

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102821\
 Data File : VU045435.D
 Acq On : 28 Oct 2021 13:01
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV030

Quant Time: Oct 29 03:10:33 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	328995	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	302046	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	151242	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	128243	47.892	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	95.780%		
7) Chloroethane-d5	1.916	69	107943	50.302	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	100.600%		
11) 1,1-Dichloroethene-d2	2.572	63	231308	48.639	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	97.280%		
21) 2-Butanone-d5	4.633	46	225703	100.720	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	100.720%		
24) Chloroform-d	5.067	84	234725	48.861	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.720%		
26) 1,2-Dichloroethane-d4	5.707	65	154937	48.773	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.540%		
32) Benzene-d6	5.732	84	471211	50.482	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.960%		
36) 1,2-Dichloropropane-d6	6.697	67	152064	50.327	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	100.660%		
41) Toluene-d8	7.903	98	418648	51.412	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.820%		
43) trans-1,3-Dichloroprop...	8.182	79	73678	51.900	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	103.800%		
47) 2-Hexanone-d5	8.636	63	168023	104.178	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	104.180%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	224764	49.569	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	99.140%		
66) 1,2-Dichlorobenzene-d4	12.198	152	152615	49.877	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.760%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	144097	49.567	ug/L	99
3) Chloromethane	1.520	50	163655	46.625	ug/L	99
5) Vinyl chloride	1.604	62	160275	48.568	ug/L	100
6) Bromomethane	1.861	94	87657	51.611	ug/L	98
8) Chloroethane	1.935	64	100698	51.653	ug/L	100
9) Trichlorofluoromethane	2.141	101	189748	48.590	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	117205	49.253	ug/L	99
12) 1,1-Dichloroethene	2.584	96	110204	49.077	ug/L	97
13) Acetone	2.642	43	168070	91.448	ug/L	99
14) Carbon disulfide	2.797	76	320570	49.933	ug/L	100
15) Methyl Acetate	2.954	43	154840	49.865	ug/L	99
16) Methylene chloride	3.051	84	133894	48.314	ug/L	99
17) trans-1,2-Dichloroethene	3.359	96	117732	49.001	ug/L	99
18) Methyl tert-butyl Ether	3.366	73	418638	49.694	ug/L	100
19) 1,1-Dichloroethane	3.874	63	235313	49.139	ug/L	100
20) cis-1,2-Dichloroethene	4.671	96	136253	49.717	ug/L	99
22) 2-Butanone	4.713	43	241598	96.259	ug/L	99
23) Bromochloromethane	4.980	128	65290	49.484	ug/L	100
25) Chloroform	5.092	83	235449	49.133	ug/L	100

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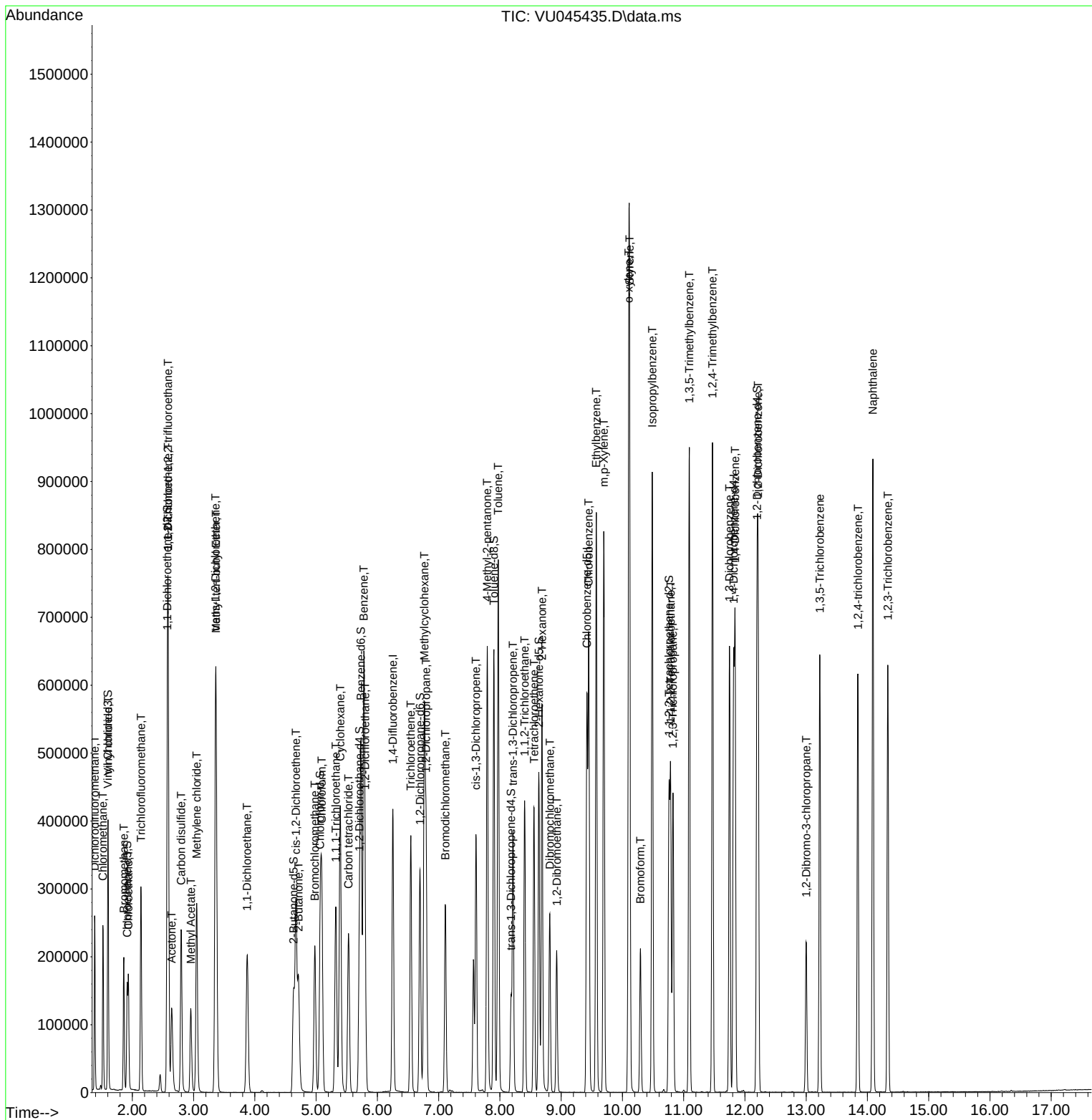
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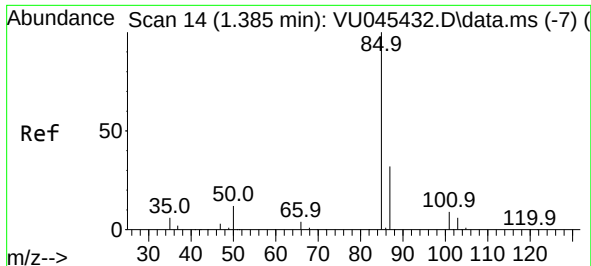
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	196045	50.010	ug/L	99
29) Cyclohexane	5.395	56	219684	50.736	ug/L	100
30) 1,1,1-Trichloroethane	5.321	97	197523	51.498	ug/L	99
31) Carbon tetrachloride	5.530	117	156015	51.445	ug/L	99
33) Benzene	5.777	78	533020	50.876	ug/L	100
34) Trichloroethene	6.546	95	127852	50.837	ug/L	99
35) Methylcyclohexane	6.768	83	222116	50.828	ug/L	99
37) 1,2-Dichloropropane	6.797	63	139299	50.082	ug/L	99
38) Bromodichloromethane	7.108	83	178192	50.953	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	221652	52.093	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	422098	102.831	ug/L	100
42) Toluene	7.973	91	559616	51.331	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	210660	52.506	ug/L	99
45) 1,1,2-Trichloroethane	8.404	97	131818	51.034	ug/L	99
46) Tetrachloroethene	8.559	164	92144	51.651	ug/L	98
48) 2-Hexanone	8.687	43	337476	98.706	ug/L	99
49) Dibromochloromethane	8.816	129	130266	52.337	ug/L	99
50) 1,2-Dibromoethane	8.928	107	139336	51.402	ug/L	100
51) Chlorobenzene	9.449	112	332762	50.513	ug/L	97
52) Ethylbenzene	9.575	91	594951	51.449	ug/L	100
53) m,p-Xylene	9.697	106	230199	52.021	ug/L	98
54) o-xylene	10.102	106	226900	51.770	ug/L	97
55) Styrene	10.118	104	383753	52.116	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.787	83	231645	50.483	ug/L	98
59) Bromoform	10.295	173	90030	51.620	ug/L	100
60) 1,2,3-Trichloropropane	10.825	75	187275	50.282	ug/L	99
61) Isopropylbenzene	10.488	105	585390	52.360	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	504338	52.967	ug/L	100
63) 1,2,4-Trimethylbenzene	11.472	105	510985	52.803	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	251962	50.962	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	252224	50.427	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	255420	49.916	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	57208	52.610	ug/L	97
69) 1,3,5-Trichlorobenzene	13.224	180	185514	50.870	ug/L	99
70) 1,2,4-trichlorobenzene	13.845	180	174662	52.422	ug/L	99
71) Naphthalene	14.089	128	687425	54.144	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	181483	53.226	ug/L	99

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

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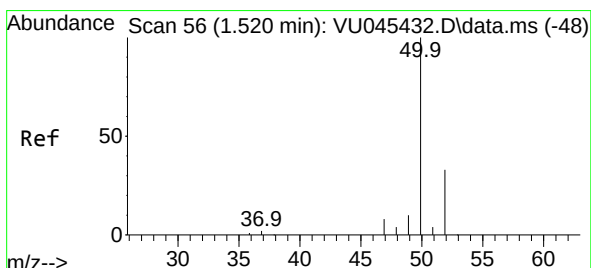
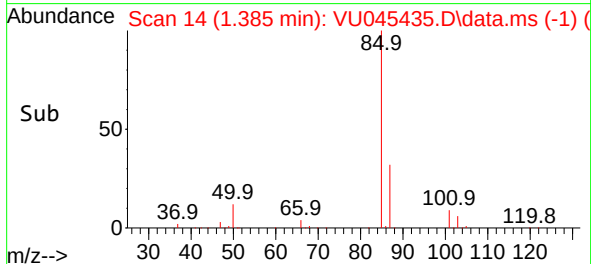
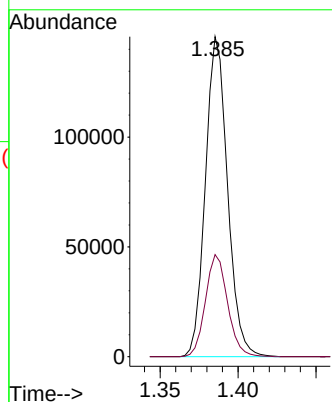
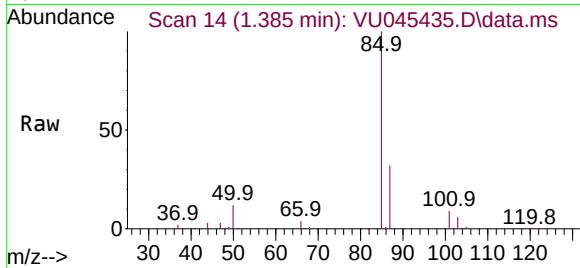




#2
Dichlorodifluoromethane
Concen: 49.567 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU045435.D
Acq: 28 Oct 2021 13:01

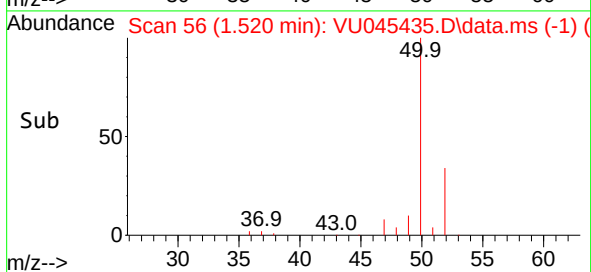
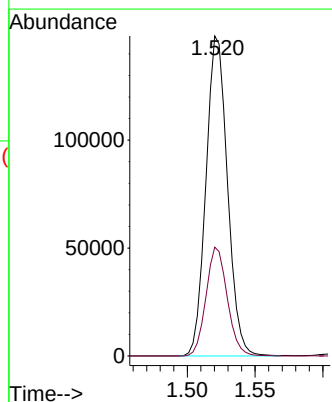
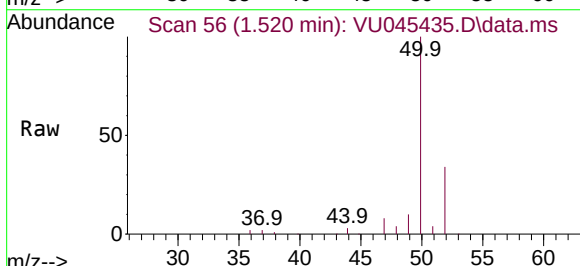
Instrument :
MSVOA_U
ClientSampleId :
VICV030

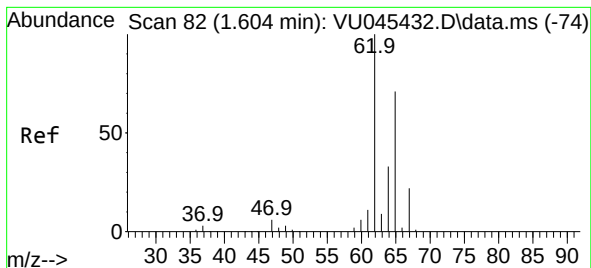
Tgt Ion: 85 Resp: 144097
Ion Ratio Lower Upper
85 100
87 31.8 26.0 39.0



#3
Chloromethane
Concen: 46.625 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU045435.D
Acq: 28 Oct 2021 13:01

Tgt Ion: 50 Resp: 163655
Ion Ratio Lower Upper
50 100
52 34.0 23.2 43.2





#5

Vinyl chloride

Concen: 48.568 ug/L

RT: 1.604 min Scan# 82

Delta R.T. 0.000 min

Lab File: VU045435.D

Acq: 28 Oct 2021 13:01

Instrument :

MSVOA_U

ClientSampleId :

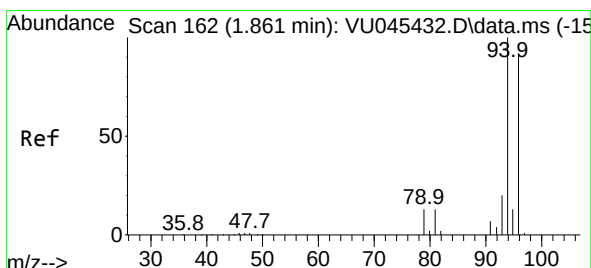
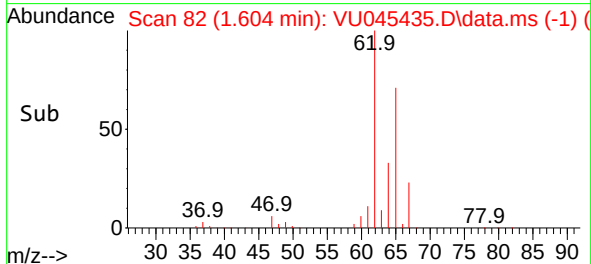
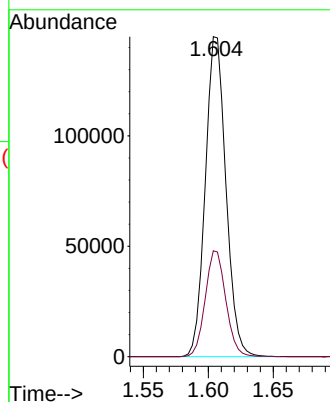
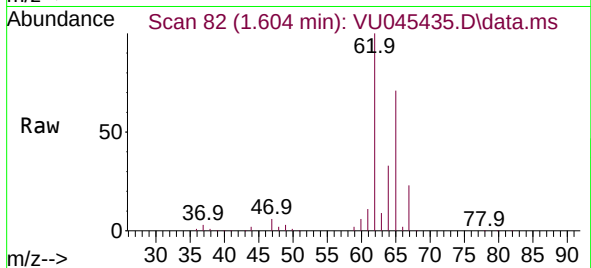
VICV030

Tgt Ion: 62 Resp: 160275

Ion Ratio Lower Upper

62 100

64 33.1 23.3 43.3



#6

Bromomethane

Concen: 51.611 ug/L

RT: 1.861 min Scan# 162

Delta R.T. 0.000 min

Lab File: VU045435.D

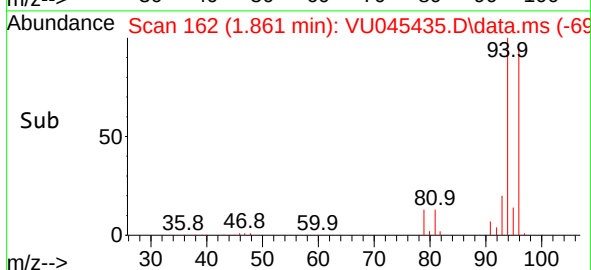
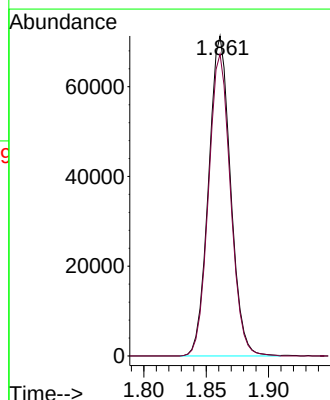
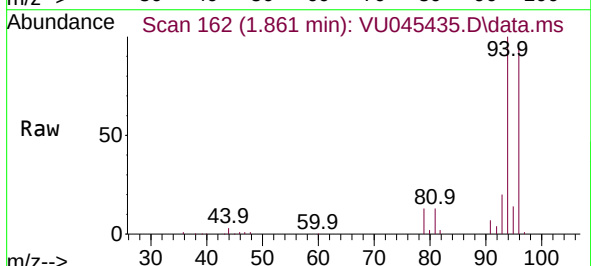
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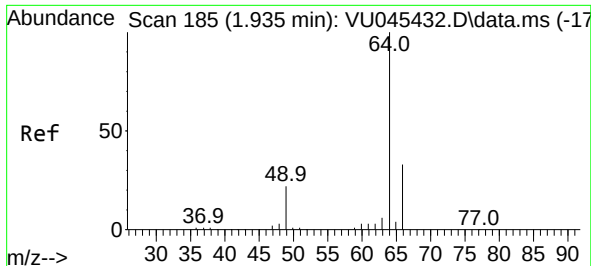
Tgt Ion: 94 Resp: 87657

