

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111924\
 Data File : VU061855.D
 Acq On : 19 Nov 2024 15:46
 Operator : MD/SY
 Sample : VSTD0.5
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 20 00:29:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 20 00:25:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	184618	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	247443	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	79639	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	4294	0.386	ug/L	0.00
7) Chloroethane-d5	1.911	69	3863	0.392	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	1812	0.364	ug/L	0.00
20) 2-Butanone-d5	4.657	46	7679	3.068	ug/L	0.03
24) Chloroform-d	5.055	84	9912	0.428	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.698	65	4951	0.449	ug/L	0.00
32) Benzene-d6	5.721	84	17586	0.279	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	6043	0.309	ug/L	0.00
41) Toluene-d8	7.894	98	18984	0.318	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.177	79	2526	0.349	ug/L	0.00
46) 2-Hexanone-d5	8.634	63	9389	3.345	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	5541	0.367	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	7814	0.563	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	6613	0.484	ug/L	99
3) Chloromethane	1.515	50	6351	0.515	ug/L	96
5) Vinyl chloride	1.602	62	6777	0.489	ug/L #	79
6) Bromomethane	1.853	94	4572	0.545	ug/L	95
8) Chloroethane	1.930	64	5603	0.572	ug/L	98
9) Trichlorofluoromethane	2.132	101	9490	0.469	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	5780	0.483	ug/L	96
12) 1,1-Dichloroethene	2.576	96	5354	0.479	ug/L	94
13) Acetone	2.647	43	7637	4.833	ug/L	95
14) Carbon disulfide	2.788	76	16985	0.476	ug/L	100
15) Methyl Acetate	2.968	43	1562	0.387	ug/L #	85
16) Methylene chloride	3.039	84	6697	0.520	ug/L	95
17) Methyl tert-butyl Ether	3.361	73	12014	0.443	ug/L	98
18) trans-1,2-Dichloroethene	3.354	96	6337	0.521	ug/L	81
19) 1,1-Dichloroethane	3.862	63	11323	0.508	ug/L #	89
21) 2-Butanone	4.734	43	11055	4.234	ug/L	94
22) cis-1,2-Dichloroethene	4.663	96	6632	0.479	ug/L	92
23) Bromochloromethane	4.972	128	3019	0.488	ug/L	93
25) Chloroform	5.084	83	11931	0.506	ug/L	100
27) 1,2-Dichloroethane	5.795	62	7096	0.482	ug/L	96
29) 1,1,1-Trichloroethane	5.306	97	9179	0.340	ug/L	97
30) Cyclohexane	5.380	56	8504	0.317	ug/L	93
31) Carbon tetrachloride	5.515	117	7292	0.317	ug/L	100
33) Benzene	5.772	78	24690	0.344	ug/L	100
34) Trichloroethene	6.537	95	7206	0.354	ug/L	98
35) Methylcyclohexane	6.756	83	9743	0.317	ug/L	97
37) 1,2-Dichloropropane	6.785	63	6460	0.337	ug/L #	89
38) Bromodichloromethane	7.097	83	9564	0.422	ug/L #	99
39) cis-1,3-Dichloropropene	7.605	75	10092	0.376	ug/L	99
40) 4-Methyl-2-pentanone	7.788	43	37936	4.190	ug/L	98
42) Toluene	7.965	91	34668	0.421	ug/L	97
44) trans-1,3-Dichloropropene	8.209	75	8812	0.414	ug/L	96

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

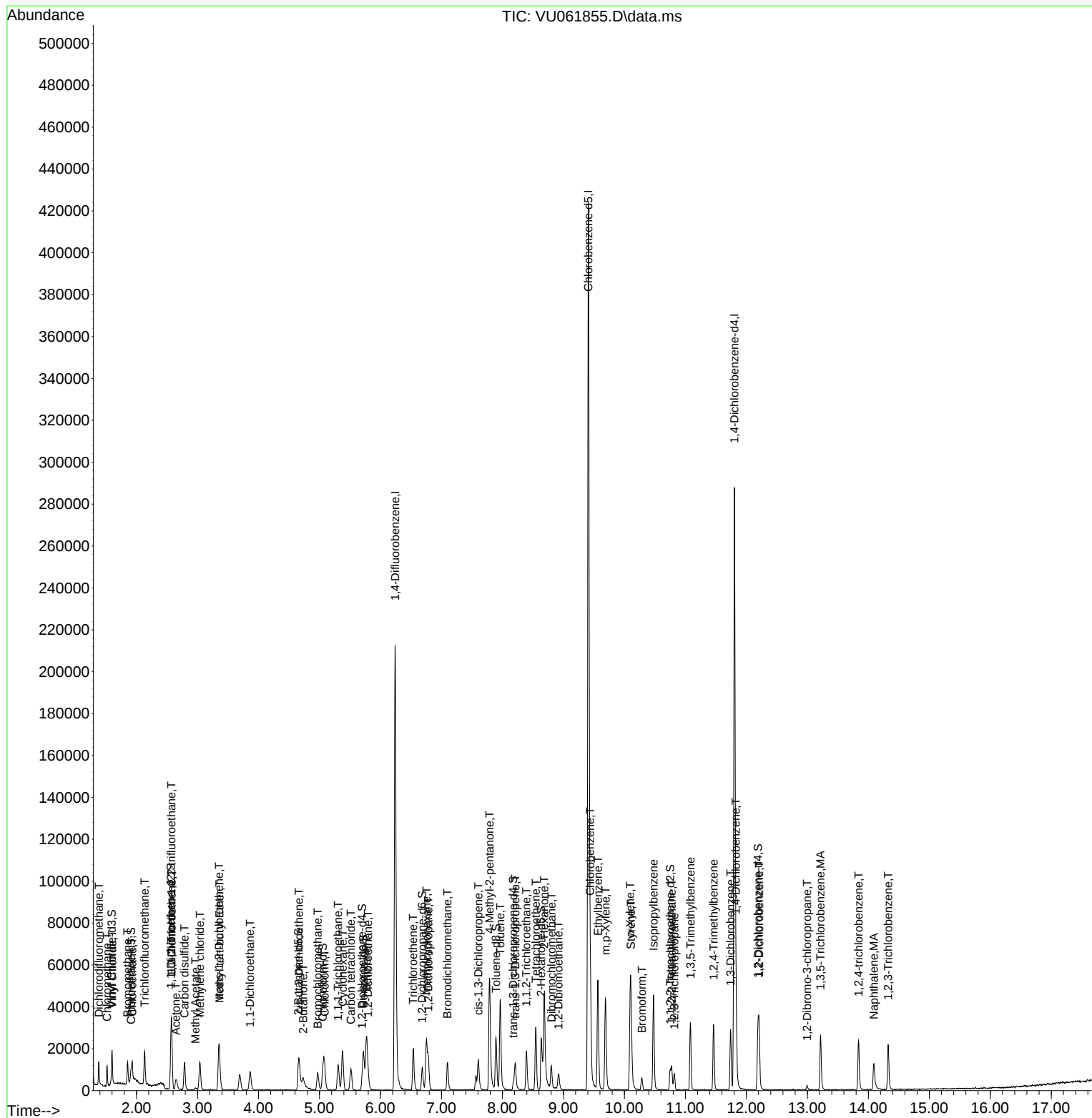
45) 1,1,2-Trichloroethane	8.393	97	6011	0.423	ug/L	94
47) Tetrachloroethene	8.547	164	6674	0.434	ug/L	95
48) 2-Hexanone	8.685	43	30167	4.662	ug/L	95
49) Dibromochloromethane	8.804	129	6082	0.420	ug/L	96
50) 1,2-Dibromoethane	8.920	107	5488	0.414	ug/L	93
51) Chlorobenzene	9.441	112	25308	0.486	ug/L	98
52) Ethylbenzene	9.566	91	39059	0.454	ug/L	99
53) m,p-Xylene	9.692	106	14456	0.440	ug/L	90
54) o-Xylene	10.097	106	12199	0.397	ug/L	99
55) Styrene	10.110	104	17768	0.365	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	5570	0.346	ug/L	99
59) Bromoform	10.287	173	2789	0.530	ug/L #	91
60) Isopropylbenzene	10.479	105	30308	0.547	ug/L	98
61) 1,2,3-Trichloropropane	10.817	75	3773	0.502	ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105	19135	0.432	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	18456	0.428	ug/L	98
64) 1,3-Dichlorobenzene	11.743	146	12852	0.504	ug/L	96
65) 1,4-Dichlorobenzene	11.830	146	13856	0.536	ug/L	95
67) 1,2-Dichlorobenzene	12.209	146	12291	0.518	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	625	0.476	ug/L #	77
69) 1,3,5-Trichlorobenzene	13.216	180	9098	0.510	ug/L	98
70) 1,2,4-trichlorobenzene	13.839	180	8020	0.578	ug/L	95
71) Naphthalene	14.090	128	16282	0.815	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	7801	0.671	ug/L	96

