

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011023\
 Data File : VU052643.D
 Acq On : 10 Jan 2023 14:36
 Operator : JC/MD
 Sample : VSTD00503
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 11 00:42:22 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	6.247	114	153207	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	149805	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	82893	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	73764	4.809	ug/L	0.00
7) Chloroethane-d5	1.916	69	59660	4.545	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	65	32206	4.857	ug/L	0.00
20) 2-Butanone-d5	4.639	46	202278	43.065	ug/L	0.00
24) Chloroform-d	5.060	84	138043	5.209	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.697	65	71954	4.754	ug/L	0.00
32) Benzene-d6	5.723	84	271427	5.225	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.687	67	87619	4.942	ug/L	0.00
41) Toluene-d8	7.893	98	246766	5.622	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.176	79	33771	5.473	ug/L	0.00
46) 2-Hexanone-d5	8.629	63	143015	44.341	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.751	84	68261	4.603	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.189	152	80762	4.802	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	88339	6.225	ug/L	100
3) Chloromethane	1.520	50	103253	5.199	ug/L	100
5) Vinyl chloride	1.604	62	98684	5.496	ug/L	100
6) Bromomethane	1.858	94	52665	5.160	ug/L	100
8) Chloroethane	1.935	64	60738	4.968	ug/L	100
9) Trichlorofluoromethane	2.141	101	122614	5.899	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	70628	5.768	ug/L	100
12) 1,1-Dichloroethene	2.581	96	67627	5.744	ug/L	100
13) Acetone	2.662	43	131418	38.709	ug/L	100
14) Carbon disulfide	2.793	76	242614	6.263	ug/L	100
15) Methyl Acetate	2.957	43	33949	4.421	ug/L	100
16) Methylene chloride	3.044	84	93470	5.539	ug/L	100
17) Methyl tert-butyl Ether	3.359	73	158020	5.136	ug/L	100
18) trans-1,2-Dichloroethene	3.353	96	71612	5.887	ug/L	100
19) 1,1-Dichloroethane	3.864	63	146880	5.611	ug/L	100
21) 2-Butanone	4.716	43	230486	45.405	ug/L	100
22) cis-1,2-Dichloroethene	4.662	96	76303	5.734	ug/L	100
23) Bromochloromethane	4.973	128	32997	5.454	ug/L	100
25) Chloroform	5.083	83	141923	5.563	ug/L	100
27) 1,2-Dichloroethane	5.790	62	89032	5.179	ug/L	100
29) 1,1,1-Trichloroethane	5.311	97	117654	6.015	ug/L	100
30) Cyclohexane	5.385	56	130091	6.148	ug/L	100
31) Carbon tetrachloride	5.523	117	98757	5.804	ug/L	100
33) Benzene	5.771	78	326010	5.878	ug/L	100
34) Trichloroethene	6.539	95	73953	5.720	ug/L	100
35) Methylcyclohexane	6.758	83	126500	6.364	ug/L	100
37) 1,2-Dichloropropane	6.787	63	86215	5.635	ug/L	100
38) Bromodichloromethane	7.102	83	99893	5.387	ug/L	100
39) cis-1,3-Dichloropropene	7.604	75	107921	5.561	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	516722	48.289	ug/L	100
42) Toluene	7.964	91	332453	6.220	ug/L	100
44) trans-1,3-Dichloropropene	8.205	75	95618	5.588	ug/L	100

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

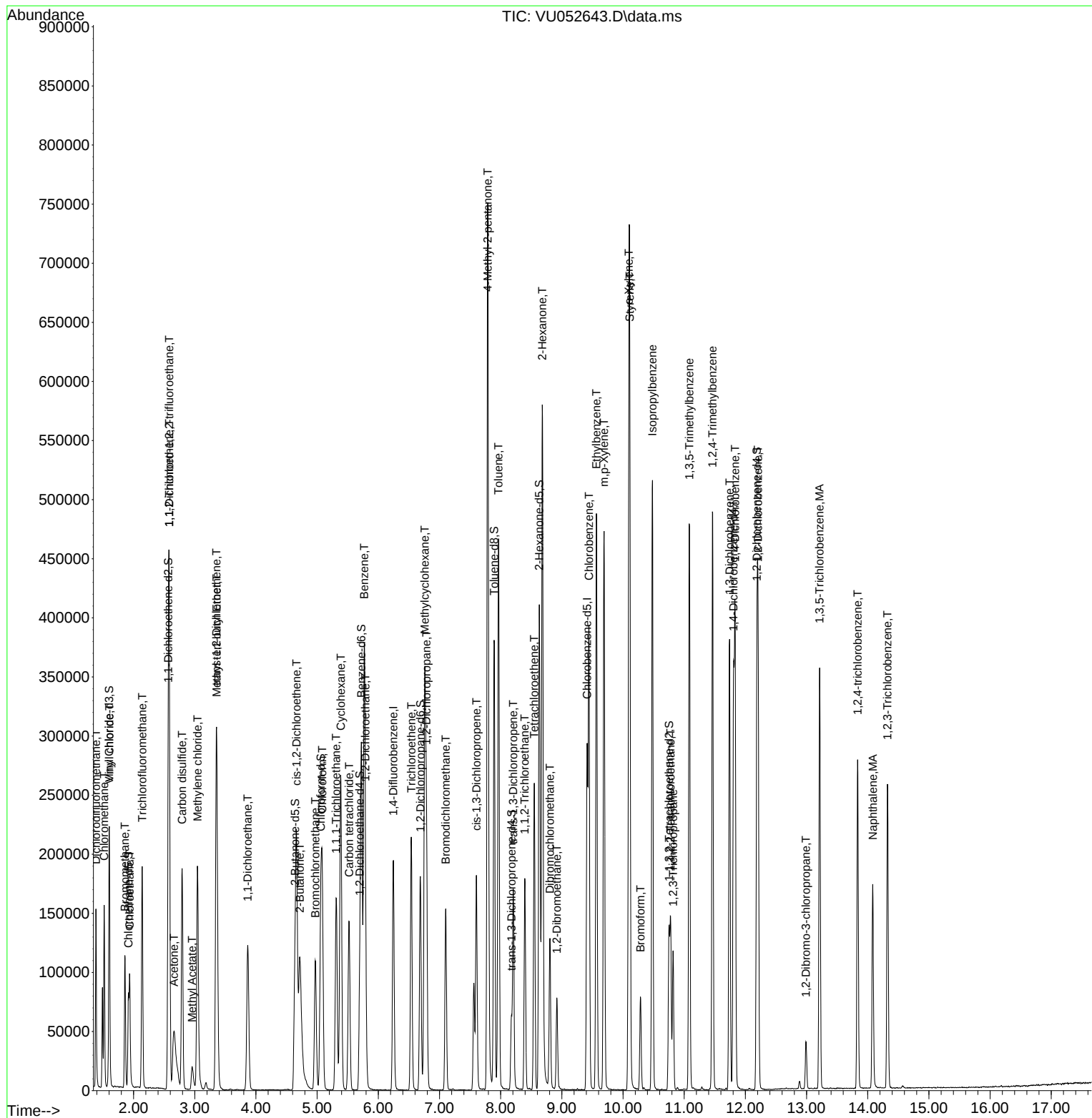
45) 1,1,2-Trichloroethane	8.394	97	52673	4.983	ug/L	100
47) Tetrachloroethene	8.549	164	54683	6.003	ug/L	100
48) 2-Hexanone	8.681	43	381958	47.623	ug/L	100
49) Dibromochloromethane	8.806	129	63690	5.554	ug/L	100
50) 1,2-Dibromoethane	8.919	107	50302	5.204	ug/L	100
51) Chlorobenzene	9.443	112	195231	5.776	ug/L	100
52) Ethylbenzene	9.565	91	329463	5.970	ug/L	100
53) m,p-Xylene	9.690	106	128766	6.274	ug/L	100
54) o-Xylene	10.095	106	124356	6.322	ug/L	100
55) Styrene	10.111	104	217090	6.363	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.777	83	71758	4.916	ug/L	100
59) Bromoform	10.285	173	34528	4.782	ug/L	100
60) Isopropylbenzene	10.481	105	321023	5.876	ug/L	100
61) 1,2,3-Trichloropropane	10.819	75	51328	4.442	ug/L	100
62) 1,3,5-Trimethylbenzene	11.082	105	255492	5.677	ug/L	100
63) 1,2,4-Trimethylbenzene	11.462	105	258789	5.740	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	149732	5.560	ug/L	100
65) 1,4-Dichlorobenzene	11.832	146	149250	5.375	ug/L	100
67) 1,2-Dichlorobenzene	12.208	146	139076	5.261	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.989	75	11352	4.303	ug/L	100
69) 1,3,5-Trichlorobenzene	13.214	180	104544	5.310	ug/L	100
70) 1,2,4-trichlorobenzene	13.835	180	81877	4.980	ug/L	100
71) Naphthalene	14.082	128	139263	4.271	ug/L	100
72) 1,2,3-Trichlorobenzene	14.323	180	75544	4.659	ug/L	100

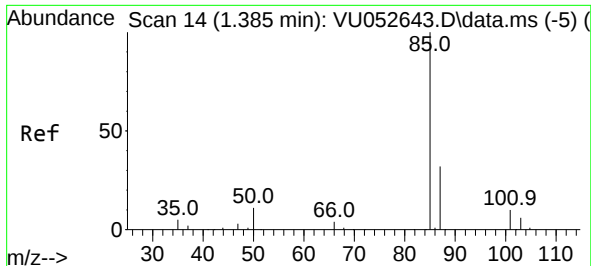
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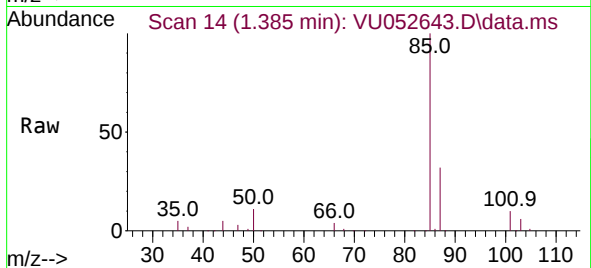
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
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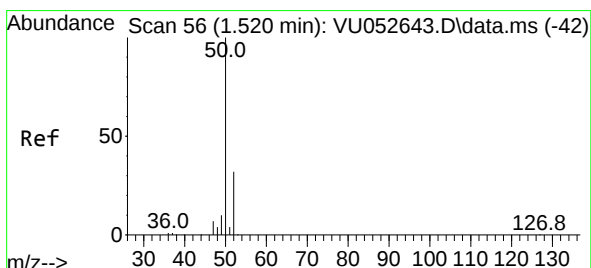
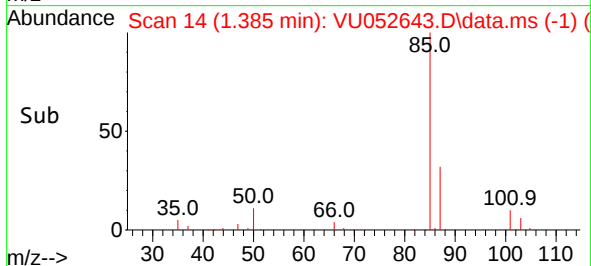
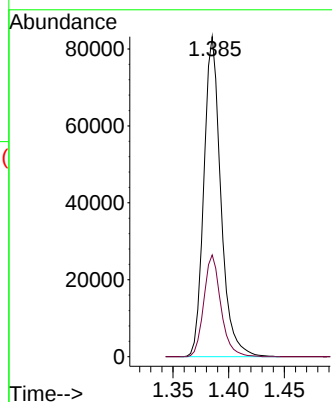


#2
 Dichlorodifluoromethane
 Concen: 6.225 ug/L
 RT: 1.385 min Scan# 14
 Delta R.T. 0.000 min
 Lab File: VU052643.D
 Acq: 10 Jan 2023 14:36

Instrument :
 MSVOA_U
 ClientSampleId :

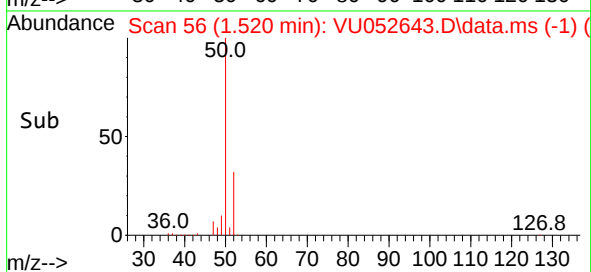
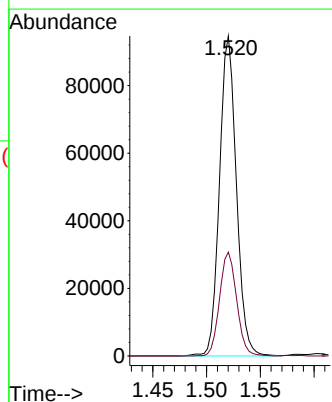
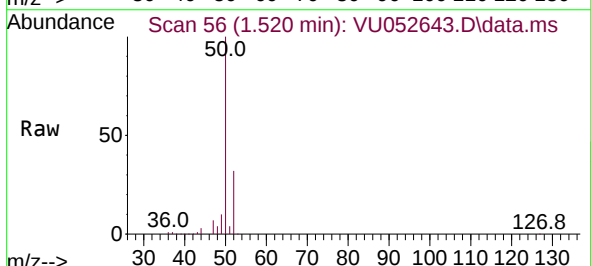


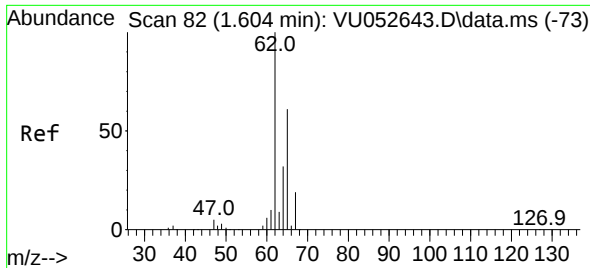
Tgt Ion: 85 Resp: 88339
 Ion Ratio Lower Upper
 85 100
 87 31.9 25.5 38.3



#3
 Chloromethane
 Concen: 5.199 ug/L
 RT: 1.520 min Scan# 56
 Delta R.T. 0.000 min
 Lab File: VU052643.D
 Acq: 10 Jan 2023 14:36

Tgt Ion: 50 Resp: 103253
 Ion Ratio Lower Upper
 50 100
 52 32.5 22.7 42.3

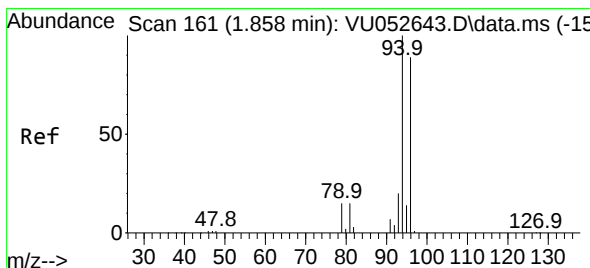
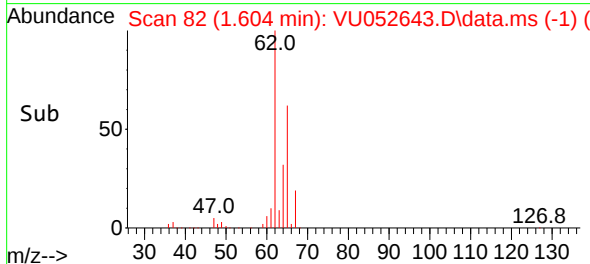
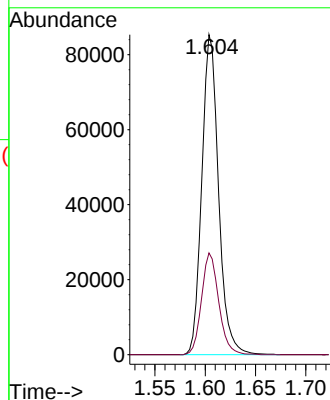
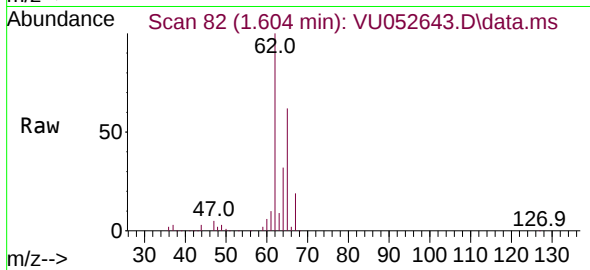




#5
 Vinyl chloride
 Concen: 5.496 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. 0.000 min
 Lab File: VU052643.D
 Acq: 10 Jan 2023 14:36

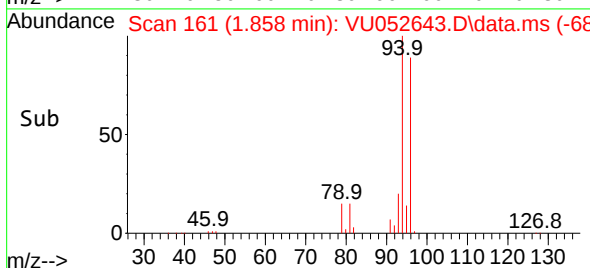
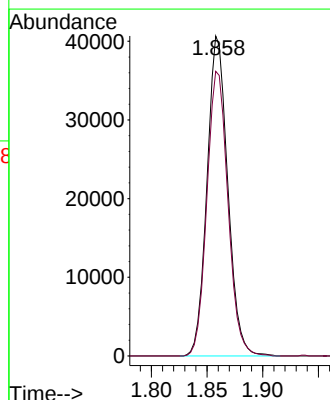
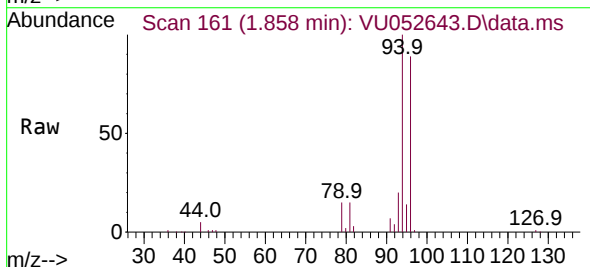
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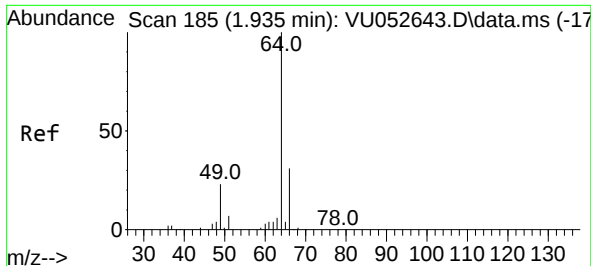
Tgt Ion: 62 Resp: 98684
 Ion Ratio Lower Upper
 62 100
 64 31.8 22.3 41.3



