

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011023\
 Data File : VU052645.D
 Acq On : 10 Jan 2023 15:21
 Operator : JC/MD
 Sample : VSTD02005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 11 00:43:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 11 00:40:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	177205	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	171234	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	97416	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	316376	17.833	ug/L	0.00
7) Chloroethane-d5	1.916	69	255711	16.844	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	65	140434	18.311	ug/L	0.00
20) 2-Butanone-d5	4.639	46	933479	171.824	ug/L	0.00
24) Chloroform-d	5.060	84	582618	19.007	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.697	65	298767	17.066	ug/L	0.00
32) Benzene-d6	5.723	84	1187362	19.996	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.684	67	387286	19.110	ug/L	0.00
41) Toluene-d8	7.893	98	1071111	21.350	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.173	79	154509	21.907	ug/L	0.00
46) 2-Hexanone-d5	8.629	63	748702	203.082	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.751	84	302430	17.842	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.188	152	372763	18.861	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	367834	22.409	ug/L	100
3) Chloromethane	1.520	50	419764	18.273	ug/L	99
5) Vinyl chloride	1.604	62	417341	20.096	ug/L	98
6) Bromomethane	1.858	94	222634	18.858	ug/L	97
8) Chloroethane	1.935	64	250277	17.699	ug/L	98
9) Trichlorofluoromethane	2.141	101	504212	20.972	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	293459	20.719	ug/L	99
12) 1,1-Dichloroethene	2.578	96	290090	21.302	ug/L	93
13) Acetone	2.658	43	564039	143.636	ug/L	99
14) Carbon disulfide	2.790	76	1009782	22.538	ug/L	100
15) Methyl Acetate	2.957	43	147861	16.648	ug/L	98
16) Methylene chloride	3.044	84	343148	17.581	ug/L	96
17) Methyl tert-butyl Ether	3.359	73	720648	20.250	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	311664	22.152	ug/L	98
19) 1,1-Dichloroethane	3.864	63	619704	20.468	ug/L	100
21) 2-Butanone	4.716	43	1041997	177.470	ug/L	99
22) cis-1,2-Dichloroethene	4.661	96	340053	22.094	ug/L	94
23) Bromochloromethane	4.970	128	139562	19.944	ug/L	96
25) Chloroform	5.083	83	586292	19.869	ug/L	100
27) 1,2-Dichloroethane	5.790	62	375072	18.863	ug/L	99
29) 1,1,1-Trichloroethane	5.311	97	500627	22.392	ug/L	98
30) Cyclohexane	5.385	56	608621	25.162	ug/L	100
31) Carbon tetrachloride	5.520	117	424177	21.809	ug/L	99
33) Benzene	5.771	78	1384205	21.836	ug/L	100
34) Trichloroethene	6.536	95	323909	21.919	ug/L	99
35) Methylcyclohexane	6.758	83	598141	26.326	ug/L	98
37) 1,2-Dichloropropane	6.787	63	364290	20.831	ug/L	99
38) Bromodichloromethane	7.102	83	428589	20.220	ug/L	97
39) cis-1,3-Dichloropropene	7.603	75	518561	23.376	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	2387839	195.223	ug/L	98
42) Toluene	7.964	91	1426333	23.346	ug/L	99
44) trans-1,3-Dichloropropene	8.205	75	437627	22.375	ug/L	99

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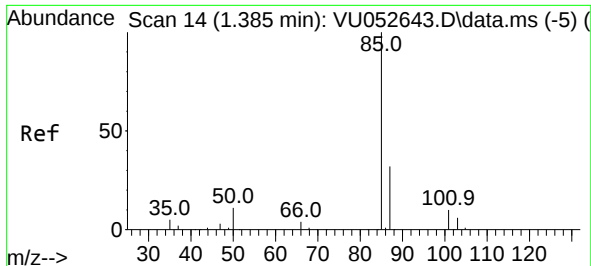
Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 11 00:43:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 11 00:40:42 2023
 Response via : Initial Calibration

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

45) 1,1,2-Trichloroethane	8.394	97	228558	18.915	ug/L	97
47) Tetrachloroethene	8.549	164	241090	23.153	ug/L	96
48) 2-Hexanone	8.684	43	1731126	188.827	ug/L	99
49) Dibromochloromethane	8.806	129	272758	20.811	ug/L	100
50) 1,2-Dibromoethane	8.919	107	216671	19.609	ug/L	99
51) Chlorobenzene	9.443	112	865480	22.400	ug/L	100
52) Ethylbenzene	9.565	91	1561059	24.748	ug/L	100
53) m,p-Xylene	9.690	106	597615	25.473	ug/L	99
54) o-Xylene	10.095	106	576554	25.641	ug/L	97
55) Styrene	10.108	104	1003271	25.727	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.777	83	309562	18.554	ug/L	98
59) Bromoform	10.285	173	151992	17.912	ug/L	99
60) Isopropylbenzene	10.478	105	1533334	23.884	ug/L	99
61) 1,2,3-Trichloropropane	10.816	75	218958	16.124	ug/L	96
62) 1,3,5-Trimethylbenzene	11.082	105	1315242	24.868	ug/L	100
63) 1,2,4-Trimethylbenzene	11.462	105	1321808	24.948	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	670899	21.199	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	671534	20.578	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	623055	20.057	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.989	75	53746	17.336	ug/L #	90
69) 1,3,5-Trichlorobenzene	13.214	180	504954	21.824	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	427654	22.134	ug/L	98
71) Naphthalene	14.079	128	807781	21.081	ug/L	99
72) 1,2,3-Trichlorobenzene	14.323	180	386956	20.308	ug/L	100

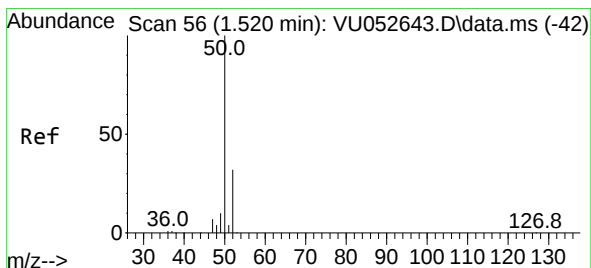
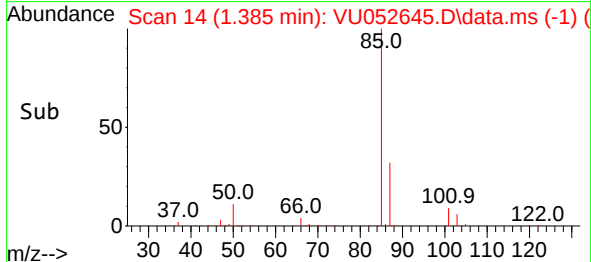
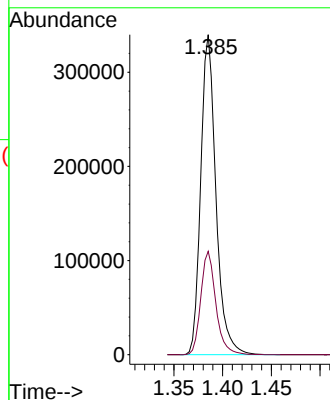
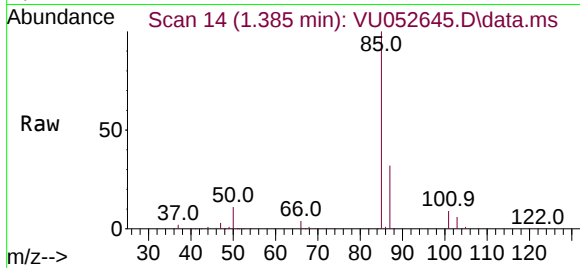
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 22.409 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU052645.D
Acq: 10 Jan 2023 15:21

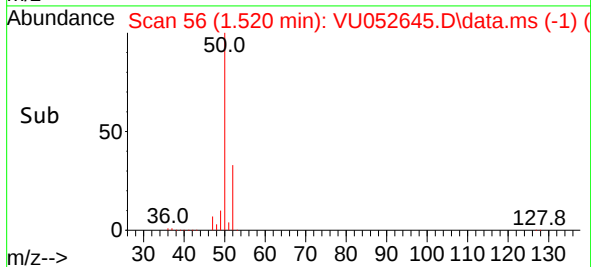
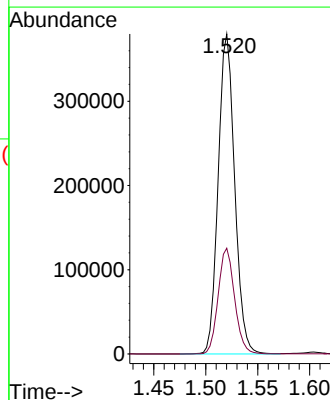
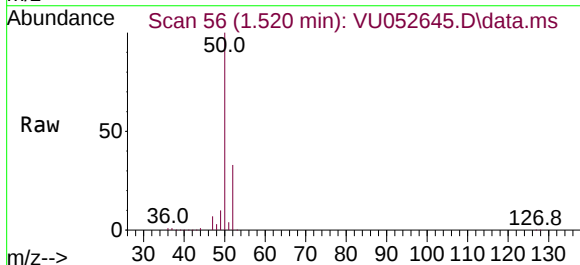
Instrument :
MSVOA_U
ClientSampleId :

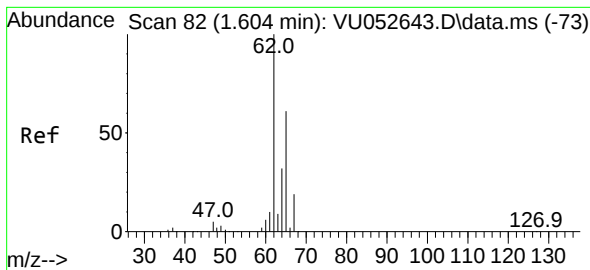
Tgt Ion: 85 Resp: 367834
Ion Ratio Lower Upper
85 100
87 32.0 25.5 38.3



#3
Chloromethane
Concen: 18.273 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU052645.D
Acq: 10 Jan 2023 15:21

Tgt Ion: 50 Resp: 419764
Ion Ratio Lower Upper
50 100
52 33.1 22.7 42.3





#5

Vinyl chloride

Concen: 20.096 ug/L

RT: 1.604 min Scan# 82

Delta R.T. -0.000 min

Lab File: VU052645.D

Acq: 10 Jan 2023 15:21

Instrument :

MSVOA_U

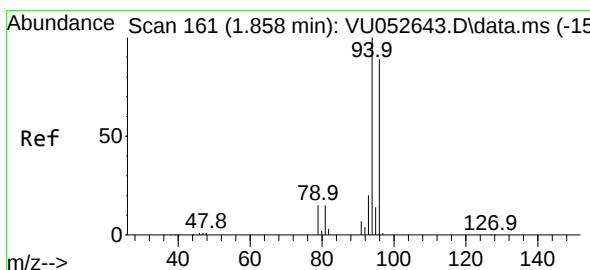
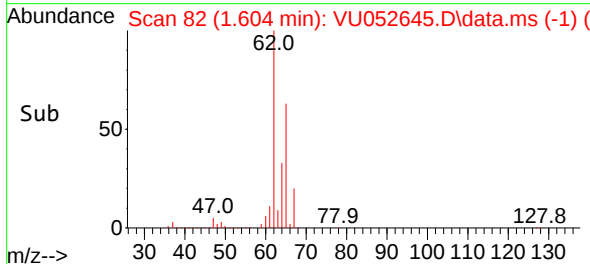
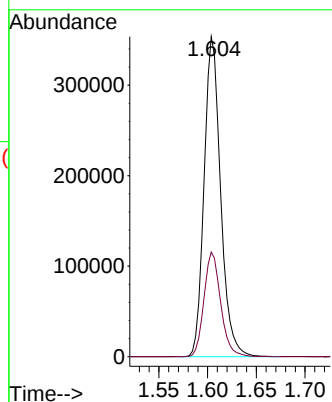
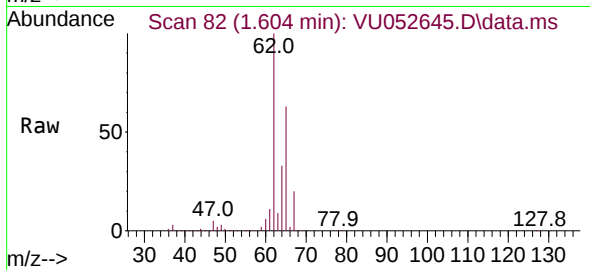
ClientSampleId :

Tgt Ion: 62 Resp: 417341

Ion Ratio Lower Upper

62 100

64 32.7 22.3 41.3



#6

Bromomethane

Concen: 18.858 ug/L

RT: 1.858 min Scan# 161

Delta R.T. -0.000 min

Lab File: VU052645.D

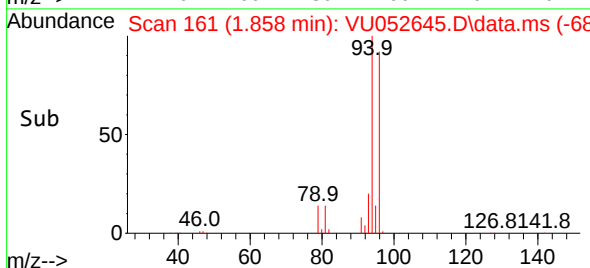
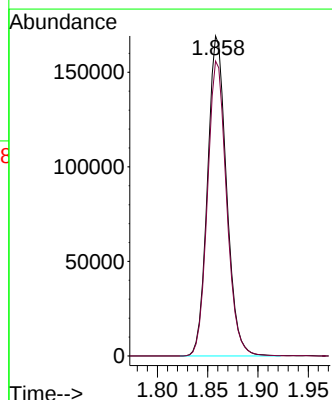
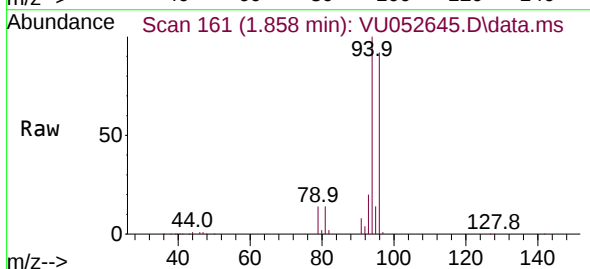
Acq: 10 Jan 2023 15:21

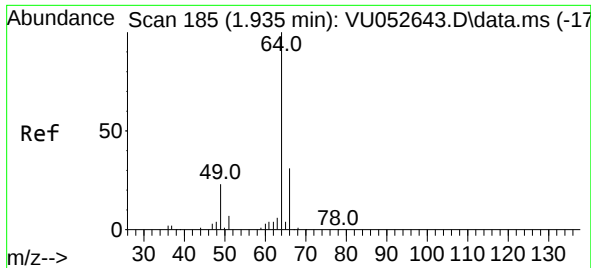
Tgt Ion: 94 Resp: 222634

Ion Ratio Lower Upper

94 100

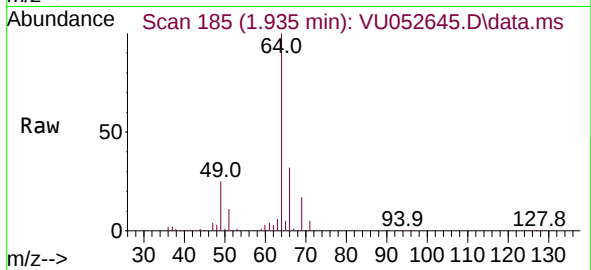
96 92.2 62.2 115.6



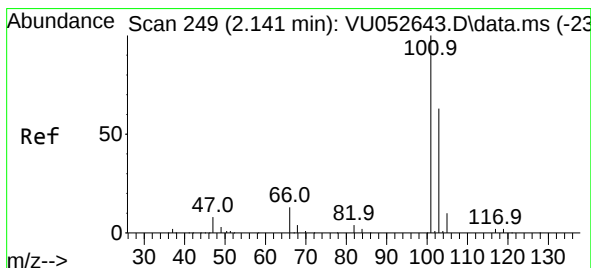
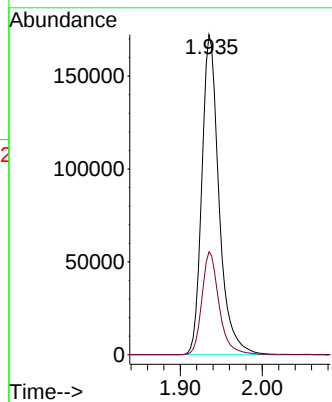
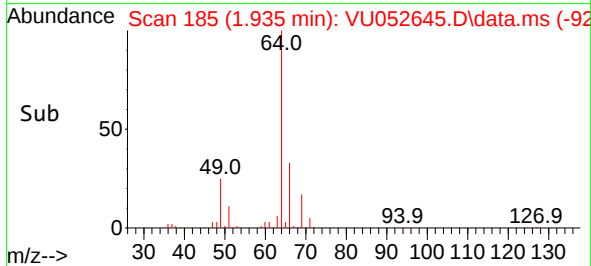


#8
Chloroethane
Concen: 17.699 ug/L
RT: 1.935 min Scan# 185
Delta R.T. -0.000 min
Lab File: VU052645.D
Acq: 10 Jan 2023 15:21

Instrument :
MSVOA_U
ClientSampleId :