Ion Ratio Lower Upper

94 100

96 94.3 64.9 120.5

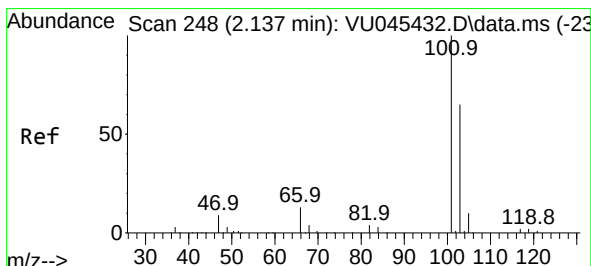
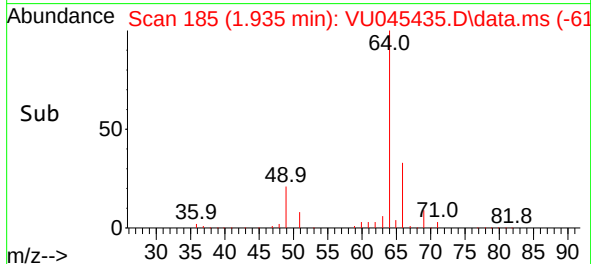
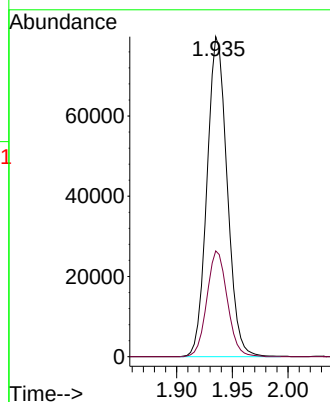
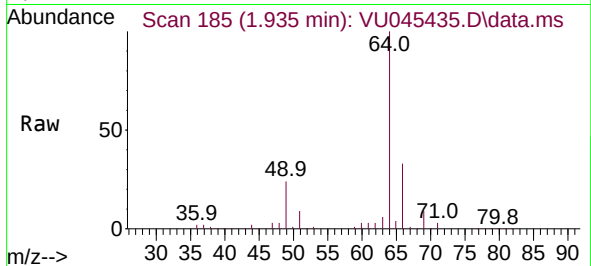




#8
Chloroethane
Concen: 51.653 ug/L
RT: 1.935 min Scan# 185
Delta R.T. 0.000 min
Lab File: VU045435.D
Acq: 28 Oct 2021 13:01

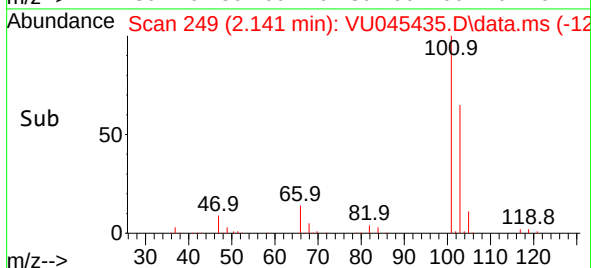
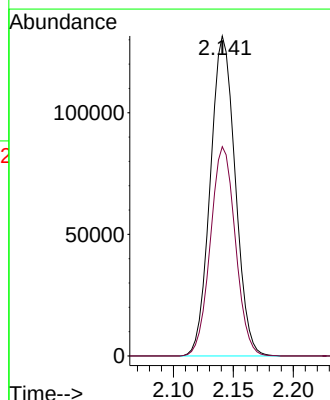
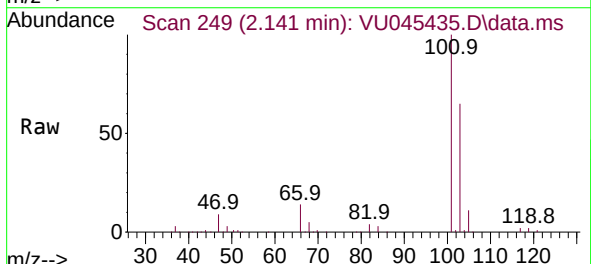
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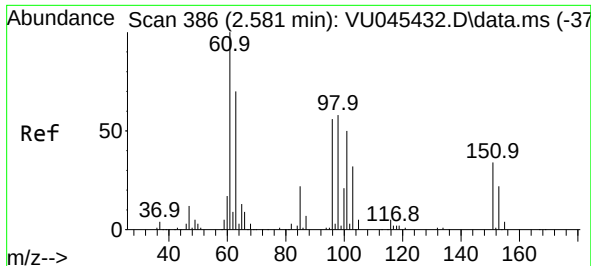
Tgt Ion: 64 Resp: 100698
Ion Ratio Lower Upper
64 100
66 33.1 23.2 43.2



#9
Trichlorofluoromethane
Concen: 48.590 ug/L
RT: 2.141 min Scan# 249
Delta R.T. 0.003 min
Lab File: VU045435.D
Acq: 28 Oct 2021 13:01

Tgt Ion:101 Resp: 189748
Ion Ratio Lower Upper
101 100
103 65.6 51.4 77.2

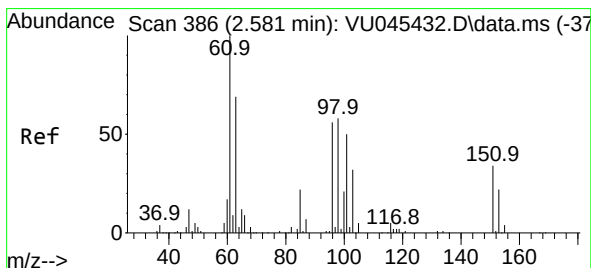
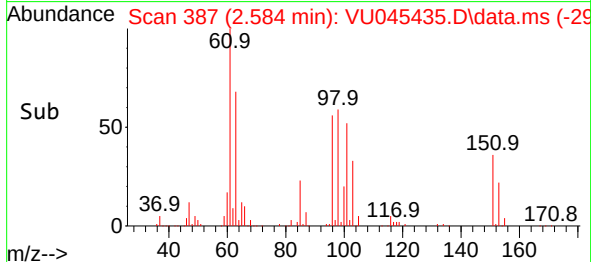
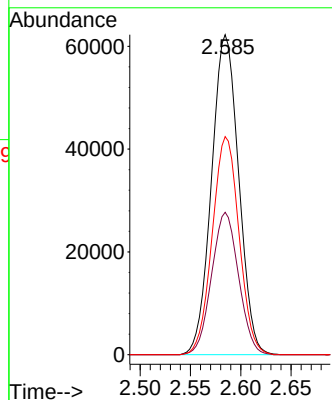
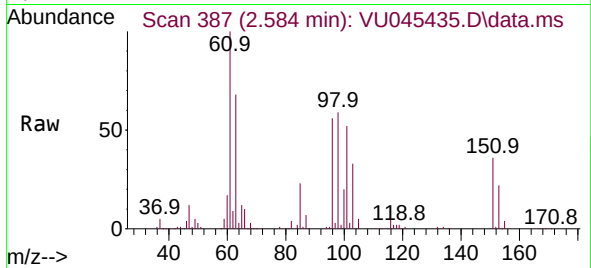




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 49.253 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. 0.003 min
 Lab File: VU045435.D
 Acq: 28 Oct 2021 13:01

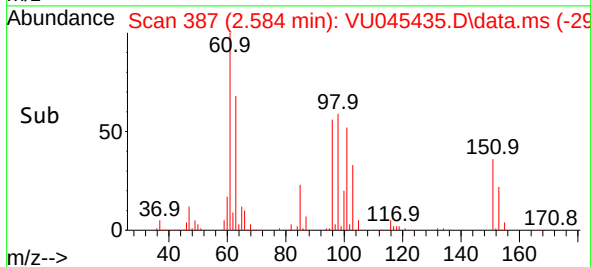
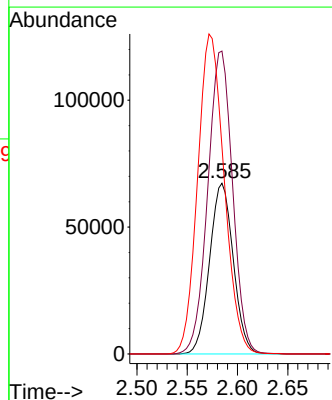
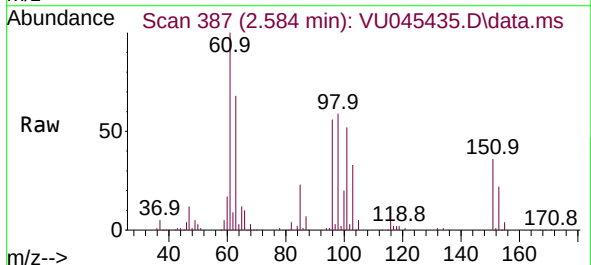
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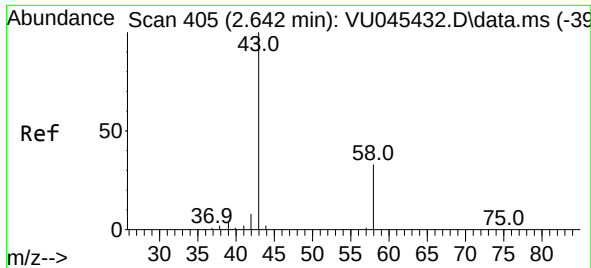
Tgt Ion:101 Resp: 117205
 Ion Ratio Lower Upper
 101 100
 85 44.2 34.8 52.2
 151 67.2 54.6 81.8



#12
 1,1-Dichloroethene
 Concen: 49.077 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. 0.003 min
 Lab File: VU045435.D
 Acq: 28 Oct 2021 13:01

Tgt Ion: 96 Resp: 110204
 Ion Ratio Lower Upper
 96 100
 61 177.5 126.3 234.5
 63 121.5 89.2 165.8

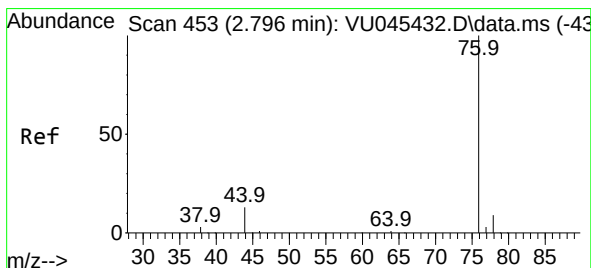
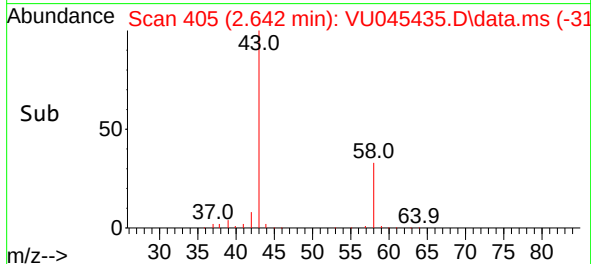
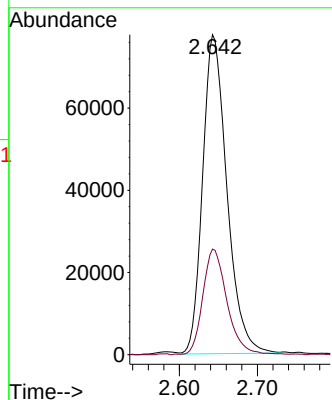
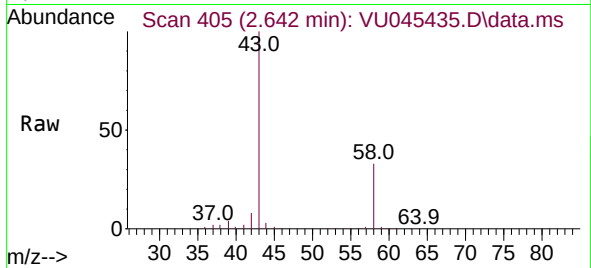




#13
Acetone
Concen: 91.448 ug/L
RT: 2.642 min Scan# 405
Delta R.T. 0.000 min
Lab File: VU045435.D
Acq: 28 Oct 2021 13:01

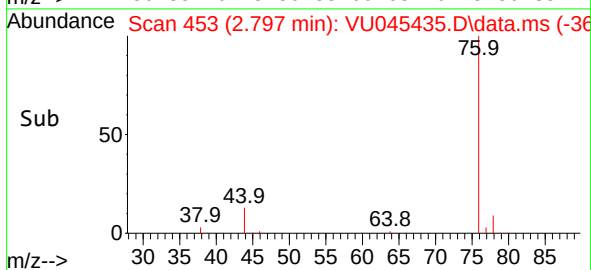
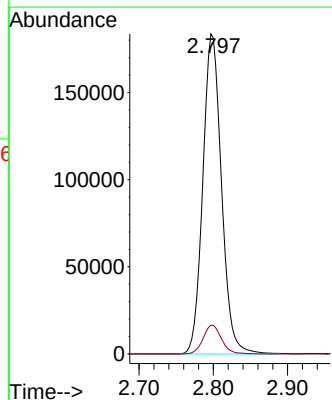
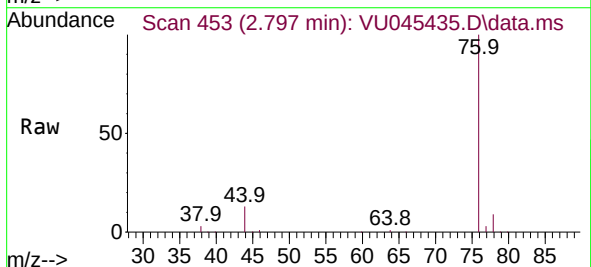
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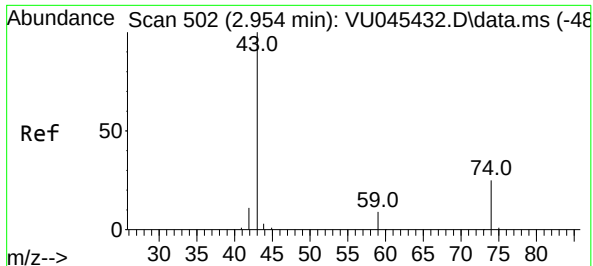
Tgt Ion: 43 Resp: 168070
Ion Ratio Lower Upper
43 100
58 32.4 0.0 66.2



#14
Carbon disulfide
Concen: 49.933 ug/L
RT: 2.797 min Scan# 453
Delta R.T. 0.000 min
Lab File: VU045435.D
Acq: 28 Oct 2021 13:01

Tgt Ion: 76 Resp: 320570
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9

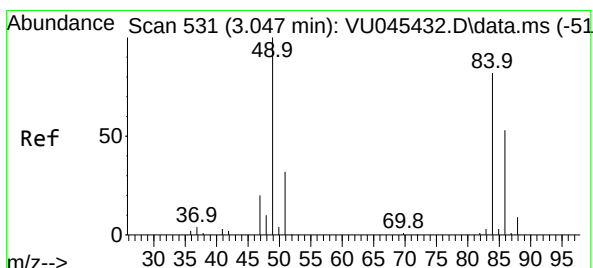
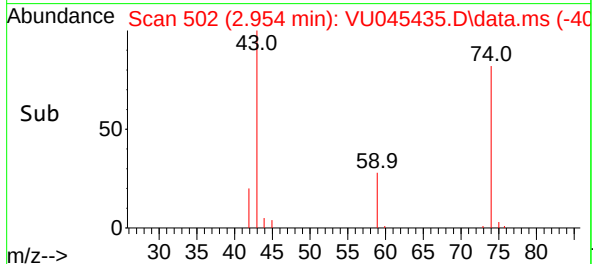
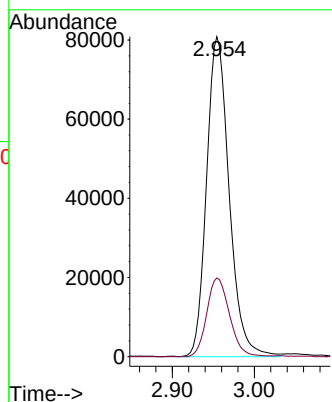
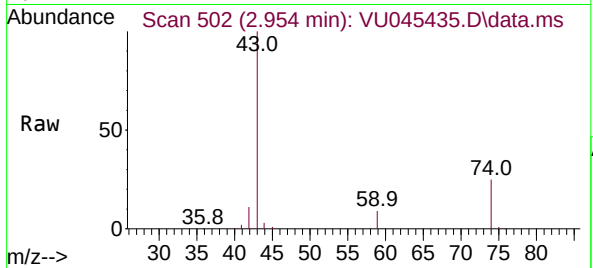




#15
Methyl Acetate
Concen: 49.865 ug/L
RT: 2.954 min Scan# 502
Delta R.T. 0.000 min
Lab File: VU045435.D
Acq: 28 Oct 2021 13:01

