

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102821\
 Data File : VU045440.D
 Acq On : 28 Oct 2021 15:22
 Operator : SY/MD
 Sample : MDL06
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL06

Quant Time: Oct 29 03:11:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 29 03:03:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	316677	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	298163	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	140644	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	123265	47.824	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.640%
7) Chloroethane-d5	1.916	69	103800	50.253	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.500%
11) 1,1-Dichloroethene-d2	2.572	63	165477	36.149	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.300%
21) 2-Butanone-d5	4.626	46	210667	97.667	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.670%
24) Chloroform-d	5.067	84	216602	46.842	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.680%
26) 1,2-Dichloroethane-d4	5.707	65	150341	49.167	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.340%
32) Benzene-d6	5.732	84	454558	49.332	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.660%
36) 1,2-Dichloropropane-d6	6.694	67	148391	49.751	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.500%
41) Toluene-d8	7.899	98	391340	48.685	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.360%
43) trans-1,3-Dichloroprop...	8.182	79	67017	47.823	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.640%
47) 2-Hexanone-d5	8.632	63	151218	94.980	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.980%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	210783	47.091	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.180%
66) 1,2-Dichlorobenzene-d4	12.195	152	140387	49.338	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	5547	1.982	ug/L	99
3) Chloromethane	1.520	50	7642	2.262	ug/L	99
5) Vinyl chloride	1.604	62	7142	2.248	ug/L #	68
6) Bromomethane	1.858	94	3956	2.420	ug/L	83
8) Chloroethane	1.935	64	4335	2.310	ug/L	87
9) Trichlorofluoromethane	2.141	101	7539	2.006	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	5868	2.562	ug/L	86
12) 1,1-Dichloroethene	2.584	96	5245	2.427	ug/L #	1
13) Acetone	2.636	43	7321	4.138	ug/L	99
14) Carbon disulfide	2.797	76	12525	2.027	ug/L	98
15) Methyl Acetate	2.954	43	6292	2.105	ug/L	99
16) Methylene chloride	3.051	84	5968	2.237	ug/L	95
17) trans-1,2-Dichloroethene	3.356	96	4592	1.986	ug/L	95
18) Methyl tert-butyl Ether	3.366	73	15938	1.966	ug/L	99
19) 1,1-Dichloroethane	3.874	63	9270	2.011	ug/L	93
20) cis-1,2-Dichloroethene	4.671	96	5322	2.017	ug/L	96
22) 2-Butanone	4.710	43	10062	4.165	ug/L	94
23) Bromochloromethane	4.973	128	2408	1.896	ug/L	95
25) Chloroform	5.092	83	9993	2.166	ug/L	98

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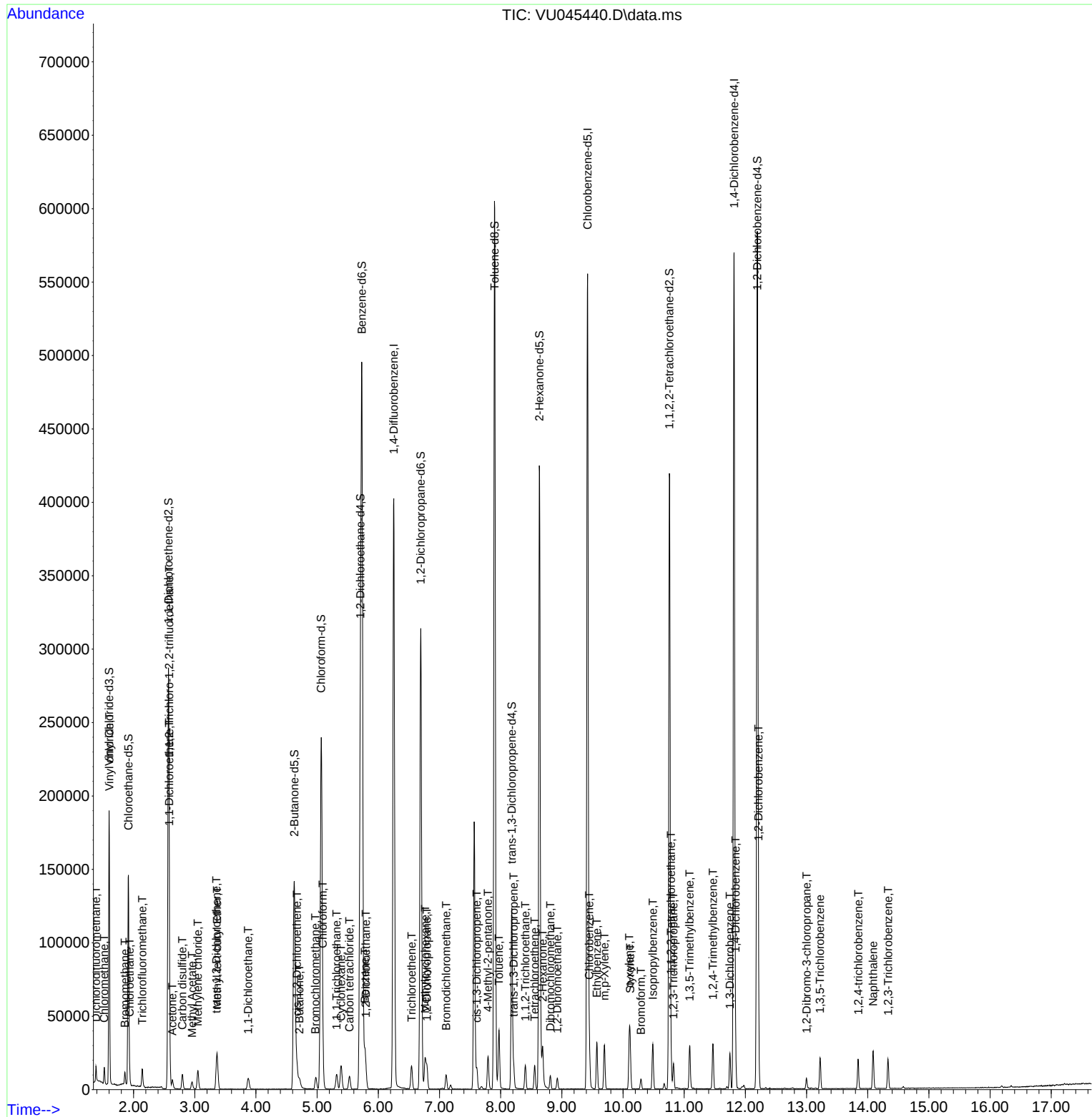
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	8085	2.143	ug/L	97
29) Cyclohexane	5.391	56	8287	1.939	ug/L	99
30) 1,1,1-Trichloroethane	5.317	97	7625	2.014	ug/L	97
31) Carbon tetrachloride	5.530	117	5852	1.955	ug/L	99
33) Benzene	5.780	78	21269	2.057	ug/L	100
34) Trichloroethene	6.546	95	5165	2.080	ug/L	92
35) Methylcyclohexane	6.768	83	8408	1.949	ug/L	97
37) 1,2-Dichloropropane	6.797	63	5421	1.974	ug/L #	96
38) Bromodichloromethane	7.108	83	6744	1.954	ug/L	96
39) cis-1,3-Dichloropropene	7.610	75	8224	1.958	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	15149	3.739	ug/L	99
42) Toluene	7.973	91	27253	2.532	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	7949	2.007	ug/L	88
45) 1,1,2-Trichloroethane	8.404	97	5159	2.023	ug/L	98
46) Tetrachloroethene	8.555	164	3531	2.005	ug/L	96
48) 2-Hexanone	8.687	43	15596	4.621	ug/L	99
49) Dibromochloromethane	8.813	129	4790	1.950	ug/L	93
50) 1,2-Dibromoethane	8.925	107	5421	2.026	ug/L #	96
51) Chlorobenzene	9.449	112	13323	2.049	ug/L	99
52) Ethylbenzene	9.571	91	22597	1.980	ug/L	98
53) m,p-Xylene	9.697	106	8177	1.872	ug/L	92
54) o-xylene	10.102	106	7761	1.794	ug/L	92
55) Styrene	10.118	104	12472	1.716	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.783	83	9351	2.064	ug/L	94
59) Bromoform	10.295	173	2911	1.795	ug/L #	98
60) 1,2,3-Trichloropropane	10.825	75	7623	2.201	ug/L	96
61) Isopropylbenzene	10.488	105	20302	1.953	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	16183	1.828	ug/L	99
63) 1,2,4-Trimethylbenzene	11.472	105	16760	1.862	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	9672	2.104	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	9974	2.144	ug/L	91
67) 1,2-Dichlorobenzene	12.214	146	10078	2.118	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.999	75	1979	1.957	ug/L #	82
69) 1,3,5-Trichlorobenzene	13.221	180	6554	1.933	ug/L	97
70) 1,2,4-trichlorobenzene	13.844	180	5959	1.923	ug/L	97
71) Naphthalene	14.089	128	20918	1.772	ug/L	99
72) 1,2,3-Trichlorobenzene	14.333	180	5999	1.892	ug/L	99

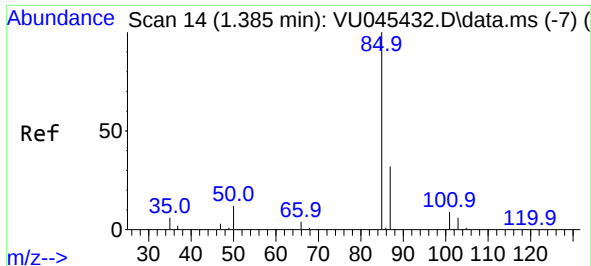
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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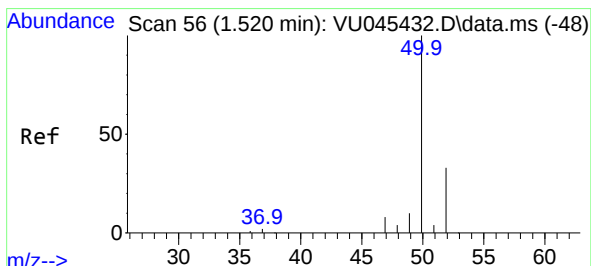
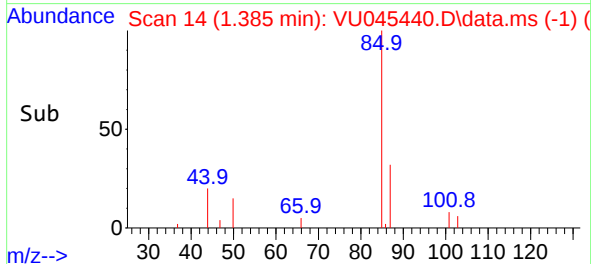
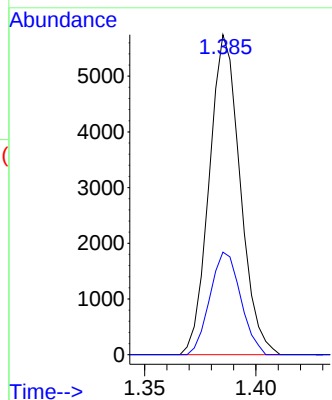
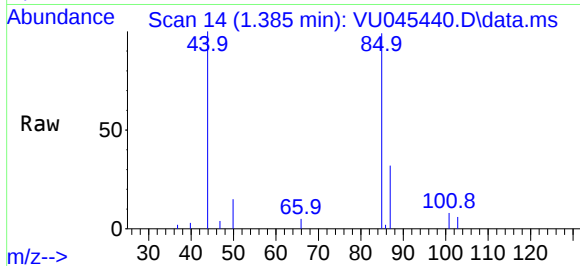




#2
Dichlorodifluoromethane
Concen: 1.982 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU045440.D
Acq: 28 Oct 2021 15:22

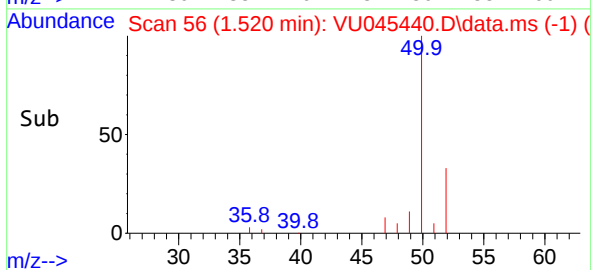
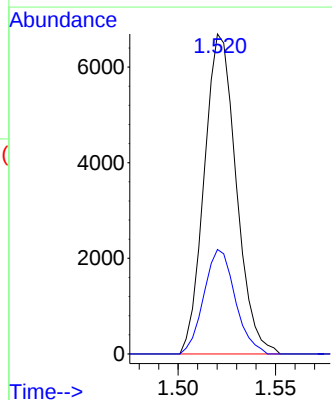
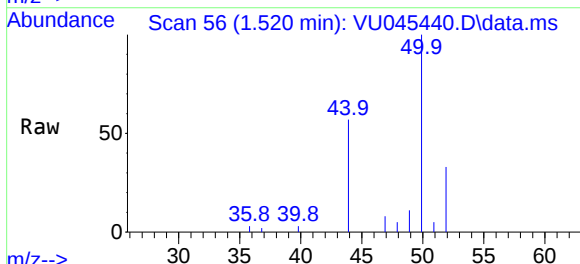
Instrument :
MSVOA_U
ClientSampleId :
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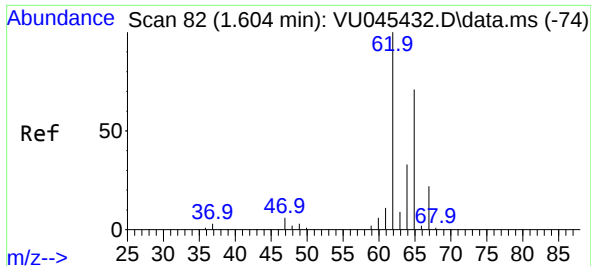
Tgt Ion: 85 Resp: 5547
Ion Ratio Lower Upper
85 100
87 31.8 26.0 39.0



#3
Chloromethane
Concen: 2.262 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU045440.D
Acq: 28 Oct 2021 15:22

Tgt Ion: 50 Resp: 7642
Ion Ratio Lower Upper
50 100
52 32.7 23.2 43.2

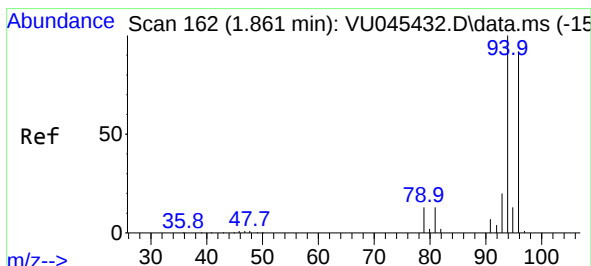
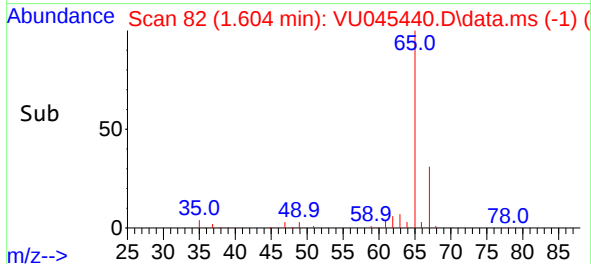
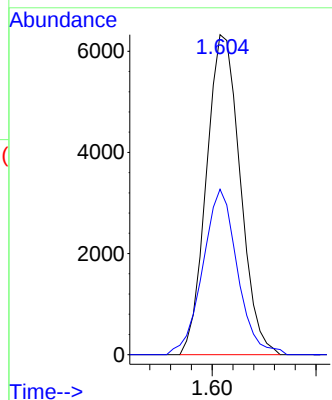
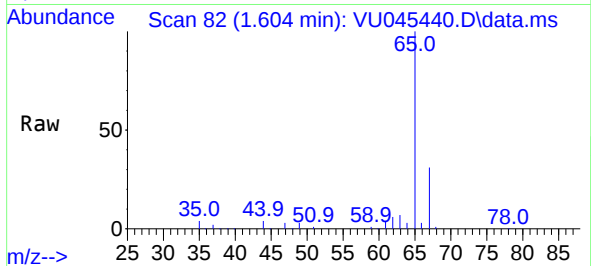




#5
 Vinyl chloride
 Concen: 2.248 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. 0.000 min
 Lab File: VU045440.D
 Acq: 28 Oct 2021 15:22

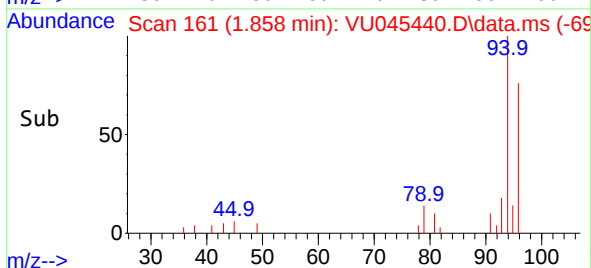
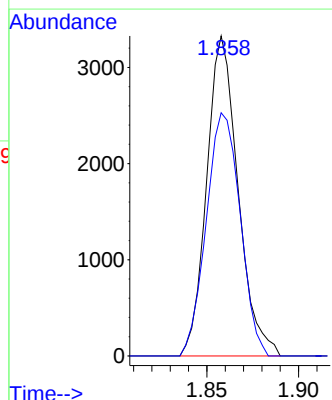
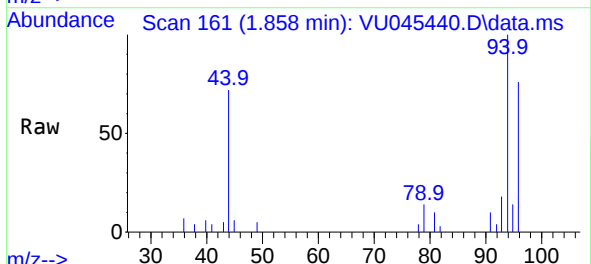
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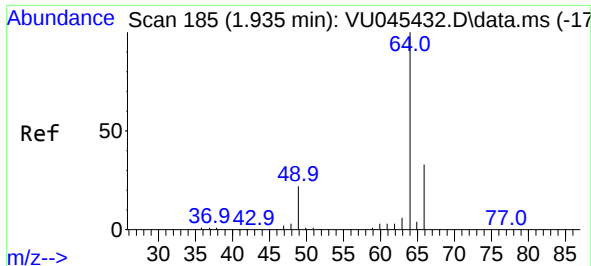
Tgt Ion: 62 Resp: 7142
 Ion Ratio Lower Upper
 62 100
 64 51.7 23.3 43.3#