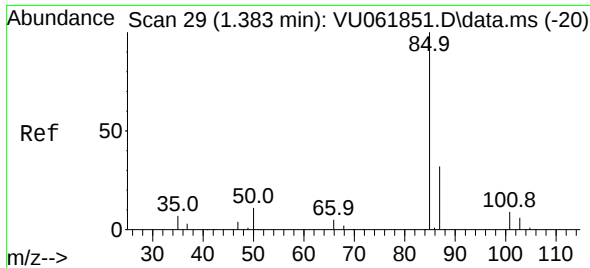
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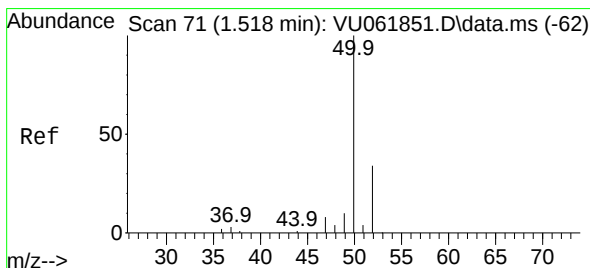
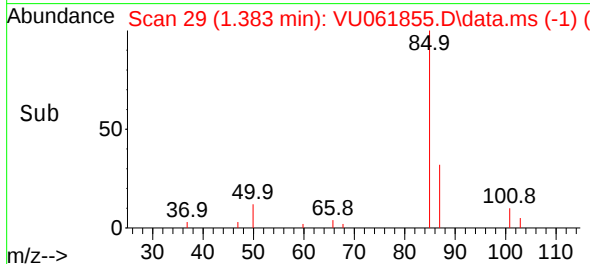
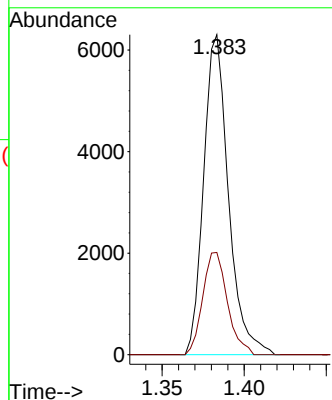
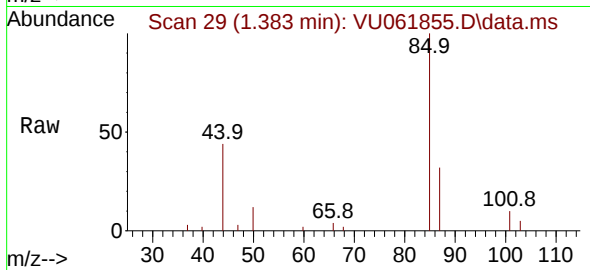




#2
 Dichlorodifluoromethane
 Concen: 0.484 ug/L
 RT: 1.383 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VU061855.D
 Acq: 19 Nov 2024 15:46

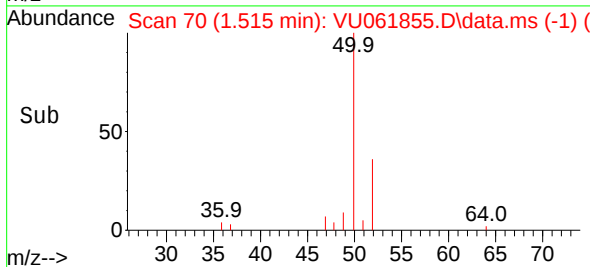
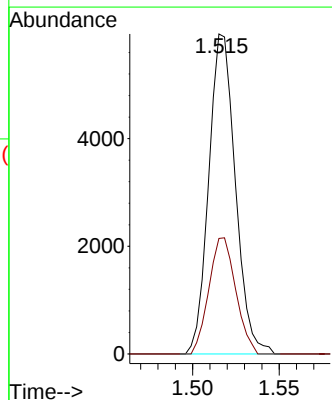
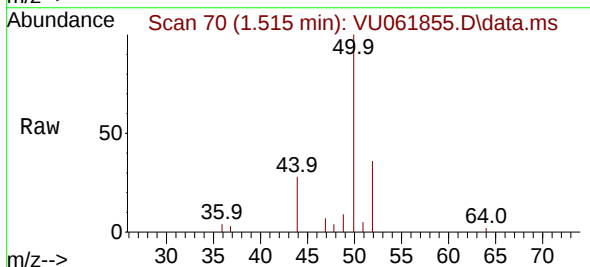
Instrument :
 MSVOA_U
 ClientSampleId :

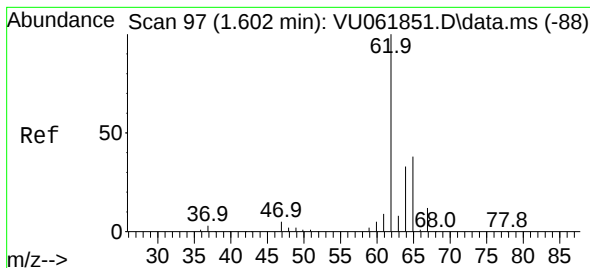
Tgt Ion: 85 Resp: 6613
 Ion Ratio Lower Upper
 85 100
 87 31.8 26.0 39.0



#3
 Chloromethane
 Concen: 0.515 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.003 min
 Lab File: VU061855.D
 Acq: 19 Nov 2024 15:46

Tgt Ion: 50 Resp: 6351
 Ion Ratio Lower Upper
 50 100
 52 36.1 23.7 43.9





#5

Vinyl chloride

Concen: 0.489 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU061855.D

Acq: 19 Nov 2024 15:46

Instrument :

MSVOA_U

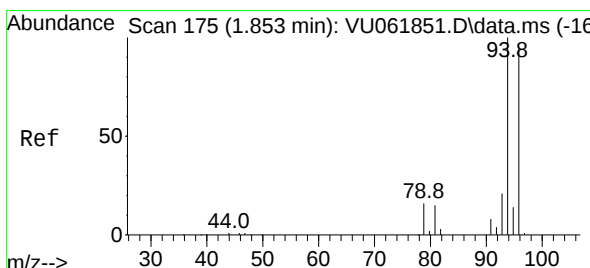
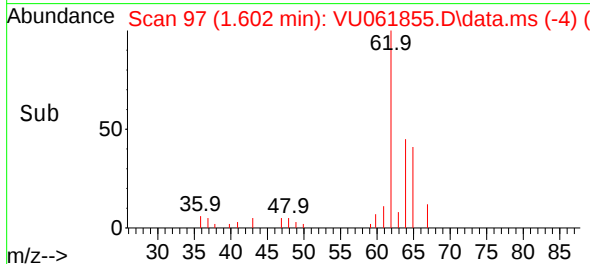
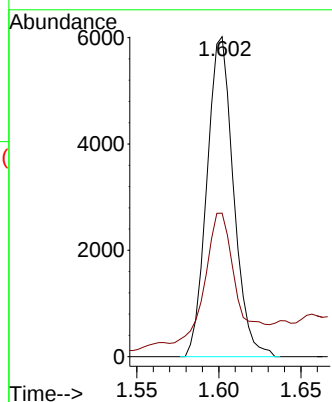
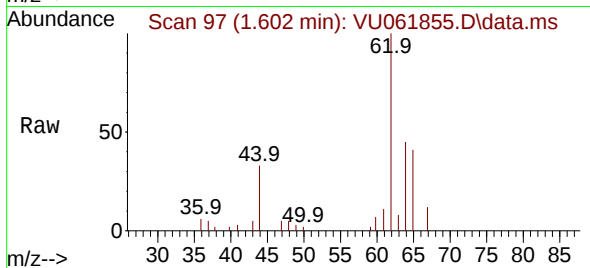
ClientSampleId :

Tgt Ion: 62 Resp: 6777

Ion Ratio Lower Upper

62 100

64 44.8 23.2 43.0#



#6

Bromomethane

Concen: 0.545 ug/L

RT: 1.853 min Scan# 175

Delta R.T. -0.000 min

Lab File: VU061855.D

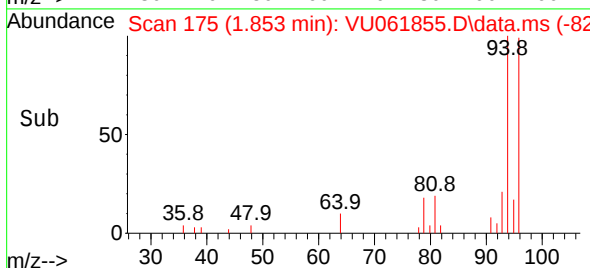
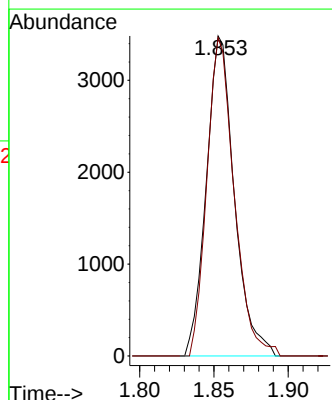
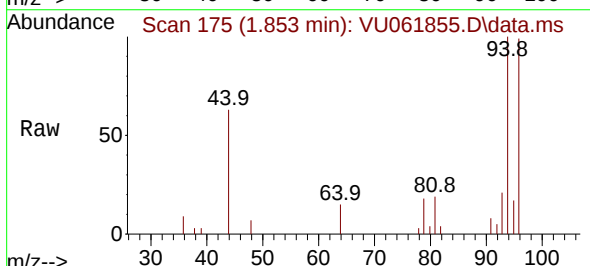
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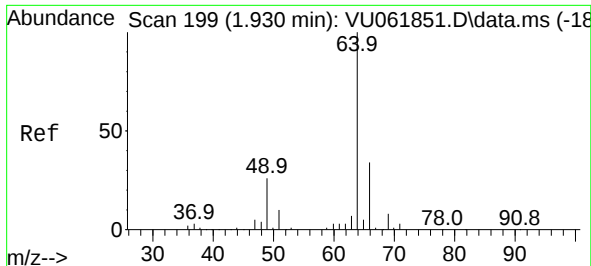
Tgt Ion: 94 Resp: 4572