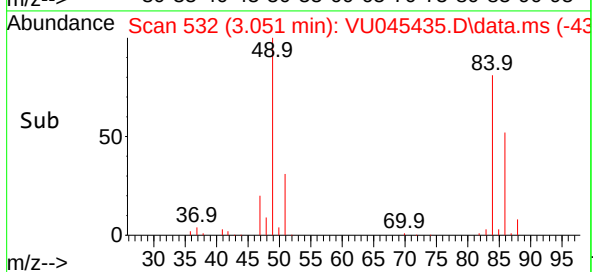
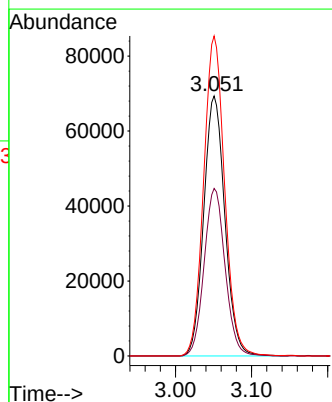
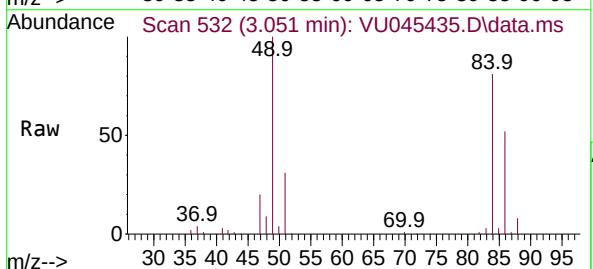
Instrument :
MSVOA_U
ClientSampleId :
VICV030

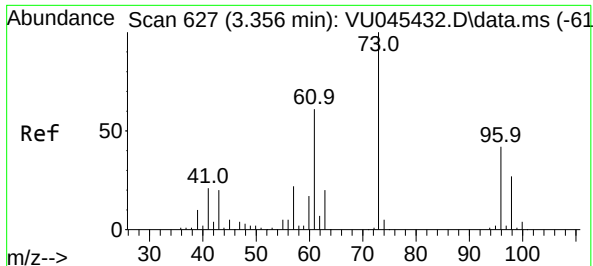
Tgt Ion: 43 Resp: 154840
Ion Ratio Lower Upper
43 100
74 24.7 20.0 30.0



#16
Methylene chloride
Concen: 48.314 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.003 min
Lab File: VU045435.D
Acq: 28 Oct 2021 13:01

Tgt Ion: 84 Resp: 133894
Ion Ratio Lower Upper
84 100
86 64.4 45.8 85.2
49 123.1 85.9 159.5



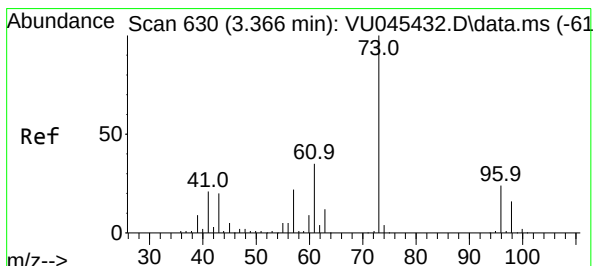
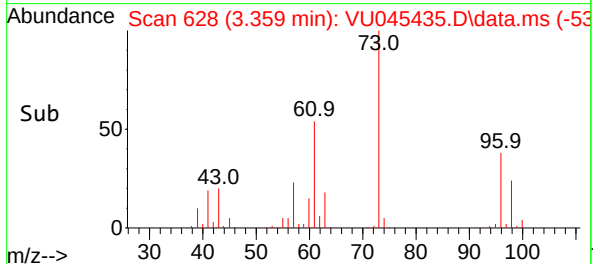
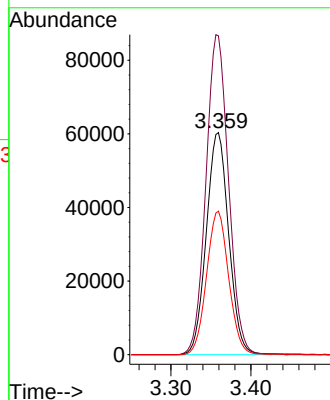
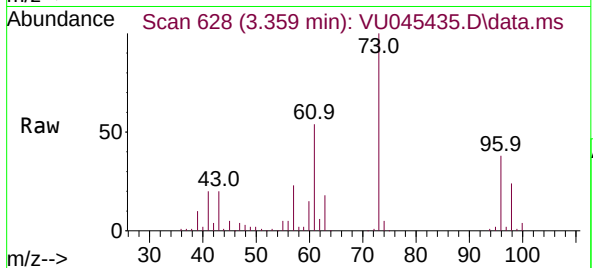


#17

trans-1,2-Dichloroethene
Concen: 49.001 ug/L
RT: 3.359 min Scan# 628
Delta R.T. 0.003 min
Lab File: VU045435.D
Acq: 28 Oct 2021 13:01

Instrument :
MSVOA_U
ClientSampleId :
VICV030

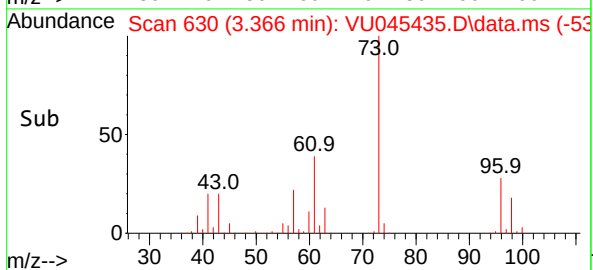
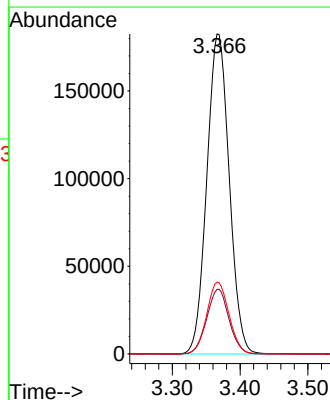
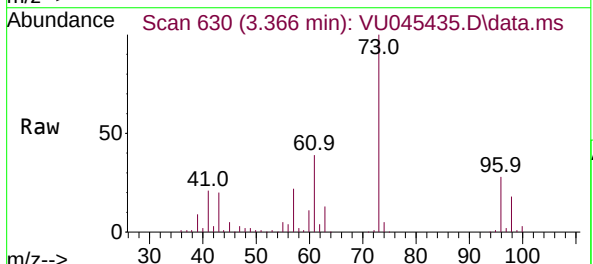
Tgt Ion: 96 Resp: 117732
Ion Ratio Lower Upper
96 100
61 143.6 101.8 189.2
98 64.6 45.1 83.7

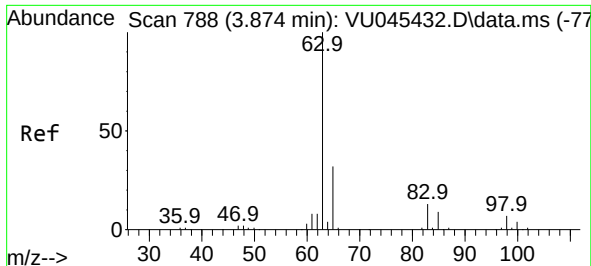


#18

Methyl tert-butyl Ether
Concen: 49.694 ug/L
RT: 3.366 min Scan# 630
Delta R.T. 0.000 min
Lab File: VU045435.D
Acq: 28 Oct 2021 13:01

Tgt Ion: 73 Resp: 418638
Ion Ratio Lower Upper
73 100
43 20.1 16.2 24.4
57 22.4 18.1 27.1





#19

1,1-Dichloroethane

Concen: 49.139 ug/L

RT: 3.874 min Scan# 788

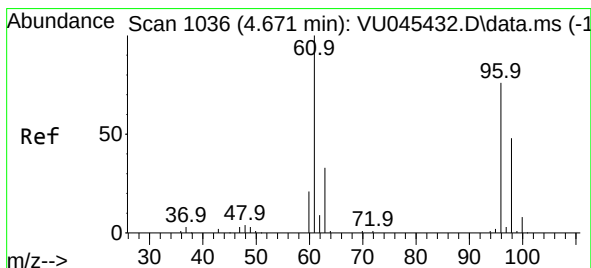
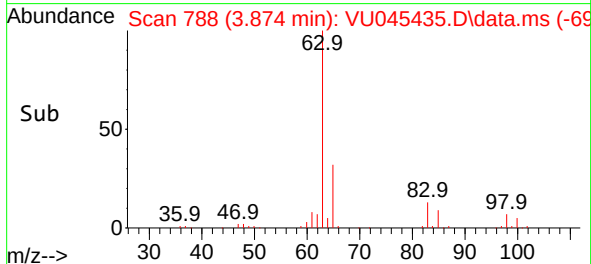
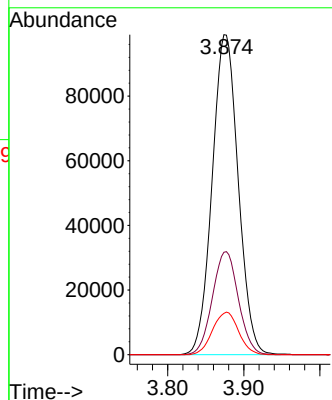
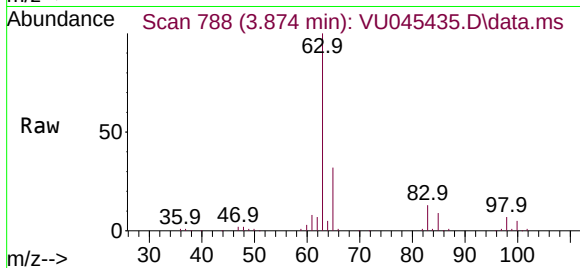
Delta R.T. 0.000 min

Lab File: VU045435.D

Acq: 28 Oct 2021 13:01

Tgt Ion: 63 Resp: 235313

Ion	Ratio	Lower	Upper
63	100		
65	32.0	22.4	41.6
83	12.9	9.0	16.6



#20

cis-1,2-Dichloroethene

Concen: 49.717 ug/L

RT: 4.671 min Scan# 1036

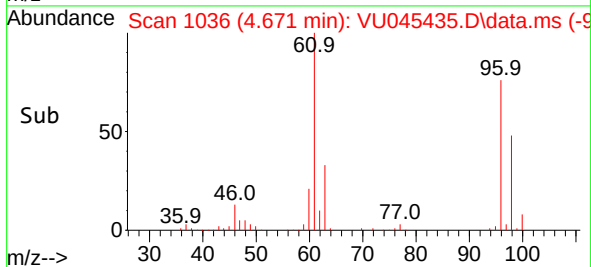
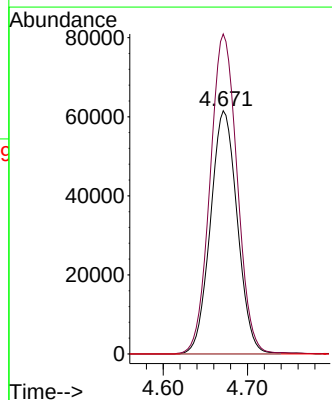
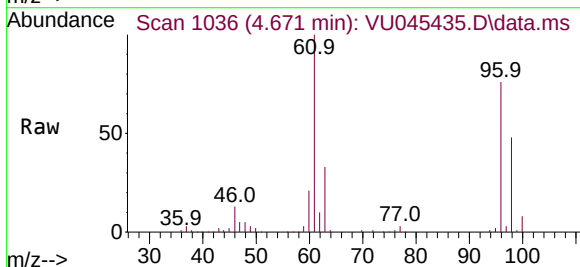
Delta R.T. 0.000 min

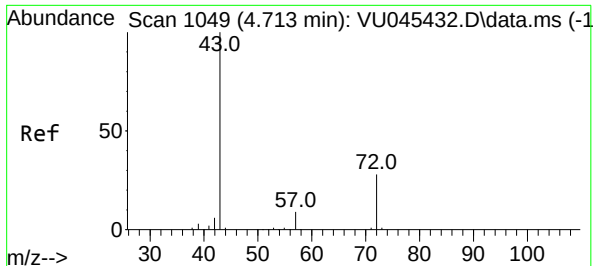
Lab File: VU045435.D

Acq: 28 Oct 2021 13:01

Tgt Ion: 96 Resp: 136253

Ion	Ratio	Lower	Upper
96	100		
61	131.6	92.8	172.4
68	0.0	0.0	0.0





#22

2-Butanone

Concen: 96.259 ug/L

RT: 4.713 min Scan# 1049

Delta R.T. 0.000 min

Lab File: VU045435.D

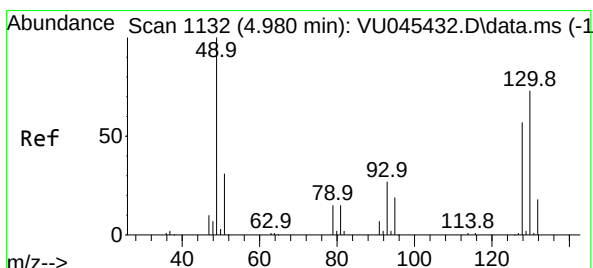
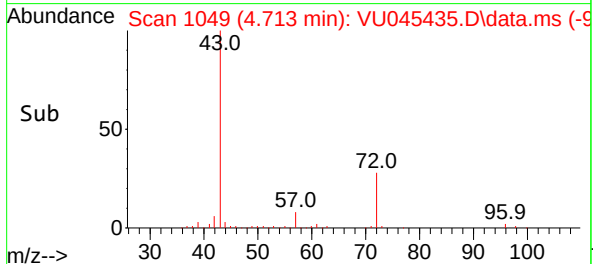
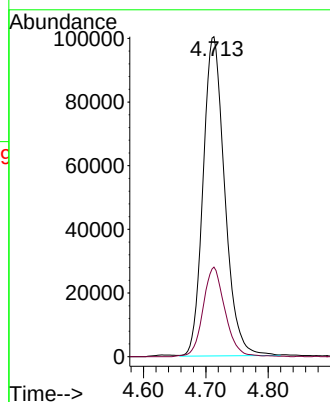
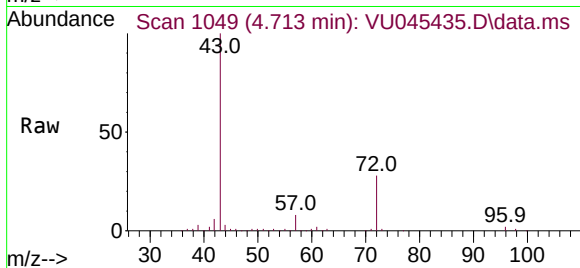
Acq: 28 Oct 2021 13:01

Tgt Ion: 43 Resp: 241598

Ion Ratio Lower Upper

43 100

72 28.4 14.4 43.2



#23

Bromochloromethane

Concen: 49.484 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VU045435.D

Acq: 28 Oct 2021 13:01

Tgt Ion:128 Resp: 65290

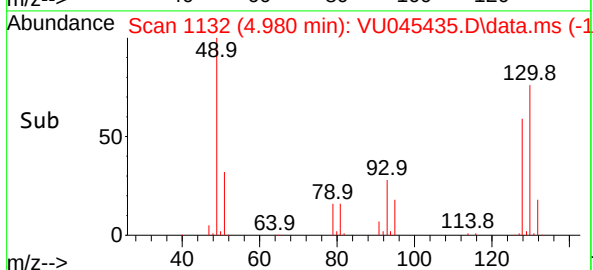
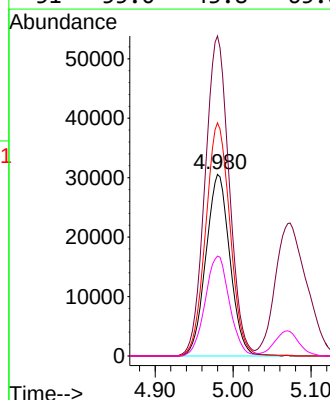
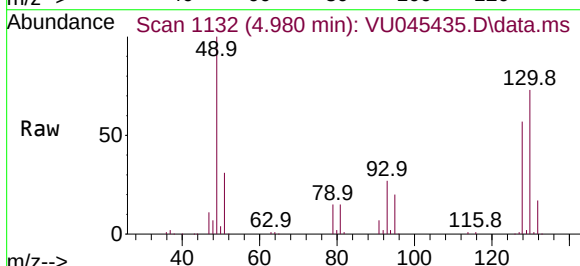
Ion Ratio Lower Upper

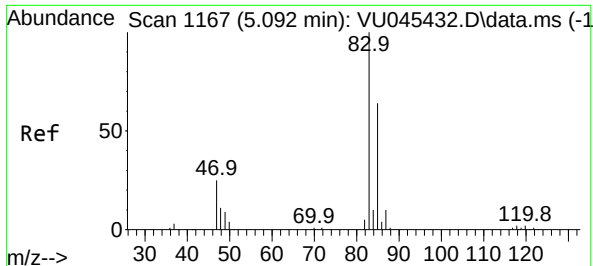
128 100

49 176.2 123.1 228.5

130 128.4 89.8 166.8

51 55.0 43.8 65.8





#25

Chloroform

Concen: 49.133 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU045435.D

Acq: 28 Oct 2021 13:01

Instrument :

MSVOA_U

ClientSampleId :

