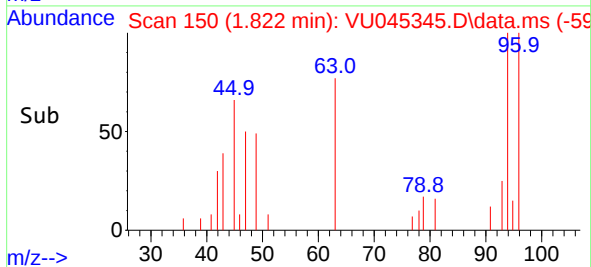
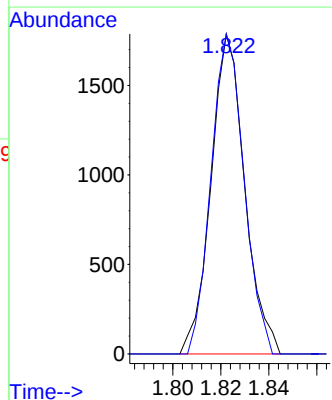
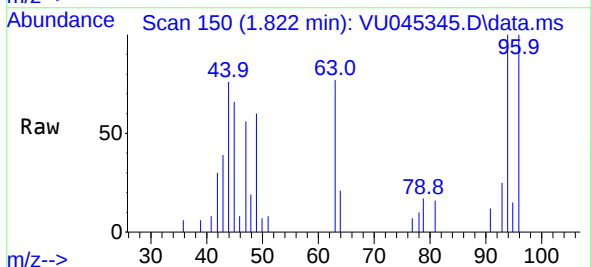
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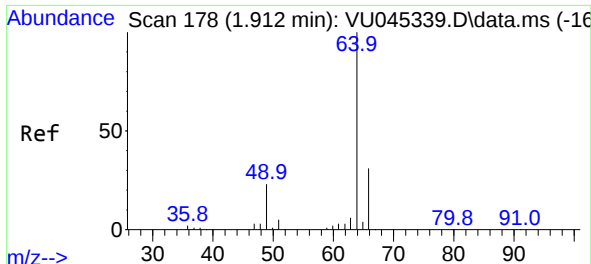
Tgt Ion: 62 Resp: 5723
 Ion Ratio Lower Upper
 62 100
 64 68.1 23.9 44.3#



#6
 Bromomethane
 Concen: 1.154 ug/L
 RT: 1.822 min Scan# 150
 Delta R.T. -0.007 min
 Lab File: VU045345.D
 Acq: 20 Oct 2021 14:42

Tgt Ion: 94 Resp: 1745
 Ion Ratio Lower Upper
 94 100
 96 100.1 64.1 119.1

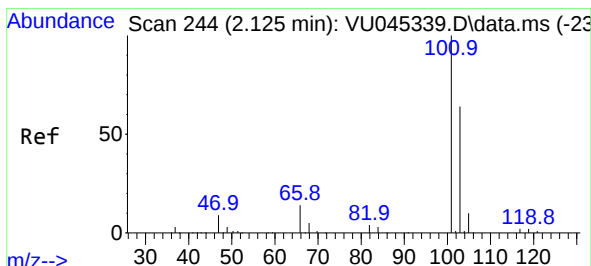
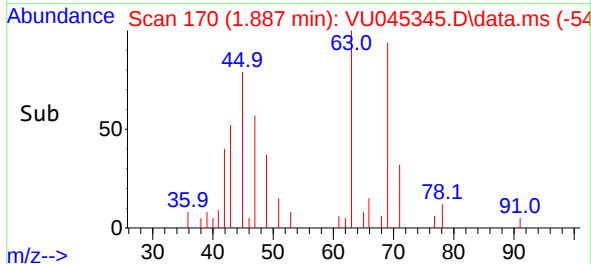
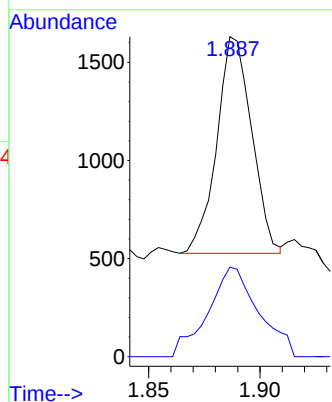
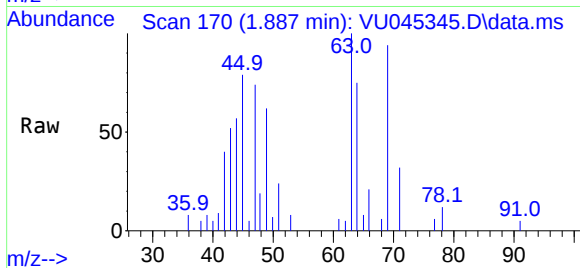




#8
Chloroethane
Concen: 0.670 ug/L
RT: 1.887 min Scan# 170
Delta R.T. -0.026 min
Lab File: VU045345.D
Acq: 20 Oct 2021 14:42

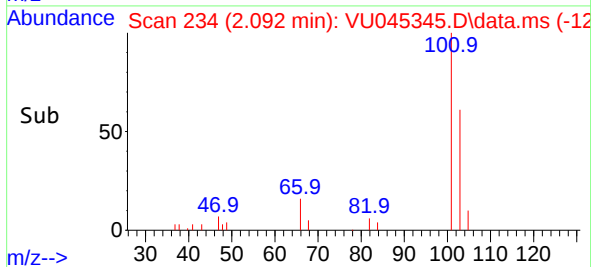
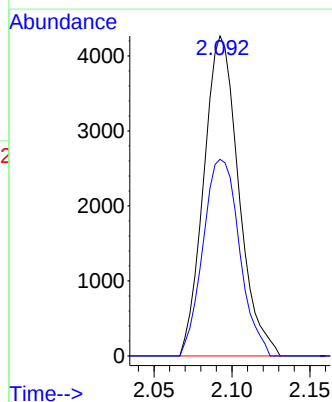
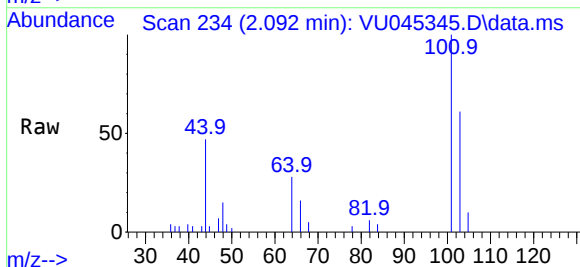
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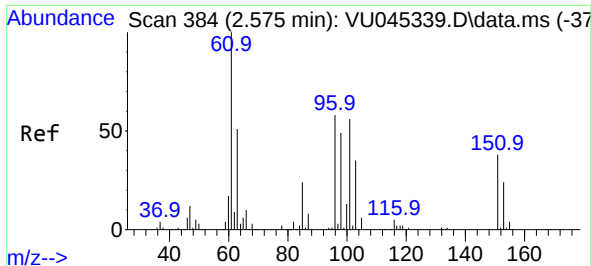
Tgt Ion: 64 Resp: 1203
Ion Ratio Lower Upper
64 100
66 28.0 22.5 41.9



#9
Trichlorofluoromethane
Concen: 1.907 ug/L
RT: 2.092 min Scan# 234
Delta R.T. -0.032 min
Lab File: VU045345.D
Acq: 20 Oct 2021 14:42

Tgt Ion:101 Resp: 6629
Ion Ratio Lower Upper
101 100
103 64.2 50.8 76.2





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 2.364 ug/L

RT: 2.552 min Scan# 377

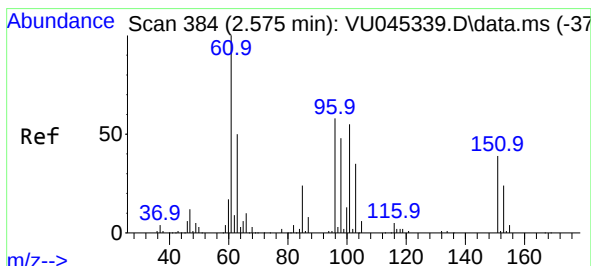
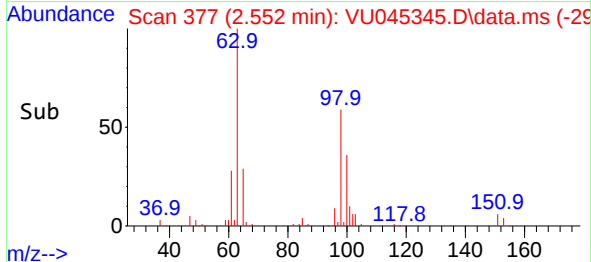
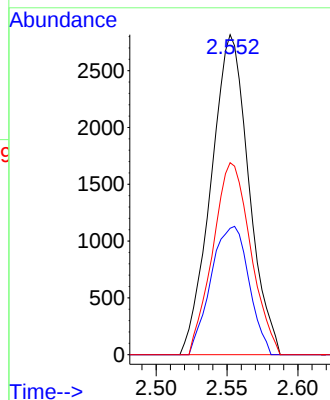
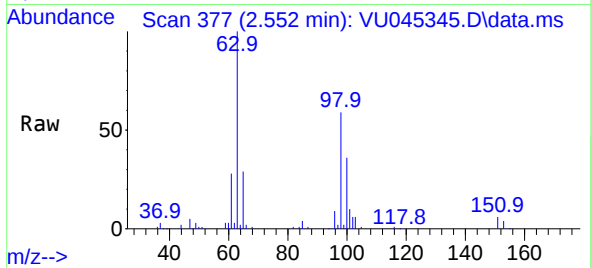
Delta R.T. -0.023 min

Lab File: VU045345.D

Acq: 20 Oct 2021 14:42

Tgt Ion:	101	Resp:	5223
Ion	Ratio	Lower	Upper
101	100		
85	40.3	35.2	52.8
151	60.1	53.9	80.9

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#12

1,1-Dichloroethene

Concen: 2.289 ug/L

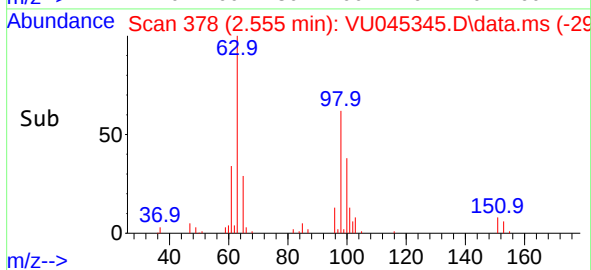
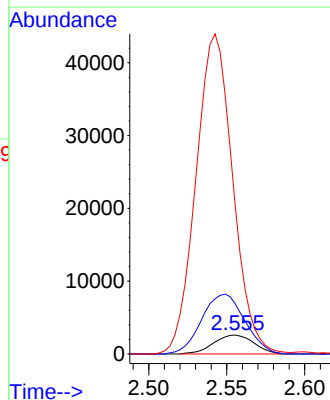
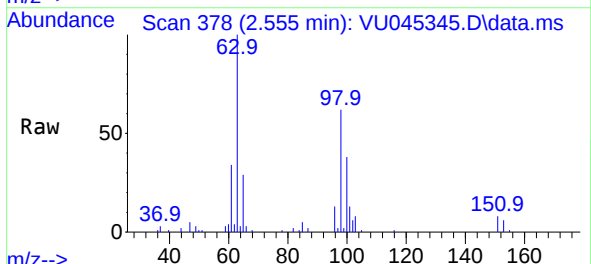
RT: 2.555 min Scan# 378

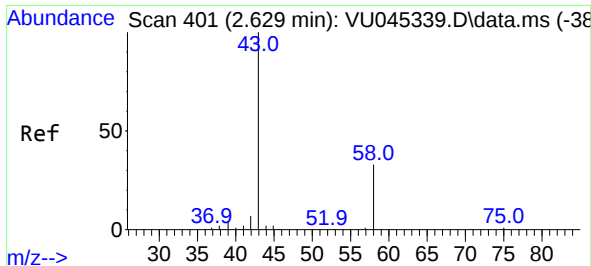
Delta R.T. -0.019 min

Lab File: VU045345.D

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Tgt Ion:	96	Resp:	4662
Ion	Ratio	Lower	Upper
96	100		
61	267.6	122.9	228.3#
63	794.1	65.3	121.3#

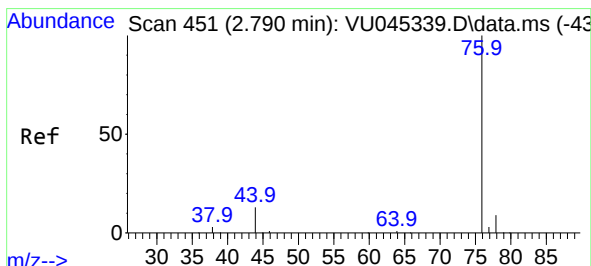
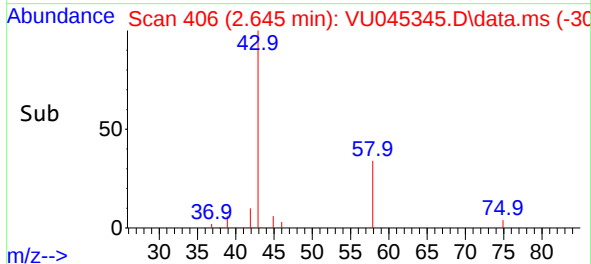
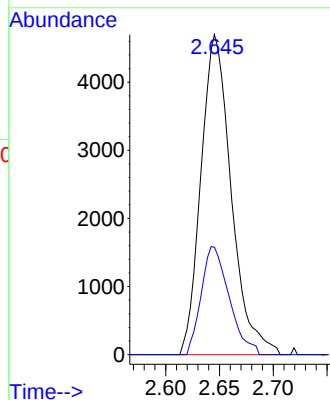
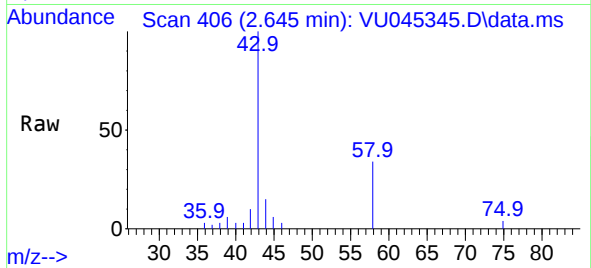




#13
Acetone
Concen: 3.881 ug/L
RT: 2.645 min Scan# 406
Delta R.T. 0.016 min
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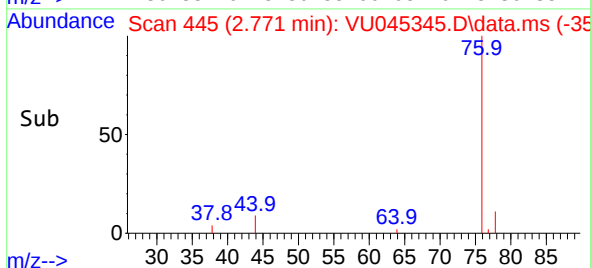
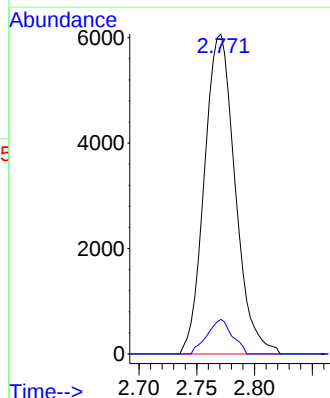
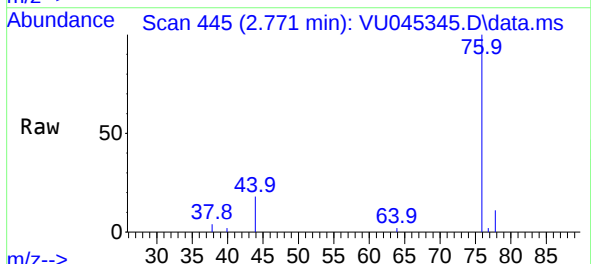
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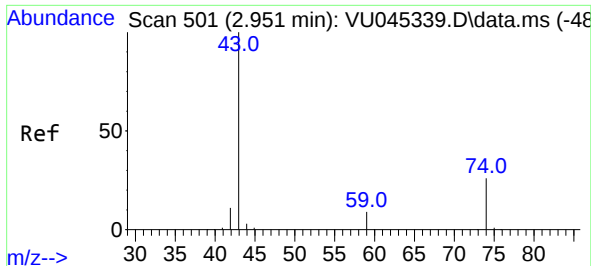
Tgt Ion: 43 Resp: 9204
Ion Ratio Lower Upper
43 100
58 31.1 0.0 64.8