Ion Ratio Lower Upper

94 100

96 99.5 66.5 123.5

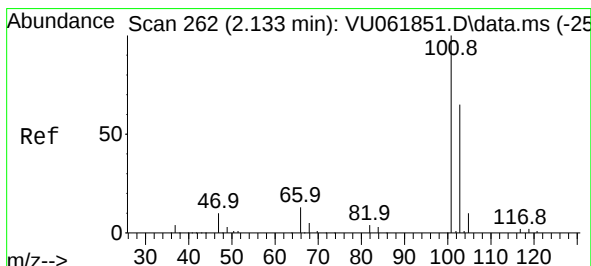
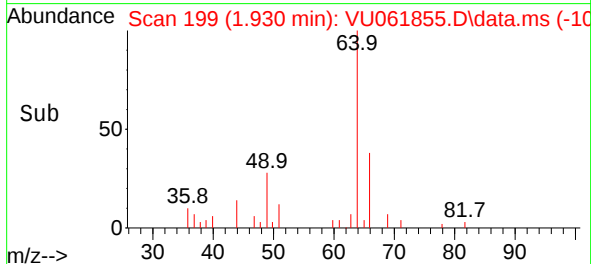
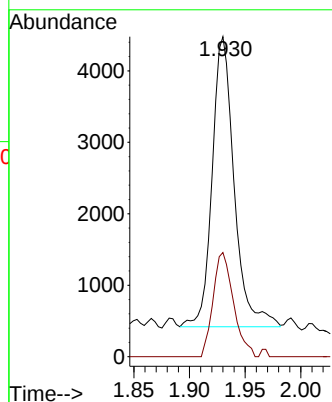
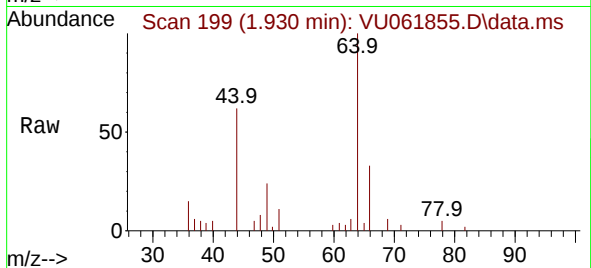




#8
Chloroethane
Concen: 0.572 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU061855.D
Acq: 19 Nov 2024 15:46

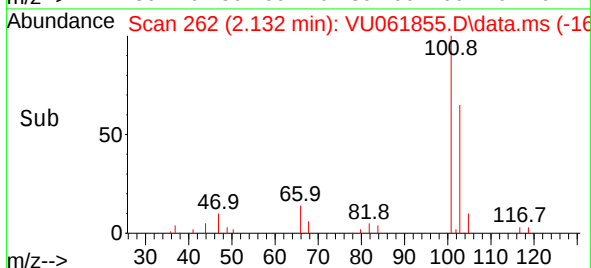
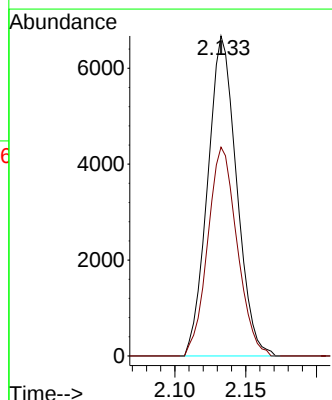
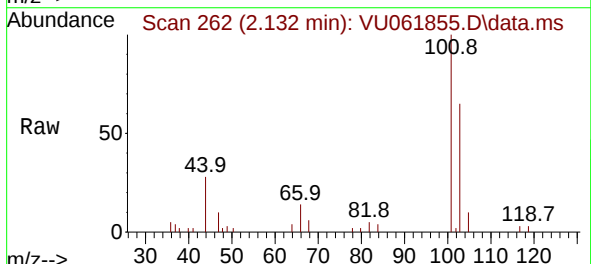
Instrument :
MSVOA_U
ClientSampleId :

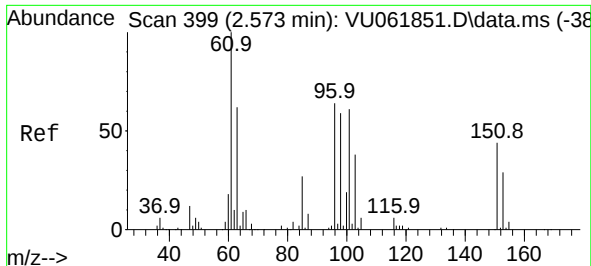
Tgt Ion: 64 Resp: 5603
Ion Ratio Lower Upper
64 100
66 32.5 23.4 43.6



#9
Trichlorofluoromethane
Concen: 0.469 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU061855.D
Acq: 19 Nov 2024 15:46

Tgt Ion:101 Resp: 9490
Ion Ratio Lower Upper
101 100
103 66.1 52.5 78.7

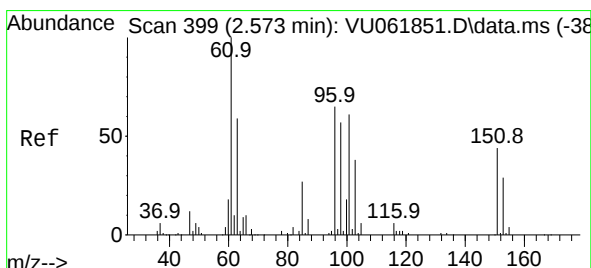
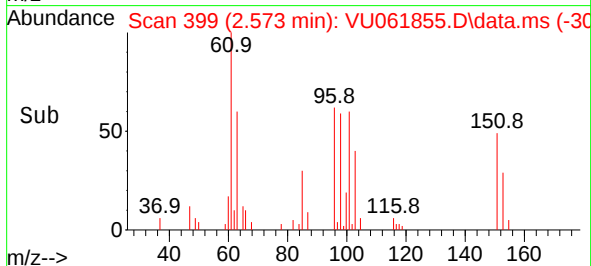
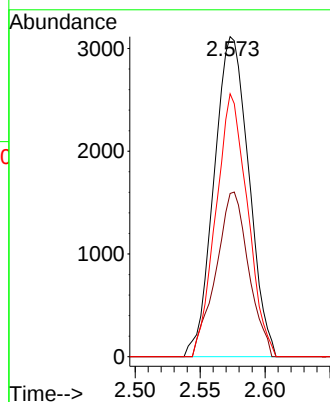
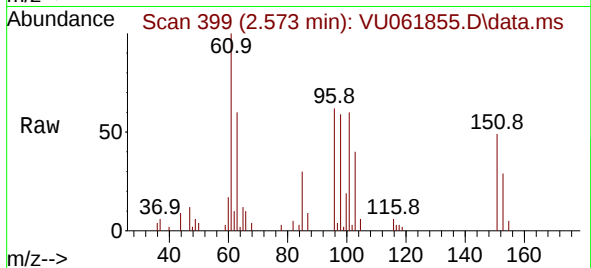




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.483 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU061855.D
Acq: 19 Nov 2024 15:46

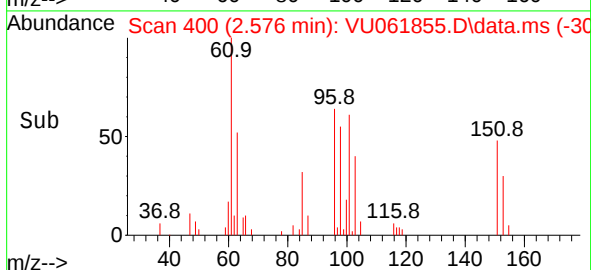
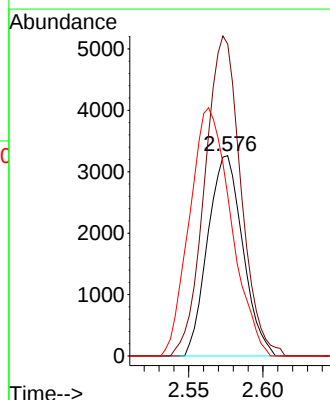
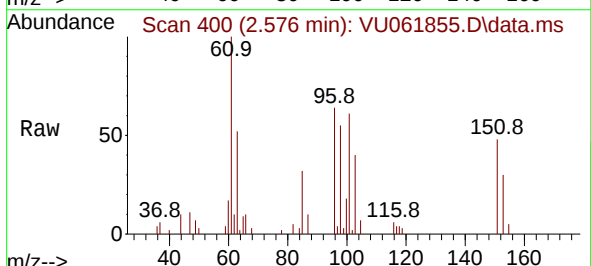
Instrument :
MSVOA_U
ClientSampleId :

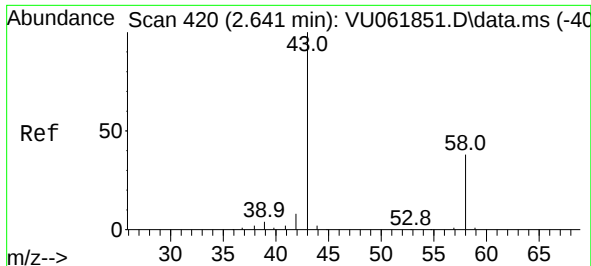
Tgt Ion:101 Resp: 5780
Ion Ratio Lower Upper
101 100
85 48.4 35.8 53.8
151 75.0 57.9 86.9



#12
1,1-Dichloroethene
Concen: 0.479 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU061855.D
Acq: 19 Nov 2024 15:46

Tgt Ion: 96 Resp: 5354
Ion Ratio Lower Upper
96 100
61 155.7 108.8 202.0
63 80.2 67.2 124.8





#13

Acetone

Concen: 4.833 ug/L

RT: 2.647 min Scan# 420

Delta R.T. 0.006 min

Lab File: VU061855.D

Acq: 19 Nov 2024 15:46

Instrument :

MSVOA_U

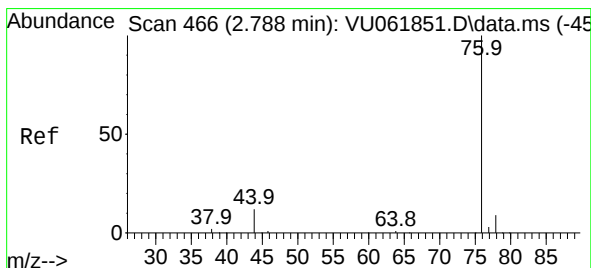
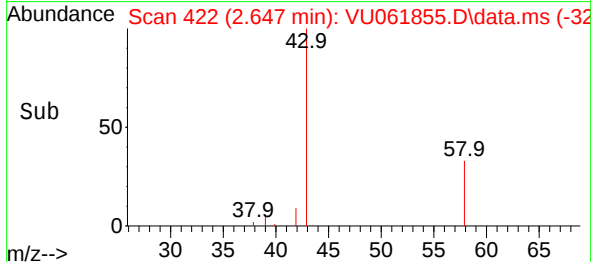
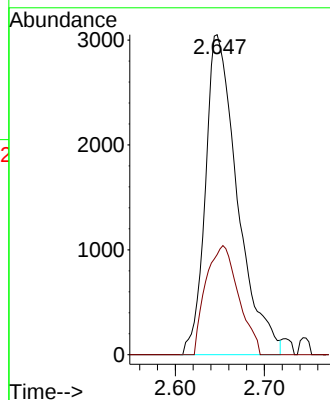
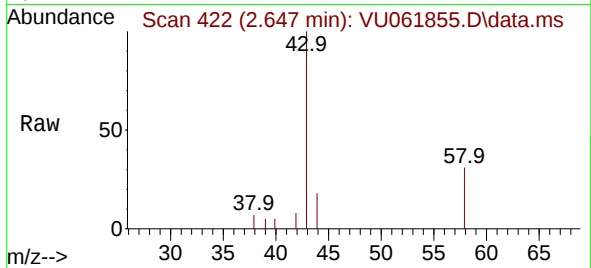
ClientSampleId :