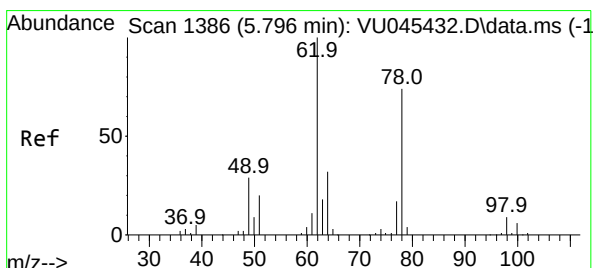
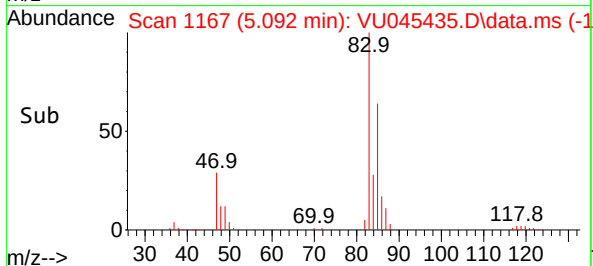
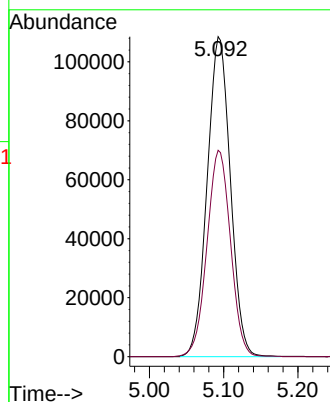
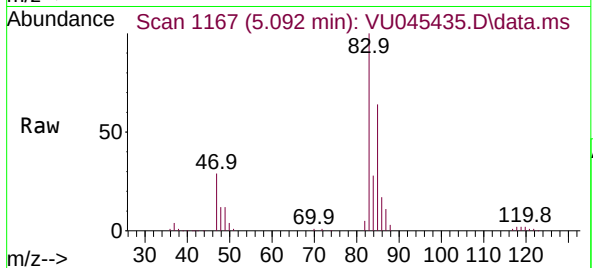
VICV030

Tgt Ion: 83 Resp: 235449

Ion Ratio Lower Upper

83 100

85 64.5 45.0 83.6



#27

1,2-Dichloroethane

Concen: 50.010 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. 0.003 min

Lab File: VU045435.D

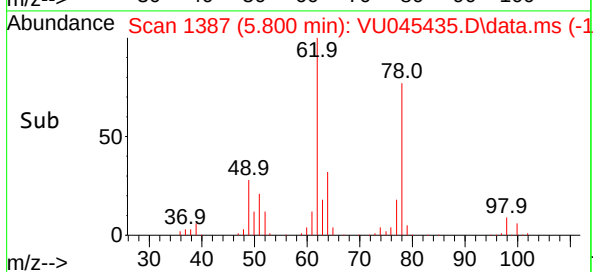
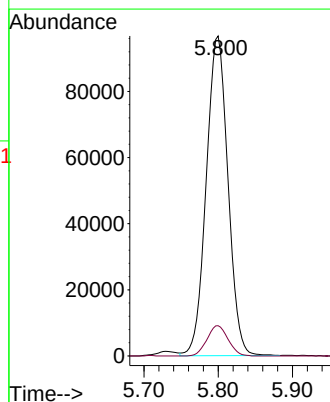
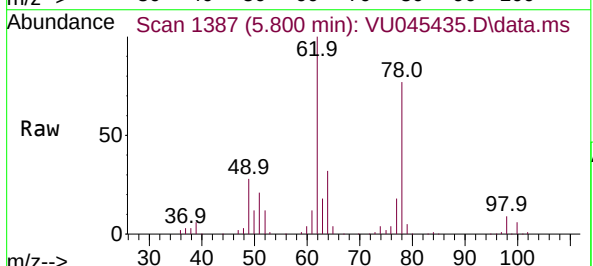
Acq: 28 Oct 2021 13:01

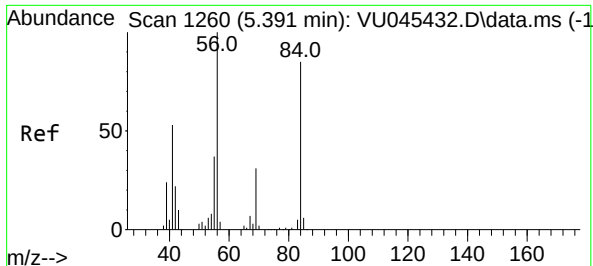
Tgt Ion: 62 Resp: 196045

Ion Ratio Lower Upper

62 100

98 9.5 7.4 11.0





#29

Cyclohexane

Concen: 50.736 ug/L

RT: 5.395 min Scan# 1261

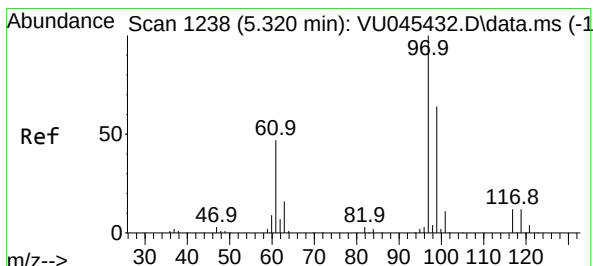
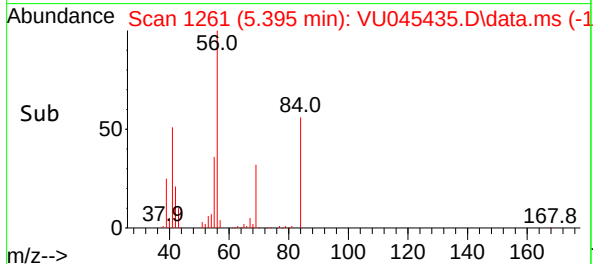
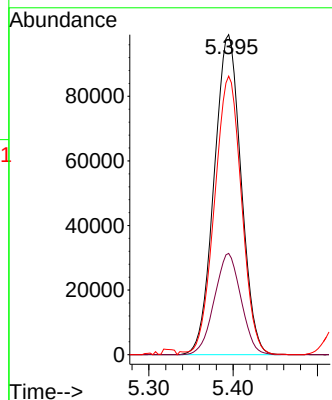
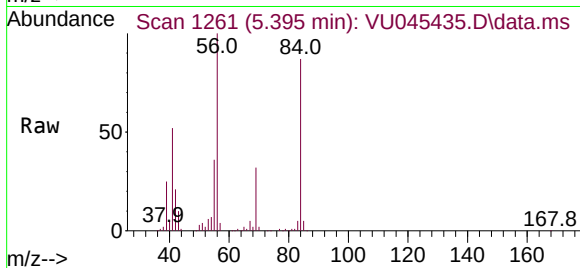
Delta R.T. 0.003 min

Lab File: VU045435.D

Acq: 28 Oct 2021 13:01

Tgt Ion: 56 Resp: 219684

Ion	Ratio	Lower	Upper
56	100		
69	31.2	25.0	37.4
84	87.3	69.9	104.9



#30

1,1,1-Trichloroethane

Concen: 51.498 ug/L

RT: 5.321 min Scan# 1238

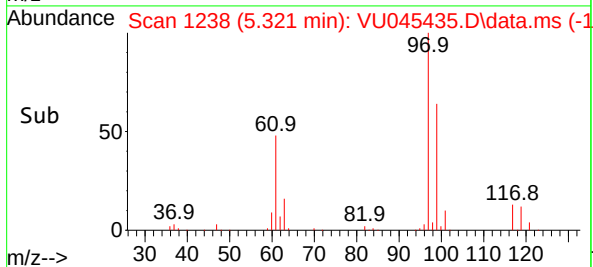
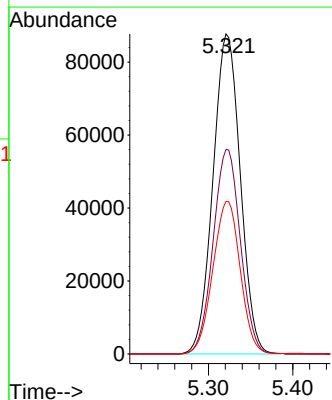
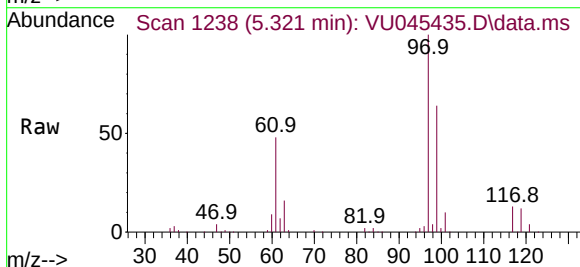
Delta R.T. 0.000 min

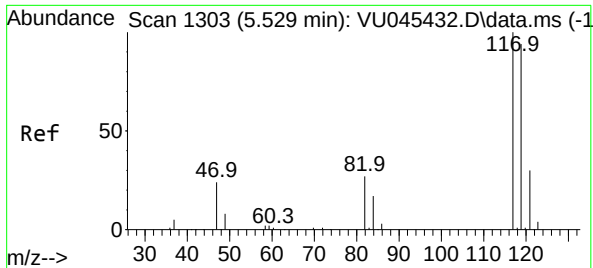
Lab File: VU045435.D

Acq: 28 Oct 2021 13:01

Tgt Ion: 97 Resp: 197523

Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.3	76.9
61	47.8	38.8	58.2

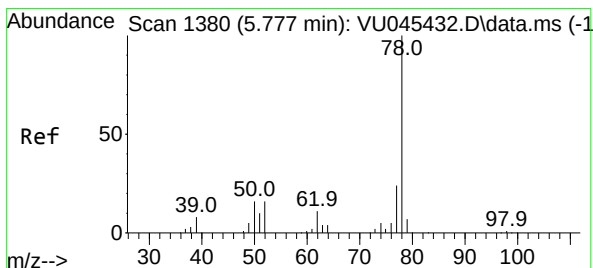
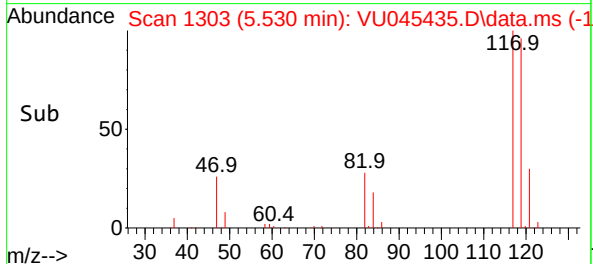
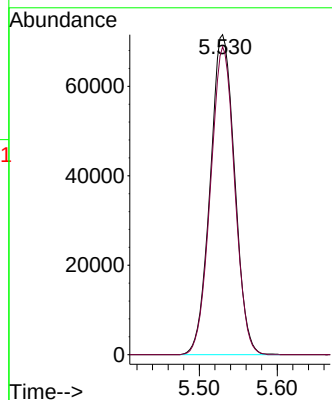
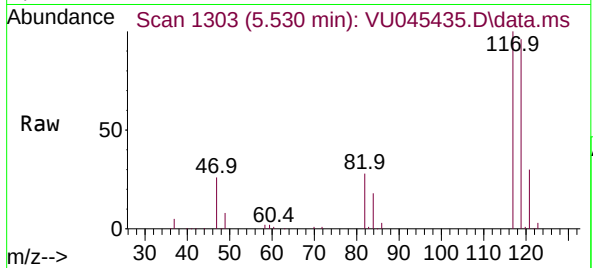




#31
Carbon tetrachloride
Concen: 51.445 ug/L
RT: 5.530 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VU045435.D
Acq: 28 Oct 2021 13:01

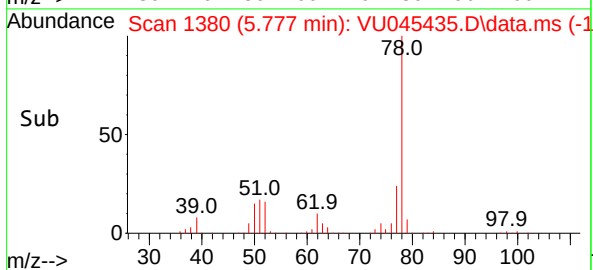
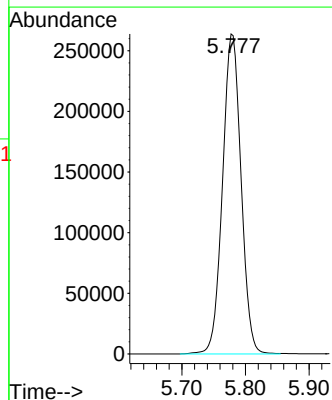
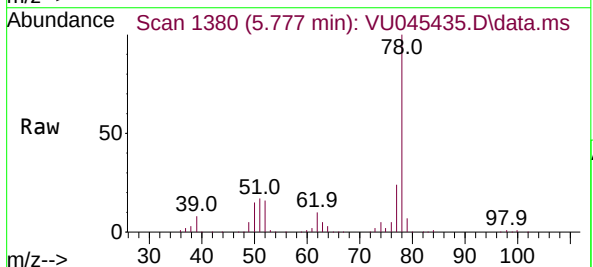
Instrument :
MSVOA_U
ClientSampleId :
VICV030

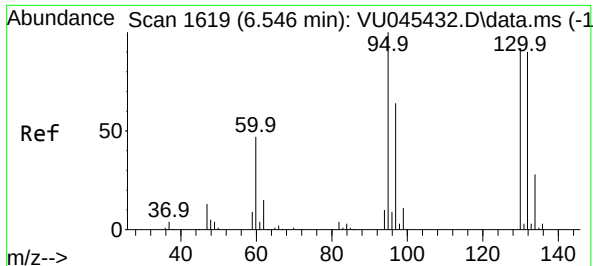
Tgt Ion:117 Resp: 156015
Ion Ratio Lower Upper
117 100
119 95.0 77.0 115.4



#33
Benzene
Concen: 50.876 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU045435.D
Acq: 28 Oct 2021 13:01

Tgt Ion: 78 Resp: 533020





#34

Trichloroethene

Concen: 50.837 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VU045435.D

Acq: 28 Oct 2021 13:01

Tgt Ion: 95 Resp: 127852

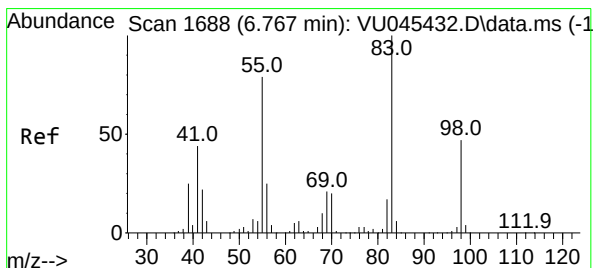
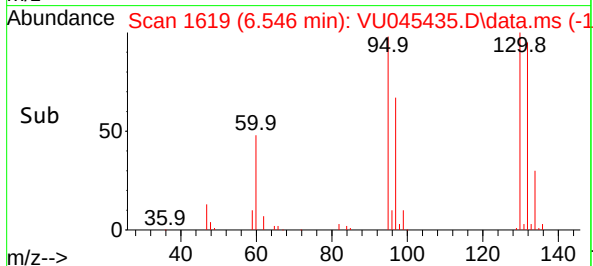
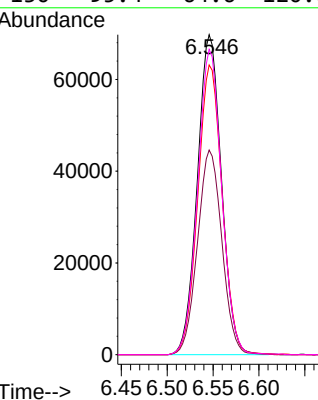
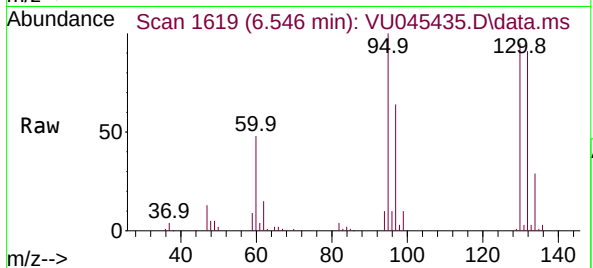
Ion Ratio Lower Upper

95 100

97 63.9 45.0 83.6

132 90.5 63.3 117.7

130 95.4 64.6 120.0



#35

Methylcyclohexane

Concen: 50.828 ug/L

RT: 6.768 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VU045435.D

Acq: 28 Oct 2021 13:01

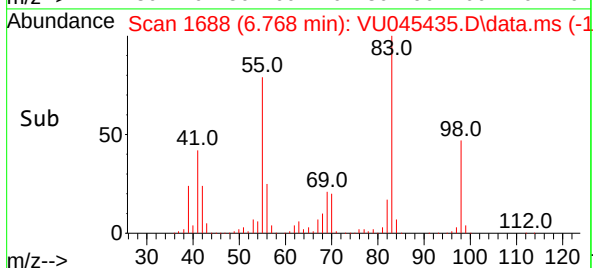
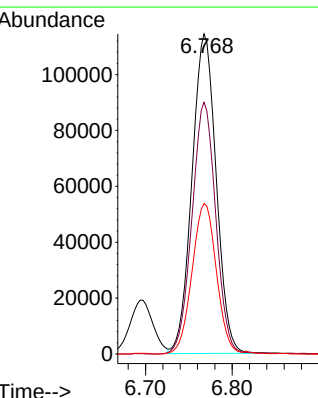
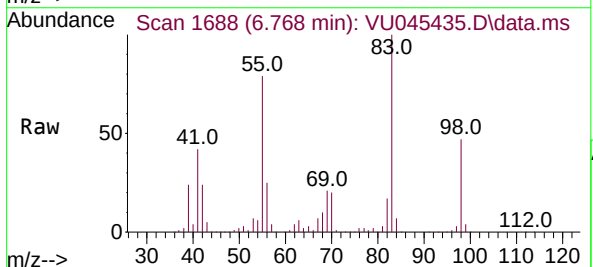
Tgt Ion: 83 Resp: 222116