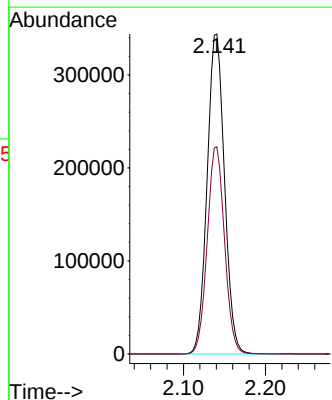
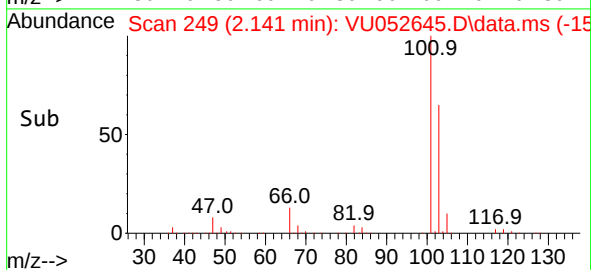
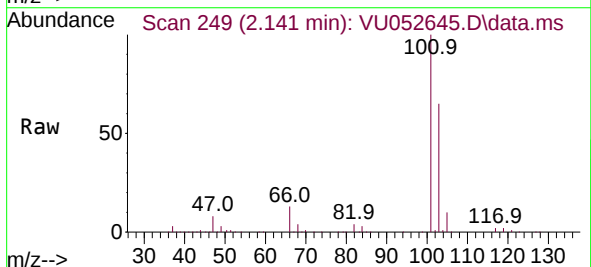


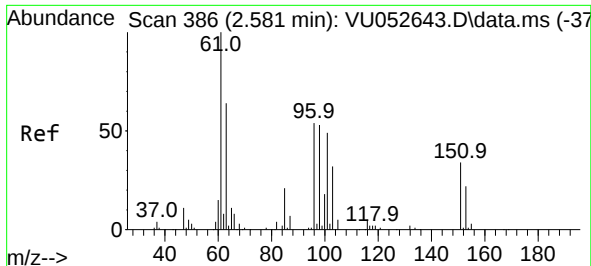
Tgt Ion: 64 Resp: 250277
Ion Ratio Lower Upper
64 100
66 32.2 21.6 40.2



#9
Trichlorofluoromethane
Concen: 20.972 ug/L
RT: 2.141 min Scan# 249
Delta R.T. -0.000 min
Lab File: VU052645.D
Acq: 10 Jan 2023 15:21

Tgt Ion: 101 Resp: 504212
Ion Ratio Lower Upper
101 100
103 64.6 51.0 76.6

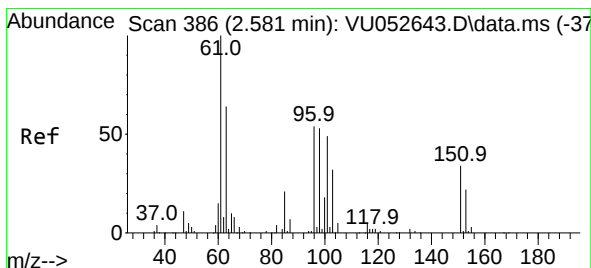
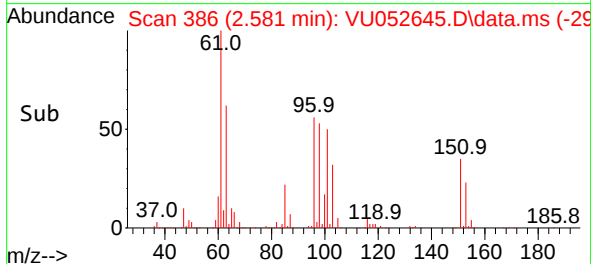
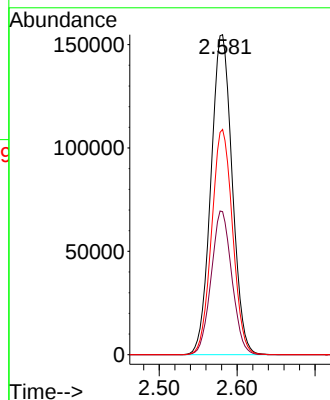
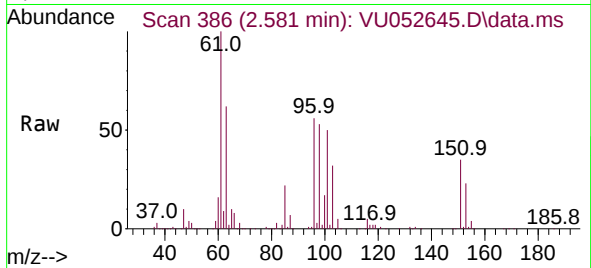




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 20.719 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. -0.000 min
 Lab File: VU052645.D
 Acq: 10 Jan 2023 15:21

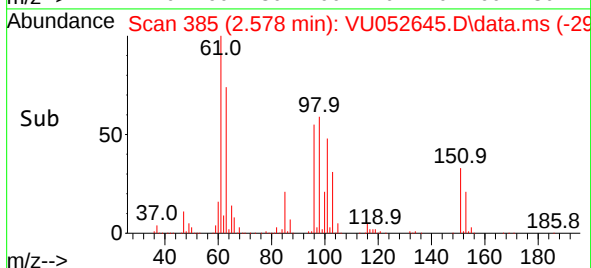
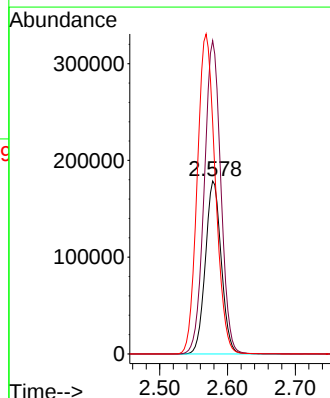
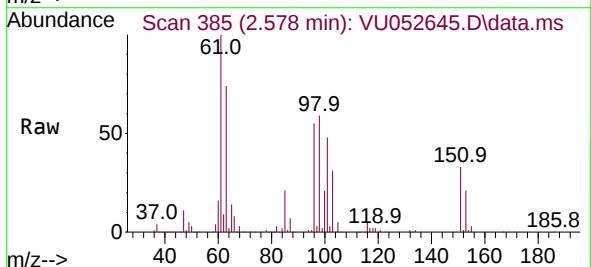
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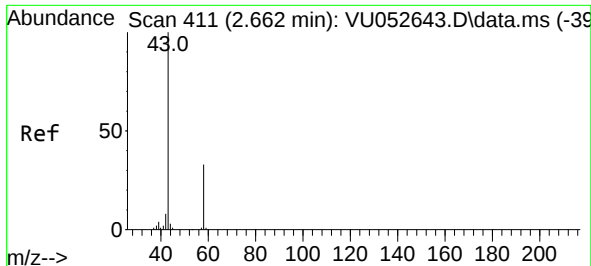
Tgt Ion:101 Resp: 293459
 Ion Ratio Lower Upper
 101 100
 85 43.6 35.0 52.6
 151 69.5 55.0 82.6



#12
 1,1-Dichloroethene
 Concen: 21.302 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.003 min
 Lab File: VU052645.D
 Acq: 10 Jan 2023 15:21

Tgt Ion: 96 Resp: 290090
 Ion Ratio Lower Upper
 96 100
 61 181.2 129.6 240.8
 63 133.8 83.7 155.5





#13

Acetone

Concen: 143.636 ug/L

RT: 2.658 min Scan# 411

Delta R.T. -0.003 min

Lab File: VU052645.D

Acq: 10 Jan 2023 15:21

Instrument :

MSVOA_U

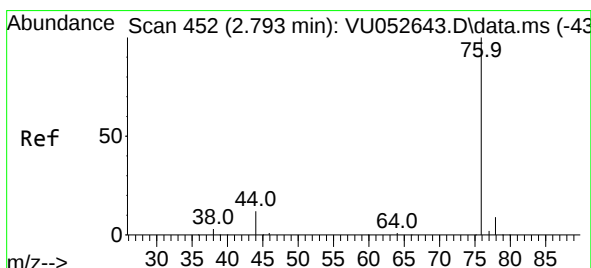
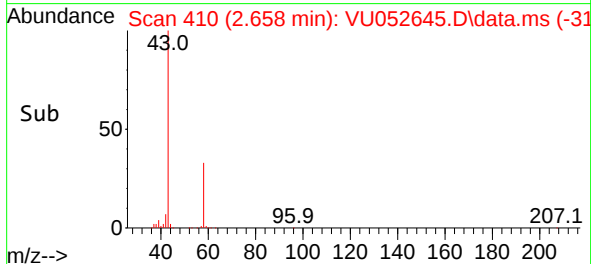
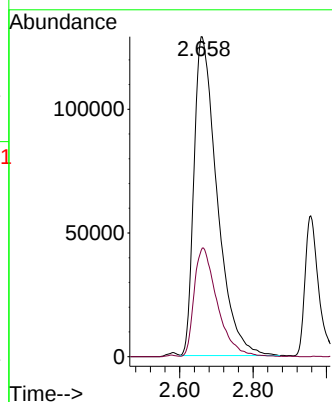
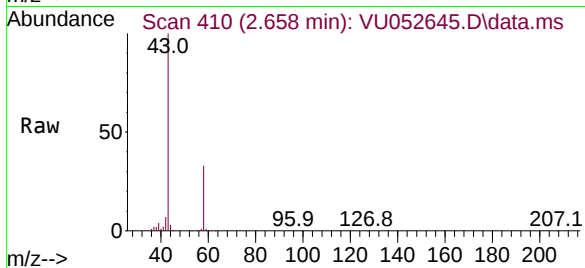
ClientSampleId :

Tgt Ion: 43 Resp: 564039

Ion Ratio Lower Upper

43 100

58 33.8 0.0 68.8



#14

Carbon disulfide

Concen: 22.538 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.003 min

Lab File: VU052645.D

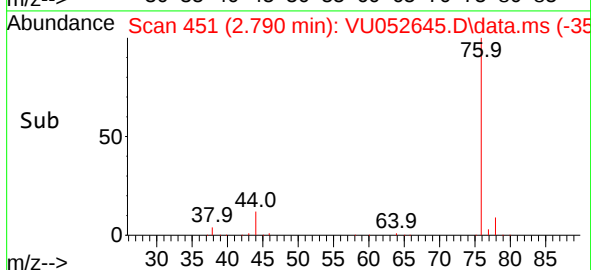
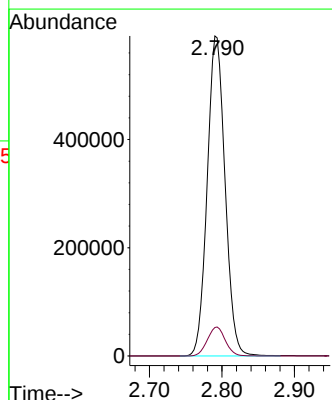
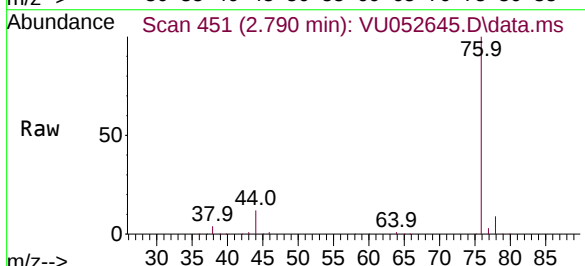
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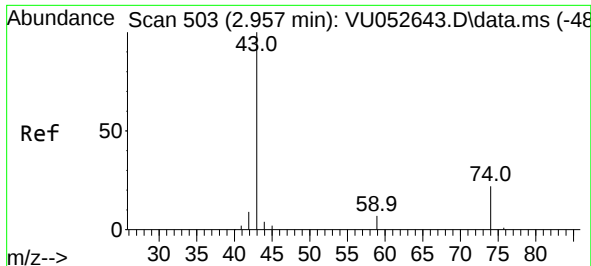
Tgt Ion: 76 Resp: 1009782

Ion Ratio Lower Upper

76 100

78 8.9 7.0 10.6

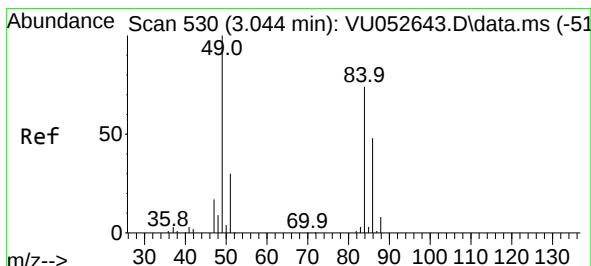
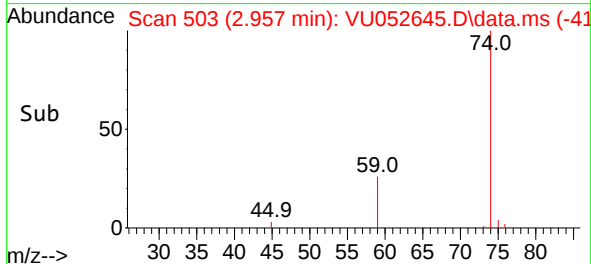
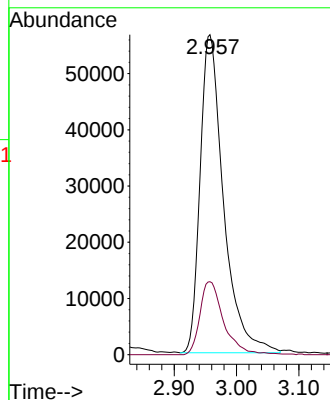
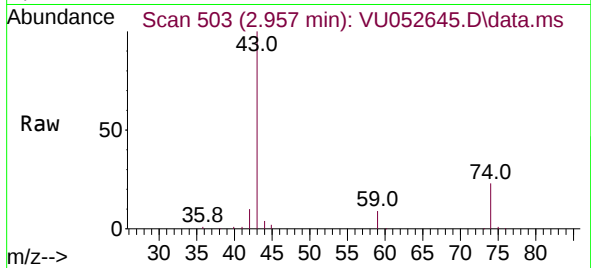




#15
Methyl Acetate
Concen: 16.648 ug/L
RT: 2.957 min Scan# 503
Delta R.T. -0.000 min
Lab File: VU052645.D
Acq: 10 Jan 2023 15:21

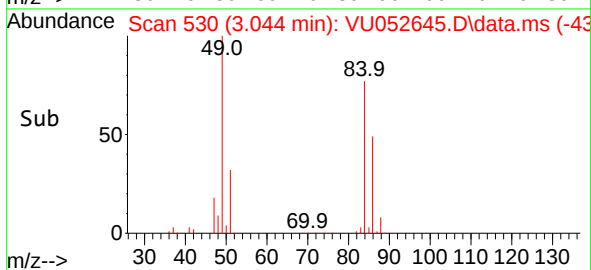
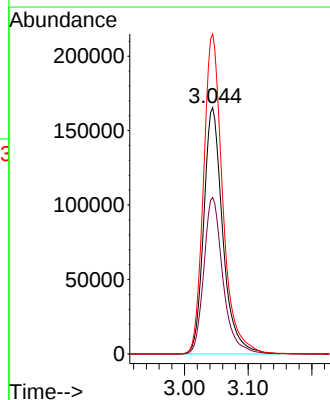
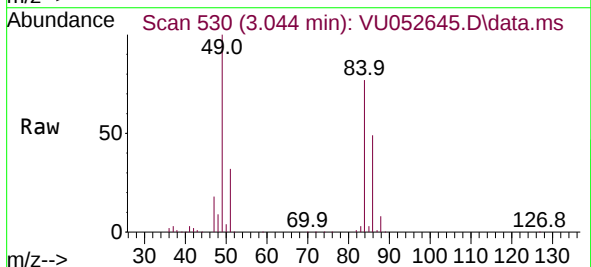
Instrument :
MSVOA_U
ClientSampleId :

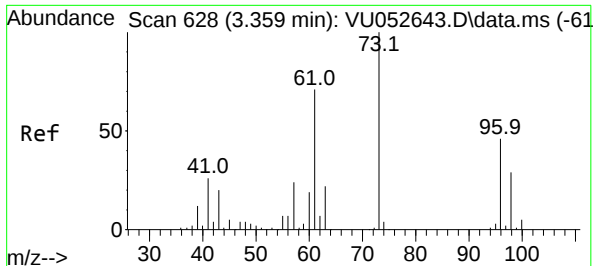
Tgt Ion: 43 Resp: 147861
Ion Ratio Lower Upper
43 100
74 22.9 17.5 26.3



#16
Methylene chloride
Concen: 17.581 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU052645.D
Acq: 10 Jan 2023 15:21

Tgt Ion: 84 Resp: 343148
Ion Ratio Lower Upper
84 100
86 63.5 45.6 84.6
49 130.0 94.8 176.0





#17

Methyl tert-butyl Ether

Concen: 20.250 ug/L

RT: 3.359 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU052645.D

Acq: 10 Jan 2023 15:21

Instrument :

MSVOA_U

ClientSampleId :