#6
 Bromomethane
 Concen: 5.160 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. 0.000 min
 Lab File: VU052643.D
 Acq: 10 Jan 2023 14:36

Tgt Ion: 94 Resp: 52665
 Ion Ratio Lower Upper
 94 100
 96 88.9 62.2 115.6

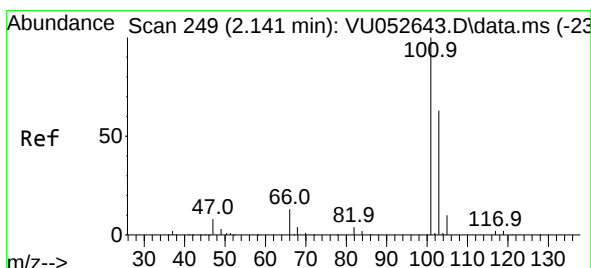
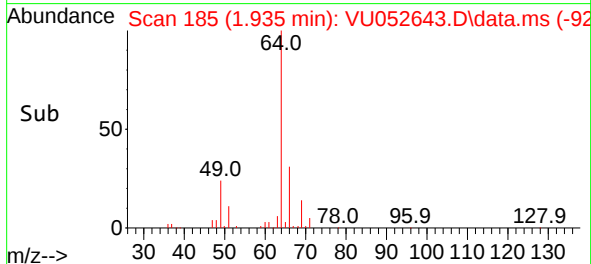
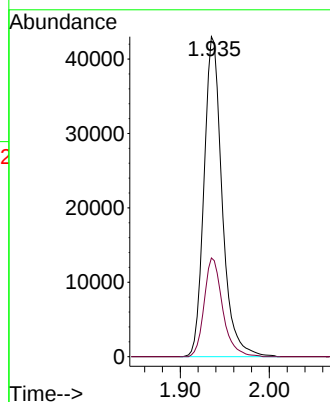
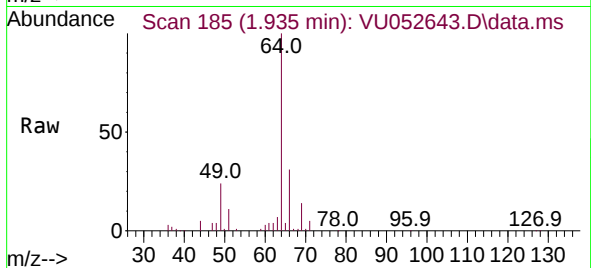




#8
Chloroethane
Concen: 4.968 ug/L
RT: 1.935 min Scan# 185
Delta R.T. 0.000 min
Lab File: VU052643.D
Acq: 10 Jan 2023 14:36

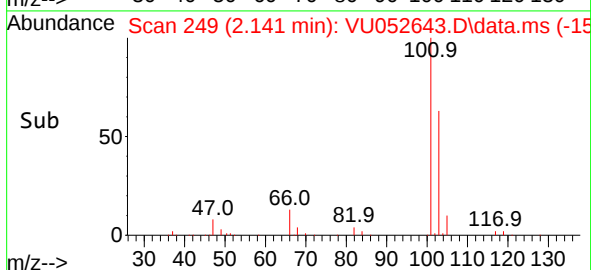
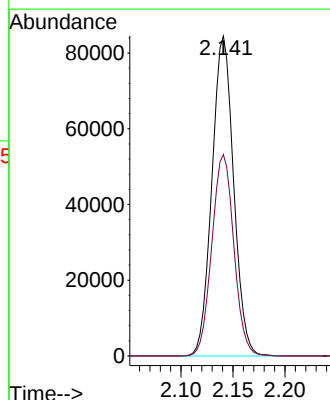
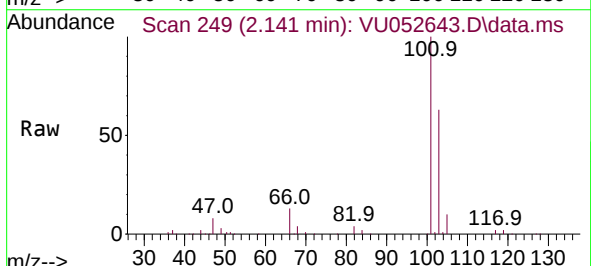
Instrument :
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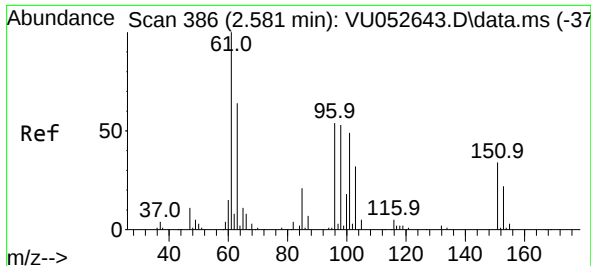
Tgt Ion: 64 Resp: 60738
Ion Ratio Lower Upper
64 100
66 30.9 21.6 40.2



#9
Trichlorofluoromethane
Concen: 5.899 ug/L
RT: 2.141 min Scan# 249
Delta R.T. 0.000 min
Lab File: VU052643.D
Acq: 10 Jan 2023 14:36

Tgt Ion:101 Resp: 122614
Ion Ratio Lower Upper
101 100
103 63.8 51.0 76.6

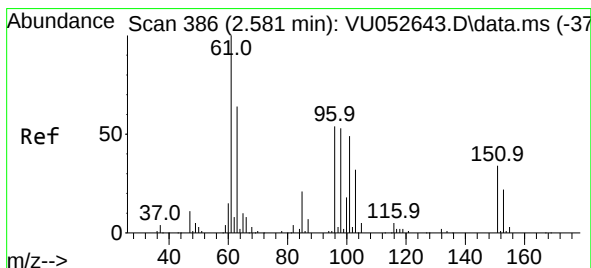
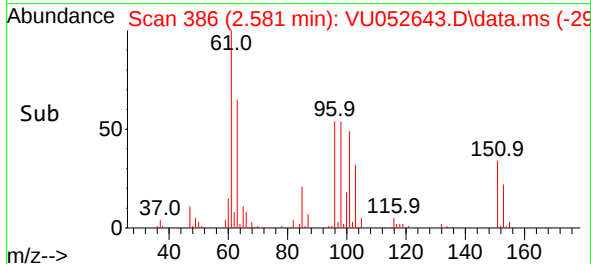
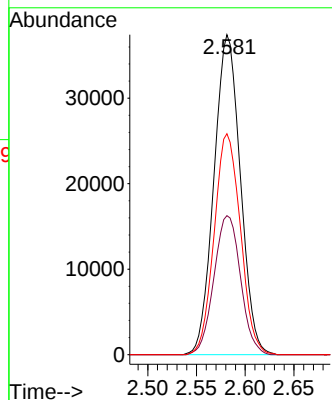
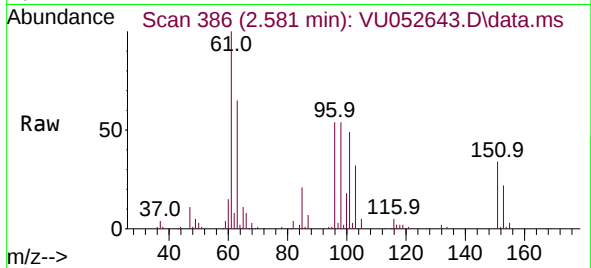




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.768 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. 0.000 min
 Lab File: VU052643.D
 Acq: 10 Jan 2023 14:36

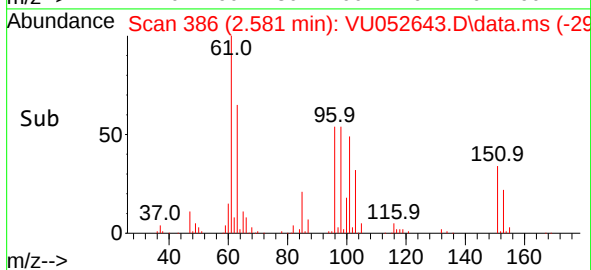
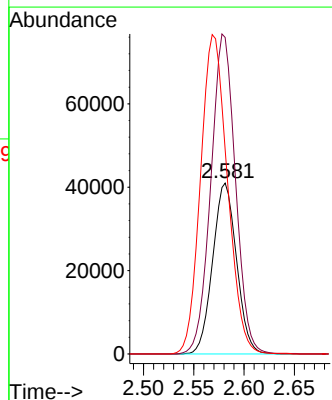
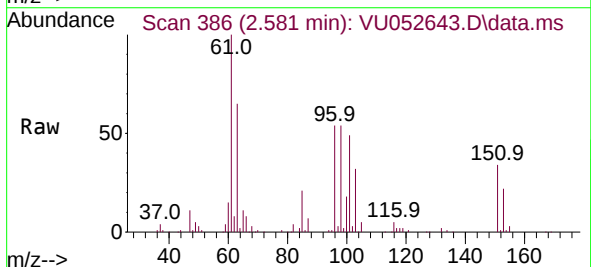
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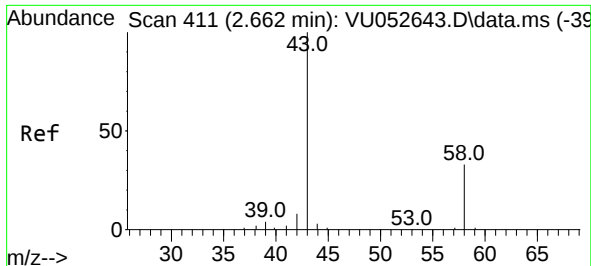
Tgt Ion: 101 Resp: 70628
 Ion Ratio Lower Upper
 101 100
 85 43.8 35.0 52.6
 151 68.8 55.0 82.6



#12
 1,1-Dichloroethene
 Concen: 5.744 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. 0.000 min
 Lab File: VU052643.D
 Acq: 10 Jan 2023 14:36

Tgt Ion: 96 Resp: 67627
 Ion Ratio Lower Upper
 96 100
 61 185.2 129.6 240.8
 63 119.6 83.7 155.5





#13

Acetone

Concen: 38.709 ug/L

RT: 2.662 min Scan# 411

Delta R.T. 0.000 min

Lab File: VU052643.D

Acq: 10 Jan 2023 14:36

Instrument :

MSVOA_U

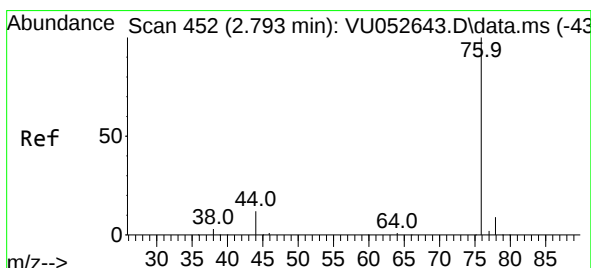
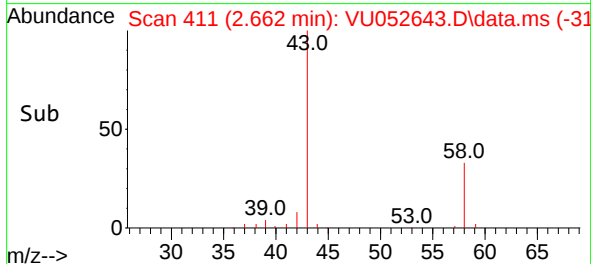
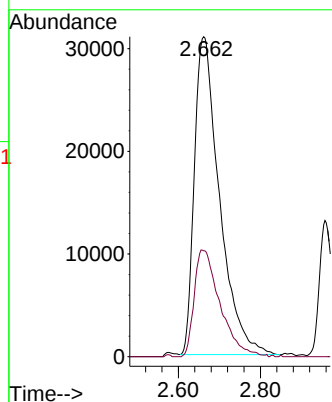
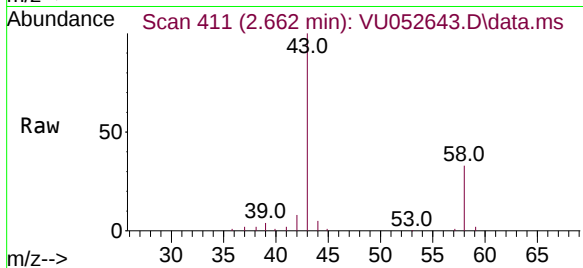
ClientSampleId :

Tgt Ion: 43 Resp: 131418

Ion Ratio Lower Upper

43 100

58 34.4 0.0 68.8



#14

Carbon disulfide

Concen: 6.263 ug/L

RT: 2.793 min Scan# 452

Delta R.T. 0.000 min

Lab File: VU052643.D

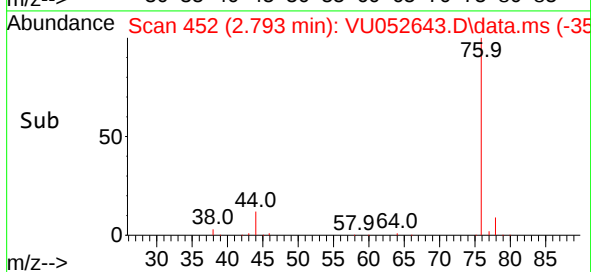
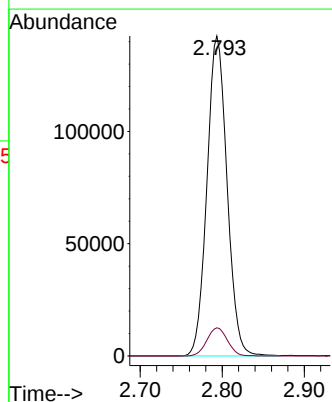
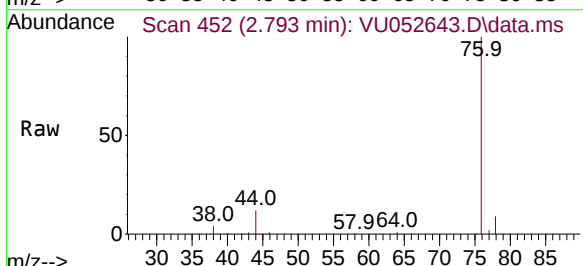
Acq: 10 Jan 2023 14:36

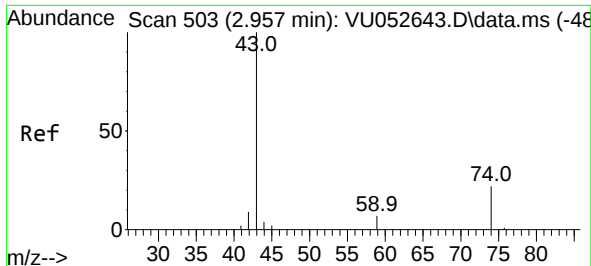
Tgt Ion: 76 Resp: 242614

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.6

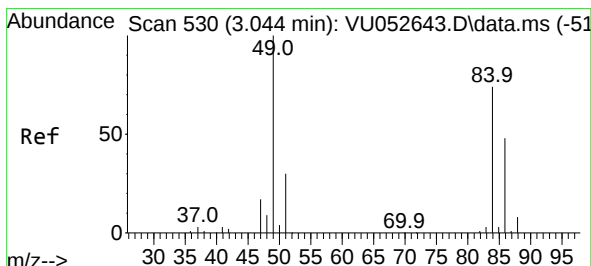
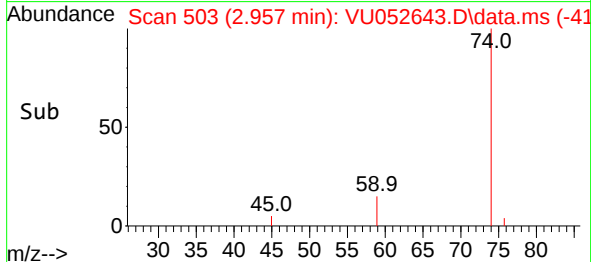
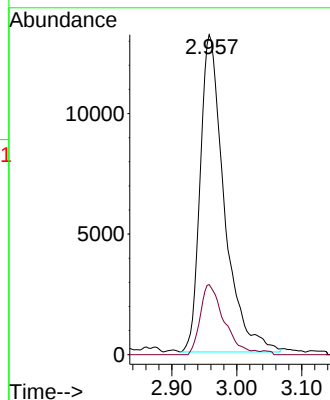
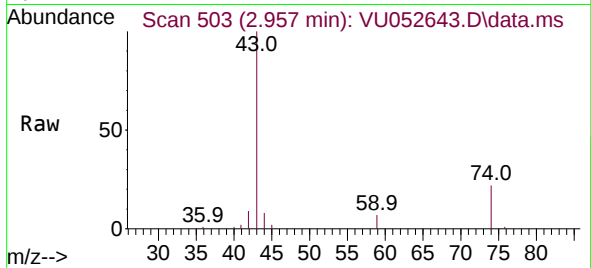




#15
Methyl Acetate
Concen: 4.421 ug/L
RT: 2.957 min Scan# 503
Delta R.T. 0.000 min
Lab File: VU052643.D
Acq: 10 Jan 2023 14:36