#6
 Bromomethane
 Concen: 2.420 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. -0.003 min
 Lab File: VU045440.D
 Acq: 28 Oct 2021 15:22

Tgt Ion: 94 Resp: 3956
 Ion Ratio Lower Upper
 94 100
 96 76.0 64.9 120.5

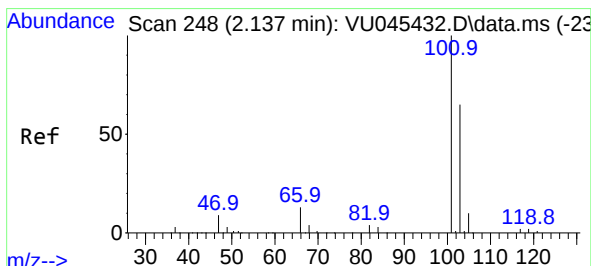
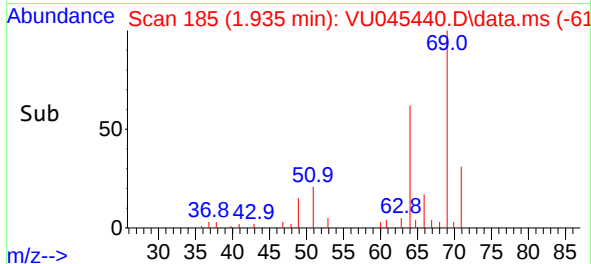
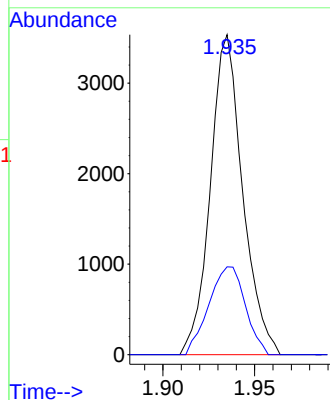
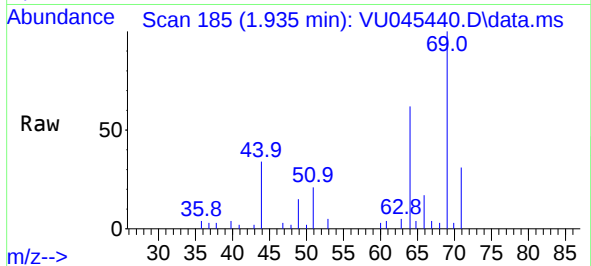




#8
Chloroethane
Concen: 2.310 ug/L
RT: 1.935 min Scan# 185
Delta R.T. 0.000 min
Lab File: VU045440.D
Acq: 28 Oct 2021 15:22

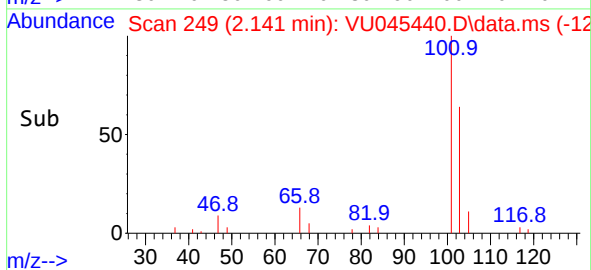
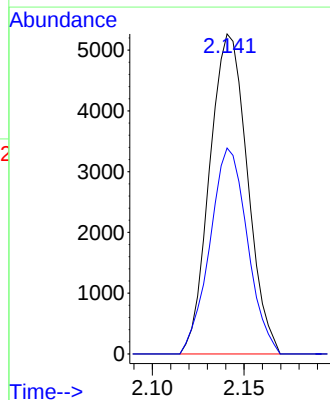
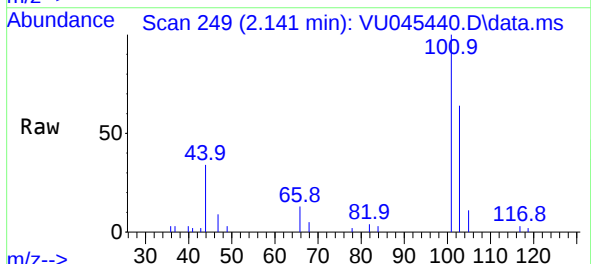
Instrument :
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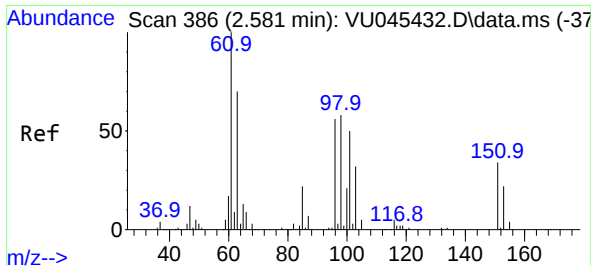
Tgt Ion: 64 Resp: 4335
Ion Ratio Lower Upper
64 100
66 25.8 23.2 43.2



#9
Trichlorofluoromethane
Concen: 2.006 ug/L
RT: 2.141 min Scan# 249
Delta R.T. 0.003 min
Lab File: VU045440.D
Acq: 28 Oct 2021 15:22

Tgt Ion:101 Resp: 7539
Ion Ratio Lower Upper
101 100
103 63.9 51.4 77.2

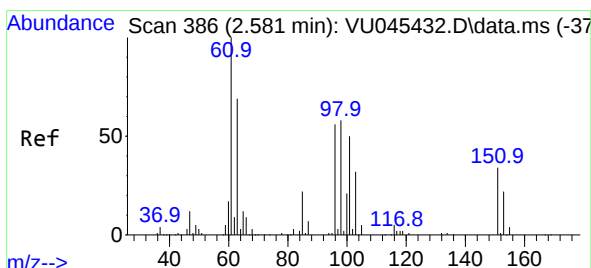
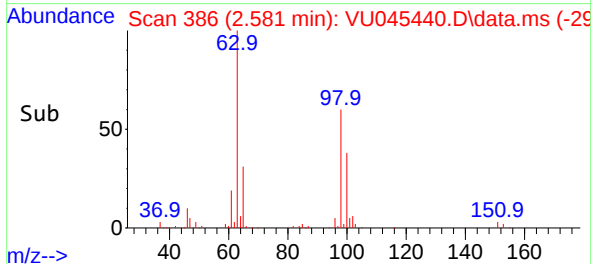
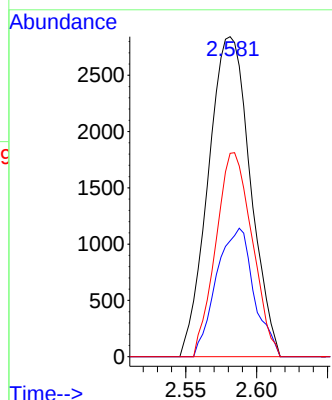
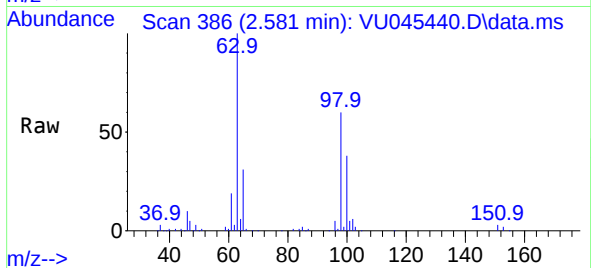




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.562 ug/L
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU045440.D
Acq: 28 Oct 2021 15:22

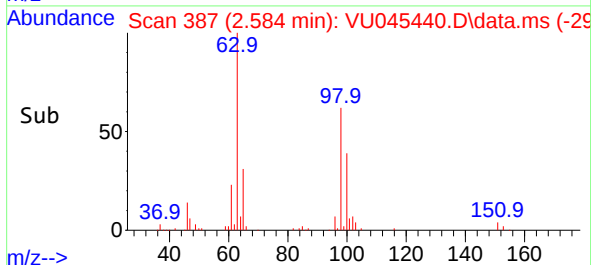
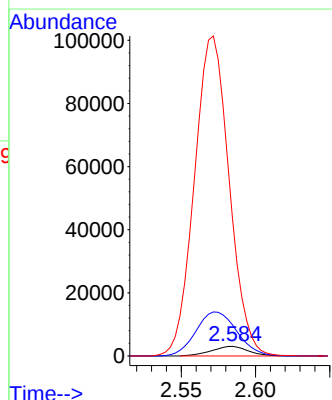
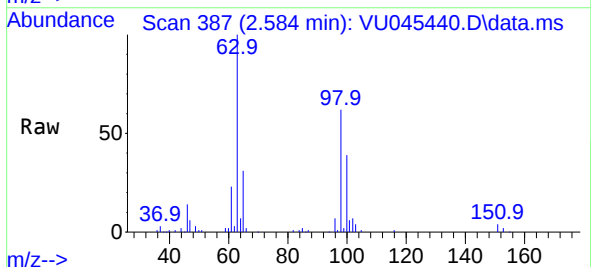
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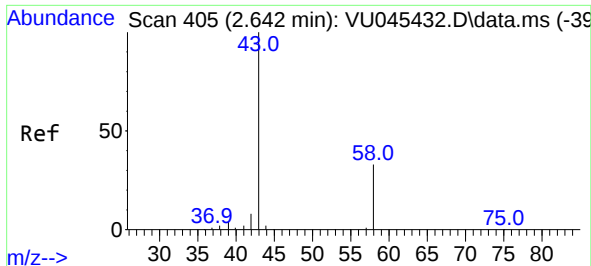
Tgt Ion:	101	Resp:	5868
Ion	Ratio	Lower	Upper
101	100		
85	35.8	34.8	52.2
151	55.2	54.6	81.8



#12
1,1-Dichloroethene
Concen: 2.427 ug/L
RT: 2.584 min Scan# 387
Delta R.T. 0.003 min
Lab File: VU045440.D
Acq: 28 Oct 2021 15:22

Tgt Ion:	96	Resp:	5245
Ion	Ratio	Lower	Upper
96	100		
61	323.3	126.3	234.5#
63	1427.6	89.2	165.8#

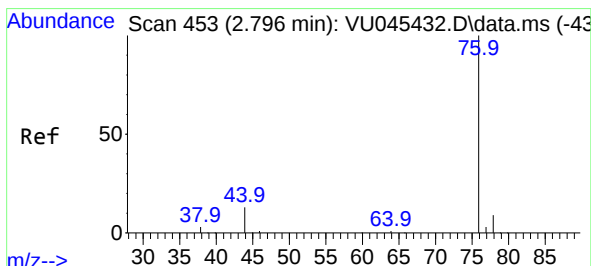
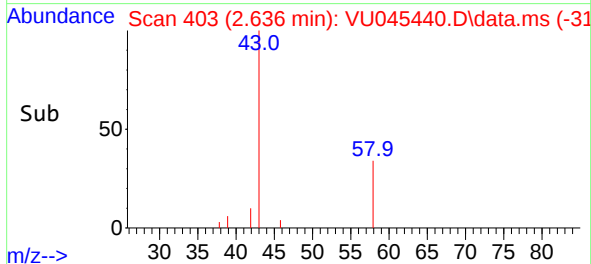
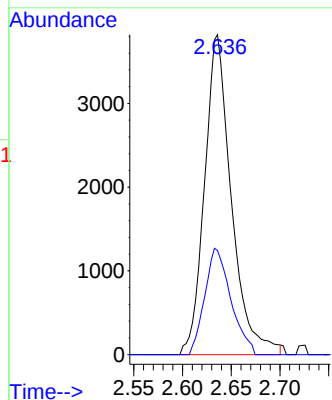
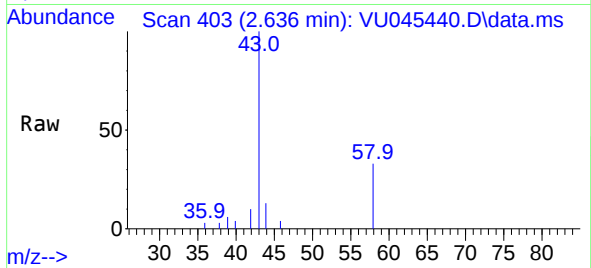




#13
Acetone
Concen: 4.138 ug/L
RT: 2.636 min Scan# 403
Delta R.T. -0.006 min
Lab File: VU045440.D
Acq: 28 Oct 2021 15:22

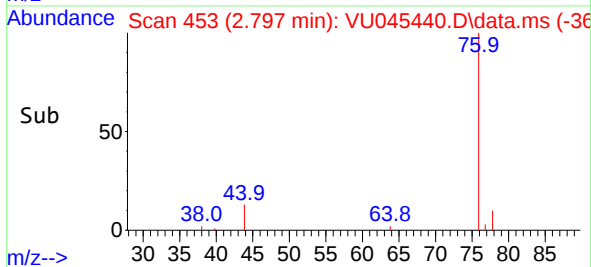
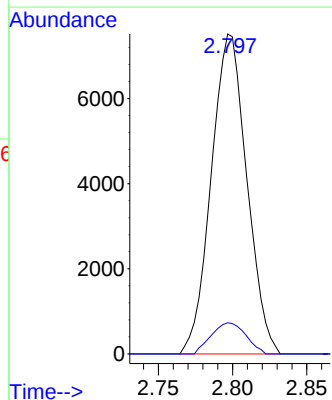
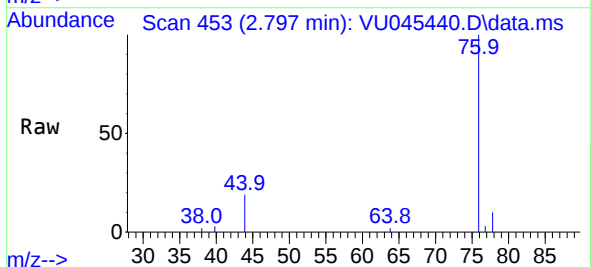
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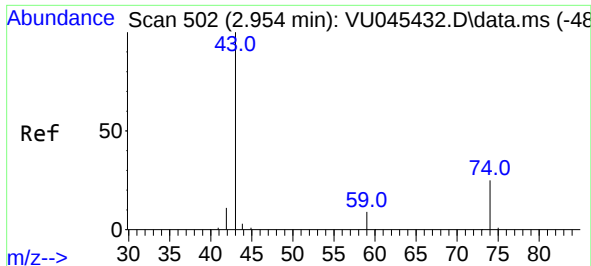
Tgt Ion: 43 Resp: 7321
Ion Ratio Lower Upper
43 100
58 32.3 0.0 66.2



#14
Carbon disulfide
Concen: 2.027 ug/L
RT: 2.797 min Scan# 453
Delta R.T. 0.000 min
Lab File: VU045440.D
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Tgt Ion: 76 Resp: 12525
Ion Ratio Lower Upper
76 100
78 9.7 7.3 10.9

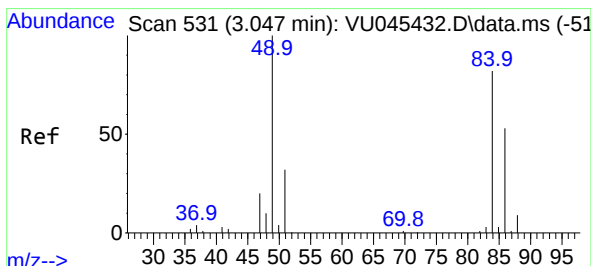
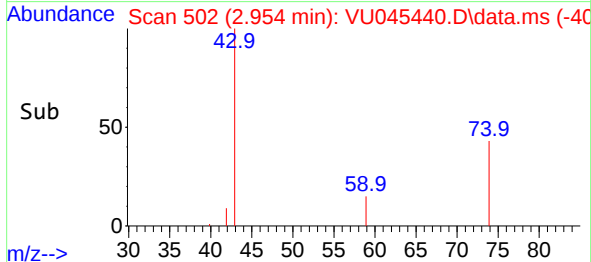
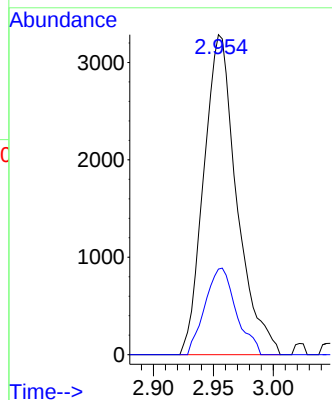
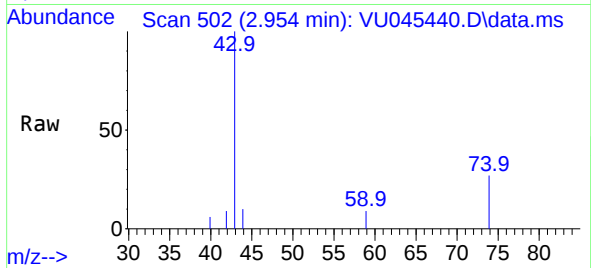




#15
Methyl Acetate
Concen: 2.105 ug/L
RT: 2.954 min Scan# 502
Delta R.T. 0.000 min
Lab File: VU045440.D
Acq: 28 Oct 2021 15:22

