

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051022\
 Data File : VU048479.D
 Acq On : 10 May 2022 10:02
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 11 05:14:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM050622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 09 13:04:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	310549	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	300350	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	173095	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	95352	35.652	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.300%
7) Chloroethane-d5	1.912	69	71106	40.737	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.480%
11) 1,1-Dichloroethene-d2	2.572	63	207749	43.646	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.300%
21) 2-Butanone-d5	4.629	46	214608	94.221	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.220%
24) Chloroform-d	5.067	84	223214	48.050	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.100%
26) 1,2-Dichloroethane-d4	5.703	65	149344	49.456	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.920%
32) Benzene-d6	5.729	84	409383	44.854	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.700%
36) 1,2-Dichloropropane-d6	6.690	67	126973	42.661	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.320%
41) Toluene-d8	7.899	98	370753	45.930	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.860%
43) trans-1,3-Dichloroprop...	8.179	79	70272	51.298	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.600%
47) 2-Hexanone-d5	8.632	63	160451	111.382	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.380%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	201768	44.505	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.020%
66) 1,2-Dichlorobenzene-d4	12.192	152	150776	43.989	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.980%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	140846	50.137	ug/L	99
3) Chloromethane	1.523	50	117910	36.695	ug/L	98
5) Vinyl chloride	1.604	62	122769	40.218	ug/L	99
6) Bromomethane	1.861	94	77349	51.238	ug/L	96
8) Chloroethane	1.935	64	69935	42.613	ug/L	99
9) Trichlorofluoromethane	2.141	101	202516	50.494	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	111839	48.593	ug/L	98
12) 1,1-Dichloroethene	2.581	96	101263	46.535	ug/L	98
13) Acetone	2.639	43	173406	100.982	ug/L	99
14) Carbon disulfide	2.797	76	298984	44.328	ug/L	99
15) Methyl Acetate	2.951	43	146624	41.680	ug/L	92
16) Methylene chloride	3.047	84	120676	45.349	ug/L	90
17) trans-1,2-Dichloroethene	3.356	96	109936	47.354	ug/L	98
18) Methyl tert-butyl Ether	3.366	73	394760	50.492	ug/L	97
19) 1,1-Dichloroethane	3.874	63	215767	45.073	ug/L	98
20) cis-1,2-Dichloroethene	4.668	96	124572	47.550	ug/L	94
22) 2-Butanone	4.710	43	234191	91.233	ug/L	96
23) Bromochloromethane	4.977	128	65807	47.664	ug/L	92
25) Chloroform	5.089	83	231995	49.078	ug/L	98

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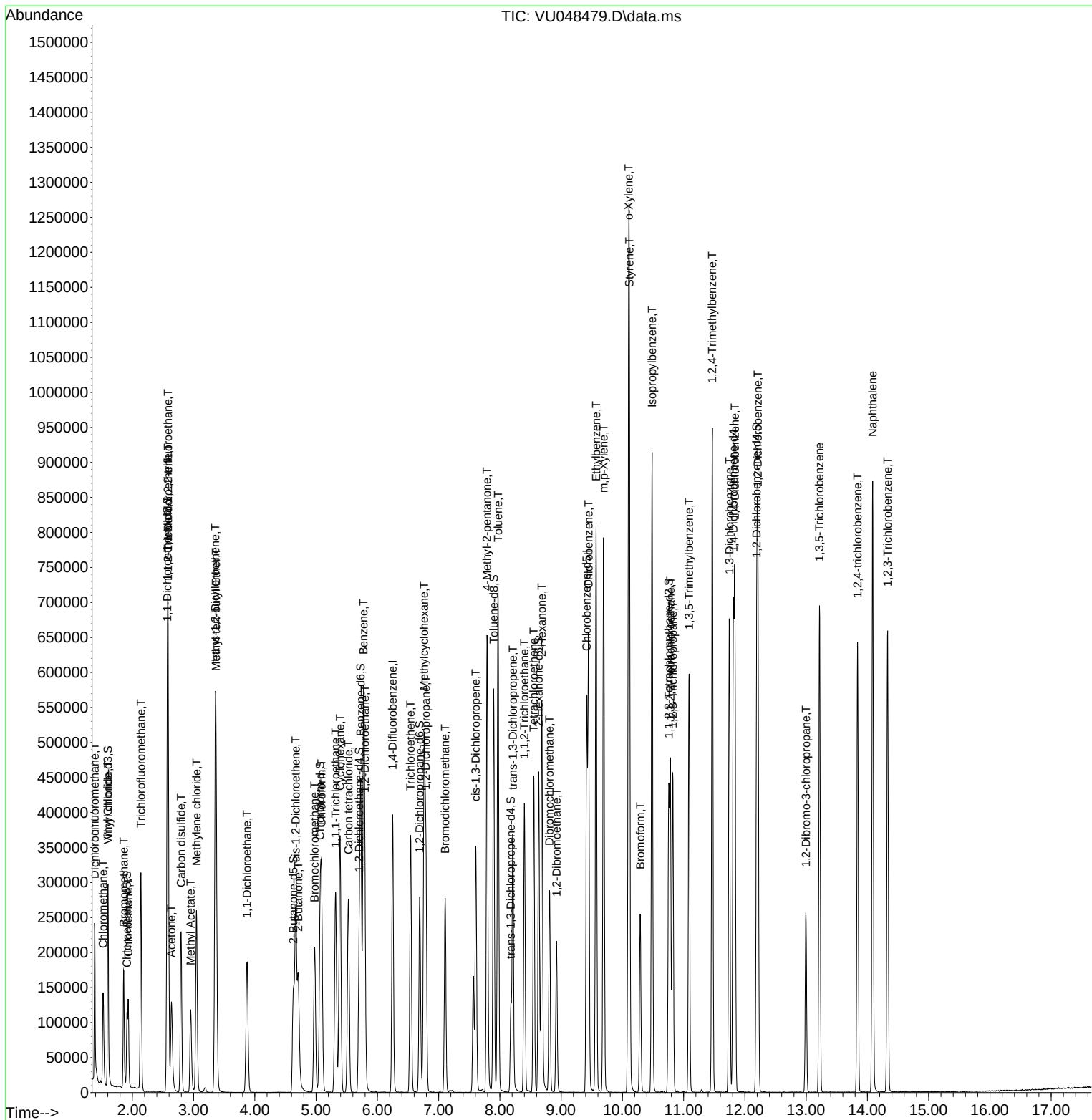
Instrument :
 MSVOA_U
 ClientSampleId :

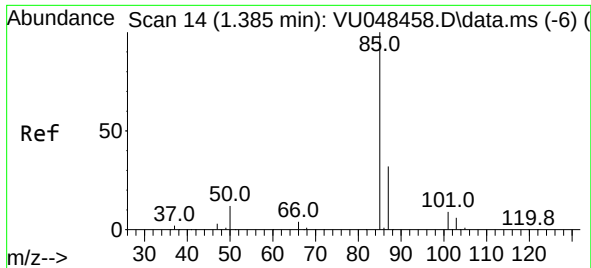
Quant Time: May 11 05:14:17 2022
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 Quant Title : VOC Analysis
 QLast Update : Mon May 09 13:04:47 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	200576	51.608	ug/L	97
29) Cyclohexane	5.391	56	182854	44.118	ug/L	92
30) 1,1,1-Trichloroethane	5.317	97	215855	51.750	ug/L	99
31) Carbon tetrachloride	5.526	117	193413	54.153	ug/L	100
33) Benzene	5.774	78	482878	46.694	ug/L	100
34) Trichloroethene	6.542	95	125684	49.442	ug/L	98
35) Methylcyclohexane	6.764	83	197593	48.719	ug/L	98
37) 1,2-Dichloropropane	6.793	63	128185	44.411	ug/L	100
38) Bromodichloromethane	7.105	83	180733	51.426	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	205614	50.084	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	412999	89.304	ug/L	96
42) Toluene	7.970	91	513866	48.145	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	206300	51.710	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	122262	46.840	ug/L	98
46) Tetrachloroethene	8.552	164	96034	50.289	ug/L	96
48) 2-Hexanone	8.684	43	336716	87.610	ug/L	96
49) Dibromochloromethane	8.809	129	150287	53.614	ug/L	95
50) 1,2-Dibromoethane	8.925	107	139514	50.564	ug/L	99
51) Chlorobenzene	9.446	112	334205	49.696	ug/L	99
52) Ethylbenzene	9.571	91	560133	50.379	ug/L	98
53) m,p-Xylene	9.693	106	226657	52.814	ug/L	99
54) o-Xylene	10.102	106	219658	50.874	ug/L	97
55) Styrene	10.115	104	384514	54.774	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	218080	44.578	ug/L	98
59) Bromoform	10.291	173	116456	47.438	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	189251	41.885	ug/L	98
61) Isopropylbenzene	10.484	105	574229	47.343	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	325834	48.732	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	506955	50.911	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	272377	47.614	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	275385	48.015	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	273085	46.649	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	67090	50.660	ug/L	98
69) 1,3,5-Trichlorobenzene	13.217	180	211068	52.184	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	192887	54.914	ug/L	99
71) Naphthalene	14.086	128	687292	50.810	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	196573	52.618	ug/L	99

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

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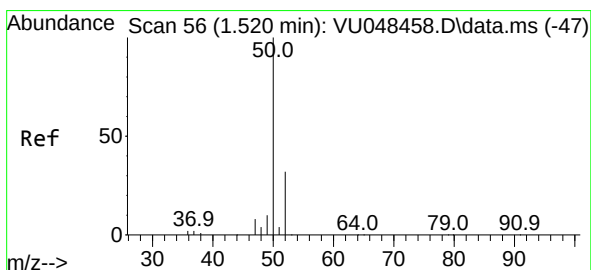
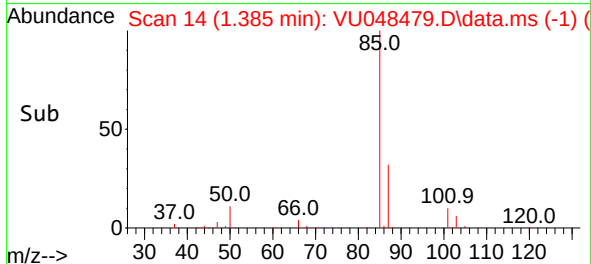
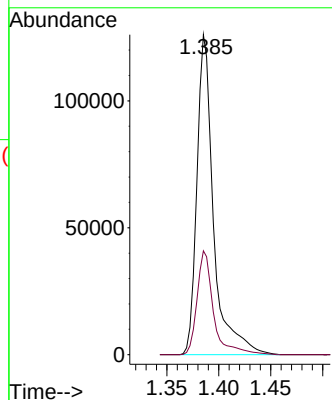
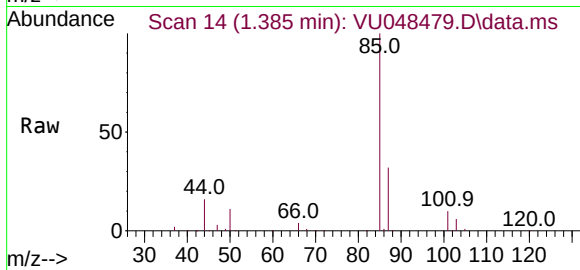




#2
Dichlorodifluoromethane
Concen: 50.137 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU048479.D
Acq: 10 May 2022 10:02

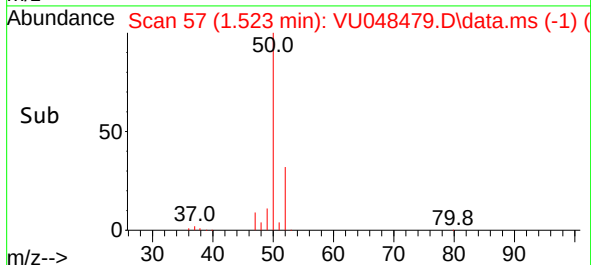
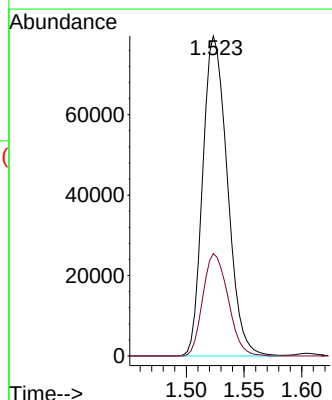
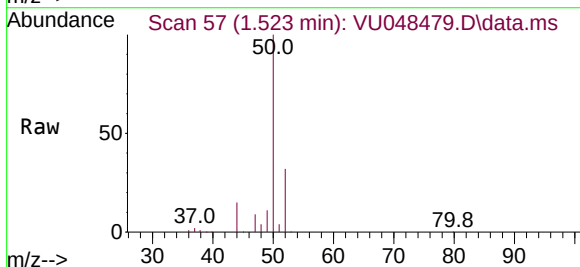
Instrument :
MSVOA_U
ClientSampleId :

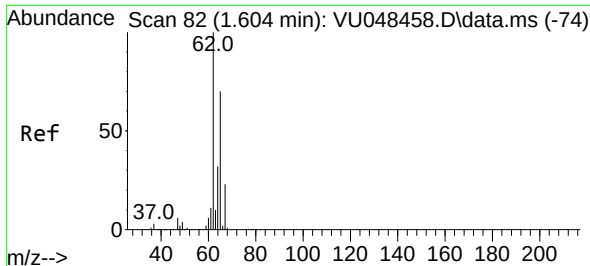
Tgt Ion: 85 Resp: 140846
Ion Ratio Lower Upper
85 100
87 32.2 26.2 39.4



#3
Chloromethane
Concen: 36.695 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU048479.D
Acq: 10 May 2022 10:02

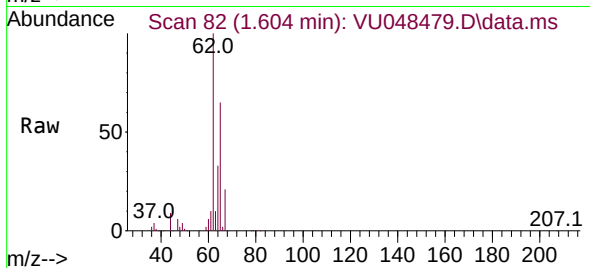
Tgt Ion: 50 Resp: 117910
Ion Ratio Lower Upper
50 100
52 31.9 23.0 42.8



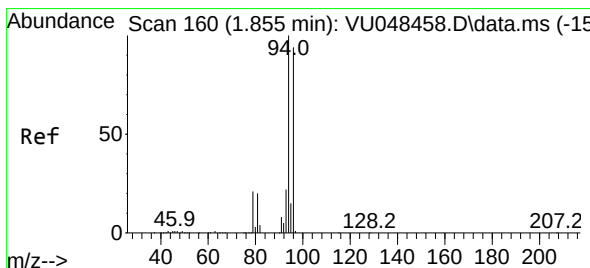
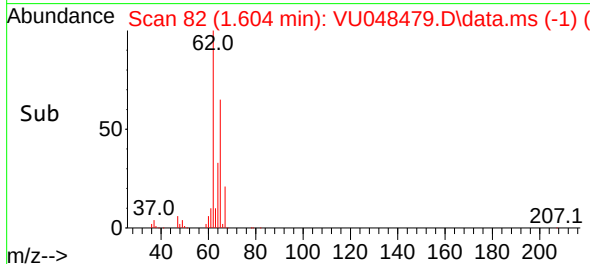
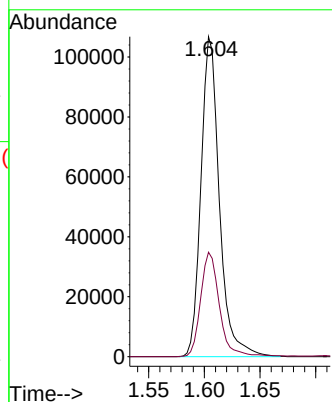


#5
 Vinyl chloride
 Concen: 40.218 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU048479.D
 Acq: 10 May 2022 10:02

Instrument :
 MSVOA_U
 ClientSampleId :

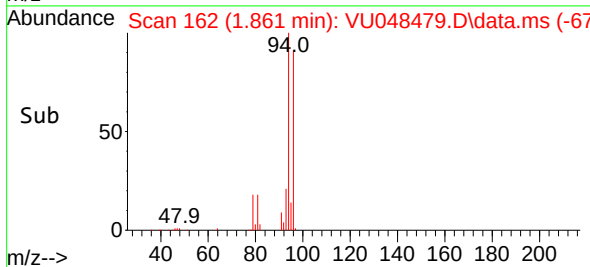
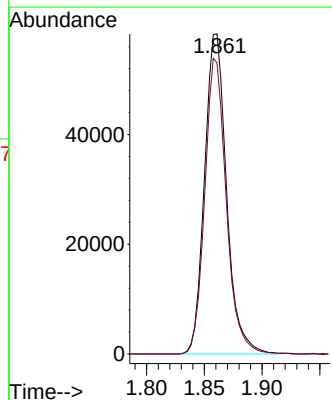
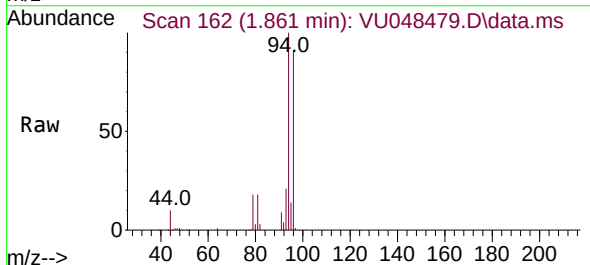