#14
Carbon disulfide
Concen: 2.005 ug/L
RT: 2.771 min Scan# 445
Delta R.T. -0.019 min
Lab File: VU045345.D
Acq: 20 Oct 2021 14:42

Tgt Ion: 76 Resp: 11228
Ion Ratio Lower Upper
76 100
78 10.8 7.4 11.0

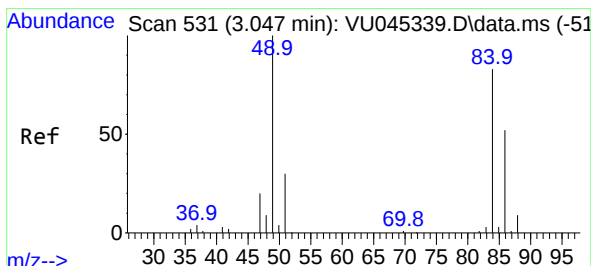
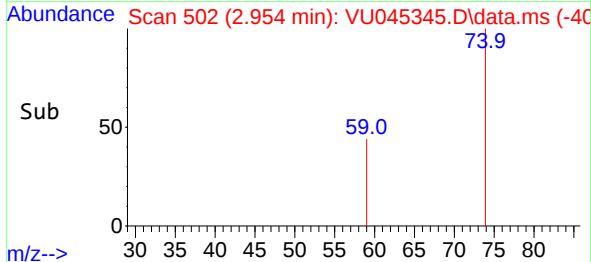
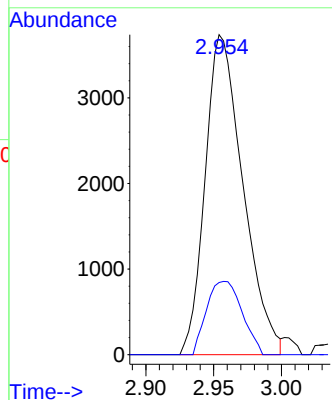
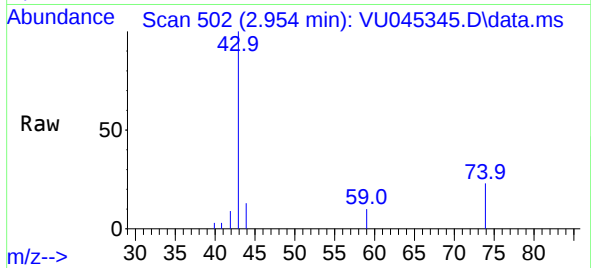




#15
Methyl Acetate
Concen: 2.468 ug/L
RT: 2.954 min Scan# 502
Delta R.T. 0.003 min
Lab File: VU045345.D
Acq: 20 Oct 2021 14:42

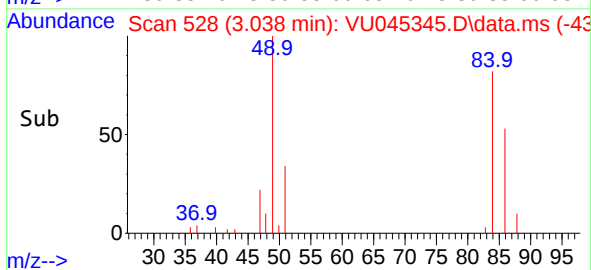
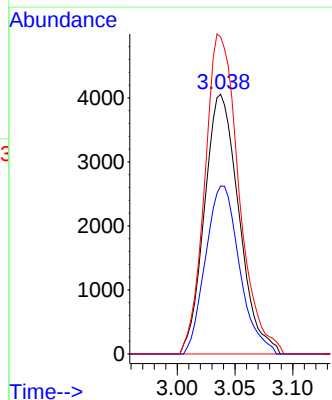
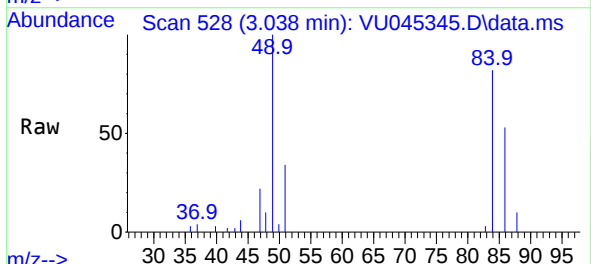
Instrument :
MSVOA_U
ClientSampleId :
MDL05

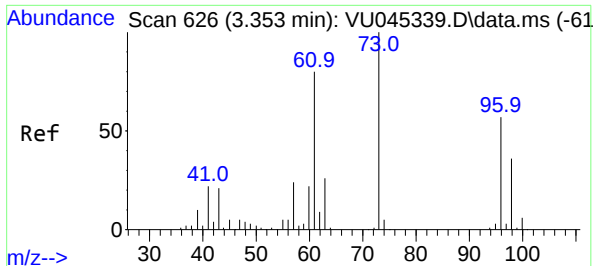
Tgt Ion: 43 Resp: 7257
Ion Ratio Lower Upper
43 100
74 21.5 20.5 30.7



#16
Methylene chloride
Concen: 3.207 ug/L
RT: 3.038 min Scan# 528
Delta R.T. -0.010 min
Lab File: VU045345.D
Acq: 20 Oct 2021 14:42

Tgt Ion: 84 Resp: 8413
Ion Ratio Lower Upper
84 100
86 64.7 44.1 81.9
49 122.1 84.2 156.4

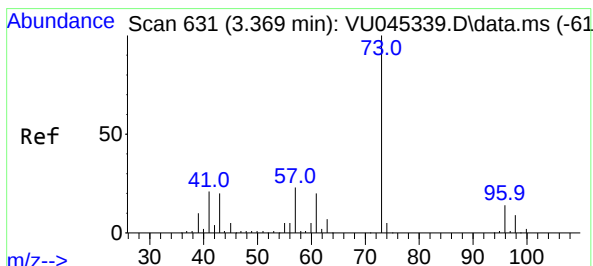
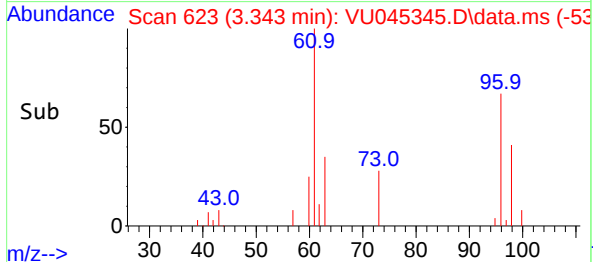
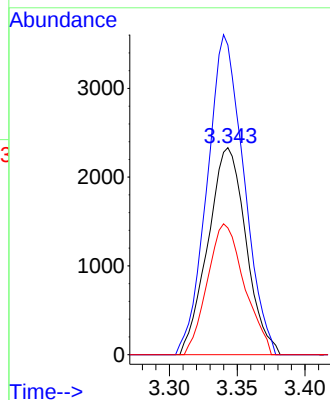
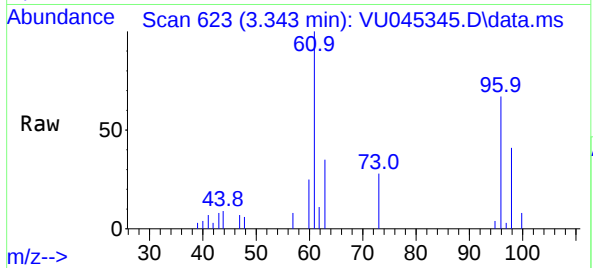




#17
trans-1,2-Dichloroethene
Concen: 2.086 ug/L
RT: 3.343 min Scan# 623
Delta R.T. -0.010 min
Lab File: VU045345.D
Acq: 20 Oct 2021 14:42

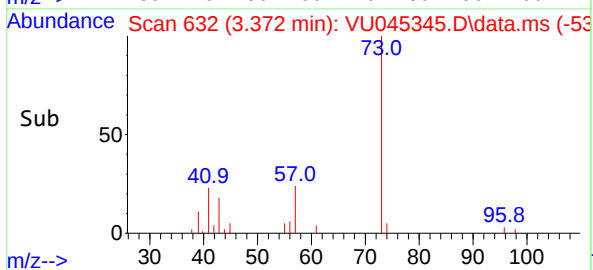
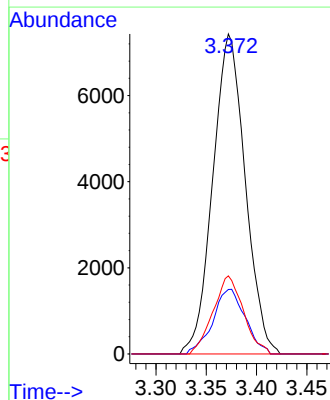
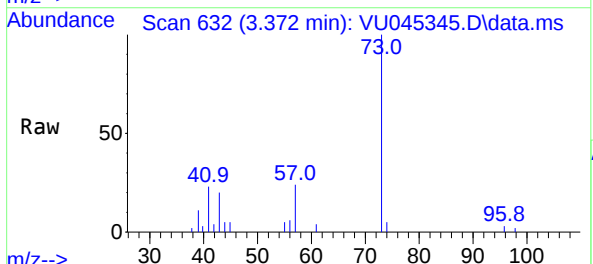
Instrument :
MSVOA_U
ClientSampleId :
MDL05

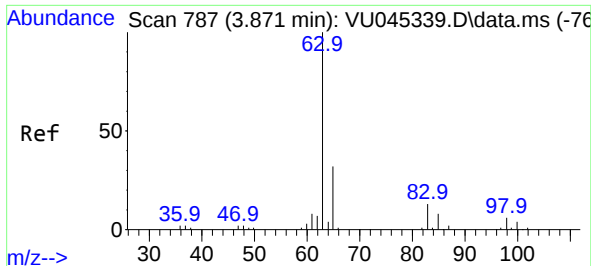
Tgt Ion: 96 Resp: 4558
Ion Ratio Lower Upper
96 100
61 149.6 104.7 194.4
98 61.2 45.8 85.2



#18
Methyl tert-butyl Ether
Concen: 2.183 ug/L
RT: 3.372 min Scan# 632
Delta R.T. 0.003 min
Lab File: VU045345.D
Acq: 20 Oct 2021 14:42

Tgt Ion: 73 Resp: 16640
Ion Ratio Lower Upper
73 100
43 20.3 16.2 24.4
57 22.8 17.9 26.9



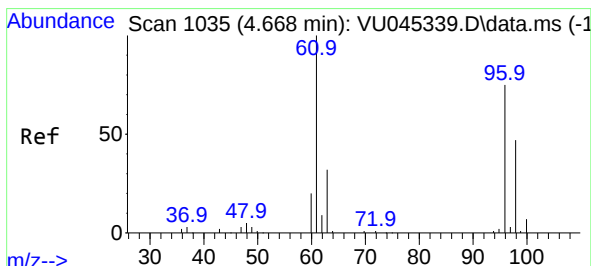
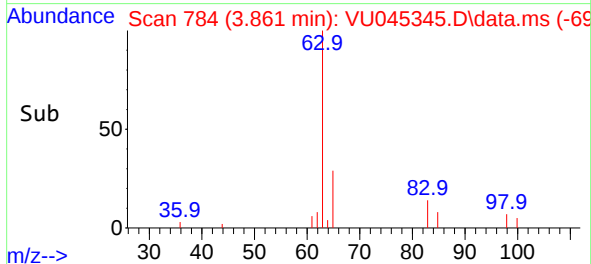
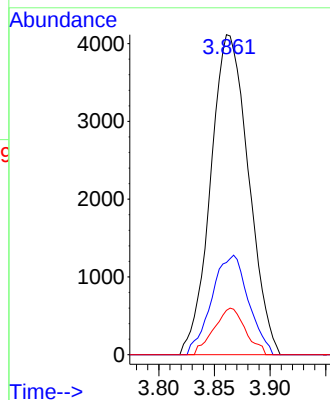
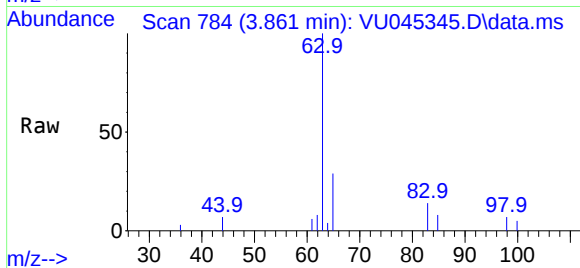


#19
1,1-Dichloroethane
Concen: 2.178 ug/L
RT: 3.861 min Scan# 784
Delta R.T. -0.010 min
Lab File: VU045345.D
Acq: 20 Oct 2021 14:42

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion: 63 Resp: 9741

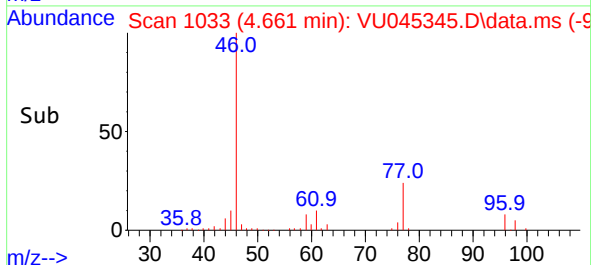
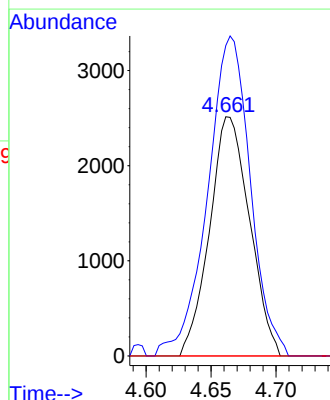
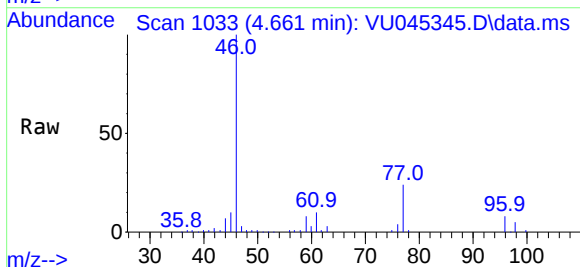
Ion	Ratio	Lower	Upper
63	100		
65	28.8	22.5	41.9
83	13.9	8.9	16.5

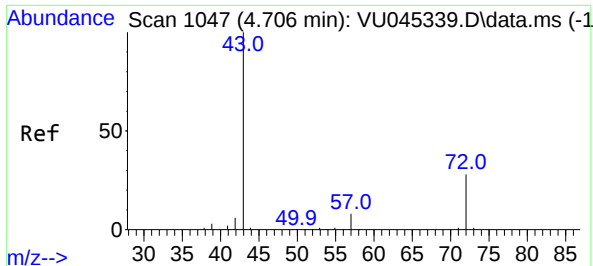


#20
cis-1,2-Dichloroethene
Concen: 2.151 ug/L
RT: 4.661 min Scan# 1033
Delta R.T. -0.007 min
Lab File: VU045345.D
Acq: 20 Oct 2021 14:42