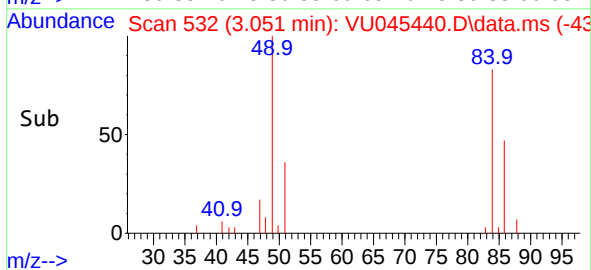
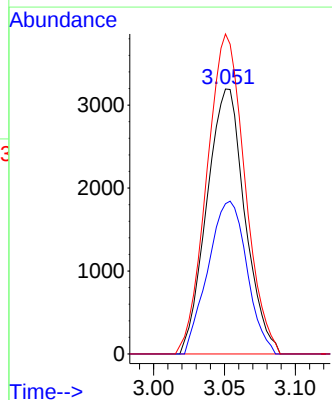
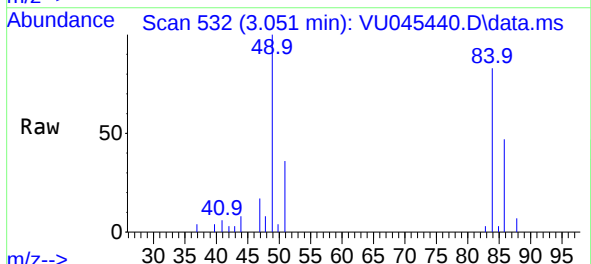
Instrument :
MSVOA_U
ClientSampleId :
MDL06

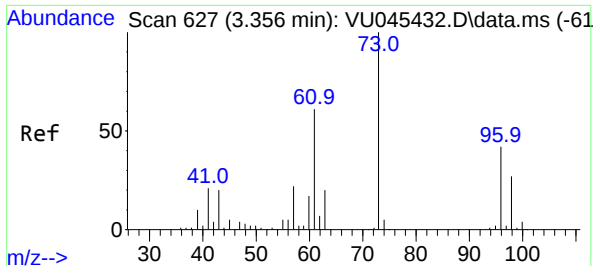
Tgt Ion: 43 Resp: 6292
Ion Ratio Lower Upper
43 100
74 25.5 20.0 30.0



#16
Methylene chloride
Concen: 2.237 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.003 min
Lab File: VU045440.D
Acq: 28 Oct 2021 15:22

Tgt Ion: 84 Resp: 5968
Ion Ratio Lower Upper
84 100
86 56.7 45.8 85.2
49 120.8 85.9 159.5

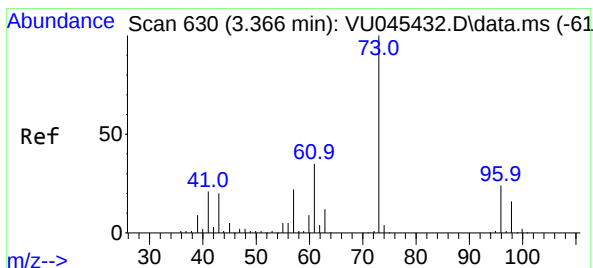
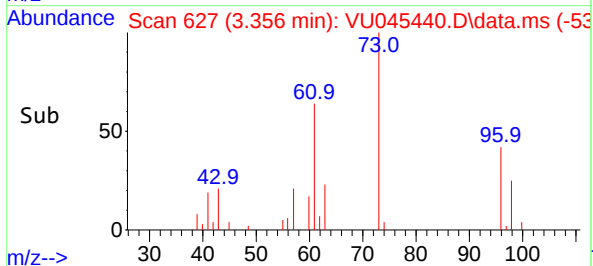
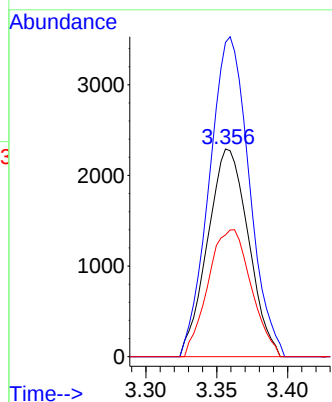
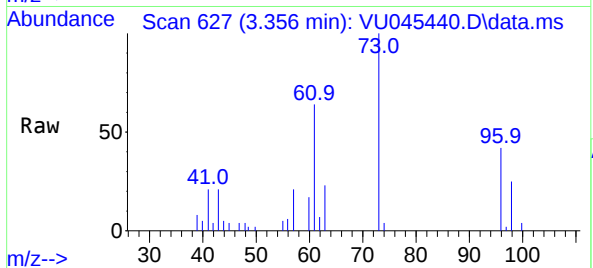




#17
trans-1,2-Dichloroethene
Concen: 1.986 ug/L
RT: 3.356 min Scan# 627
Delta R.T. 0.000 min
Lab File: VU045440.D
Acq: 28 Oct 2021 15:22

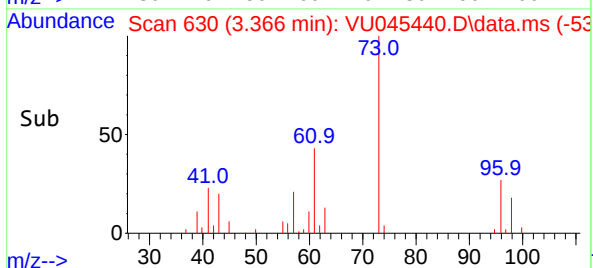
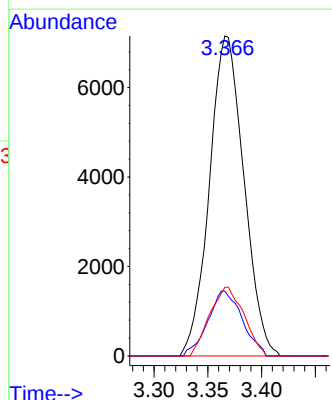
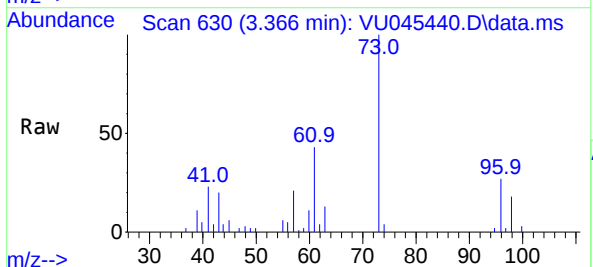
Instrument :
MSVOA_U
ClientSampleId :
MDL06

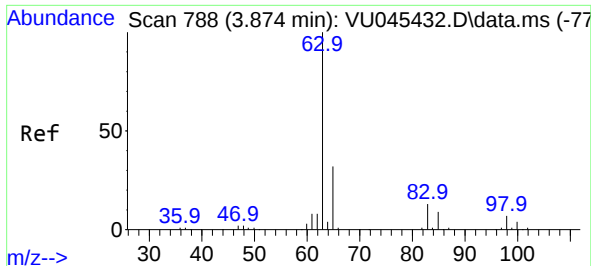
Tgt Ion: 96 Resp: 4592
Ion Ratio Lower Upper
96 100
61 151.3 101.8 189.2
98 58.6 45.1 83.7



#18
Methyl tert-butyl Ether
Concen: 1.966 ug/L
RT: 3.366 min Scan# 630
Delta R.T. 0.000 min
Lab File: VU045440.D
Acq: 28 Oct 2021 15:22

Tgt Ion: 73 Resp: 15938
Ion Ratio Lower Upper
73 100
43 20.2 16.2 24.4
57 21.4 18.1 27.1



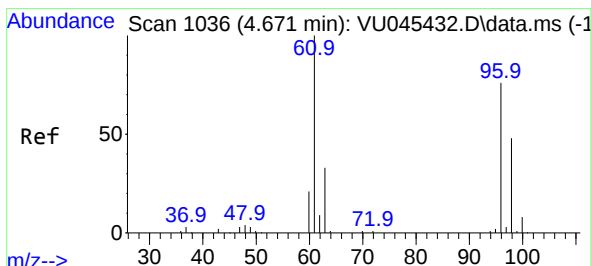
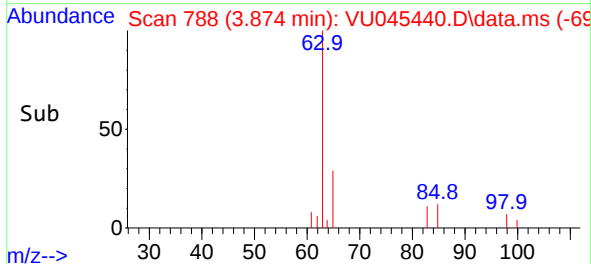
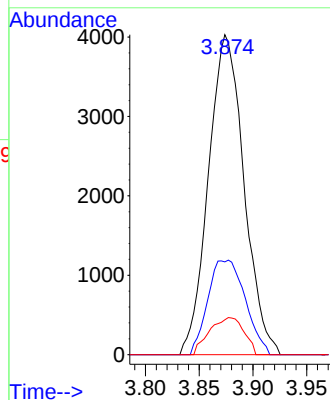
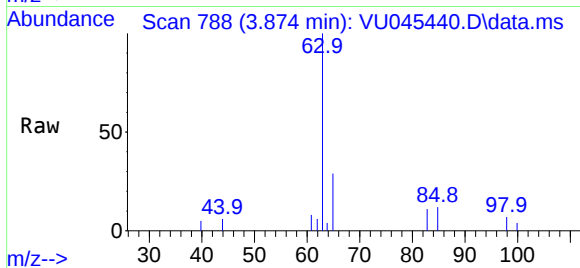


#19
1,1-Dichloroethane
Concen: 2.011 ug/L
RT: 3.874 min Scan# 788
Delta R.T. 0.000 min
Lab File: VU045440.D
Acq: 28 Oct 2021 15:22

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion: 63 Resp: 9270

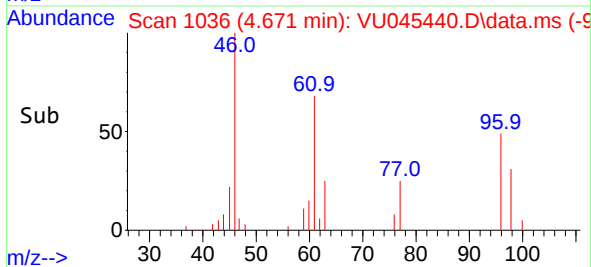
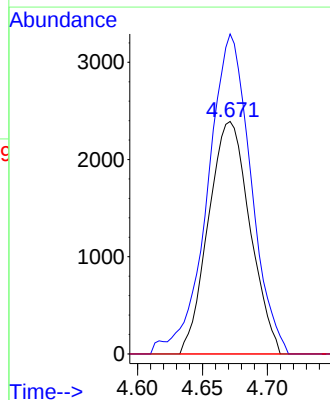
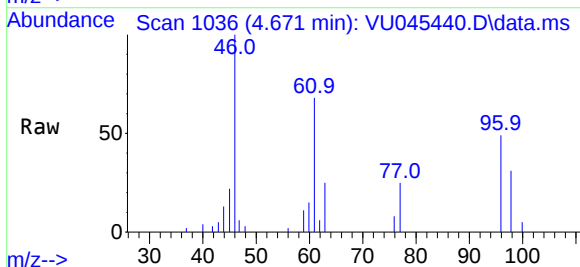
Ion	Ratio	Lower	Upper
63	100		
65	27.9	22.4	41.6
83	10.5	9.0	16.6

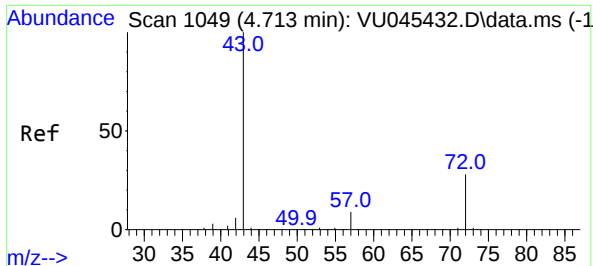


#20
cis-1,2-Dichloroethene
Concen: 2.017 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU045440.D
Acq: 28 Oct 2021 15:22

Tgt Ion: 96 Resp: 5322

Ion	Ratio	Lower	Upper
96	100		
61	137.6	92.8	172.4
68	0.0	0.0	0.0

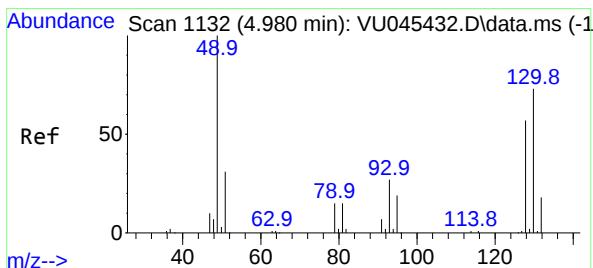
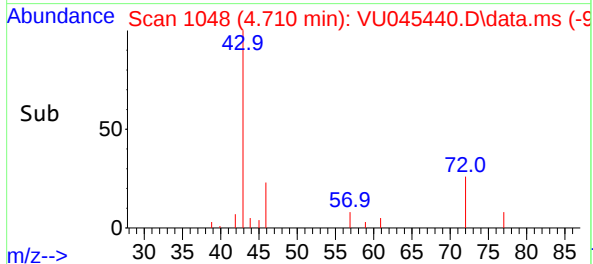
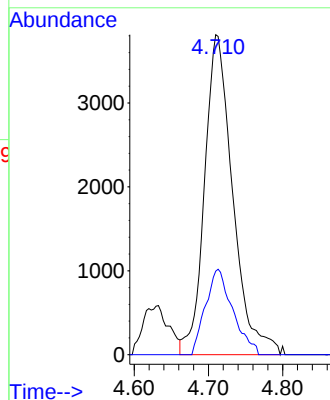
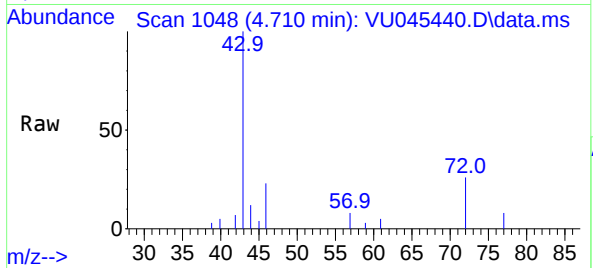




#22
2-Butanone
Concen: 4.165 ug/L
RT: 4.710 min Scan# 1048
Delta R.T. -0.003 min
Lab File: VU045440.D
Acq: 28 Oct 2021 15:22

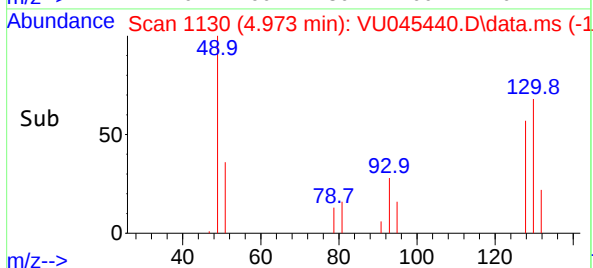
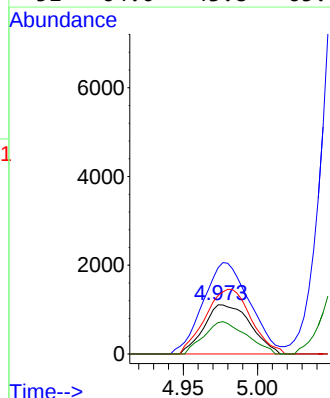
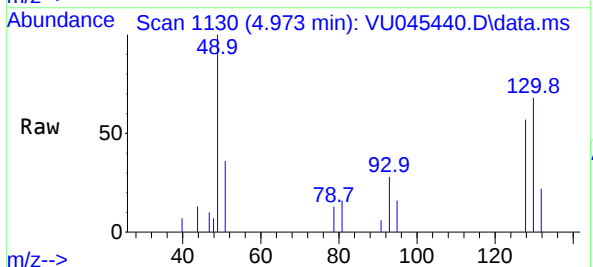
Instrument :
MSVOA_U
ClientSampleId :
MDL06

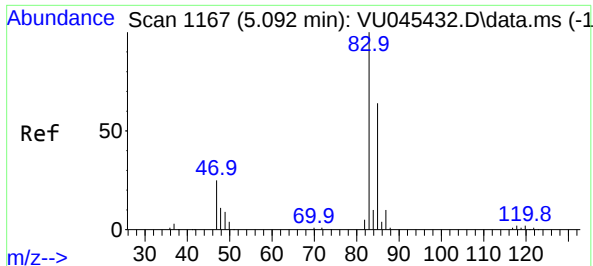
Tgt Ion: 43 Resp: 10062
Ion Ratio Lower Upper
43 100
72 25.8 14.4 43.2



#23
Bromochloromethane
Concen: 1.896 ug/L
RT: 4.973 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VU045440.D
Acq: 28 Oct 2021 15:22

Tgt Ion:128 Resp: 2408
Ion Ratio Lower Upper
128 100
49 175.5 123.1 228.5
130 118.8 89.8 166.8
51 64.0 43.8 65.8