Tgt Ion: 43 Resp: 7637

Ion Ratio Lower Upper

43 100

58 34.7 0.0 75.8



#14

Carbon disulfide

Concen: 0.476 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU061855.D

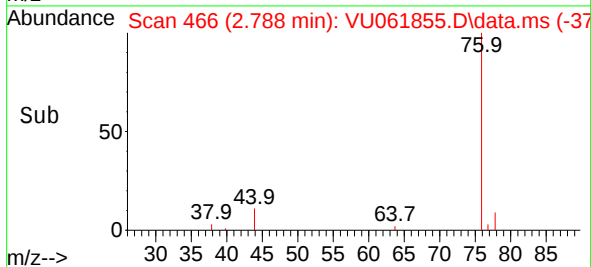
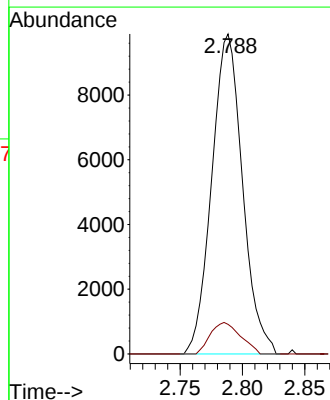
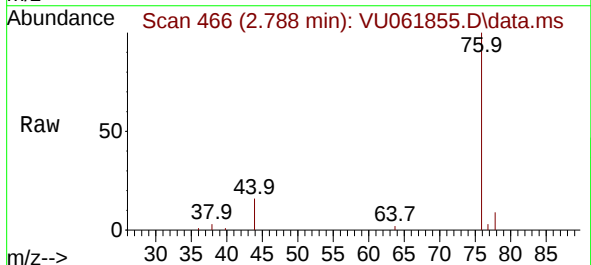
Acq: 19 Nov 2024 15:46

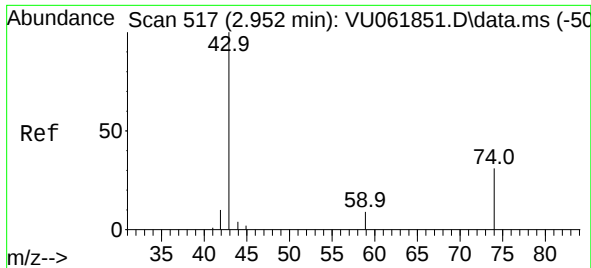
Tgt Ion: 76 Resp: 16985

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0





#15

Methyl Acetate

Concen: 0.387 ug/L

RT: 2.968 min Scan# 517

Delta R.T. 0.016 min

Lab File: VU061855.D

Acq: 19 Nov 2024 15:46

Instrument :

MSVOA_U

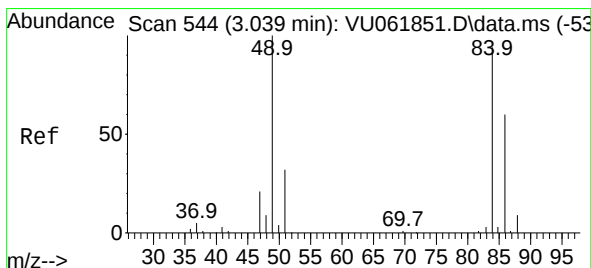
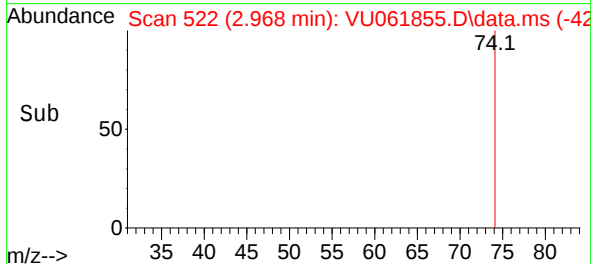
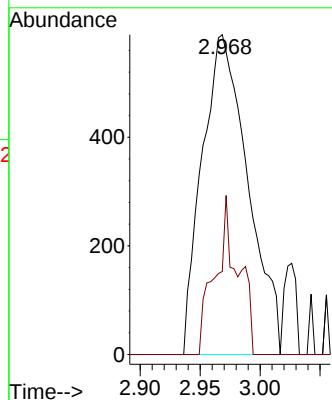
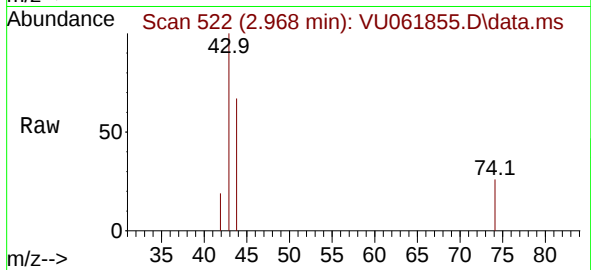
ClientSampleId :

Tgt Ion: 43 Resp: 1562

Ion Ratio Lower Upper

43 100

74 19.3 21.5 32.3#



#16

Methylene chloride

Concen: 0.520 ug/L

RT: 3.039 min Scan# 544

Delta R.T. -0.000 min

Lab File: VU061855.D

Acq: 19 Nov 2024 15:46

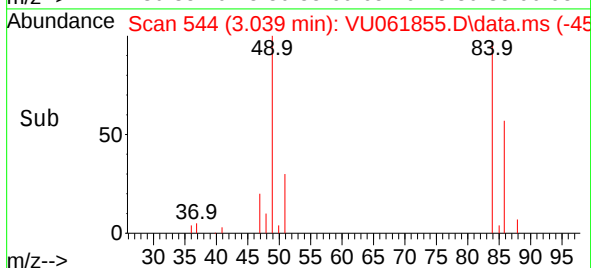
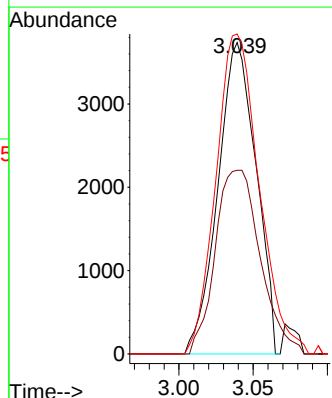
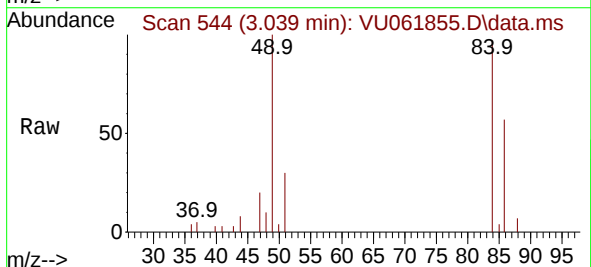
Tgt Ion: 84 Resp: 6697

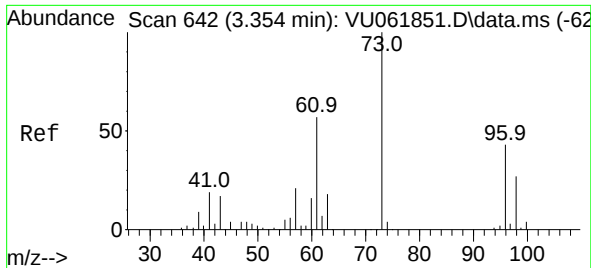
Ion Ratio Lower Upper

84 100

86 59.0 45.0 83.6

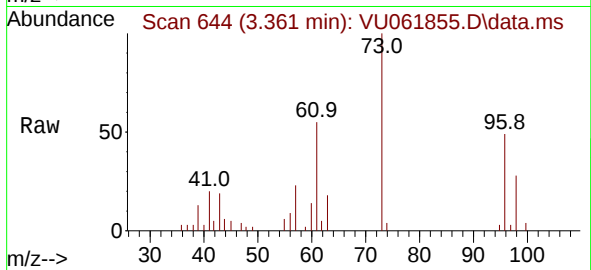
49 102.8 74.5 138.5



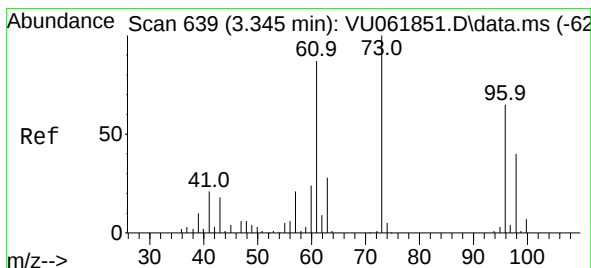
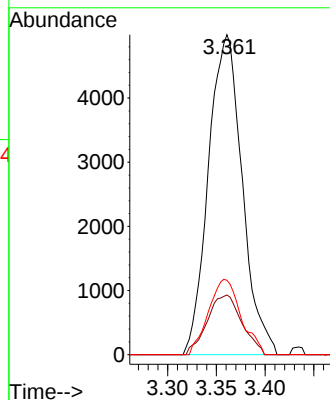
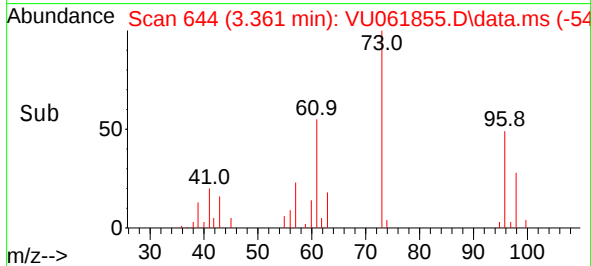