Tgt Ion: 96 Resp: 5385

Ion	Ratio	Lower	Upper
96	100		
61	129.7	94.2	175.0
68	0.0	0.0	0.0





#22

2-Butanone

Concen: 3.572 ug/L

RT: 4.719 min Scan# 1051

Delta R.T. 0.013 min

Lab File: VU045345.D

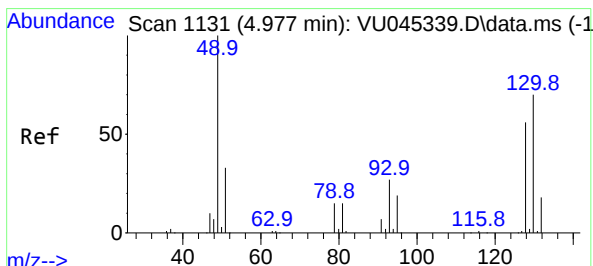
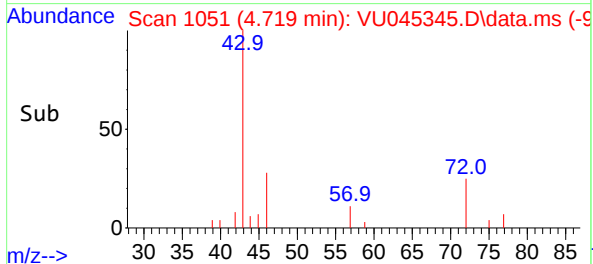
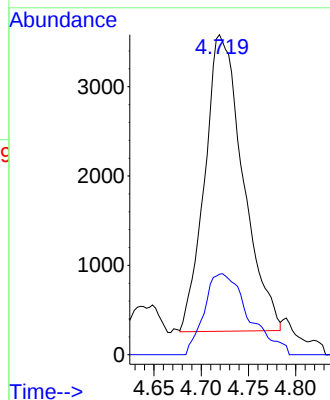
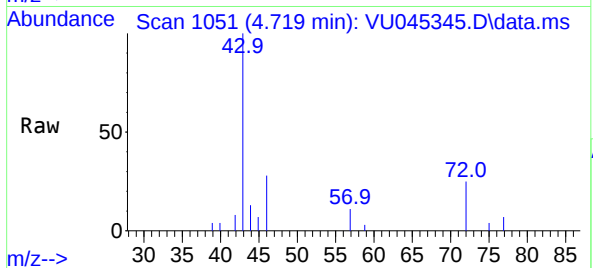
Acq: 20 Oct 2021 14:42

Tgt Ion: 43 Resp: 9341

Ion Ratio Lower Upper

43 100

72 31.6 14.1 42.2



#23

Bromochloromethane

Concen: 2.081 ug/L

RT: 4.976 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VU045345.D

Acq: 20 Oct 2021 14:42

Tgt Ion: 128 Resp: 2566

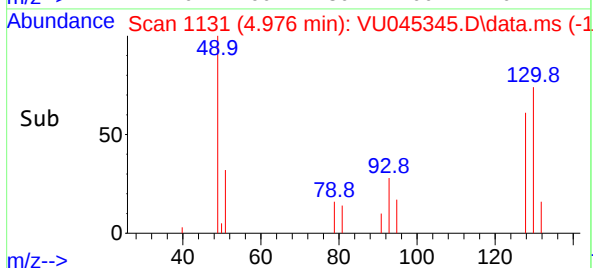
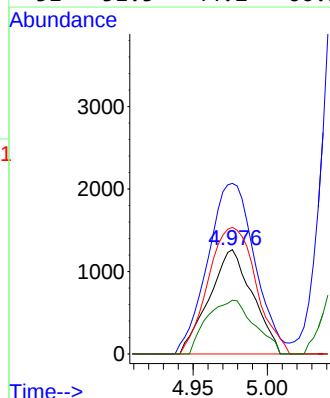
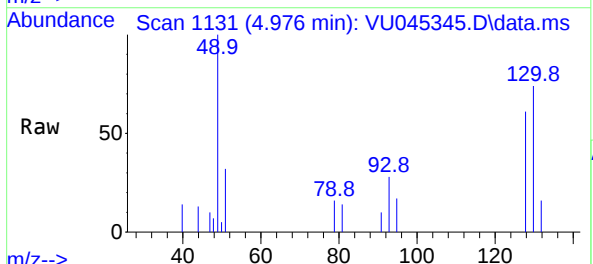
Ion Ratio Lower Upper

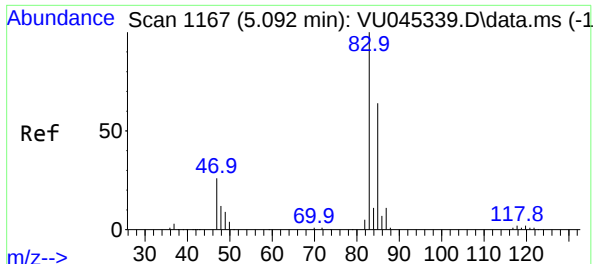
128 100

49 163.4 123.8 229.8

130 121.2 89.8 166.8

51 51.5 44.2 66.2



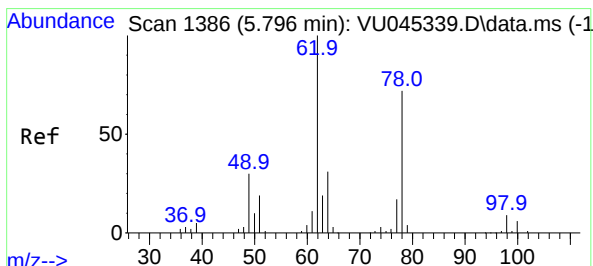
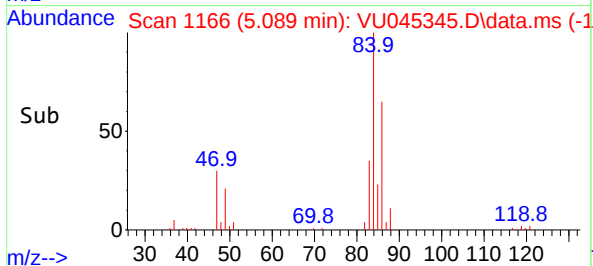
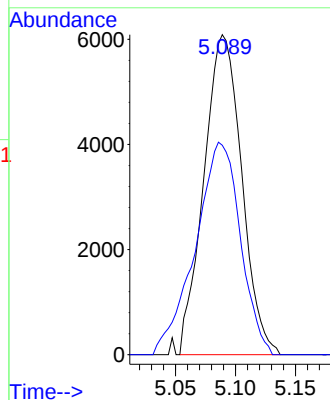
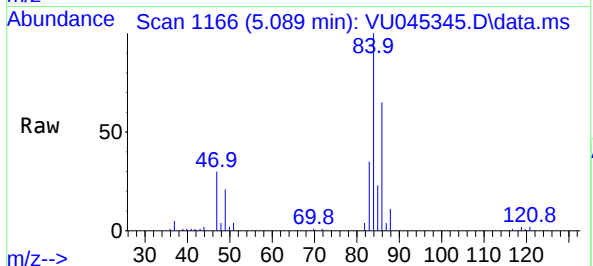


#25

Chloroform
Concen: 2.941 ug/L
RT: 5.089 min Scan# 1166
Delta R.T. -0.003 min
Lab File: VU045345.D
Acq: 20 Oct 2021 14:42

Instrument :
MSVOA_U
ClientSampleId :
MDL05

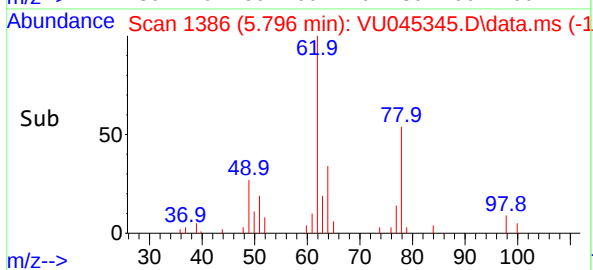
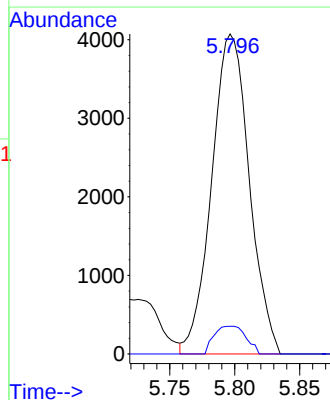
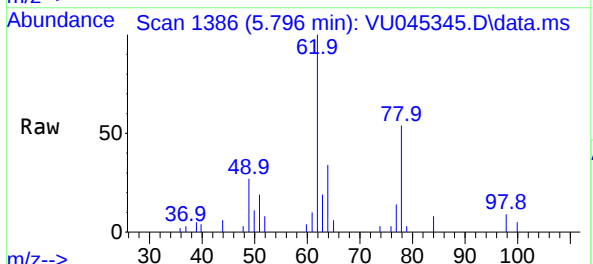
Tgt Ion: 83 Resp: 13390
Ion Ratio Lower Upper
83 100
85 65.4 45.4 84.2

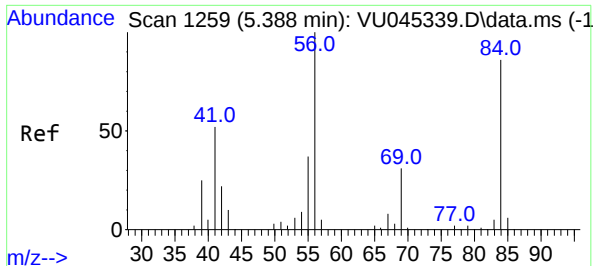


#27

1,2-Dichloroethane
Concen: 2.257 ug/L
RT: 5.796 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VU045345.D
Acq: 20 Oct 2021 14:42

Tgt Ion: 62 Resp: 8206
Ion Ratio Lower Upper
62 100
98 8.7 7.4 11.2





#29

Cyclohexane

Concen: 1.992 ug/L

RT: 5.385 min Scan# 1258

Delta R.T. -0.003 min

Lab File: VU045345.D

Acq: 20 Oct 2021 14:42

Tgt Ion: 56 Resp: 7490

Ion Ratio Lower Upper

56 100

69 30.1 24.8 37.2

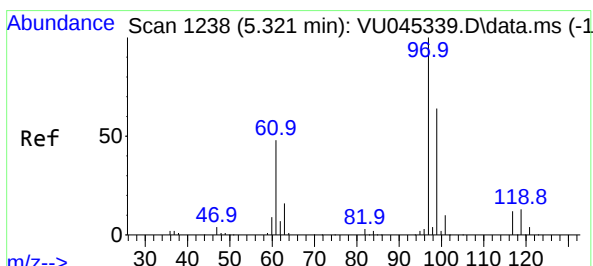
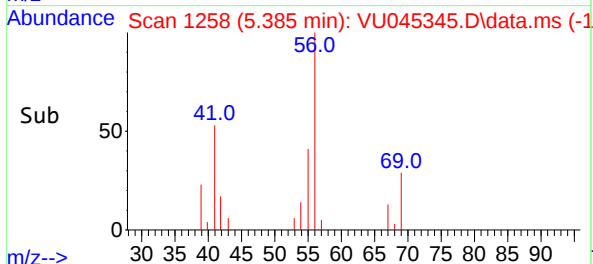
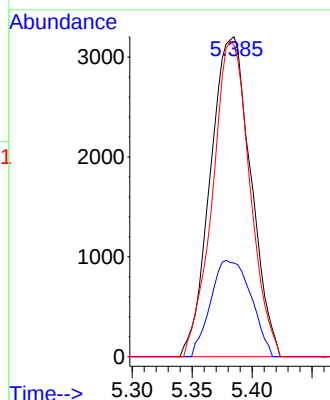
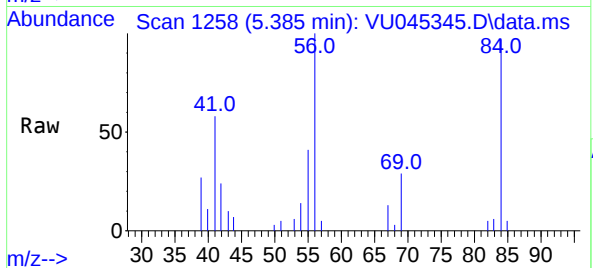
84 91.0 70.3 105.5

Instrument :

MSVOA_U

ClientSampleId :

MDL05



#30

1,1,1-Trichloroethane

Concen: 1.985 ug/L

RT: 5.311 min Scan# 1235

Delta R.T. -0.010 min

Lab File: VU045345.D

Acq: 20 Oct 2021 14:42

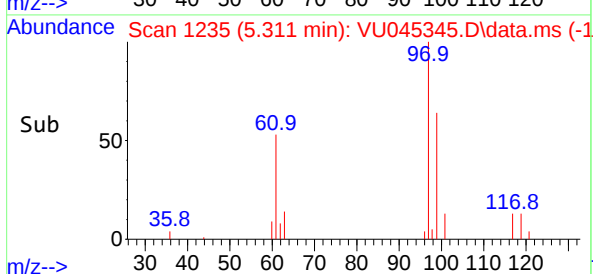
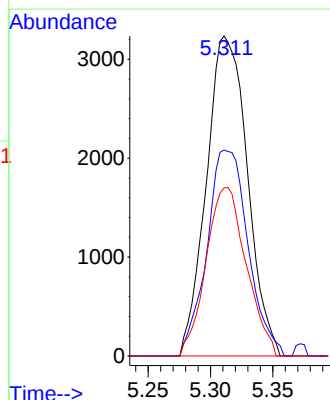
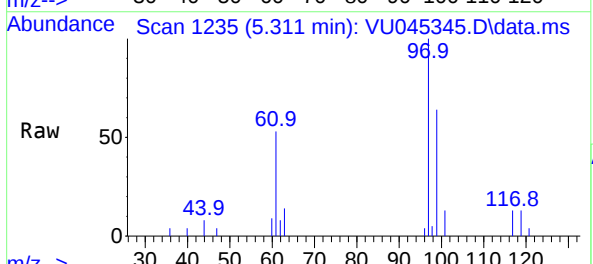
Tgt Ion: 97 Resp: 7415

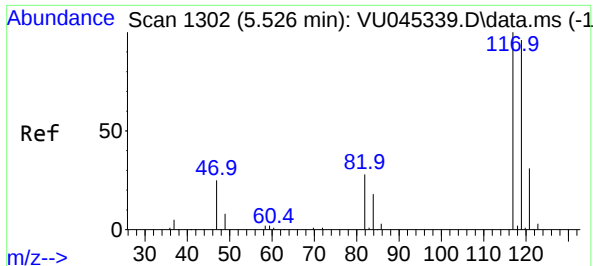
Ion Ratio Lower Upper

97 100

99 64.6 51.5 77.3

61 51.6 39.2 58.8

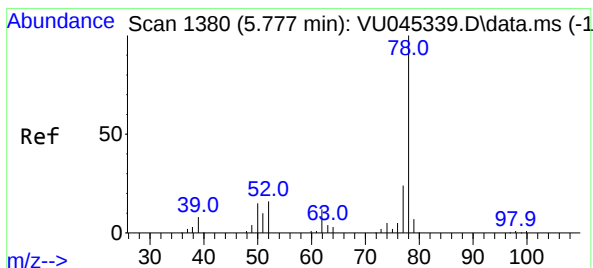
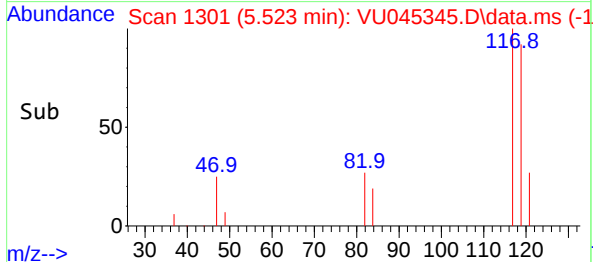
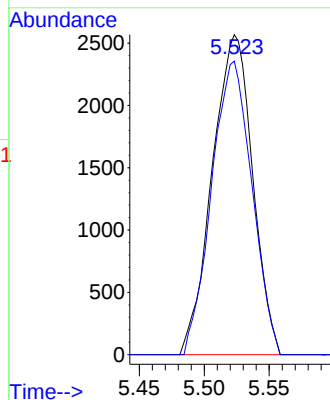
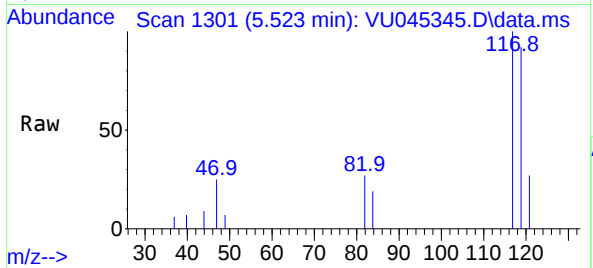