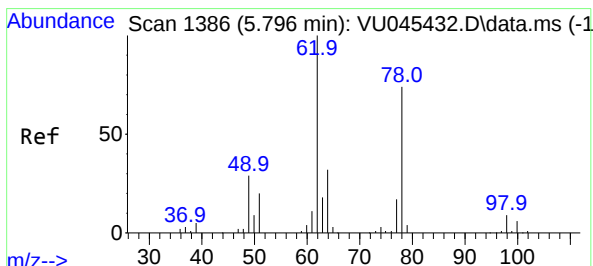
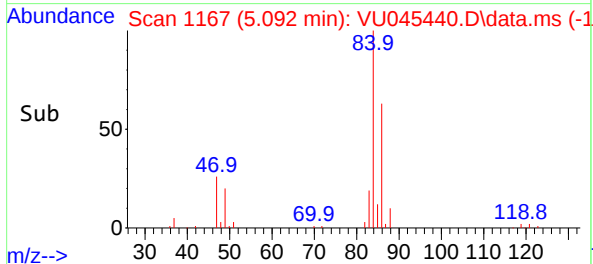
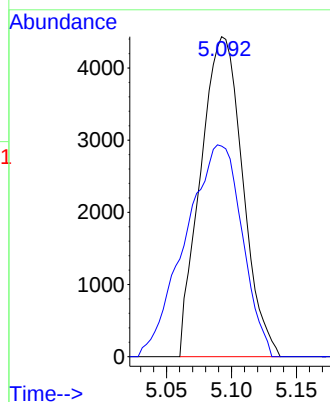
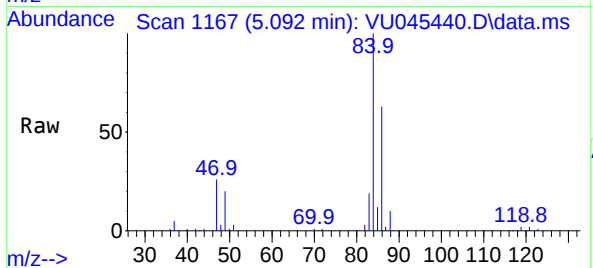


#25

Chloroform
Concen: 2.166 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VU045440.D
Acq: 28 Oct 2021 15:22

Instrument :
MSVOA_U
ClientSampleId :
MDL06

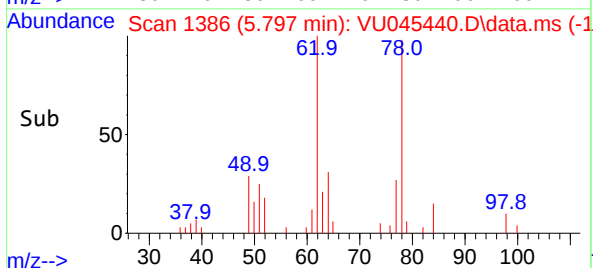
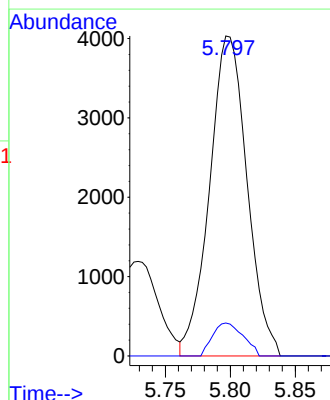
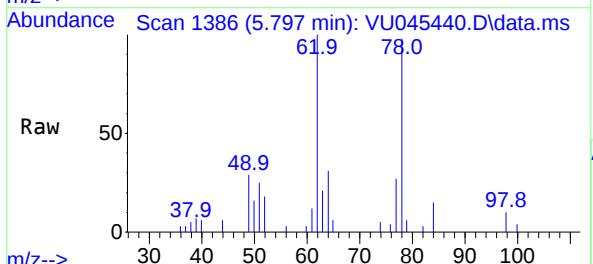
Tgt Ion: 83 Resp: 9993
Ion Ratio Lower Upper
83 100
85 65.8 45.0 83.6

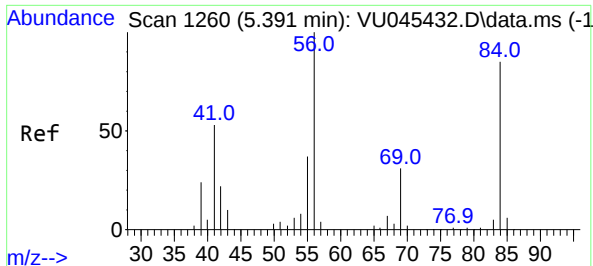


#27

1,2-Dichloroethane
Concen: 2.143 ug/L
RT: 5.797 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VU045440.D
Acq: 28 Oct 2021 15:22

Tgt Ion: 62 Resp: 8085
Ion Ratio Lower Upper
62 100
98 10.3 7.4 11.0





#29

Cyclohexane

Concen: 1.939 ug/L

RT: 5.391 min Scan# 1260

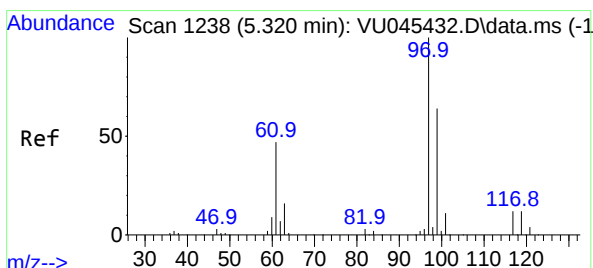
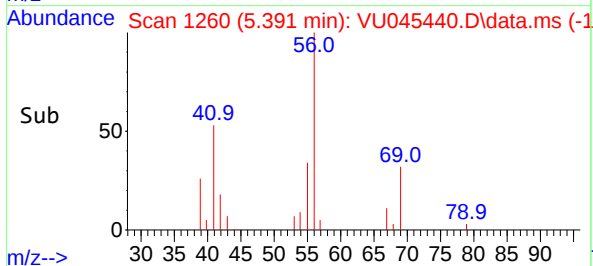
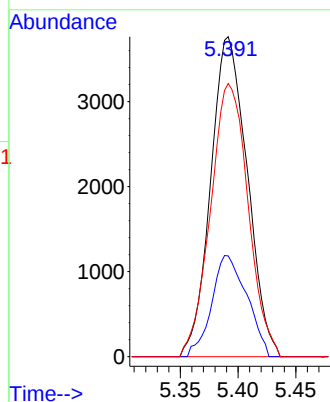
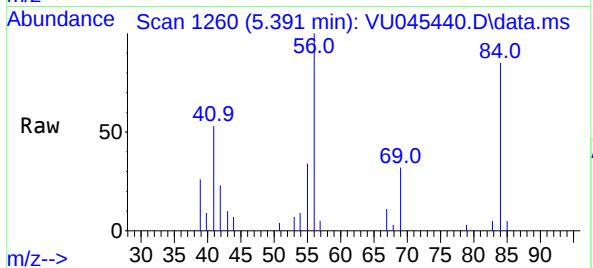
Delta R.T. 0.000 min

Lab File: VU045440.D

Acq: 28 Oct 2021 15:22

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion:	56	Resp:	8287
Ion	Ratio	Lower	Upper
56	100		
69	30.4	25.0	37.4
84	87.6	69.9	104.9



#30

1,1,1-Trichloroethane

Concen: 2.014 ug/L

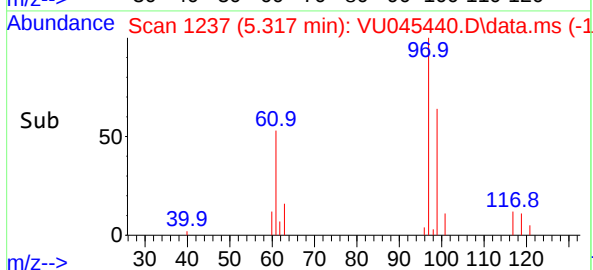
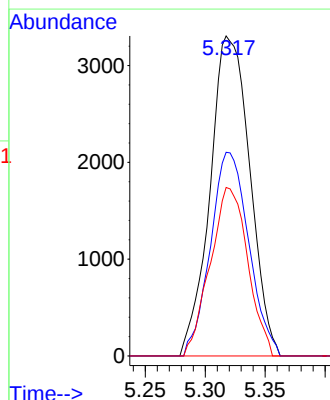
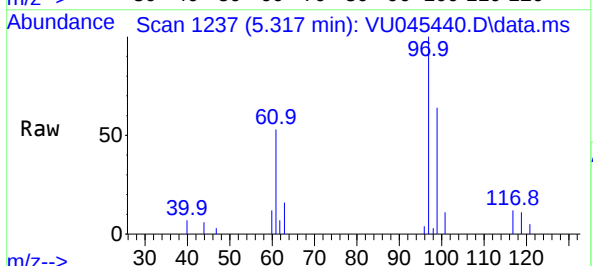
RT: 5.317 min Scan# 1237

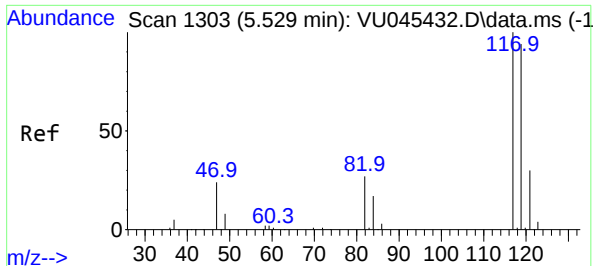
Delta R.T. -0.003 min

Lab File: VU045440.D

Acq: 28 Oct 2021 15:22

Tgt Ion:	97	Resp:	7625
Ion	Ratio	Lower	Upper
97	100		
99	61.3	51.3	76.9
61	49.6	38.8	58.2

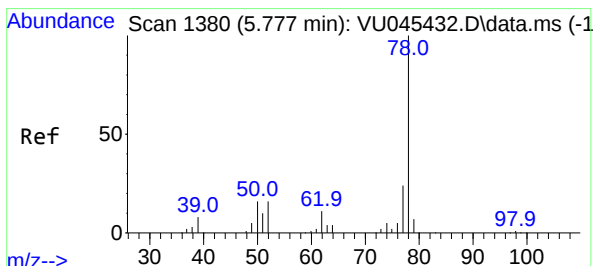
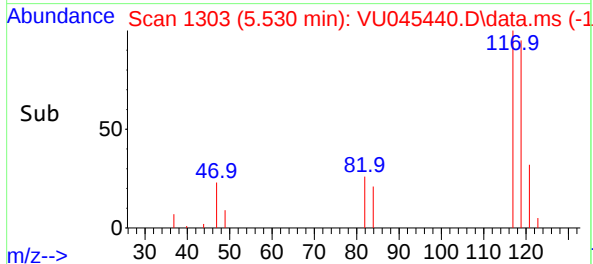
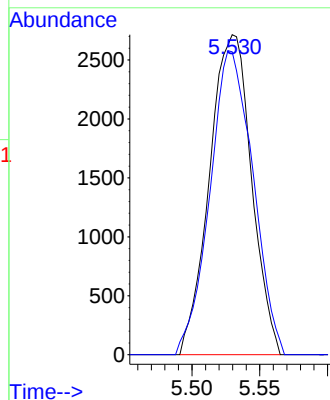
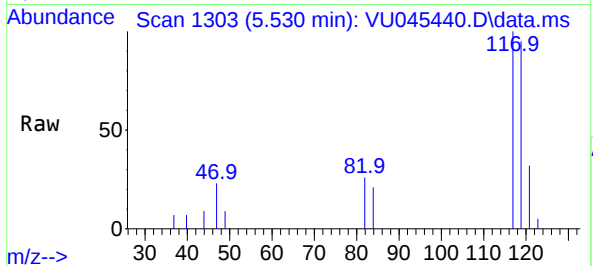




#31
Carbon tetrachloride
Concen: 1.955 ug/L
RT: 5.530 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VU045440.D
Acq: 28 Oct 2021 15:22

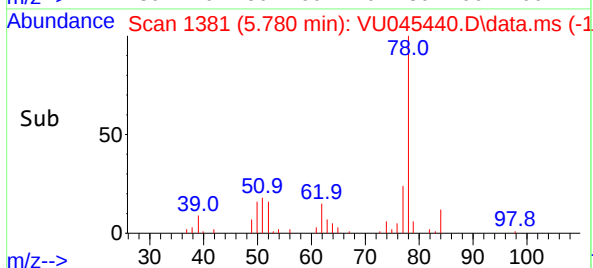
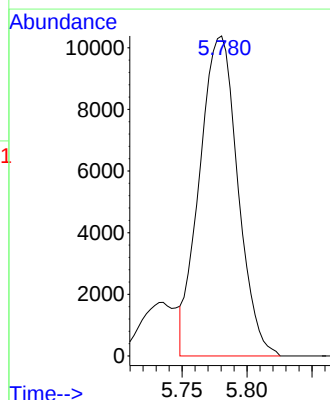
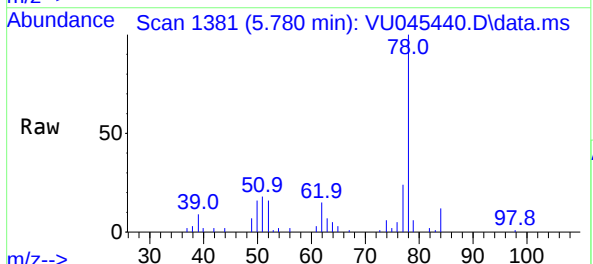
Instrument :
MSVOA_U
ClientSampled :
MDL06

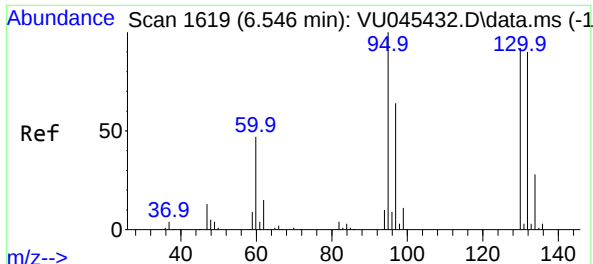
Tgt Ion:117 Resp: 5852
Ion Ratio Lower Upper
117 100
119 97.4 77.0 115.4



#33
Benzene
Concen: 2.057 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. 0.003 min
Lab File: VU045440.D
Acq: 28 Oct 2021 15:22

Tgt Ion: 78 Resp: 21269



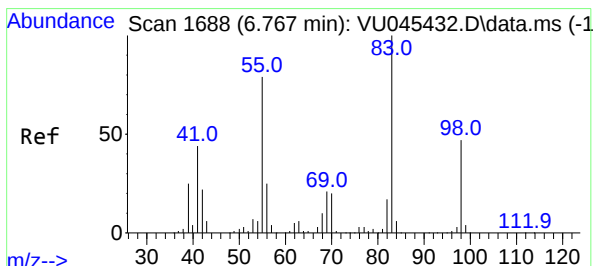
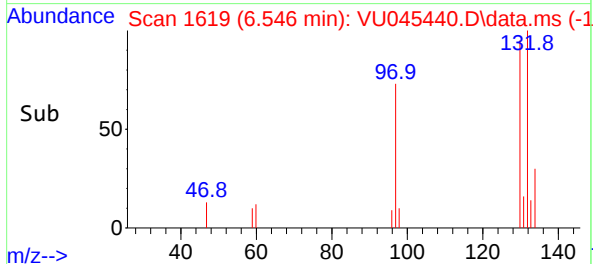
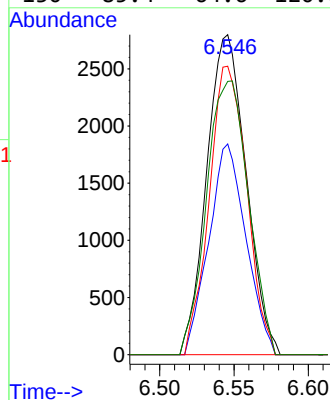
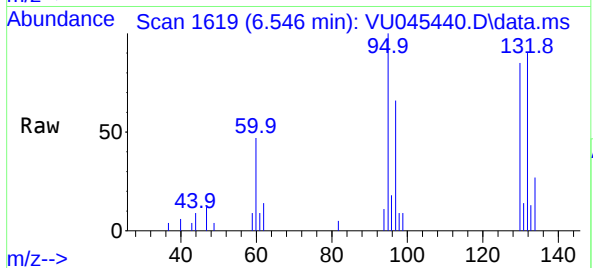


#34
Trichloroethene
Concen: 2.080 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045440.D
Acq: 28 Oct 2021 15:22

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion: 95 Resp: 5165

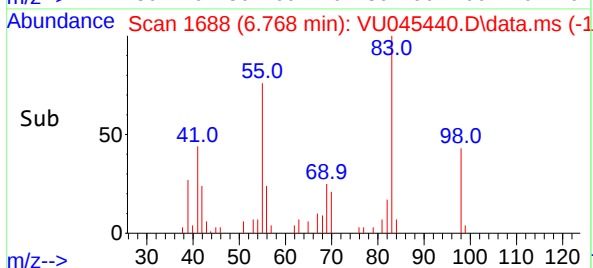
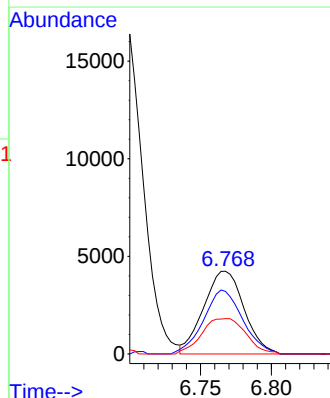
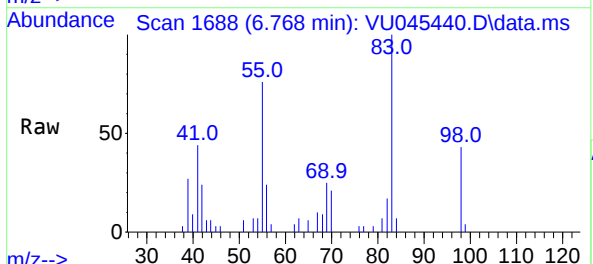
Ion	Ratio	Lower	Upper
95	100		
97	65.8	45.0	83.6
132	102.8	63.3	117.7
130	85.4	64.6	120.0