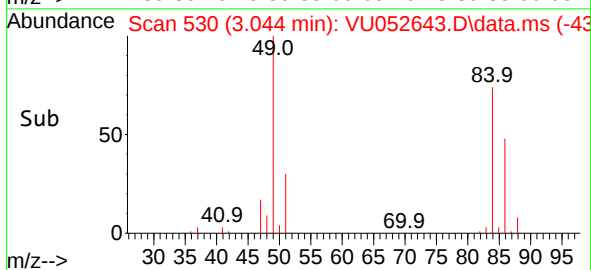
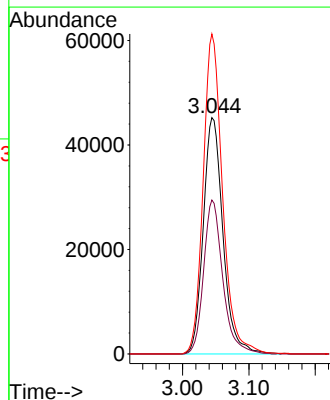
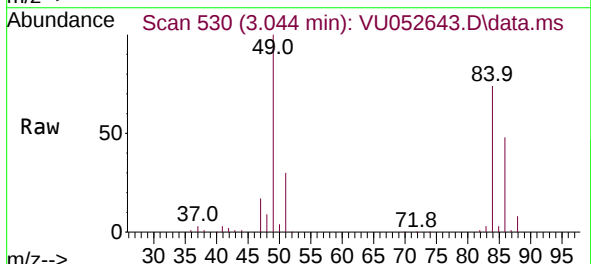
Instrument :
MSVOA_U
ClientSampleId :

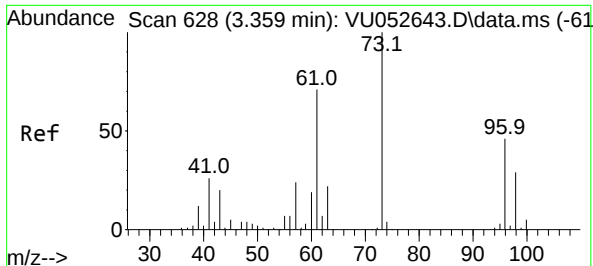
Tgt Ion: 43 Resp: 33949
Ion Ratio Lower Upper
43 100
74 21.9 17.5 26.3



#16
Methylene chloride
Concen: 5.539 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU052643.D
Acq: 10 Jan 2023 14:36

Tgt Ion: 84 Resp: 93470
Ion Ratio Lower Upper
84 100
86 65.1 45.6 84.6
49 135.4 94.8 176.0

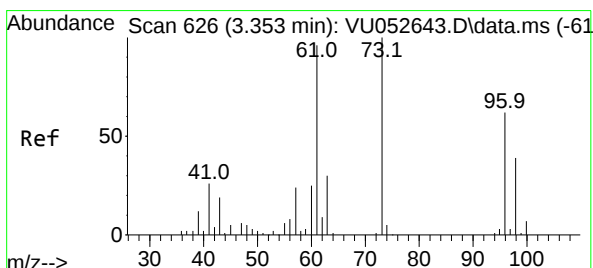
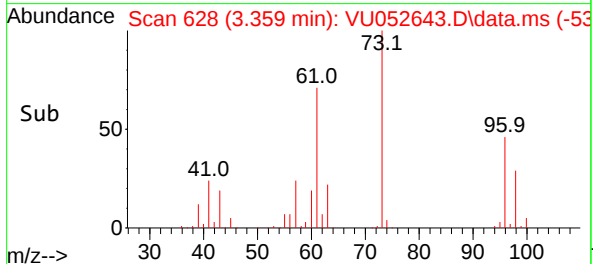
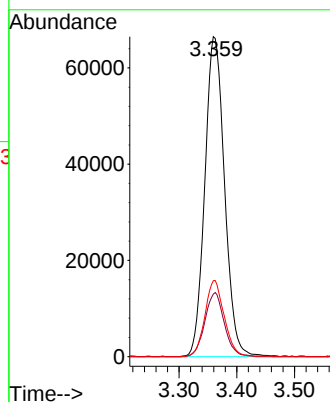
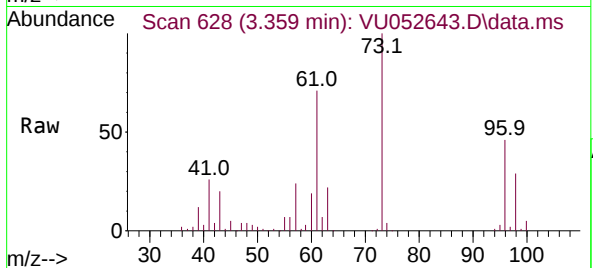




#17
Methyl tert-butyl Ether
Concen: 5.136 ug/L
RT: 3.359 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU052643.D
Acq: 10 Jan 2023 14:36

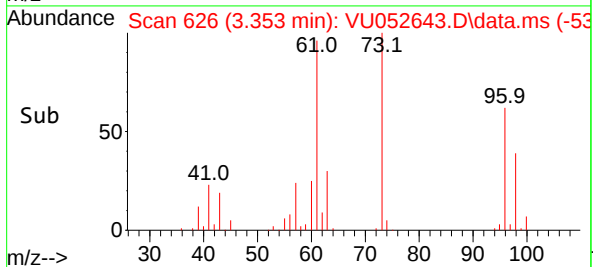
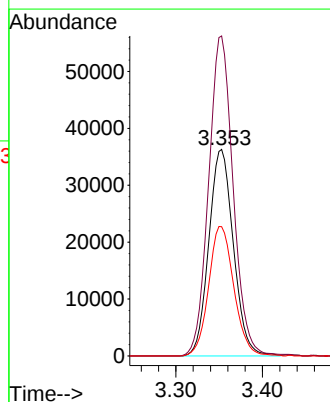
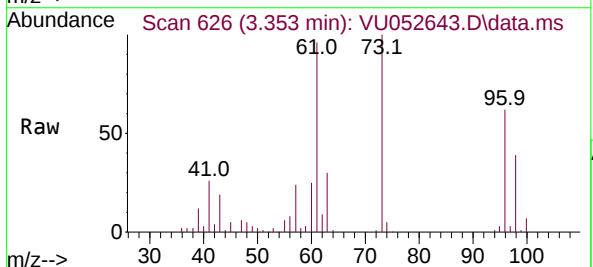
Instrument :
MSVOA_U
ClientSampleId :

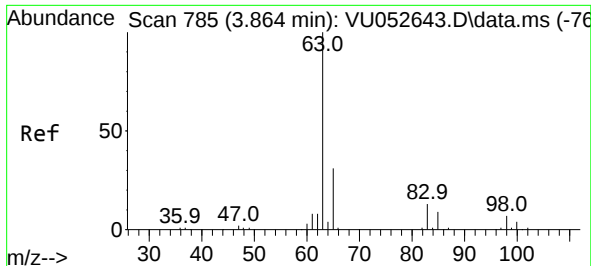
Tgt Ion: 73 Resp: 158020
Ion Ratio Lower Upper
73 100
43 19.8 15.8 23.8
57 23.3 18.6 28.0



#18
trans-1,2-Dichloroethene
Concen: 5.887 ug/L
RT: 3.353 min Scan# 626
Delta R.T. 0.000 min
Lab File: VU052643.D
Acq: 10 Jan 2023 14:36

Tgt Ion: 96 Resp: 71612
Ion Ratio Lower Upper
96 100
61 154.9 108.4 201.4
98 62.6 43.8 81.4

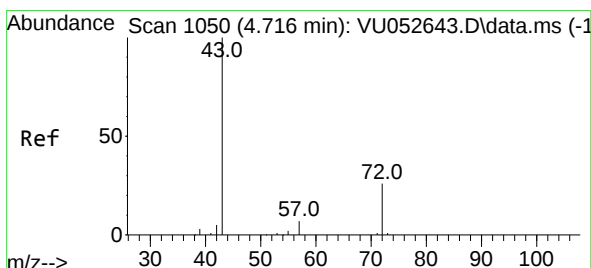
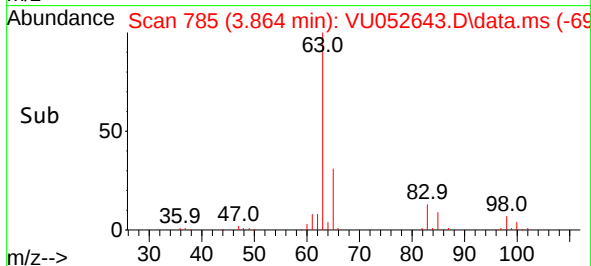
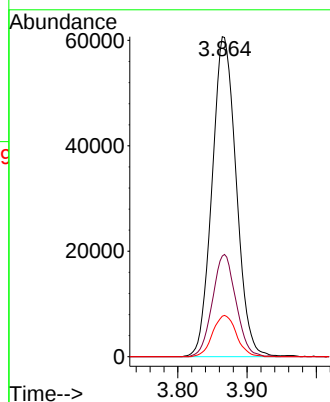
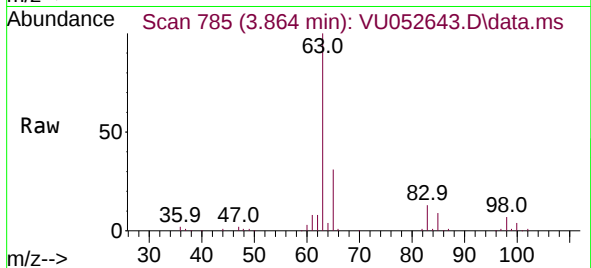




#19
1,1-Dichloroethane
Concen: 5.611 ug/L
RT: 3.864 min Scan# 785
Delta R.T. 0.000 min
Lab File: VU052643.D
Acq: 10 Jan 2023 14:36

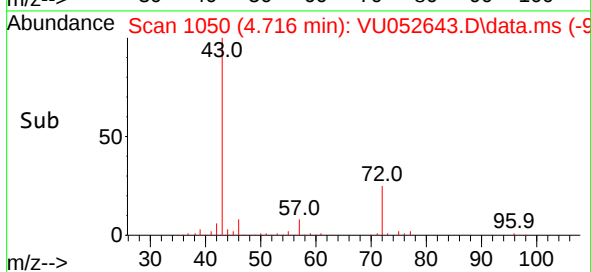
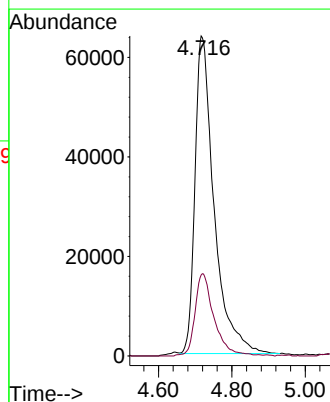
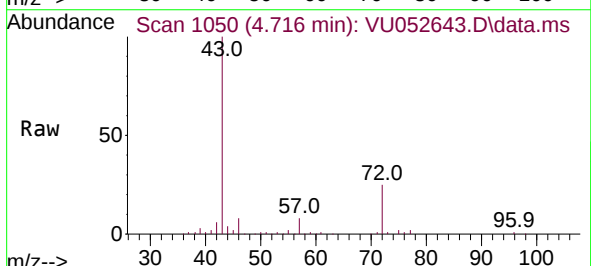
Instrument :
MSVOA_U
ClientSampleId :

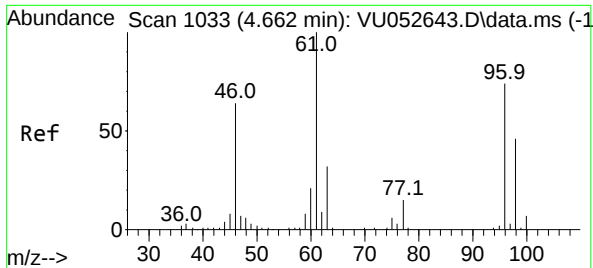
Tgt Ion: 63 Resp: 146880
Ion Ratio Lower Upper
63 100
65 31.5 22.0 41.0
83 12.7 8.9 16.5



#21
2-Butanone
Concen: 45.405 ug/L
RT: 4.716 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VU052643.D
Acq: 10 Jan 2023 14:36

Tgt Ion: 43 Resp: 230486
Ion Ratio Lower Upper
43 100
72 25.7 12.9 38.6

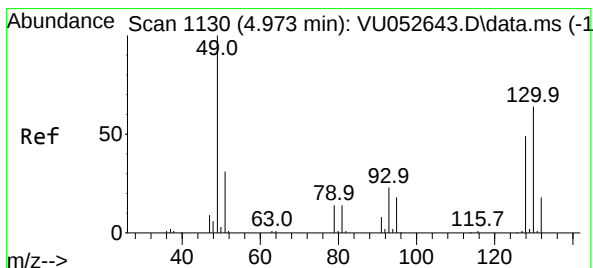
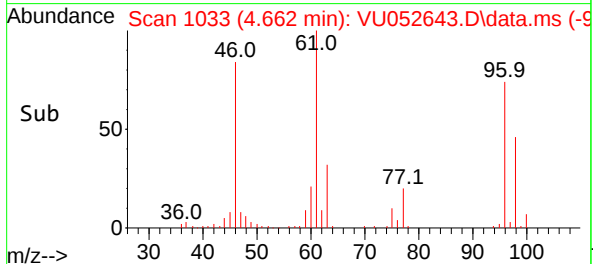
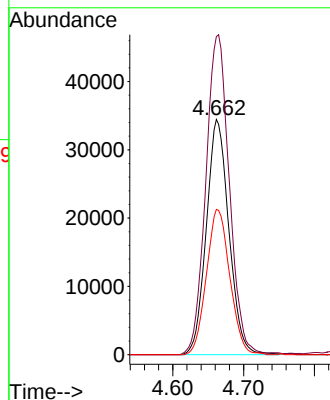
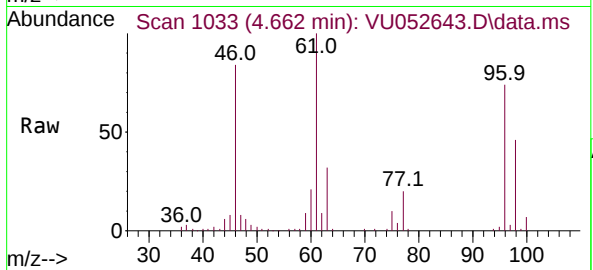




#22
 cis-1,2-Dichloroethene
 Concen: 5.734 ug/L
 RT: 4.662 min Scan# 1033
 Delta R.T. 0.000 min
 Lab File: VU052643.D
 Acq: 10 Jan 2023 14:36

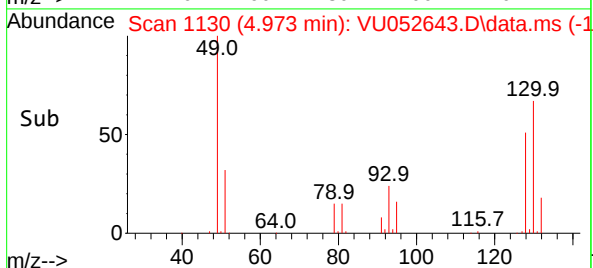
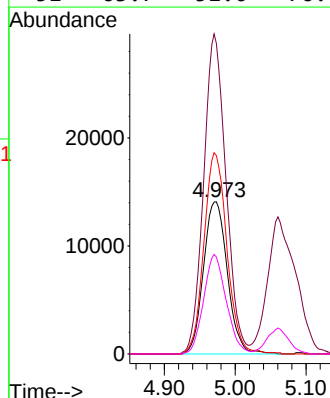
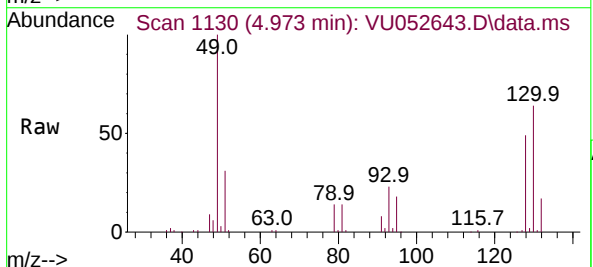
Instrument :
 MSVOA_U
 ClientSampleId :

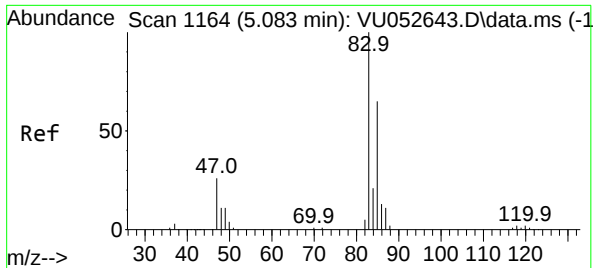
Tgt Ion:	96	Resp:	76303
Ion	Ratio	Lower	Upper
96	100		
61	135.2	94.6	175.8
98	61.8	43.3	80.3



#23
 Bromochloromethane
 Concen: 5.454 ug/L
 RT: 4.973 min Scan# 1130
 Delta R.T. 0.000 min
 Lab File: VU052643.D
 Acq: 10 Jan 2023 14:36

Tgt Ion:	128	Resp:	32997
Ion	Ratio	Lower	Upper
128	100		
49	204.0	142.8	265.2
130	130.4	91.3	169.5
51	63.7	51.0	76.4





#25

Chloroform

Concen: 5.563 ug/L

RT: 5.083 min Scan# 1164

Delta R.T. 0.000 min

Lab File: VU052643.D

Acq: 10 Jan 2023 14:36

Instrument :