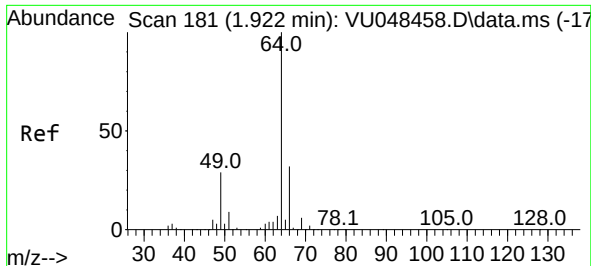
Tgt Ion: 62 Resp: 122769
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.2 43.0



#6
 Bromomethane
 Concen: 51.238 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. 0.006 min
 Lab File: VU048479.D
 Acq: 10 May 2022 10:02

Tgt Ion: 94 Resp: 77349
 Ion Ratio Lower Upper
 94 100
 96 91.0 66.5 123.5

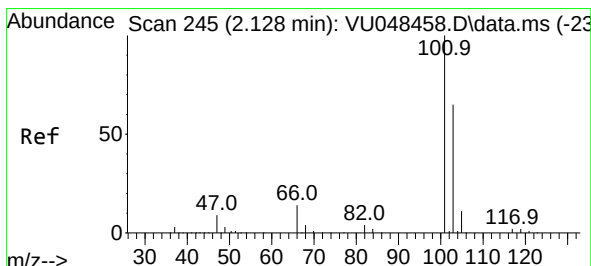
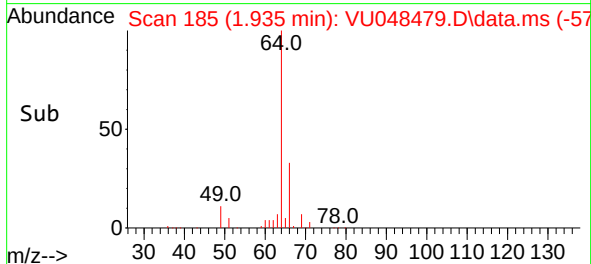
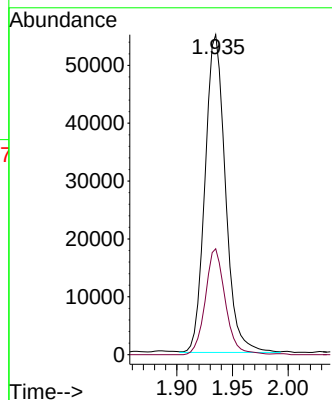
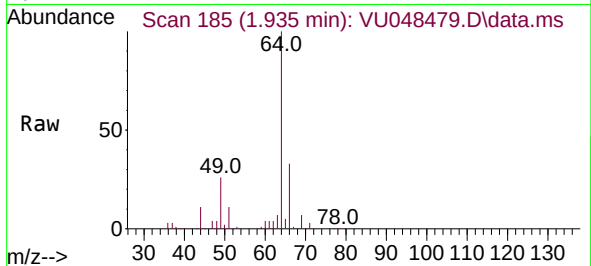




#8
Chloroethane
Concen: 42.613 ug/L
RT: 1.935 min Scan# 181
Delta R.T. 0.013 min
Lab File: VU048479.D
Acq: 10 May 2022 10:02

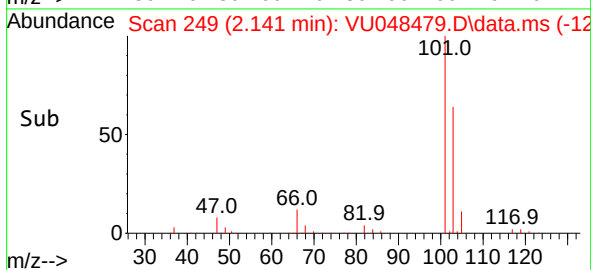
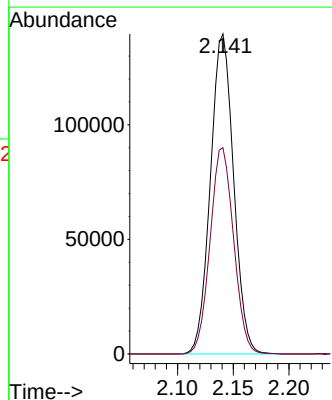
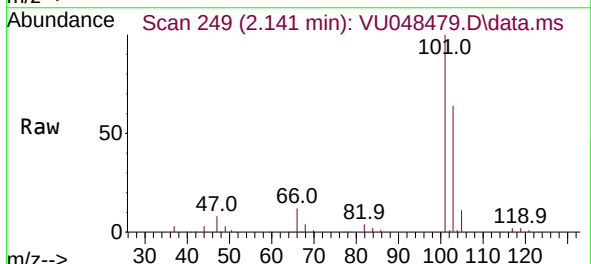
Instrument :
MSVOA_U
ClientSampleId :

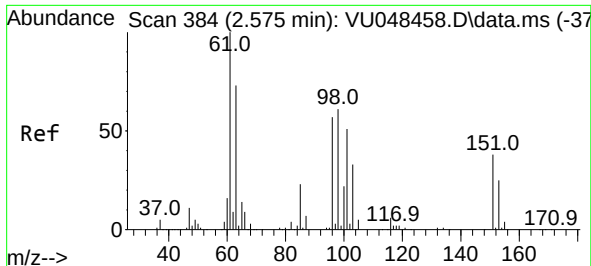
Tgt Ion: 64 Resp: 69935
Ion Ratio Lower Upper
64 100
66 33.1 22.8 42.4



#9
Trichlorofluoromethane
Concen: 50.494 ug/L
RT: 2.141 min Scan# 249
Delta R.T. 0.013 min
Lab File: VU048479.D
Acq: 10 May 2022 10:02

Tgt Ion:101 Resp: 202516
Ion Ratio Lower Upper
101 100
103 65.4 52.0 78.0





#10

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

Concen: 48.593 ug/L

RT: 2.584 min Scan# 387

Delta R.T. 0.010 min

Lab File: VU048479.D

Acq: 10 May 2022 10:02

Instrument :

MSVOA_U

ClientSampleId :

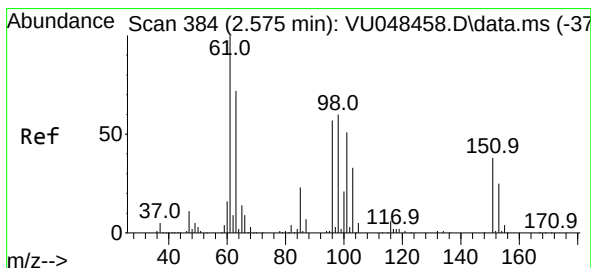
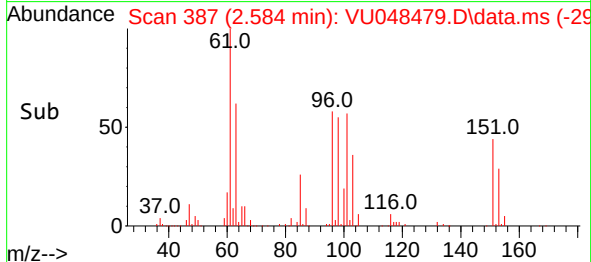
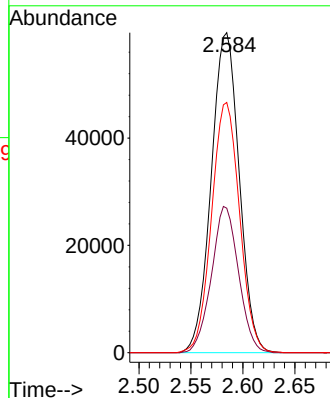
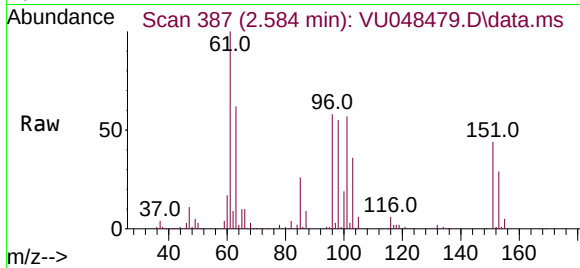
Tgt Ion:101 Resp: 111839

Ion Ratio Lower Upper

101 100

85 44.2 34.8 52.2

151 78.2 60.7 91.1



#12

1,1-Dichloroethene

Concen: 46.535 ug/L

RT: 2.581 min Scan# 386

Delta R.T. 0.006 min

Lab File: VU048479.D

Acq: 10 May 2022 10:02

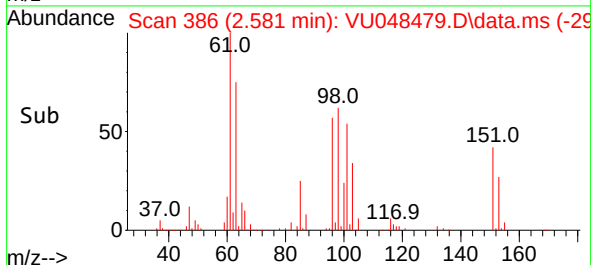
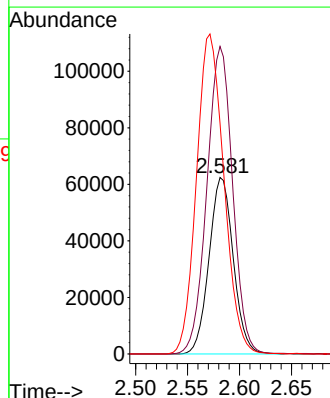
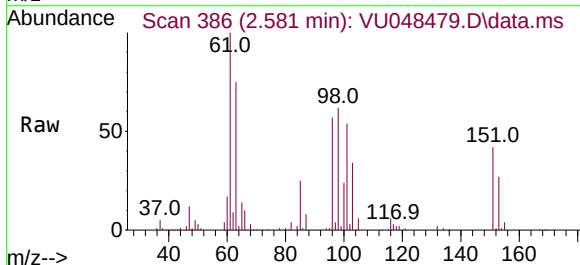
Tgt Ion: 96 Resp: 101263

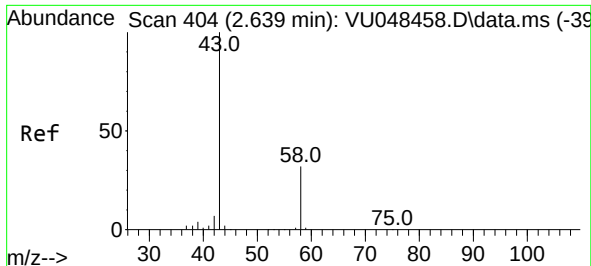
Ion Ratio Lower Upper

96 100

61 174.2 124.5 231.3

63 130.7 92.5 171.9





#13

Acetone

Concen: 100.982 ug/L

RT: 2.639 min Scan# 404

Delta R.T. -0.000 min

Lab File: VU048479.D

Acq: 10 May 2022 10:02

Instrument :

MSVOA_U

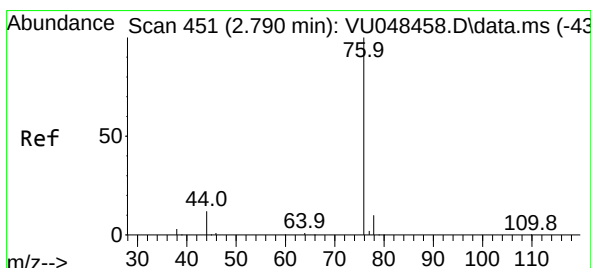
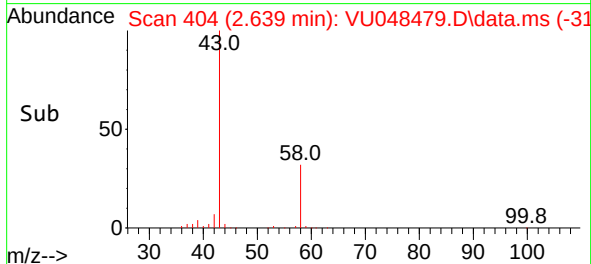
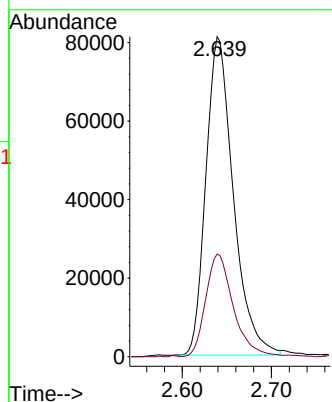
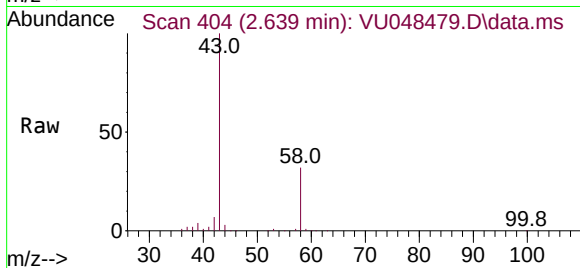
ClientSampleId :

Tgt Ion: 43 Resp: 173406

Ion Ratio Lower Upper

43 100

58 32.4 0.0 66.2



#14

Carbon disulfide

Concen: 44.328 ug/L

RT: 2.797 min Scan# 453

Delta R.T. 0.006 min

Lab File: VU048479.D

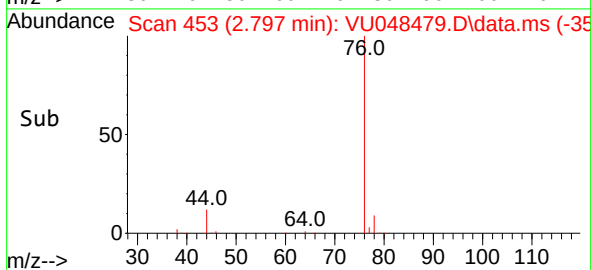
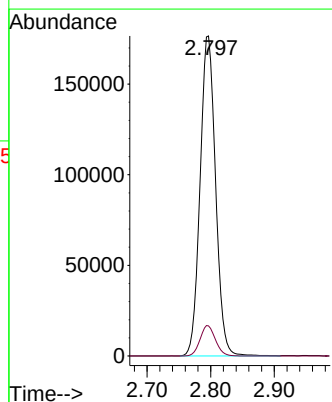
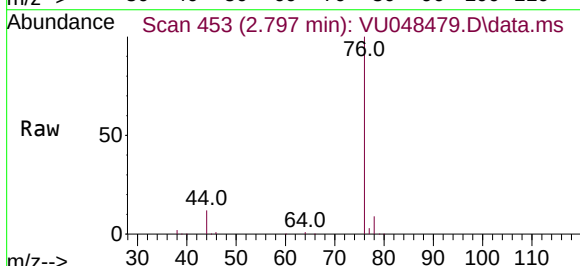
Acq: 10 May 2022 10:02

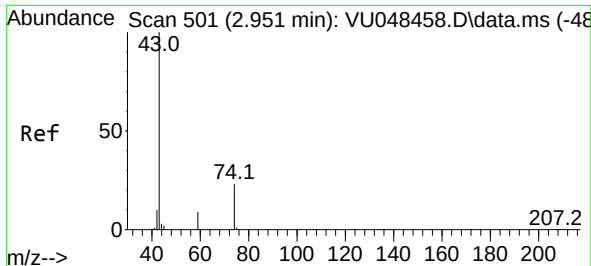
Tgt Ion: 76 Resp: 298984

Ion Ratio Lower Upper

76 100

78 9.4 7.3 10.9

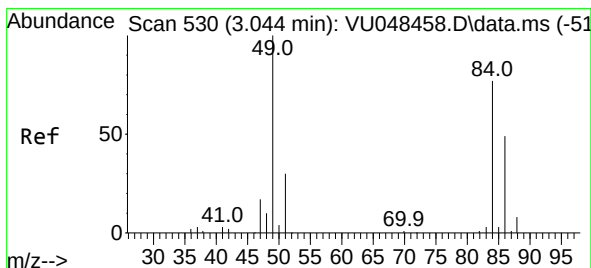
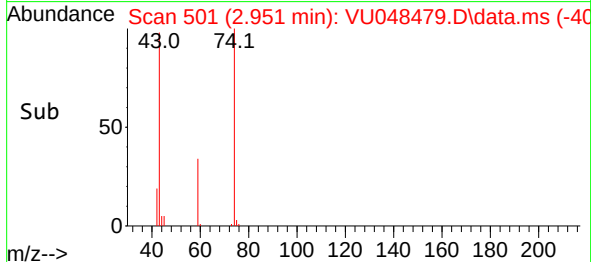
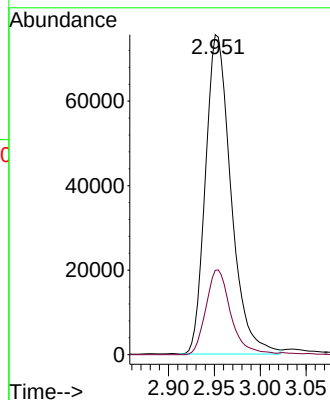
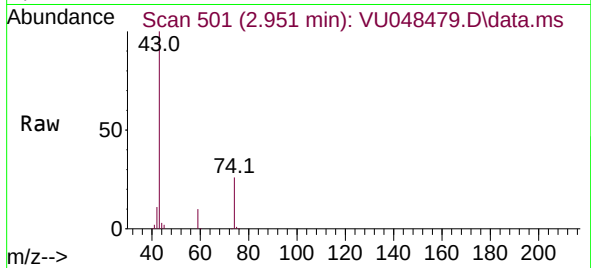




#15
Methyl Acetate
Concen: 41.680 ug/L
RT: 2.951 min Scan# 501
Delta R.T. -0.000 min
Lab File: VU048479.D
Acq: 10 May 2022 10:02