#17
Methyl tert-butyl Ether
Concen: 0.443 ug/L
RT: 3.361 min Scan# 644
Delta R.T. 0.006 min
Lab File: VU061855.D
Acq: 19 Nov 2024 15:46

Instrument :
MSVOA_U
ClientSampleId :

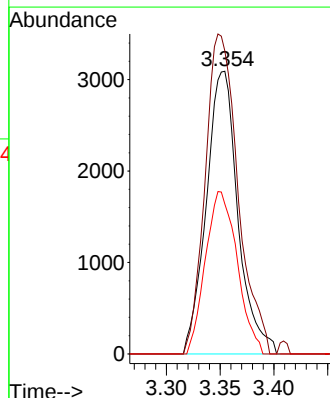
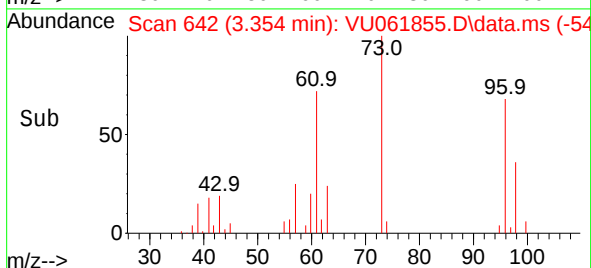
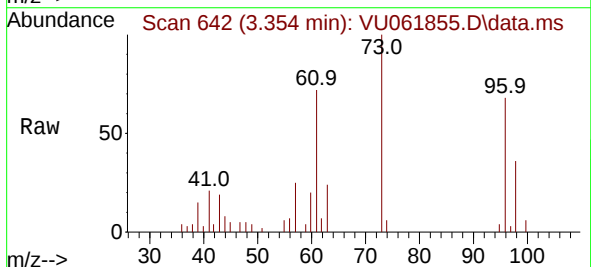


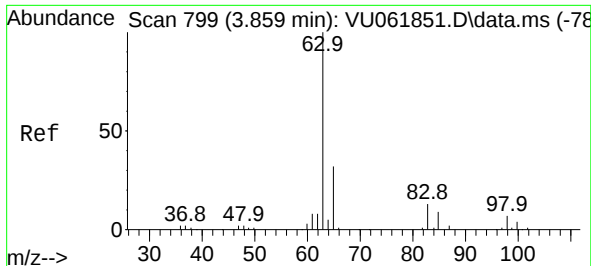
Tgt Ion: 73 Resp: 12014
Ion Ratio Lower Upper
73 100
43 19.1 14.2 21.4
57 22.6 17.4 26.2



#18
trans-1,2-Dichloroethene
Concen: 0.521 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.010 min
Lab File: VU061855.D
Acq: 19 Nov 2024 15:46

Tgt Ion: 96 Resp: 6337
Ion Ratio Lower Upper
96 100
61 107.2 94.1 174.8
98 53.0 42.8 79.4

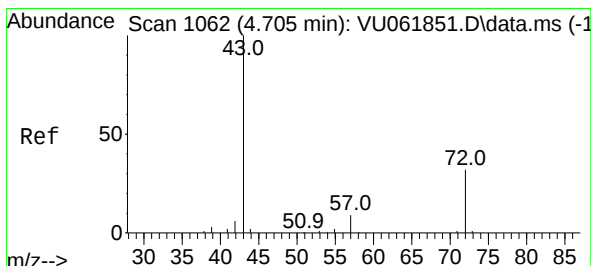
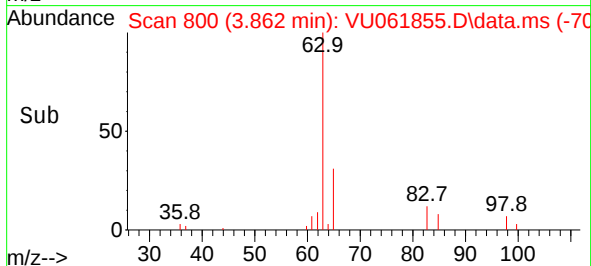
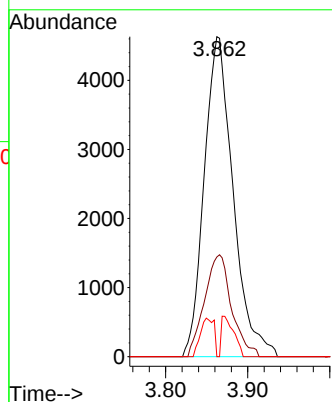
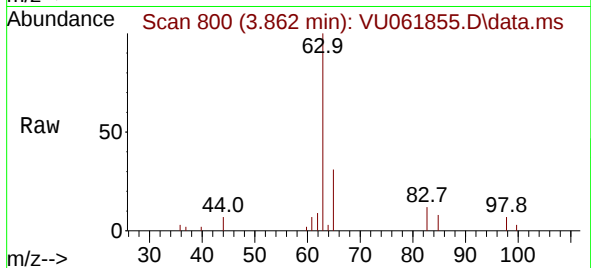




#19
1,1-Dichloroethane
Concen: 0.508 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.003 min
Lab File: VU061855.D
Acq: 19 Nov 2024 15:46

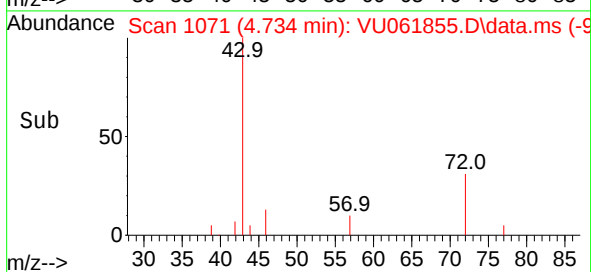
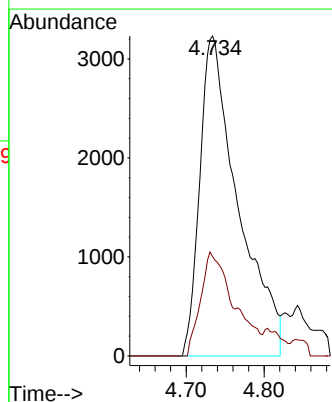
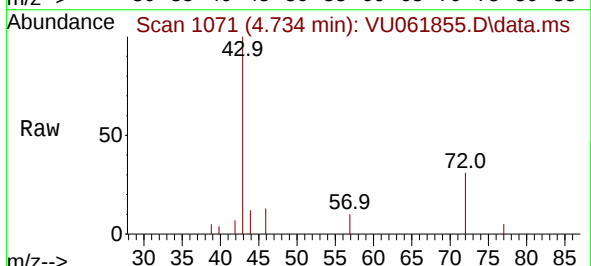
Instrument :
MSVOA_U
ClientSampleId :

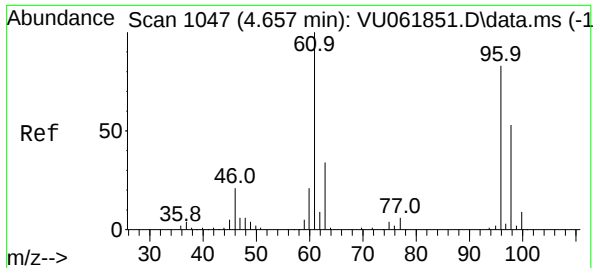
Tgt Ion: 63 Resp: 11323
Ion Ratio Lower Upper
63 100
65 31.2 22.6 42.0
83 0.0 9.4 17.4#



#21
2-Butanone
Concen: 4.234 ug/L
RT: 4.734 min Scan# 1071
Delta R.T. 0.029 min
Lab File: VU061855.D
Acq: 19 Nov 2024 15:46

Tgt Ion: 43 Resp: 11055
Ion Ratio Lower Upper
43 100
72 28.9 16.1 48.3

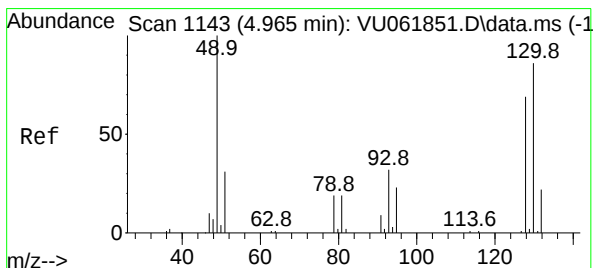
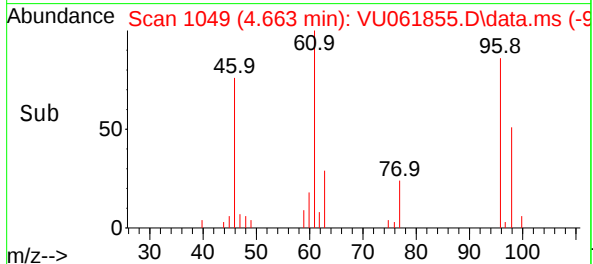
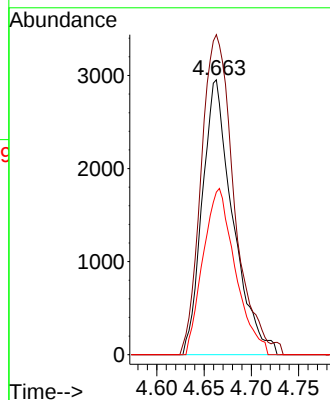
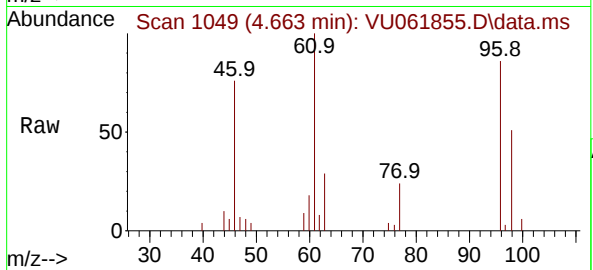