MSVOA_U

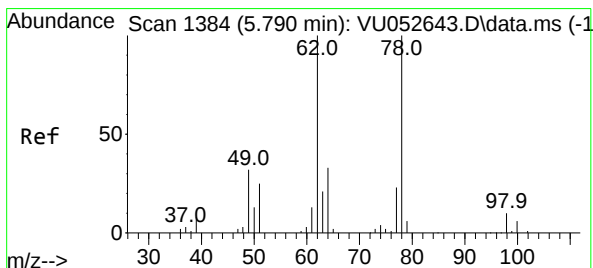
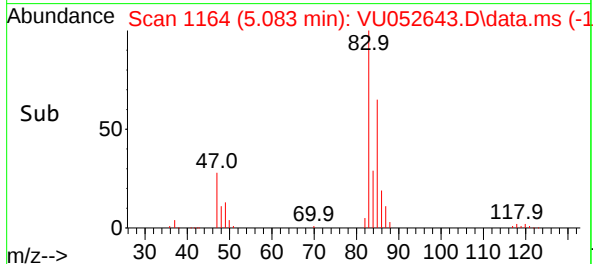
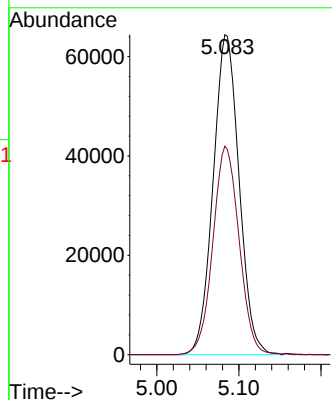
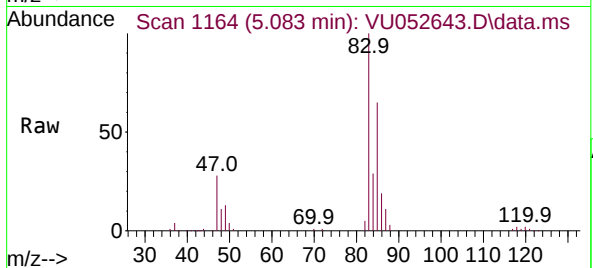
ClientSampleId :

Tgt Ion: 83 Resp: 141923

Ion Ratio Lower Upper

83 100

85 65.1 45.6 84.6



#27

1,2-Dichloroethane

Concen: 5.179 ug/L

RT: 5.790 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VU052643.D

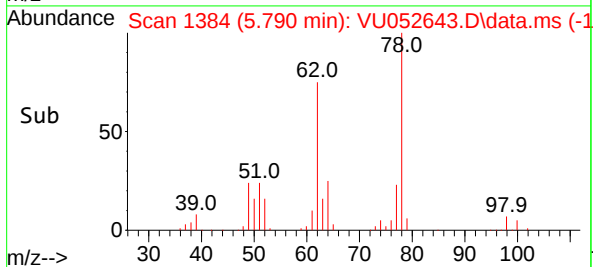
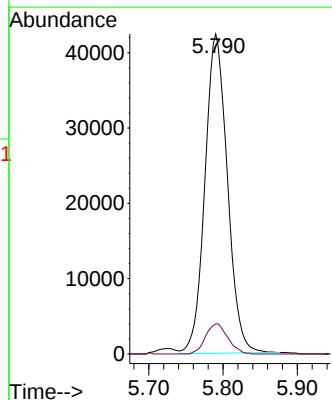
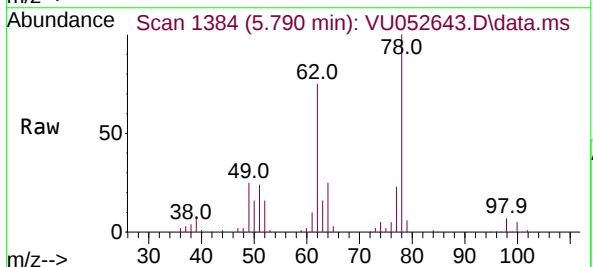
Acq: 10 Jan 2023 14:36

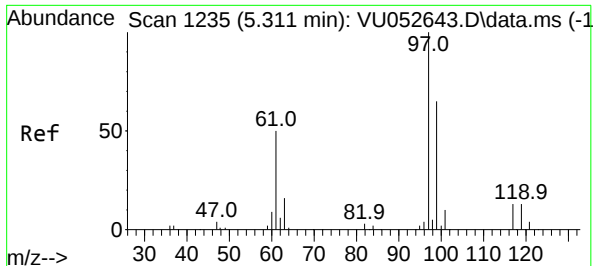
Tgt Ion: 62 Resp: 89032

Ion Ratio Lower Upper

62 100

98 9.4 7.5 11.3

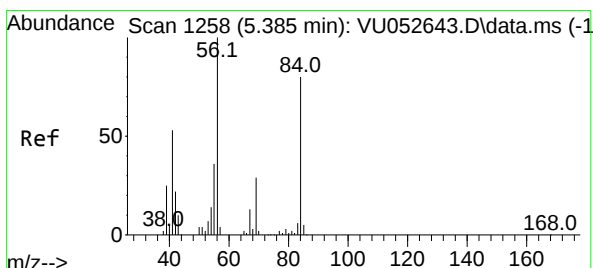
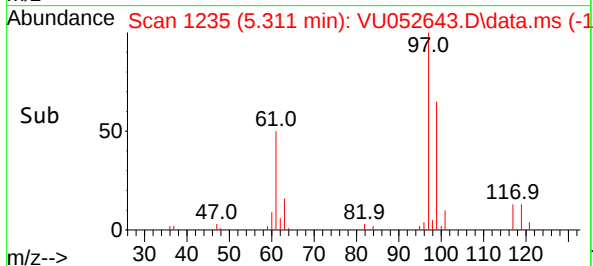
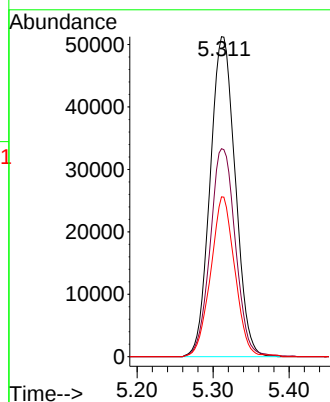
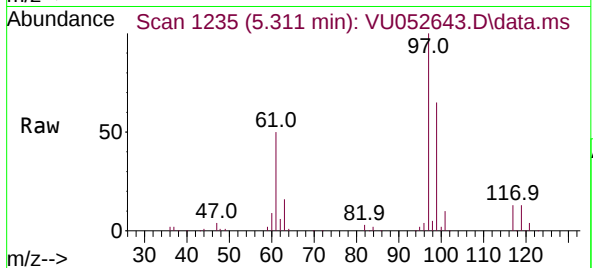




#29
1,1,1-Trichloroethane
Concen: 6.015 ug/L
RT: 5.311 min Scan# 117654
Delta R.T. 0.000 min
Lab File: VU052643.D
Acq: 10 Jan 2023 14:36

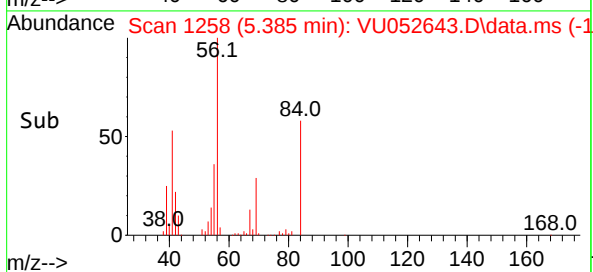
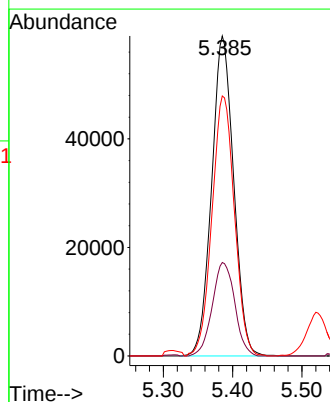
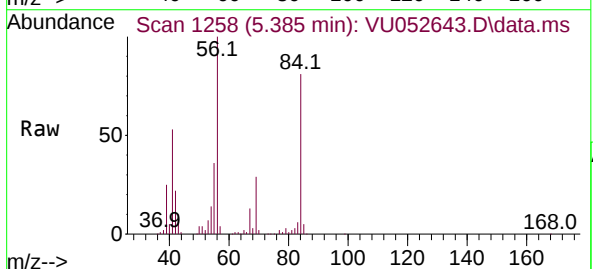
Instrument :
MSVOA_U
ClientSampleId :

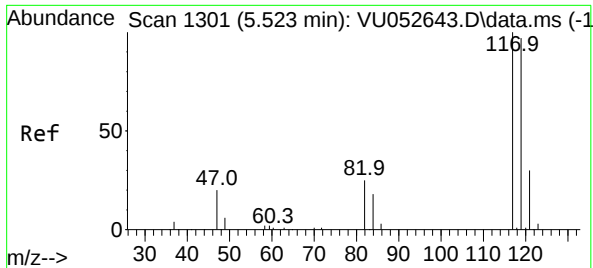
Tgt Ion: 97 Resp: 117654
Ion Ratio Lower Upper
97 100
99 65.5 52.4 78.6
61 48.1 38.5 57.7



#30
Cyclohexane
Concen: 6.148 ug/L
RT: 5.385 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VU052643.D
Acq: 10 Jan 2023 14:36

Tgt Ion: 56 Resp: 130091
Ion Ratio Lower Upper
56 100
69 29.8 23.8 35.8
84 82.8 66.2 99.4

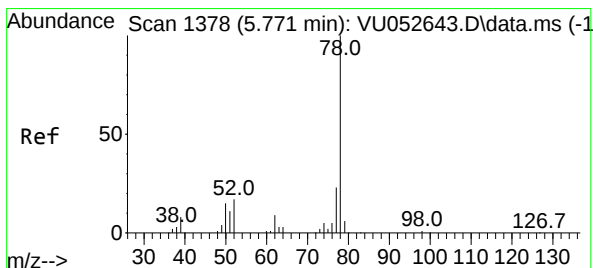
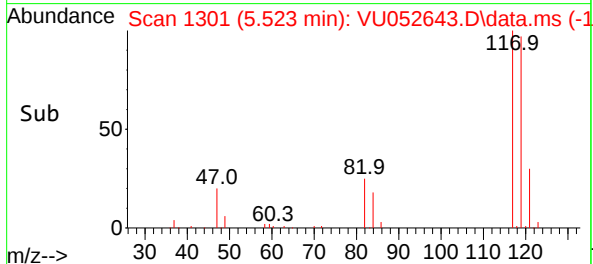
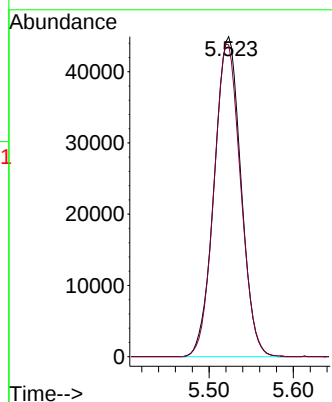
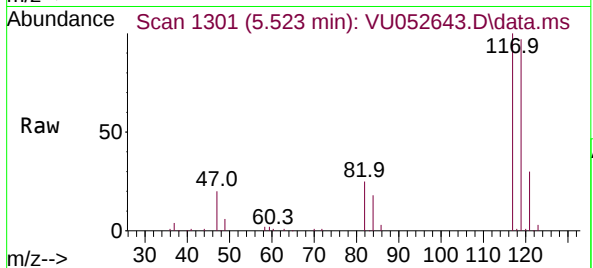




#31
Carbon tetrachloride
Concen: 5.804 ug/L
RT: 5.523 min Scan# 111
Delta R.T. 0.000 min
Lab File: VU052643.D
Acq: 10 Jan 2023 14:36

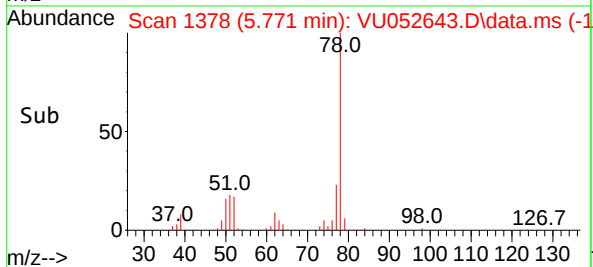
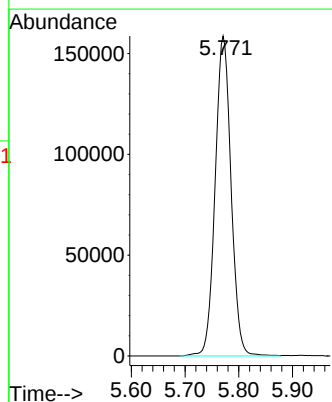
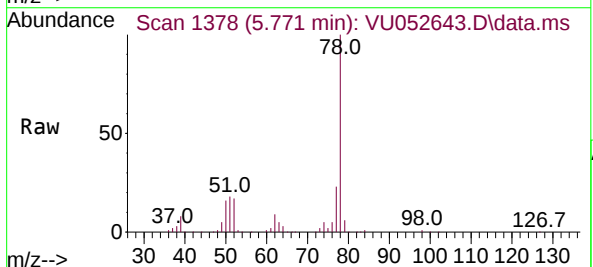
Instrument :
MSVOA_U
ClientSampleId :

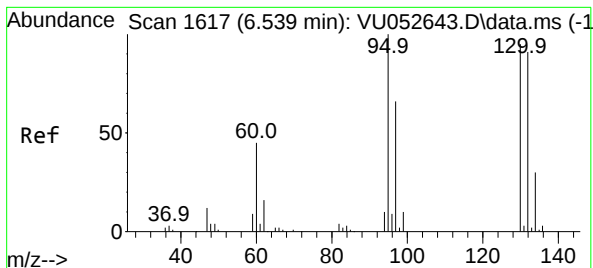
Tgt Ion:117 Resp: 98757
Ion Ratio Lower Upper
117 100
119 97.3 77.8 116.8



#33
Benzene
Concen: 5.878 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VU052643.D
Acq: 10 Jan 2023 14:36

Tgt Ion: 78 Resp: 326010





#34

Trichloroethene

Concen: 5.720 ug/L

RT: 6.539 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU052643.D

Acq: 10 Jan 2023 14:36

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 73953

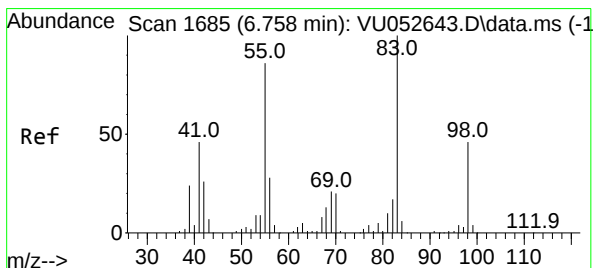
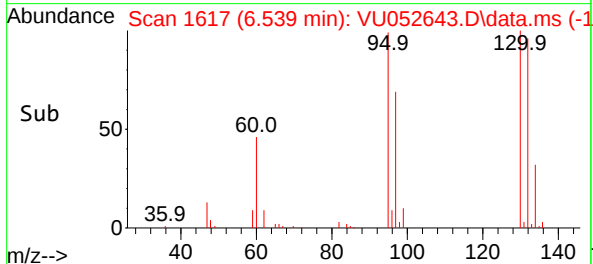
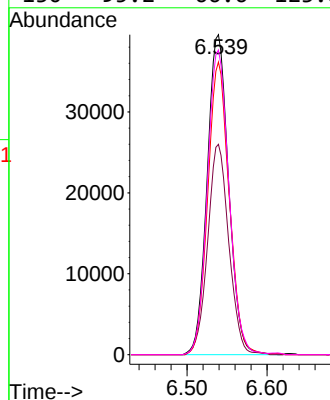
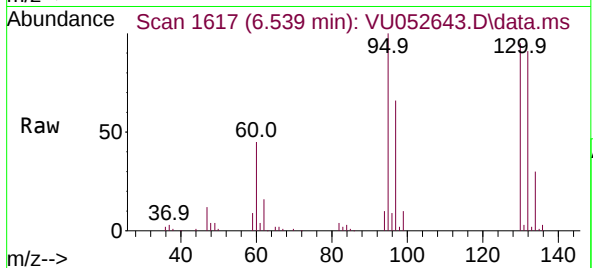
Ion Ratio Lower Upper

95 100

97 65.7 46.0 85.4

132 91.4 64.0 118.8

130 95.2 66.6 123.8



#35

Methylcyclohexane

Concen: 6.364 ug/L

RT: 6.758 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VU052643.D

Acq: 10 Jan 2023 14:36

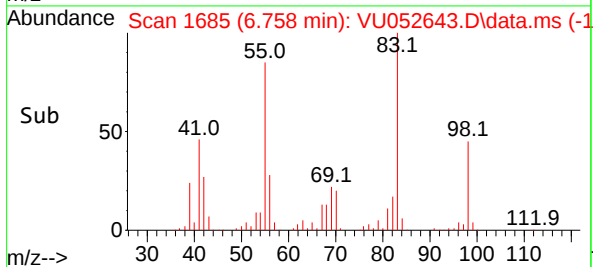
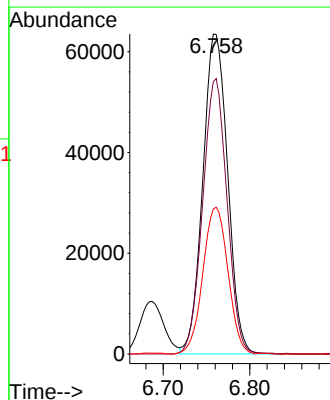
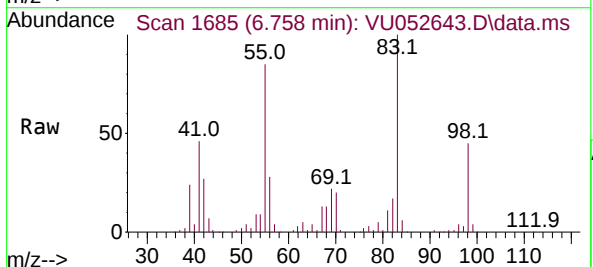
Tgt Ion: 83 Resp: 126500