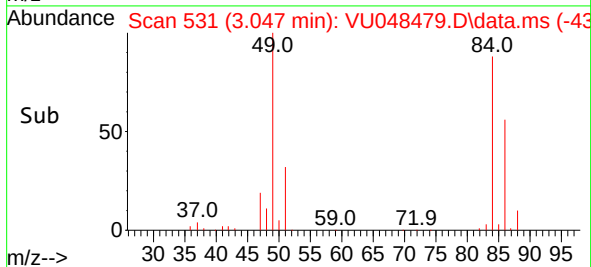
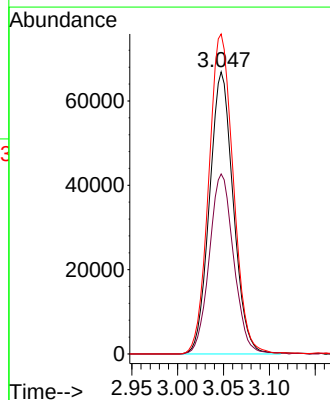
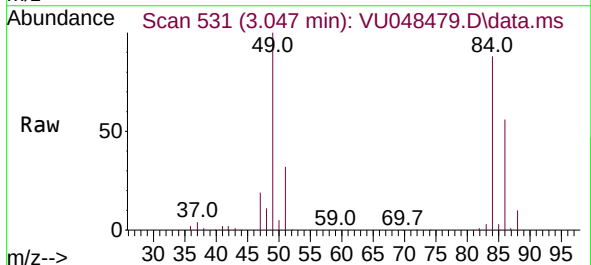
Instrument :
MSVOA_U
ClientSampleId :

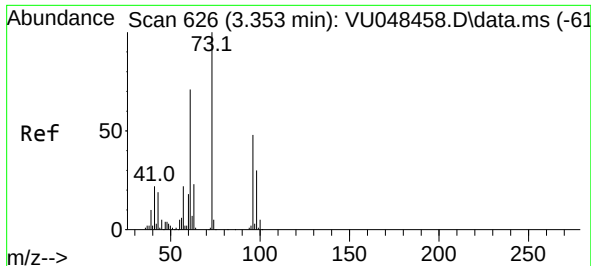
Tgt Ion: 43 Resp: 146624
Ion Ratio Lower Upper
43 100
74 25.9 17.6 26.4



#16
Methylene chloride
Concen: 45.349 ug/L
RT: 3.047 min Scan# 531
Delta R.T. 0.003 min
Lab File: VU048479.D
Acq: 10 May 2022 10:02

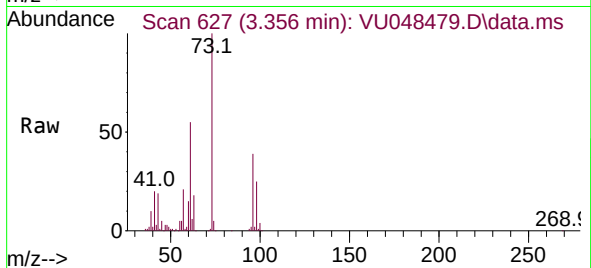
Tgt Ion: 84 Resp: 120676
Ion Ratio Lower Upper
84 100
86 63.8 44.8 83.2
49 113.4 92.0 170.8



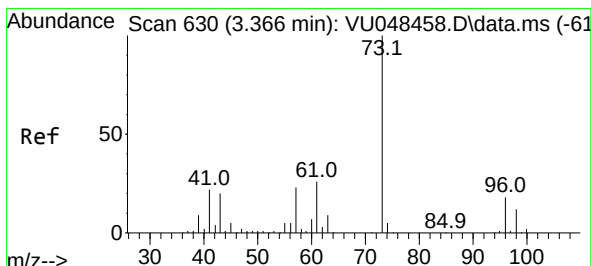
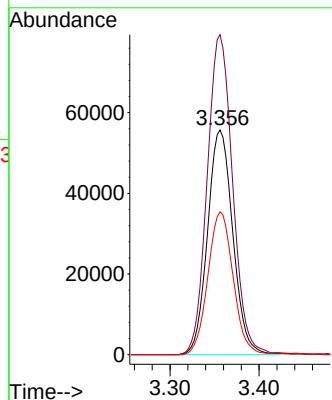
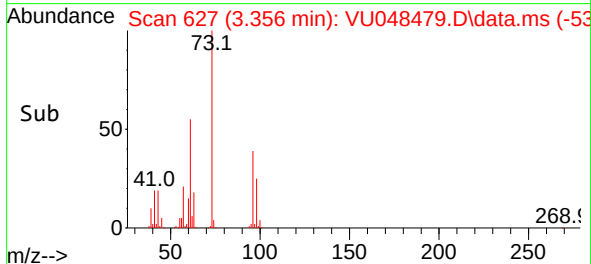


#17
trans-1,2-Dichloroethene
Concen: 47.354 ug/L
RT: 3.356 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU048479.D
Acq: 10 May 2022 10:02

Instrument :
MSVOA_U
ClientSampleId :

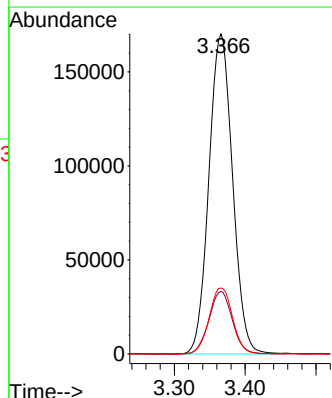
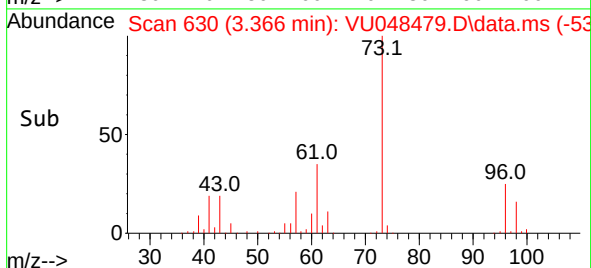
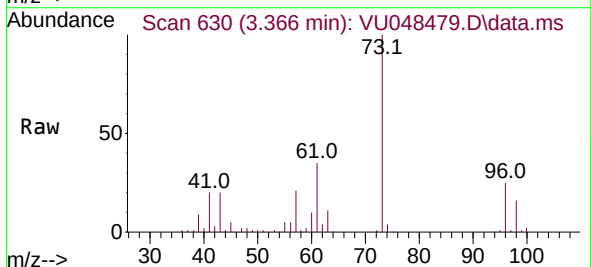


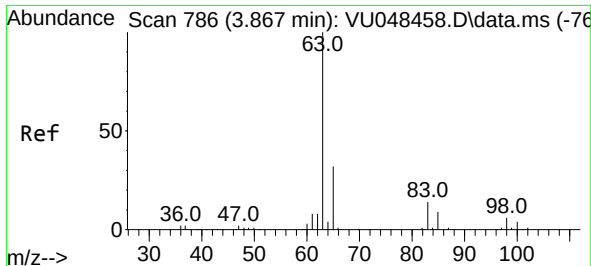
Tgt Ion: 96 Resp: 109936
Ion Ratio Lower Upper
96 100
61 142.4 101.2 187.8
98 63.6 43.3 80.3



#18
Methyl tert-butyl Ether
Concen: 50.492 ug/L
RT: 3.366 min Scan# 630
Delta R.T. -0.000 min
Lab File: VU048479.D
Acq: 10 May 2022 10:02

Tgt Ion: 73 Resp: 394760
Ion Ratio Lower Upper
73 100
43 19.3 15.6 23.4
57 20.4 18.1 27.1





#19

1,1-Dichloroethane

Concen: 45.073 ug/L

RT: 3.874 min Scan# 71

Delta R.T. 0.006 min

Lab File: VU048479.D

Acq: 10 May 2022 10:02

Instrument :

MSVOA_U

ClientSampleId :

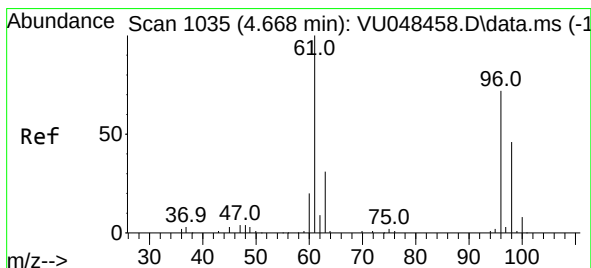
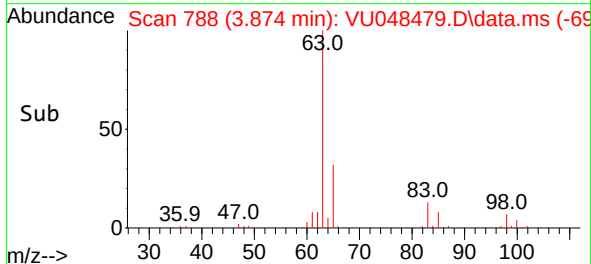
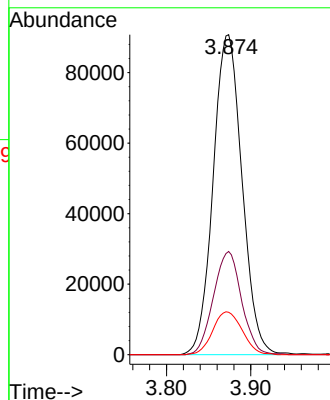
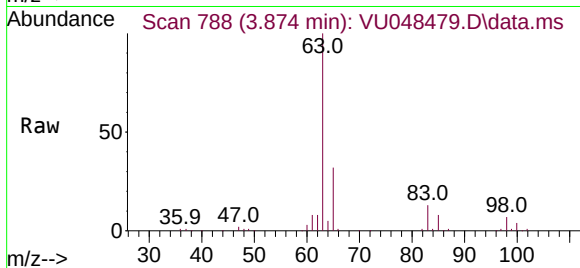
Tgt Ion: 63 Resp: 215767

Ion Ratio Lower Upper

63 100

65 32.2 22.0 41.0

83 13.3 8.5 15.9



#20

cis-1,2-Dichloroethene

Concen: 47.550 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VU048479.D

Acq: 10 May 2022 10:02

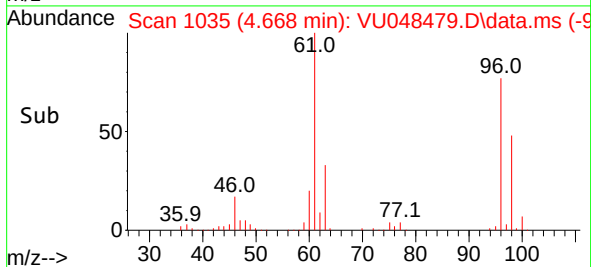
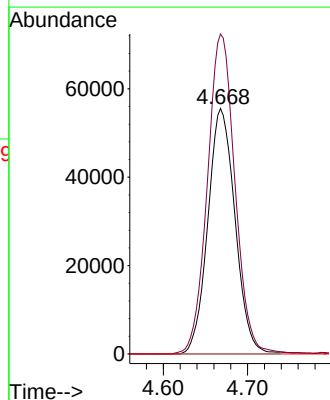
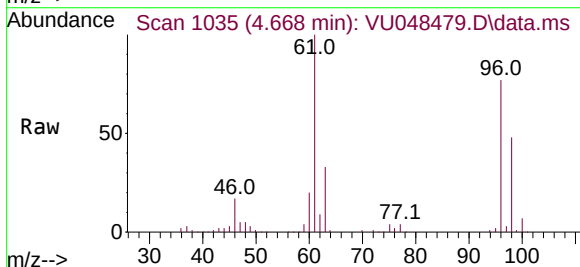
Tgt Ion: 96 Resp: 124572

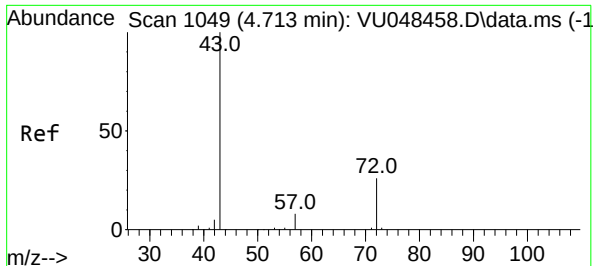
Ion Ratio Lower Upper

96 100

61 130.3 96.2 178.8

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 91.233 ug/L

RT: 4.710 min Scan# 1049

Delta R.T. -0.003 min

Lab File: VU048479.D

Acq: 10 May 2022 10:02

Instrument :

MSVOA_U

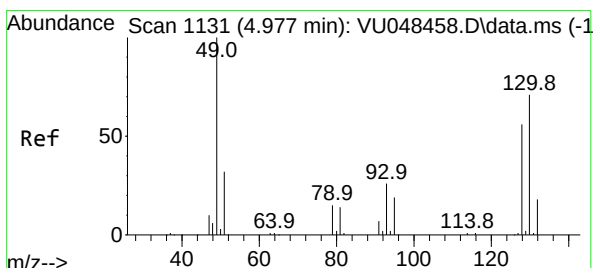
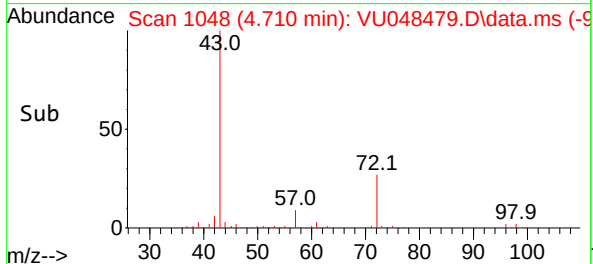
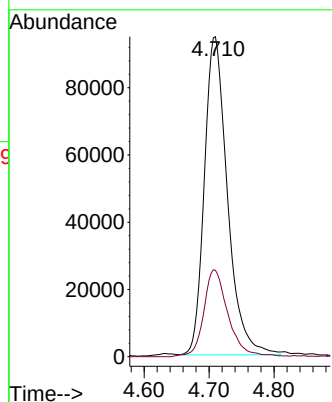
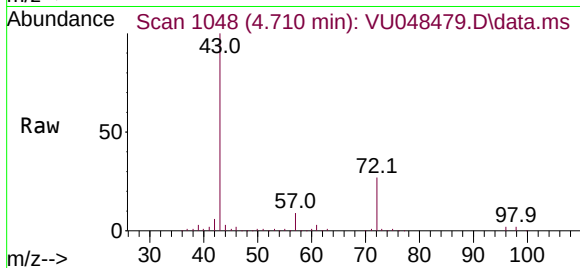
ClientSampleId :

Tgt Ion: 43 Resp: 234191

Ion Ratio Lower Upper

43 100

72 28.5 13.3 39.9



#23

Bromochloromethane

Concen: 47.664 ug/L

RT: 4.977 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VU048479.D

Acq: 10 May 2022 10:02

Tgt Ion:128 Resp: 65807

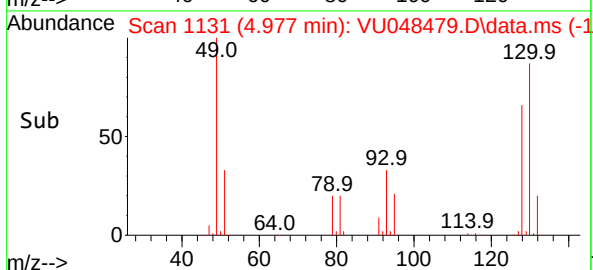
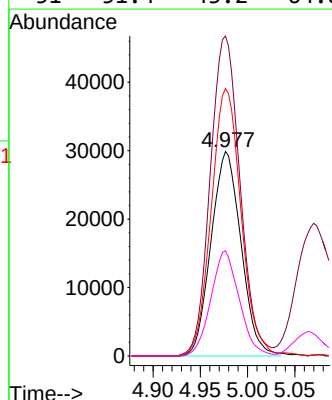
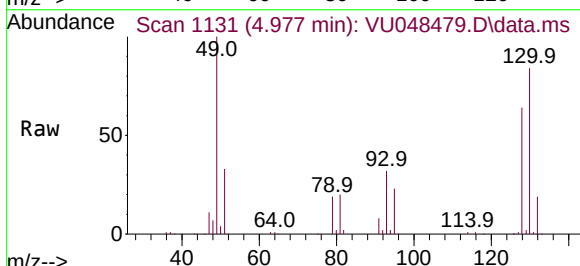
Ion Ratio Lower Upper

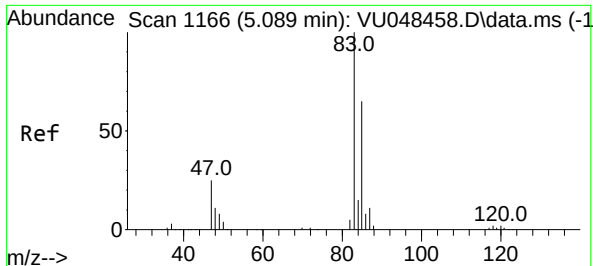
128 100

49 156.5 123.1 228.7

130 130.8 93.6 173.8

51 51.4 43.2 64.8





#25

Chloroform

Concen: 49.078 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VU048479.D

Acq: 10 May 2022 10:02

Instrument :