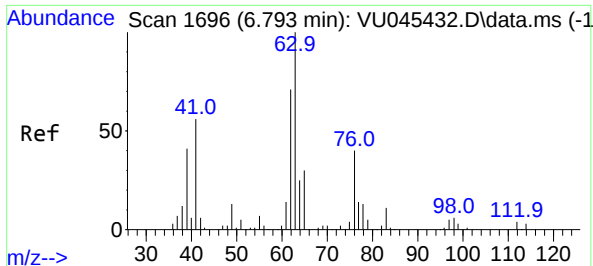


#35
Methylcyclohexane
Concen: 1.949 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VU045440.D
Acq: 28 Oct 2021 15:22

Tgt Ion: 83 Resp: 8408

Ion	Ratio	Lower	Upper
83	100		
55	74.7	62.8	94.2
98	46.6	37.4	56.2

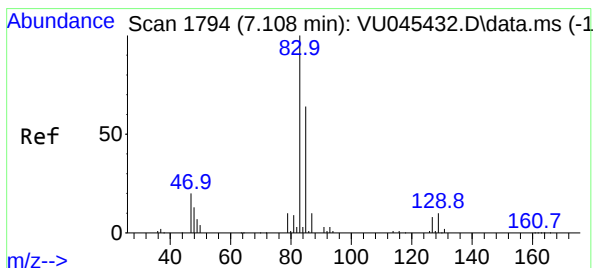
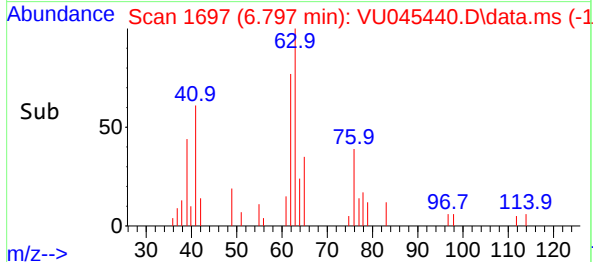
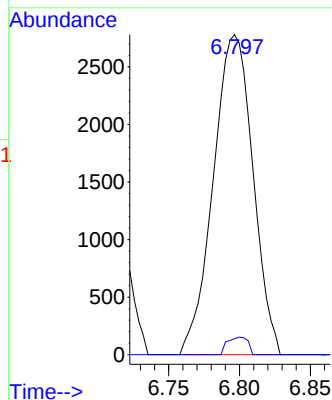
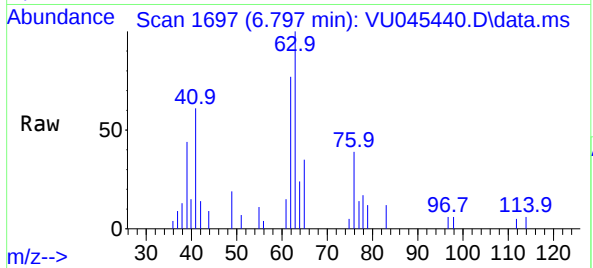




#37
1,2-Dichloropropane
Concen: 1.974 ug/L
RT: 6.797 min Scan# 1697
Delta R.T. 0.003 min
Lab File: VU045440.D
Acq: 28 Oct 2021 15:22

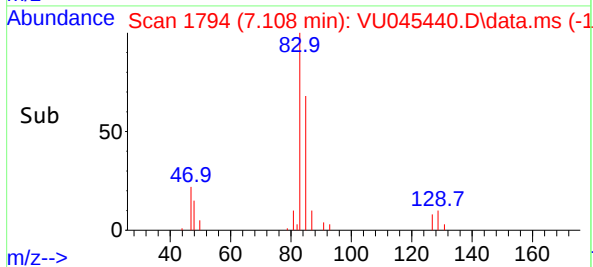
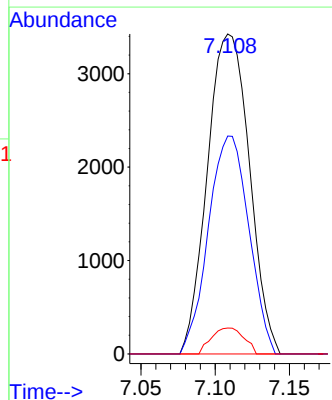
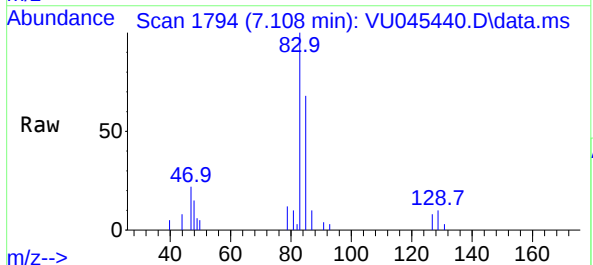
Instrument :
MSVOA_U
ClientSampleId :
MDL06

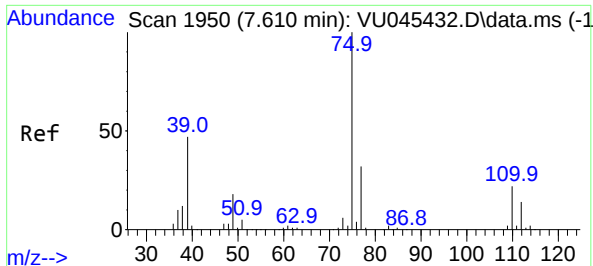
Tgt Ion: 63 Resp: 5421
Ion Ratio Lower Upper
63 100
112 2.8 3.4 5.2#



#38
Bromodichloromethane
Concen: 1.954 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU045440.D
Acq: 28 Oct 2021 15:22

Tgt Ion: 83 Resp: 6744
Ion Ratio Lower Upper
83 100
85 68.1 45.1 83.9
127 8.1 6.2 9.2

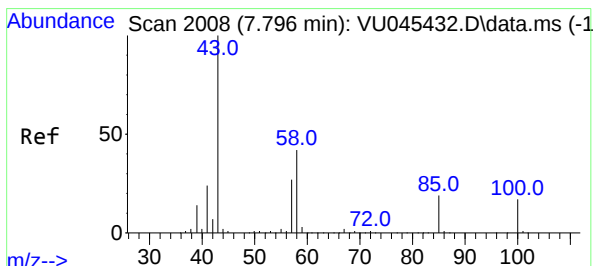
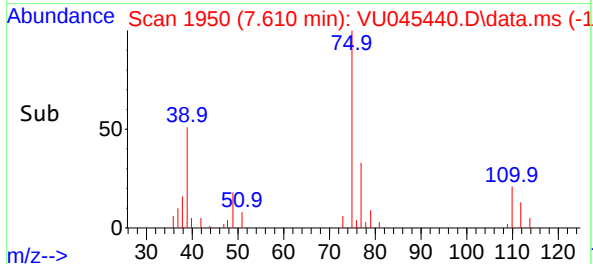
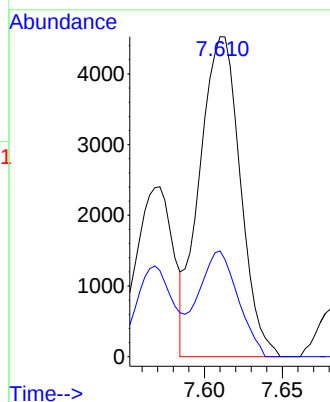
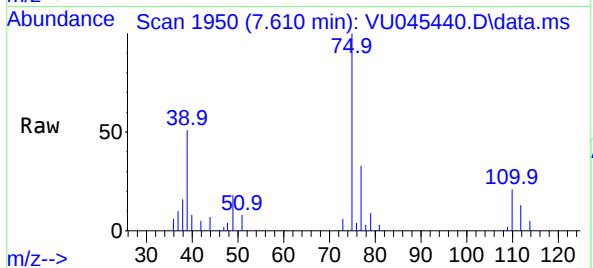




#39
cis-1,3-Dichloropropene
Concen: 1.958 ug/L
RT: 7.610 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VU045440.D
Acq: 28 Oct 2021 15:22

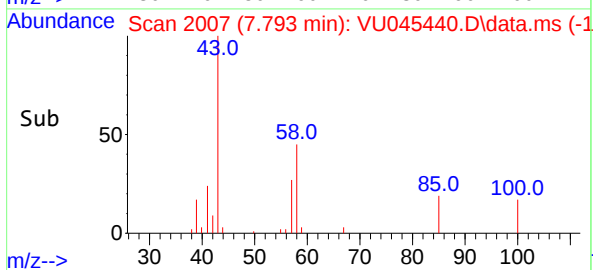
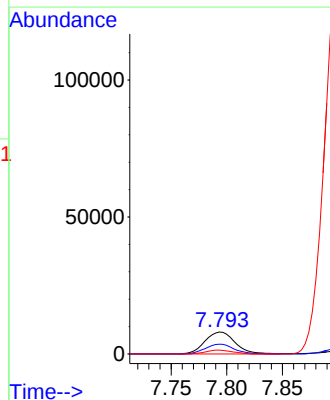
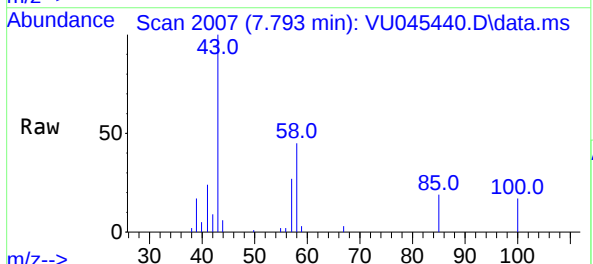
Instrument :
MSVOA_U
ClientSampled :
MDL06

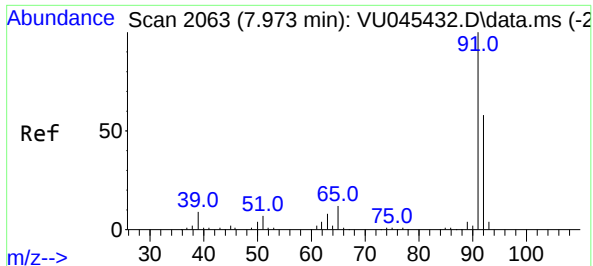
Tgt Ion: 75 Resp: 8224
Ion Ratio Lower Upper
75 100
77 33.0 22.7 42.1



#40
4-Methyl-2-pentanone
Concen: 3.739 ug/L
RT: 7.793 min Scan# 2007
Delta R.T. -0.003 min
Lab File: VU045440.D
Acq: 28 Oct 2021 15:22

Tgt Ion: 43 Resp: 15149
Ion Ratio Lower Upper
43 100
58 42.4 33.9 50.9
100 15.4 13.3 19.9

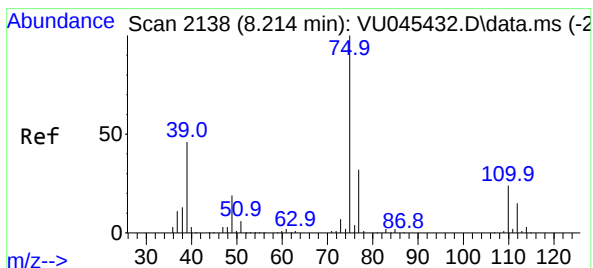
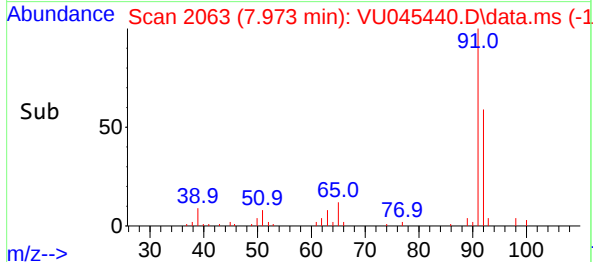
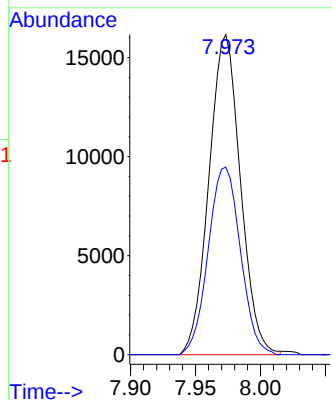
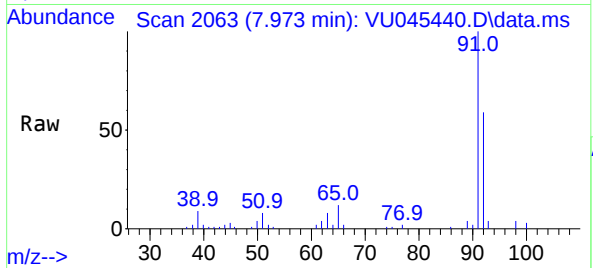




#42
Toluene
Concen: 2.532 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045440.D
Acq: 28 Oct 2021 15:22

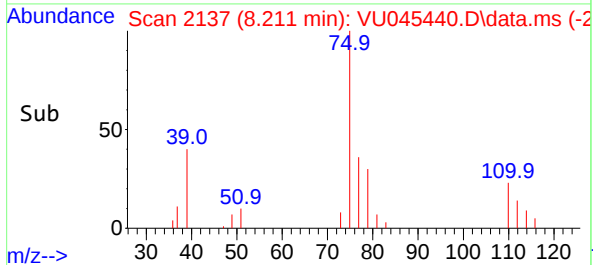
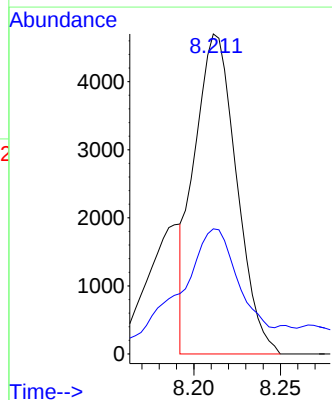
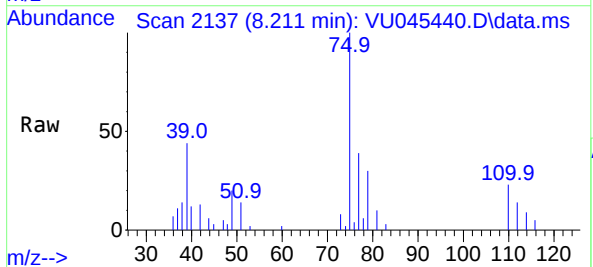
Instrument :
MSVOA_U
ClientSampled :
MDL06

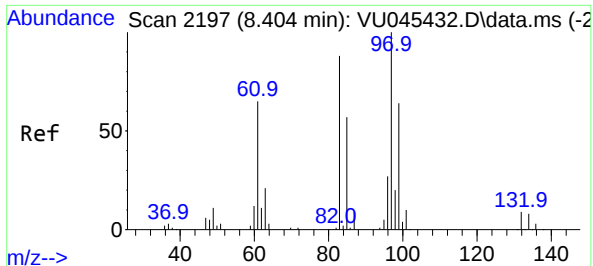
Tgt Ion: 91 Resp: 27253
Ion Ratio Lower Upper
91 100
92 58.6 40.7 75.7



#44
trans-1,3-Dichloropropene
Concen: 2.007 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. -0.003 min
Lab File: VU045440.D
Acq: 28 Oct 2021 15:22

Tgt Ion: 75 Resp: 7949
Ion Ratio Lower Upper
75 100
77 39.1 22.7 42.1





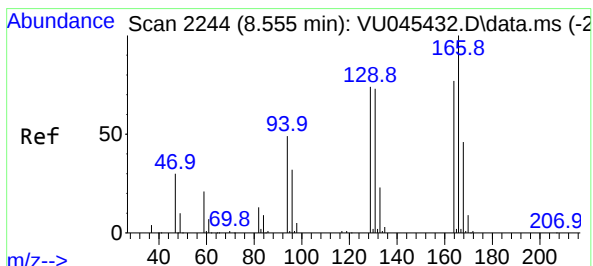
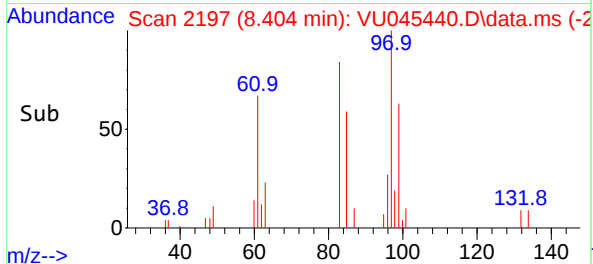
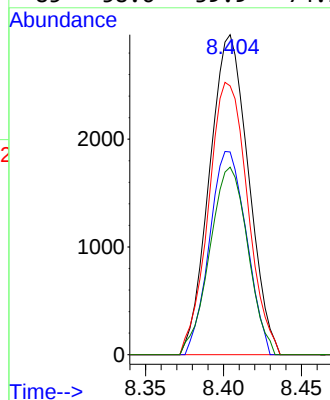
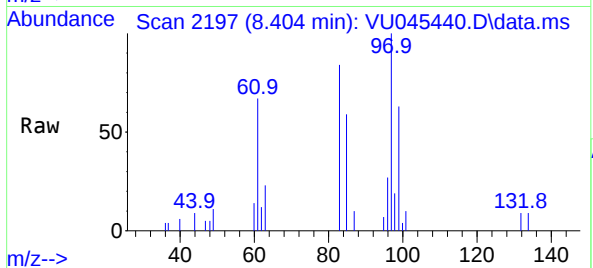
#45

1,1,2-Trichloroethane
Concen: 2.023 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU045440.D
Acq: 28 Oct 2021 15:22

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion: 97 Resp: 5159

Ion	Ratio	Lower	Upper
97	100		
99	63.4	44.7	82.9
83	84.0	61.5	114.1
85	58.6	39.9	74.1