#31
Carbon tetrachloride
Concen: 1.924 ug/L
RT: 5.523 min Scan# 1301
Delta R.T. -0.003 min
Lab File: VU045345.D
Acq: 20 Oct 2021 14:42

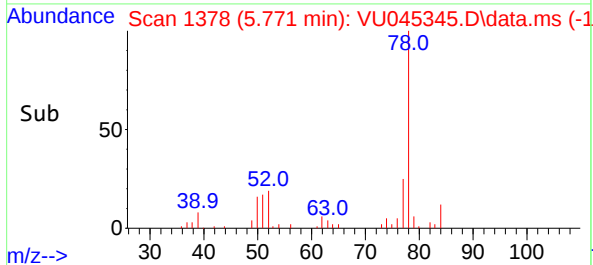
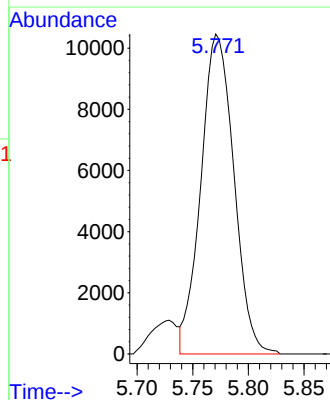
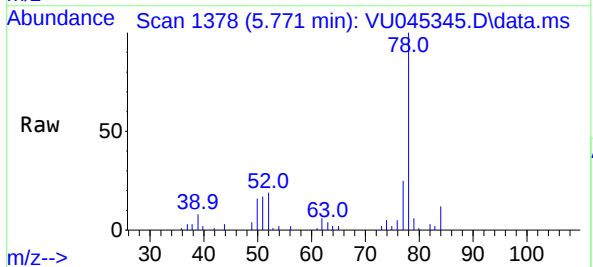
Instrument :
MSVOA_U
ClientSampleId :
MDL05

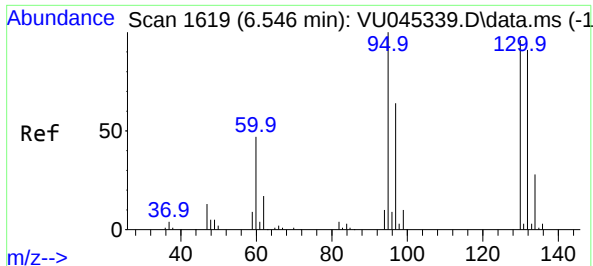
Tgt Ion:117 Resp: 5549
Ion Ratio Lower Upper
117 100
119 91.5 76.7 115.1



#33
Benzene
Concen: 2.185 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.007 min
Lab File: VU045345.D
Acq: 20 Oct 2021 14:42

Tgt Ion: 78 Resp: 21542



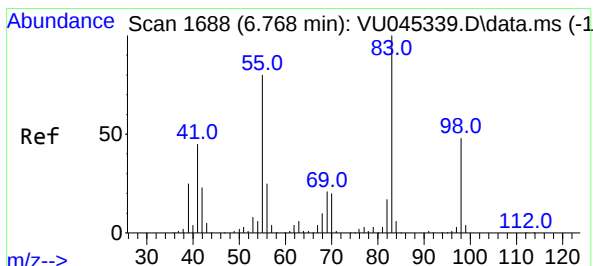
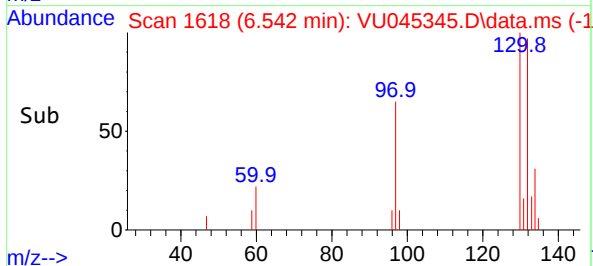
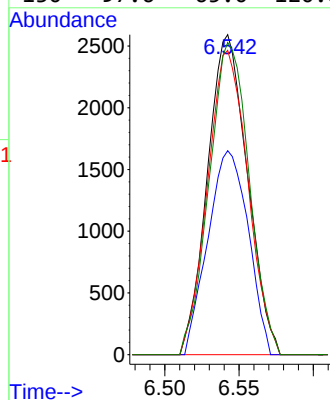
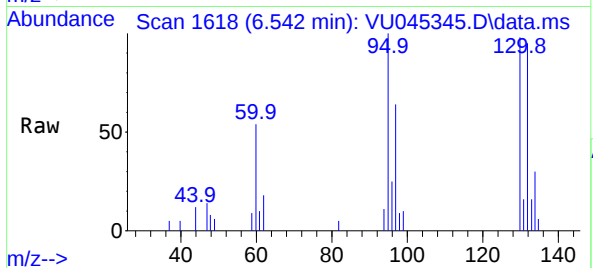


#34
Trichloroethene
Concen: 1.990 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU045345.D
Acq: 20 Oct 2021 14:42

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion: 95 Resp: 4837

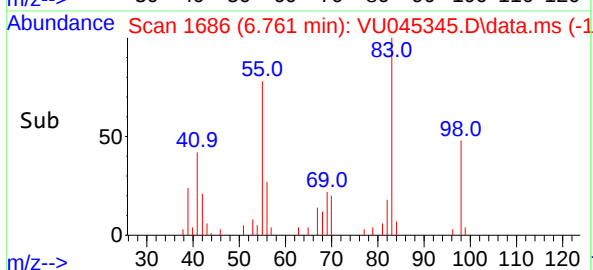
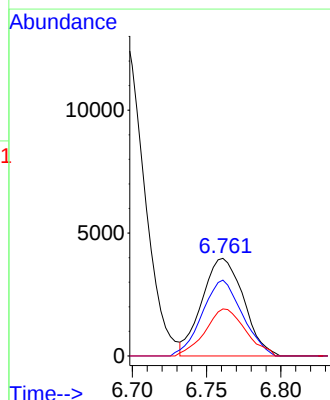
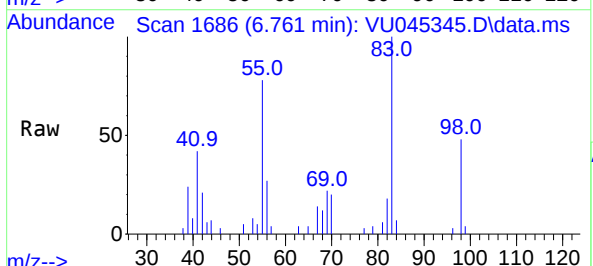
Ion	Ratio	Lower	Upper
95	100		
97	63.7	44.9	83.3
132	95.1	63.0	117.0
130	97.6	65.0	120.8

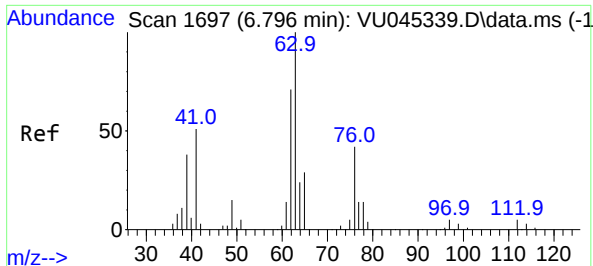


#35
Methylcyclohexane
Concen: 2.026 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.007 min
Lab File: VU045345.D
Acq: 20 Oct 2021 14:42

Tgt Ion: 83 Resp: 7736

Ion	Ratio	Lower	Upper
83	100		
55	74.9	63.4	95.0
98	46.8	37.9	56.9

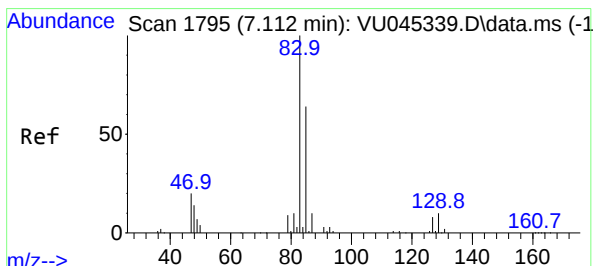
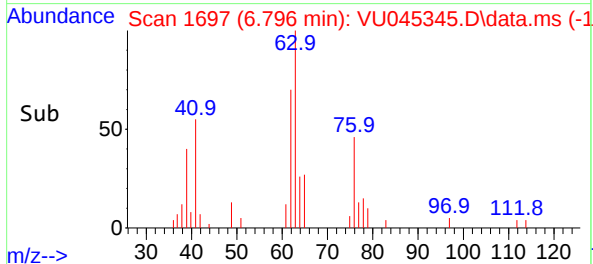
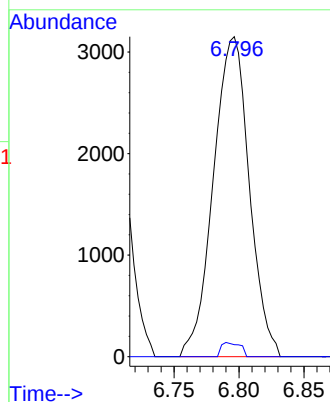
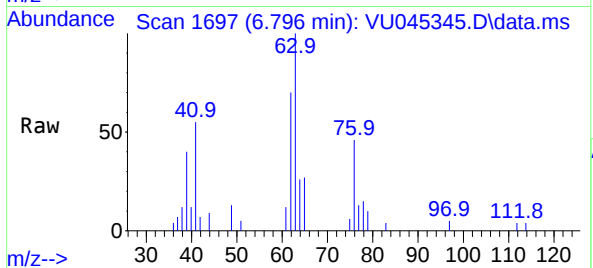




#37
1,2-Dichloropropane
Concen: 2.260 ug/L
RT: 6.796 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VU045345.D
Acq: 20 Oct 2021 14:42

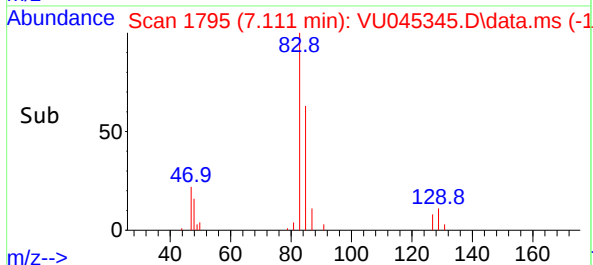
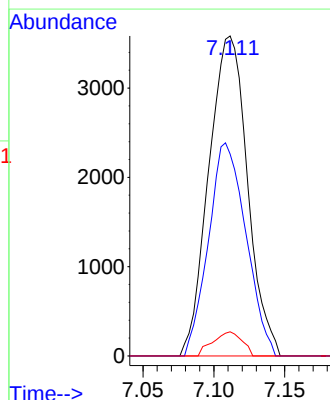
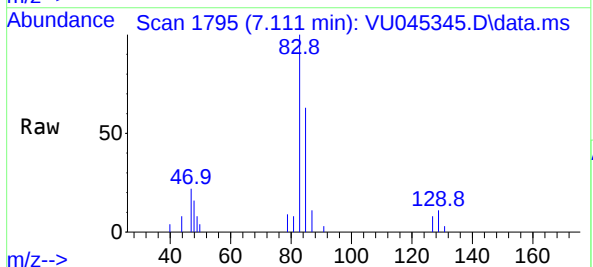
Instrument :
MSVOA_U
ClientSampleId :
MDL05

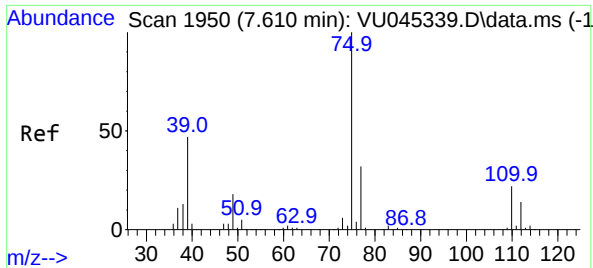
Tgt Ion: 63 Resp: 6058
Ion Ratio Lower Upper
63 100
112 2.0 3.3 4.9#



#38
Bromodichloromethane
Concen: 1.965 ug/L
RT: 7.111 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VU045345.D
Acq: 20 Oct 2021 14:42

Tgt Ion: 83 Resp: 6814
Ion Ratio Lower Upper
83 100
85 63.1 45.5 84.5
127 7.5 6.3 9.5

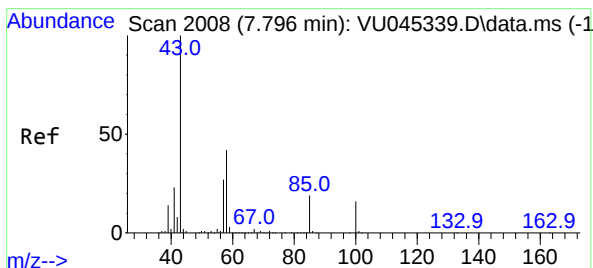
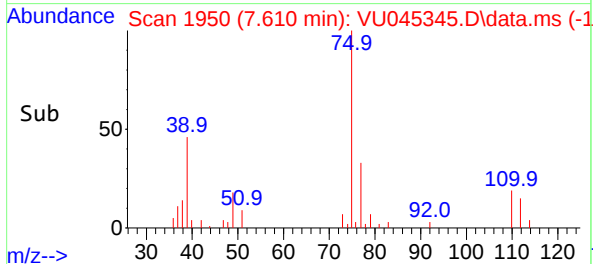
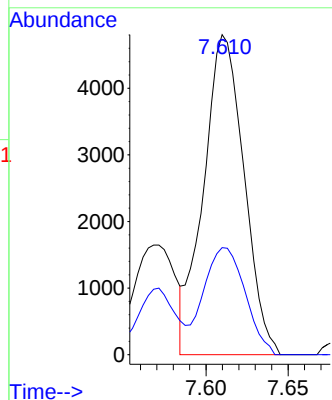
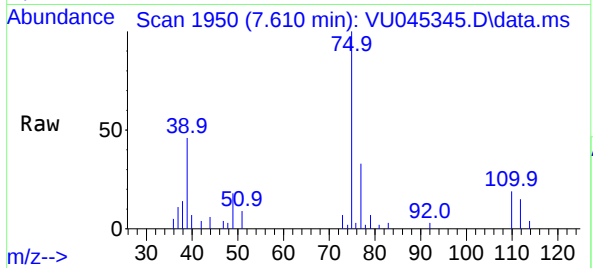




#39
cis-1,3-Dichloropropene
Concen: 2.053 ug/L
RT: 7.610 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VU045345.D
Acq: 20 Oct 2021 14:42