MSVOA_U

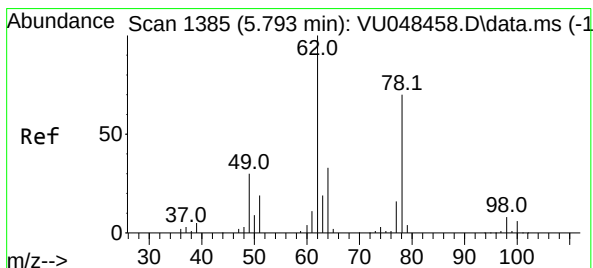
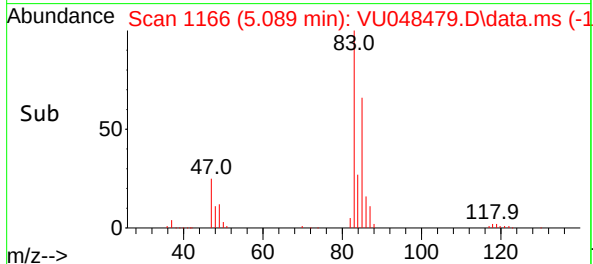
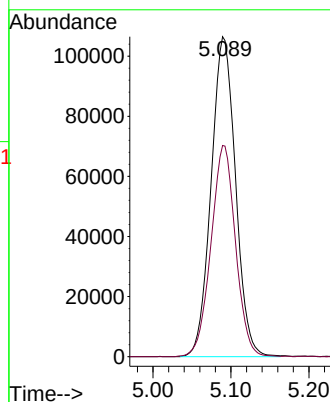
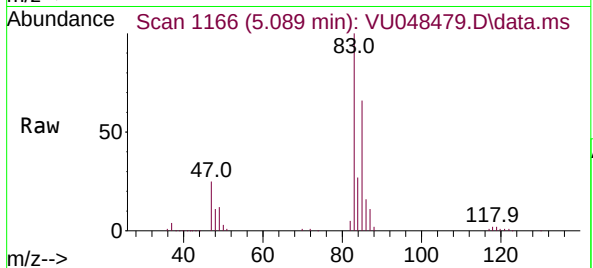
ClientSampleId :

Tgt Ion: 83 Resp: 231995

Ion Ratio Lower Upper

83 100

85 66.0 45.4 84.2



#27

1,2-Dichloroethane

Concen: 51.608 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. 0.003 min

Lab File: VU048479.D

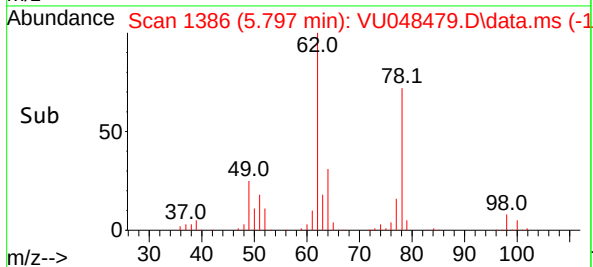
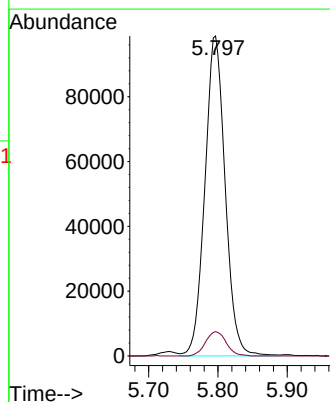
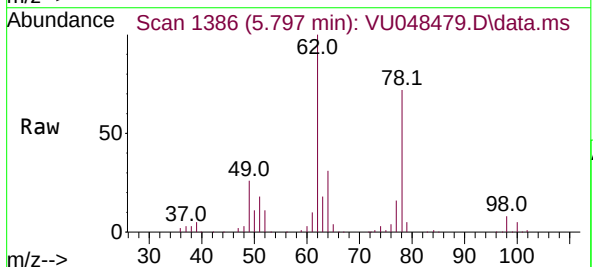
Acq: 10 May 2022 10:02

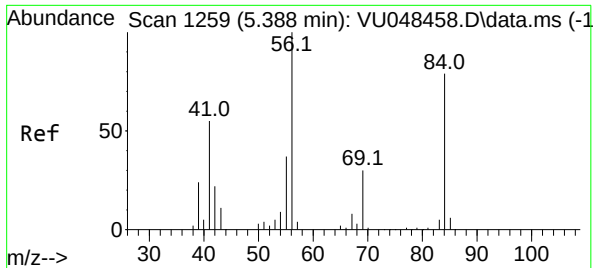
Tgt Ion: 62 Resp: 200576

Ion Ratio Lower Upper

62 100

98 7.6 6.8 10.2





#29

Cyclohexane

Concen: 44.118 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. 0.003 min

Lab File: VU048479.D

Acq: 10 May 2022 10:02

Instrument :

MSVOA_U

ClientSampleId :

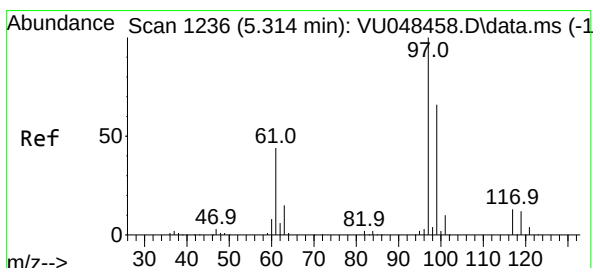
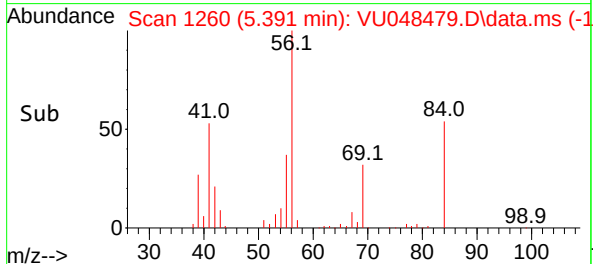
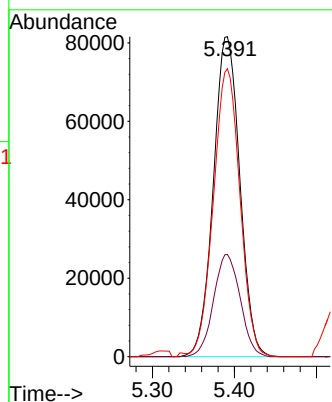
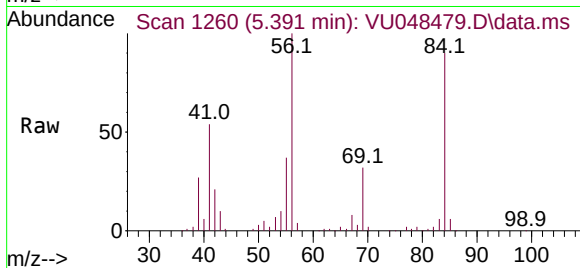
Tgt Ion: 56 Resp: 182854

Ion Ratio Lower Upper

56 100

69 32.1 23.4 35.0

84 90.3 65.5 98.3



#30

1,1,1-Trichloroethane

Concen: 51.750 ug/L

RT: 5.317 min Scan# 1237

Delta R.T. 0.003 min

Lab File: VU048479.D

Acq: 10 May 2022 10:02

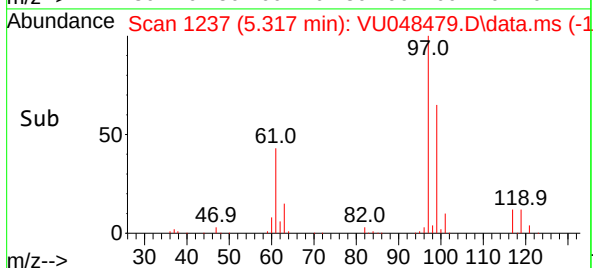
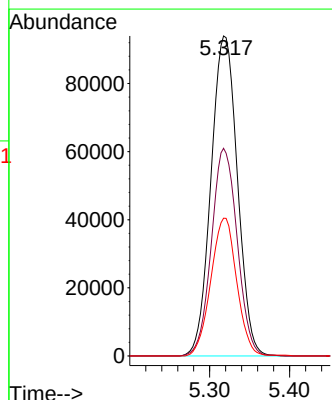
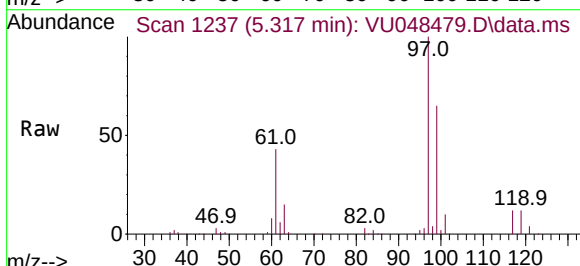
Tgt Ion: 97 Resp: 215855

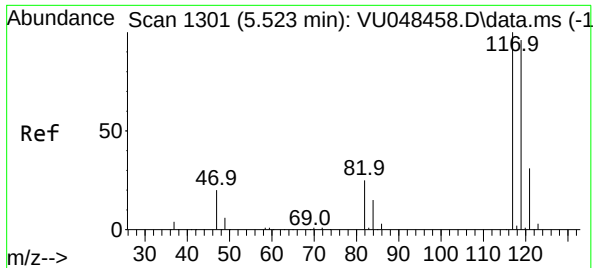
Ion Ratio Lower Upper

97 100

99 63.4 50.5 75.7

61 42.1 35.0 52.4

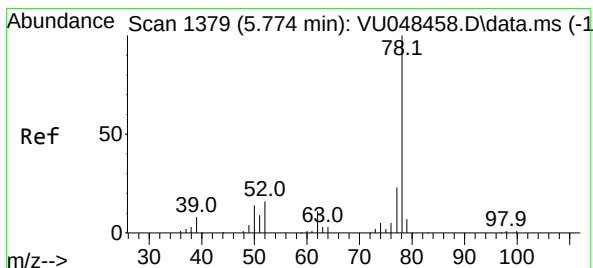
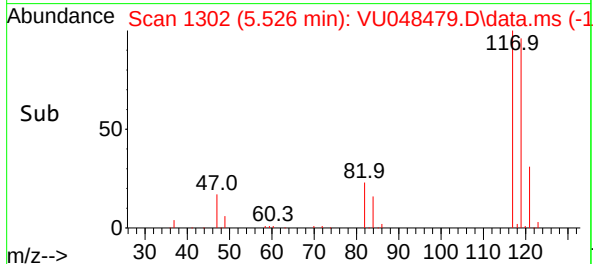
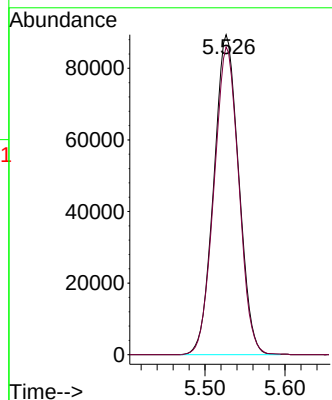
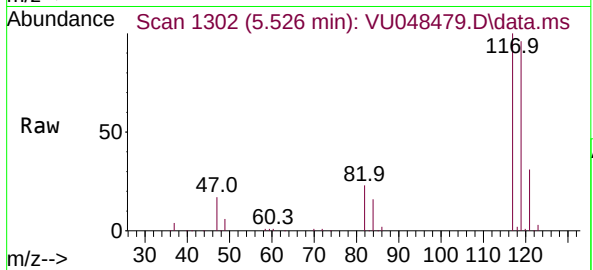




#31
Carbon tetrachloride
Concen: 54.153 ug/L
RT: 5.526 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU048479.D
Acq: 10 May 2022 10:02

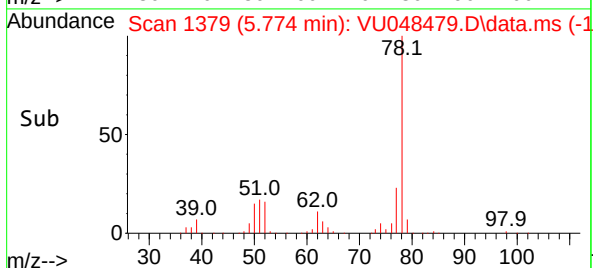
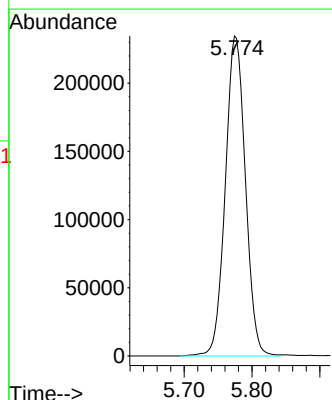
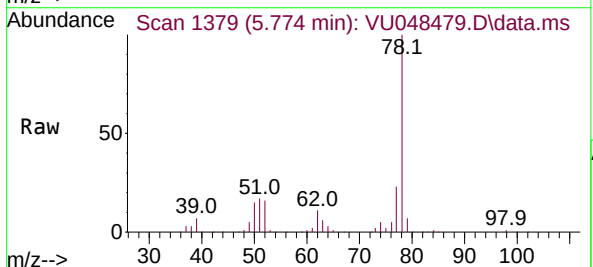
Instrument :
MSVOA_U
ClientSampleId :

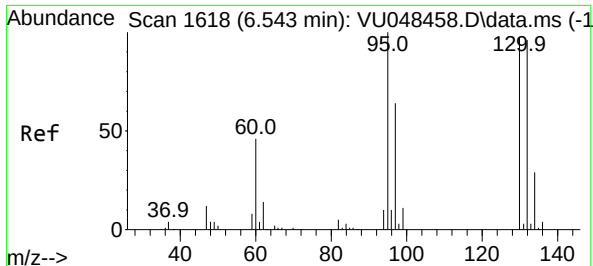
Tgt Ion:117 Resp: 193413
Ion Ratio Lower Upper
117 100
119 95.8 76.5 114.7



#33
Benzene
Concen: 46.694 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VU048479.D
Acq: 10 May 2022 10:02

Tgt Ion: 78 Resp: 482878

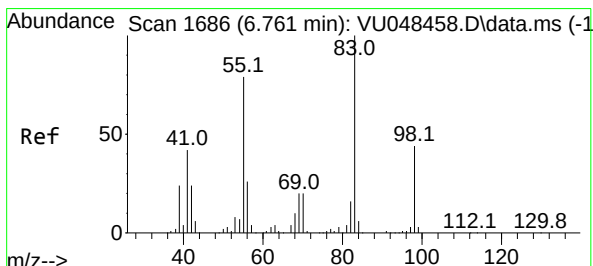
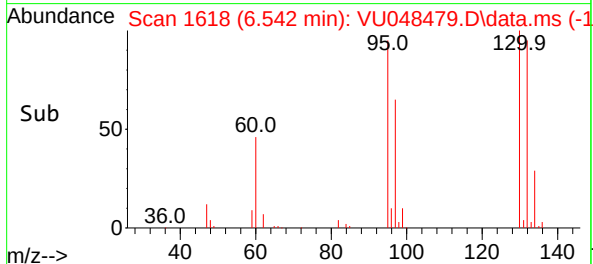
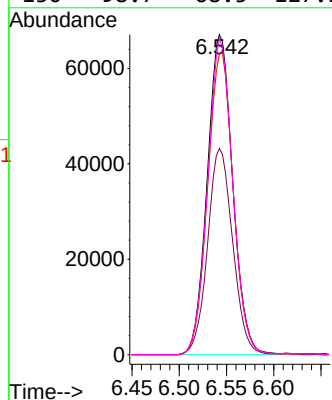
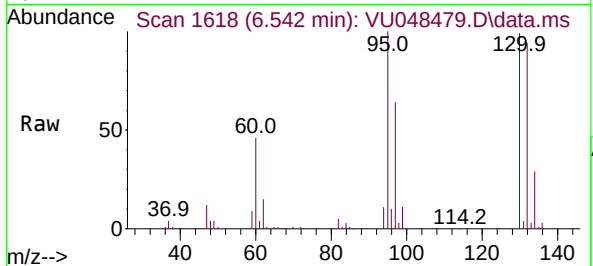




#34
Trichloroethene
Concen: 49.442 ug/L
RT: 6.542 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU048479.D
Acq: 10 May 2022 10:02

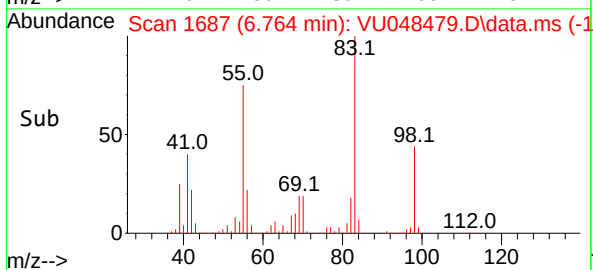
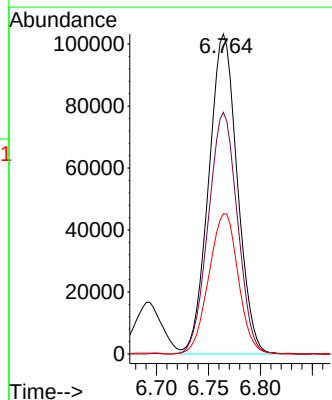
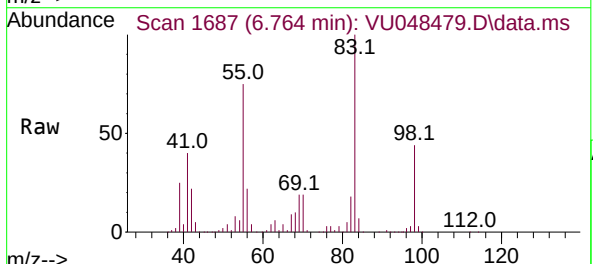
Instrument :
MSVOA_U
ClientSampleId :