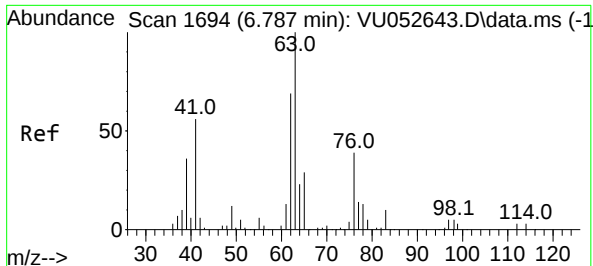
Ion Ratio Lower Upper

83 100

55 84.5 67.6 101.4

98 46.4 37.1 55.7





#37

1,2-Dichloropropane

Concen: 5.635 ug/L

RT: 6.787 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU052643.D

Acq: 10 Jan 2023 14:36

Instrument :

MSVOA_U

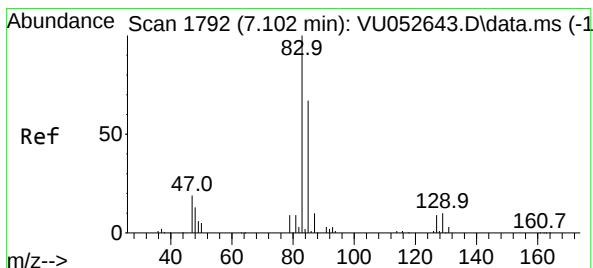
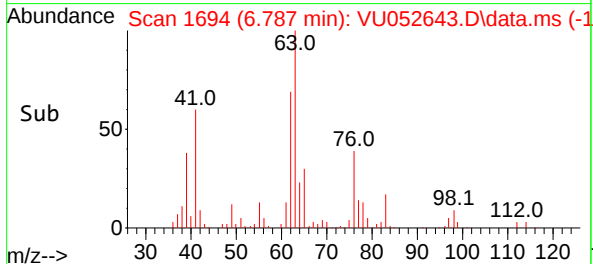
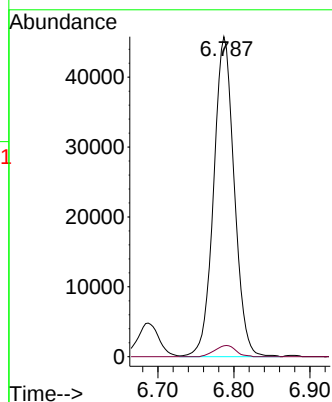
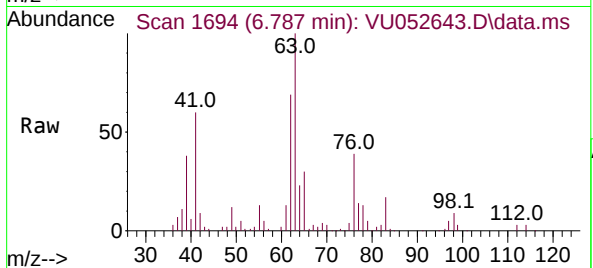
ClientSampleId :

Tgt Ion: 63 Resp: 86215

Ion Ratio Lower Upper

63 100

112 3.6 2.9 4.3



#38

Bromodichloromethane

Concen: 5.387 ug/L

RT: 7.102 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VU052643.D

Acq: 10 Jan 2023 14:36

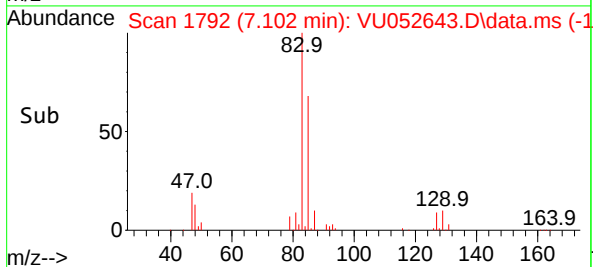
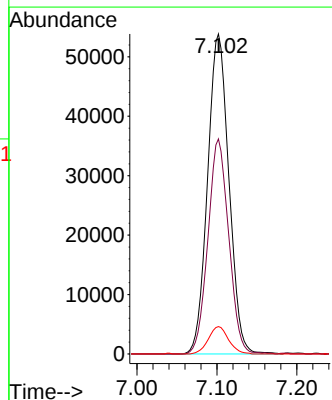
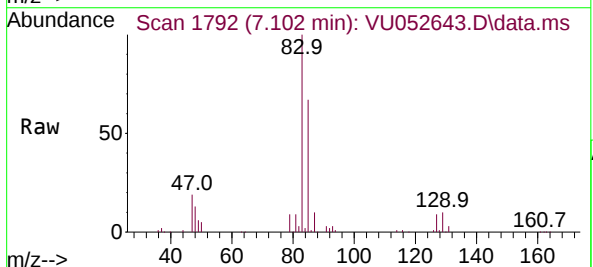
Tgt Ion: 83 Resp: 99893

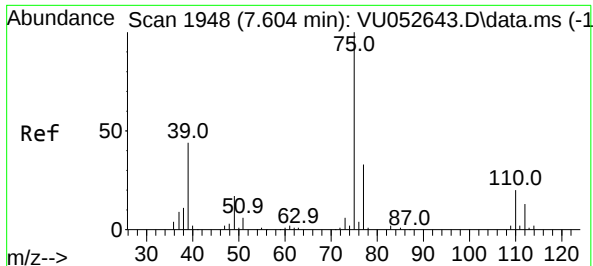
Ion Ratio Lower Upper

83 100

85 67.2 47.0 87.4

127 8.6 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 5.561 ug/L

RT: 7.604 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VU052643.D

Acq: 10 Jan 2023 14:36

Instrument :

MSVOA_U

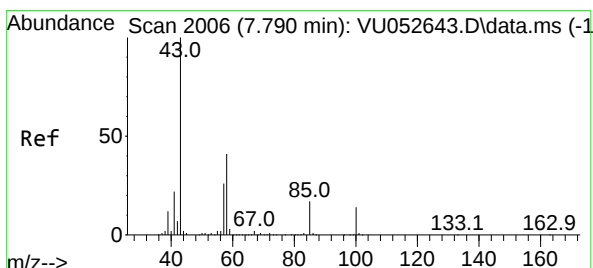
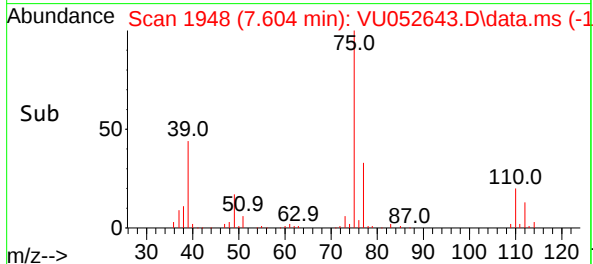
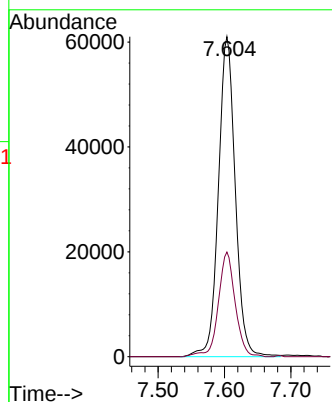
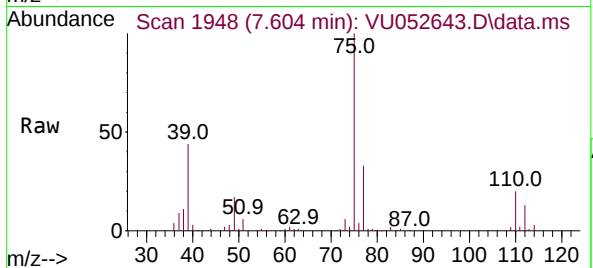
ClientSampleId :

Tgt Ion: 75 Resp: 107921

Ion Ratio Lower Upper

75 100

77 32.7 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 48.289 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VU052643.D

Acq: 10 Jan 2023 14:36

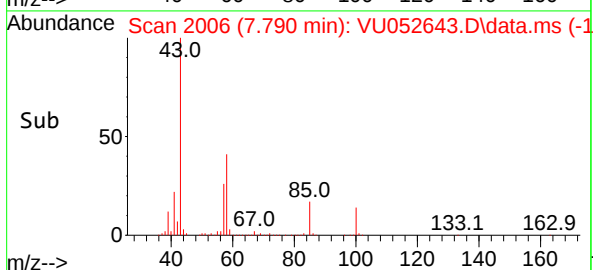
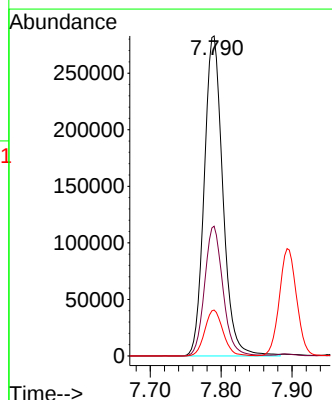
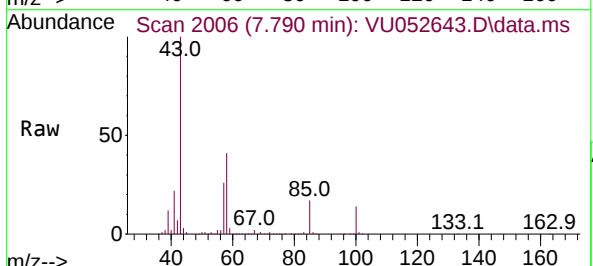
Tgt Ion: 43 Resp: 516722

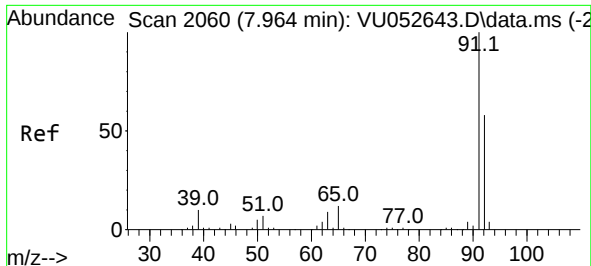
Ion Ratio Lower Upper

43 100

58 40.0 32.0 48.0

100 14.1 11.3 16.9





#42

Toluene

Concen: 6.220 ug/L

RT: 7.964 min Scan# 2060

Delta R.T. 0.000 min

Lab File: VU052643.D

Acq: 10 Jan 2023 14:36

Instrument :

MSVOA_U

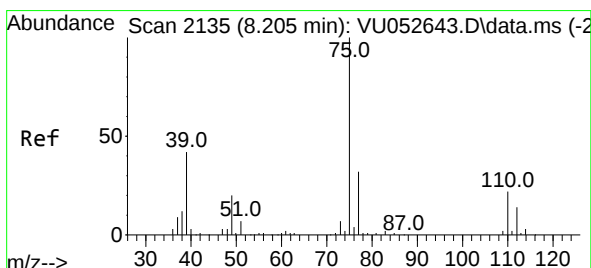
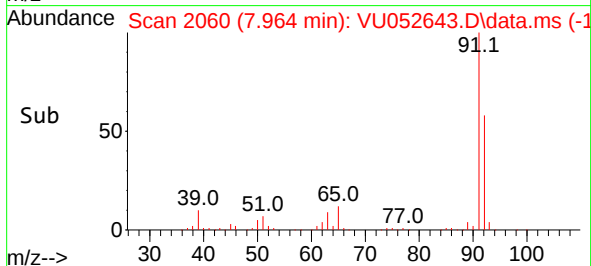
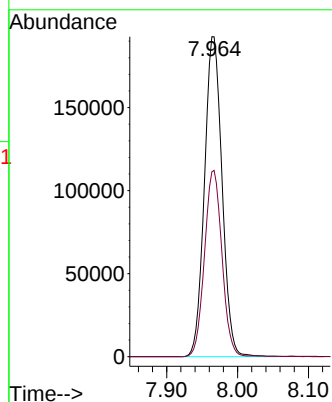
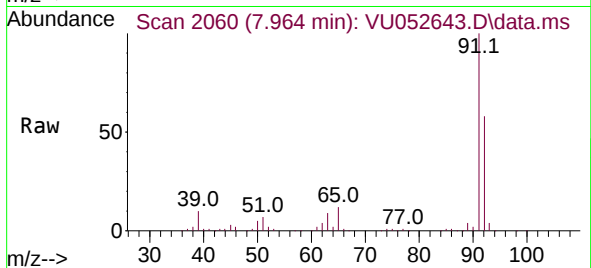
ClientSampleId :

Tgt Ion: 91 Resp: 332453

Ion Ratio Lower Upper

91 100

92 57.8 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 5.588 ug/L

RT: 8.205 min Scan# 2135

Delta R.T. 0.000 min

Lab File: VU052643.D

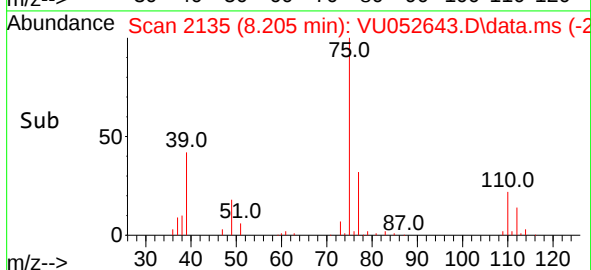
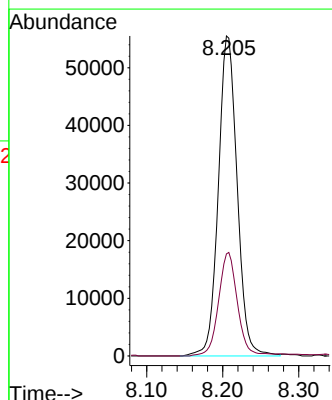
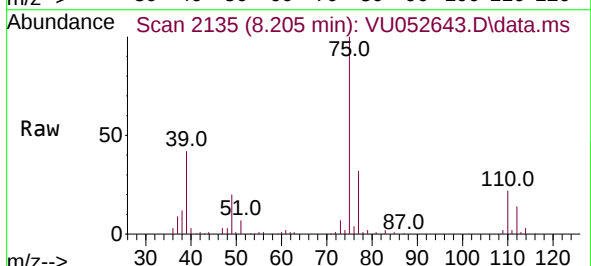
Acq: 10 Jan 2023 14:36

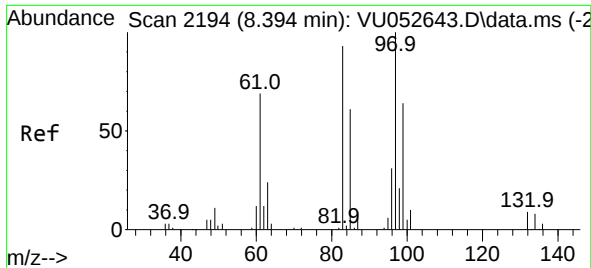
Tgt Ion: 75 Resp: 95618

Ion Ratio Lower Upper

75 100

77 31.9 22.3 41.5



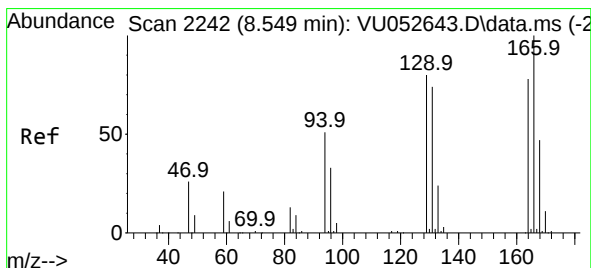
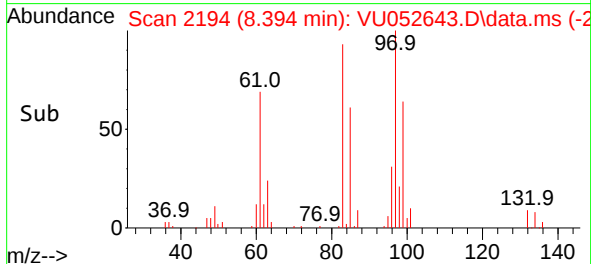
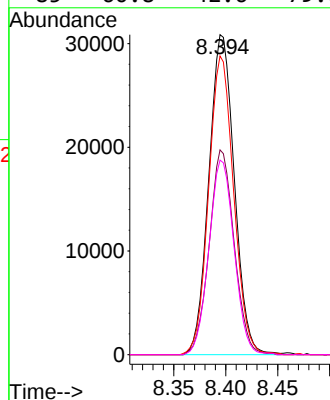
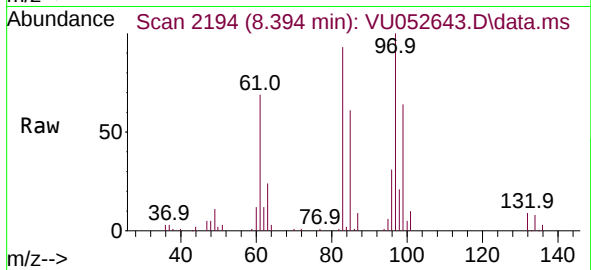


#45
1,1,2-Trichloroethane
Concen: 4.983 ug/L
RT: 8.394 min Scan# 2194
Delta R.T. 0.000 min
Lab File: VU052643.D
Acq: 10 Jan 2023 14:36