#22
cis-1,2-Dichloroethene
Concen: 0.479 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.006 min
Lab File: VU061855.D
Acq: 19 Nov 2024 15:46

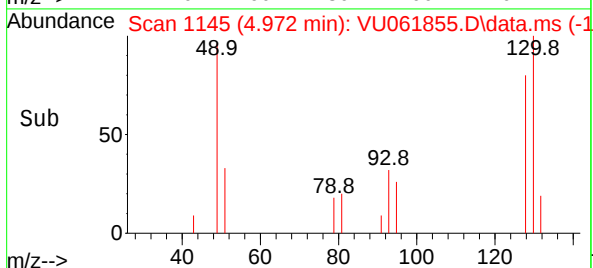
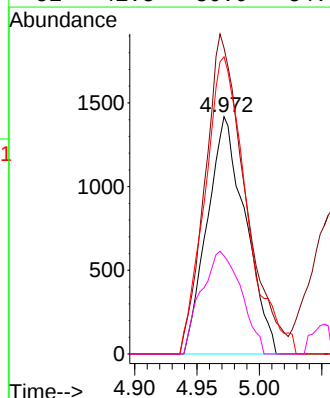
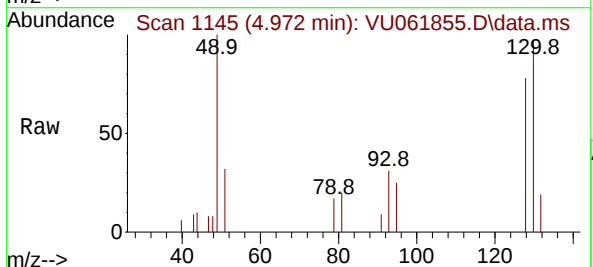
Instrument :
MSVOA_U
ClientSampleId :

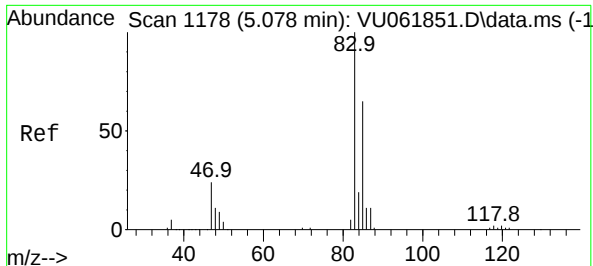
Tgt Ion: 96 Resp: 6632
Ion Ratio Lower Upper
96 100
61 112.2 84.5 156.9
98 57.0 44.6 82.8



#23
Bromochloromethane
Concen: 0.488 ug/L
RT: 4.972 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VU061855.D
Acq: 19 Nov 2024 15:46

Tgt Ion: 128 Resp: 3019
Ion Ratio Lower Upper
128 100
49 128.9 100.9 187.5
130 125.2 87.0 161.6
51 41.3 36.0 54.0





#25

Chloroform

Concen: 0.506 ug/L

RT: 5.084 min Scan# 1178

Delta R.T. 0.006 min

Lab File: VU061855.D

Acq: 19 Nov 2024 15:46

Instrument :

MSVOA_U

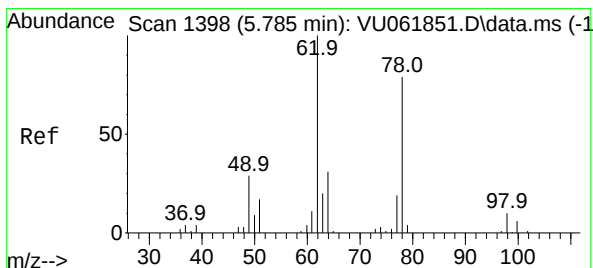
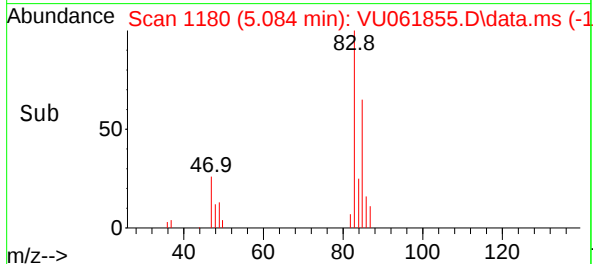
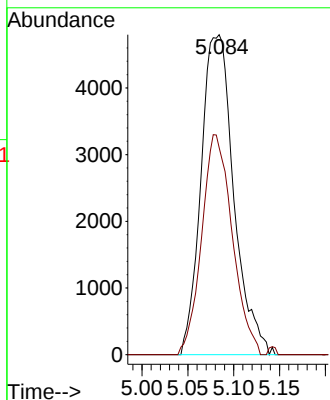
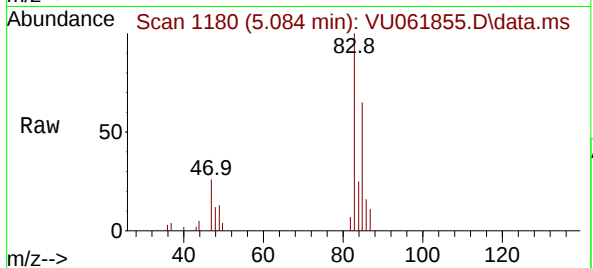
ClientSampleId :

Tgt Ion: 83 Resp: 11931

Ion Ratio Lower Upper

83 100

85 64.7 45.5 84.5



#27

1,2-Dichloroethane

Concen: 0.482 ug/L

RT: 5.795 min Scan# 1401

Delta R.T. 0.010 min

Lab File: VU061855.D

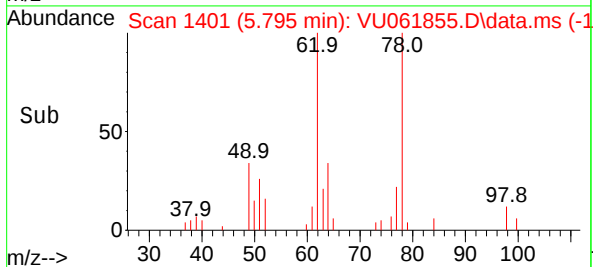
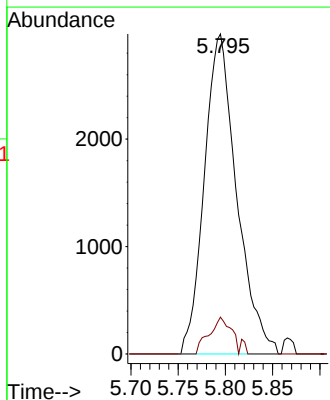
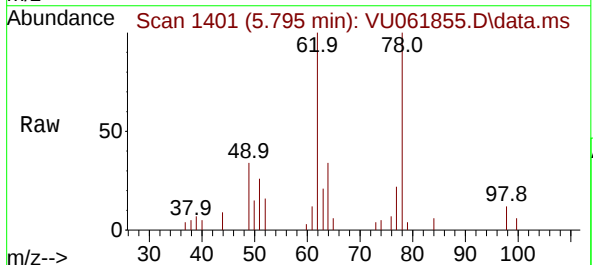
Acq: 19 Nov 2024 15:46

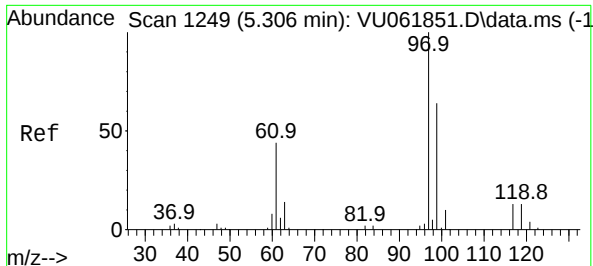
Tgt Ion: 62 Resp: 7096

Ion Ratio Lower Upper

62 100

98 11.5 8.1 12.1

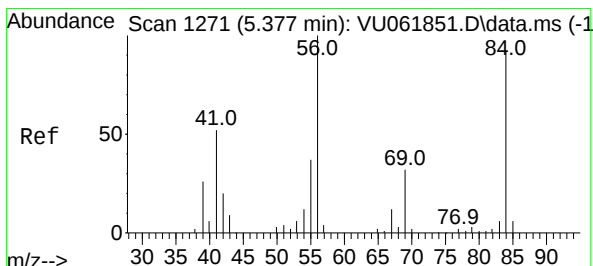
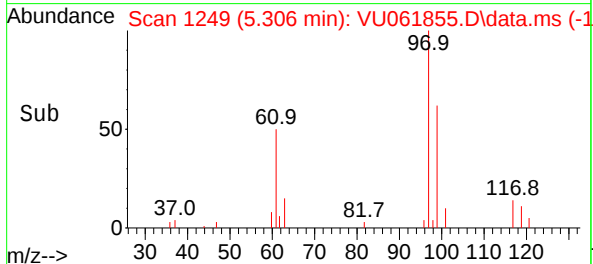
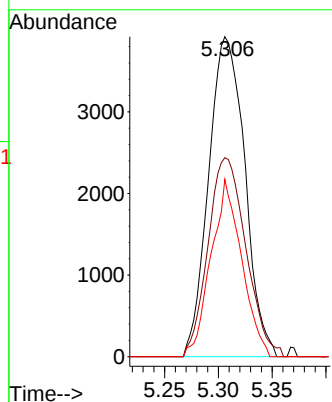
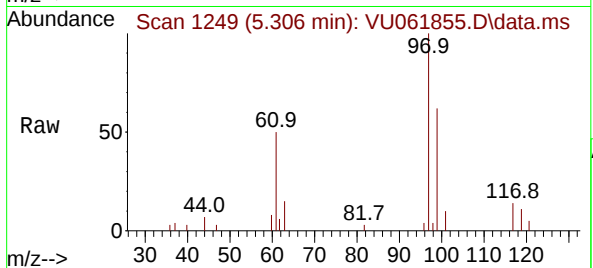