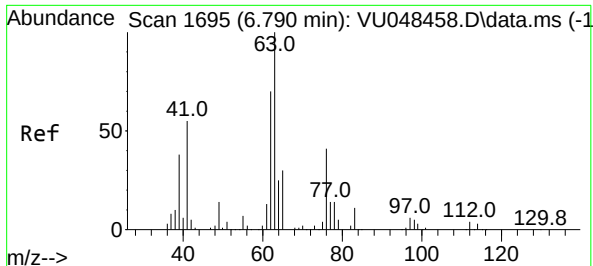
Tgt Ion: 95 Resp: 125684
Ion Ratio Lower Upper
95 100
97 64.4 46.6 86.6
132 94.0 67.3 124.9
130 98.7 68.5 127.1



#35
Methylcyclohexane
Concen: 48.719 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. 0.003 min
Lab File: VU048479.D
Acq: 10 May 2022 10:02

Tgt Ion: 83 Resp: 197593
Ion Ratio Lower Upper
83 100
55 77.1 63.4 95.2
98 45.2 35.9 53.9





#37

1,2-Dichloropropane

Concen: 44.411 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU048479.D

Acq: 10 May 2022 10:02

Instrument :

MSVOA_U

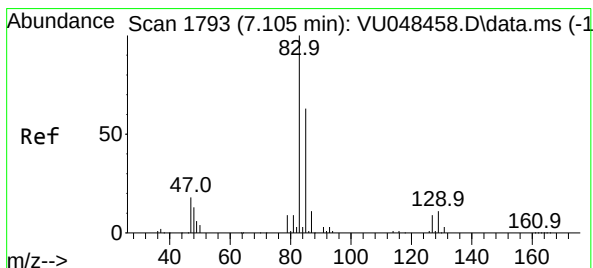
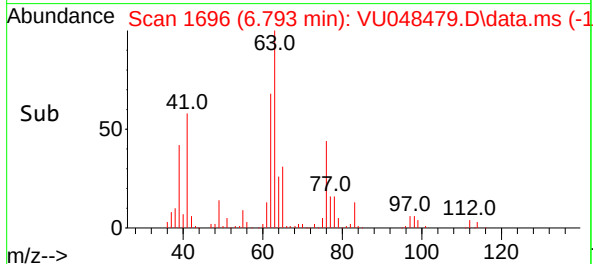
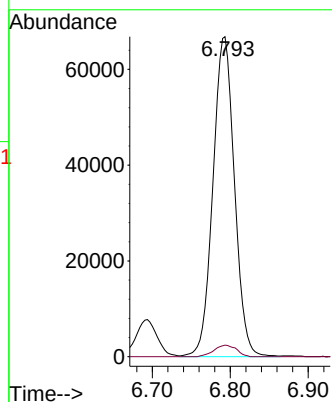
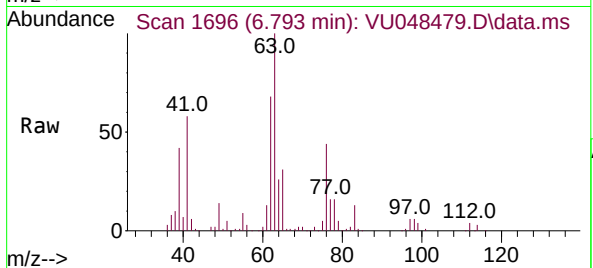
ClientSampleId :

Tgt Ion: 63 Resp: 128185

Ion Ratio Lower Upper

63 100

112 3.8 3.1 4.7



#38

Bromodichloromethane

Concen: 51.426 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VU048479.D

Acq: 10 May 2022 10:02

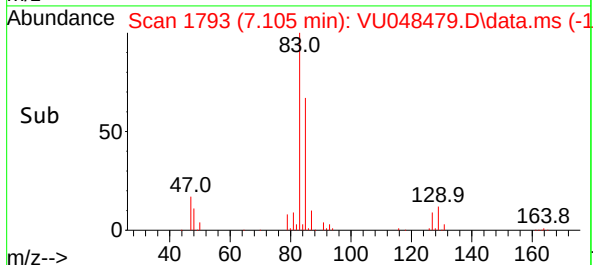
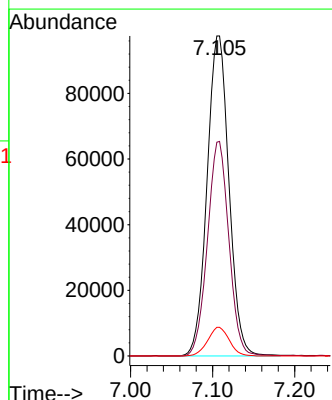
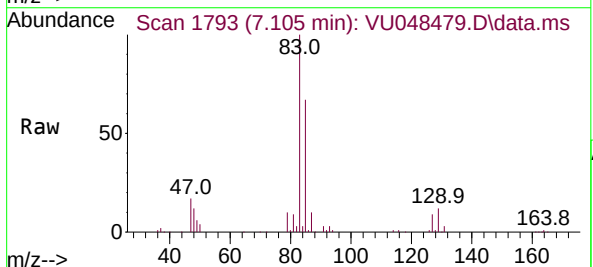
Tgt Ion: 83 Resp: 180733

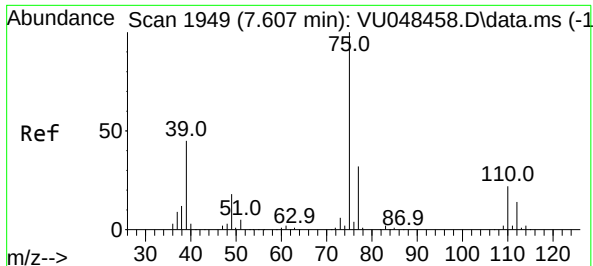
Ion Ratio Lower Upper

83 100

85 66.8 45.5 84.5

127 8.9 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 50.084 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU048479.D

Acq: 10 May 2022 10:02

Instrument :

MSVOA_U

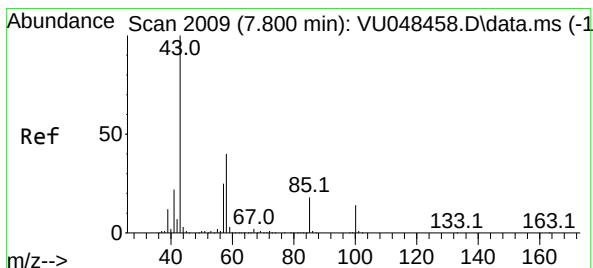
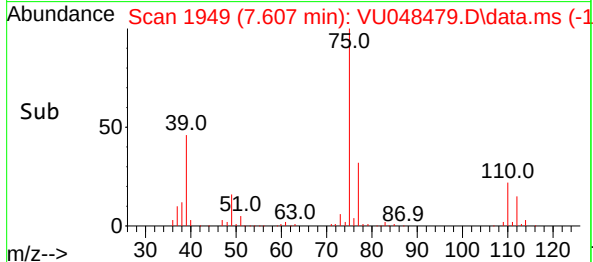
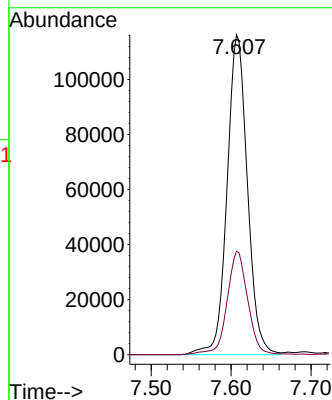
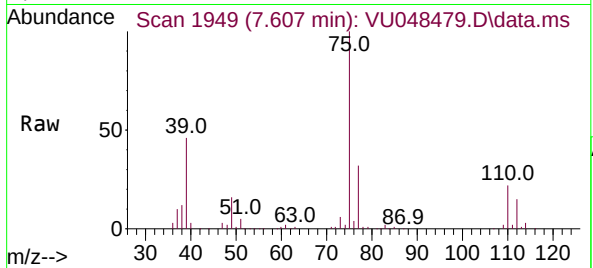
ClientSampleId :

Tgt Ion: 75 Resp: 205614

Ion Ratio Lower Upper

75 100

77 32.3 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 89.304 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. -0.010 min

Lab File: VU048479.D

Acq: 10 May 2022 10:02

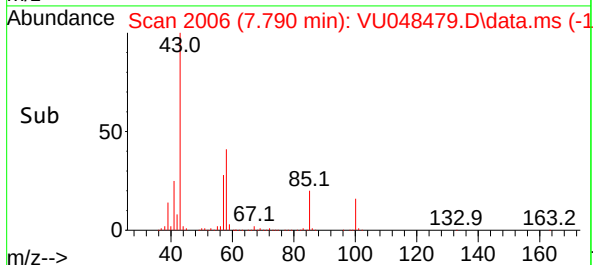
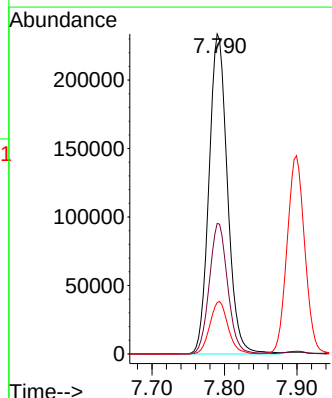
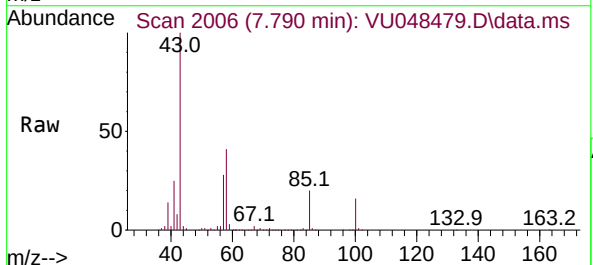
Tgt Ion: 43 Resp: 412999

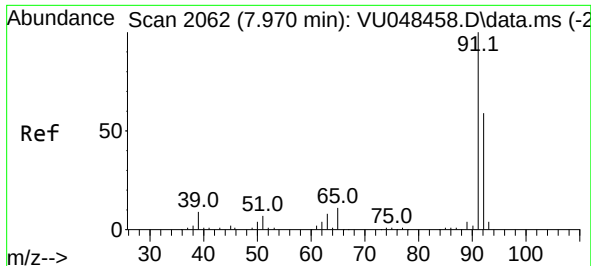
Ion Ratio Lower Upper

43 100

58 40.6 31.0 46.4

100 16.2 11.2 16.8





#42

Toluene

Concen: 48.145 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU048479.D

Acq: 10 May 2022 10:02

Instrument :

MSVOA_U

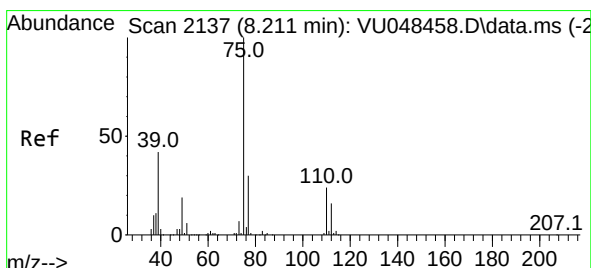
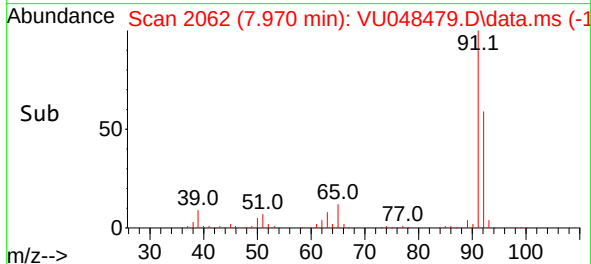
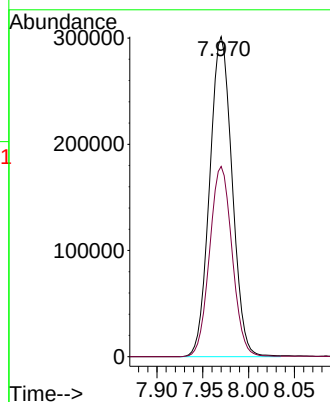
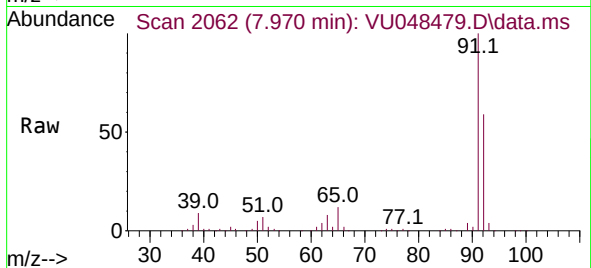
ClientSampleId :

Tgt Ion: 91 Resp: 513866

Ion Ratio Lower Upper

91 100

92 59.5 41.7 77.5



#44

trans-1,3-Dichloropropene

Concen: 51.710 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU048479.D

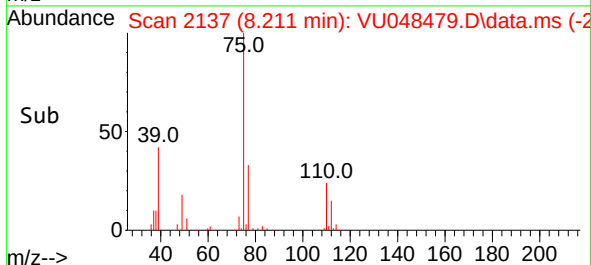
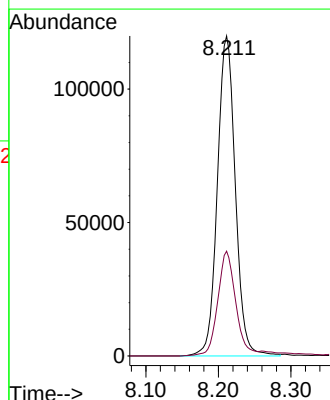
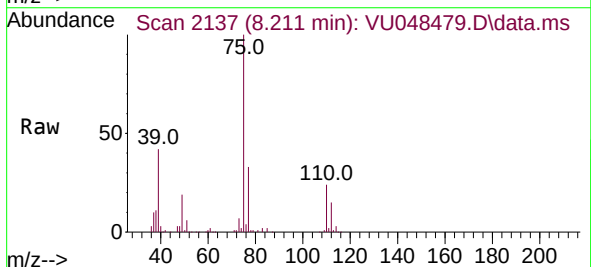
Acq: 10 May 2022 10:02

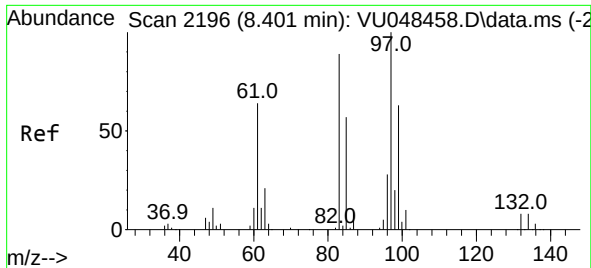
Tgt Ion: 75 Resp: 206300

Ion Ratio Lower Upper

75 100

77 32.8 22.6 42.0

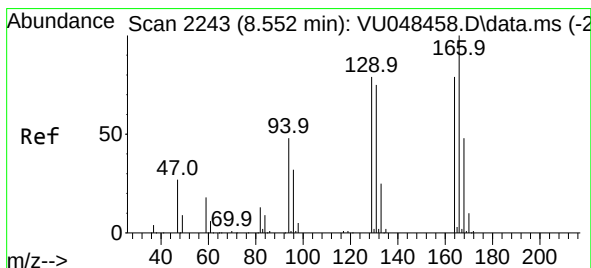
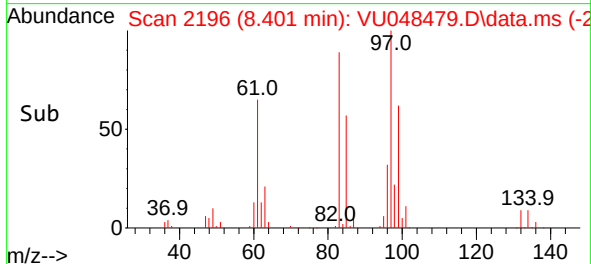
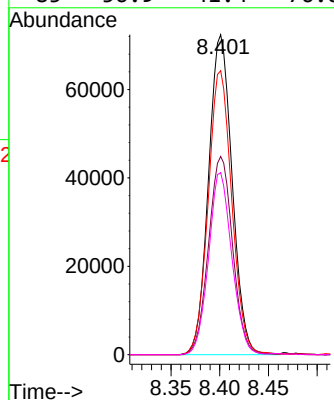
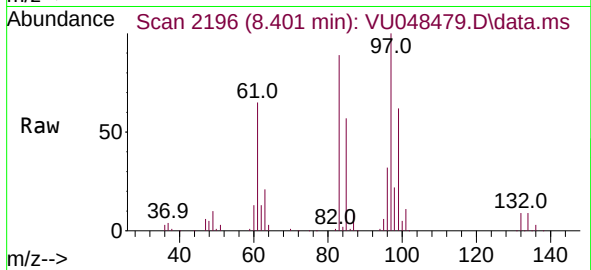




#45
1,1,2-Trichloroethane
Concen: 46.840 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU048479.D
Acq: 10 May 2022 10:02