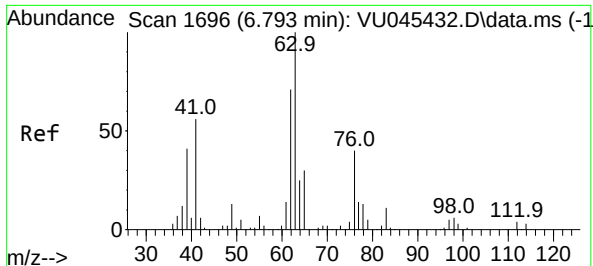
Ion Ratio Lower Upper

83 100

55 77.6 62.8 94.2

98 47.3 37.4 56.2

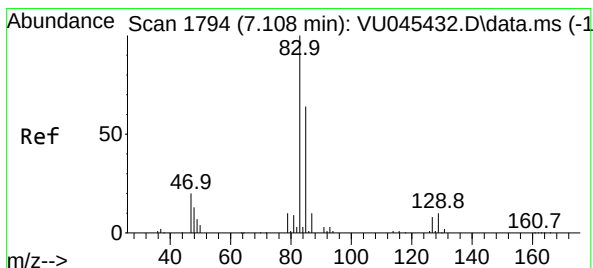
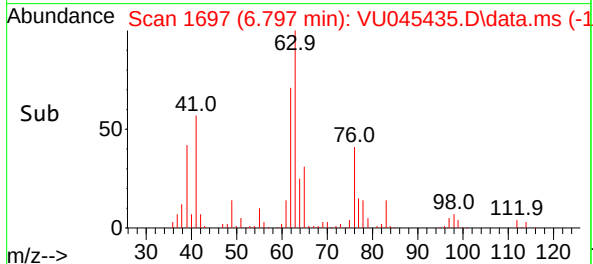
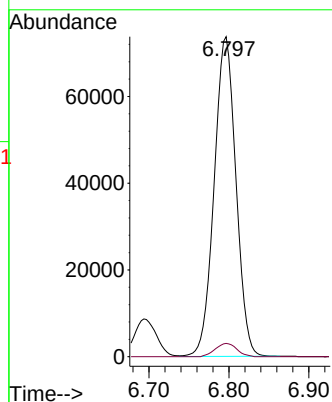
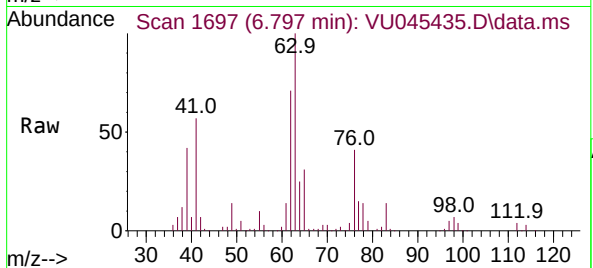




#37
1,2-Dichloropropane
Concen: 50.082 ug/L
RT: 6.797 min Scan# 1697
Delta R.T. 0.003 min
Lab File: VU045435.D
Acq: 28 Oct 2021 13:01

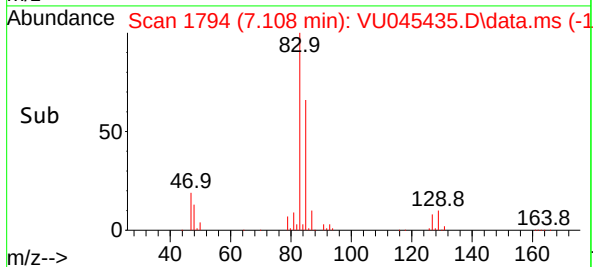
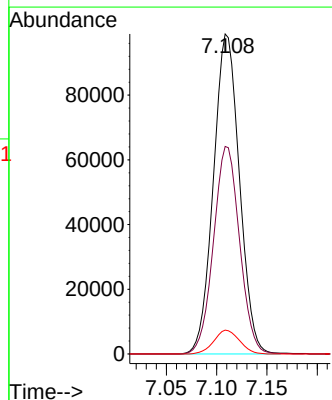
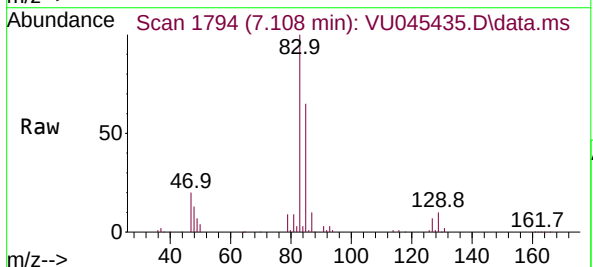
Instrument :
MSVOA_U
ClientSampleId :
VICV030

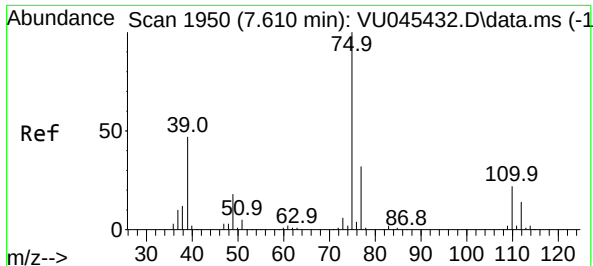
Tgt Ion: 63 Resp: 139299
Ion Ratio Lower Upper
63 100
112 4.1 3.4 5.2



#38
Bromodichloromethane
Concen: 50.953 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU045435.D
Acq: 28 Oct 2021 13:01

Tgt Ion: 83 Resp: 178192
Ion Ratio Lower Upper
83 100
85 64.9 45.1 83.9
127 7.4 6.2 9.2



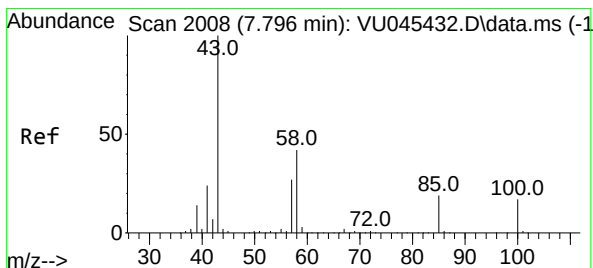
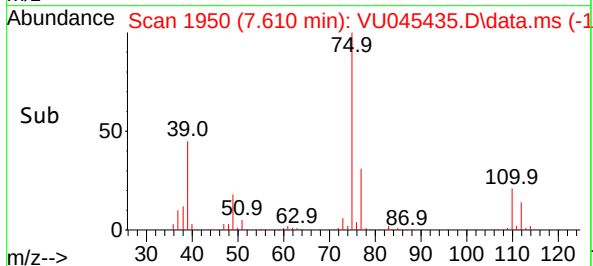
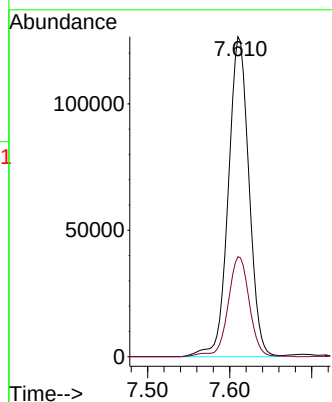
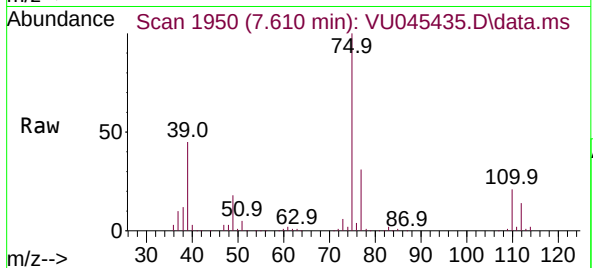


#39

cis-1,3-Dichloropropene
 Concen: 52.093 ug/L
 RT: 7.610 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VU045435.D
 Acq: 28 Oct 2021 13:01

Instrument :
 MSVOA_U
 ClientSampled :
 VICV030

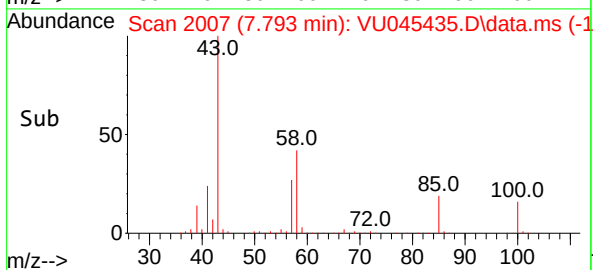
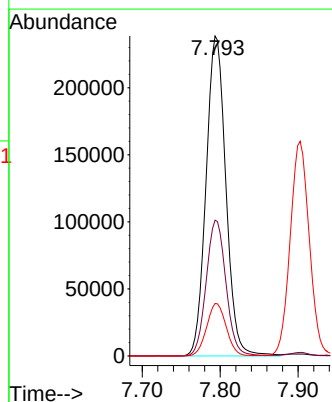
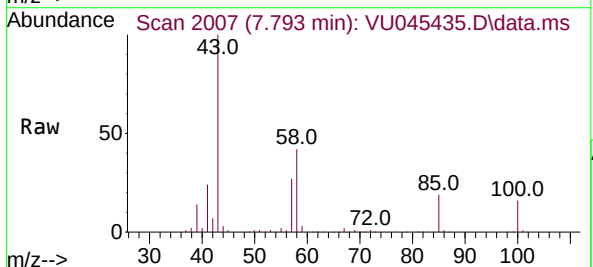
Tgt Ion: 75 Resp: 221652
 Ion Ratio Lower Upper
 75 100
 77 31.3 22.7 42.1

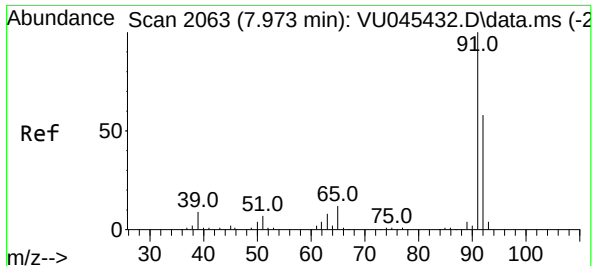


#40

4-Methyl-2-pentanone
 Concen: 102.831 ug/L
 RT: 7.793 min Scan# 2007
 Delta R.T. -0.003 min
 Lab File: VU045435.D
 Acq: 28 Oct 2021 13:01

Tgt Ion: 43 Resp: 422098
 Ion Ratio Lower Upper
 43 100
 58 42.4 33.9 50.9
 100 16.3 13.3 19.9

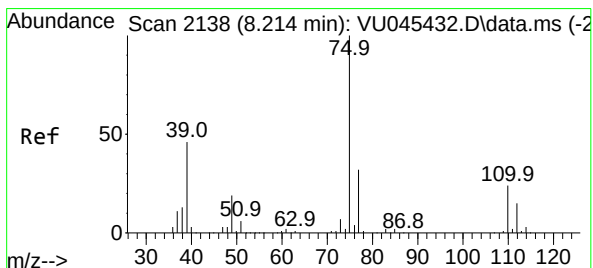
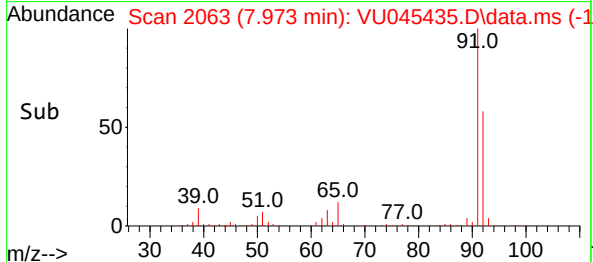
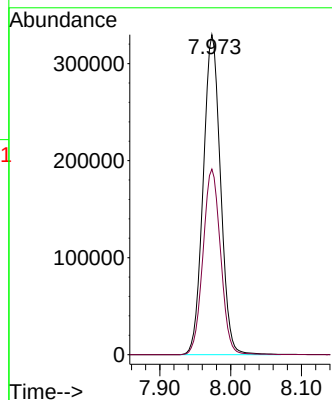
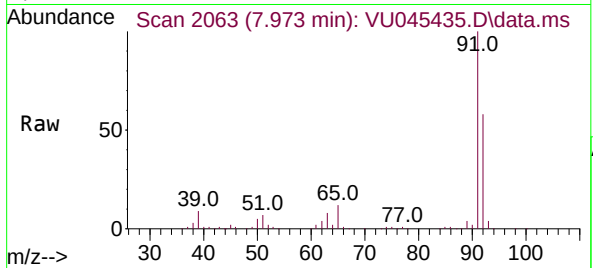




#42
Toluene
Concen: 51.331 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045435.D
Acq: 28 Oct 2021 13:01

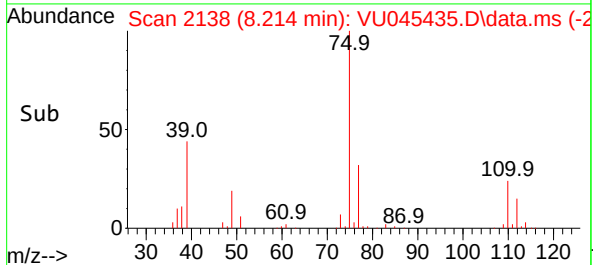
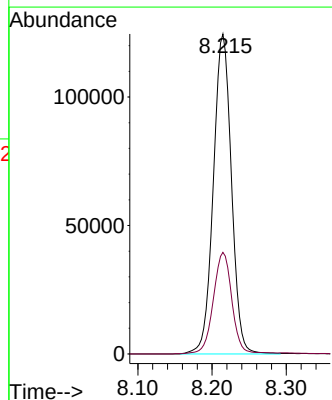
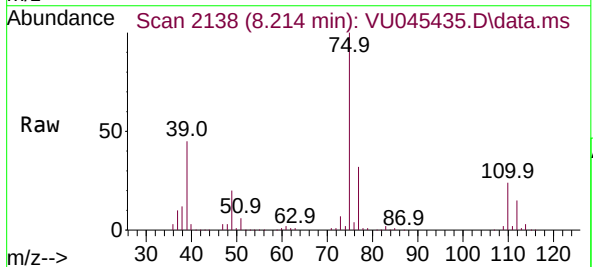
Instrument :
MSVOA_U
ClientSampleId :
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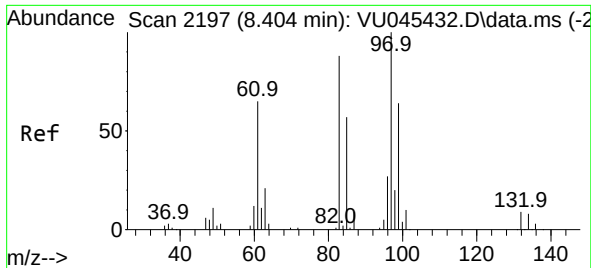
Tgt Ion: 91 Resp: 559616
Ion Ratio Lower Upper
91 100
92 58.0 40.7 75.7



#44
trans-1,3-Dichloropropene
Concen: 52.506 ug/L
RT: 8.214 min Scan# 2138
Delta R.T. 0.000 min
Lab File: VU045435.D
Acq: 28 Oct 2021 13:01

Tgt Ion: 75 Resp: 210660
Ion Ratio Lower Upper
75 100
77 31.7 22.7 42.1

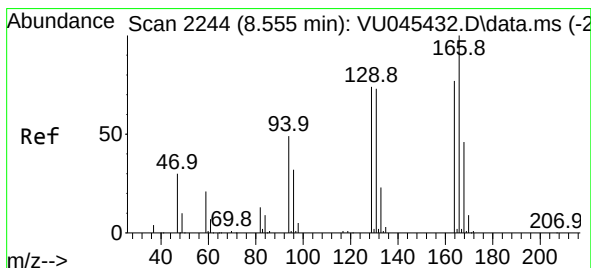
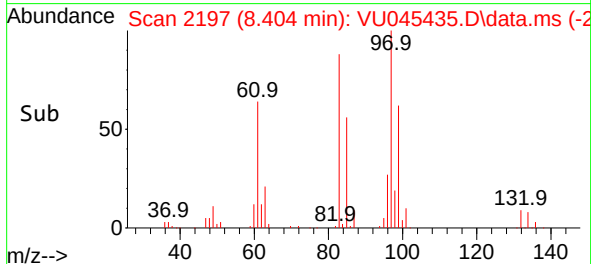
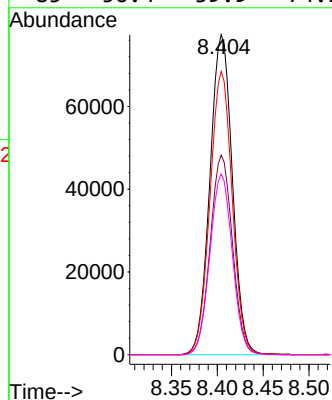
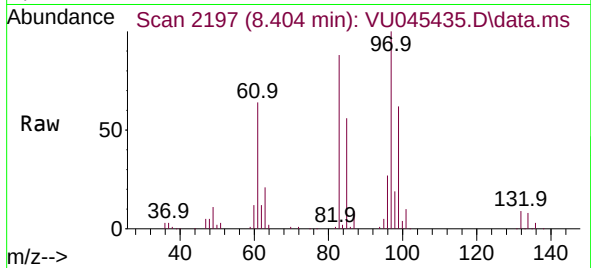




#45
1,1,2-Trichloroethane
Concen: 51.034 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU045435.D
Acq: 28 Oct 2021 13:01