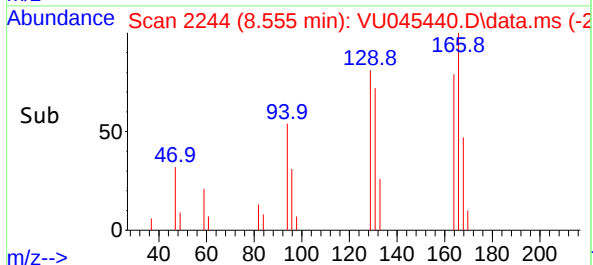
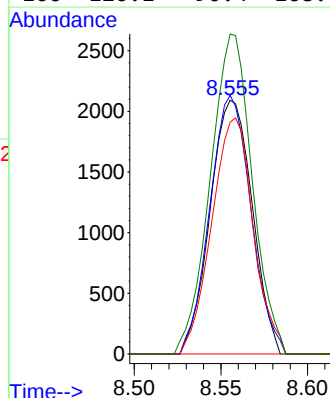
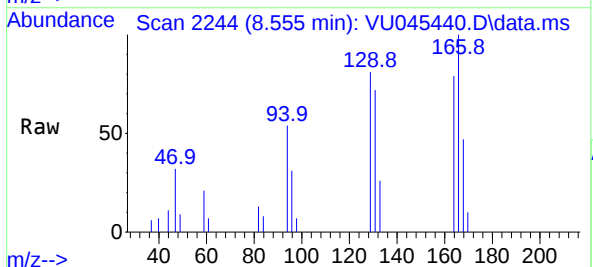


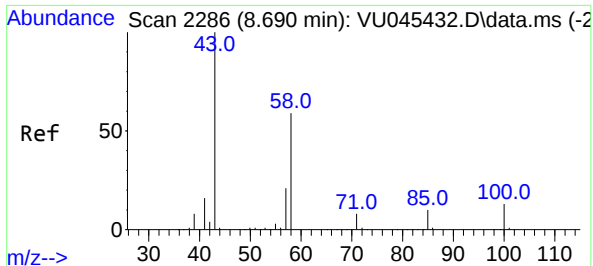
#46

Tetrachloroethene
Concen: 2.005 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU045440.D
Acq: 28 Oct 2021 15:22

Tgt Ion: 164 Resp: 3531

Ion	Ratio	Lower	Upper
164	100		
129	101.9	66.8	124.2
131	91.3	65.6	121.8
166	126.1	90.4	168.0



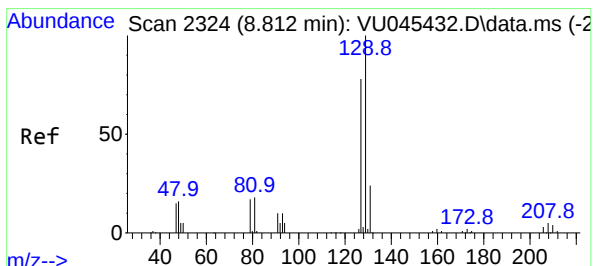
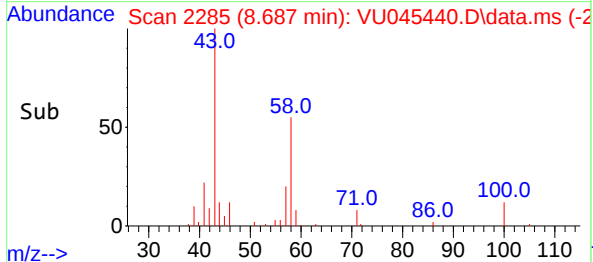
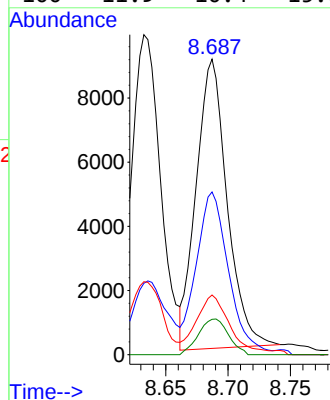
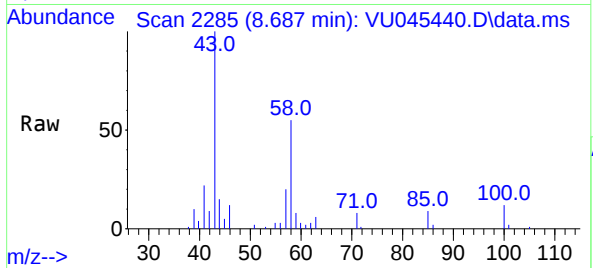


#48
2-Hexanone
Concen: 4.621 ug/L
RT: 8.687 min Scan# 2285
Delta R.T. -0.003 min
Lab File: VU045440.D
Acq: 28 Oct 2021 15:22

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Tgt Ion: 43 Resp: 15596

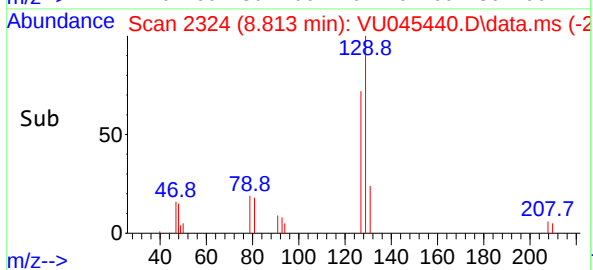
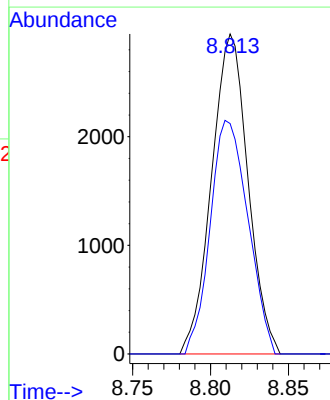
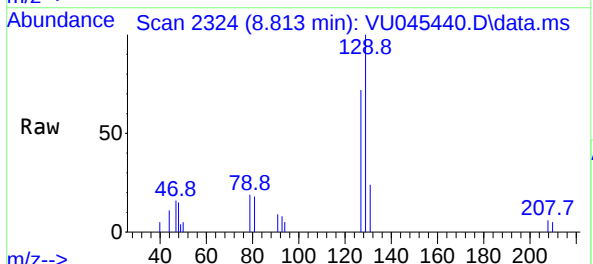
Ion	Ratio	Lower	Upper
43	100		
58	58.9	47.0	70.4
57	20.0	16.3	24.5
100	11.9	10.4	15.6

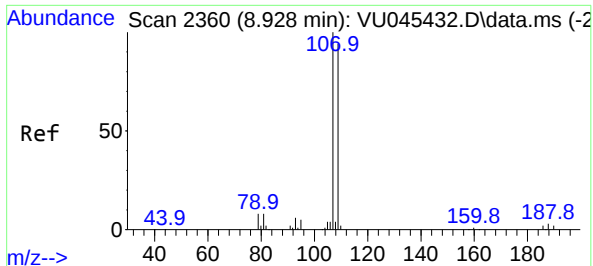


#49
Dibromochloromethane
Concen: 1.950 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU045440.D
Acq: 28 Oct 2021 15:22

Tgt Ion: 129 Resp: 4790

Ion	Ratio	Lower	Upper
129	100		
127	72.0	54.9	101.9





#50

1,2-Dibromoethane

Concen: 2.026 ug/L

RT: 8.925 min Scan# 2359

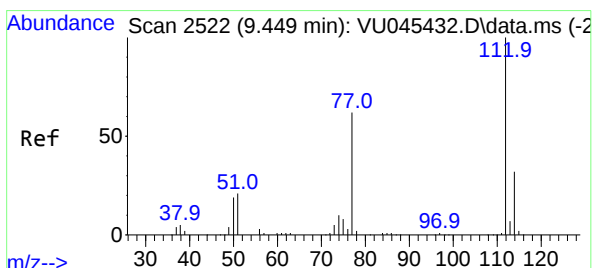
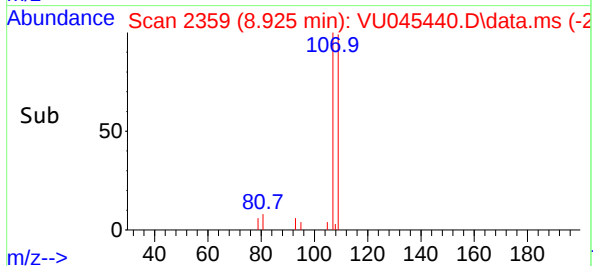
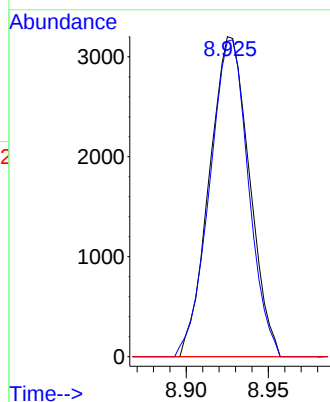
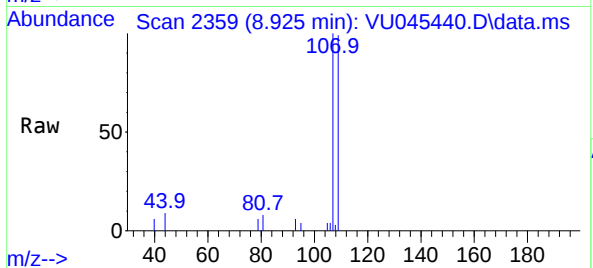
Delta R.T. -0.003 min

Lab File: VU045440.D

Acq: 28 Oct 2021 15:22

Tgt Ion:	107	Resp:	5421
Ion	Ratio	Lower	Upper
107	100		
109	98.6	66.1	122.8
188	0.0	2.8	4.2#

Instrument :
MSVOA_U
ClientSampleId :
MDL06



#51

Chlorobenzene

Concen: 2.049 ug/L

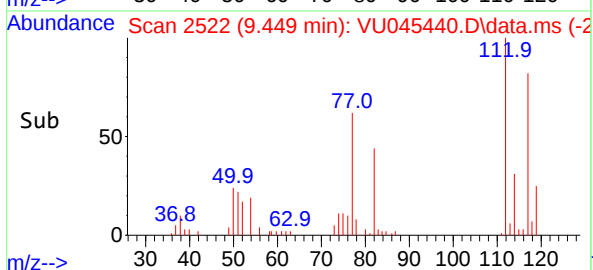
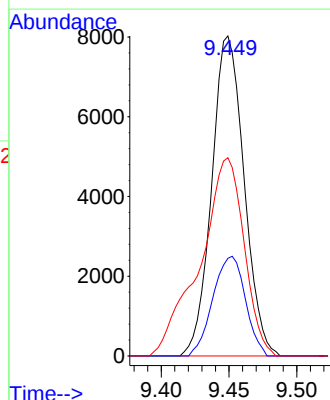
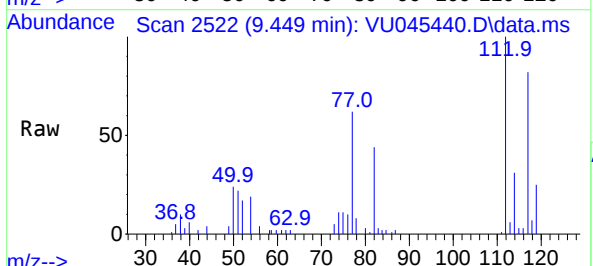
RT: 9.449 min Scan# 2522

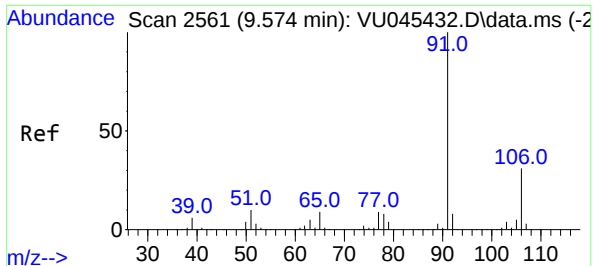
Delta R.T. 0.000 min

Lab File: VU045440.D

Acq: 28 Oct 2021 15:22

Tgt Ion:	112	Resp:	13323
Ion	Ratio	Lower	Upper
112	100		
114	30.5	22.5	41.7
77	62.0	49.8	74.6

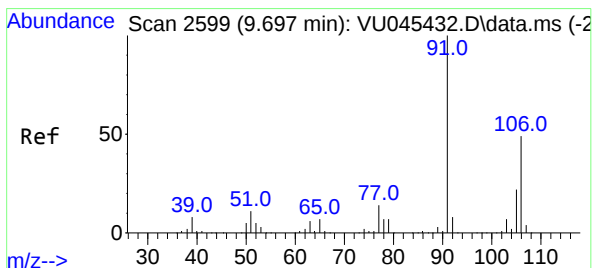
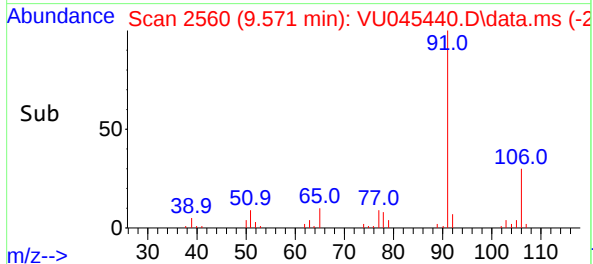
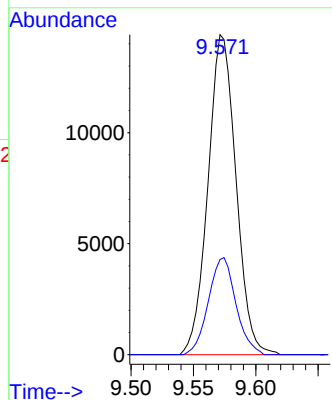
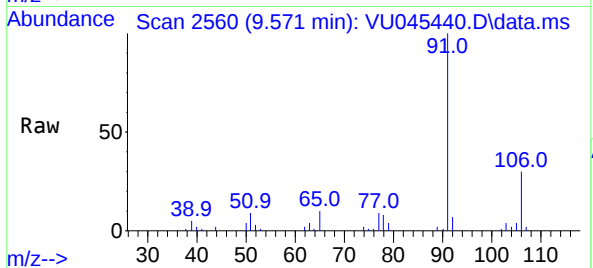




#52
Ethylbenzene
Concen: 1.980 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.003 min
Lab File: VU045440.D
Acq: 28 Oct 2021 15:22

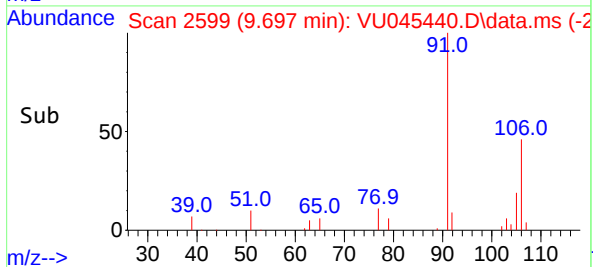
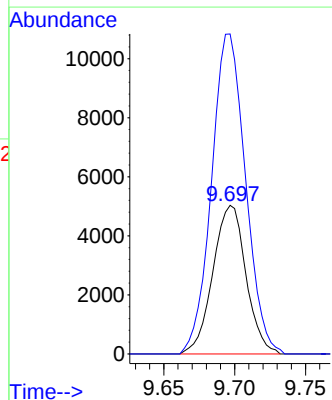
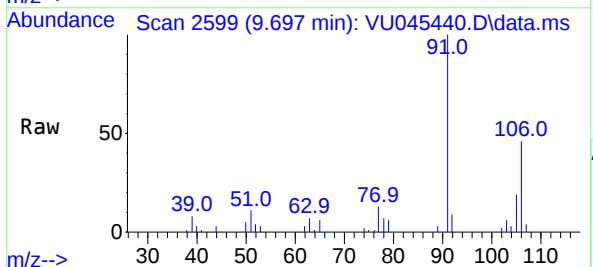
Instrument :
MSVOA_U
ClientSampleId :
MDL06

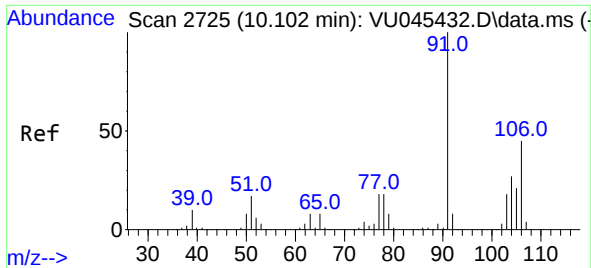
Tgt Ion: 91 Resp: 22597
Ion Ratio Lower Upper
91 100
106 29.8 21.7 40.3



#53
m,p-Xylene
Concen: 1.872 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU045440.D
Acq: 28 Oct 2021 15:22