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 52673

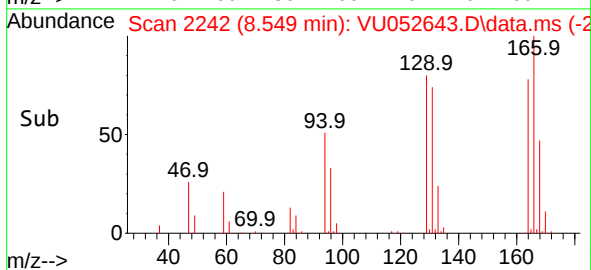
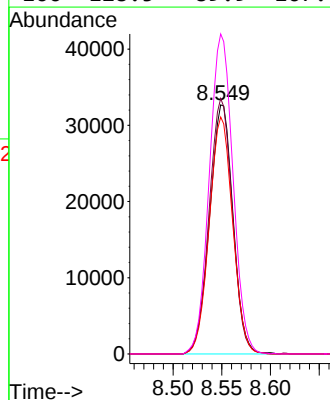
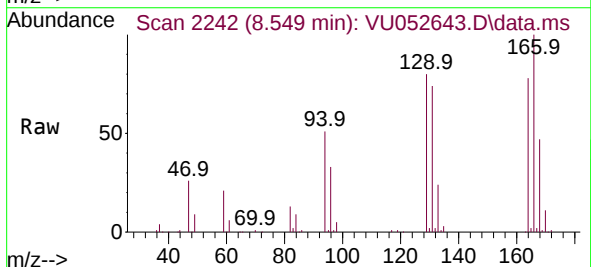
Ion	Ratio	Lower	Upper
97	100		
99	64.0	44.8	83.2
83	93.3	65.3	121.3
85	60.8	42.6	79.0

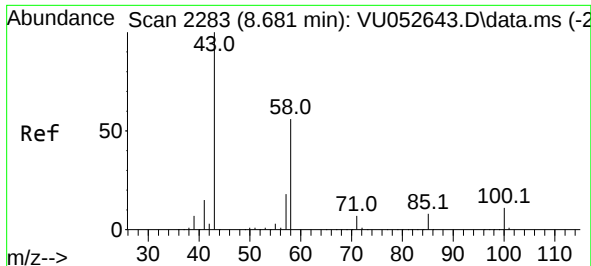


#47
Tetrachloroethene
Concen: 6.003 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VU052643.D
Acq: 10 Jan 2023 14:36

Tgt Ion: 164 Resp: 54683

Ion	Ratio	Lower	Upper
164	100		
129	102.6	71.8	133.4
131	95.1	66.6	123.6
166	128.5	89.9	167.0

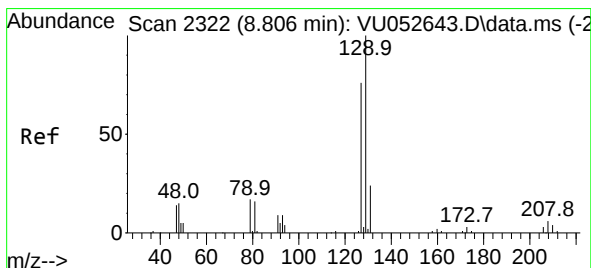
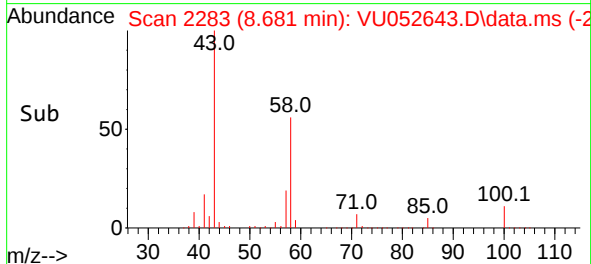
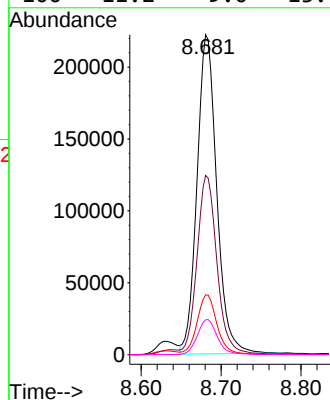
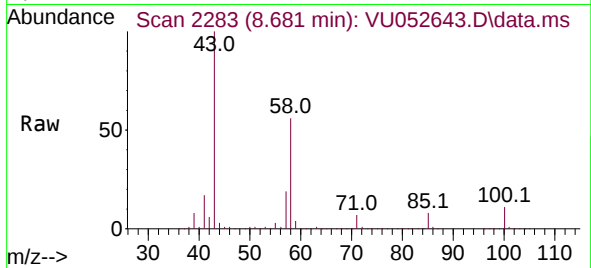




#48
2-Hexanone
Concen: 47.623 ug/L
RT: 8.681 min Scan# 2283
Delta R.T. 0.000 min
Lab File: VU052643.D
Acq: 10 Jan 2023 14:36

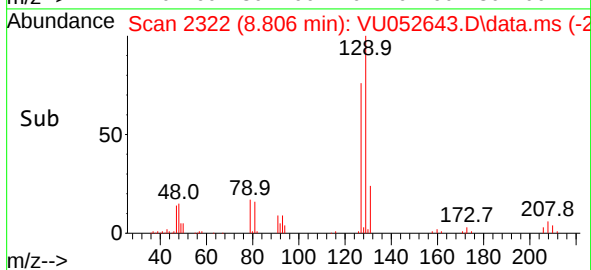
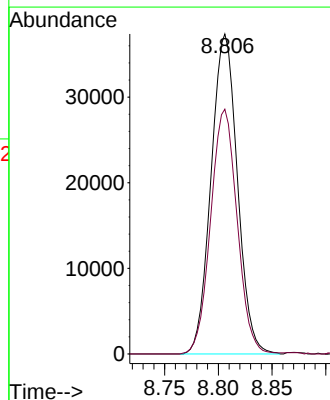
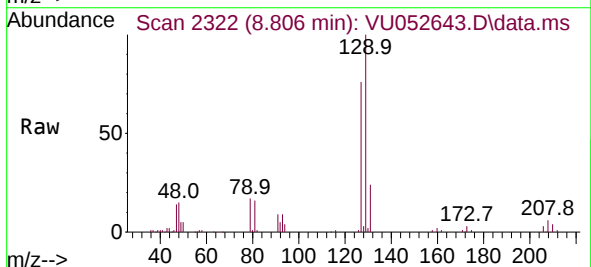
Instrument :
MSVOA_U
ClientSampleId :

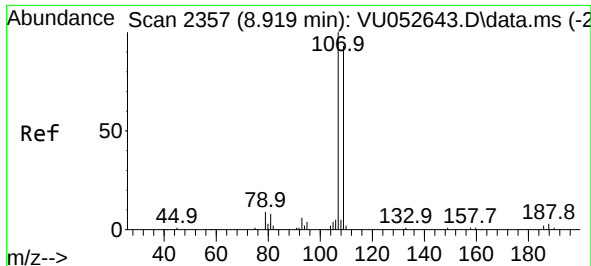
Tgt Ion: 43 Resp: 381958
Ion Ratio Lower Upper
43 100
58 56.4 45.1 67.7
57 18.9 15.1 22.7
100 11.2 9.0 13.4



#49
Dibromochloromethane
Concen: 5.554 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VU052643.D
Acq: 10 Jan 2023 14:36

Tgt Ion: 129 Resp: 63690
Ion Ratio Lower Upper
129 100
127 76.5 53.5 99.5





#50

1,2-Dibromoethane

Concen: 5.204 ug/L

RT: 8.919 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU052643.D

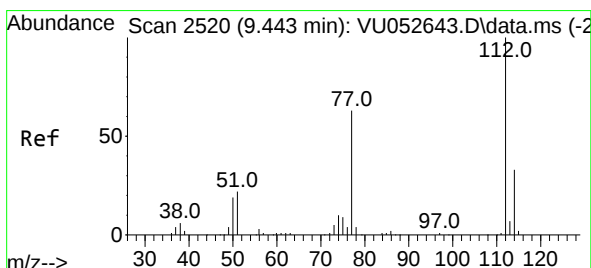
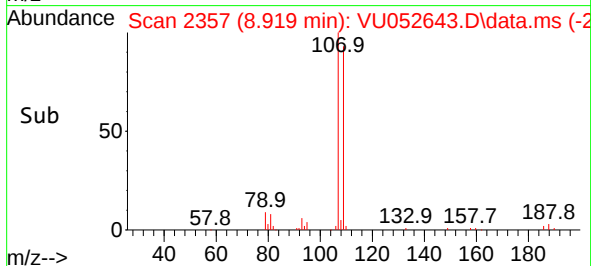
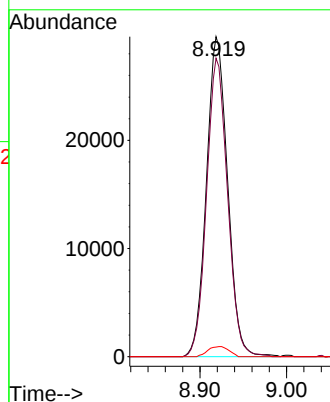
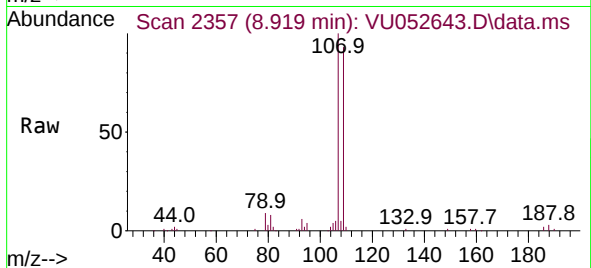
Acq: 10 Jan 2023 14:36

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	50302
Ion Ratio	Lower	Upper	
107	100		
109	93.3	65.3	121.3
188	3.0	2.4	3.6



#51

Chlorobenzene

Concen: 5.776 ug/L

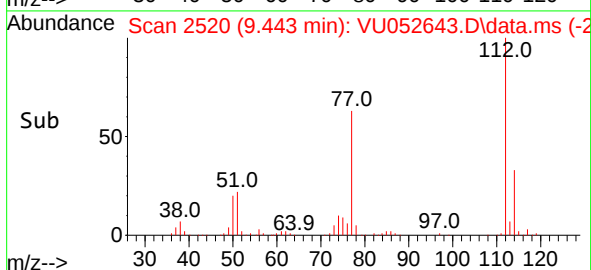
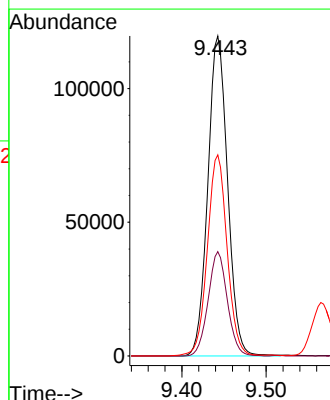
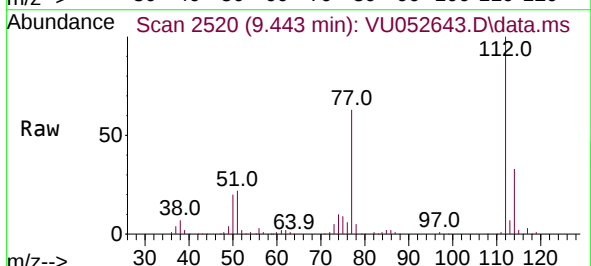
RT: 9.443 min Scan# 2520

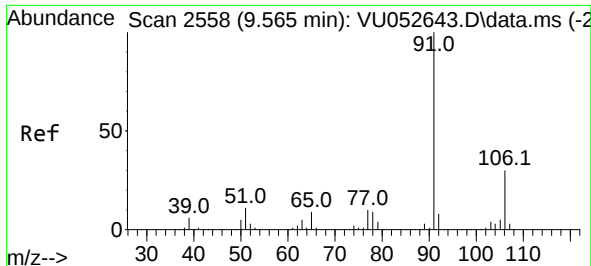
Delta R.T. 0.000 min

Lab File: VU052643.D

Acq: 10 Jan 2023 14:36

Tgt Ion:	112	Resp:	195231
Ion Ratio	Lower	Upper	
112	100		
114	32.6	22.8	42.4
77	62.8	50.2	75.4





#52

Ethylbenzene

Concen: 5.970 ug/L

RT: 9.565 min Scan# 2558

Delta R.T. 0.000 min

Lab File: VU052643.D

Acq: 10 Jan 2023 14:36

Instrument :

MSVOA_U

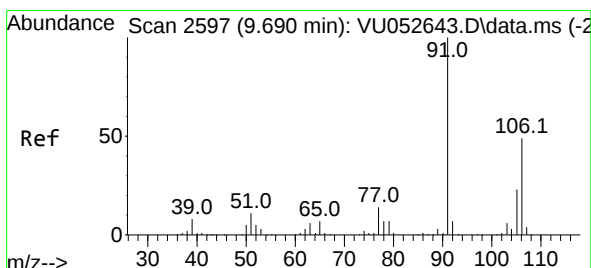
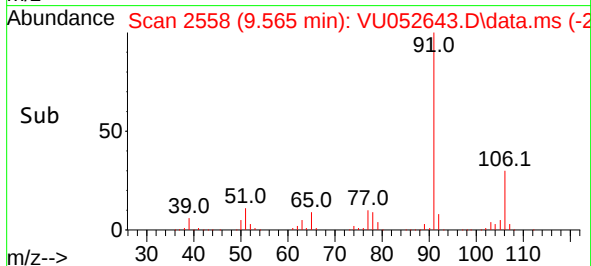
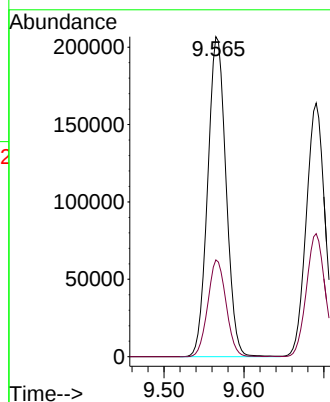
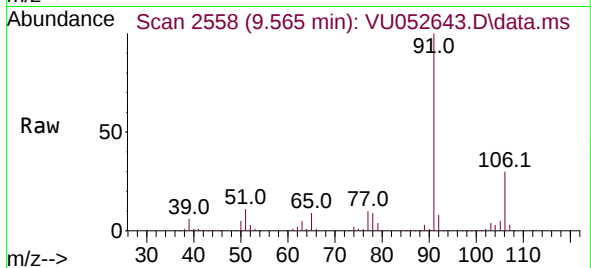
ClientSampleId :

Tgt Ion: 91 Resp: 329463

Ion Ratio Lower Upper

91 100

106 30.2 21.1 39.3



#53

m,p-Xylene

Concen: 6.274 ug/L

RT: 9.690 min Scan# 2597

Delta R.T. 0.000 min

Lab File: VU052643.D

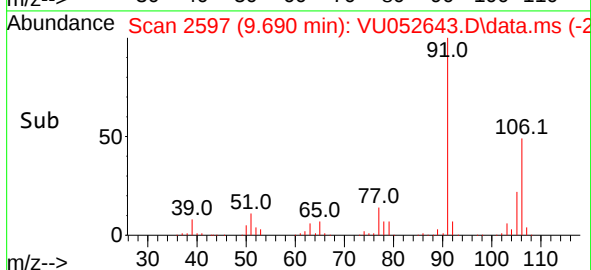
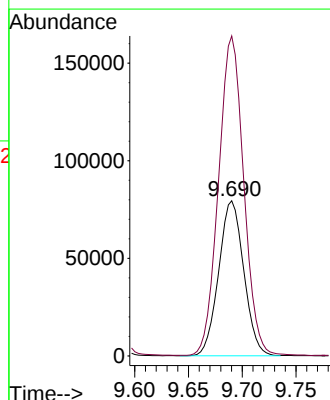
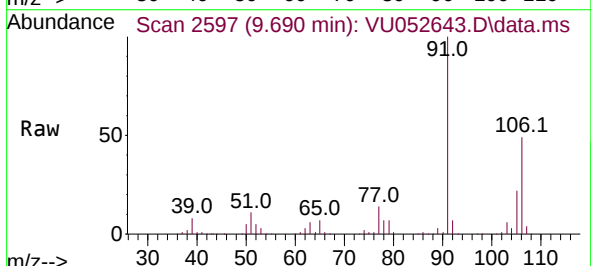
Acq: 10 Jan 2023 14:36

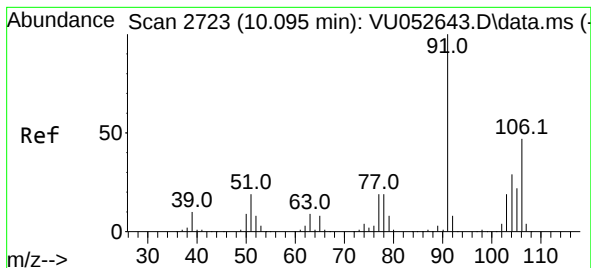
Tgt Ion:106 Resp: 128766

Ion Ratio Lower Upper

106 100

91 206.1 144.3 267.9





#54

o-Xylene

Concen: 6.322 ug/L

RT: 10.095 min Scan# 2723

Delta R.T. 0.000 min

Lab File: VU052643.D

Acq: 10 Jan 2023 14:36

Instrument :