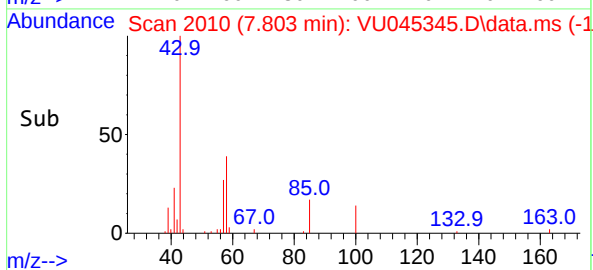
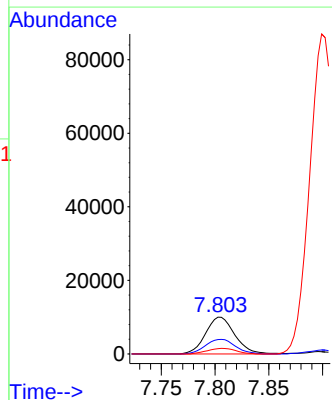
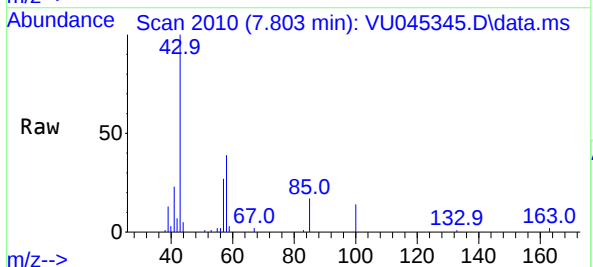
Instrument :
MSVOA_U
ClientSampleId :
MDL05

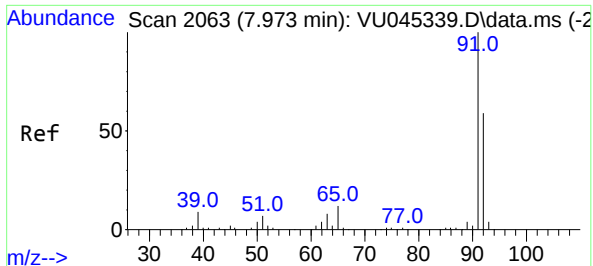
Tgt Ion: 75 Resp: 8240
Ion Ratio Lower Upper
75 100
77 32.4 21.6 40.0



#40
4-Methyl-2-pentanone
Concen: 4.634 ug/L
RT: 7.803 min Scan# 2010
Delta R.T. 0.006 min
Lab File: VU045345.D
Acq: 20 Oct 2021 14:42

Tgt Ion: 43 Resp: 18947
Ion Ratio Lower Upper
43 100
58 40.2 33.7 50.5
100 14.9 13.0 19.4





#42

Toluene

Concen: 2.419 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.003 min

Lab File: VU045345.D

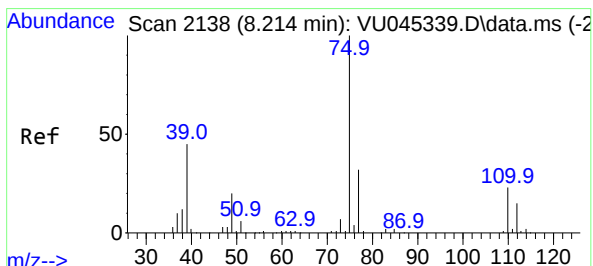
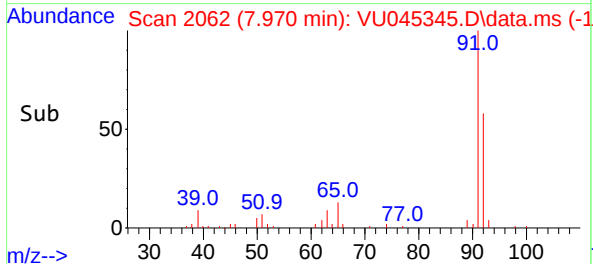
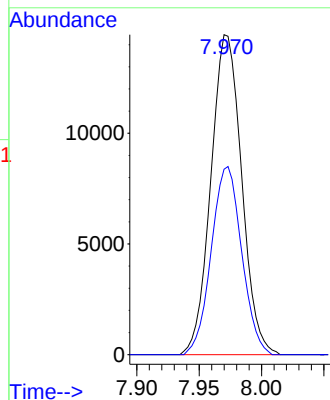
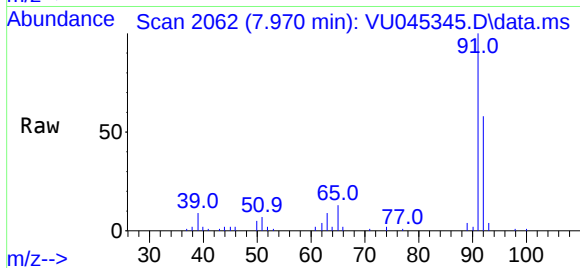
Acq: 20 Oct 2021 14:42

Tgt Ion: 91 Resp: 24879

Ion Ratio Lower Upper

91 100

92 57.9 41.2 76.6



#44

trans-1,3-Dichloropropene

Concen: 2.208 ug/L

RT: 8.214 min Scan# 2138

Delta R.T. -0.000 min

Lab File: VU045345.D

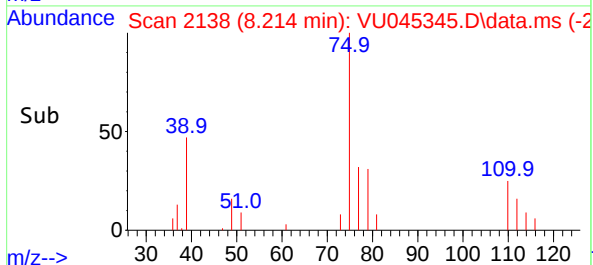
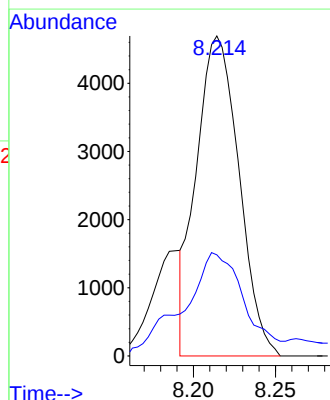
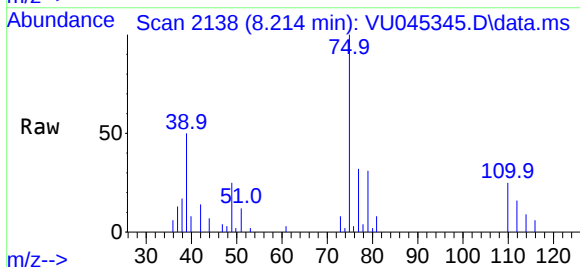
Acq: 20 Oct 2021 14:42

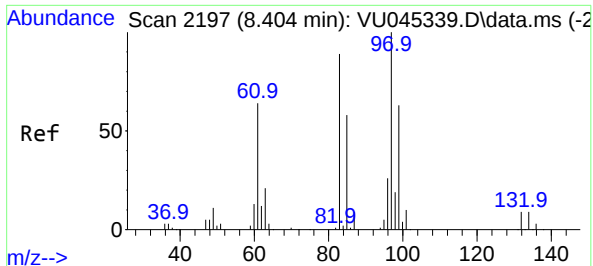
Tgt Ion: 75 Resp: 8474

Ion Ratio Lower Upper

75 100

77 30.6 22.5 41.9





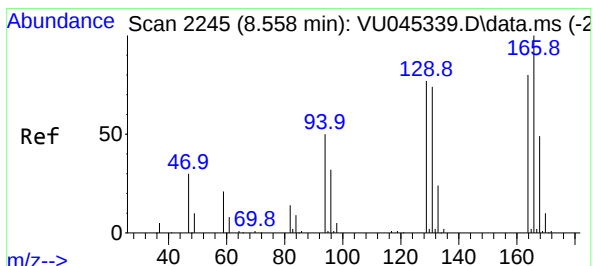
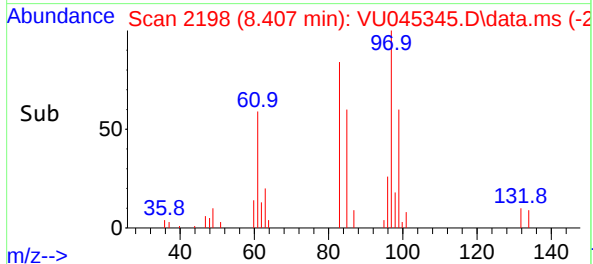
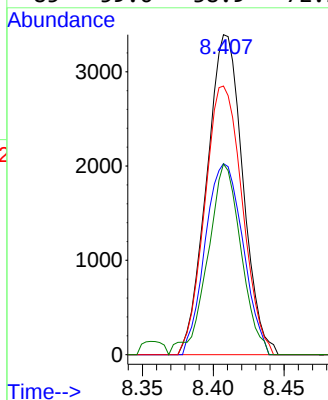
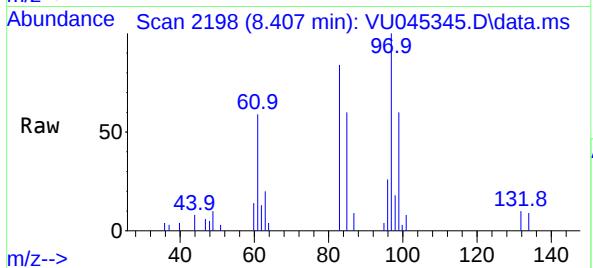
#45

1,1,2-Trichloroethane
Concen: 2.339 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. 0.003 min
Lab File: VU045345.D
Acq: 20 Oct 2021 14:42

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion: 97 Resp: 6009

Ion	Ratio	Lower	Upper
97	100		
99	59.7	43.0	80.0
83	84.0	60.1	111.5
85	59.6	38.9	72.3

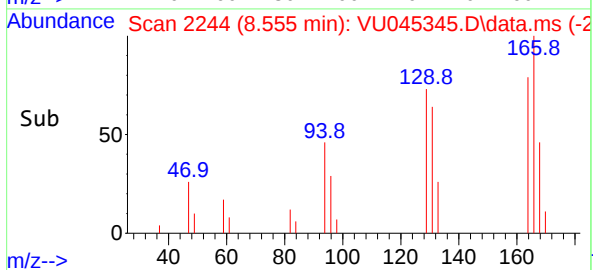
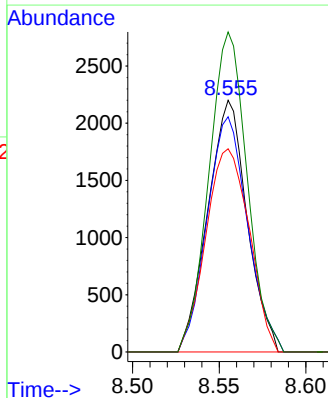
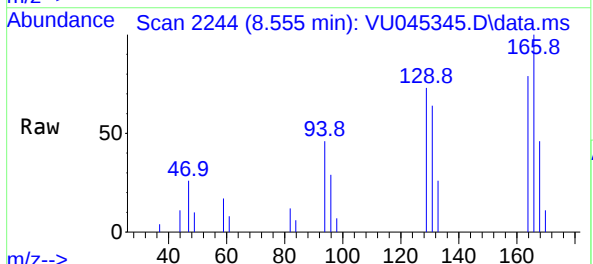


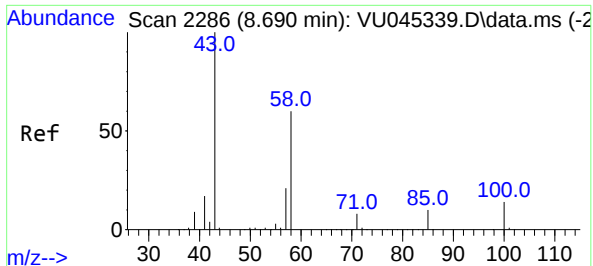
#46

Tetrachloroethene
Concen: 2.061 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.003 min
Lab File: VU045345.D
Acq: 20 Oct 2021 14:42

Tgt Ion: 164 Resp: 3470

Ion	Ratio	Lower	Upper
164	100		
129	93.4	69.6	129.2
131	80.7	67.5	125.4
166	127.1	90.4	167.8

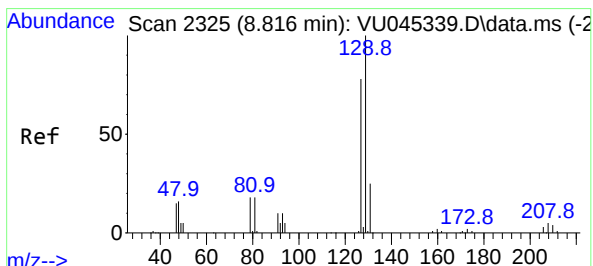
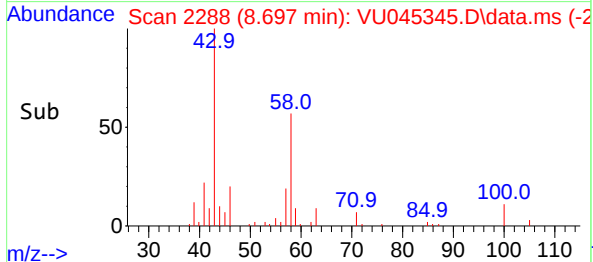
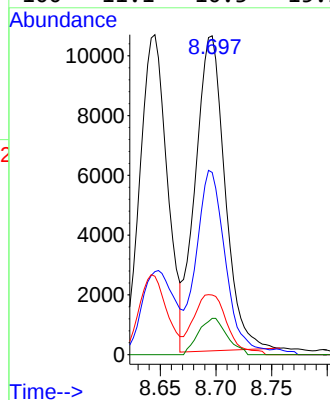
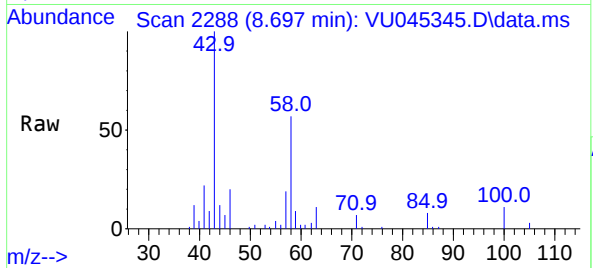




#48
2-Hexanone
Concen: 5.666 ug/L
RT: 8.697 min Scan# 2288
Delta R.T. 0.006 min
Lab File: VU045345.D
Acq: 20 Oct 2021 14:42

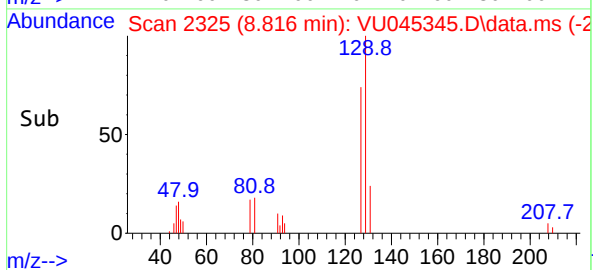
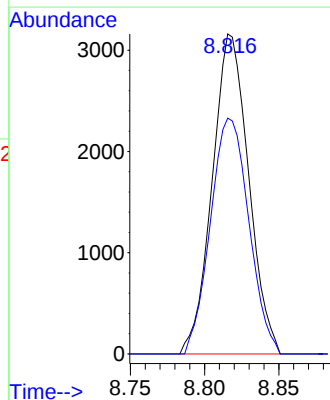
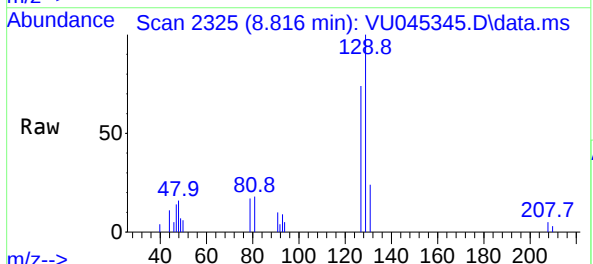
Instrument :
MSVOA_U
ClientSampleId :
MDL05