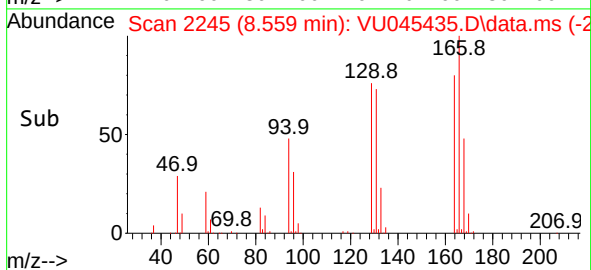
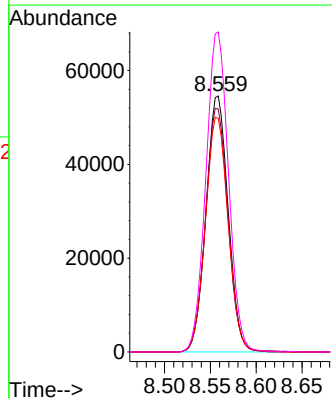
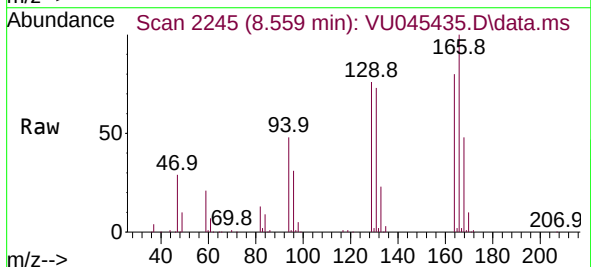
Instrument :
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ClientSampleId :
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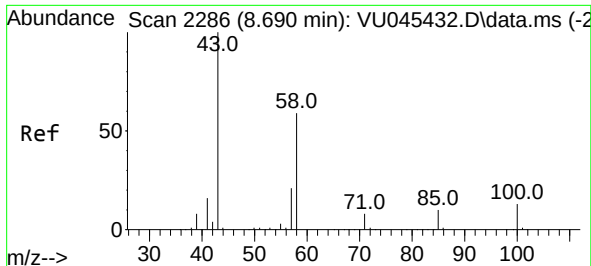
Tgt Ion:	97	Resp:	131818
Ion	Ratio	Lower	Upper
97	100		
99	62.4	44.7	82.9
83	88.5	61.5	114.1
85	56.4	39.9	74.1



#46
Tetrachloroethene
Concen: 51.651 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. 0.004 min
Lab File: VU045435.D
Acq: 28 Oct 2021 13:01

Tgt Ion:	164	Resp:	92144
Ion	Ratio	Lower	Upper
164	100		
129	94.9	66.8	124.2
131	91.3	65.6	121.8
166	125.0	90.4	168.0

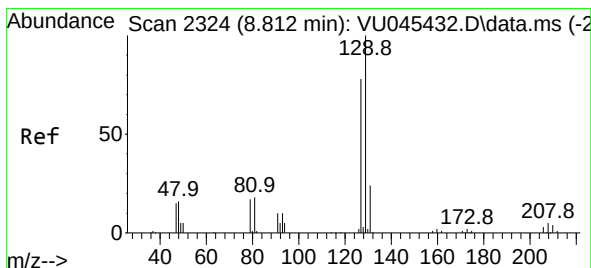
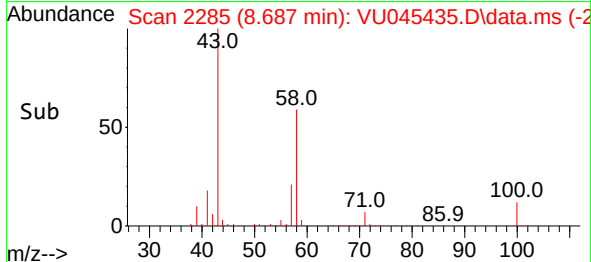
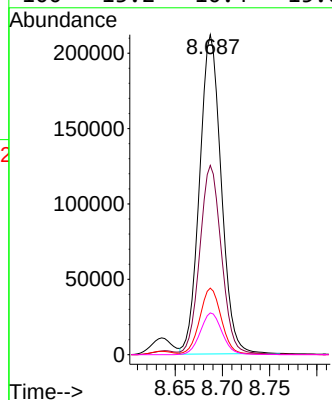
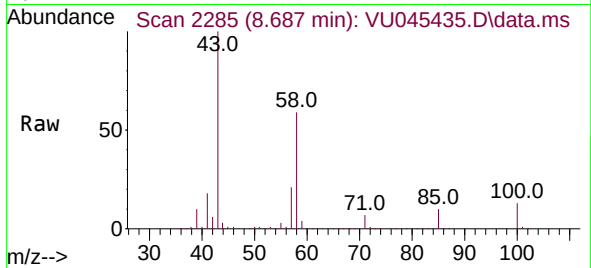




#48
2-Hexanone
Concen: 98.706 ug/L
RT: 8.687 min Scan# 2285
Delta R.T. -0.003 min
Lab File: VU045435.D
Acq: 28 Oct 2021 13:01

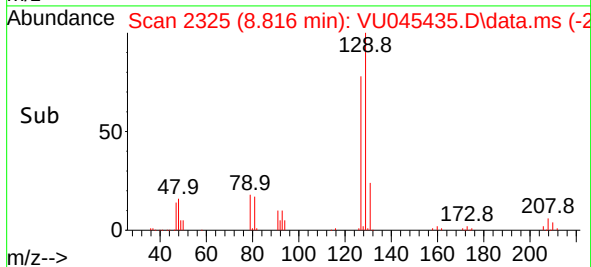
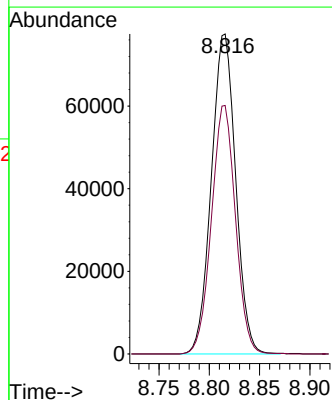
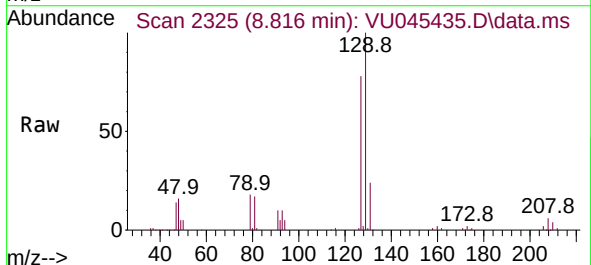
Instrument :
MSVOA_U
ClientSampleId :
VICV030

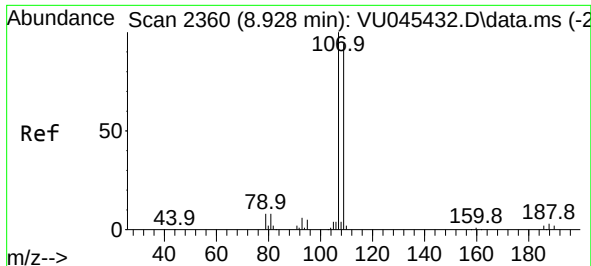
Tgt Ion:	43	Resp:	337476
Ion	Ratio	Lower	Upper
43	100		
58	59.9	47.0	70.4
57	20.9	16.3	24.5
100	13.2	10.4	15.6



#49
Dibromochloromethane
Concen: 52.337 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. 0.003 min
Lab File: VU045435.D
Acq: 28 Oct 2021 13:01

Tgt Ion:	129	Resp:	130266
Ion	Ratio	Lower	Upper
129	100		
127	77.6	54.9	101.9

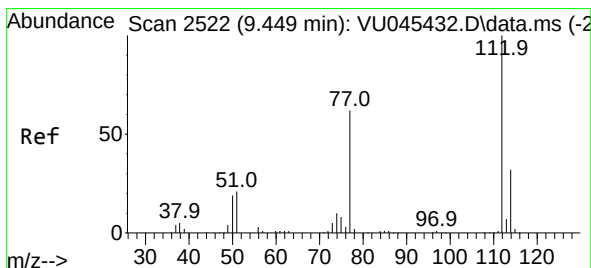
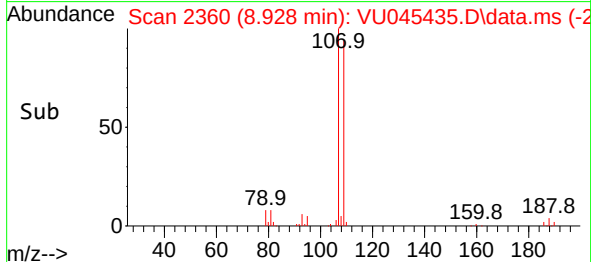
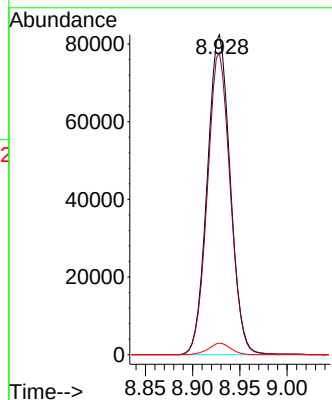
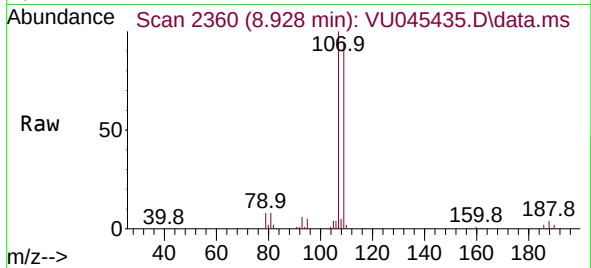




#50
1,2-Dibromoethane
Concen: 51.402 ug/L
RT: 8.928 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VU045435.D
Acq: 28 Oct 2021 13:01

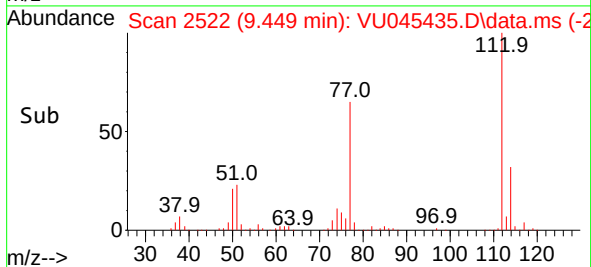
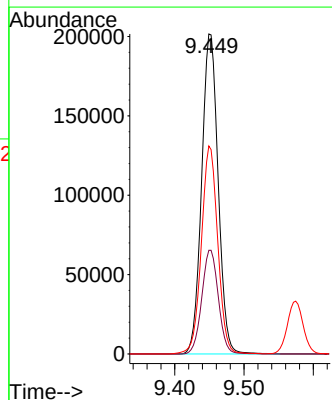
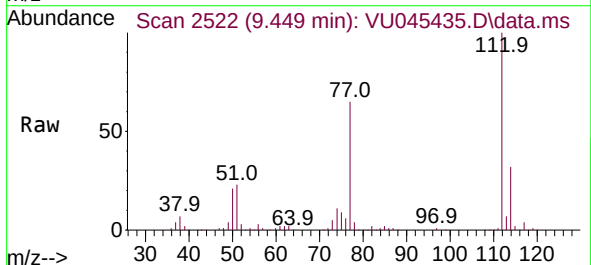
Instrument :
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ClientSampleId :
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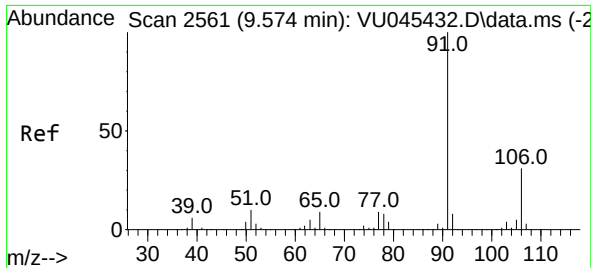
Tgt Ion:107 Resp: 139336
Ion Ratio Lower Upper
107 100
109 94.3 66.1 122.8
188 3.8 2.8 4.2



#51
Chlorobenzene
Concen: 50.513 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU045435.D
Acq: 28 Oct 2021 13:01

Tgt Ion:112 Resp: 332762
Ion Ratio Lower Upper
112 100
114 32.4 22.5 41.7
77 65.0 49.8 74.6

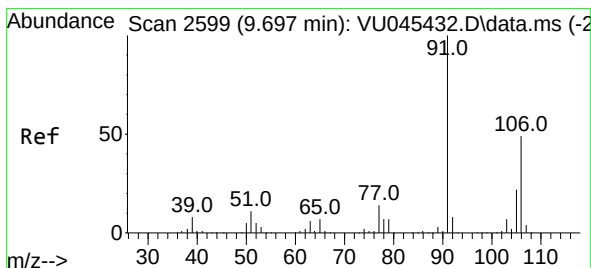
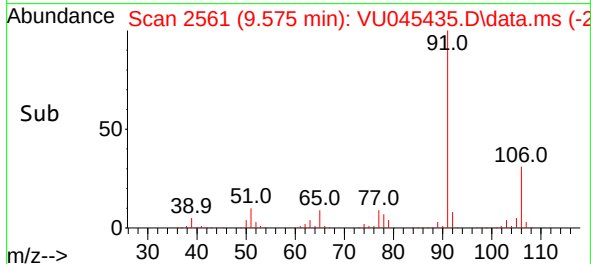
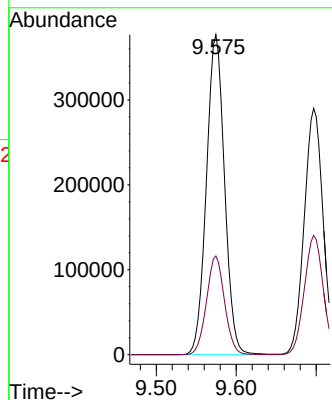
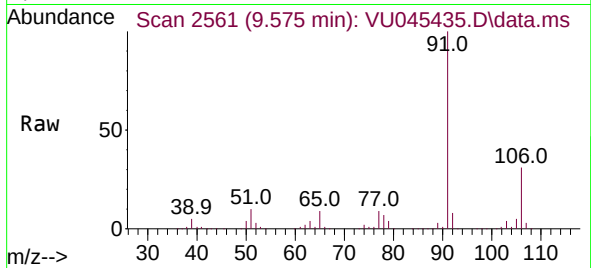




#52
Ethylbenzene
Concen: 51.449 ug/L
RT: 9.575 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU045435.D
Acq: 28 Oct 2021 13:01

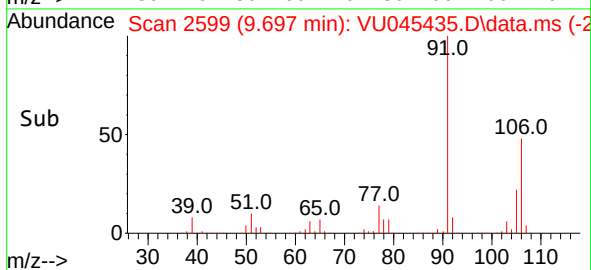
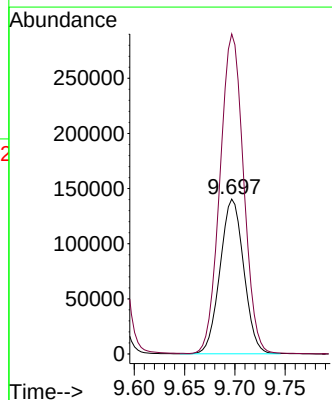
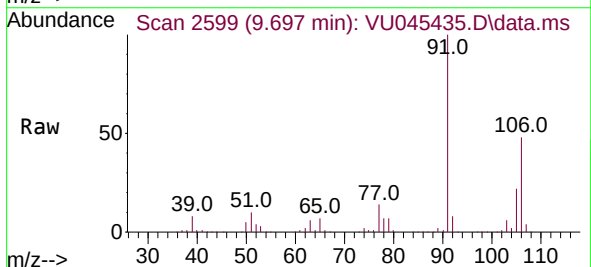
Instrument :
MSVOA_U
ClientSampleId :
VICV030

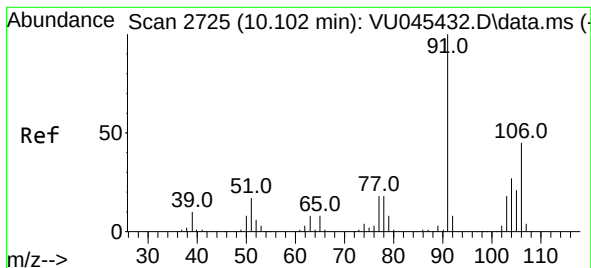
Tgt Ion: 91 Resp: 594951
Ion Ratio Lower Upper
91 100
106 30.9 21.7 40.3



#53
m,p-Xylene
Concen: 52.021 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU045435.D
Acq: 28 Oct 2021 13:01