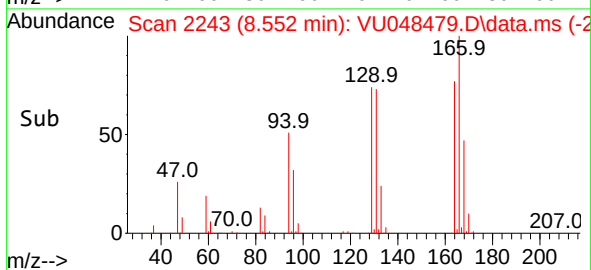
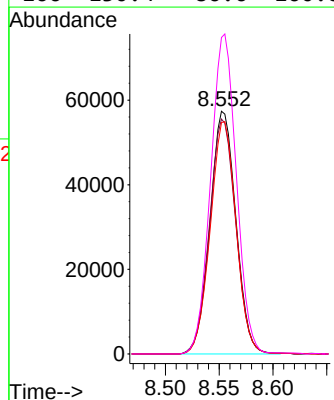
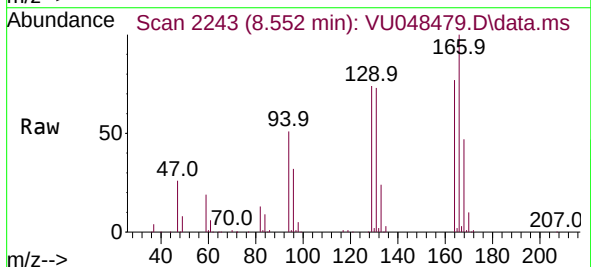
Instrument :
MSVOA_U
ClientSampleId :

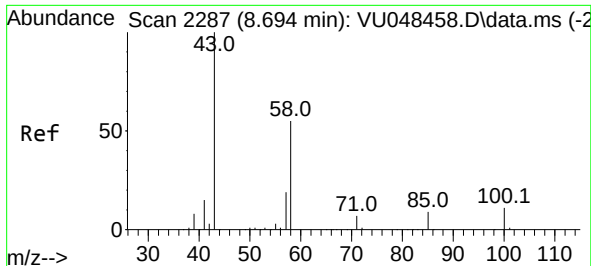
Tgt Ion:	97	Resp:	122262
Ion	Ratio	Lower	Upper
97	100		
99	62.0	43.5	80.9
83	88.7	60.5	112.5
85	56.9	41.4	76.8



#46
Tetrachloroethene
Concen: 50.289 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU048479.D
Acq: 10 May 2022 10:02

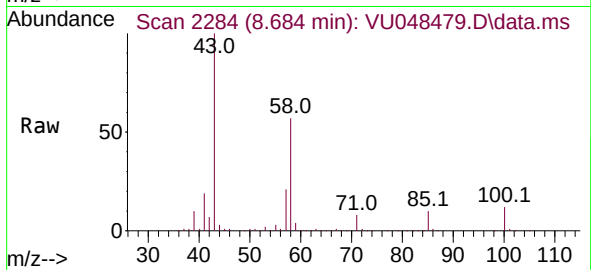
Tgt Ion:	164	Resp:	96034
Ion	Ratio	Lower	Upper
164	100		
129	96.8	69.2	128.6
131	95.3	65.2	121.0
166	130.4	86.6	160.8



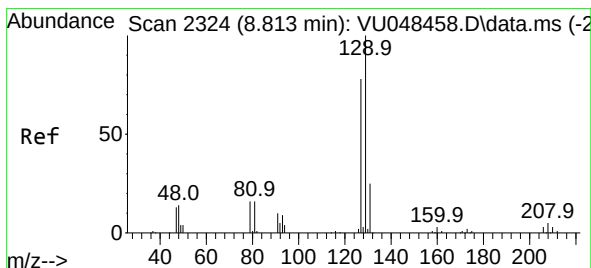
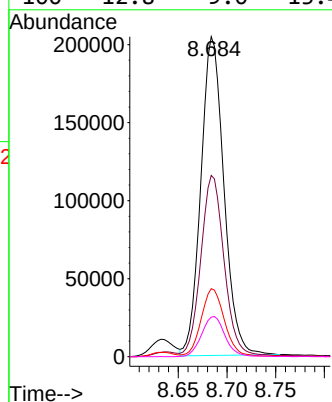
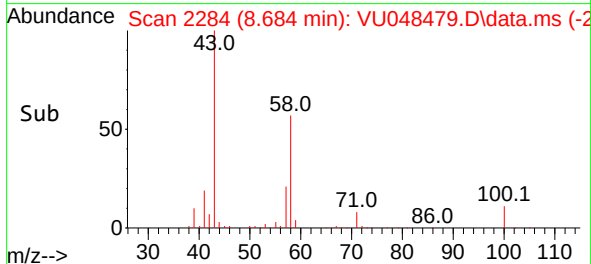


#48
2-Hexanone
Concen: 87.610 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.010 min
Lab File: VU048479.D
Acq: 10 May 2022 10:02

Instrument :
MSVOA_U
ClientSampleId :

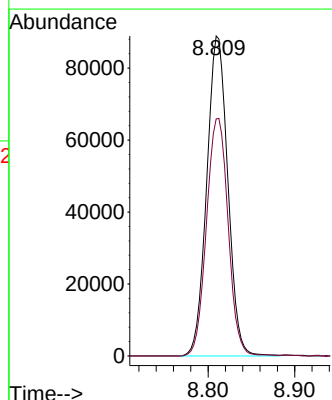
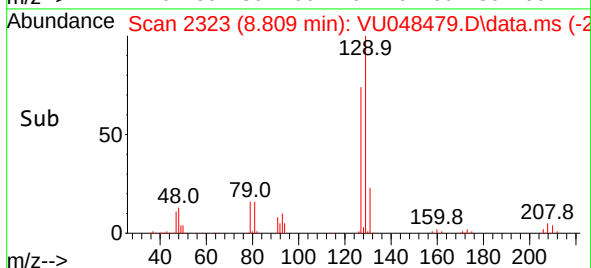
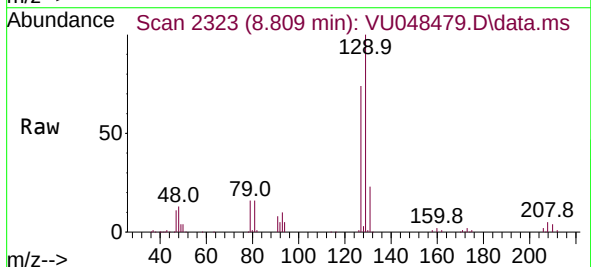


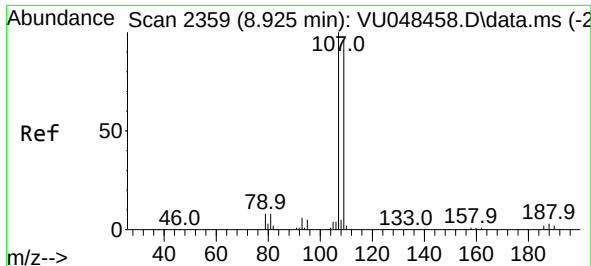
Tgt Ion: 43 Resp: 336716
Ion Ratio Lower Upper
43 100
58 58.2 44.3 66.5
57 21.7 15.7 23.5
100 12.8 9.0 13.4



#49
Dibromochloromethane
Concen: 53.614 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VU048479.D
Acq: 10 May 2022 10:02

Tgt Ion: 129 Resp: 150287
Ion Ratio Lower Upper
129 100
127 74.1 55.2 102.4





#50

1,2-Dibromoethane

Concen: 50.564 ug/L

RT: 8.925 min Scan# 21

Delta R.T. -0.000 min

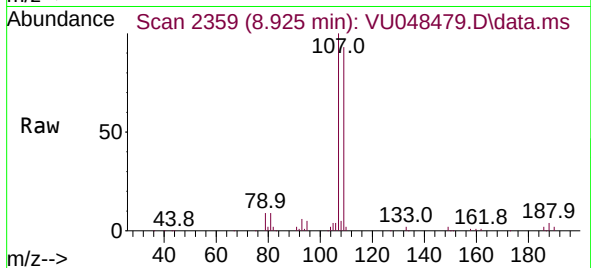
Lab File: VU048479.D

Acq: 10 May 2022 10:02

Instrument :

MSVOA_U

ClientSampleId :



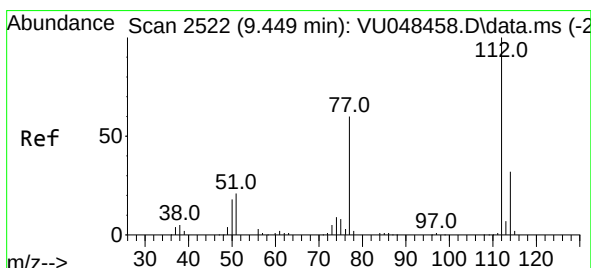
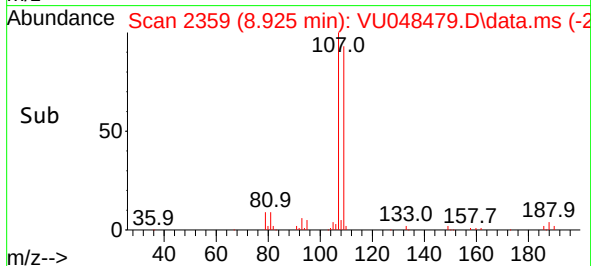
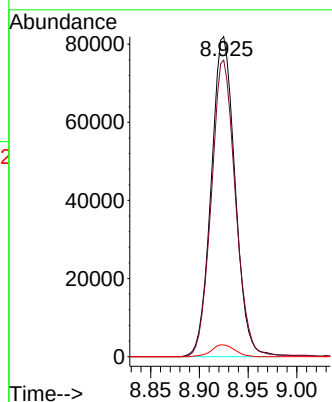
Tgt Ion:107 Resp: 139514

Ion Ratio Lower Upper

107 100

109 92.7 65.7 122.1

188 3.7 2.9 4.3



#51

Chlorobenzene

Concen: 49.696 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.003 min

Lab File: VU048479.D

Acq: 10 May 2022 10:02

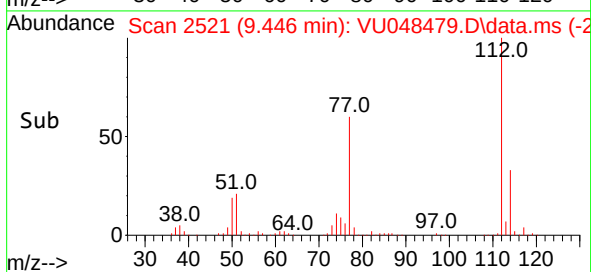
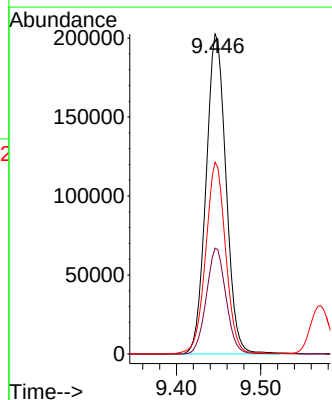
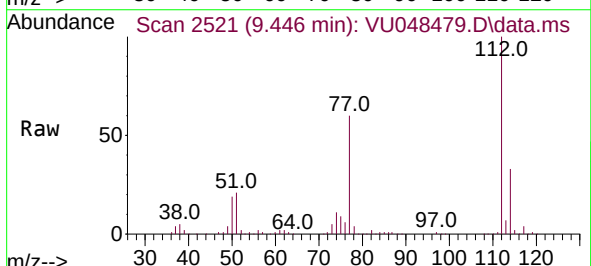
Tgt Ion:112 Resp: 334205

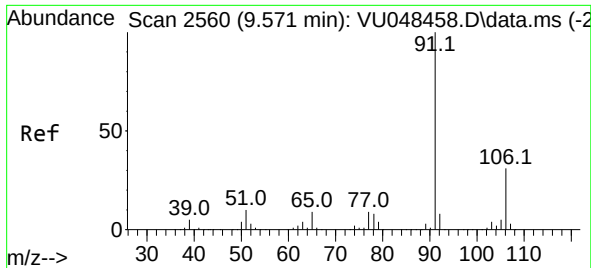
Ion Ratio Lower Upper

112 100

114 33.1 23.0 42.6

77 59.9 48.4 72.6

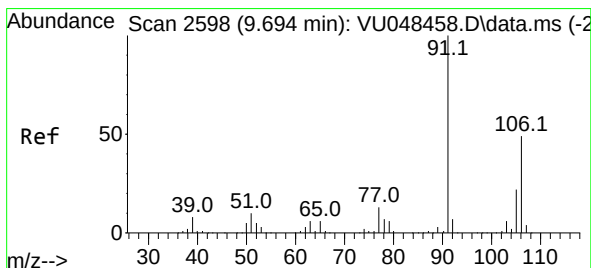
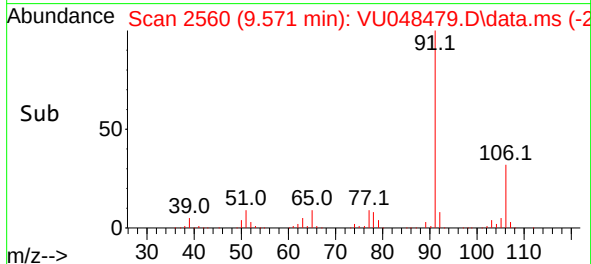
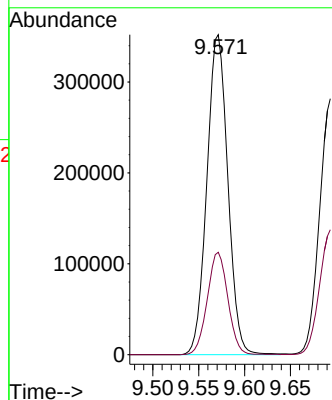
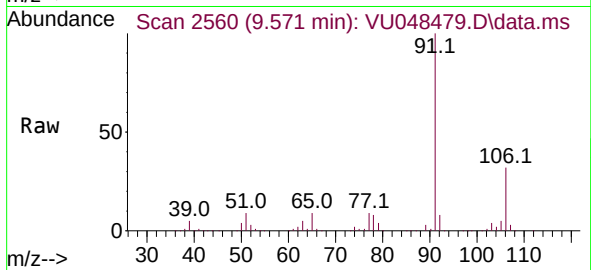




#52
Ethylbenzene
Concen: 50.379 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU048479.D
Acq: 10 May 2022 10:02

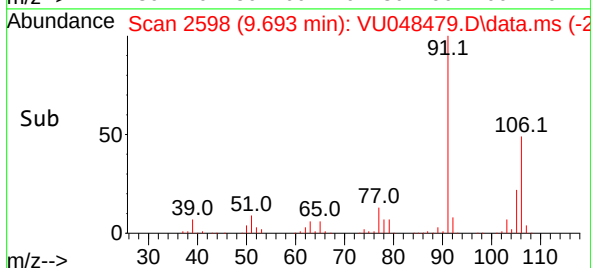
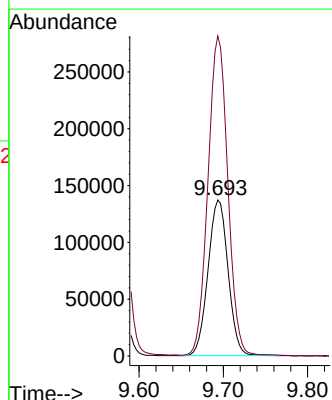
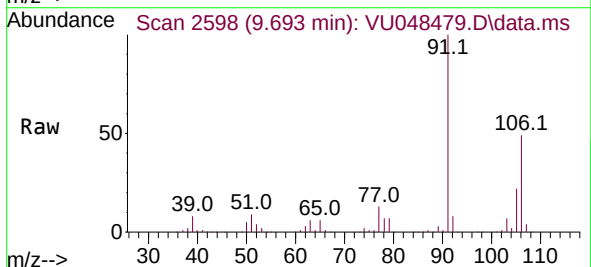
Instrument :
MSVOA_U
ClientSampleId :

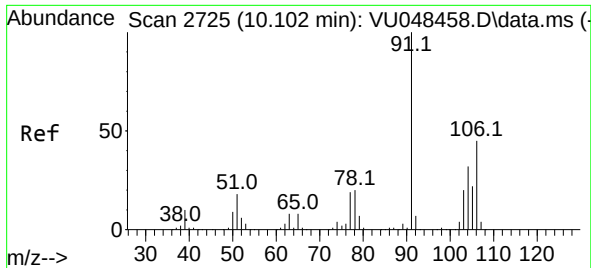
Tgt Ion: 91 Resp: 560133
Ion Ratio Lower Upper
91 100
106 32.0 21.7 40.3



#53
m,p-Xylene
Concen: 52.814 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU048479.D
Acq: 10 May 2022 10:02

Tgt Ion:106 Resp: 226657
Ion Ratio Lower Upper
106 100
91 205.0 144.1 267.7

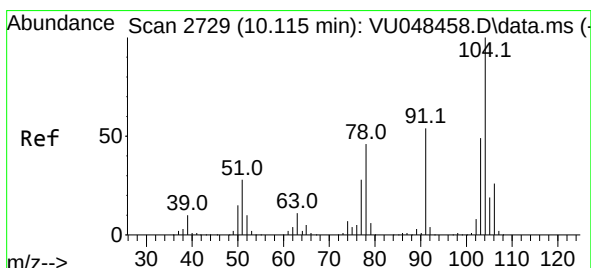
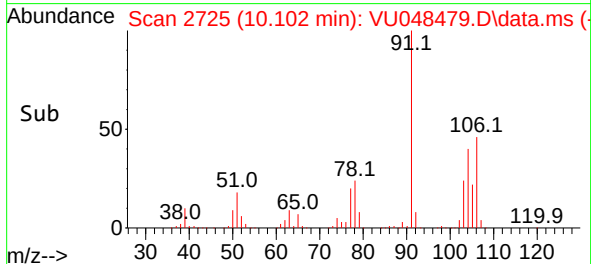
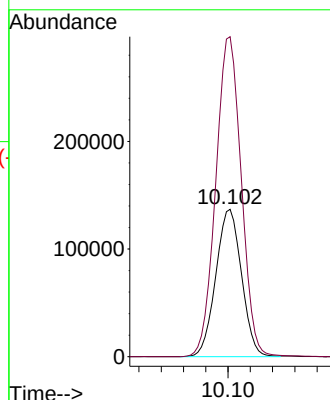
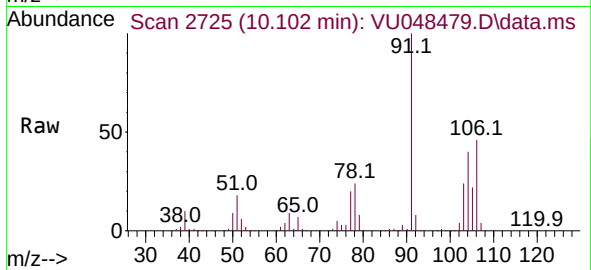