Tgt Ion: 106 Resp: 8177
Ion Ratio Lower Upper
106 100
91 215.4 142.2 264.2

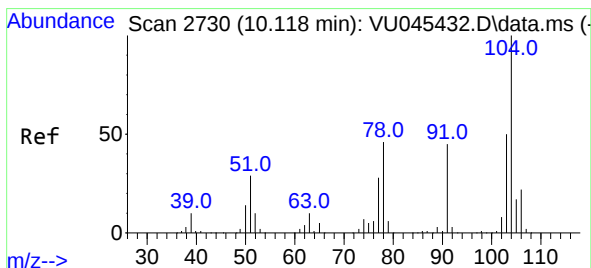
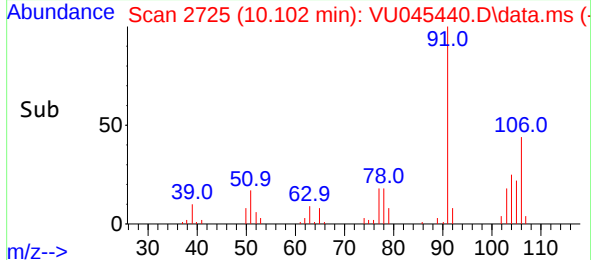
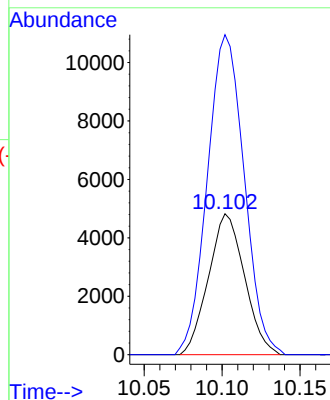
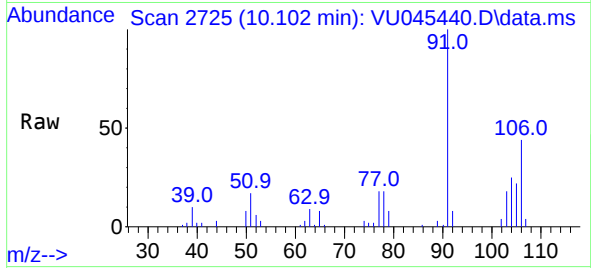




#54
o-xylene
Concen: 1.794 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU045440.D
Acq: 28 Oct 2021 15:22

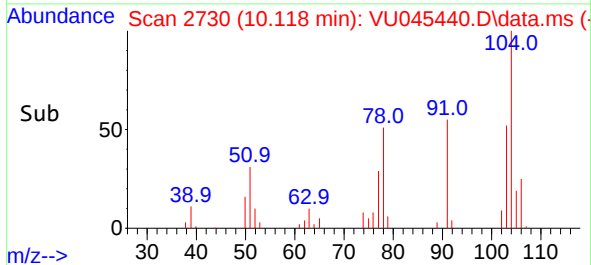
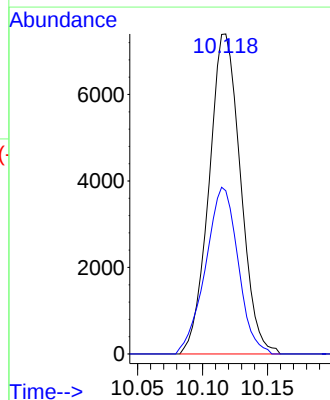
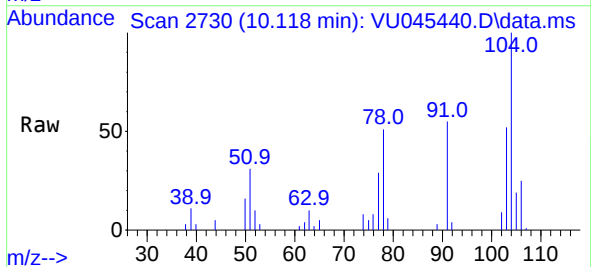
Instrument :
MSVOA_U
ClientSampleId :
MDL06

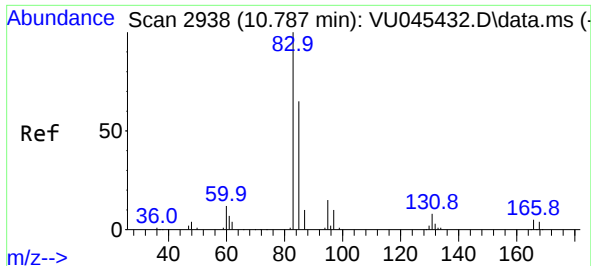
Tgt Ion:106 Resp: 7761
Ion Ratio Lower Upper
106 100
91 208.4 155.2 288.2



#55
Styrene
Concen: 1.716 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. 0.000 min
Lab File: VU045440.D
Acq: 28 Oct 2021 15:22

Tgt Ion:104 Resp: 12472
Ion Ratio Lower Upper
104 100
78 51.0 32.6 60.6

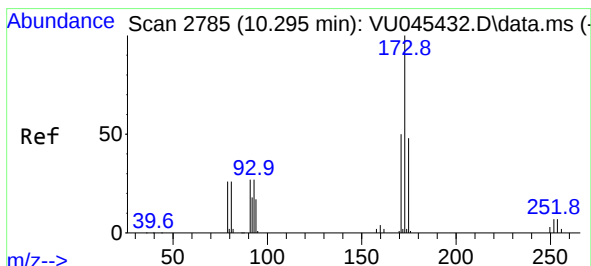
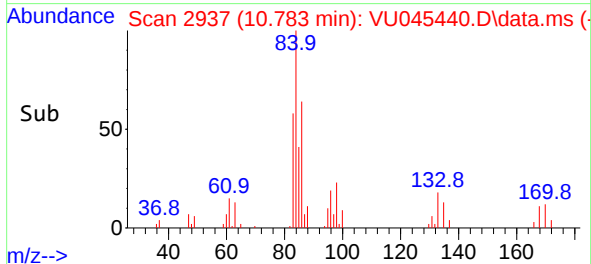
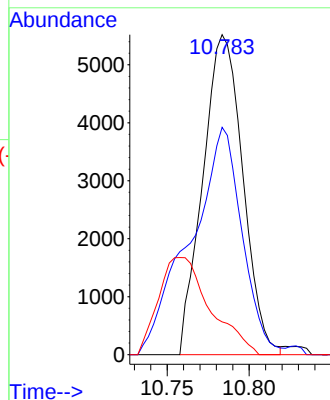
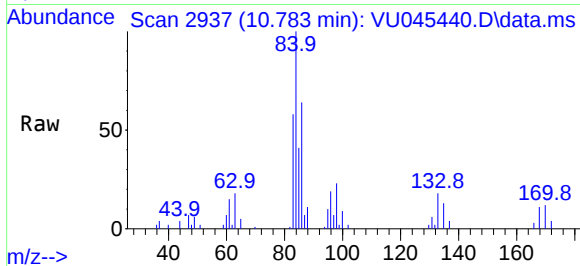




#57
1,1,2,2-Tetrachloroethane
Concen: 2.064 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. -0.003 min
Lab File: VU045440.D
Acq: 28 Oct 2021 15:22

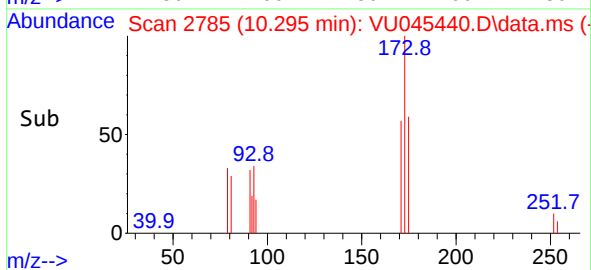
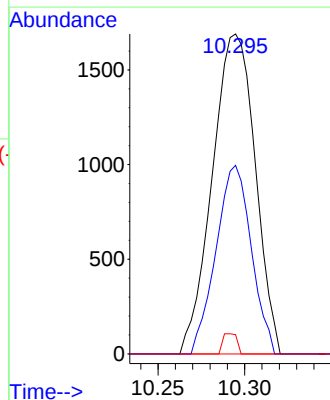
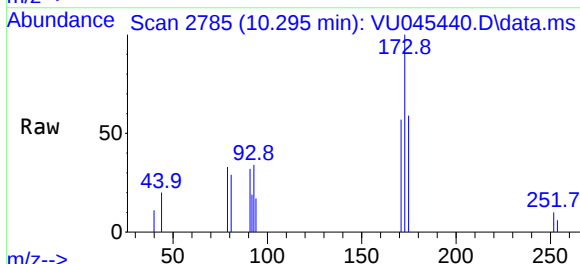
Instrument :
MSVOA_U
ClientSampleId :
MDL06

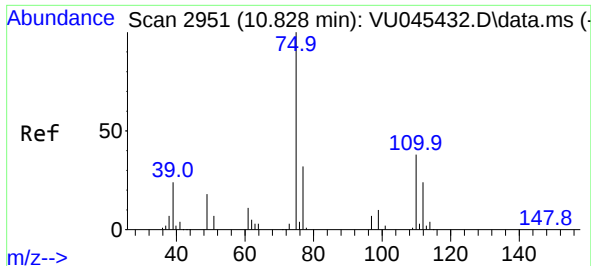
Tgt Ion:	83	Resp:	9351
Ion	Ratio	Lower	Upper
83	100		
85	71.0	46.0	85.4
131	10.2	7.0	10.4



#59
Bromoform
Concen: 1.795 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. 0.000 min
Lab File: VU045440.D
Acq: 28 Oct 2021 15:22

Tgt Ion:	173	Resp:	2911
Ion	Ratio	Lower	Upper
173	100		
175	48.4	38.7	58.1
254	2.1	5.8	8.8#

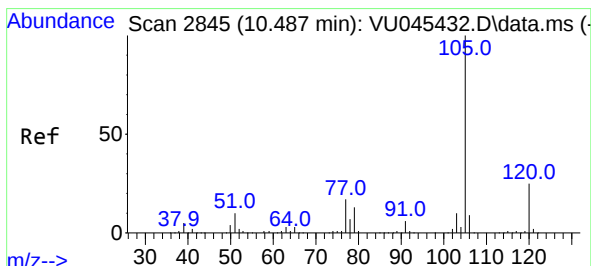
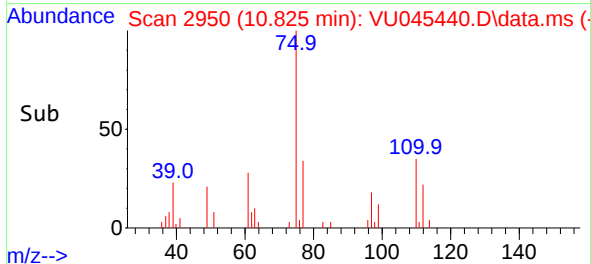
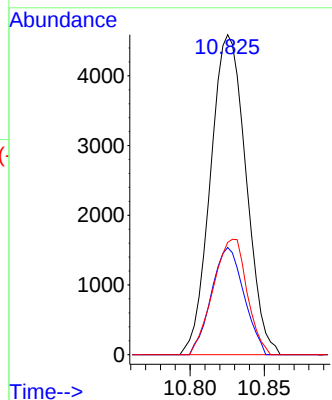
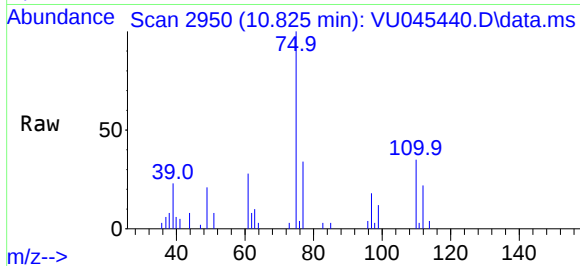




#60
1,2,3-Trichloropropane
Concen: 2.201 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VU045440.D
Acq: 28 Oct 2021 15:22

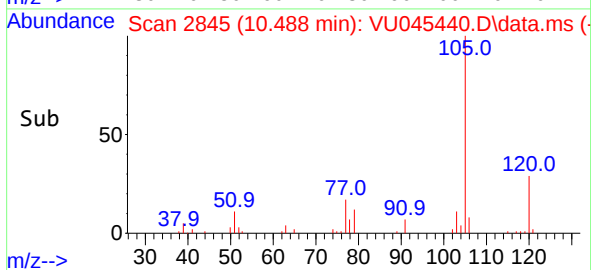
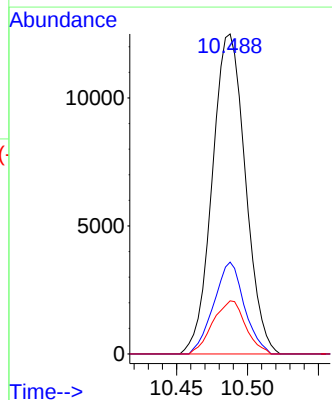
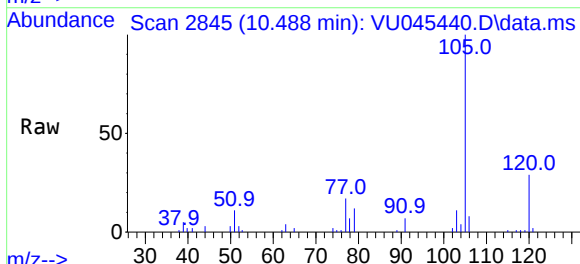
Instrument :
MSVOA_U
ClientSampleId :
MDL06

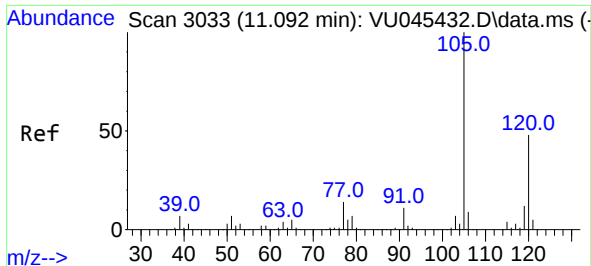
Tgt Ion:	75	Resp:	7623
Ion	Ratio	Lower	Upper
75	100		
77	30.7	25.9	38.9
110	34.4	29.8	44.8



#61
Isopropylbenzene
Concen: 1.953 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU045440.D
Acq: 28 Oct 2021 15:22

Tgt Ion:	105	Resp:	20302
Ion	Ratio	Lower	Upper
105	100		
120	26.5	20.4	30.6
77	16.4	13.3	19.9

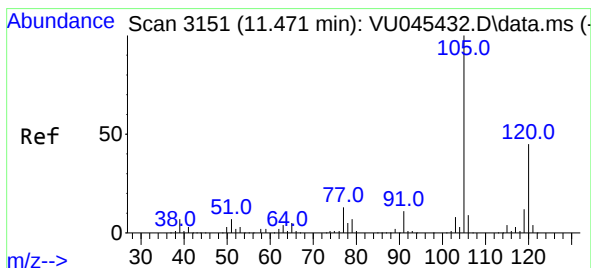
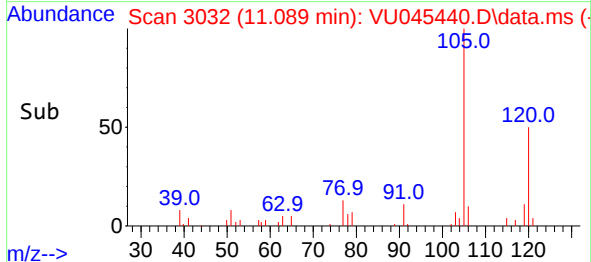
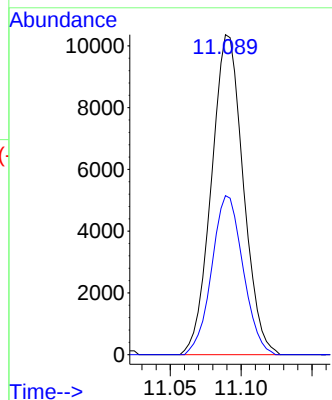
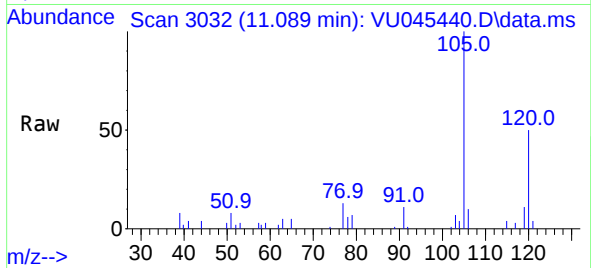




#62
1,3,5-Trimethylbenzene
Concen: 1.828 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. -0.003 min
Lab File: VU045440.D
Acq: 28 Oct 2021 15:22

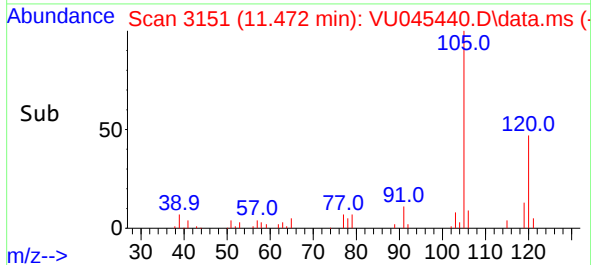
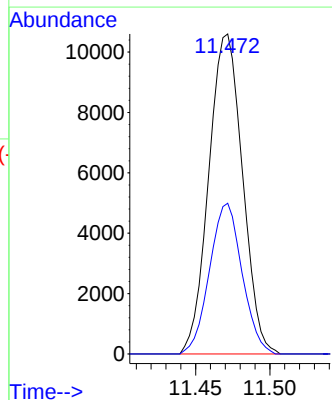
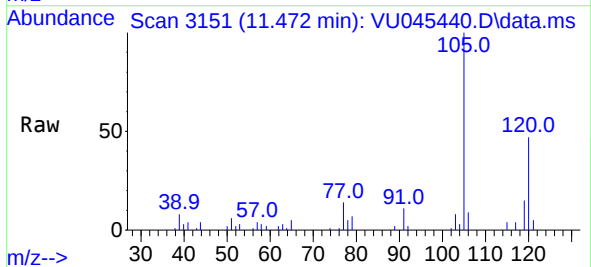
Instrument :
MSVOA_U
ClientSampleId :
MDL06

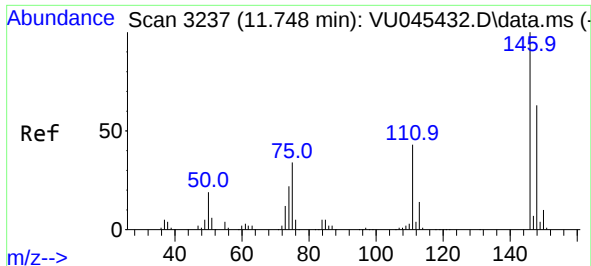
Tgt Ion:105 Resp: 16183
Ion Ratio Lower Upper
105 100
120 48.9 38.5 57.7