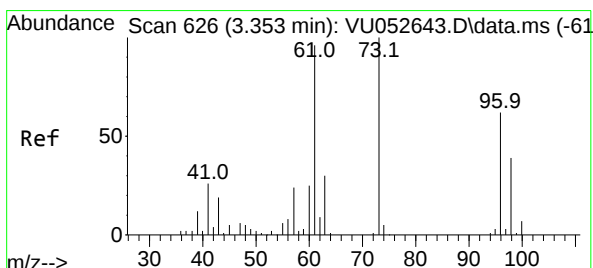
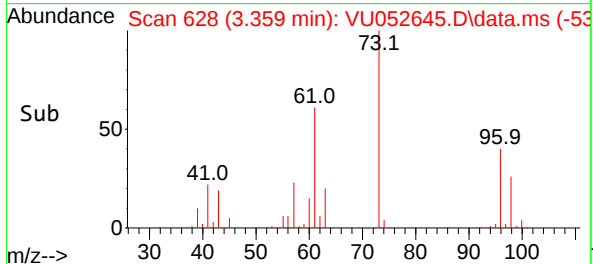
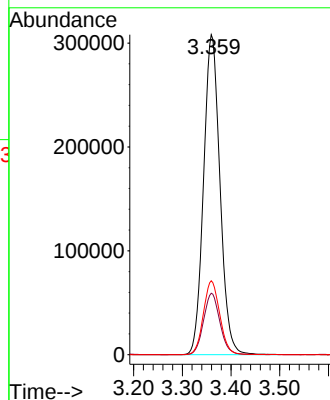
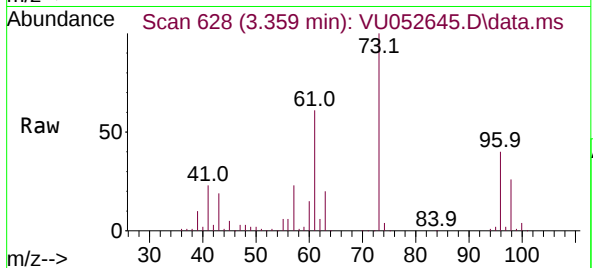
Tgt Ion: 73 Resp: 720648

Ion Ratio Lower Upper

73 100

43 19.1 15.8 23.8

57 23.0 18.6 28.0



#18

trans-1,2-Dichloroethene

Concen: 22.152 ug/L

RT: 3.350 min Scan# 625

Delta R.T. -0.003 min

Lab File: VU052645.D

Acq: 10 Jan 2023 15:21

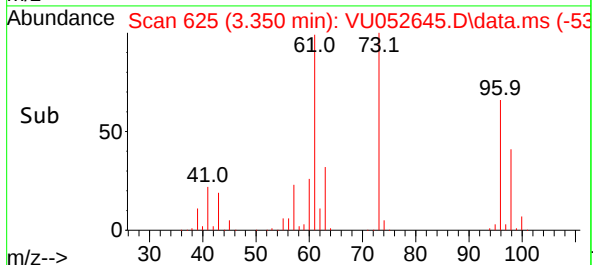
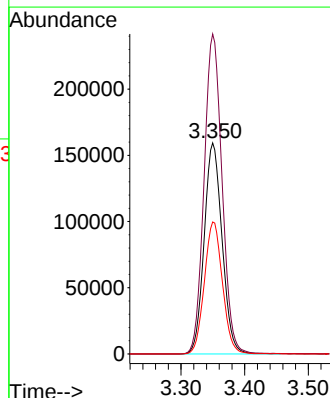
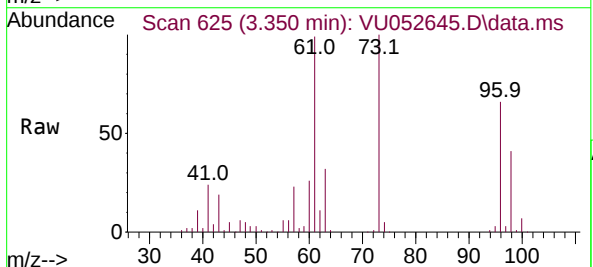
Tgt Ion: 96 Resp: 311664

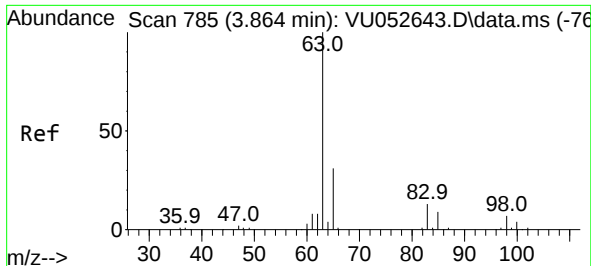
Ion Ratio Lower Upper

96 100

61 151.6 108.4 201.4

98 62.6 43.8 81.4

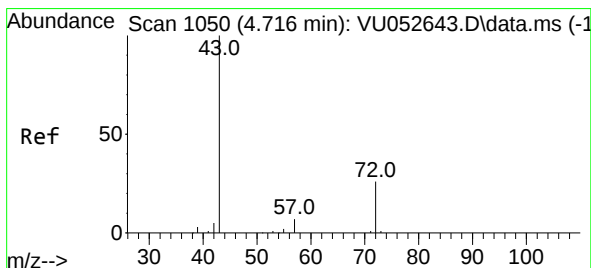
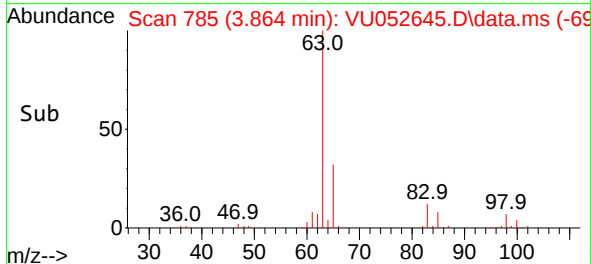
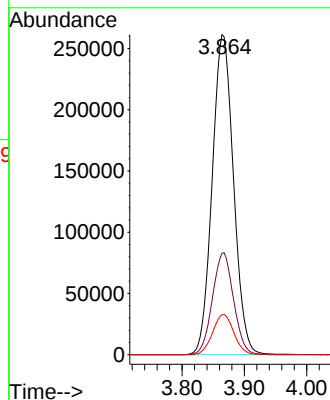
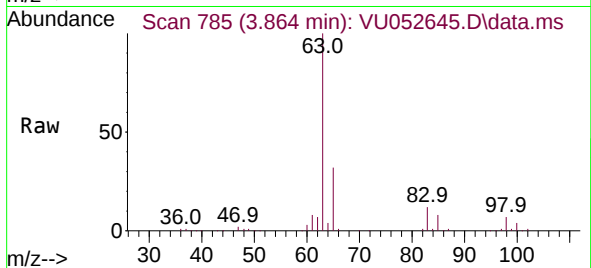




#19
1,1-Dichloroethane
Concen: 20.468 ug/L
RT: 3.864 min Scan# 785
Delta R.T. -0.000 min
Lab File: VU052645.D
Acq: 10 Jan 2023 15:21

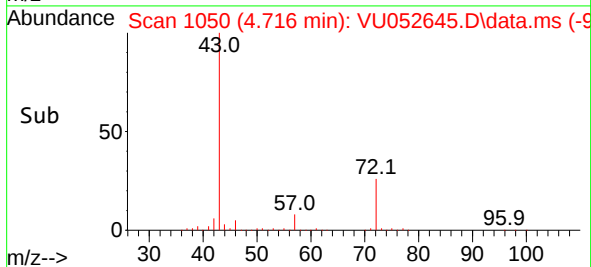
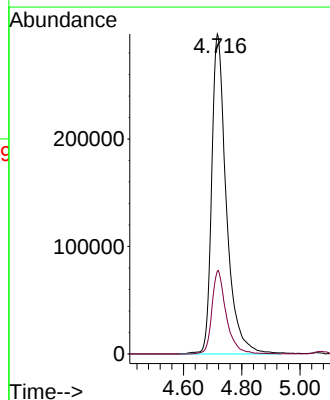
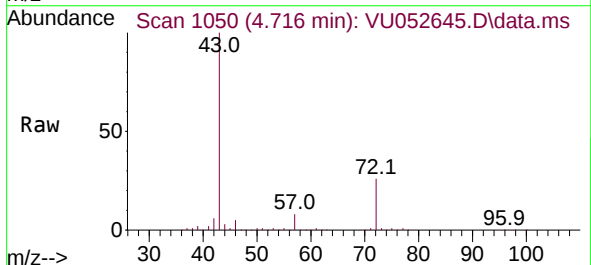
Instrument :
MSVOA_U
ClientSampleId :

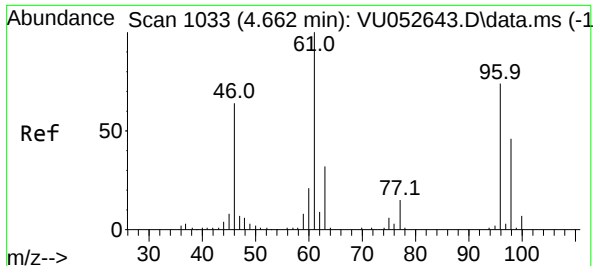
Tgt Ion: 63 Resp: 619704
Ion Ratio Lower Upper
63 100
65 31.7 22.0 41.0
83 12.5 8.9 16.5



#21
2-Butanone
Concen: 177.470 ug/L
RT: 4.716 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VU052645.D
Acq: 10 Jan 2023 15:21

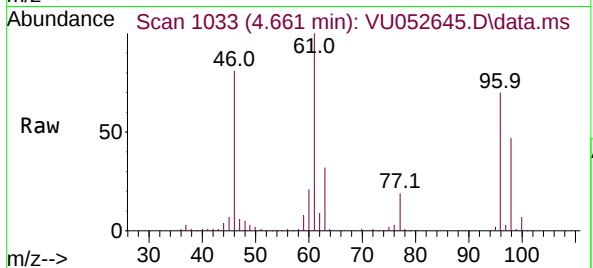
Tgt Ion: 43 Resp: 1041997
Ion Ratio Lower Upper
43 100
72 25.3 12.9 38.6





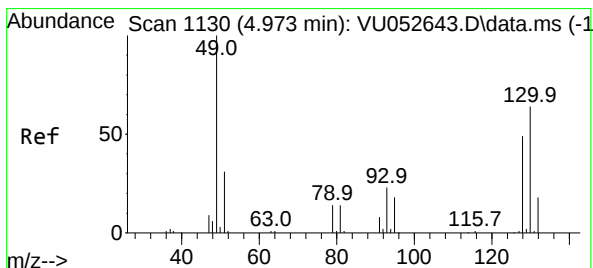
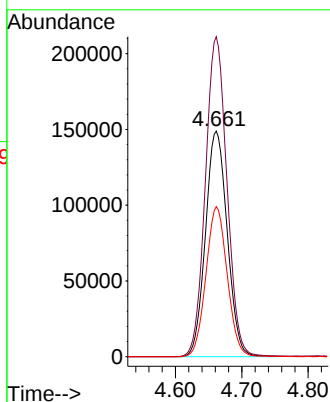
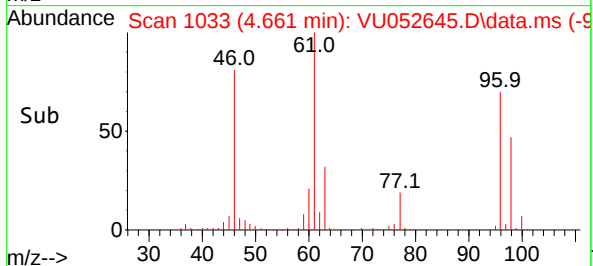
#22
 cis-1,2-Dichloroethene
 Concen: 22.094 ug/L
 RT: 4.661 min Scan# 1103
 Delta R.T. -0.000 min
 Lab File: VU052645.D
 Acq: 10 Jan 2023 15:21

Instrument :
 MSVOA_U
 ClientSampleId :

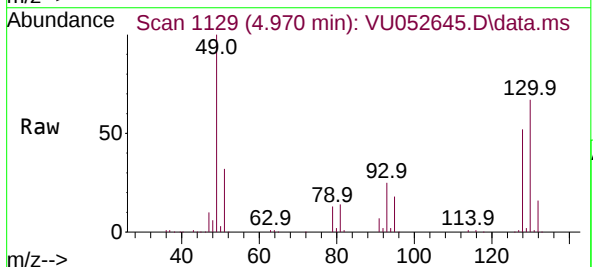


Tgt Ion: 96 Resp: 340053

Ion	Ratio	Lower	Upper
96	100		
61	141.9	94.6	175.8
98	66.5	43.3	80.3

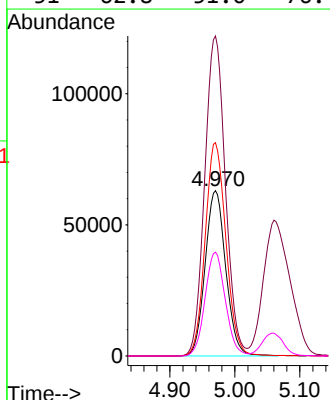
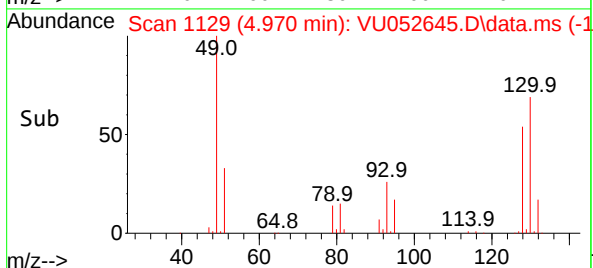


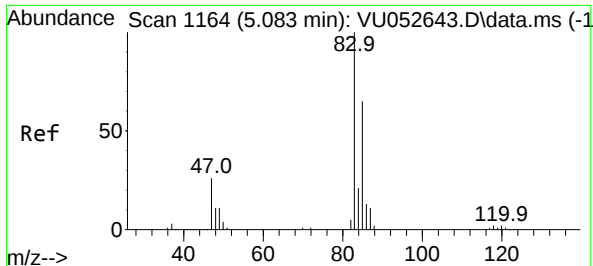
#23
 Bromochloromethane
 Concen: 19.944 ug/L
 RT: 4.970 min Scan# 1129
 Delta R.T. -0.003 min
 Lab File: VU052645.D
 Acq: 10 Jan 2023 15:21



Tgt Ion: 128 Resp: 139562

Ion	Ratio	Lower	Upper
128	100		
49	193.6	142.8	265.2
130	129.1	91.3	169.5
51	62.8	51.0	76.4





#25

Chloroform

Concen: 19.869 ug/L

RT: 5.083 min Scan# 1164

Delta R.T. -0.000 min

Lab File: VU052645.D

Acq: 10 Jan 2023 15:21

Instrument :

MSVOA_U

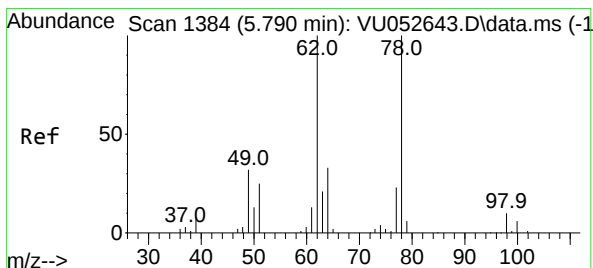
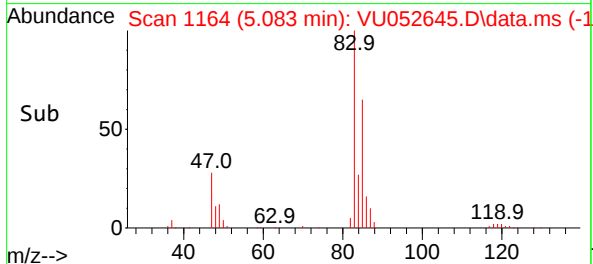
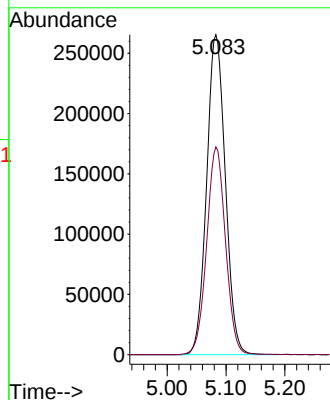
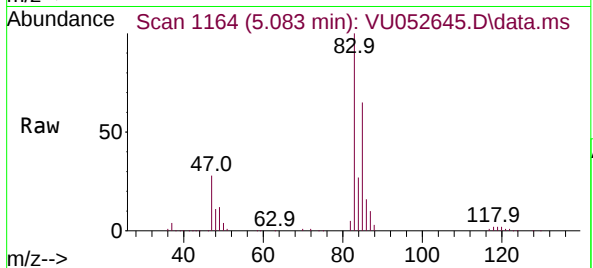
ClientSampleId :