#54
o-Xylene
Concen: 50.874 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU048479.D
Acq: 10 May 2022 10:02

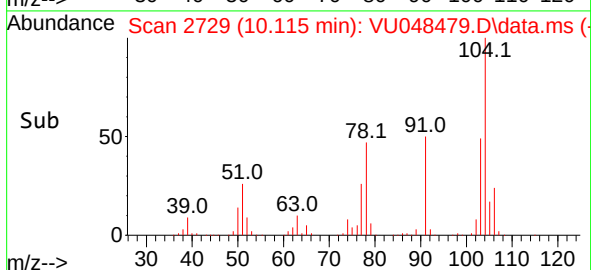
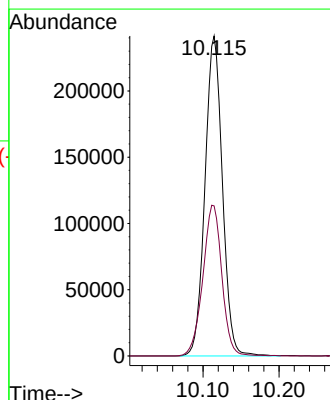
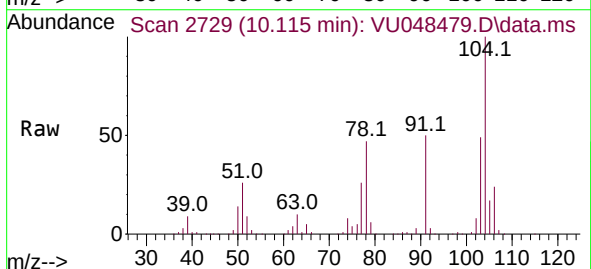
Instrument :
MSVOA_U
ClientSampleId :

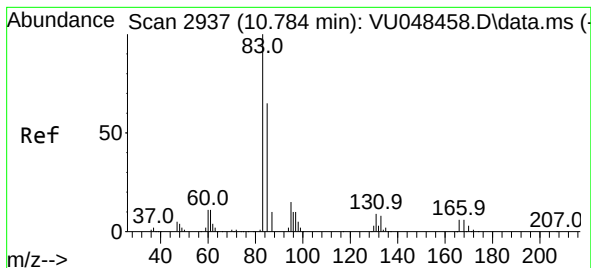
Tgt Ion:106 Resp: 219658
Ion Ratio Lower Upper
106 100
91 217.1 148.8 276.4



#55
Styrene
Concen: 54.774 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU048479.D
Acq: 10 May 2022 10:02

Tgt Ion:104 Resp: 384514
Ion Ratio Lower Upper
104 100
78 46.9 33.4 62.0

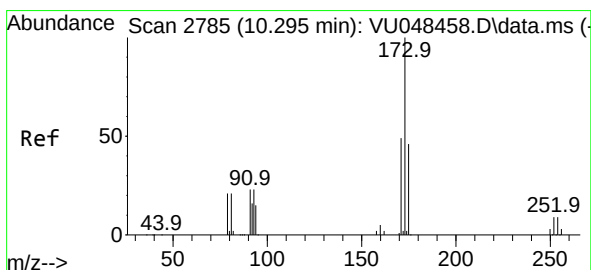
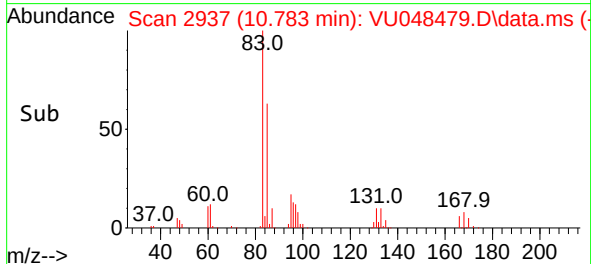
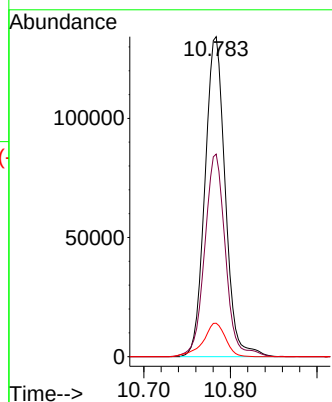
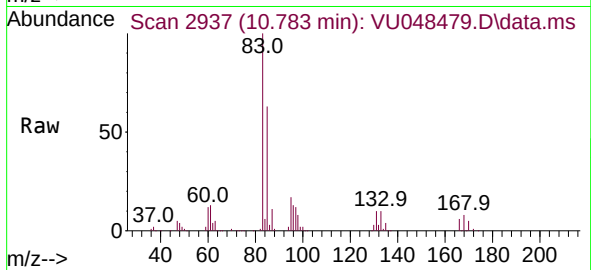




#57
 1,1,2,2-Tetrachloroethane
 Concen: 44.578 ug/L
 RT: 10.783 min Scan# 2937
 Delta R.T. -0.000 min
 Lab File: VU048479.D
 Acq: 10 May 2022 10:02

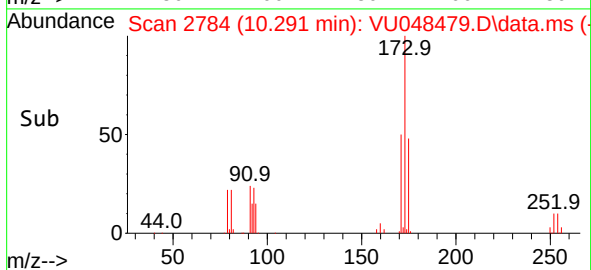
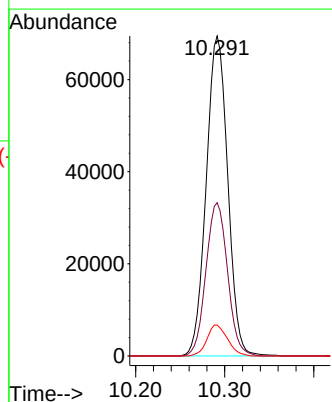
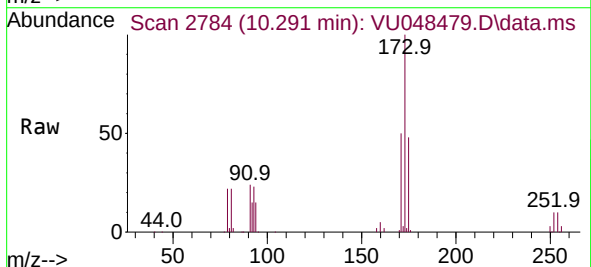
Instrument :
 MSVOA_U
 ClientSampleId :

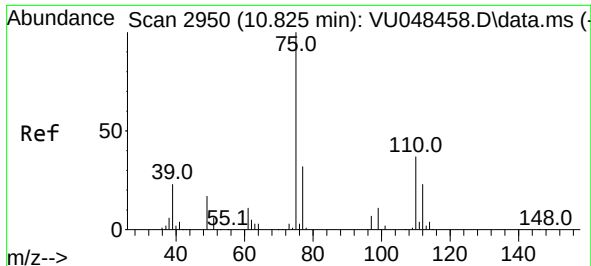
Tgt Ion: 83 Resp: 218080
 Ion Ratio Lower Upper
 83 100
 85 63.3 45.4 84.4
 131 10.5 7.4 11.0



#59
 Bromoform
 Concen: 47.438 ug/L
 RT: 10.291 min Scan# 2784
 Delta R.T. -0.003 min
 Lab File: VU048479.D
 Acq: 10 May 2022 10:02

Tgt Ion:173 Resp: 116456
 Ion Ratio Lower Upper
 173 100
 175 48.1 39.1 58.7
 254 9.3 7.3 10.9

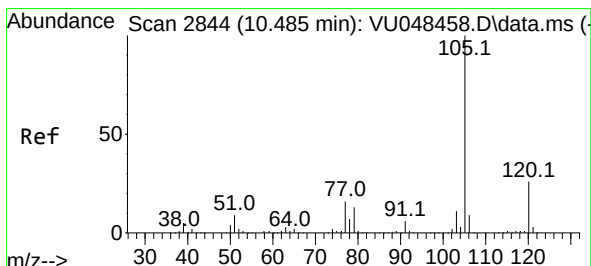
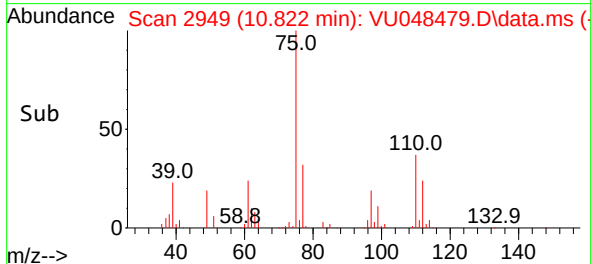
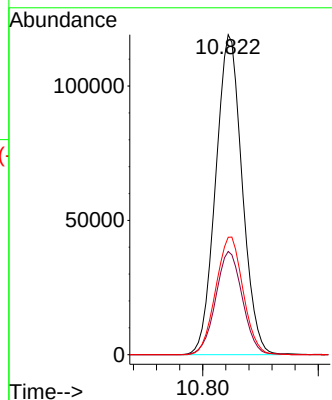
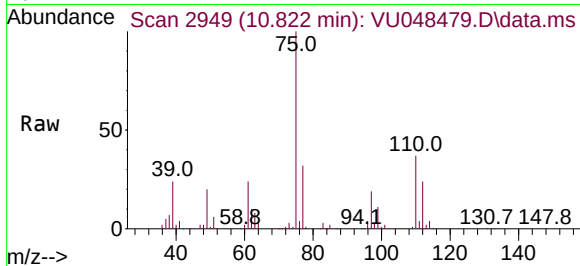




#60
1,2,3-Trichloropropane
Concen: 41.885 ug/L
RT: 10.822 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VU048479.D
Acq: 10 May 2022 10:02

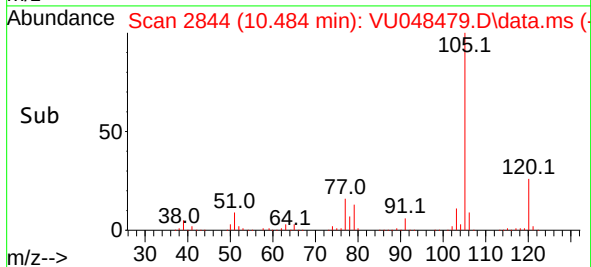
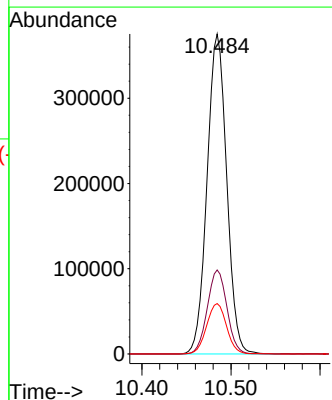
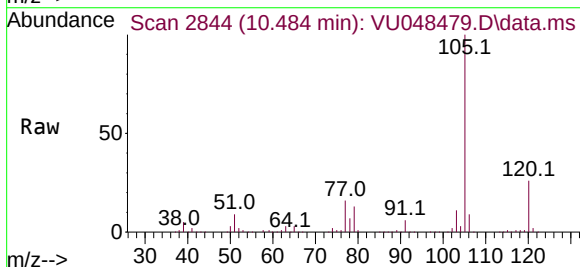
Instrument :
MSVOA_U
ClientSampleId :

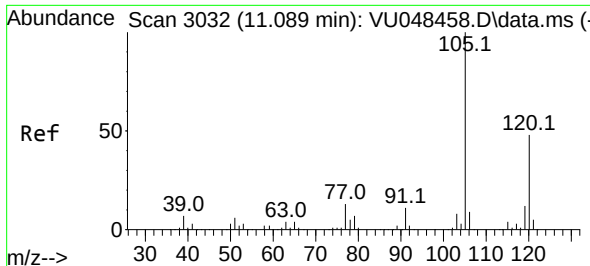
Tgt Ion: 75 Resp: 189251
Ion Ratio Lower Upper
75 100
77 32.6 25.5 38.3
110 38.1 28.9 43.3



#61
Isopropylbenzene
Concen: 47.343 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU048479.D
Acq: 10 May 2022 10:02

Tgt Ion: 105 Resp: 574229
Ion Ratio Lower Upper
105 100
120 26.3 21.0 31.4
77 16.0 12.5 18.7

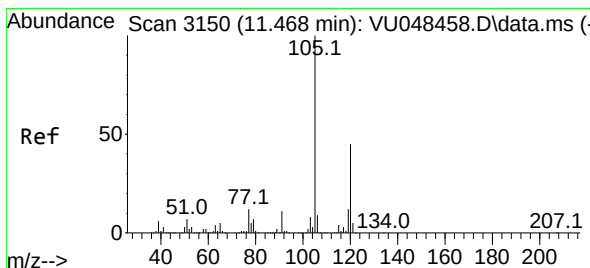
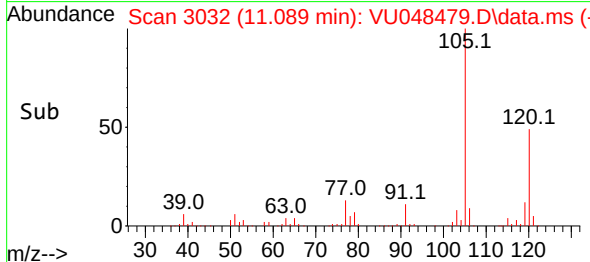
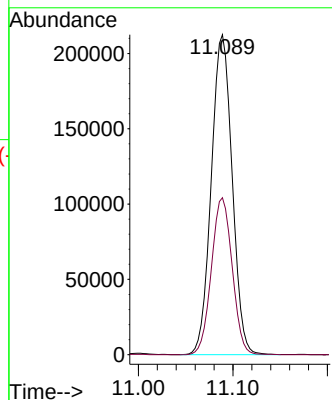
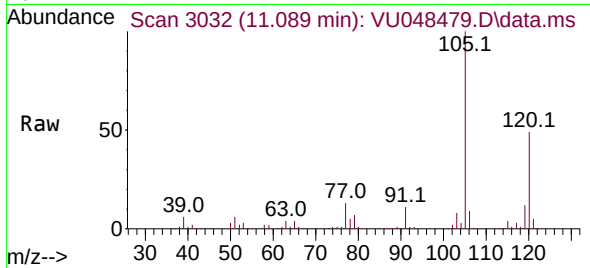




#62
1,3,5-Trimethylbenzene
Concen: 48.732 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU048479.D
Acq: 10 May 2022 10:02

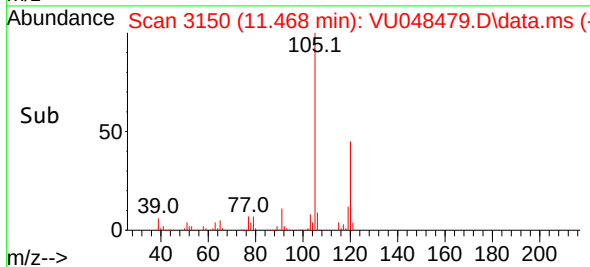
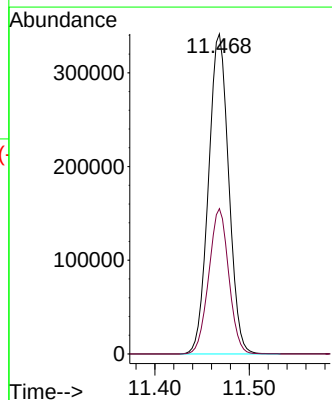
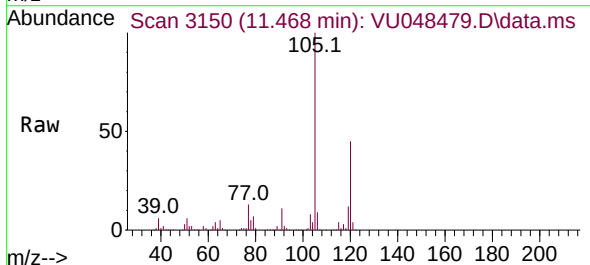
Instrument :
MSVOA_U
ClientSampleId :

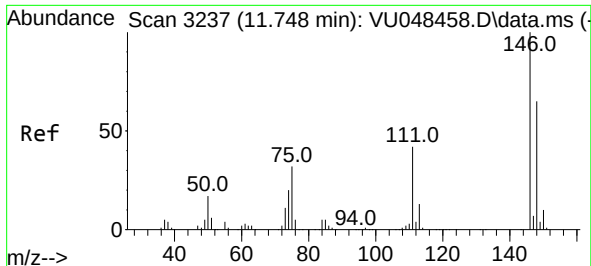
Tgt Ion:105 Resp: 325834
Ion Ratio Lower Upper
105 100
120 48.7 38.5 57.7