MSVOA_U

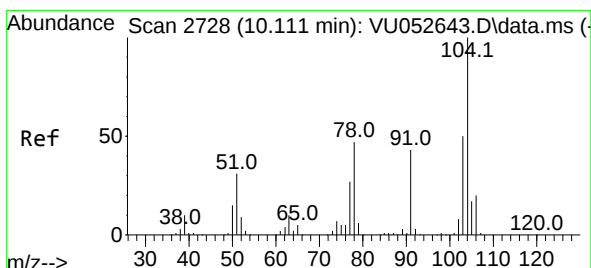
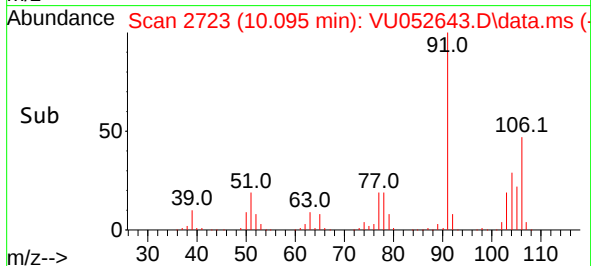
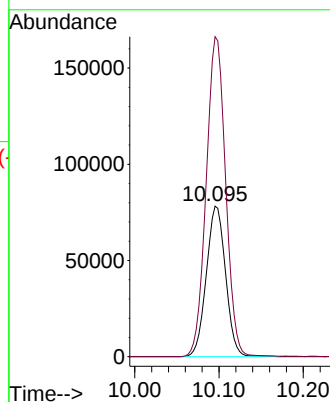
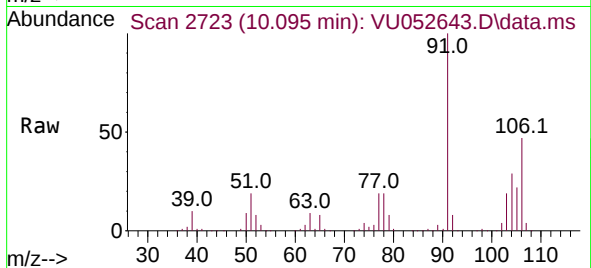
ClientSampleId :

Tgt Ion:106 Resp: 124356

Ion Ratio Lower Upper

106 100

91 212.4 148.7 276.1



#55

Styrene

Concen: 6.363 ug/L

RT: 10.111 min Scan# 2728

Delta R.T. 0.000 min

Lab File: VU052643.D

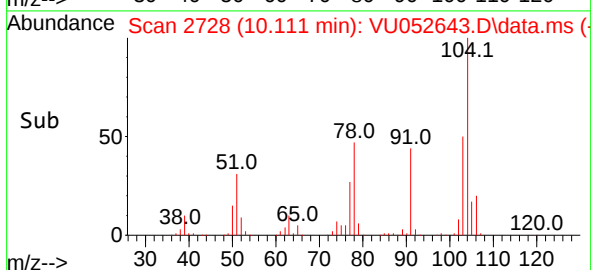
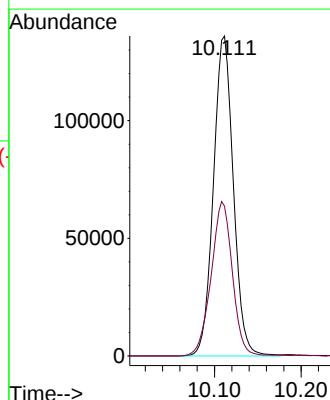
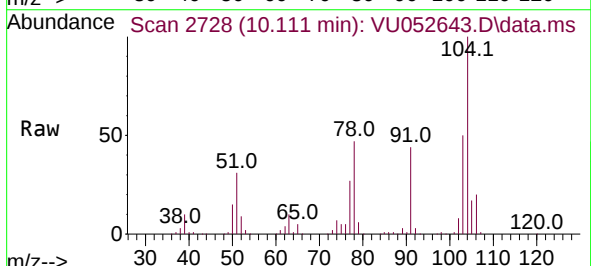
Acq: 10 Jan 2023 14:36

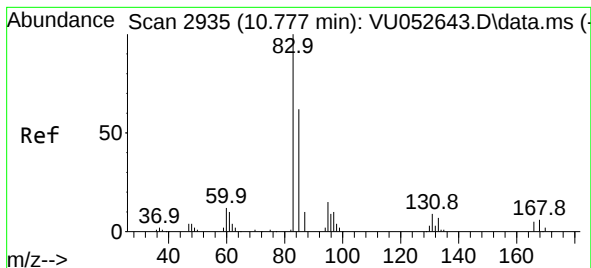
Tgt Ion:104 Resp: 217090

Ion Ratio Lower Upper

104 100

78 46.8 32.8 60.8





#57

1,1,2,2-Tetrachloroethane

Concen: 4.916 ug/L

RT: 10.777 min Scan# 2935

Delta R.T. 0.000 min

Lab File: VU052643.D

Acq: 10 Jan 2023 14:36

Instrument :

MSVOA_U

ClientSampleId :

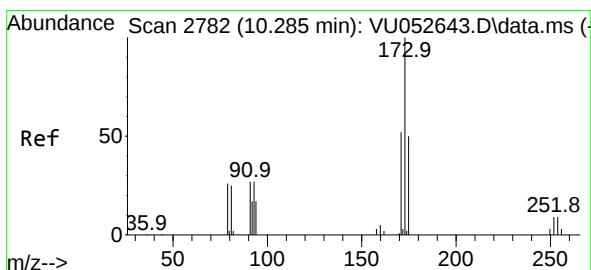
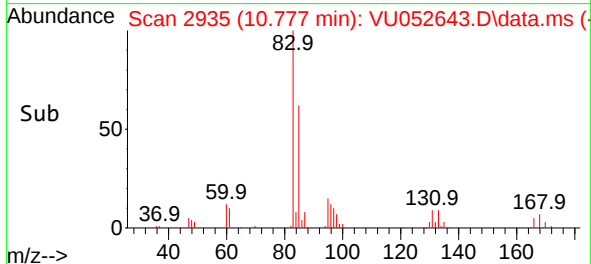
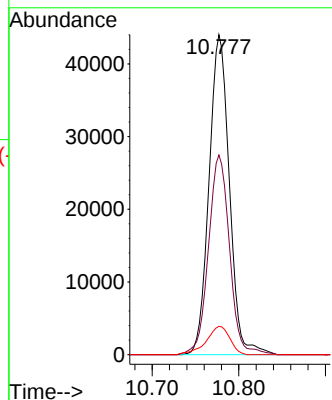
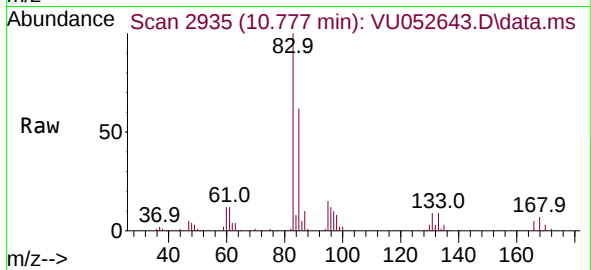
Tgt Ion: 83 Resp: 71758

Ion Ratio Lower Upper

83 100

85 62.4 43.7 81.1

131 8.8 7.0 10.6



#59

Bromoform

Concen: 4.782 ug/L

RT: 10.285 min Scan# 2782

Delta R.T. 0.000 min

Lab File: VU052643.D

Acq: 10 Jan 2023 14:36

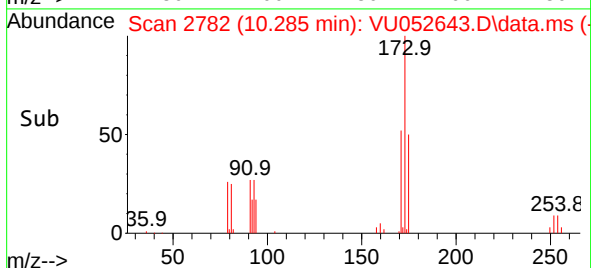
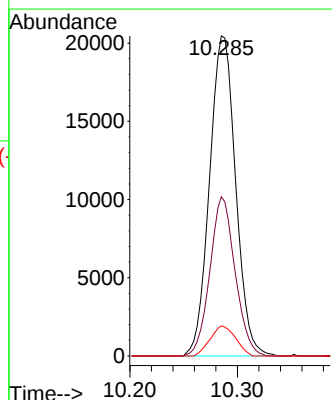
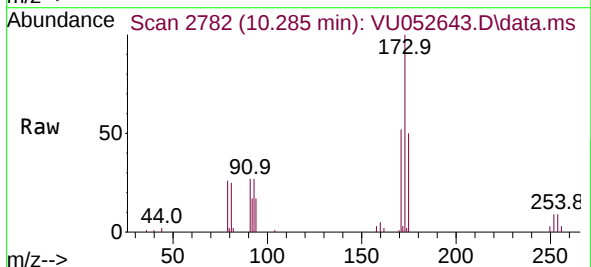
Tgt Ion:173 Resp: 34528

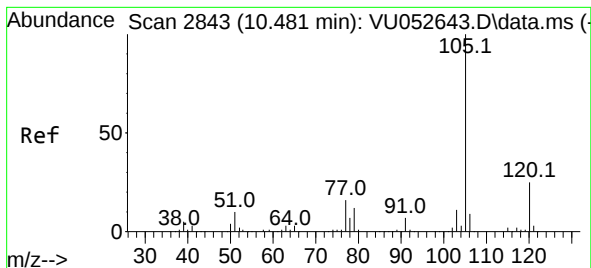
Ion Ratio Lower Upper

173 100

175 47.8 38.2 57.4

254 9.1 7.3 10.9





#60

Isopropylbenzene

Concen: 5.876 ug/L

RT: 10.481 min Scan# 2843

Delta R.T. 0.000 min

Lab File: VU052643.D

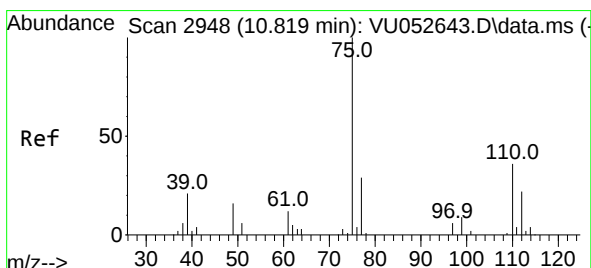
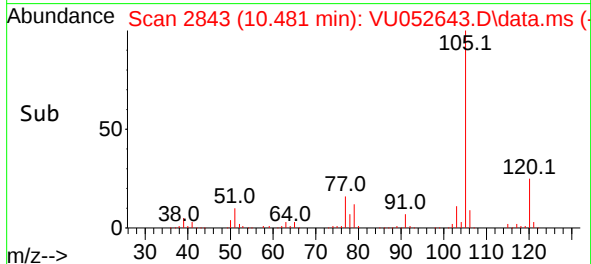
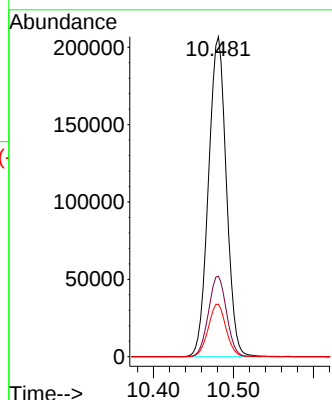
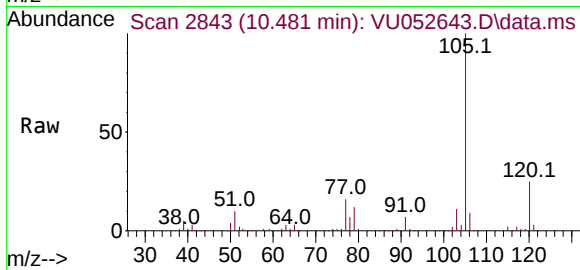
Acq: 10 Jan 2023 14:36

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	105	Resp:	321023
Ion Ratio	Lower	Upper	
105	100		
120	25.5	20.4	30.6
77	16.5	13.2	19.8



#61

1,2,3-Trichloropropane

Concen: 4.442 ug/L

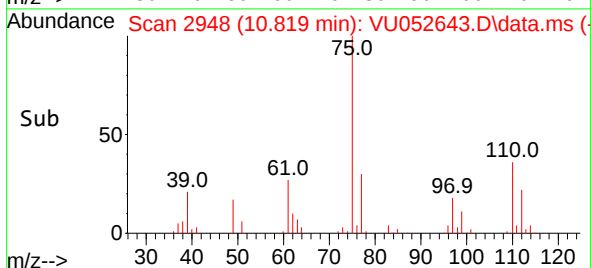
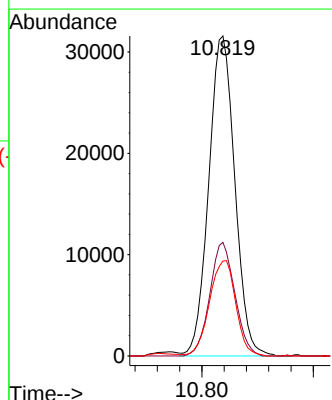
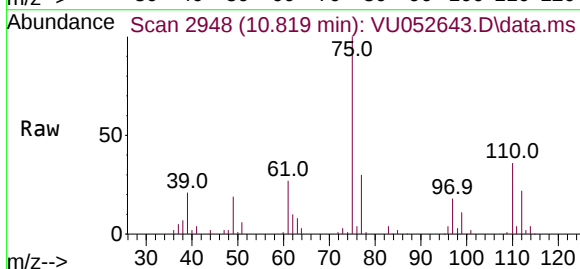
RT: 10.819 min Scan# 2948

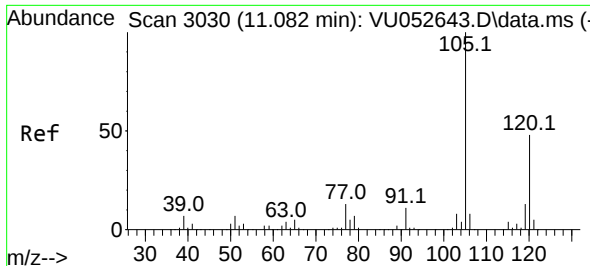
Delta R.T. 0.000 min

Lab File: VU052643.D

Acq: 10 Jan 2023 14:36

Tgt Ion:	75	Resp:	51328
Ion Ratio	Lower	Upper	
75	100		
110	34.0	27.2	40.8
77	30.0	24.0	36.0





#62

1,3,5-Trimethylbenzene

Concen: 5.677 ug/L

RT: 11.082 min Scan# 3030

Delta R.T. 0.000 min

Lab File: VU052643.D

Acq: 10 Jan 2023 14:36

Instrument :

MSVOA_U

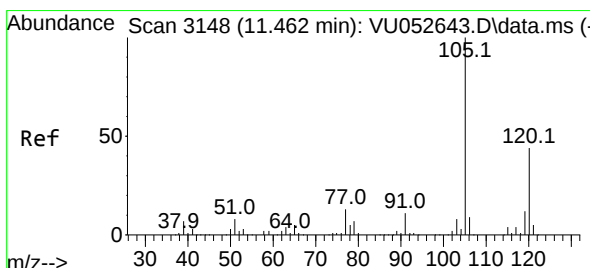
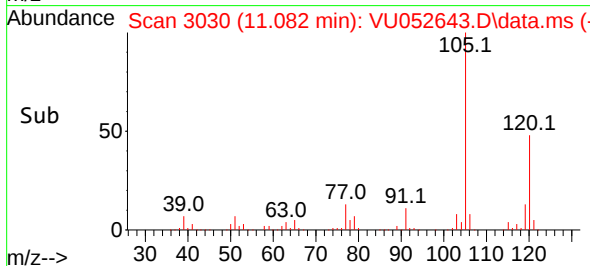
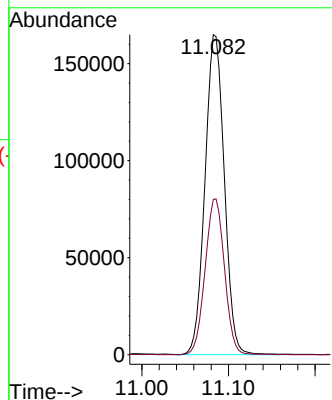
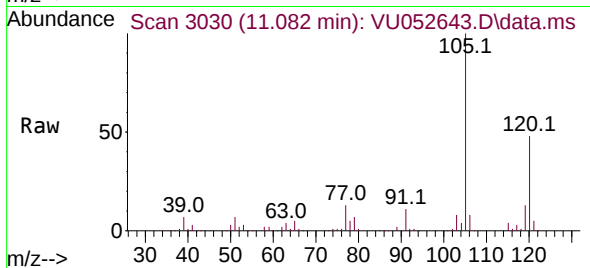
ClientSampleId :

Tgt Ion:105 Resp: 255492

Ion Ratio Lower Upper

105 100

120 48.8 39.0 58.6



#63

1,2,4-Trimethylbenzene

Concen: 5.740 ug/L

RT: 11.462 min Scan# 3148

Delta R.T. 0.000 min

Lab File: VU052643.D

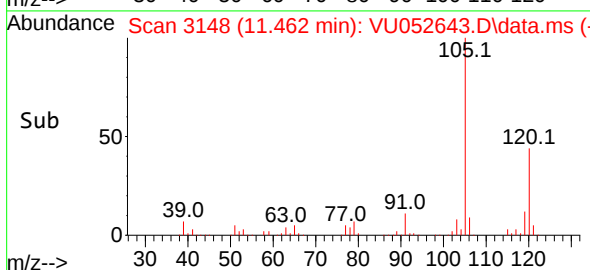
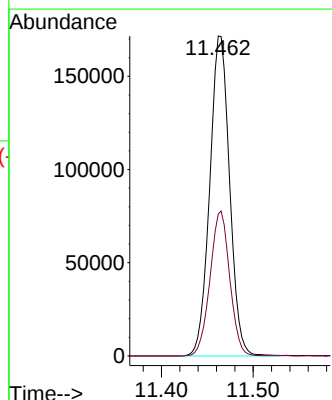
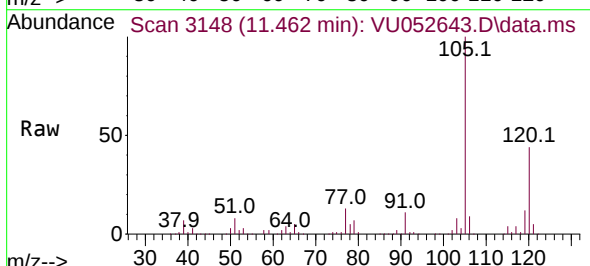
Acq: 10 Jan 2023 14:36