Tgt Ion: 83 Resp: 586292

Ion Ratio Lower Upper

83 100

85 64.9 45.6 84.6



#27

1,2-Dichloroethane

Concen: 18.863 ug/L

RT: 5.790 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VU052645.D

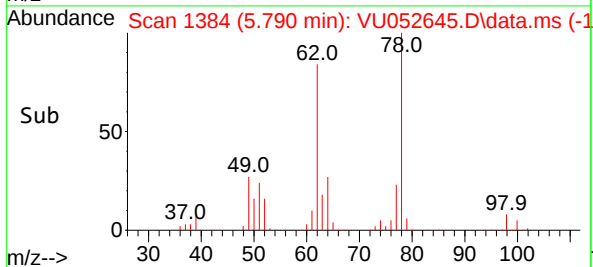
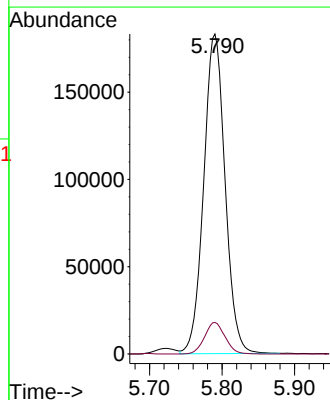
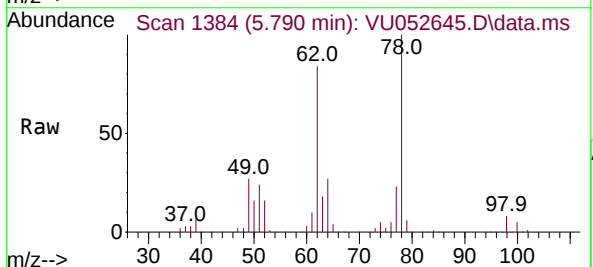
Acq: 10 Jan 2023 15:21

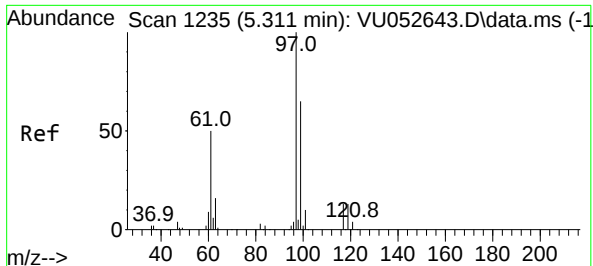
Tgt Ion: 62 Resp: 375072

Ion Ratio Lower Upper

62 100

98 9.9 7.5 11.3





#29

1,1,1-Trichloroethane

Concen: 22.392 ug/L

RT: 5.311 min Scan# 1235

Delta R.T. -0.000 min

Lab File: VU052645.D

Acq: 10 Jan 2023 15:21

Instrument :

MSVOA_U

ClientSampleId :

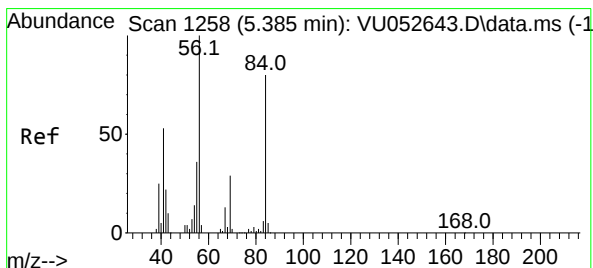
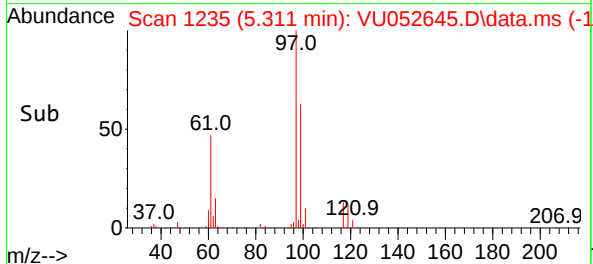
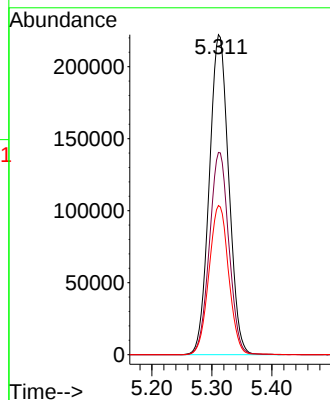
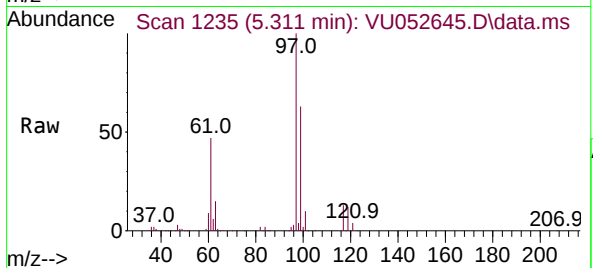
Tgt Ion: 97 Resp: 500627

Ion Ratio Lower Upper

97 100

99 63.3 52.4 78.6

61 47.2 38.5 57.7



#30

Cyclohexane

Concen: 25.162 ug/L

RT: 5.385 min Scan# 1258

Delta R.T. -0.000 min

Lab File: VU052645.D

Acq: 10 Jan 2023 15:21

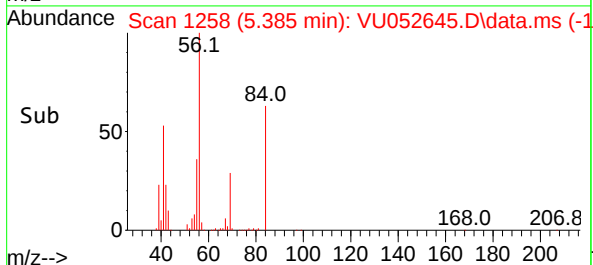
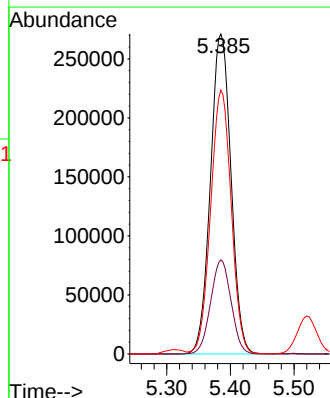
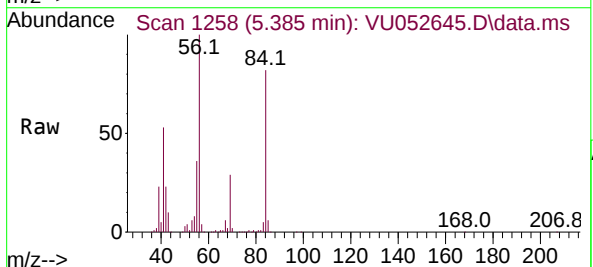
Tgt Ion: 56 Resp: 608621

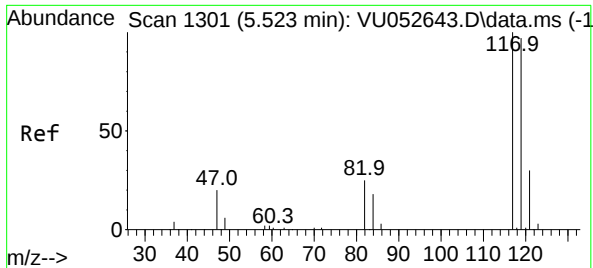
Ion Ratio Lower Upper

56 100

69 29.2 23.8 35.8

84 82.6 66.2 99.4

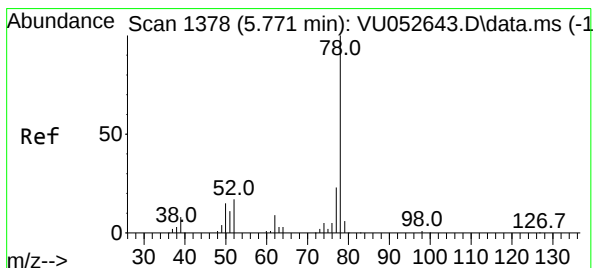
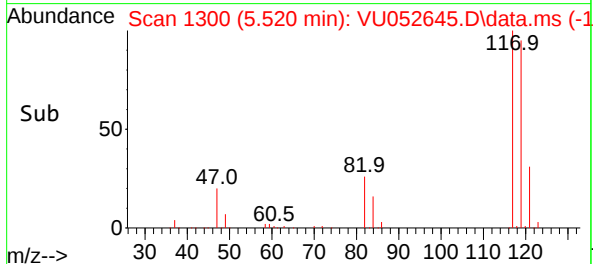
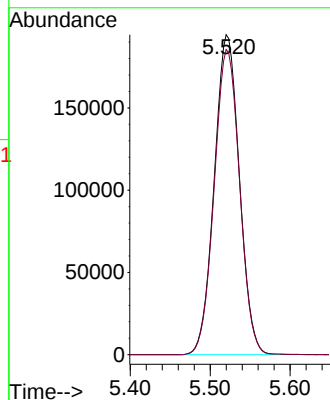
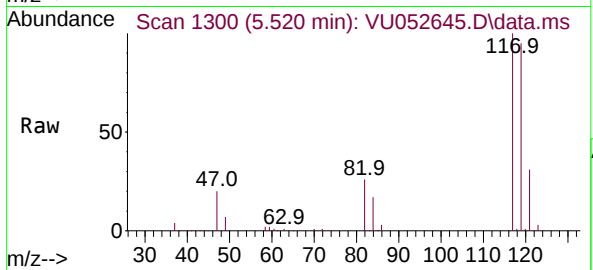




#31
Carbon tetrachloride
Concen: 21.809 ug/L
RT: 5.520 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU052645.D
Acq: 10 Jan 2023 15:21

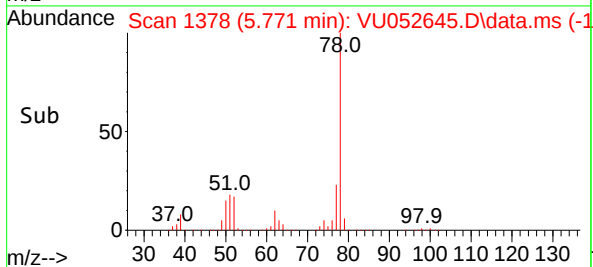
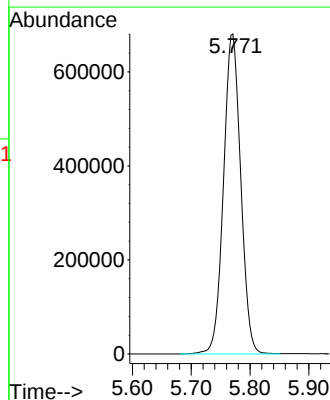
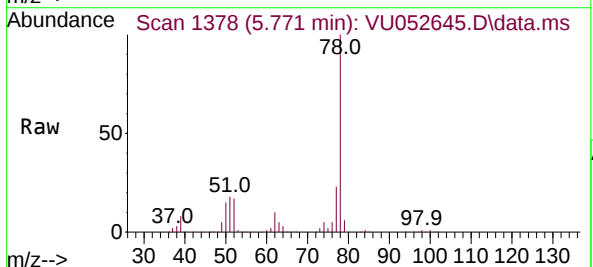
Instrument :
MSVOA_U
ClientSampleId :

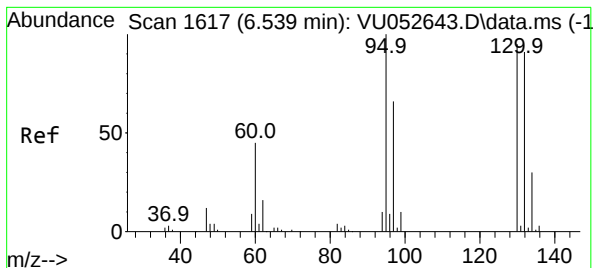
Tgt Ion:117 Resp: 424177
Ion Ratio Lower Upper
117 100
119 96.3 77.8 116.8



#33
Benzene
Concen: 21.836 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.000 min
Lab File: VU052645.D
Acq: 10 Jan 2023 15:21

Tgt Ion: 78 Resp: 1384205





#34

Trichloroethene

Concen: 21.919 ug/L

RT: 6.536 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU052645.D

Acq: 10 Jan 2023 15:21

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 323909

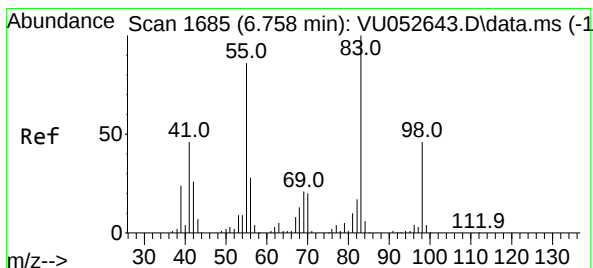
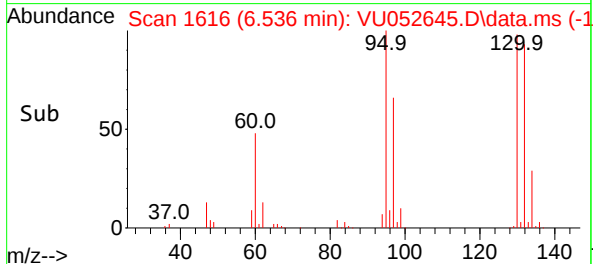
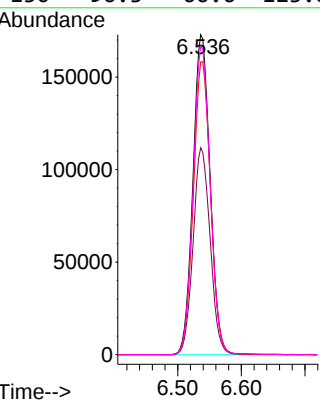
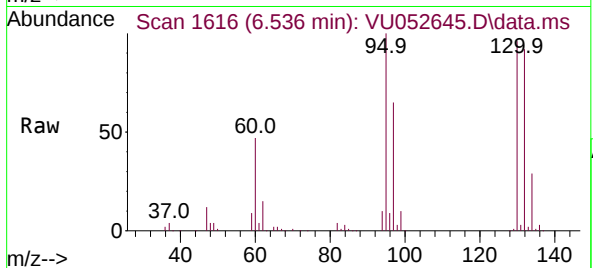
Ion Ratio Lower Upper

95 100

97 64.6 46.0 85.4

132 91.5 64.0 118.8

130 96.3 66.6 123.8



#35

Methylcyclohexane

Concen: 26.326 ug/L

RT: 6.758 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VU052645.D

Acq: 10 Jan 2023 15:21

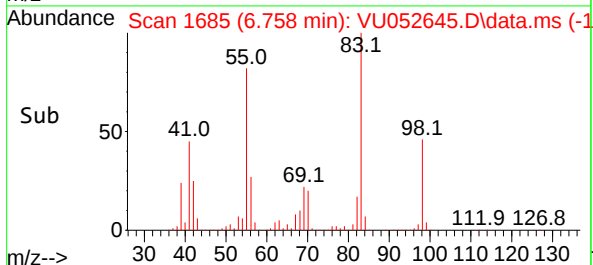
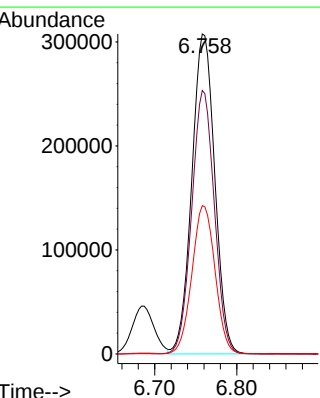
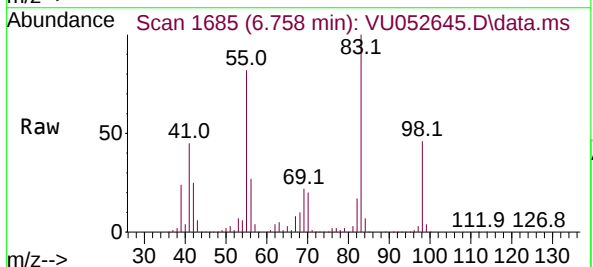
Tgt Ion: 83 Resp: 598141

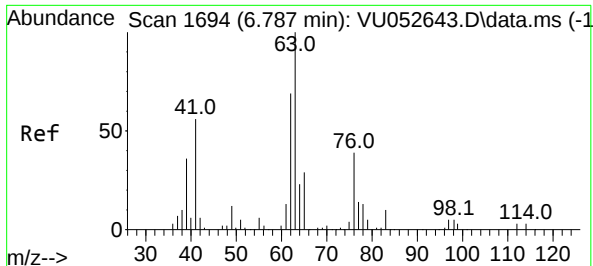
Ion Ratio Lower Upper

83 100

55 81.3 67.6 101.4

98 46.7 37.1 55.7





#37

1,2-Dichloropropane

Concen: 20.831 ug/L

RT: 6.787 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU052645.D

Acq: 10 Jan 2023 15:21

Instrument :