#63
1,2,4-Trimethylbenzene
Concen: 50.911 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU048479.D
Acq: 10 May 2022 10:02

Tgt Ion:105 Resp: 506955
Ion Ratio Lower Upper
105 100
120 44.9 35.4 53.2





#64

1,3-Dichlorobenzene

Concen: 47.614 ug/L

RT: 11.745 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU048479.D

Acq: 10 May 2022 10:02

Instrument :

MSVOA_U

ClientSampleId :

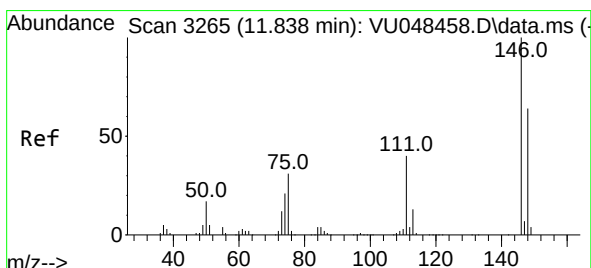
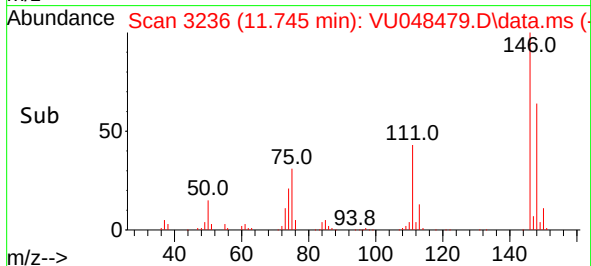
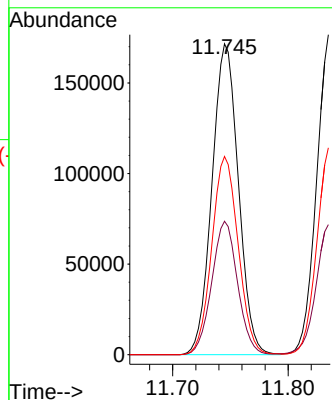
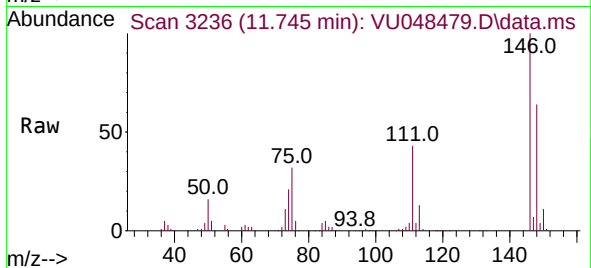
Tgt Ion:146 Resp: 272377

Ion Ratio Lower Upper

146 100

111 42.9 28.3 52.7

148 63.7 44.7 83.1



#65

1,4-Dichlorobenzene

Concen: 48.015 ug/L

RT: 11.835 min Scan# 3264

Delta R.T. -0.003 min

Lab File: VU048479.D

Acq: 10 May 2022 10:02

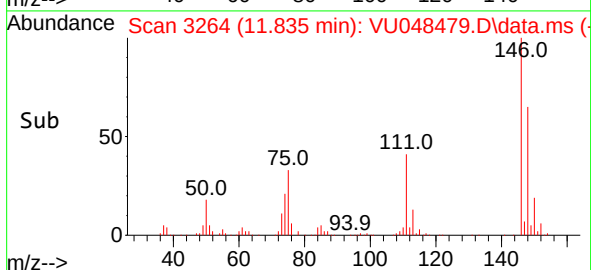
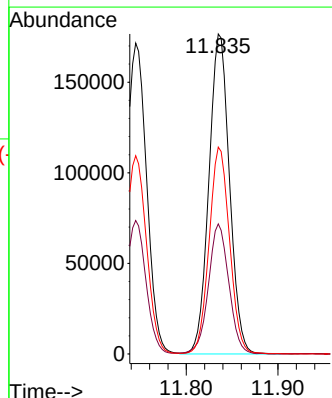
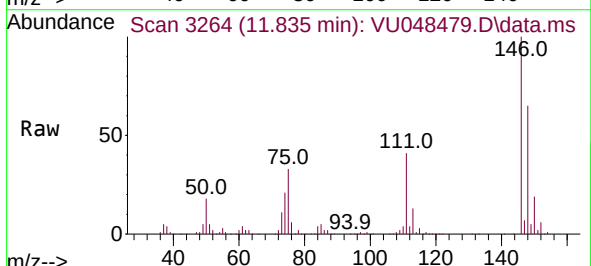
Tgt Ion:146 Resp: 275385

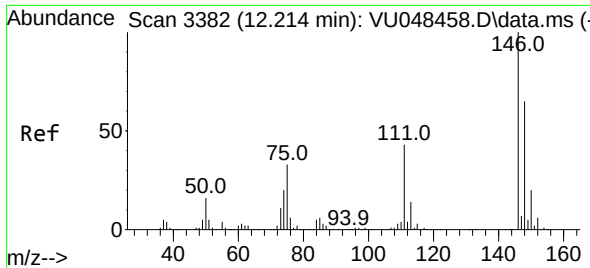
Ion Ratio Lower Upper

146 100

111 40.7 28.4 52.8

148 64.6 43.4 80.6





#67

1,2-Dichlorobenzene

Concen: 46.649 ug/L

RT: 12.211 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU048479.D

Acq: 10 May 2022 10:02

Instrument :

MSVOA_U

ClientSampleId :

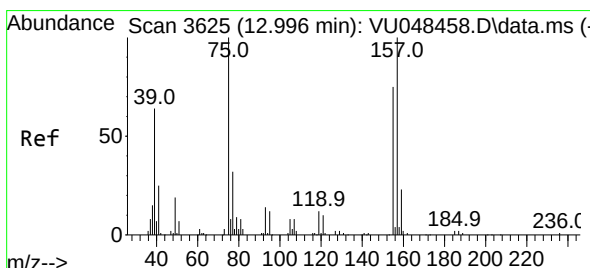
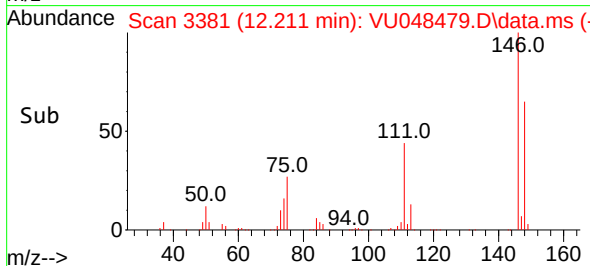
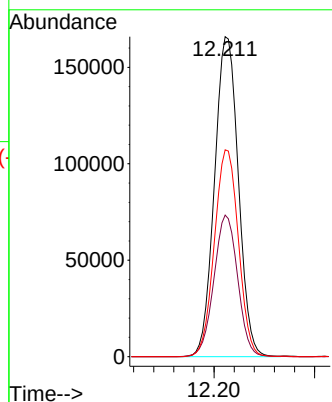
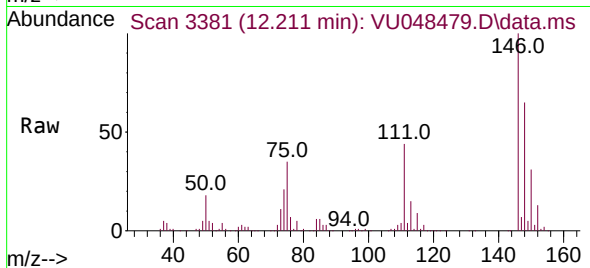
Tgt Ion:146 Resp: 273085

Ion Ratio Lower Upper

146 100

111 44.3 34.9 52.3

148 64.6 50.8 76.2



#68

1,2-Dibromo-3-chloropropane

Concen: 50.660 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. -0.000 min

Lab File: VU048479.D

Acq: 10 May 2022 10:02

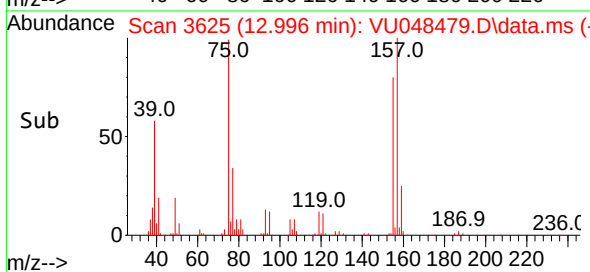
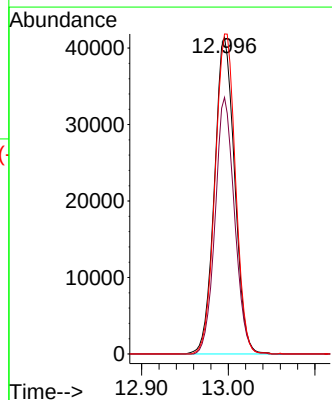
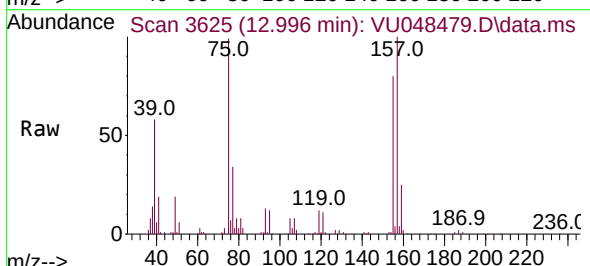
Tgt Ion: 75 Resp: 67090

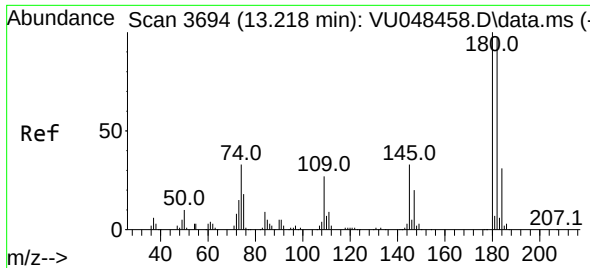
Ion Ratio Lower Upper

75 100

155 81.0 63.4 95.0

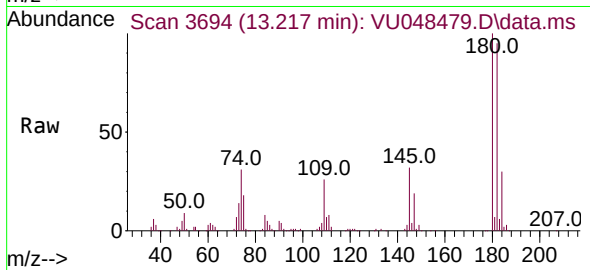
157 101.1 82.2 123.2



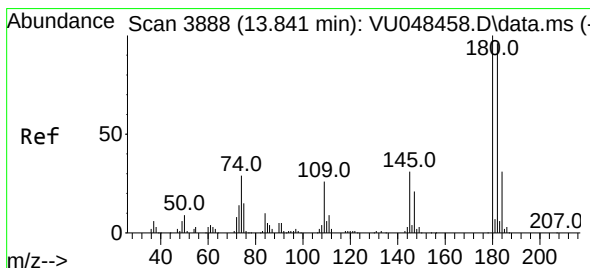
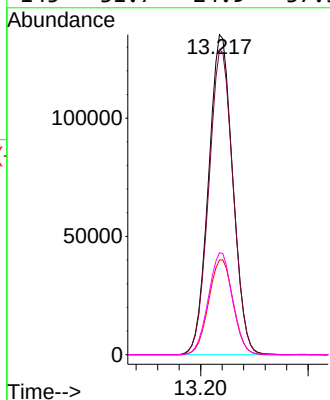
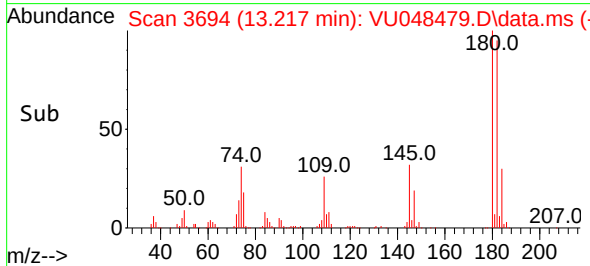


#69
 1,3,5-Trichlorobenzene
 Concen: 52.184 ug/L
 RT: 13.217 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: VU048479.D
 Acq: 10 May 2022 10:02

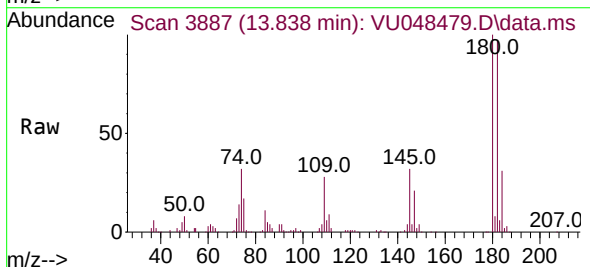
Instrument :
 MSVOA_U
 ClientSampleId :



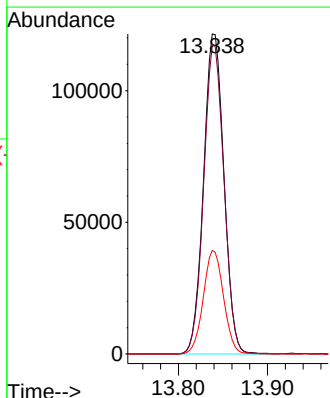
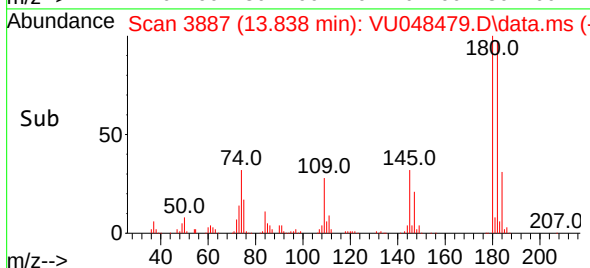
Tgt Ion:180 Resp: 211068
 Ion Ratio Lower Upper
 180 100
 182 96.0 75.7 113.5
 184 30.1 23.8 35.8
 145 31.7 24.9 37.3

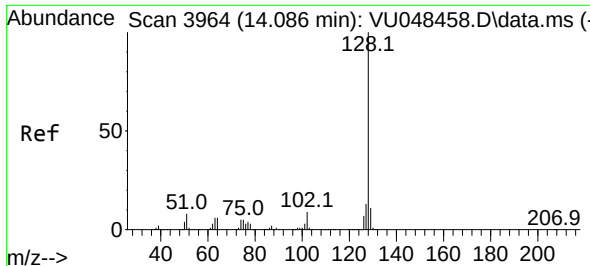


#70
 1,2,4-trichlorobenzene
 Concen: 54.914 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. -0.003 min
 Lab File: VU048479.D
 Acq: 10 May 2022 10:02



Tgt Ion:180 Resp: 192887
 Ion Ratio Lower Upper
 180 100
 182 96.1 77.1 115.7
 145 32.1 24.9 37.3

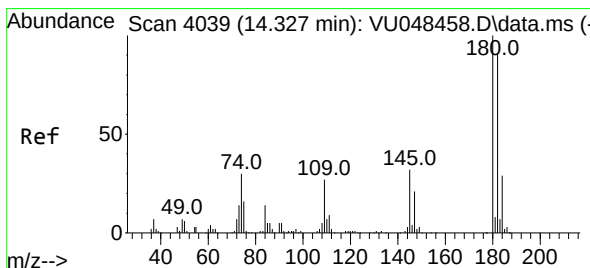
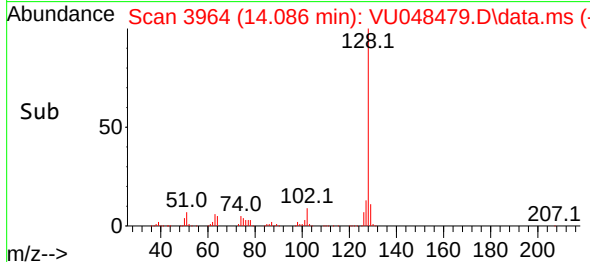
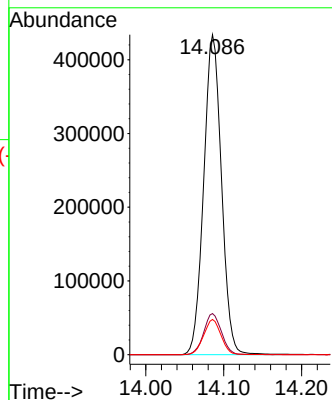
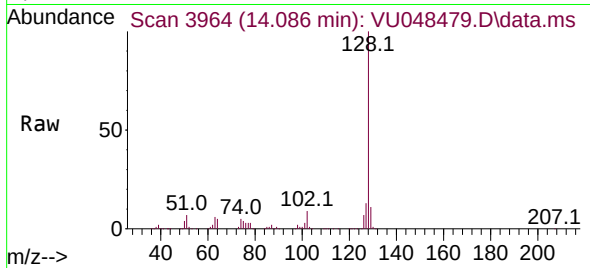




#71
Naphthalene
Concen: 50.810 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU048479.D
Acq: 10 May 2022 10:02

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 687292
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.8 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 52.618 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.003 min
Lab File: VU048479.D
Acq: 10 May 2022 10:02

Tgt Ion:180 Resp: 196573
Ion Ratio Lower Upper
180 100
182 95.7 75.4 113.2
145 33.8 26.4 39.6