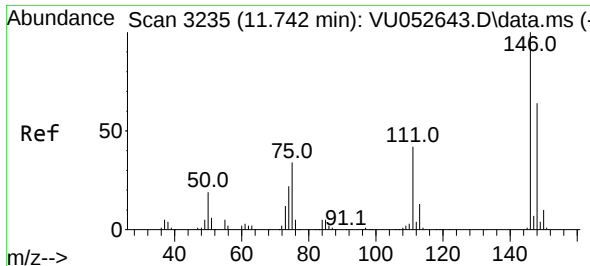
Tgt Ion:105 Resp: 258789

Ion Ratio Lower Upper

105 100

120 44.9 35.9 53.9

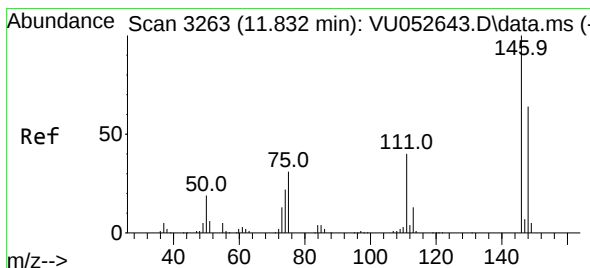
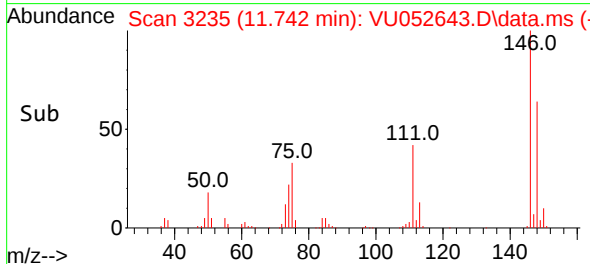
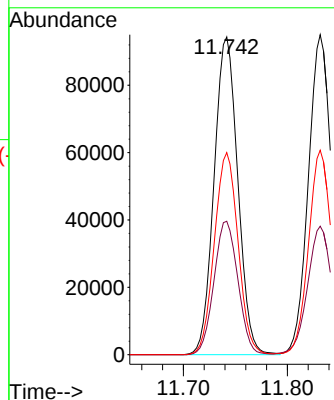
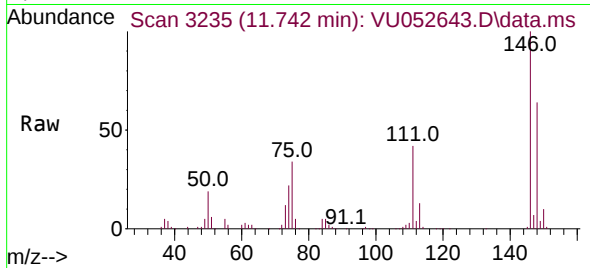




#64
1,3-Dichlorobenzene
Concen: 5.560 ug/L
RT: 11.742 min Scan# 3235
Delta R.T. 0.000 min
Lab File: VU052643.D
Acq: 10 Jan 2023 14:36

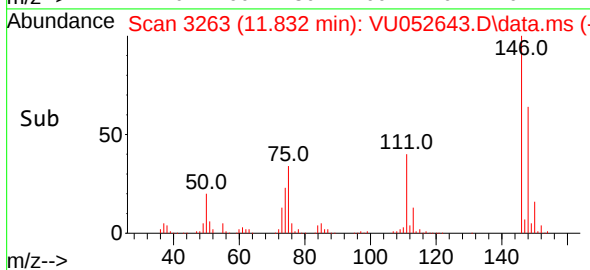
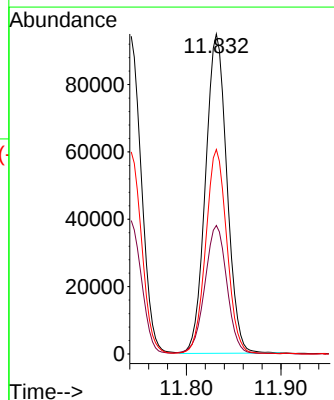
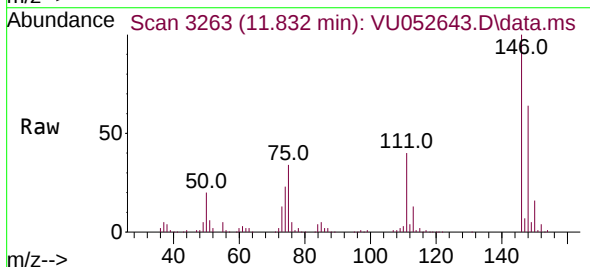
Instrument :
MSVOA_U
ClientSampleId :

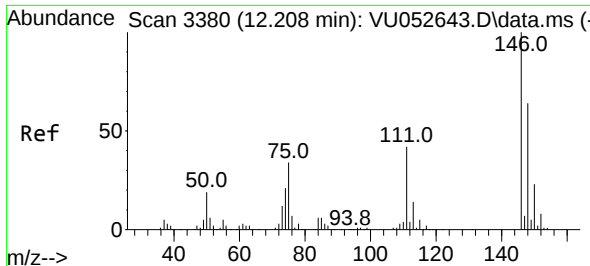
Tgt Ion:146 Resp: 149732
Ion Ratio Lower Upper
146 100
111 42.0 29.4 54.6
148 63.6 44.5 82.7



#65
1,4-Dichlorobenzene
Concen: 5.375 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. 0.000 min
Lab File: VU052643.D
Acq: 10 Jan 2023 14:36

Tgt Ion:146 Resp: 149250
Ion Ratio Lower Upper
146 100
111 40.2 28.1 52.3
148 63.9 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 5.261 ug/L

RT: 12.208 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU052643.D

Acq: 10 Jan 2023 14:36

Instrument :

MSVOA_U

ClientSampleId :

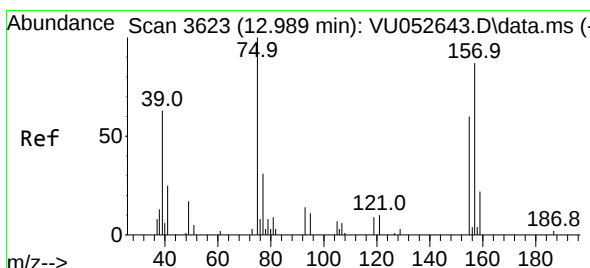
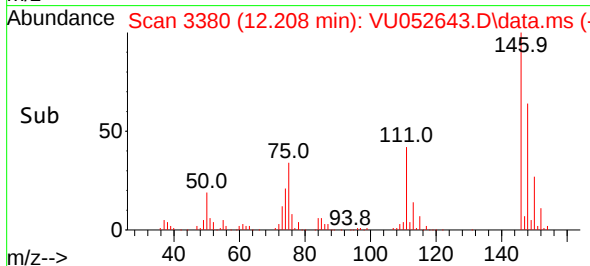
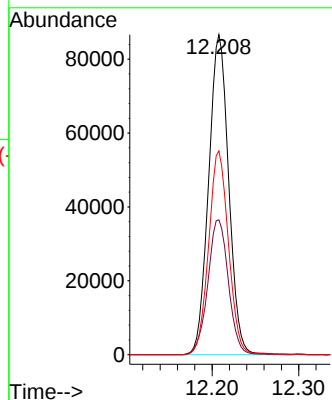
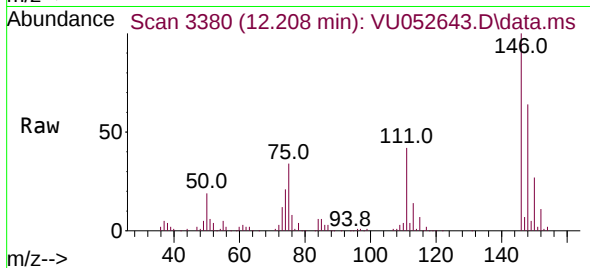
Tgt Ion:146 Resp: 139076

Ion Ratio Lower Upper

146 100

111 42.2 33.8 50.6

148 63.7 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 4.303 ug/L

RT: 12.989 min Scan# 3623

Delta R.T. 0.000 min

Lab File: VU052643.D

Acq: 10 Jan 2023 14:36

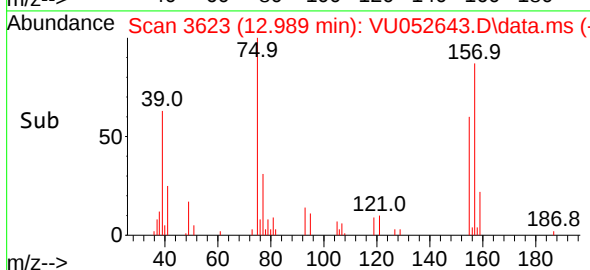
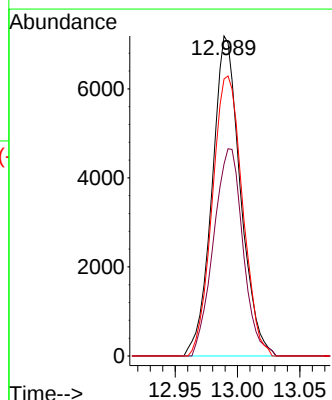
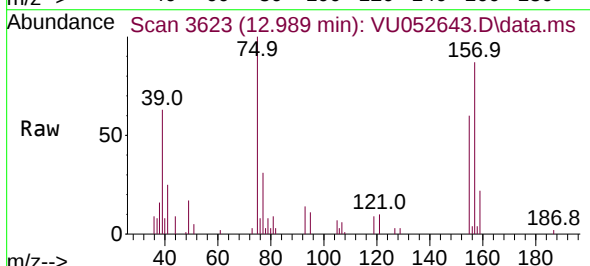
Tgt Ion: 75 Resp: 11352

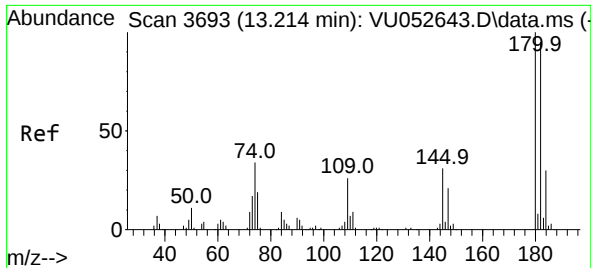
Ion Ratio Lower Upper

75 100

155 60.0 48.0 72.0

157 86.6 69.3 103.9





#69

1,3,5-Trichlorobenzene

Concen: 5.310 ug/L

RT: 13.214 min Scan# 3693

Delta R.T. 0.000 min

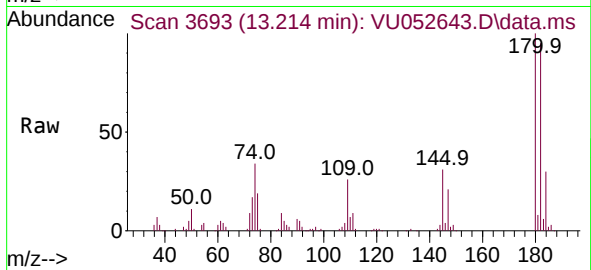
Lab File: VU052643.D

Acq: 10 Jan 2023 14:36

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 104544

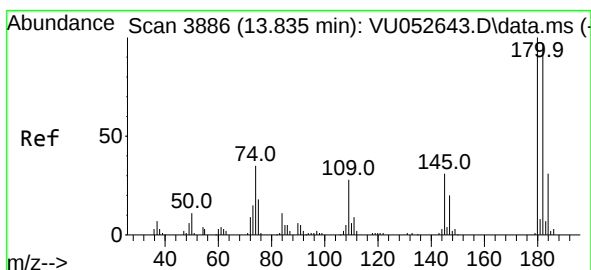
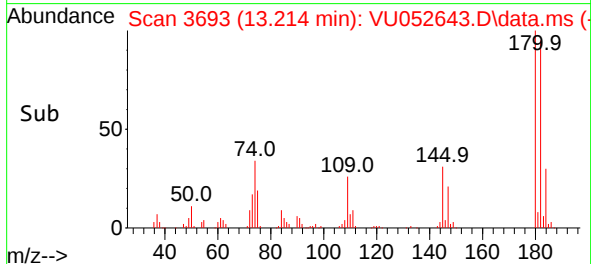
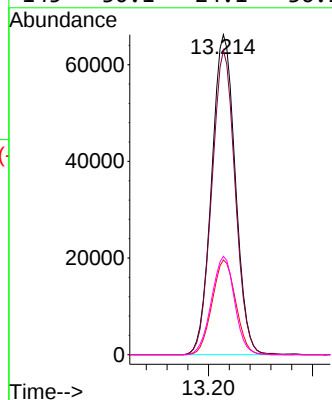
Ion Ratio Lower Upper

180 100

182 93.9 75.1 112.7

184 29.5 23.6 35.4

145 30.1 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 4.980 ug/L

RT: 13.835 min Scan# 3886

Delta R.T. 0.000 min

Lab File: VU052643.D

Acq: 10 Jan 2023 14:36

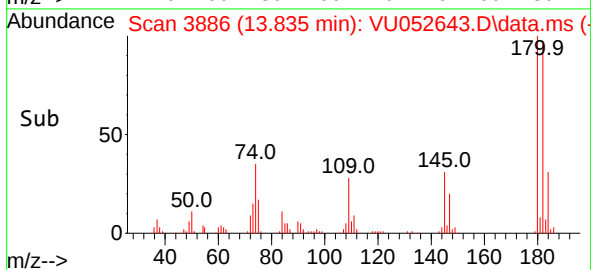
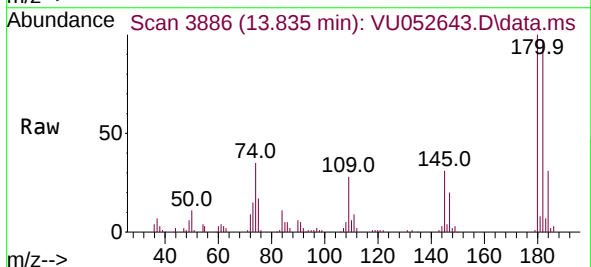
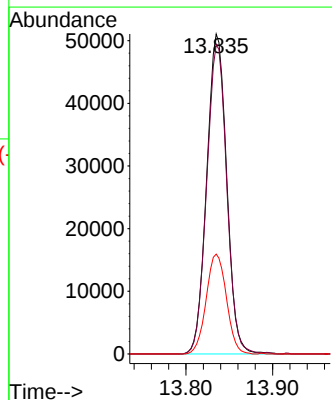
Tgt Ion:180 Resp: 81877

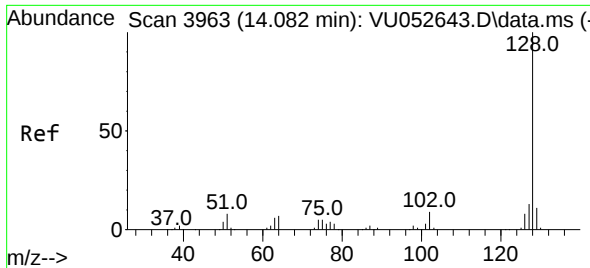
Ion Ratio Lower Upper

180 100

182 96.9 77.5 116.3

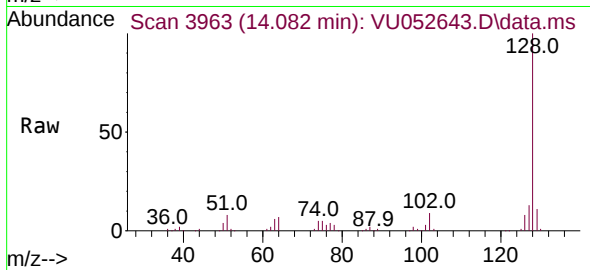
145 31.6 25.3 37.9



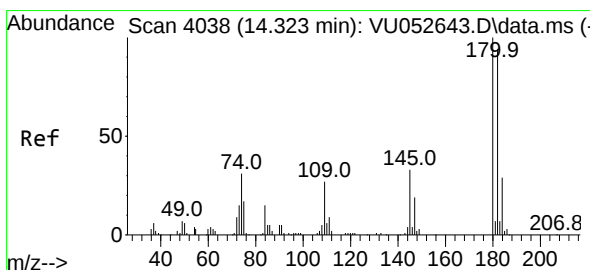
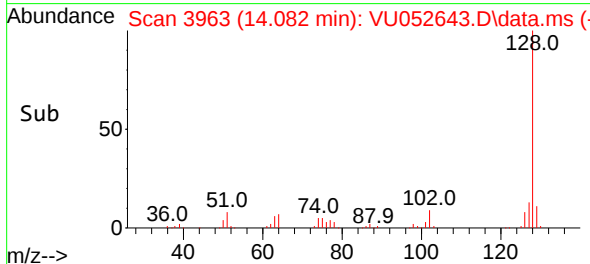
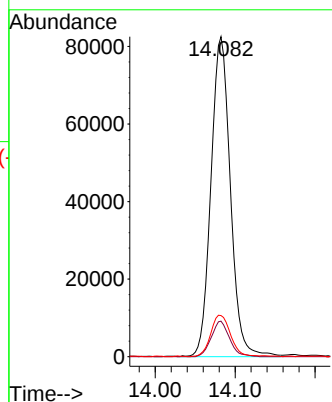


#71
Naphthalene
Concen: 4.271 ug/L
RT: 14.082 min Scan# 3963
Delta R.T. 0.000 min
Lab File: VU052643.D
Acq: 10 Jan 2023 14:36

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 139263
Ion Ratio Lower Upper
128 100
129 10.4 8.3 12.5
127 13.5 10.8 16.2



#72
1,2,3-Trichlorobenzene
Concen: 4.659 ug/L
RT: 14.323 min Scan# 4038
Delta R.T. 0.000 min
Lab File: VU052643.D
Acq: 10 Jan 2023 14:36

Tgt Ion:180 Resp: 75544
Ion Ratio Lower Upper
180 100
182 94.7 75.8 113.6
145 33.1 26.5 39.7