MSVOA_U

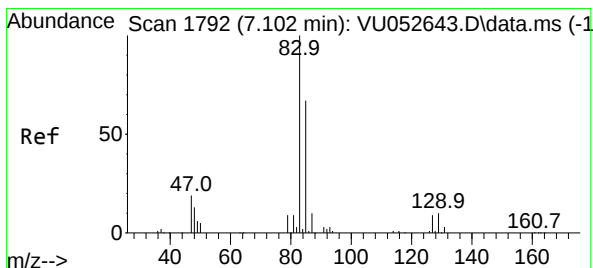
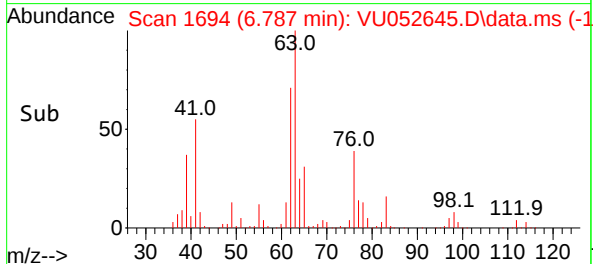
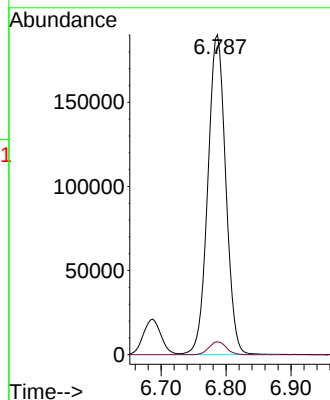
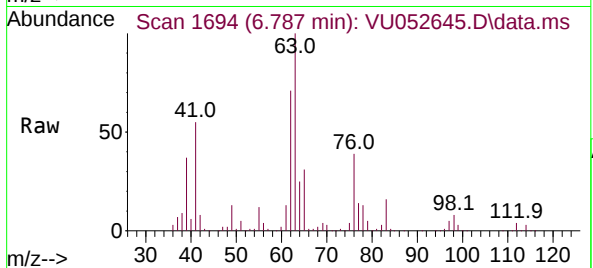
ClientSampleId :

Tgt Ion: 63 Resp: 364290

Ion Ratio Lower Upper

63 100

112 3.9 2.9 4.3



#38

Bromodichloromethane

Concen: 20.220 ug/L

RT: 7.102 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VU052645.D

Acq: 10 Jan 2023 15:21

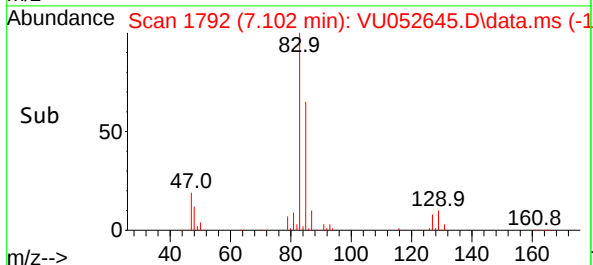
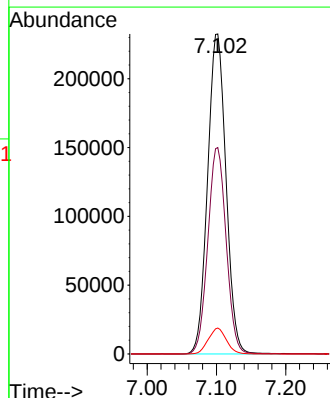
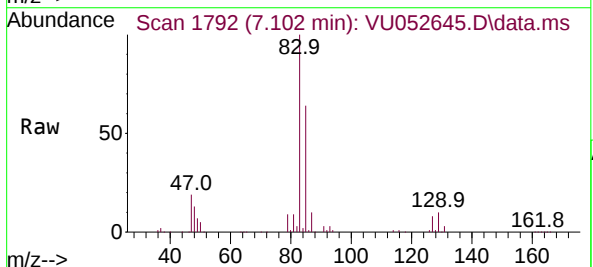
Tgt Ion: 83 Resp: 428589

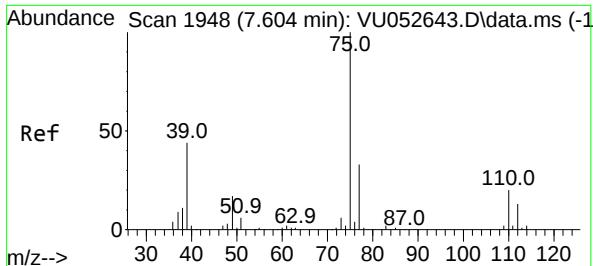
Ion Ratio Lower Upper

83 100

85 64.5 47.0 87.4

127 8.1 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 23.376 ug/L

RT: 7.603 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VU052645.D

Acq: 10 Jan 2023 15:21

Instrument :

MSVOA_U

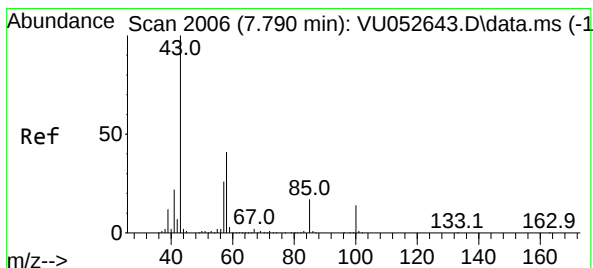
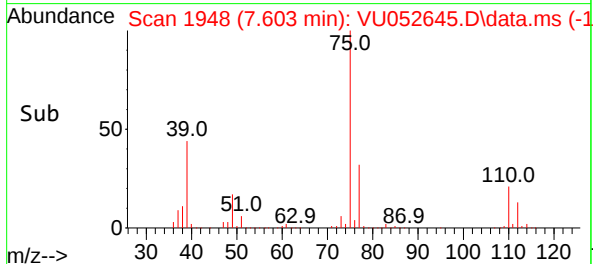
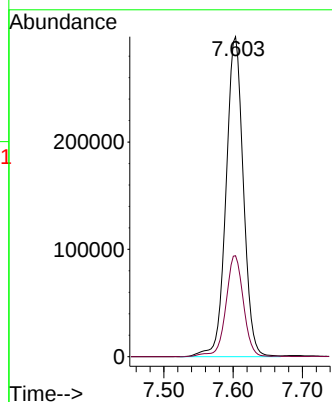
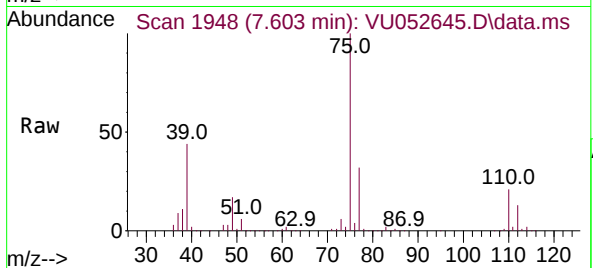
ClientSampleId :

Tgt Ion: 75 Resp: 518561

Ion Ratio Lower Upper

75 100

77 31.6 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 195.223 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VU052645.D

Acq: 10 Jan 2023 15:21

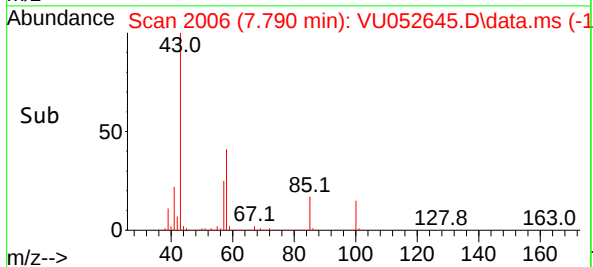
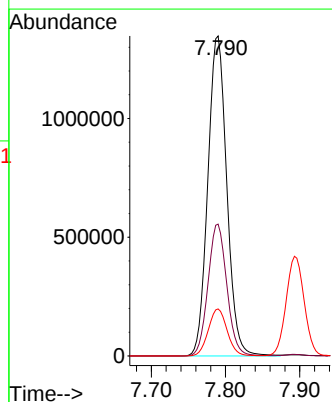
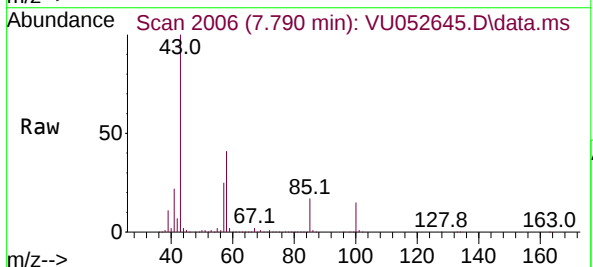
Tgt Ion: 43 Resp: 2387839

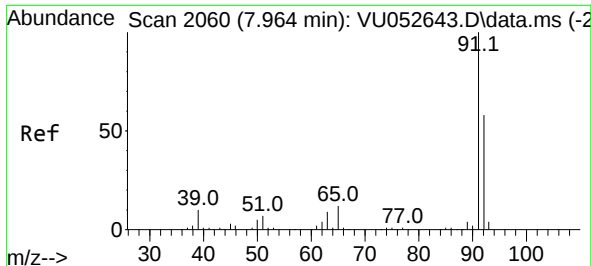
Ion Ratio Lower Upper

43 100

58 41.0 32.0 48.0

100 14.6 11.3 16.9





#42

Toluene

Concen: 23.346 ug/L

RT: 7.964 min Scan# 2060

Delta R.T. -0.000 min

Lab File: VU052645.D

Acq: 10 Jan 2023 15:21

Instrument :

MSVOA_U

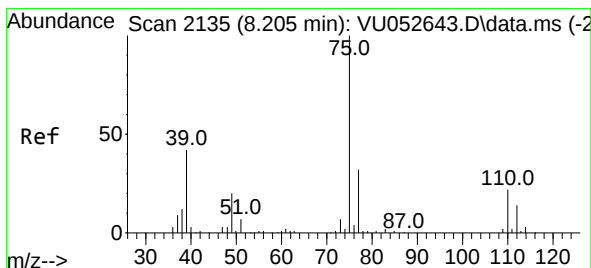
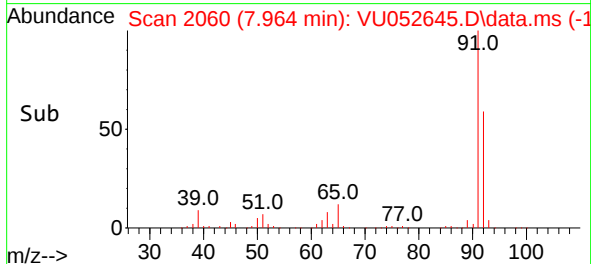
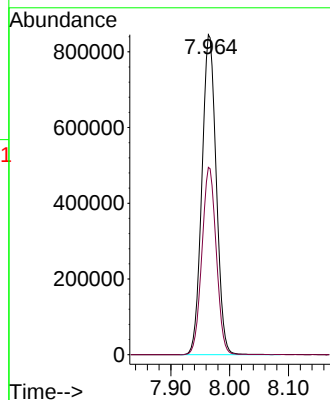
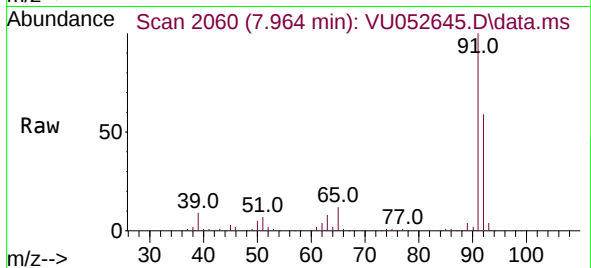
ClientSampleId :

Tgt Ion: 91 Resp: 1426333

Ion Ratio Lower Upper

91 100

92 58.6 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 22.375 ug/L

RT: 8.205 min Scan# 2135

Delta R.T. -0.000 min

Lab File: VU052645.D

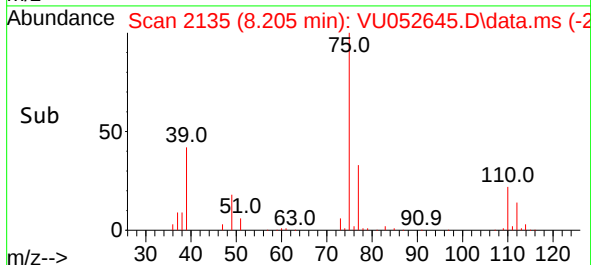
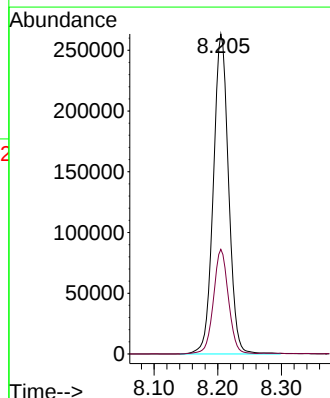
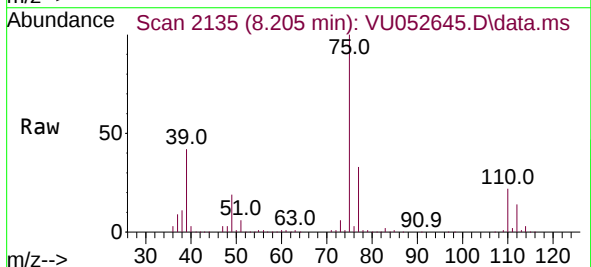
Acq: 10 Jan 2023 15:21

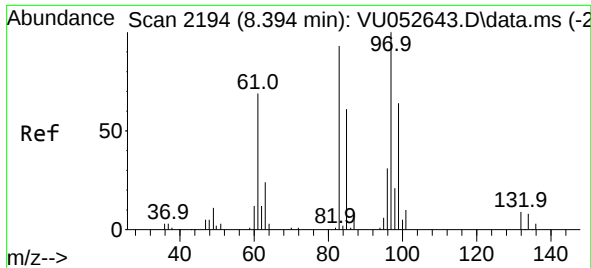
Tgt Ion: 75 Resp: 437627

Ion Ratio Lower Upper

75 100

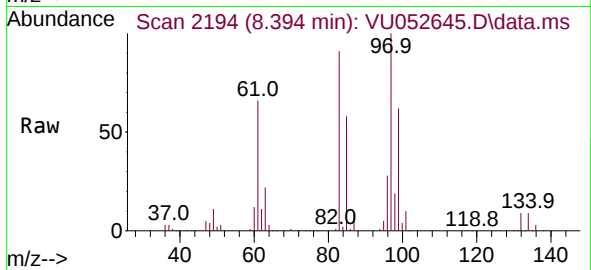
77 32.7 22.3 41.5





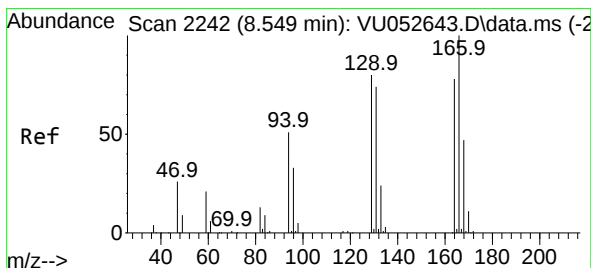
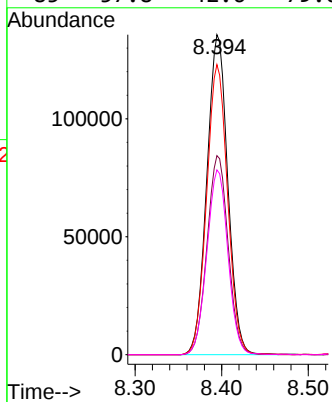
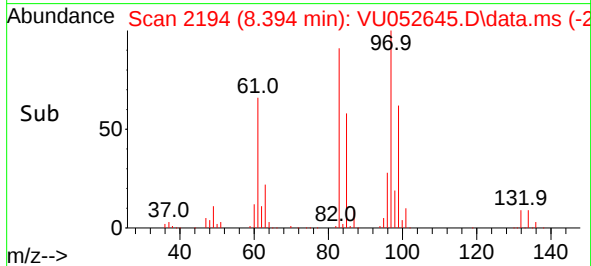
#45
1,1,2-Trichloroethane
Concen: 18.915 ug/L
RT: 8.394 min Scan# 2194
Delta R.T. -0.000 min
Lab File: VU052645.D
Acq: 10 Jan 2023 15:21

Instrument :
MSVOA_U
ClientSampleId :

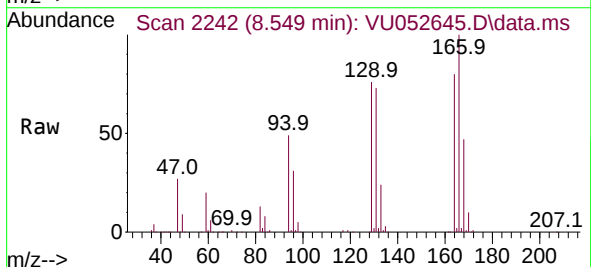


Tgt Ion: 97 Resp: 228558

Ion	Ratio	Lower	Upper
97	100		
99	62.2	44.8	83.2
83	90.7	65.3	121.3
85	57.8	42.6	79.0

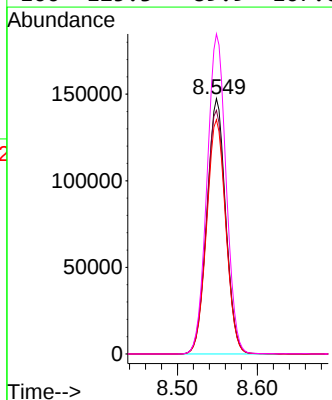
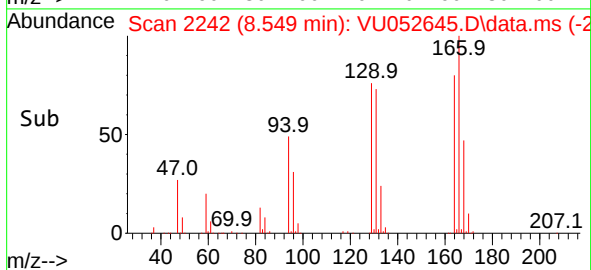