Tgt Ion:106 Resp: 230199
Ion Ratio Lower Upper
106 100
91 206.7 142.2 264.2

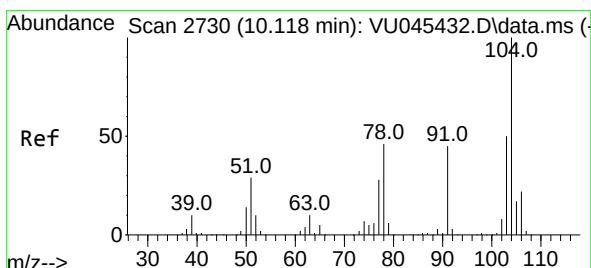
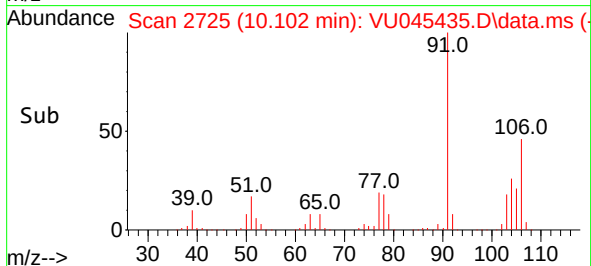
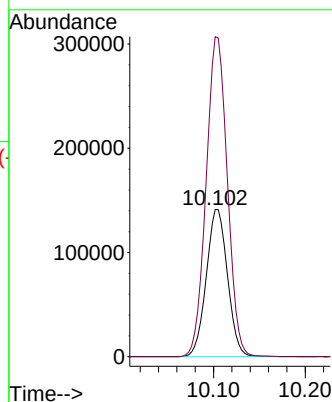
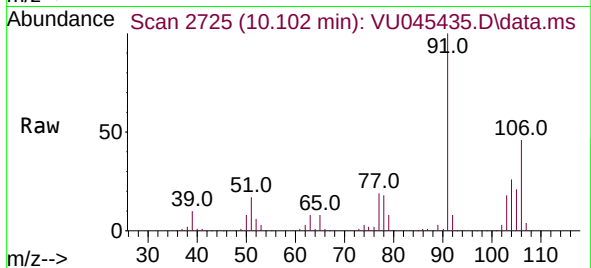




#54
o-xylene
Concen: 51.770 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU045435.D
Acq: 28 Oct 2021 13:01

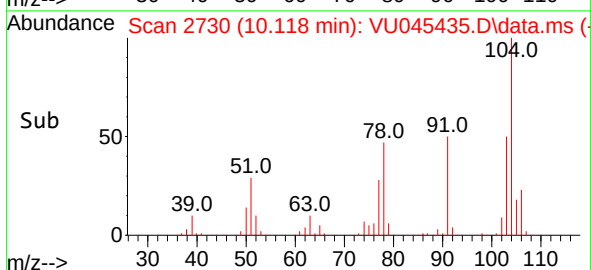
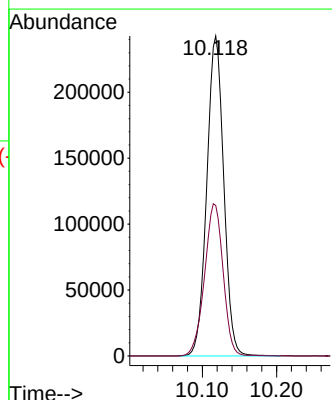
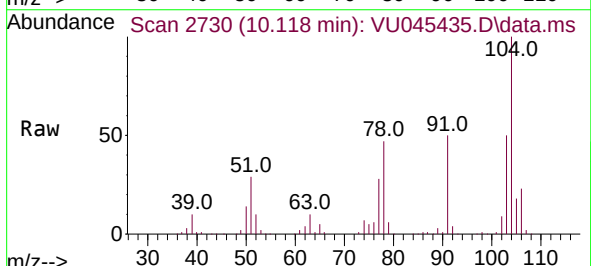
Instrument :
MSVOA_U
ClientSampleId :
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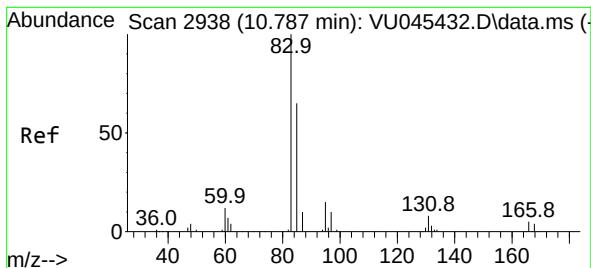
Tgt Ion:106 Resp: 226900
Ion Ratio Lower Upper
106 100
91 217.4 155.2 288.2



#55
Styrene
Concen: 52.116 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. 0.000 min
Lab File: VU045435.D
Acq: 28 Oct 2021 13:01

Tgt Ion:104 Resp: 383753
Ion Ratio Lower Upper
104 100
78 47.1 32.6 60.6

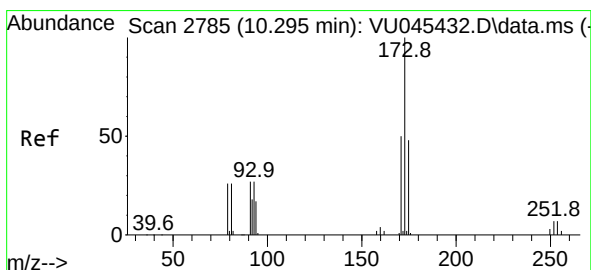
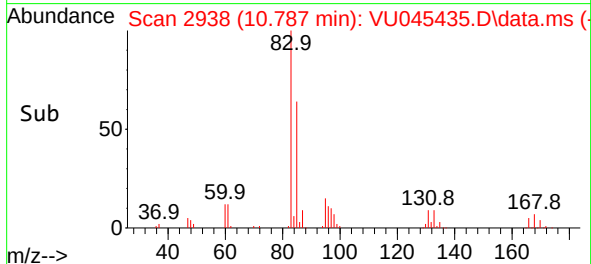
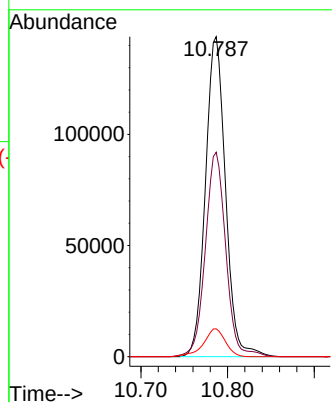
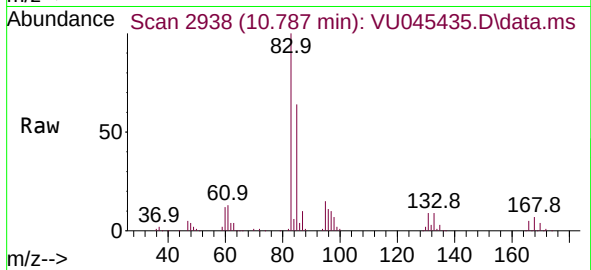




#57
1,1,2,2-Tetrachloroethane
Concen: 50.483 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. 0.000 min
Lab File: VU045435.D
Acq: 28 Oct 2021 13:01

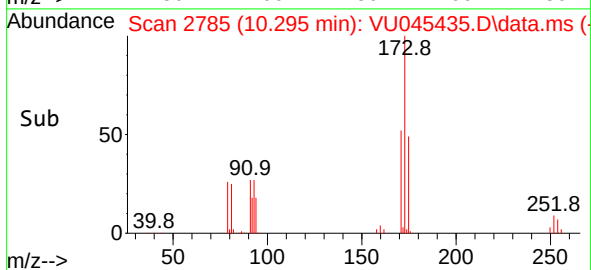
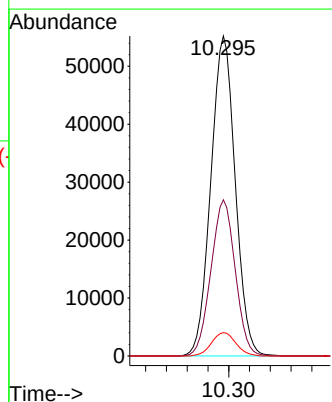
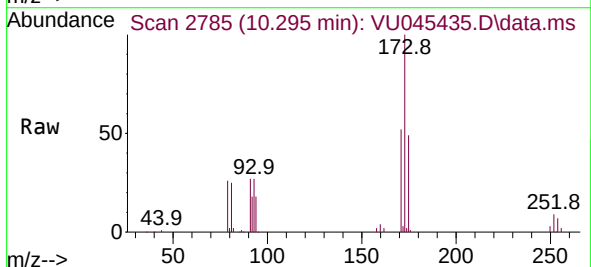
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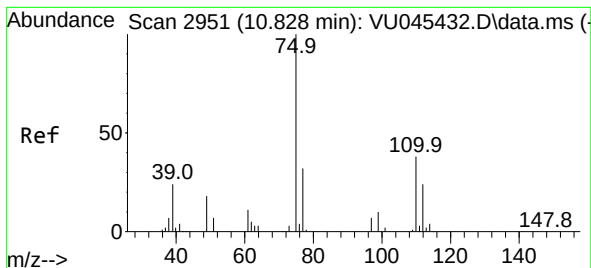
Tgt Ion: 83 Resp: 231645
Ion Ratio Lower Upper
83 100
85 63.9 46.0 85.4
131 8.7 7.0 10.4



#59
Bromoform
Concen: 51.620 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. 0.000 min
Lab File: VU045435.D
Acq: 28 Oct 2021 13:01

Tgt Ion:173 Resp: 90030
Ion Ratio Lower Upper
173 100
175 48.5 38.7 58.1
254 7.3 5.8 8.8

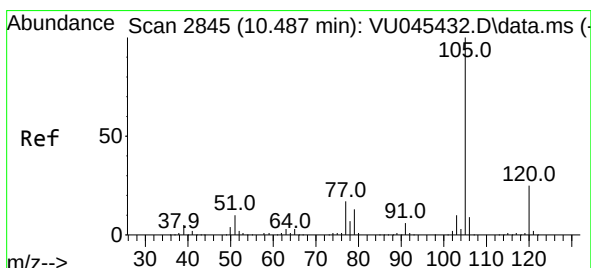
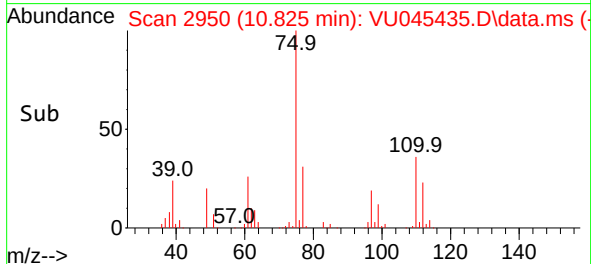
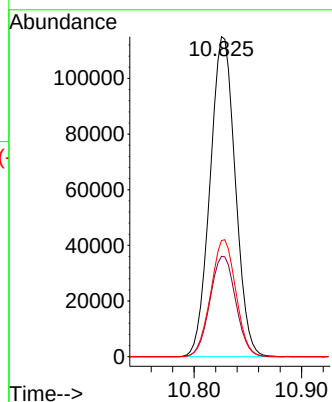
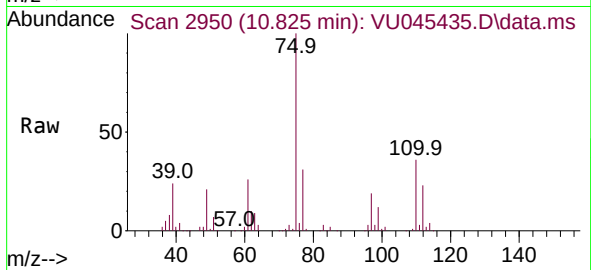




#60
1,2,3-Trichloropropane
Concen: 50.282 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VU045435.D
Acq: 28 Oct 2021 13:01

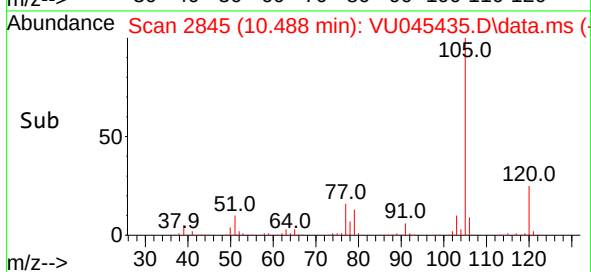
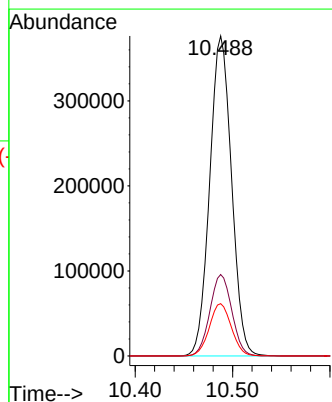
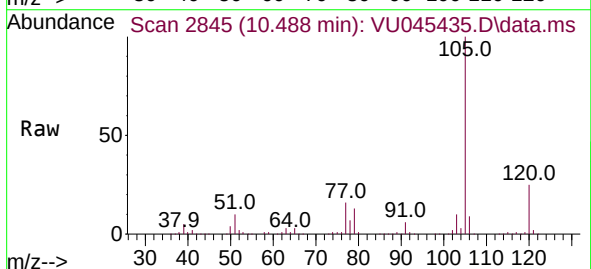
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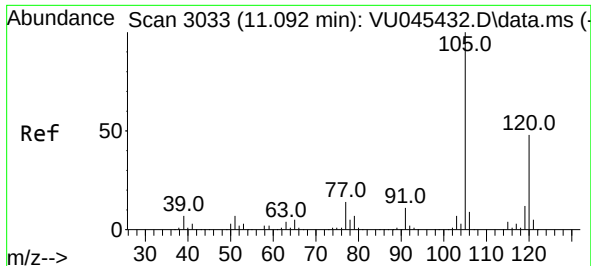
Tgt Ion: 75 Resp: 187275
Ion Ratio Lower Upper
75 100
77 32.0 25.9 38.9
110 36.5 29.8 44.8



#61
Isopropylbenzene
Concen: 52.360 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU045435.D
Acq: 28 Oct 2021 13:01

Tgt Ion: 105 Resp: 585390
Ion Ratio Lower Upper
105 100
120 25.6 20.4 30.6
77 16.5 13.3 19.9

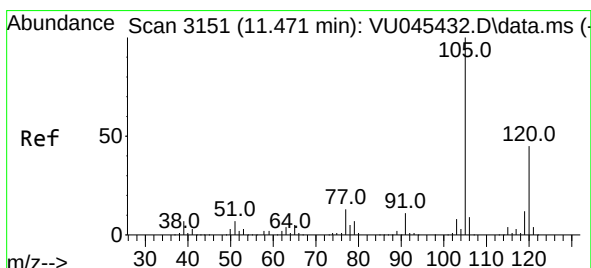
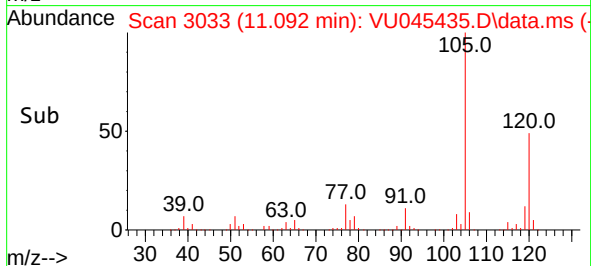
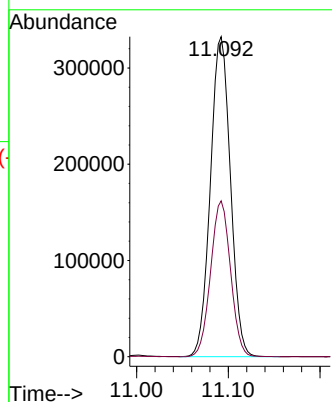
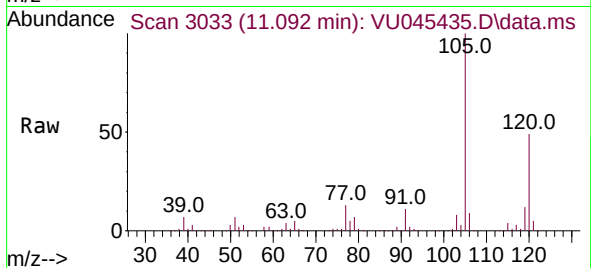




#62
1,3,5-Trimethylbenzene
Concen: 52.967 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU045435.D
Acq: 28 Oct 2021 13:01

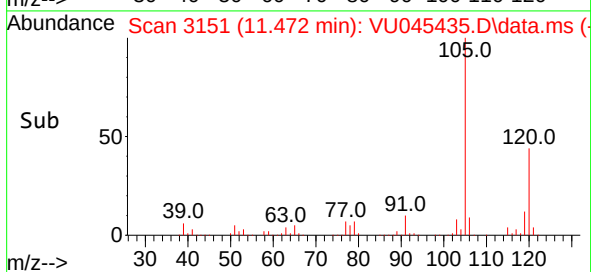
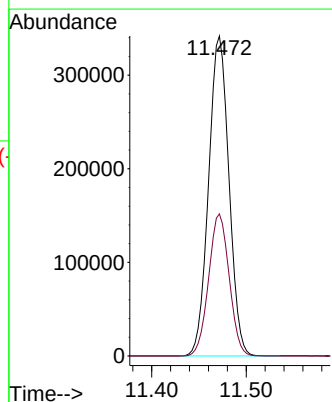
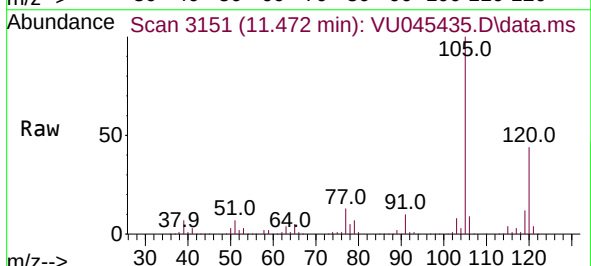
Instrument :
MSVOA_U
ClientSampleId :
VICV030

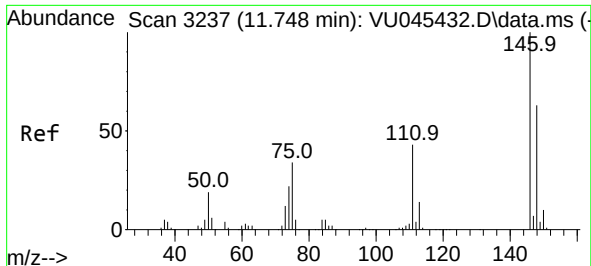
Tgt Ion:105 Resp: 504338
Ion Ratio Lower Upper
105 100
120 48.4 38.5 57.7