#29
1,1,1-Trichloroethane
Concen: 0.340 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU061855.D
Acq: 19 Nov 2024 15:46

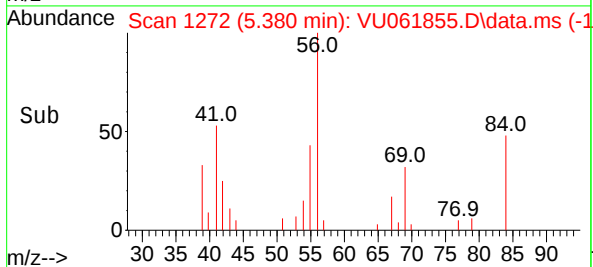
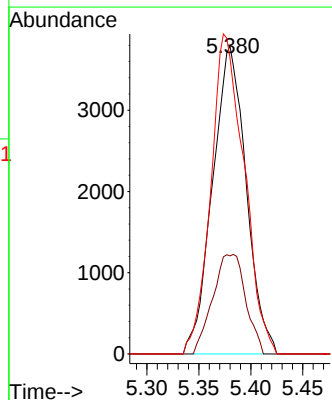
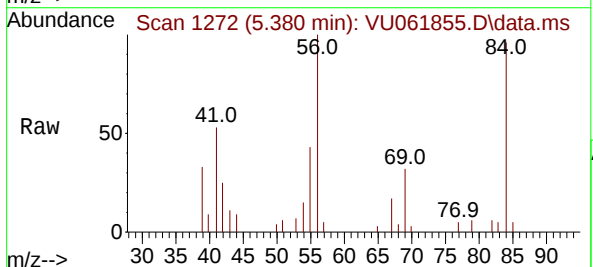
Instrument :
MSVOA_U
ClientSampleId :

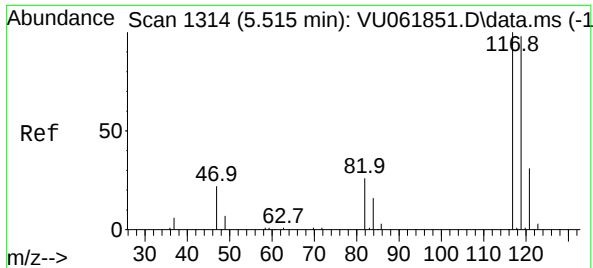
Tgt Ion:	97	Resp:	9179
Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.0	76.4
61	46.9	34.8	52.2



#30
Cyclohexane
Concen: 0.317 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.003 min
Lab File: VU061855.D
Acq: 19 Nov 2024 15:46

Tgt Ion:	56	Resp:	8504
Ion	Ratio	Lower	Upper
56	100		
69	31.7	26.2	39.4
84	103.2	76.0	114.0

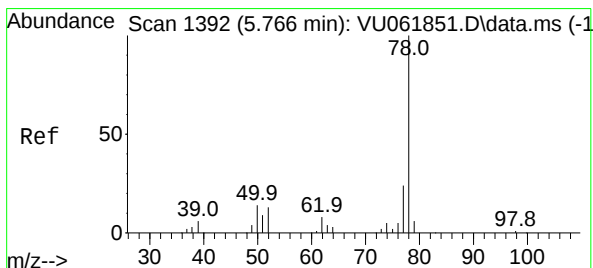
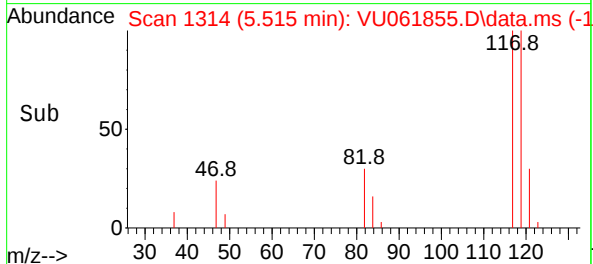
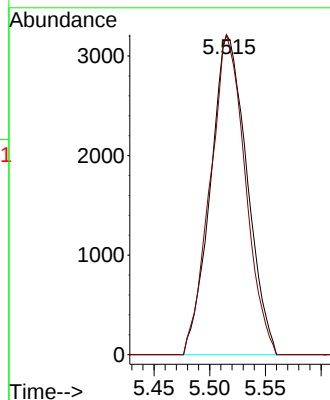
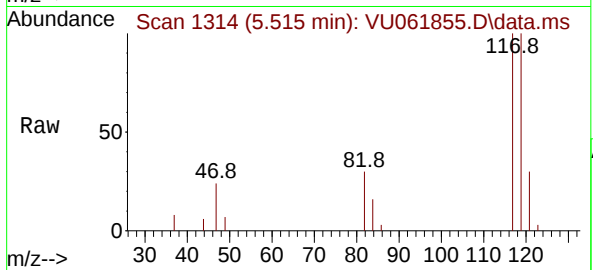




#31
Carbon tetrachloride
Concen: 0.317 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU061855.D
Acq: 19 Nov 2024 15:46

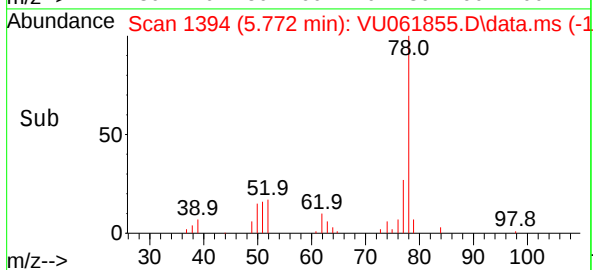
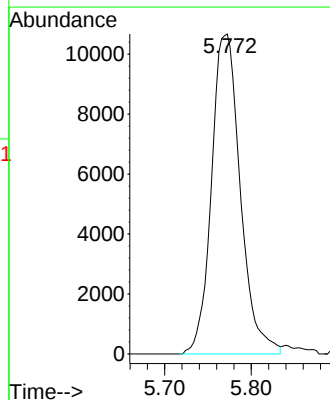
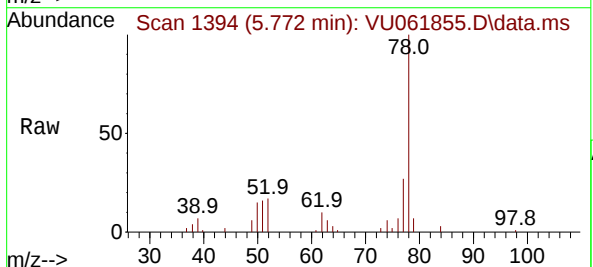
Instrument :
MSVOA_U
ClientSampleId :

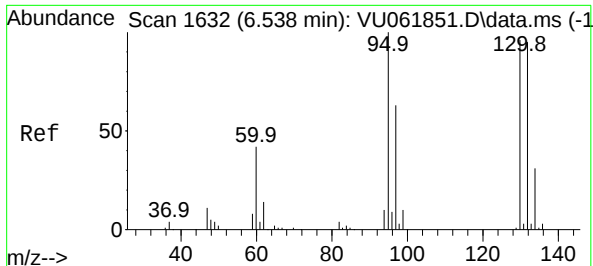
Tgt Ion:117 Resp: 7292
Ion Ratio Lower Upper
117 100
119 96.1 76.5 114.7



#33
Benzene
Concen: 0.344 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. 0.006 min
Lab File: VU061855.D
Acq: 19 Nov 2024 15:46

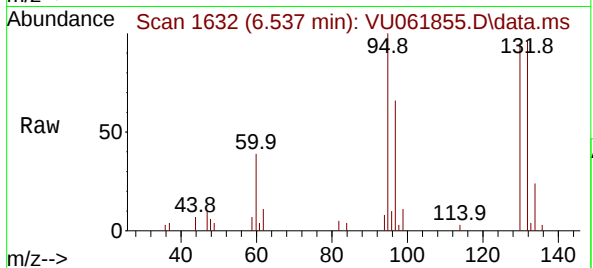
Tgt Ion: 78 Resp: 24690



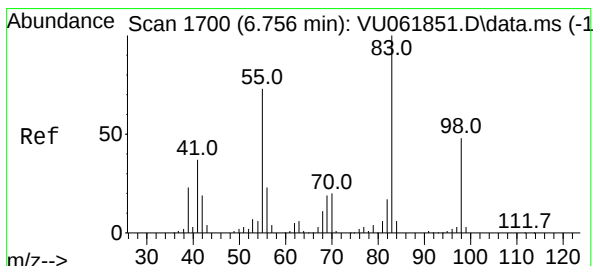
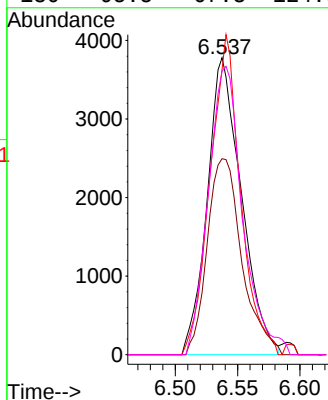
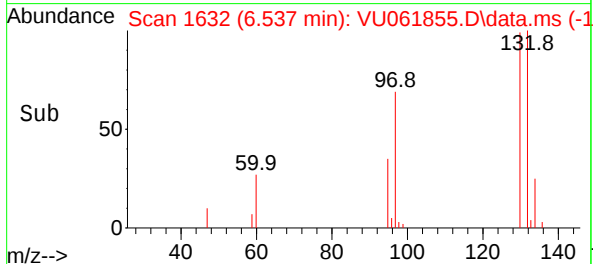


#34
Trichloroethene
Concen: 0.354 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU061855.D
Acq: 19 Nov 2024 15:46

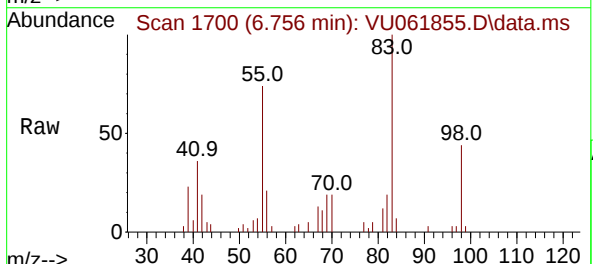
Instrument :
MSVOA_U
ClientSampleId :