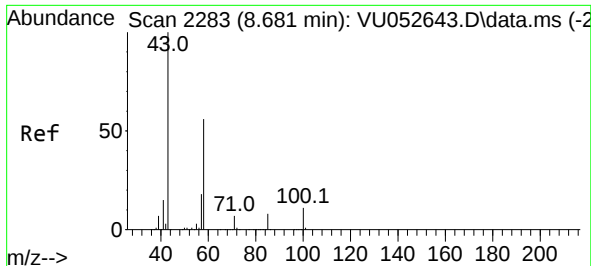
#47
Tetrachloroethene
Concen: 23.153 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VU052645.D
Acq: 10 Jan 2023 15:21



Tgt Ion: 164 Resp: 241090

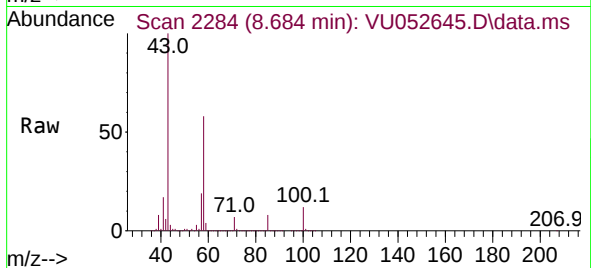
Ion	Ratio	Lower	Upper
164	100		
129	95.4	71.8	133.4
131	91.8	66.6	123.6
166	125.3	89.9	167.0





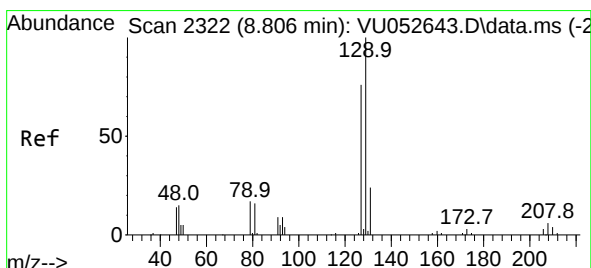
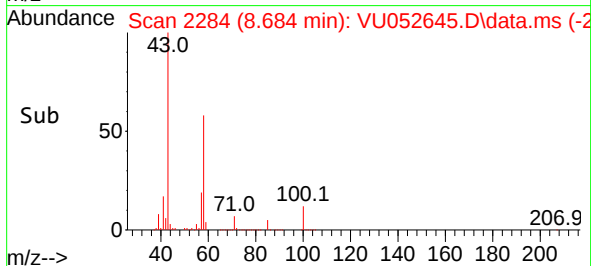
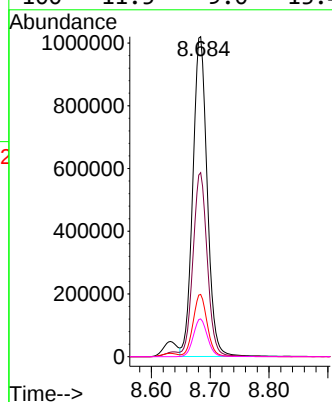
#48
2-Hexanone
Concen: 188.827 ug/L
RT: 8.684 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU052645.D
Acq: 10 Jan 2023 15:21

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 1731126

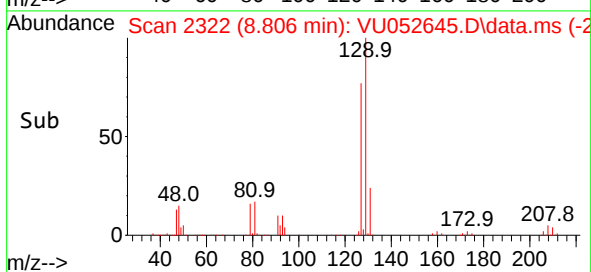
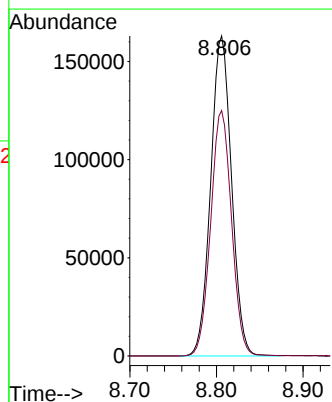
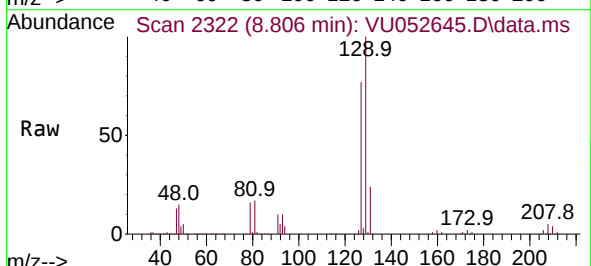
Ion	Ratio	Lower	Upper
43	100		
58	57.2	45.1	67.7
57	19.1	15.1	22.7
100	11.5	9.0	13.4

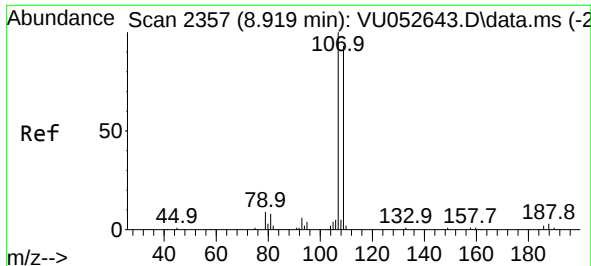


#49
Dibromochloromethane
Concen: 20.811 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VU052645.D
Acq: 10 Jan 2023 15:21

Tgt Ion: 129 Resp: 272758

Ion	Ratio	Lower	Upper
129	100		
127	76.7	53.5	99.5

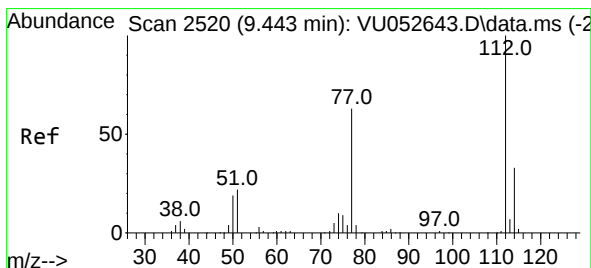
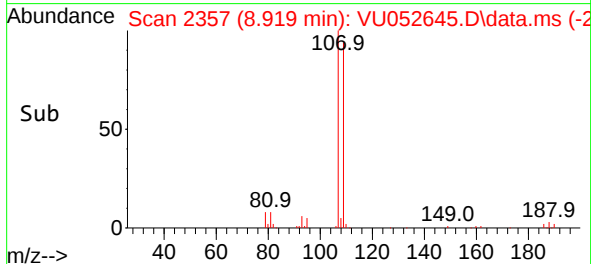
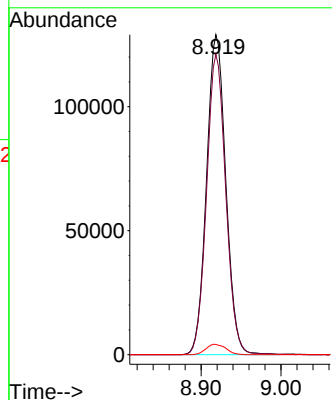
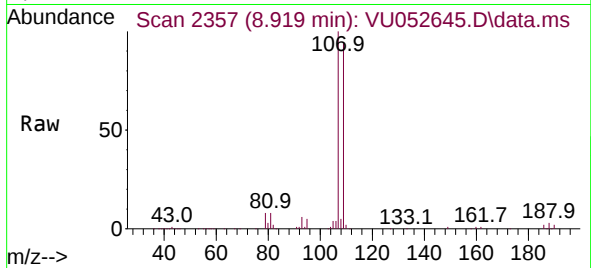




#50
1,2-Dibromoethane
Concen: 19.609 ug/L
RT: 8.919 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU052645.D
Acq: 10 Jan 2023 15:21

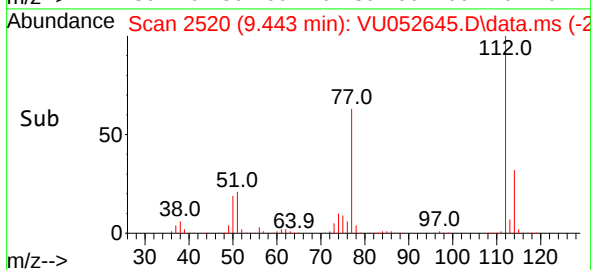
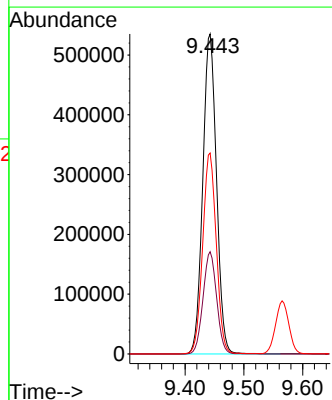
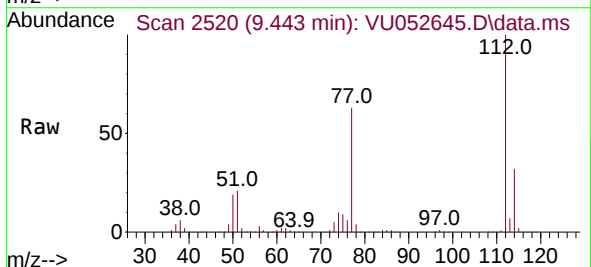
Instrument :
MSVOA_U
ClientSampleId :

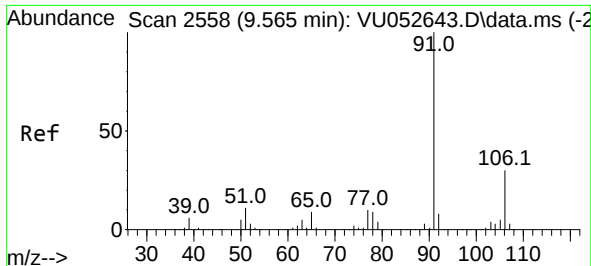
Tgt Ion:107 Resp: 216671
Ion Ratio Lower Upper
107 100
109 93.9 65.3 121.3
188 3.2 2.4 3.6



#51
Chlorobenzene
Concen: 22.400 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VU052645.D
Acq: 10 Jan 2023 15:21

Tgt Ion:112 Resp: 865480
Ion Ratio Lower Upper
112 100
114 32.0 22.8 42.4
77 62.8 50.2 75.4

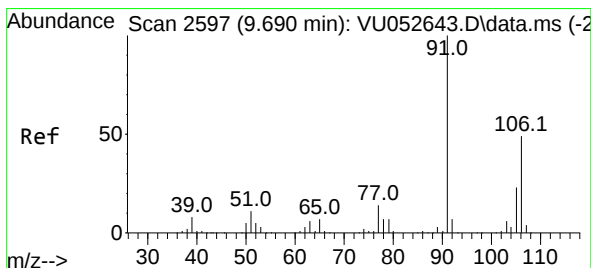
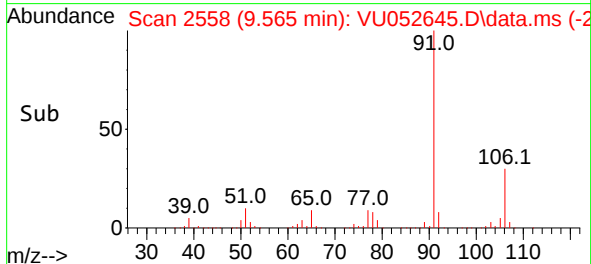
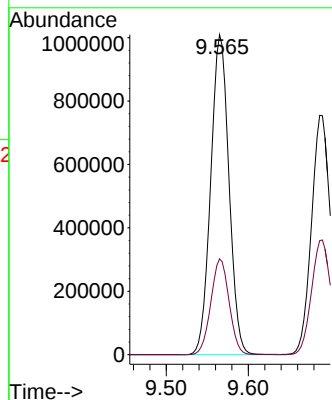
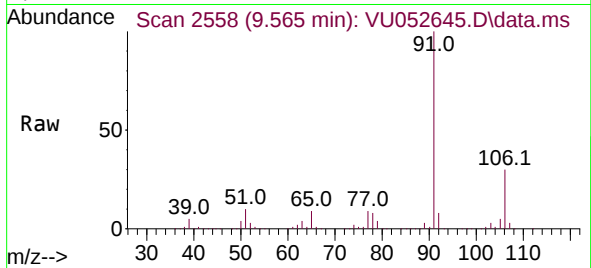




#52
Ethylbenzene
Concen: 24.748 ug/L
RT: 9.565 min Scan# 2558
Delta R.T. -0.000 min
Lab File: VU052645.D
Acq: 10 Jan 2023 15:21

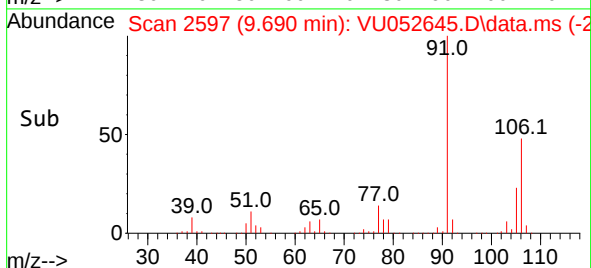
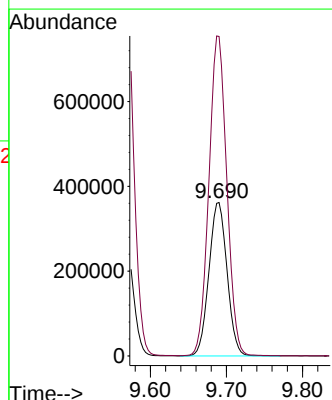
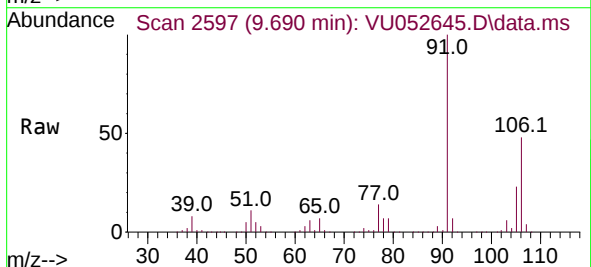
Instrument :
MSVOA_U
ClientSampleId :

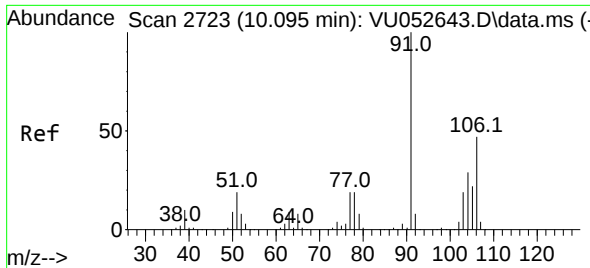
Tgt Ion: 91 Resp: 1561059
Ion Ratio Lower Upper
91 100
106 29.9 21.1 39.3



#53
m,p-Xylene
Concen: 25.473 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. -0.000 min
Lab File: VU052645.D
Acq: 10 Jan 2023 15:21

Tgt Ion: 106 Resp: 597615
Ion Ratio Lower Upper
106 100
91 208.2 144.3 267.9

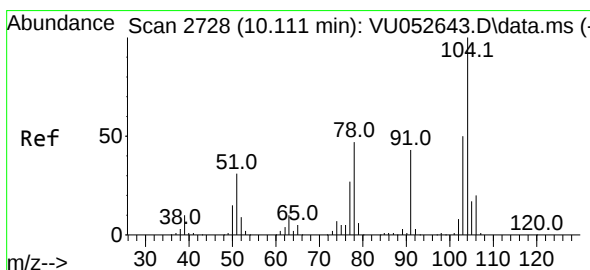
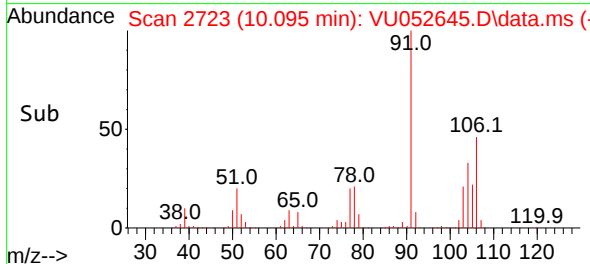
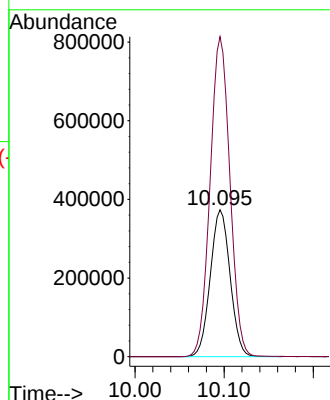
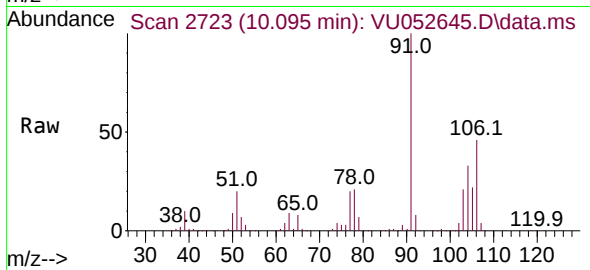




#54
o-Xylene
Concen: 25.641 ug/L
RT: 10.095 min Scan# 2723
Delta R.T. -0.000 min
Lab File: VU052645.D
Acq: 10 Jan 2023 15:21