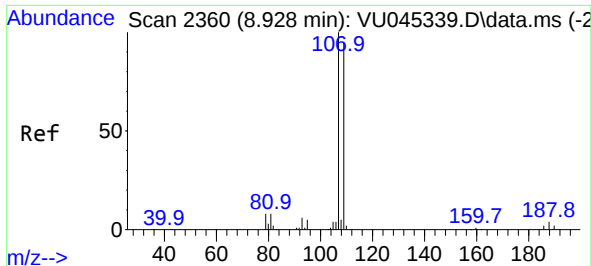
Tgt Ion:	43	Resp:	19557
Ion	Ratio	Lower	Upper
43	100		
58	55.5	45.4	68.0
57	21.9	16.0	24.0
100	11.1	10.3	15.5



#49
Dibromochloromethane
Concen: 2.150 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. -0.000 min
Lab File: VU045345.D
Acq: 20 Oct 2021 14:42

Tgt Ion:	129	Resp:	5381
Ion	Ratio	Lower	Upper
129	100		
127	73.7	55.3	102.7

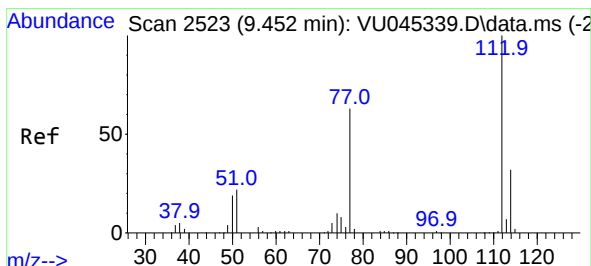
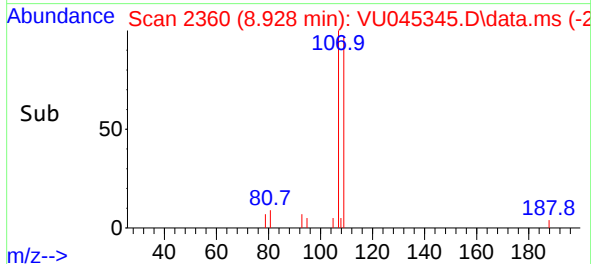
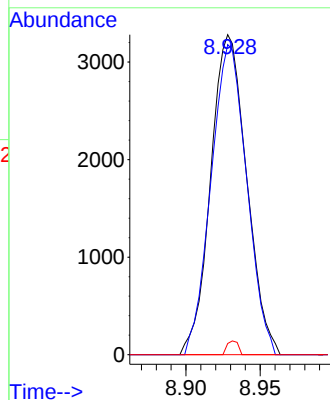
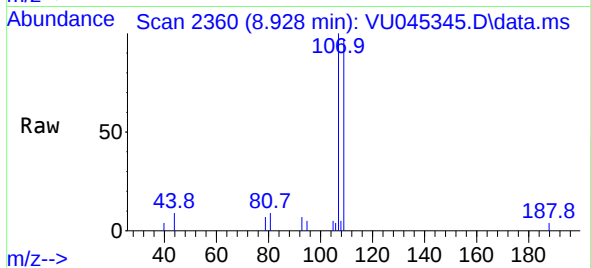




#50
1,2-Dibromoethane
Concen: 2.088 ug/L
RT: 8.928 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VU045345.D
Acq: 20 Oct 2021 14:42

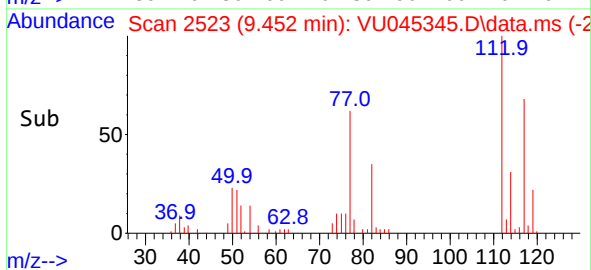
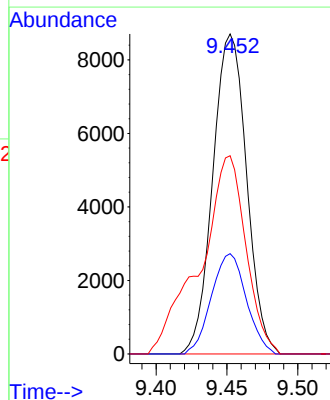
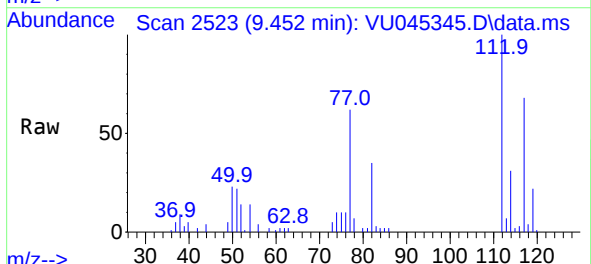
Instrument :
MSVOA_U
ClientSampleId :
MDL05

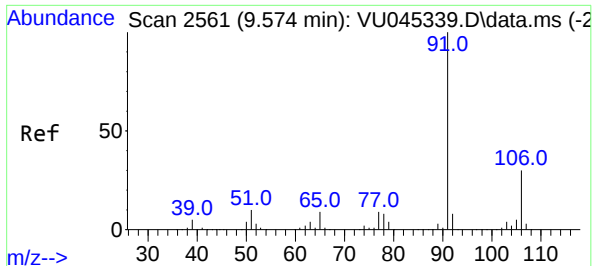
Tgt Ion:	107	Resp:	5525
Ion	Ratio	Lower	Upper
107	100		
109	96.9	66.6	123.6
188	3.5	2.6	4.0



#51
Chlorobenzene
Concen: 2.216 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. -0.000 min
Lab File: VU045345.D
Acq: 20 Oct 2021 14:42

Tgt Ion:	112	Resp:	14435
Ion	Ratio	Lower	Upper
112	100		
114	31.3	22.8	42.4
77	62.0	51.3	76.9





#52

Ethylbenzene

Concen: 2.041 ug/L

RT: 9.574 min Scan# 2561

Delta R.T. -0.000 min

Lab File: VU045345.D

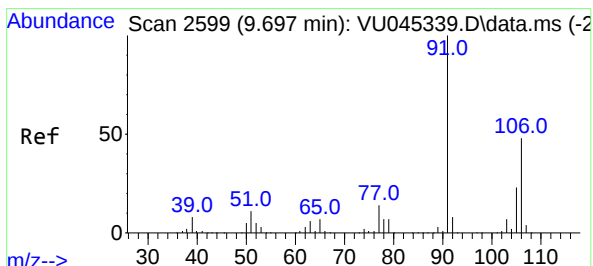
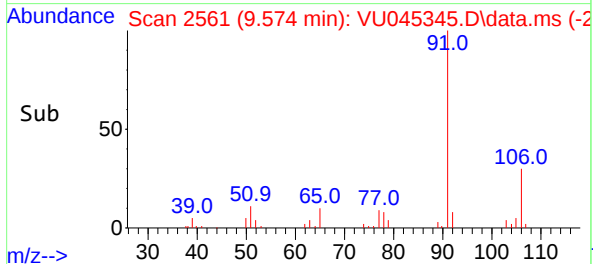
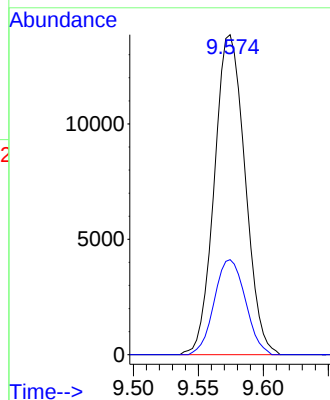
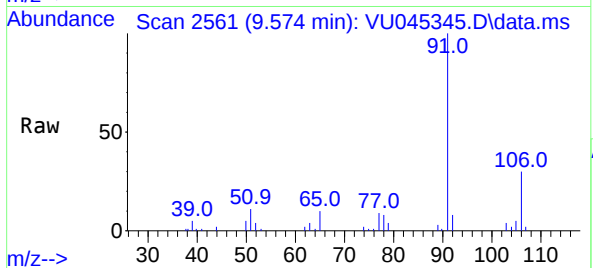
Acq: 20 Oct 2021 14:42

Tgt Ion: 91 Resp: 22774

Ion Ratio Lower Upper

91 100

106 31.8 21.1 39.3



#53

m,p-Xylene

Concen: 2.025 ug/L

RT: 9.697 min Scan# 2599

Delta R.T. -0.000 min

Lab File: VU045345.D

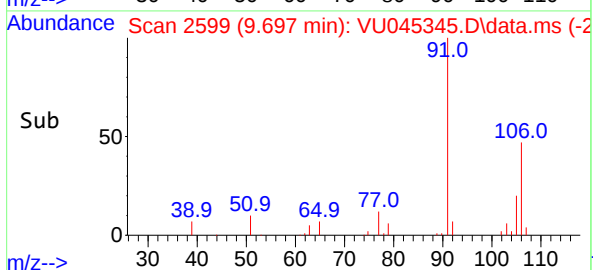
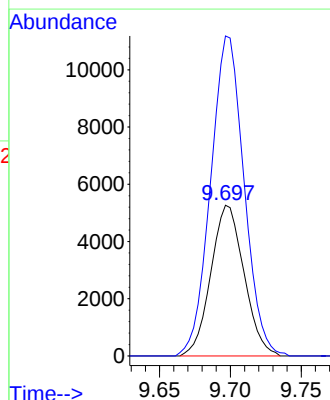
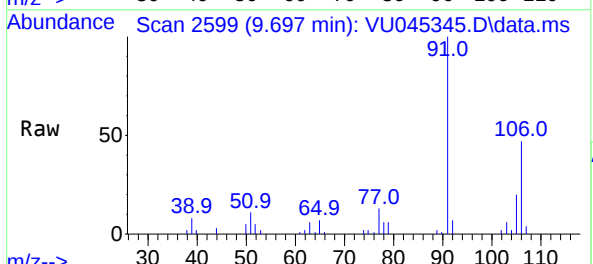
Acq: 20 Oct 2021 14:42

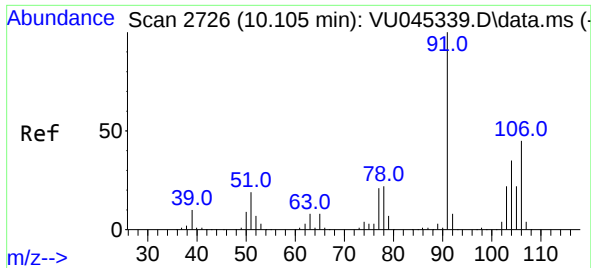
Tgt Ion:106 Resp: 8586

Ion Ratio Lower Upper

106 100

91 212.4 144.4 268.2

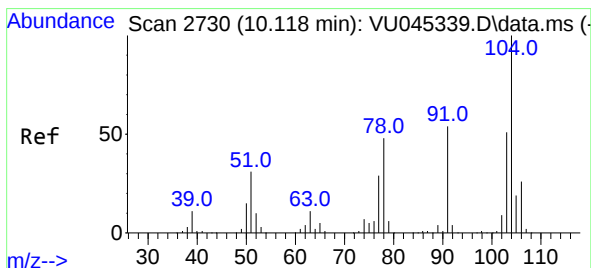
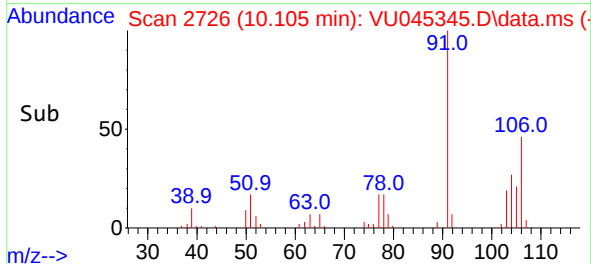
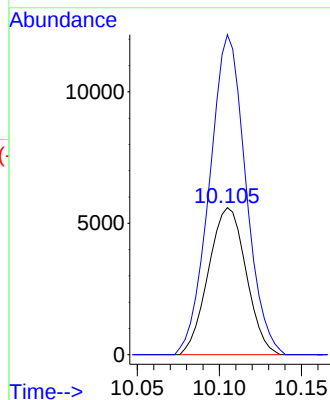
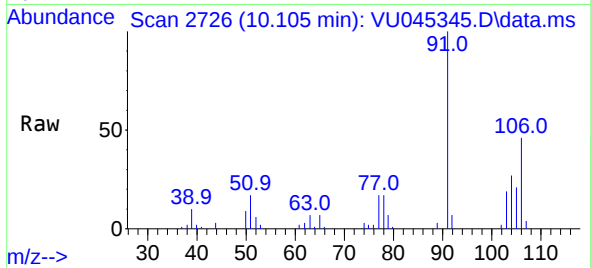




#54
o-xylene
Concen: 2.097 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. -0.000 min
Lab File: VU045345.D
Acq: 20 Oct 2021 14:42

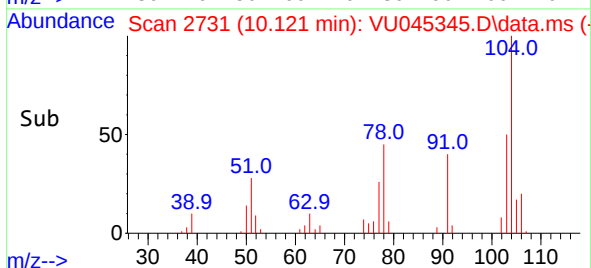
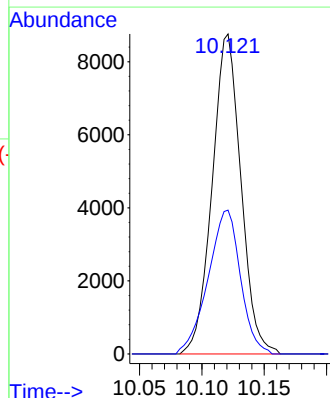
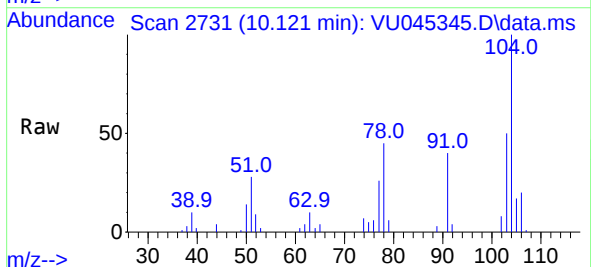
Instrument :
MSVOA_U
ClientSampleId :
MDL05

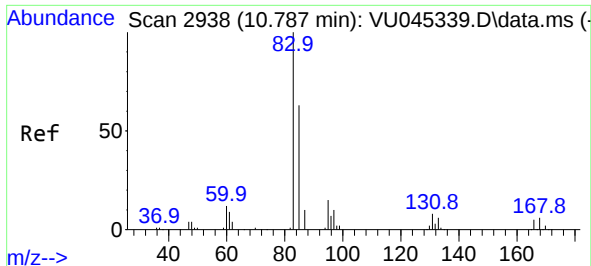
Tgt Ion:106 Resp: 8920
Ion Ratio Lower Upper
106 100
91 217.6 151.1 280.5



#55
Styrene
Concen: 1.953 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. 0.003 min
Lab File: VU045345.D
Acq: 20 Oct 2021 14:42