#63
1,2,4-Trimethylbenzene
Concen: 1.862 ug/L
RT: 11.472 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU045440.D
Acq: 28 Oct 2021 15:22

Tgt Ion:105 Resp: 16760
Ion Ratio Lower Upper
105 100
120 45.4 35.6 53.4

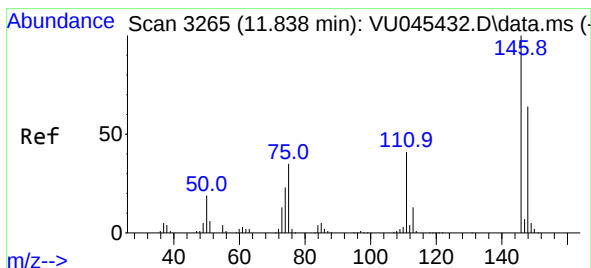
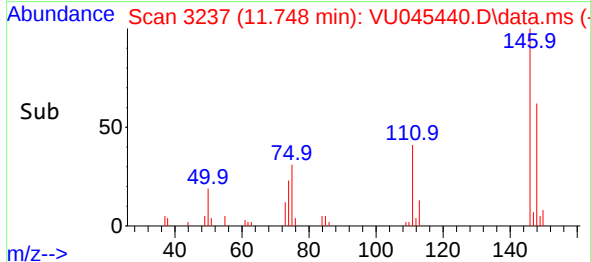
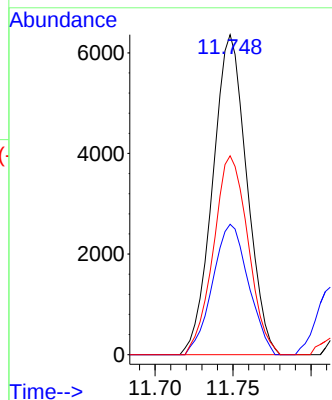
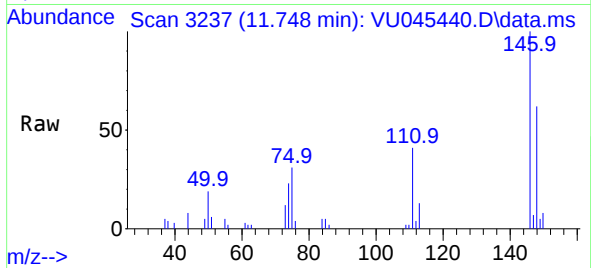




#64
1,3-Dichlorobenzene
Concen: 2.104 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU045440.D
Acq: 28 Oct 2021 15:22

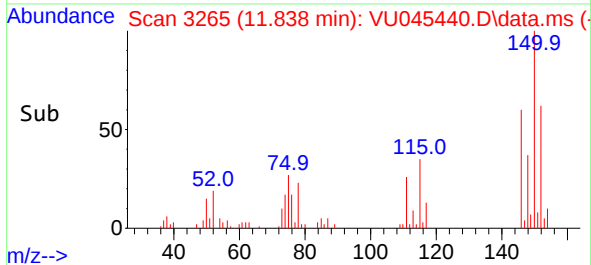
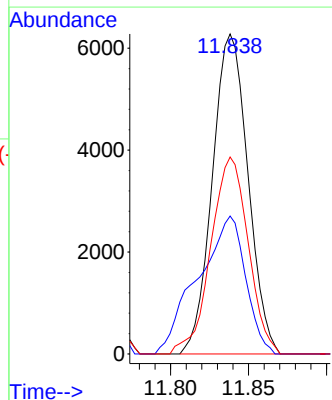
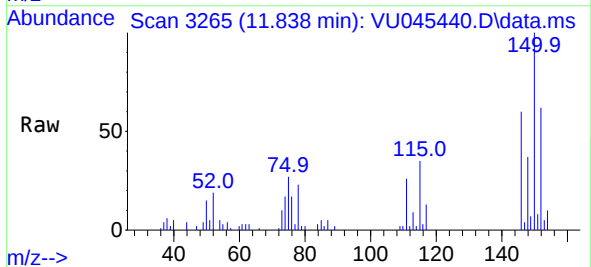
Instrument :
MSVOA_U
ClientSampleId :
MDL06

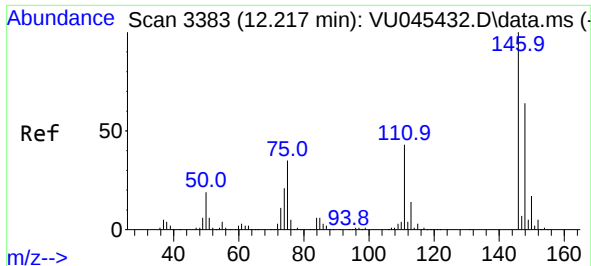
Tgt Ion:146 Resp: 9672
Ion Ratio Lower Upper
146 100
111 40.7 29.8 55.4
148 62.1 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 2.144 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU045440.D
Acq: 28 Oct 2021 15:22

Tgt Ion:146 Resp: 9974
Ion Ratio Lower Upper
146 100
111 43.1 28.6 53.0
148 73.0 44.5 82.7

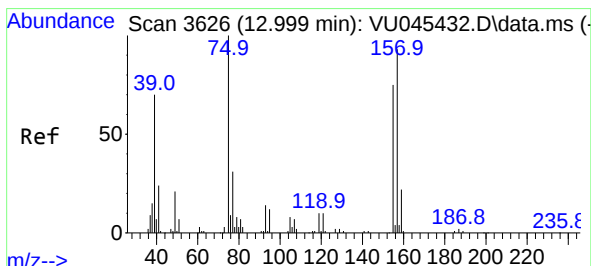
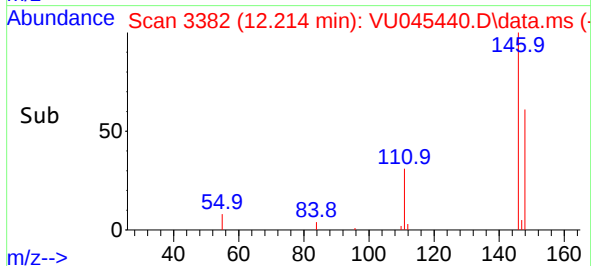
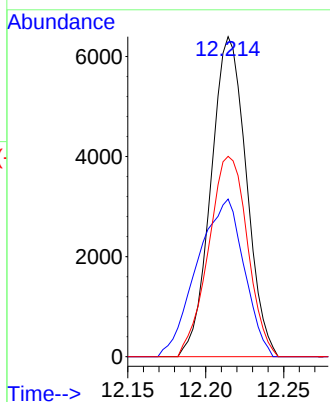
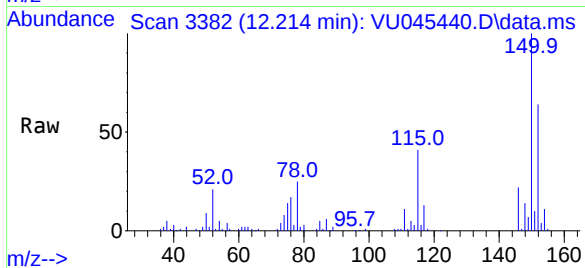




#67
1,2-Dichlorobenzene
Concen: 2.118 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. -0.003 min
Lab File: VU045440.D
Acq: 28 Oct 2021 15:22

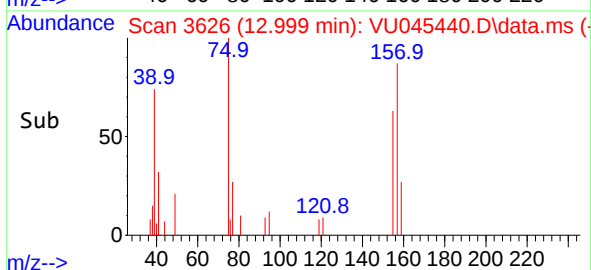
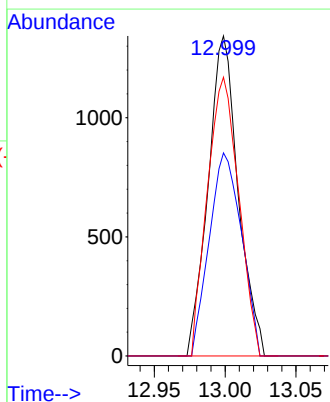
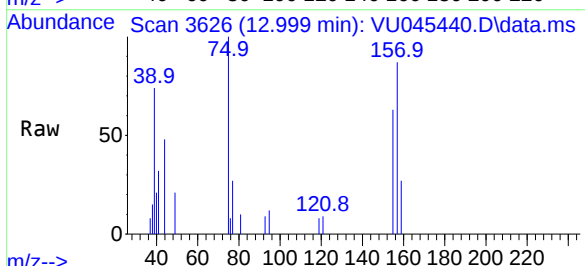
Instrument :
MSVOA_U
ClientSampleId :
MDL06

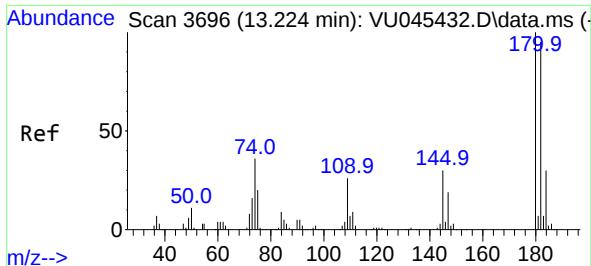
Tgt Ion:146 Resp: 10078
Ion Ratio Lower Upper
146 100
111 49.2 34.6 52.0
148 62.6 51.2 76.8



#68
1,2-Dibromo-3-chloropropane
Concen: 1.957 ug/L
RT: 12.999 min Scan# 3626
Delta R.T. 0.000 min
Lab File: VU045440.D
Acq: 28 Oct 2021 15:22

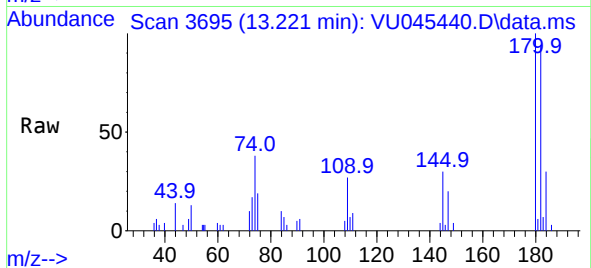
Tgt Ion: 75 Resp: 1979
Ion Ratio Lower Upper
75 100
155 58.8 60.0 90.0#
157 80.7 77.9 116.9



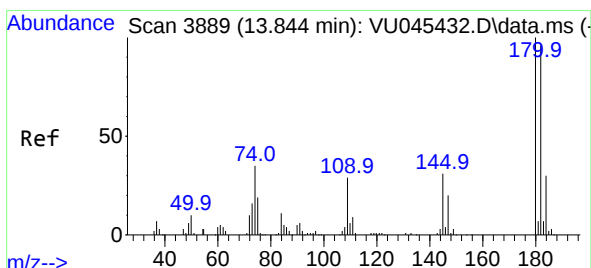
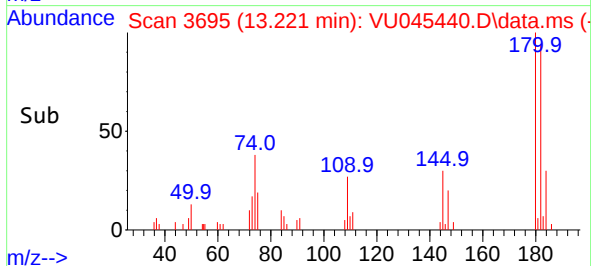
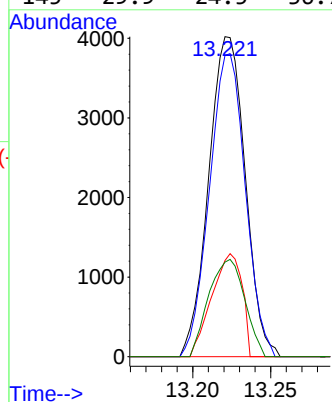


#69
1,3,5-Trichlorobenzene
Concen: 1.933 ug/L
RT: 13.221 min Scan# 3695
Delta R.T. -0.003 min
Lab File: VU045440.D
Acq: 28 Oct 2021 15:22

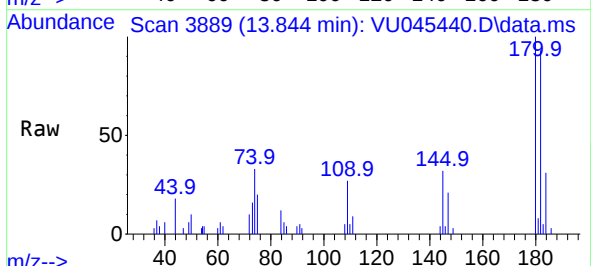
Instrument :
MSVOA_U
ClientSampleId :
MDL06



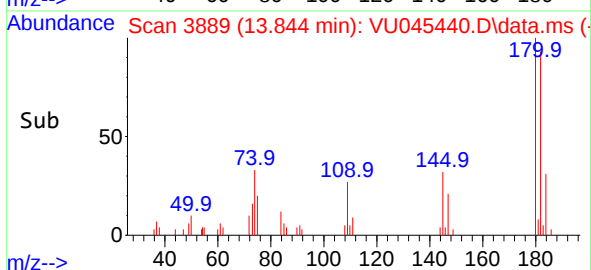
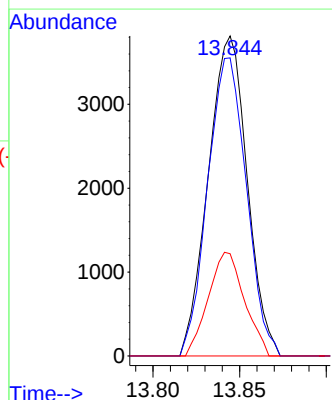
Tgt Ion:180 Resp: 6554
Ion Ratio Lower Upper
180 100
182 92.8 76.6 114.8
184 26.7 23.9 35.9
145 29.9 24.5 36.7

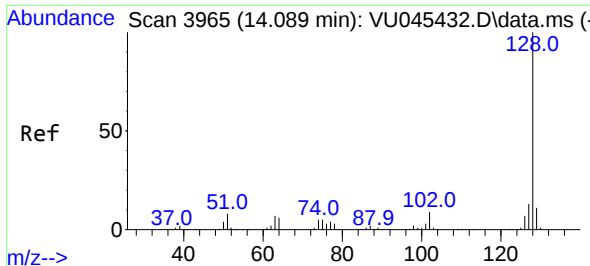


#70
1,2,4-trichlorobenzene
Concen: 1.923 ug/L
RT: 13.844 min Scan# 3889
Delta R.T. 0.000 min
Lab File: VU045440.D
Acq: 28 Oct 2021 15:22



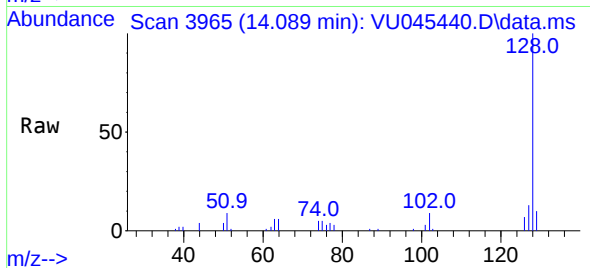
Tgt Ion:180 Resp: 5959
Ion Ratio Lower Upper
180 100
182 92.7 76.1 114.1
145 30.1 25.3 37.9





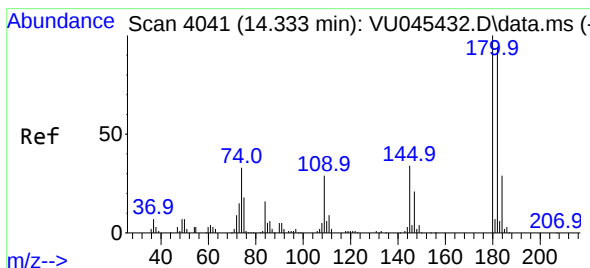
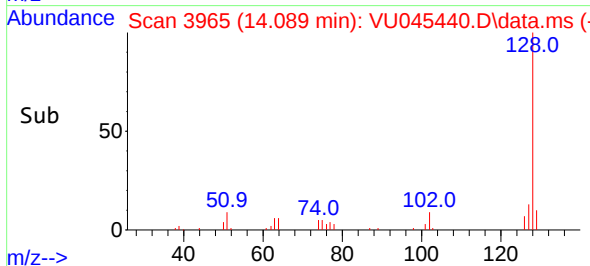
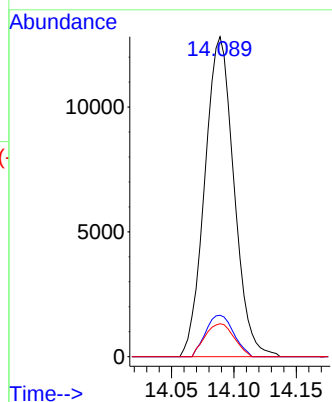
#71
Naphthalene
Concen: 1.772 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU045440.D
Acq: 28 Oct 2021 15:22

Instrument :
MSVOA_U
ClientSampled :
MDL06



Tgt Ion:128 Resp: 20918

Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.4	15.6
129	10.2	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 1.892 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VU045440.D
Acq: 28 Oct 2021 15:22

Tgt Ion:180 Resp: 5999

Ion	Ratio	Lower	Upper
180	100		
182	95.1	75.7	113.5
145	31.3	27.0	40.4