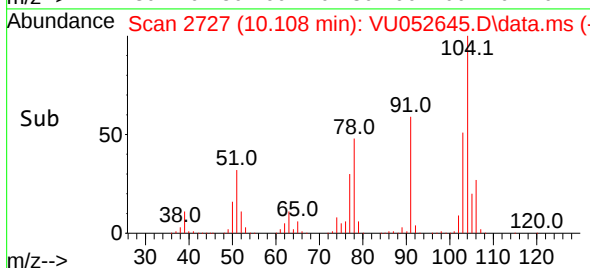
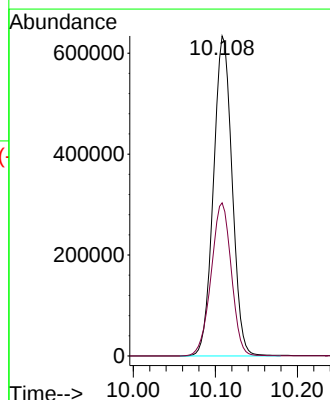
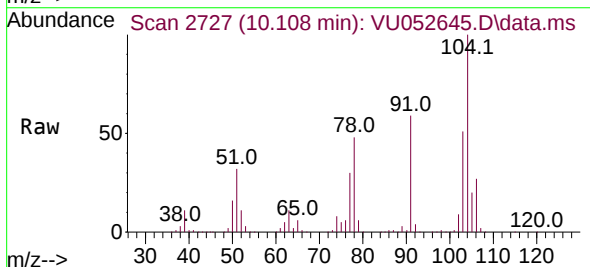
Instrument :
MSVOA_U
ClientSampleId :

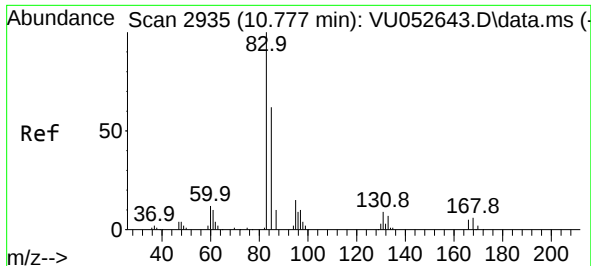
Tgt Ion:106 Resp: 576554
Ion Ratio Lower Upper
106 100
91 217.8 148.7 276.1



#55
Styrene
Concen: 25.727 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. -0.003 min
Lab File: VU052645.D
Acq: 10 Jan 2023 15:21

Tgt Ion:104 Resp: 1003271
Ion Ratio Lower Upper
104 100
78 47.9 32.8 60.8

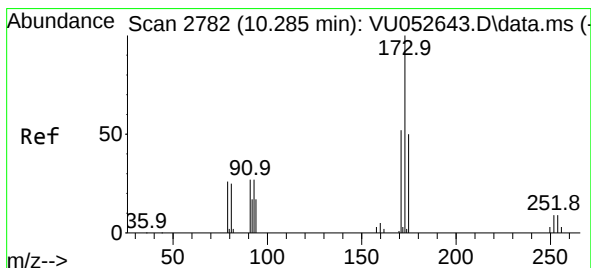
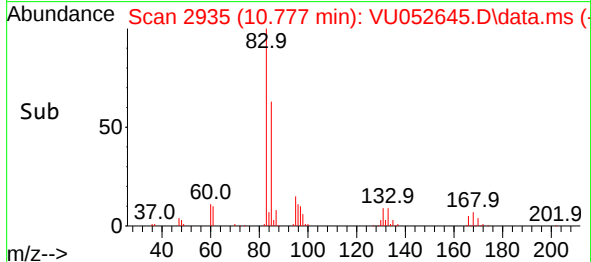
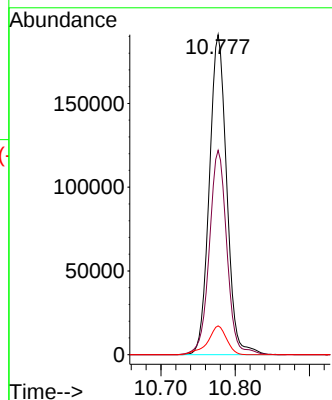
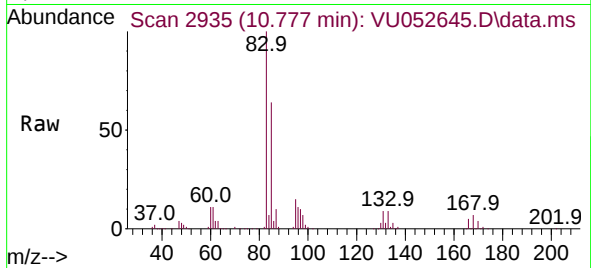




#57
 1,1,2,2-Tetrachloroethane
 Concen: 18.554 ug/L
 RT: 10.777 min Scan# 2935
 Delta R.T. -0.000 min
 Lab File: VU052645.D
 Acq: 10 Jan 2023 15:21

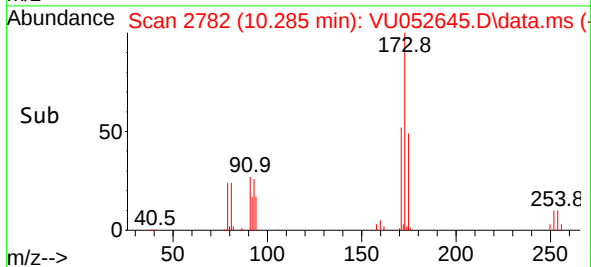
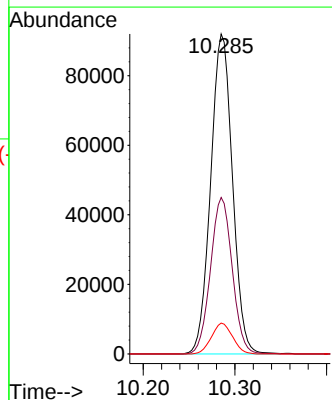
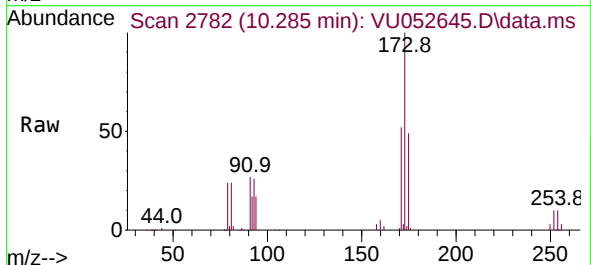
Instrument :
 MSVOA_U
 ClientSampleId :

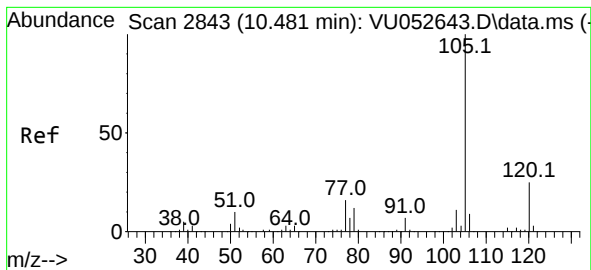
Tgt Ion: 83 Resp: 309562
 Ion Ratio Lower Upper
 83 100
 85 63.8 43.7 81.1
 131 9.0 7.0 10.6



#59
 Bromoform
 Concen: 17.912 ug/L
 RT: 10.285 min Scan# 2782
 Delta R.T. -0.000 min
 Lab File: VU052645.D
 Acq: 10 Jan 2023 15:21

Tgt Ion: 173 Resp: 151992
 Ion Ratio Lower Upper
 173 100
 175 48.7 38.2 57.4
 254 9.3 7.3 10.9





#60

Isopropylbenzene

Concen: 23.884 ug/L

RT: 10.478 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU052645.D

Acq: 10 Jan 2023 15:21

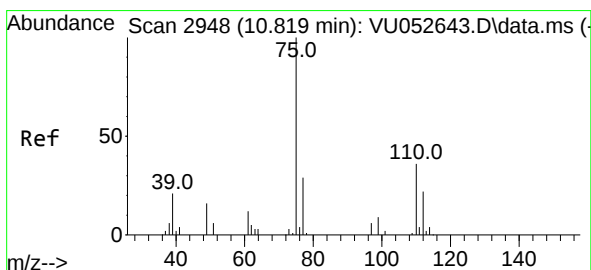
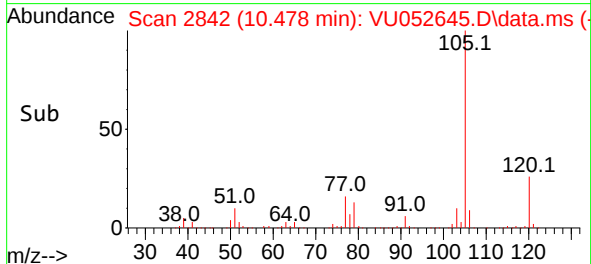
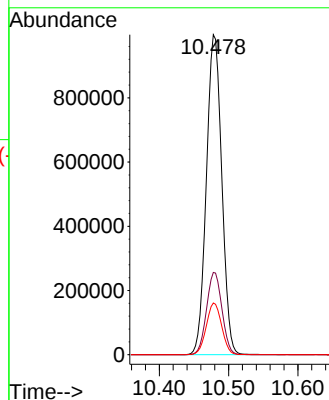
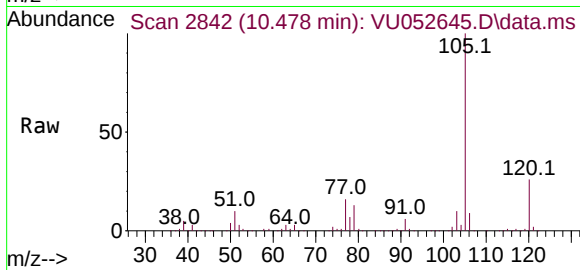
Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:105 Resp: 1533334

Ion	Ratio	Lower	Upper
105	100		
120	25.7	20.4	30.6
77	16.1	13.2	19.8



#61

1,2,3-Trichloropropane

Concen: 16.124 ug/L

RT: 10.816 min Scan# 2947

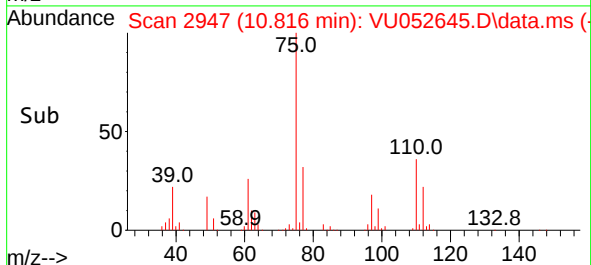
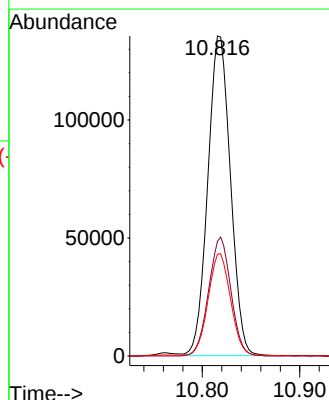
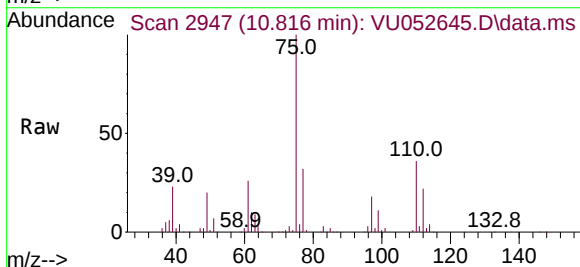
Delta R.T. -0.003 min

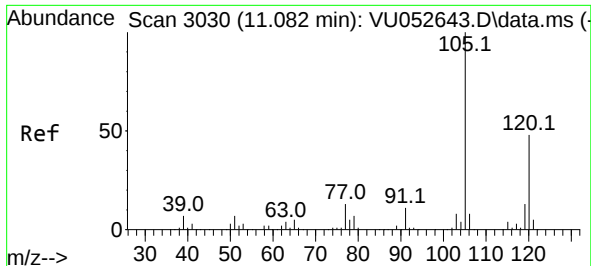
Lab File: VU052645.D

Acq: 10 Jan 2023 15:21

Tgt Ion: 75 Resp: 218958

Ion	Ratio	Lower	Upper
75	100		
110	36.4	27.2	40.8
77	31.7	24.0	36.0





#62

1,3,5-Trimethylbenzene

Concen: 24.868 ug/L

RT: 11.082 min Scan# 3030

Delta R.T. -0.000 min

Lab File: VU052645.D

Acq: 10 Jan 2023 15:21

Instrument :

MSVOA_U

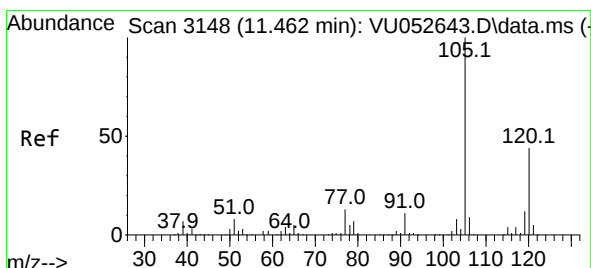
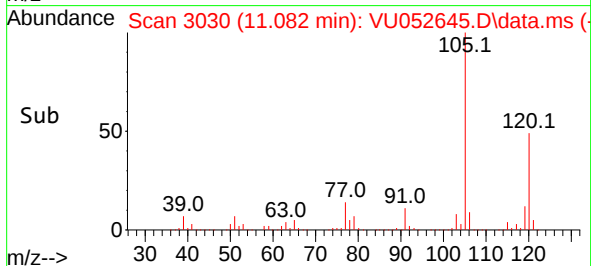
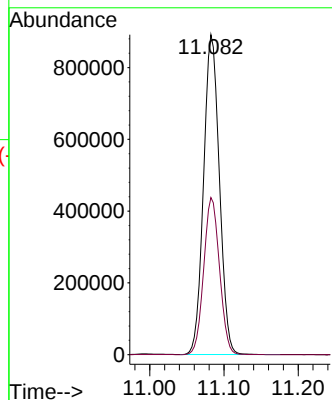
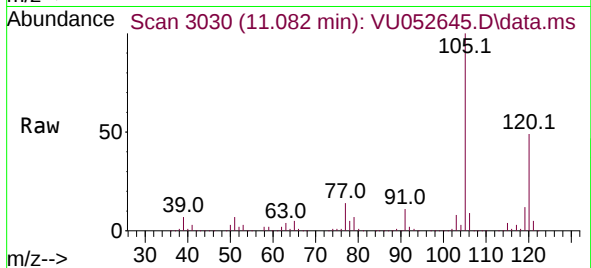
ClientSampleId :

Tgt Ion:105 Resp: 1315242

Ion Ratio Lower Upper

105 100

120 49.1 39.0 58.6



#63

1,2,4-Trimethylbenzene

Concen: 24.948 ug/L

RT: 11.462 min Scan# 3148

Delta R.T. -0.000 min

Lab File: VU052645.D

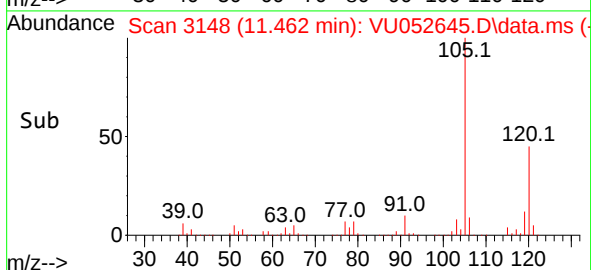
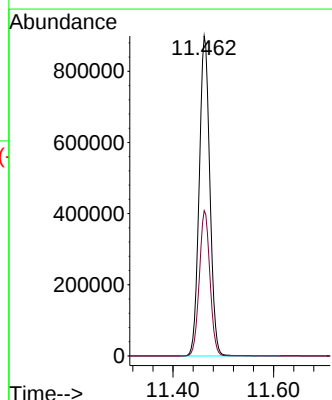
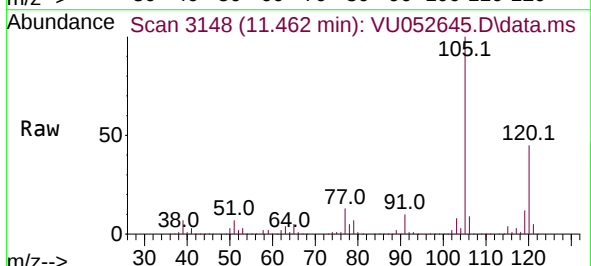
Acq: 10 Jan 2023 15:21