Tgt Ion:104 Resp: 14059
Ion Ratio Lower Upper
104 100
78 44.9 32.7 60.7

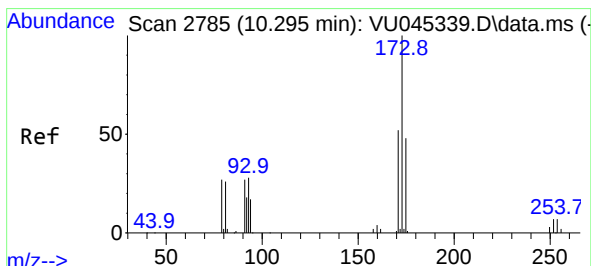
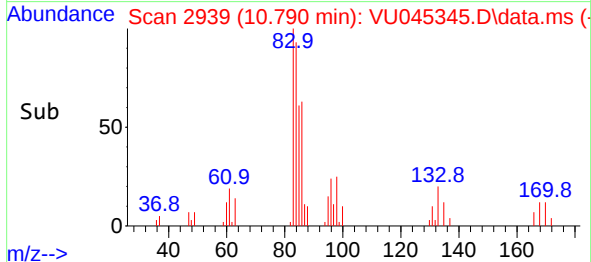
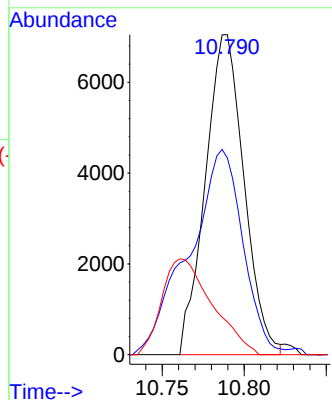
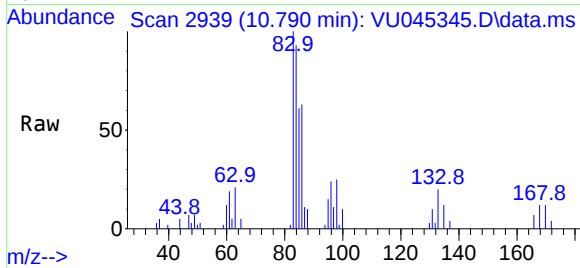




#57
1,1,2,2-Tetrachloroethane
Concen: 2.544 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. 0.003 min
Lab File: VU045345.D
Acq: 20 Oct 2021 14:42

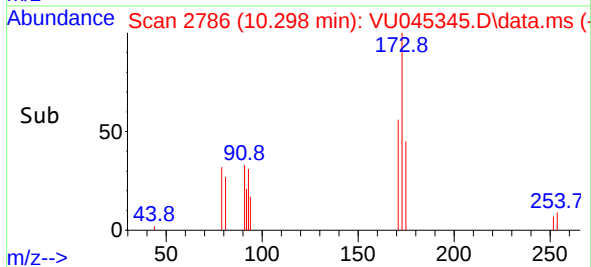
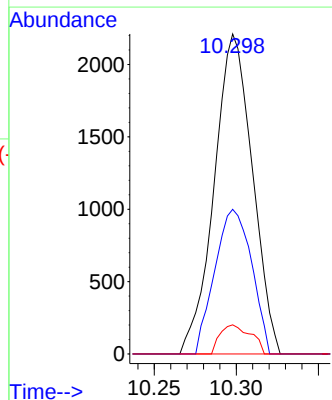
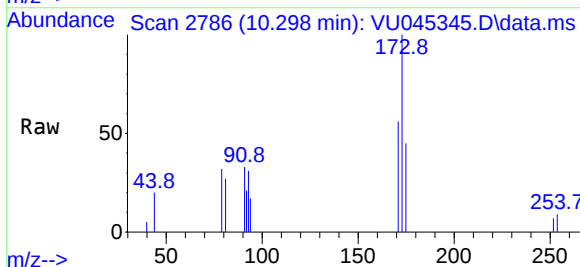
Instrument :
MSVOA_U
ClientSampleId :
MDL05

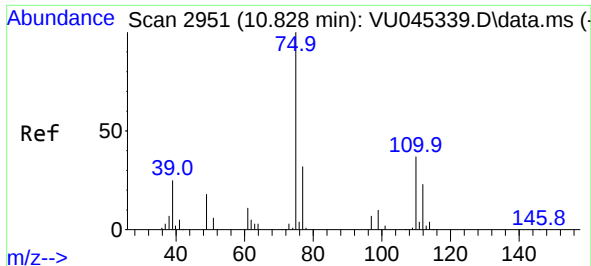
Tgt Ion:	83	Resp:	11550
Ion	Ratio	Lower	Upper
83	100		
85	61.4	44.4	82.5
131	10.3	6.8	10.2#



#59
Bromoform
Concen: 2.268 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. 0.003 min
Lab File: VU045345.D
Acq: 20 Oct 2021 14:42

Tgt Ion:	173	Resp:	3575
Ion	Ratio	Lower	Upper
173	100		
175	43.5	39.3	58.9
254	7.4	5.8	8.6

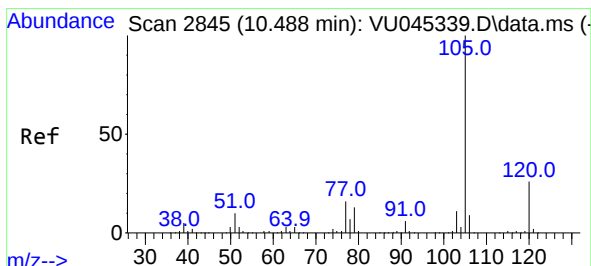
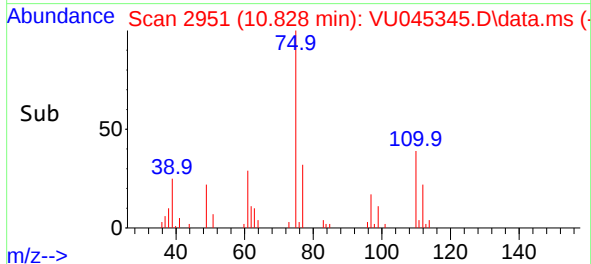
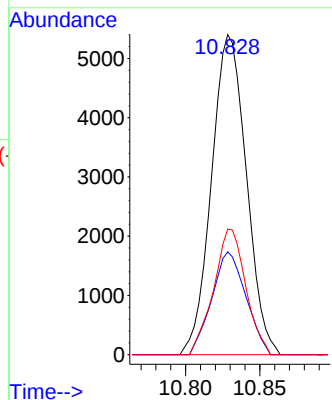
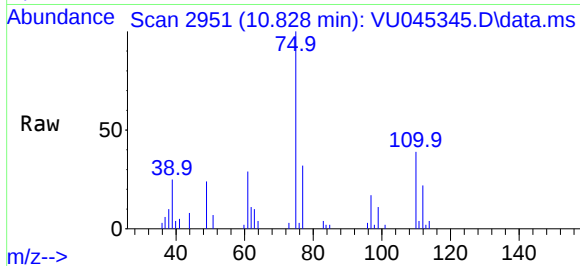




#60
1,2,3-Trichloropropane
Concen: 2.670 ug/L
RT: 10.828 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VU045345.D
Acq: 20 Oct 2021 14:42

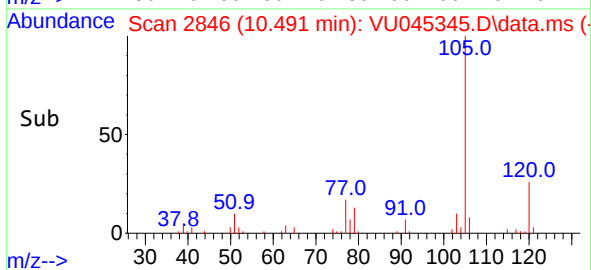
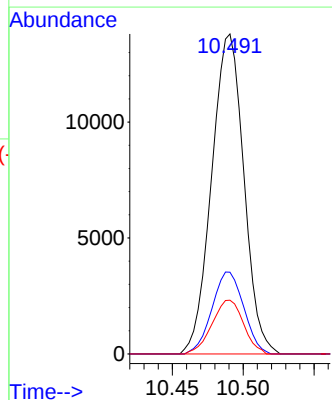
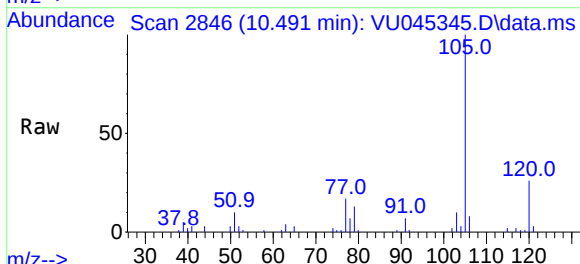
Instrument :
MSVOA_U
ClientSampleId :
MDL05

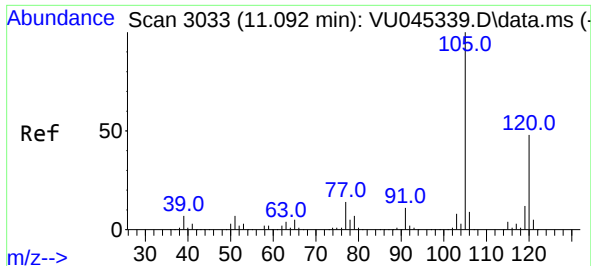
Tgt Ion:	75	Resp:	8815
Ion	Ratio	Lower	Upper
75	100		
77	31.4	26.0	39.0
110	36.2	28.8	43.2



#61
Isopropylbenzene
Concen: 2.225 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. 0.003 min
Lab File: VU045345.D
Acq: 20 Oct 2021 14:42

Tgt Ion:	105	Resp:	21847
Ion	Ratio	Lower	Upper
105	100		
120	25.2	20.5	30.7
77	16.4	13.2	19.8

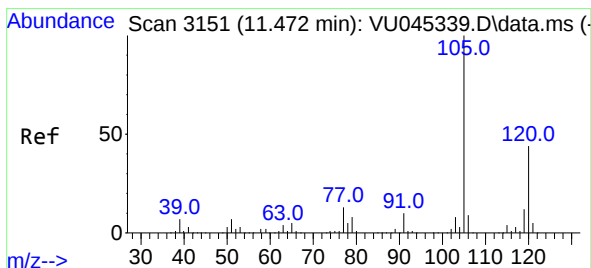
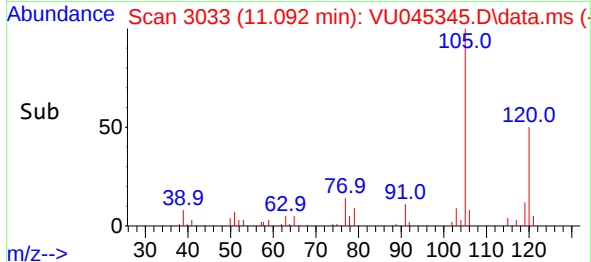
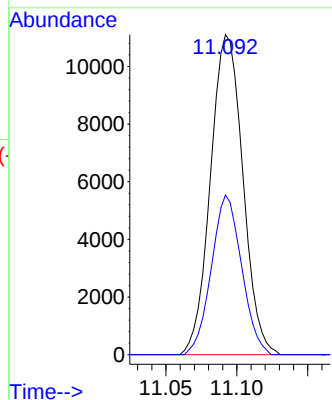
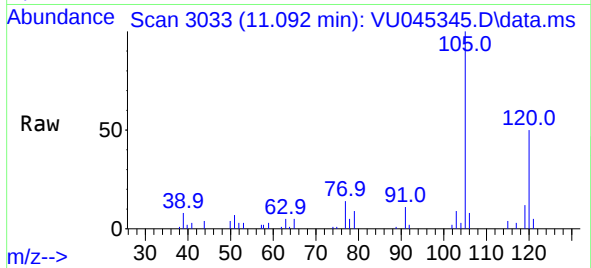




#62
1,3,5-Trimethylbenzene
Concen: 2.174 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. -0.000 min
Lab File: VU045345.D
Acq: 20 Oct 2021 14:42

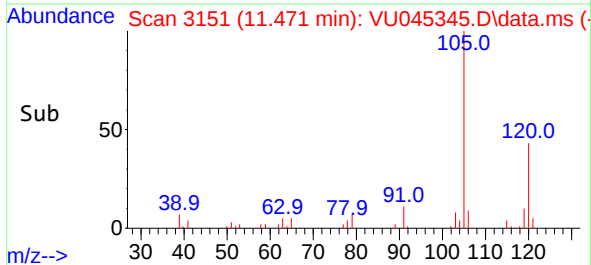
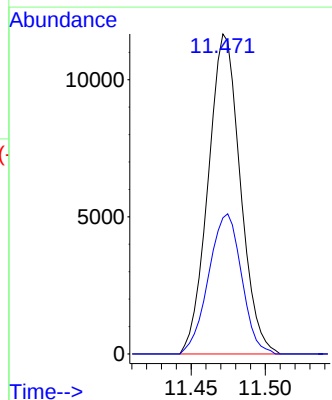
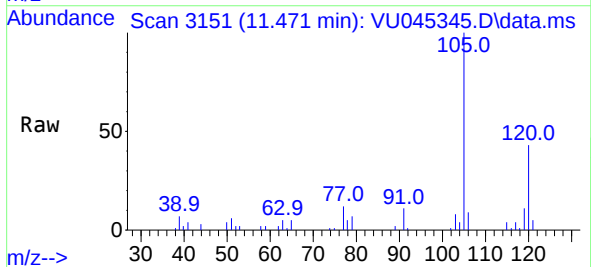
Instrument :
MSVOA_U
ClientSampleId :
MDL05

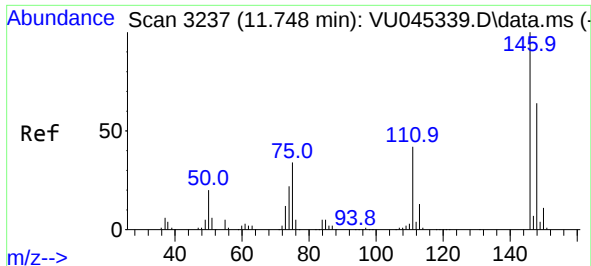
Tgt Ion:105 Resp: 17656
Ion Ratio Lower Upper
105 100
120 46.5 38.2 57.2



#63
1,2,4-Trimethylbenzene
Concen: 2.136 ug/L
RT: 11.471 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VU045345.D
Acq: 20 Oct 2021 14:42

Tgt Ion:105 Resp: 17561
Ion Ratio Lower Upper
105 100
120 44.9 35.5 53.3

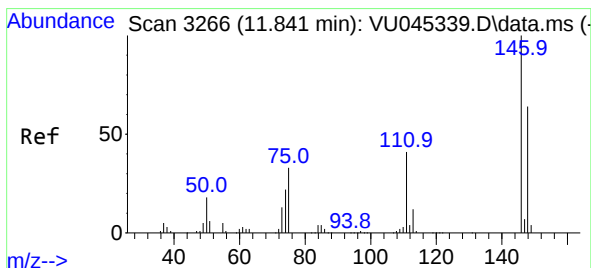
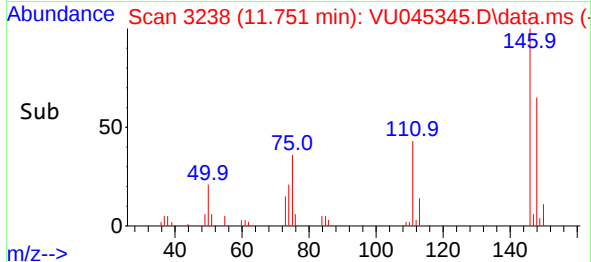
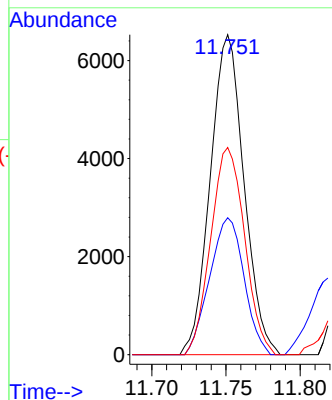
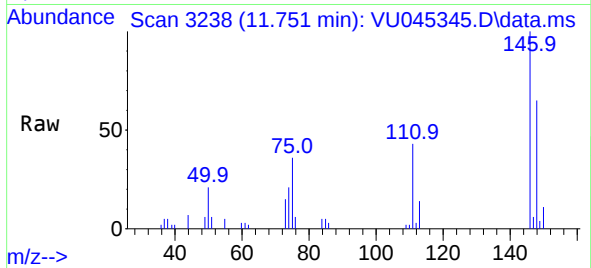