#63
1,2,4-Trimethylbenzene
Concen: 52.803 ug/L
RT: 11.472 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU045435.D
Acq: 28 Oct 2021 13:01

Tgt Ion:105 Resp: 510985
Ion Ratio Lower Upper
105 100
120 44.8 35.6 53.4

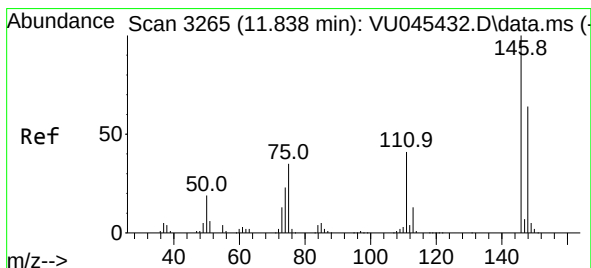
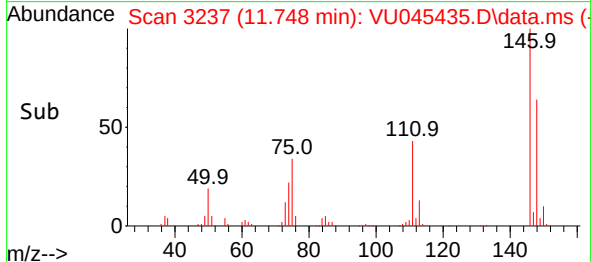
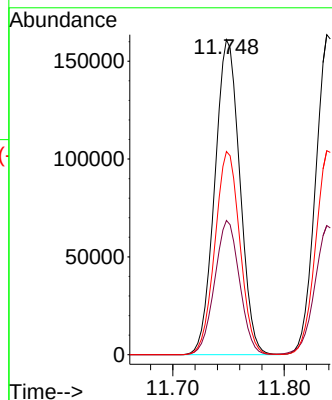
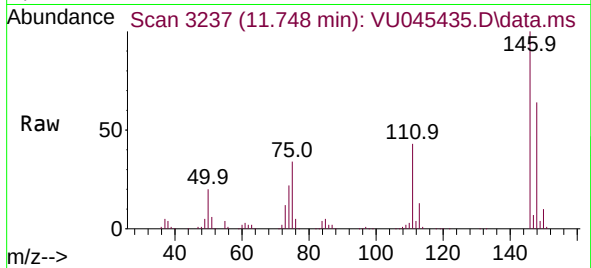




#64
1,3-Dichlorobenzene
Concen: 50.962 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU045435.D
Acq: 28 Oct 2021 13:01

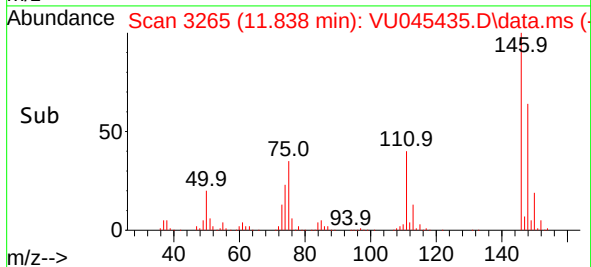
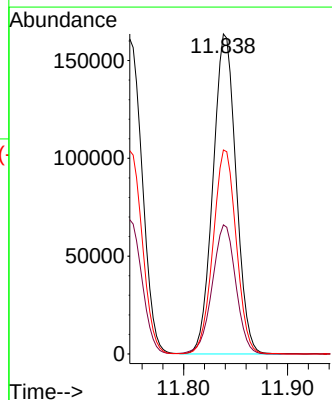
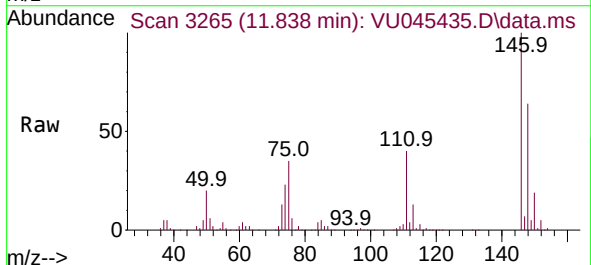
Instrument :
MSVOA_U
ClientSampleId :
VICV030

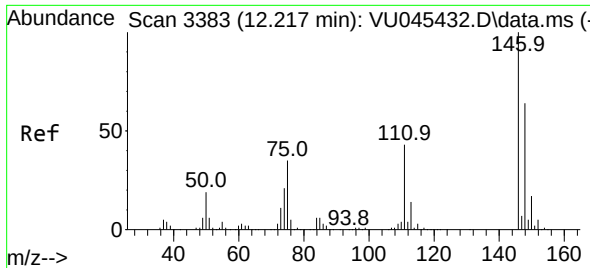
Tgt Ion:146 Resp: 251962
Ion Ratio Lower Upper
146 100
111 42.6 29.8 55.4
148 64.5 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 50.427 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU045435.D
Acq: 28 Oct 2021 13:01

Tgt Ion:146 Resp: 252224
Ion Ratio Lower Upper
146 100
111 40.3 28.6 53.0
148 63.7 44.5 82.7

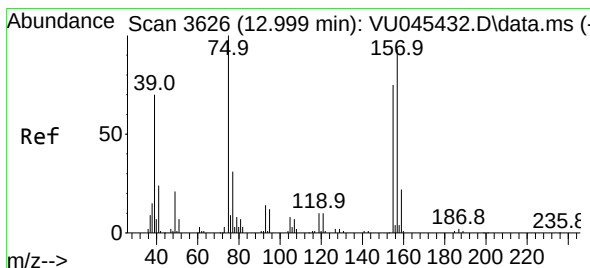
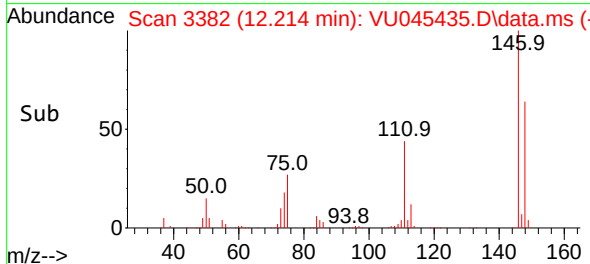
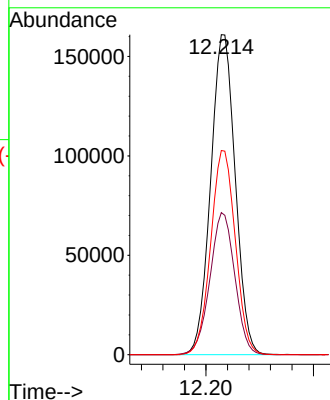
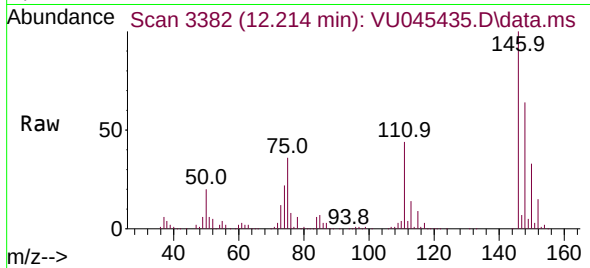




#67
1,2-Dichlorobenzene
Concen: 49.916 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. -0.003 min
Lab File: VU045435.D
Acq: 28 Oct 2021 13:01

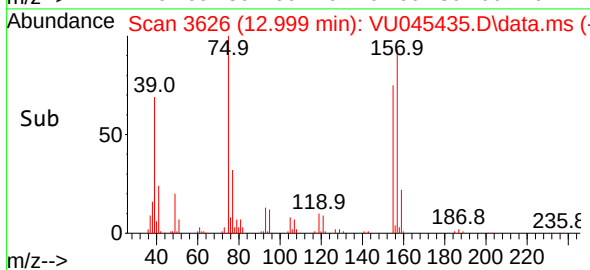
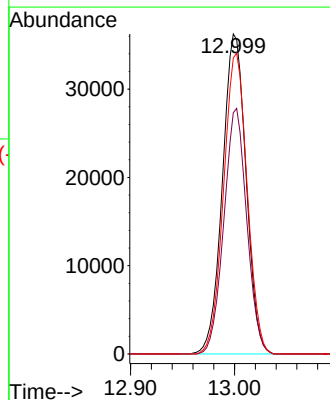
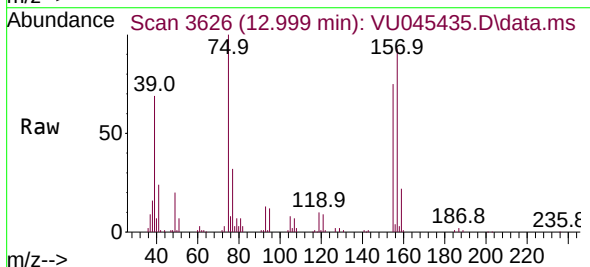
Instrument :
MSVOA_U
ClientSampleId :
VICV030

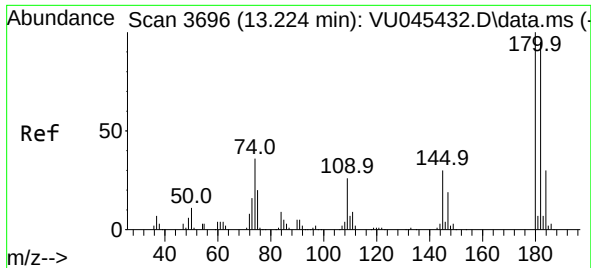
Tgt Ion:146 Resp: 255420
Ion Ratio Lower Upper
146 100
111 44.4 34.6 52.0
148 63.8 51.2 76.8



#68
1,2-Dibromo-3-chloropropane
Concen: 52.610 ug/L
RT: 12.999 min Scan# 3626
Delta R.T. 0.000 min
Lab File: VU045435.D
Acq: 28 Oct 2021 13:01

Tgt Ion: 75 Resp: 57208
Ion Ratio Lower Upper
75 100
155 75.4 60.0 90.0
157 92.5 77.9 116.9



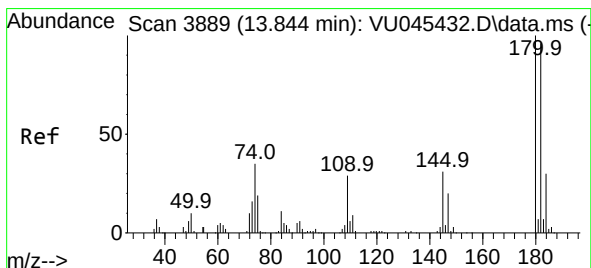
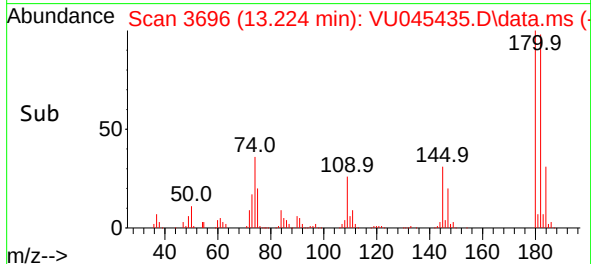
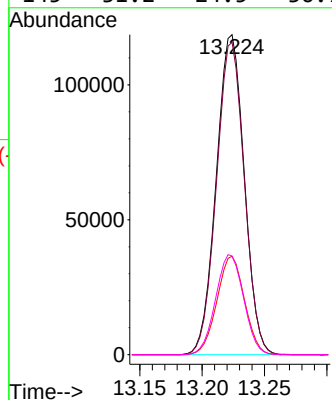
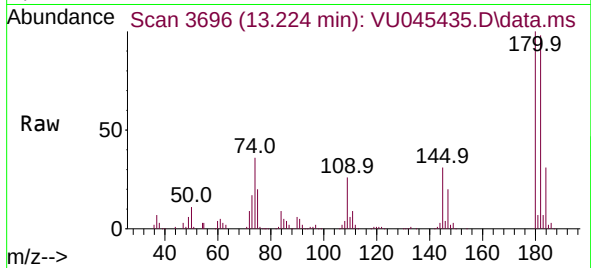


#69
 1,3,5-Trichlorobenzene
 Concen: 50.870 ug/L
 RT: 13.224 min Scan# 3696
 Delta R.T. 0.000 min
 Lab File: VU045435.D
 Acq: 28 Oct 2021 13:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV030

Tgt Ion:180 Resp: 185514

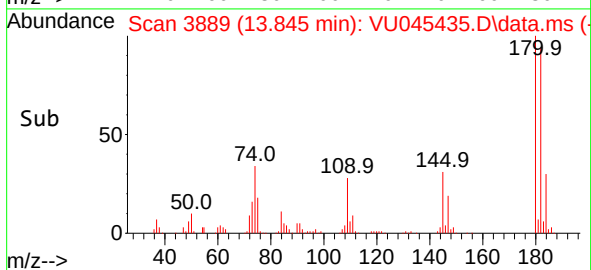
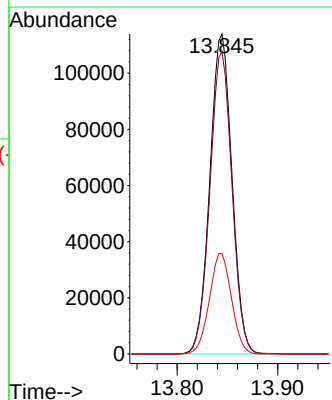
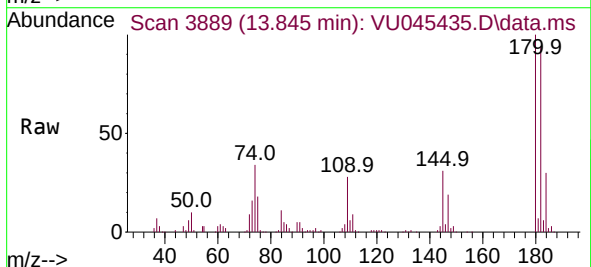
Ion	Ratio	Lower	Upper
180	100		
182	97.0	76.6	114.8
184	30.3	23.9	35.9
145	31.2	24.5	36.7

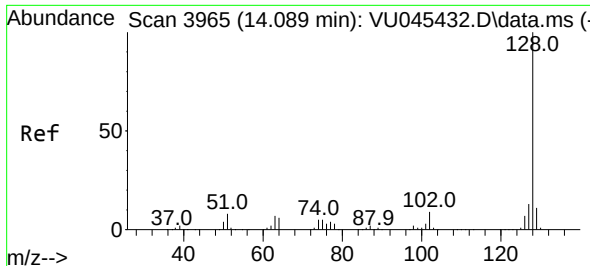


#70
 1,2,4-trichlorobenzene
 Concen: 52.422 ug/L
 RT: 13.845 min Scan# 3889
 Delta R.T. 0.000 min
 Lab File: VU045435.D
 Acq: 28 Oct 2021 13:01

Tgt Ion:180 Resp: 174662

Ion	Ratio	Lower	Upper
180	100		
182	94.0	76.1	114.1
145	31.3	25.3	37.9

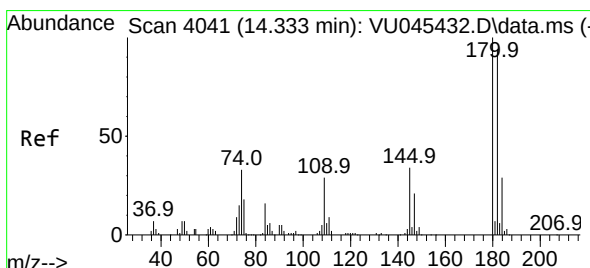
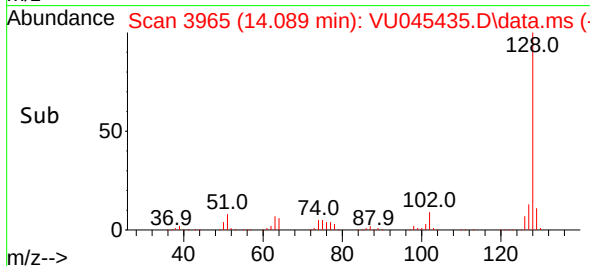
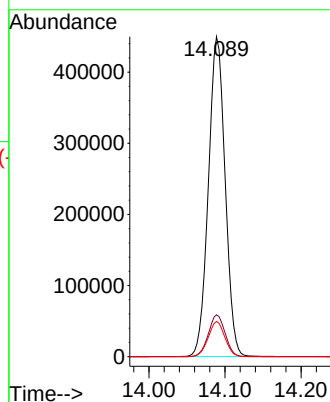
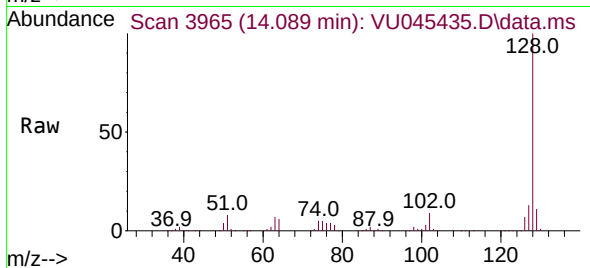




#71
Naphthalene
Concen: 54.144 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU045435.D
Acq: 28 Oct 2021 13:01

Instrument :
MSVOA_U
ClientSampleId :
VICV030

Tgt Ion:	128	Resp:	687425
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	11.0	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 53.226 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VU045435.D
Acq: 28 Oct 2021 13:01

Tgt Ion:	180	Resp:	181483
Ion	Ratio	Lower	Upper
180	100		
182	95.1	75.7	113.5
145	33.3	27.0	40.4