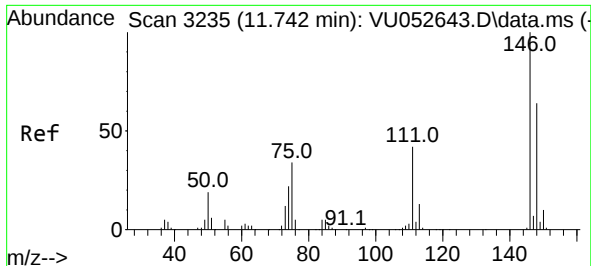
Tgt Ion:105 Resp: 1321808

Ion Ratio Lower Upper

105 100

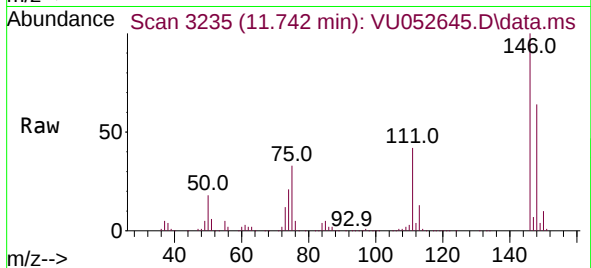
120 45.3 35.9 53.9



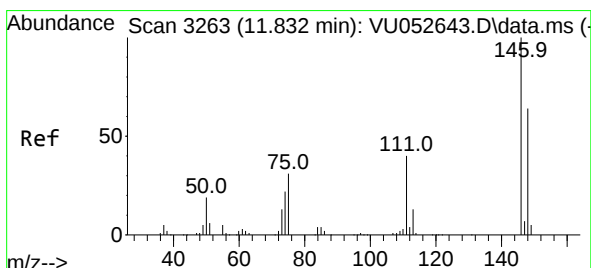
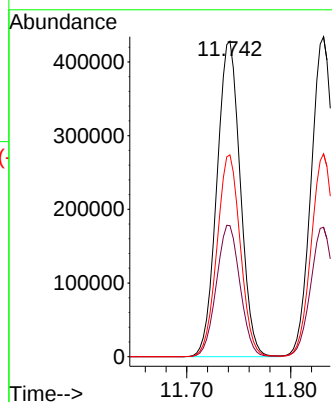
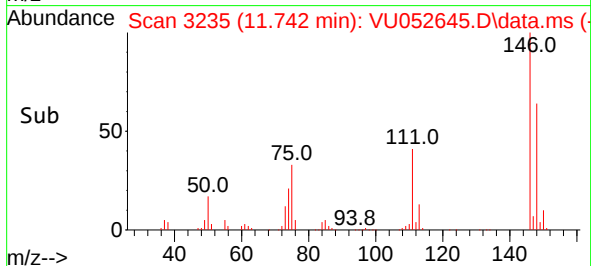


#64
1,3-Dichlorobenzene
Concen: 21.199 ug/L
RT: 11.742 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU052645.D
Acq: 10 Jan 2023 15:21

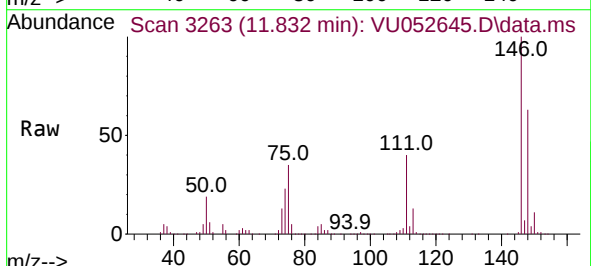
Instrument :
MSVOA_U
ClientSampleId :



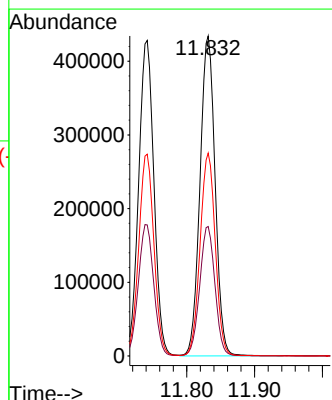
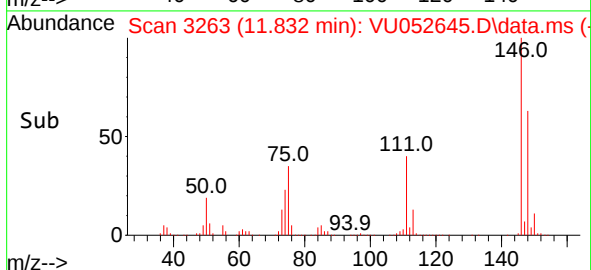
Tgt Ion:146 Resp: 670899
Ion Ratio Lower Upper
146 100
111 41.5 29.4 54.6
148 63.9 44.5 82.7

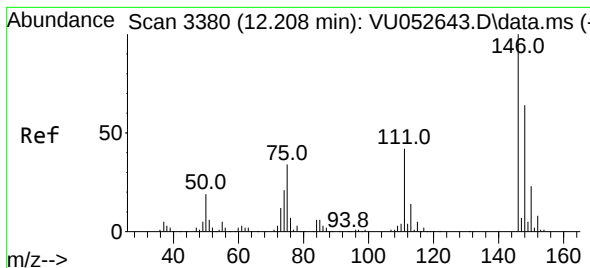


#65
1,4-Dichlorobenzene
Concen: 20.578 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. -0.000 min
Lab File: VU052645.D
Acq: 10 Jan 2023 15:21



Tgt Ion:146 Resp: 671534
Ion Ratio Lower Upper
146 100
111 40.5 28.1 52.3
148 63.4 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 20.057 ug/L

RT: 12.208 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU052645.D

Acq: 10 Jan 2023 15:21

Instrument :

MSVOA_U

ClientSampleId :

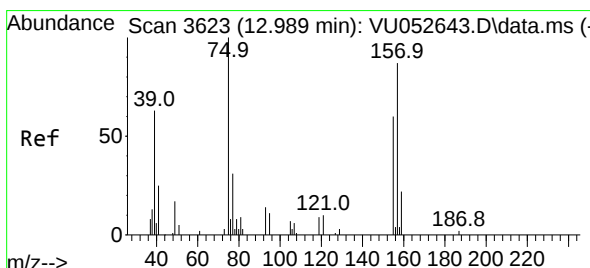
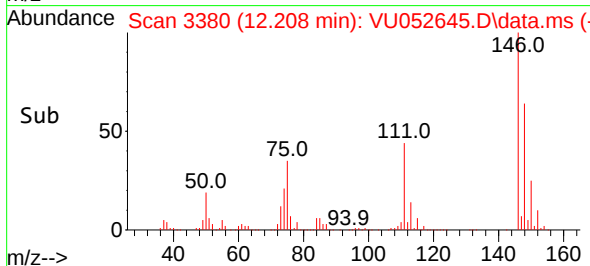
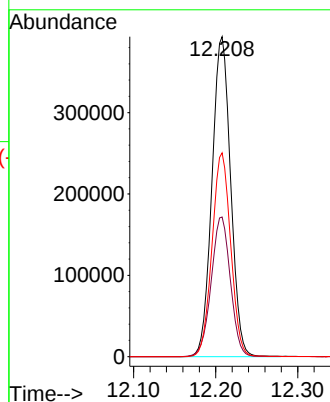
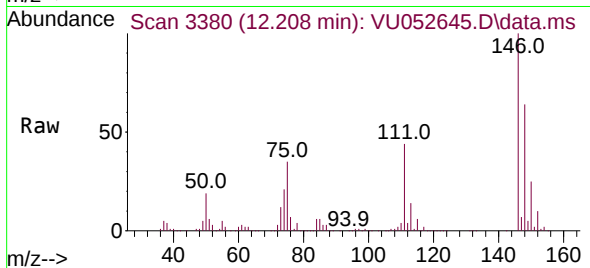
Tgt Ion:146 Resp: 623055

Ion Ratio Lower Upper

146 100

111 43.7 33.8 50.6

148 63.7 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 17.336 ug/L

RT: 12.989 min Scan# 3623

Delta R.T. -0.000 min

Lab File: VU052645.D

Acq: 10 Jan 2023 15:21

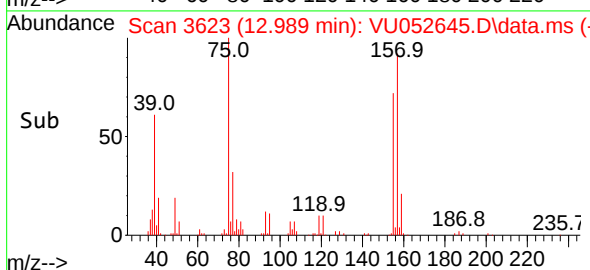
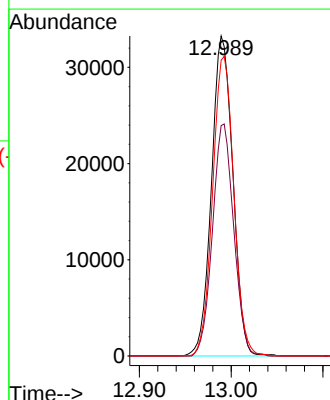
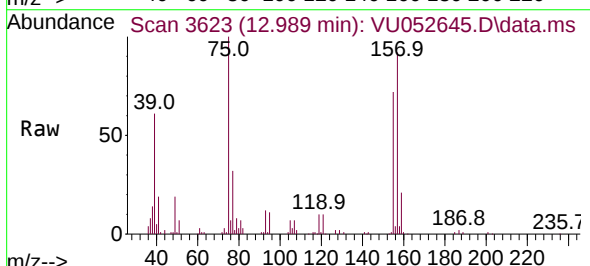
Tgt Ion: 75 Resp: 53746

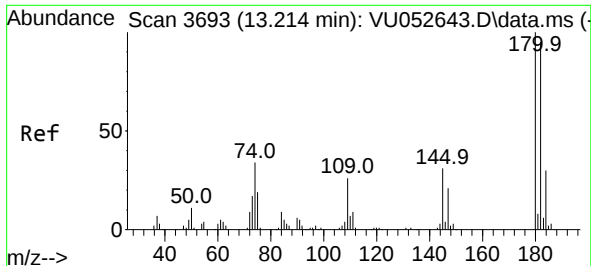
Ion Ratio Lower Upper

75 100

155 72.0 48.0 72.0#

157 92.5 69.3 103.9





#69

1,3,5-Trichlorobenzene

Concen: 21.824 ug/L

RT: 13.214 min Scan# 3693

Delta R.T. -0.000 min

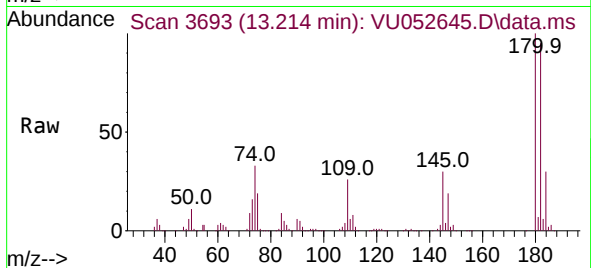
Lab File: VU052645.D

Acq: 10 Jan 2023 15:21

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 504954

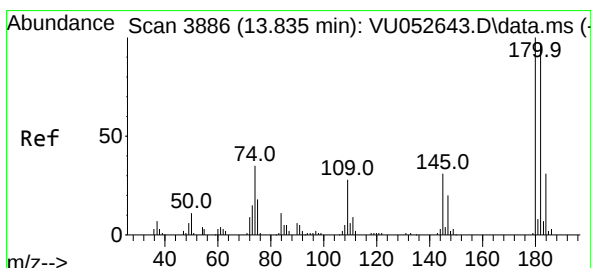
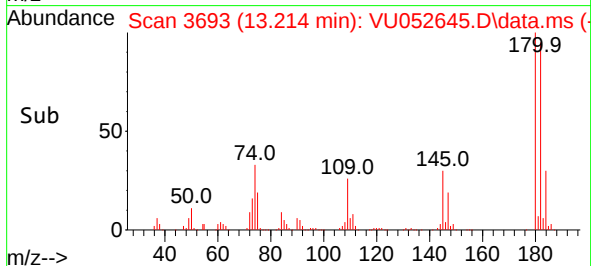
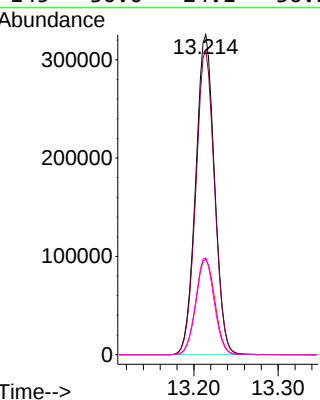
Ion Ratio Lower Upper

180 100

182 95.0 75.1 112.7

184 30.2 23.6 35.4

145 30.0 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 22.134 ug/L

RT: 13.835 min Scan# 3886

Delta R.T. -0.000 min

Lab File: VU052645.D

Acq: 10 Jan 2023 15:21

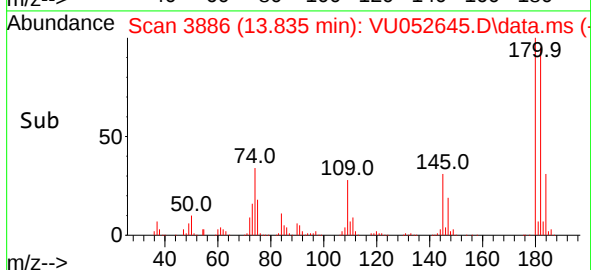
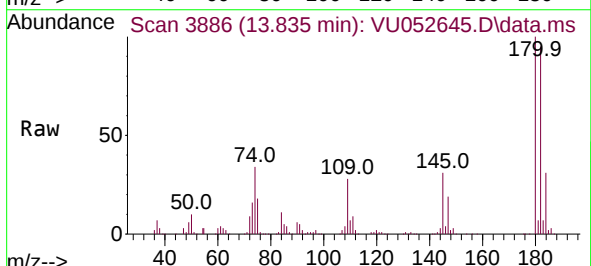
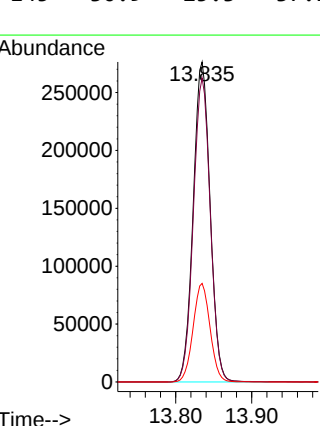
Tgt Ion:180 Resp: 427654

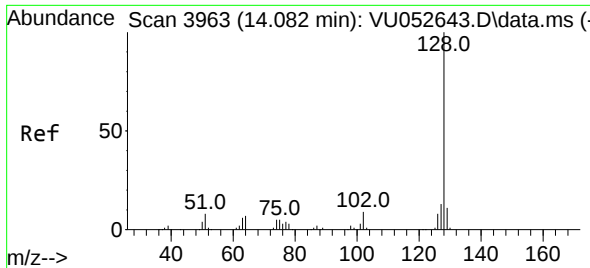
Ion Ratio Lower Upper

180 100

182 95.0 77.5 116.3

145 30.9 25.3 37.9

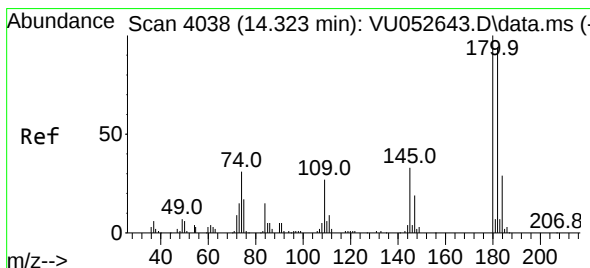
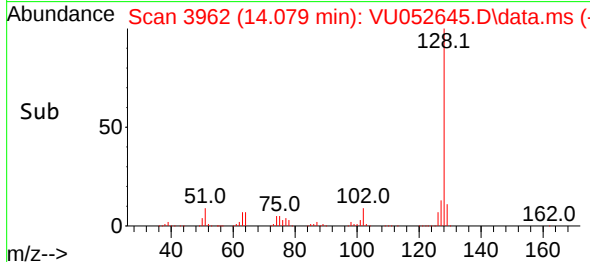
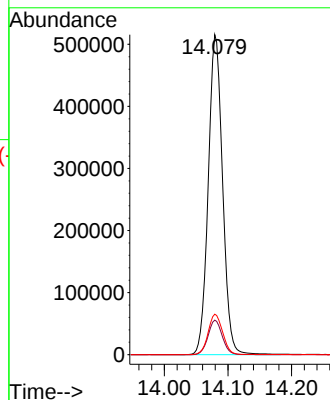
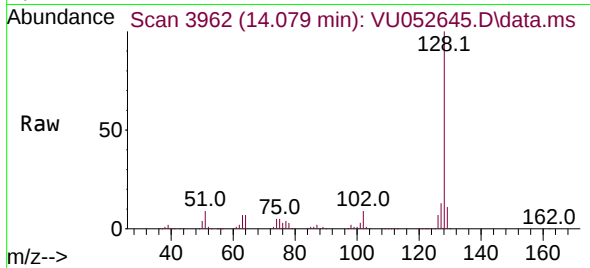




#71
Naphthalene
Concen: 21.081 ug/L
RT: 14.079 min Scan# 3963
Delta R.T. -0.003 min
Lab File: VU052645.D
Acq: 10 Jan 2023 15:21

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 807781
Ion Ratio Lower Upper
128 100
129 10.7 8.3 12.5
127 12.9 10.8 16.2



#72
1,2,3-Trichlorobenzene
Concen: 20.308 ug/L
RT: 14.323 min Scan# 4038
Delta R.T. -0.000 min
Lab File: VU052645.D
Acq: 10 Jan 2023 15:21

Tgt Ion:180 Resp: 386956
Ion Ratio Lower Upper
180 100
182 94.6 75.8 113.6
145 32.5 26.5 39.7