#64
1,3-Dichlorobenzene
Concen: 2.318 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. 0.003 min
Lab File: VU045345.D
Acq: 20 Oct 2021 14:42

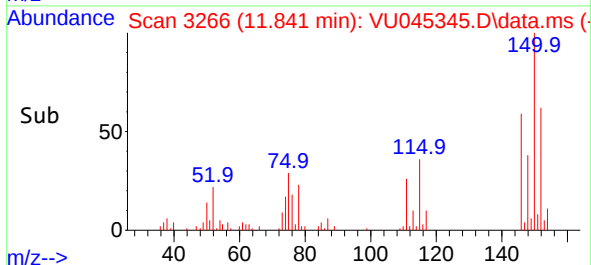
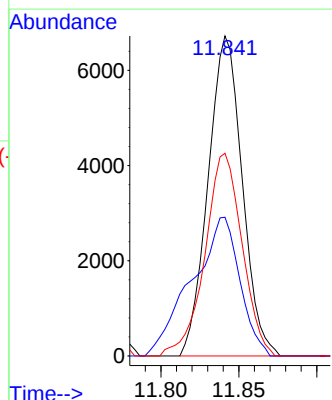
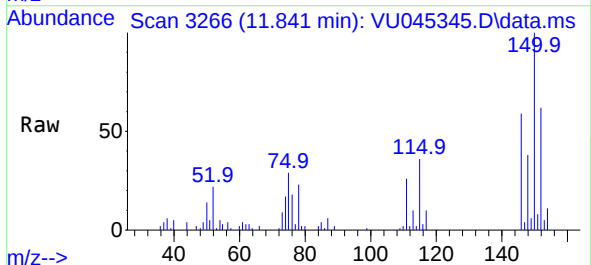
Instrument :
MSVOA_U
ClientSampleId :
MDL05

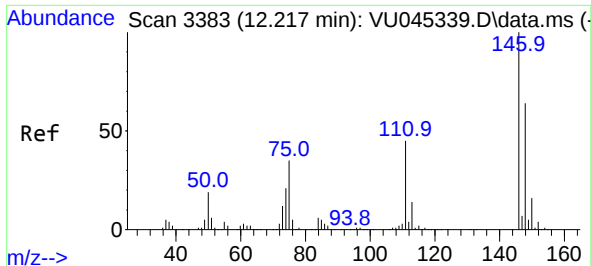
Tgt Ion:146 Resp: 10305
Ion Ratio Lower Upper
146 100
111 42.8 29.0 53.9
148 68.5 45.0 83.6



#65
1,4-Dichlorobenzene
Concen: 2.269 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. -0.000 min
Lab File: VU045345.D
Acq: 20 Oct 2021 14:42

Tgt Ion:146 Resp: 10232
Ion Ratio Lower Upper
146 100
111 43.4 28.6 53.2
148 63.4 44.2 82.0



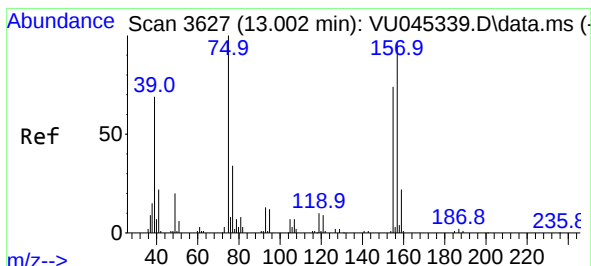
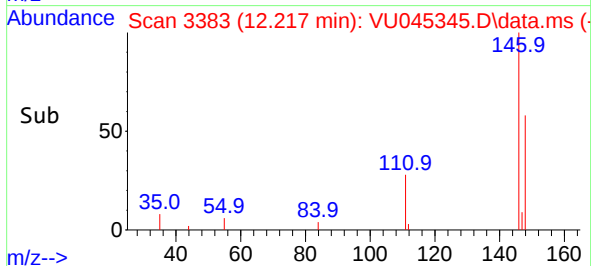
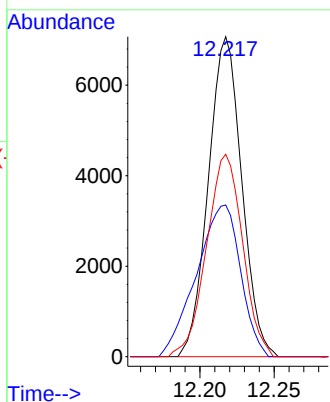
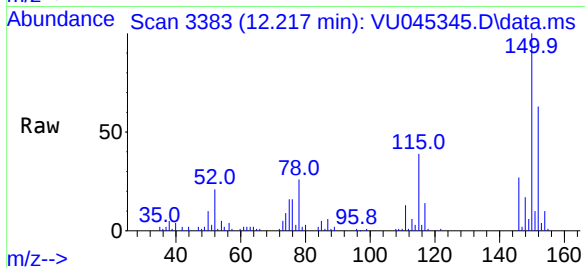


#67
1,2-Dichlorobenzene
Concen: 2.465 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. -0.000 min
Lab File: VU045345.D
Acq: 20 Oct 2021 14:42

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion:146 Resp: 11075

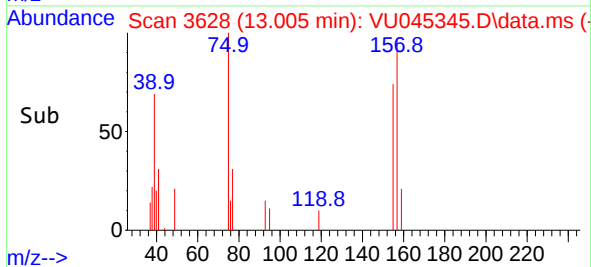
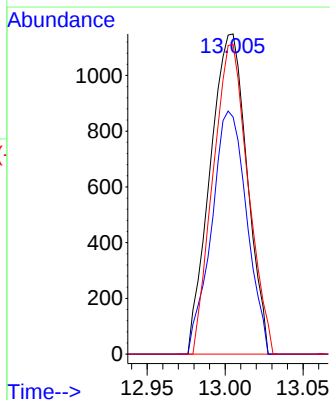
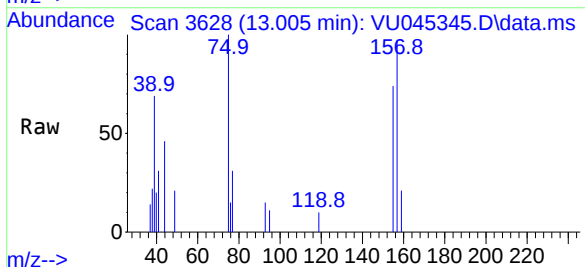
Ion	Ratio	Lower	Upper
146	100		
111	52.6	35.2	52.8
148	63.3	50.8	76.2

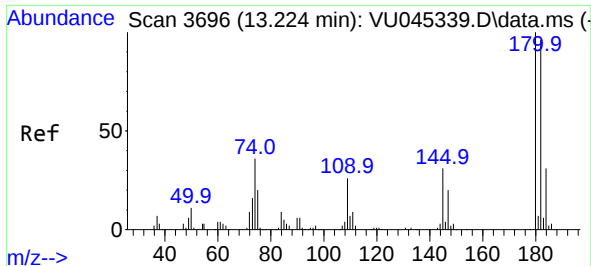


#68
1,2-Dibromo-3-chloropropane
Concen: 2.065 ug/L
RT: 13.005 min Scan# 3628
Delta R.T. 0.003 min
Lab File: VU045345.D
Acq: 20 Oct 2021 14:42

Tgt Ion: 75 Resp: 1898

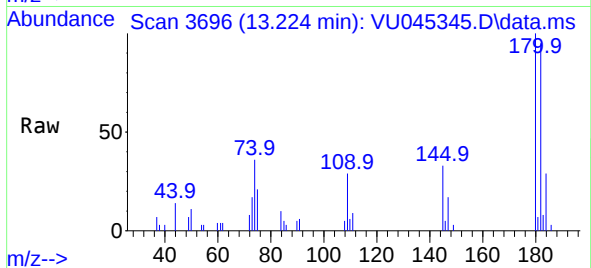
Ion	Ratio	Lower	Upper
75	100		
155	74.1	61.9	92.9
157	96.8	74.1	111.1





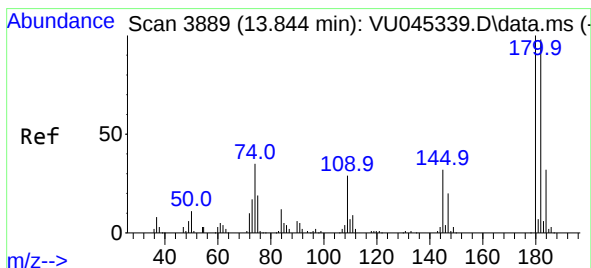
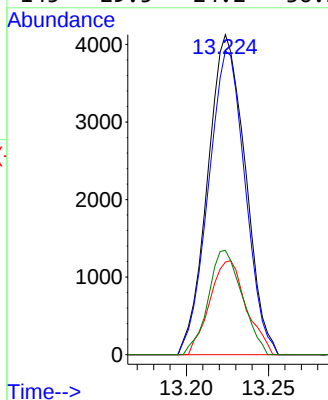
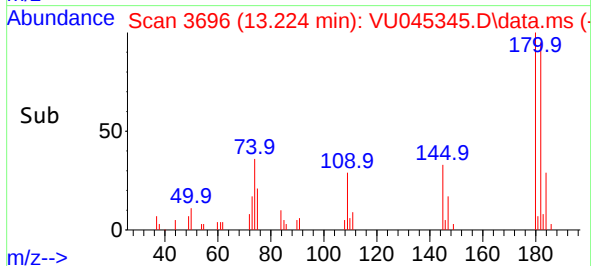
#69
1,3,5-Trichlorobenzene
Concen: 2.146 ug/L
RT: 13.224 min Scan# 3696
Delta R.T. -0.000 min
Lab File: VU045345.D
Acq: 20 Oct 2021 14:42

Instrument :
MSVOA_U
ClientSampleId :
MDL05

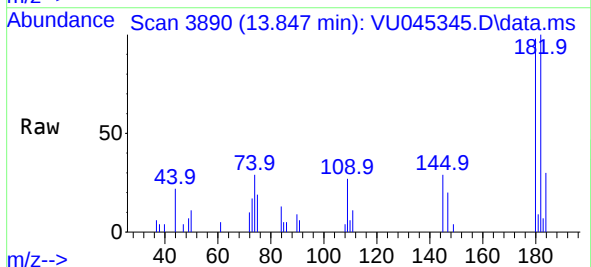


Tgt Ion:180 Resp: 6566

Ion	Ratio	Lower	Upper
180	100		
182	92.9	76.0	114.0
184	28.4	23.8	35.8
145	29.5	24.2	36.2

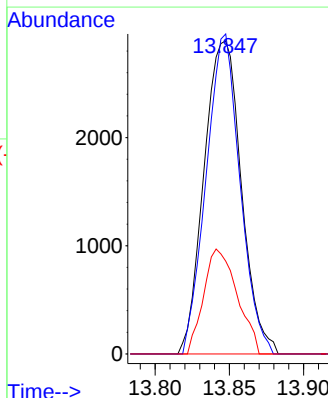
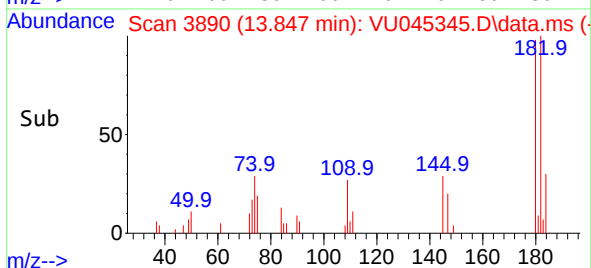


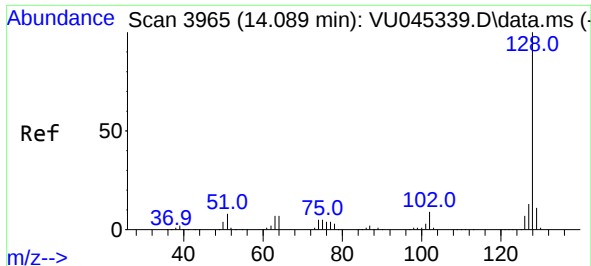
#70
1,2,4-trichlorobenzene
Concen: 1.973 ug/L
RT: 13.847 min Scan# 3890
Delta R.T. 0.003 min
Lab File: VU045345.D
Acq: 20 Oct 2021 14:42



Tgt Ion:180 Resp: 5059

Ion	Ratio	Lower	Upper
180	100		
182	92.6	75.7	113.5
145	30.1	25.1	37.7

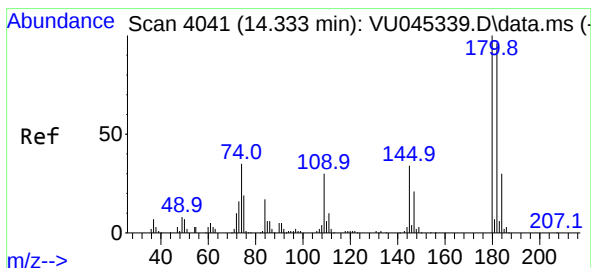
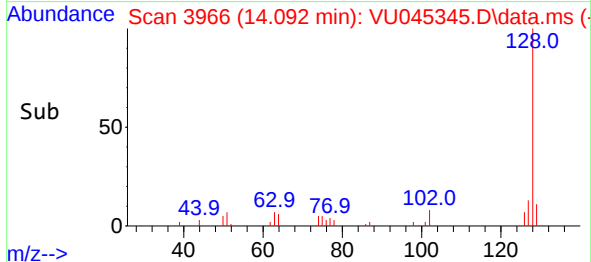
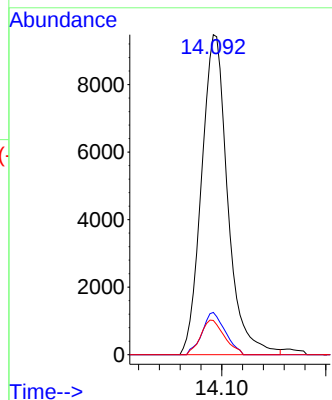
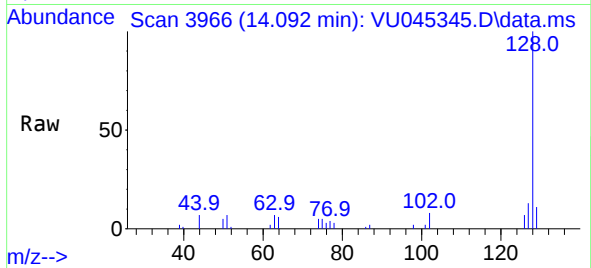




#71
Naphthalene
Concen: 1.930 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU045345.D
Acq: 20 Oct 2021 14:42

Instrument :
MSVOA_U
ClientSampled :
MDL05

Tgt Ion:	128	Resp:	16541
Ion	Ratio	Lower	Upper
128	100		
127	11.6	10.6	15.8
129	9.8	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 1.991 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. 0.003 min
Lab File: VU045345.D
Acq: 20 Oct 2021 14:42

Tgt Ion:	180	Resp:	5100
Ion	Ratio	Lower	Upper
180	100		
182	96.9	75.0	112.4
145	30.9	26.4	39.6