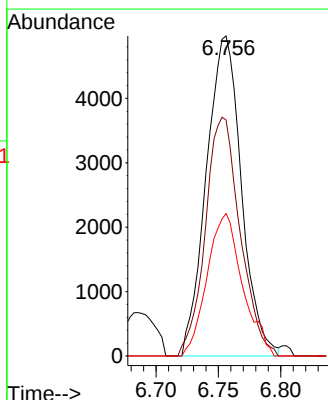
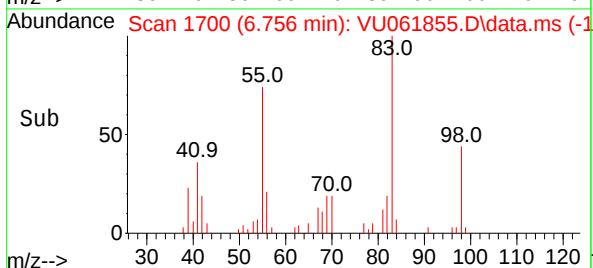
Tgt Ion: 95 Resp: 7206
Ion Ratio Lower Upper
95 100
97 66.0 44.2 82.0
132 96.1 66.4 123.2
130 95.5 67.3 124.9

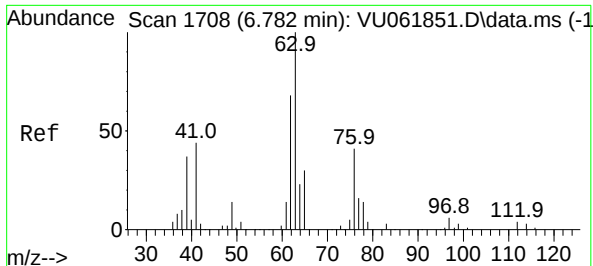


#35
Methylcyclohexane
Concen: 0.317 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU061855.D
Acq: 19 Nov 2024 15:46



Tgt Ion: 83 Resp: 9743
Ion Ratio Lower Upper
83 100
55 73.9 56.9 85.3
98 44.7 37.2 55.8





#37

1,2-Dichloropropane

Concen: 0.337 ug/L

RT: 6.785 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU061855.D

Acq: 19 Nov 2024 15:46

Instrument :

MSVOA_U

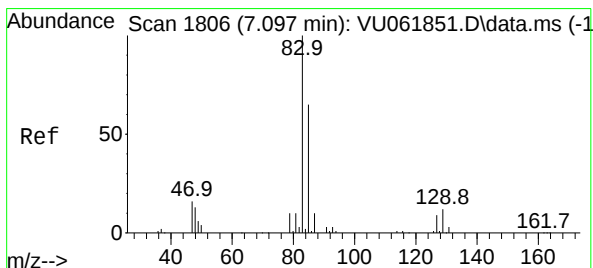
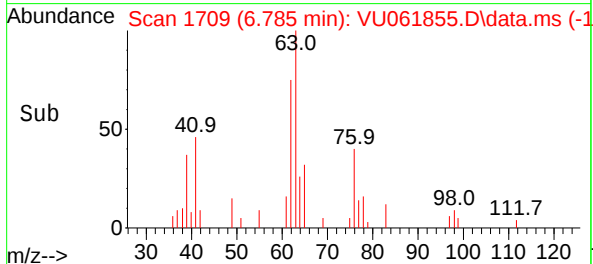
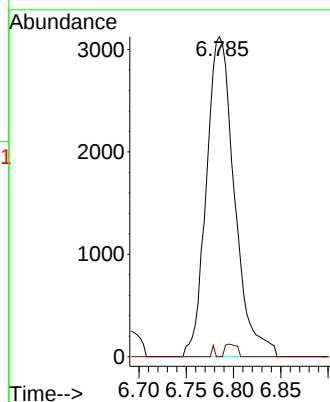
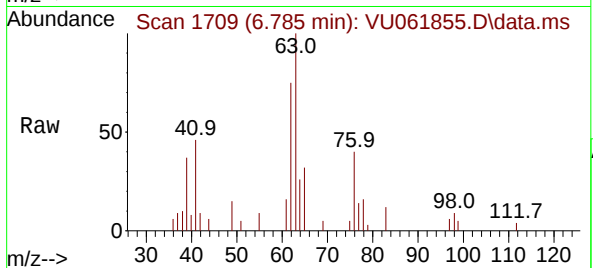
ClientSampleId :

Tgt Ion: 63 Resp: 6460

Ion Ratio Lower Upper

63 100

112 0.3 3.0 4.6#



#38

Bromodichloromethane

Concen: 0.422 ug/L

RT: 7.097 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VU061855.D

Acq: 19 Nov 2024 15:46

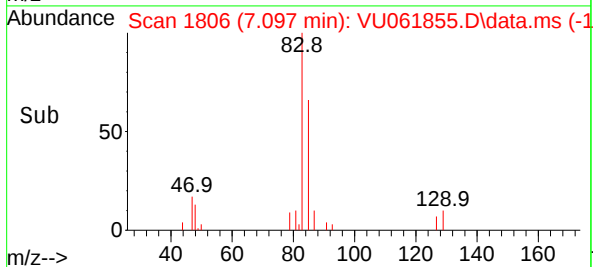
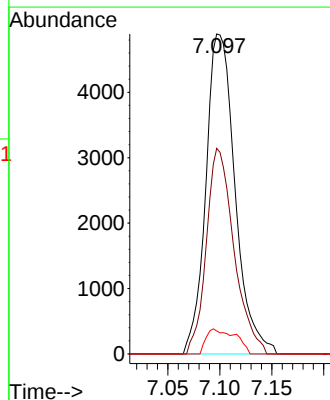
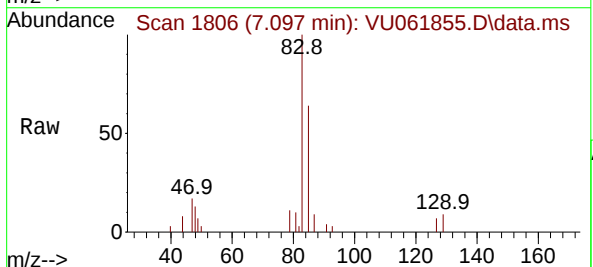
Tgt Ion: 83 Resp: 9564

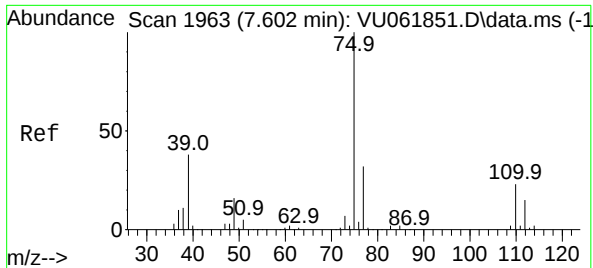
Ion Ratio Lower Upper

83 100

85 64.2 45.4 84.4

127 7.2 7.4 11.0#

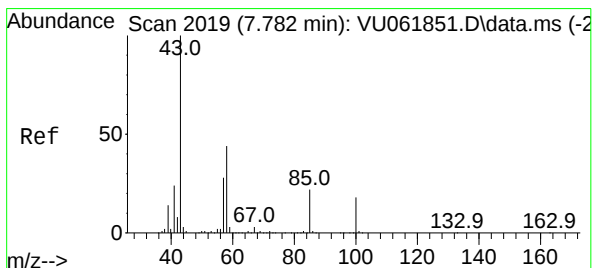
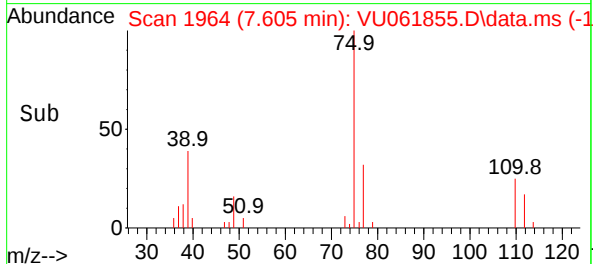
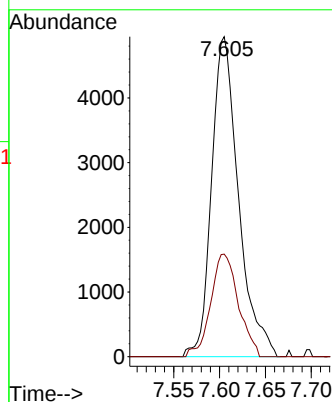
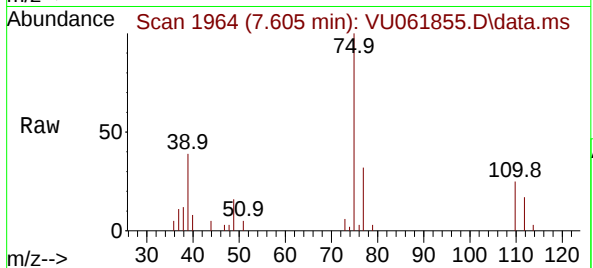




#39
 cis-1,3-Dichloropropene
 Concen: 0.376 ug/L
 RT: 7.605 min Scan# 1963
 Delta R.T. 0.003 min
 Lab File: VU061855.D
 Acq: 19 Nov 2024 15:46

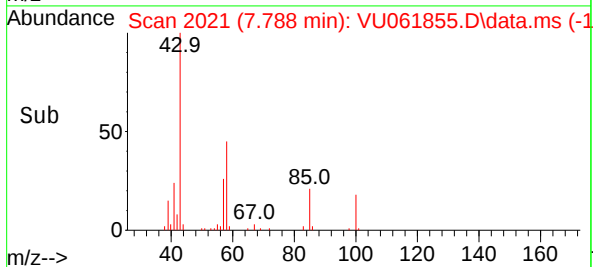
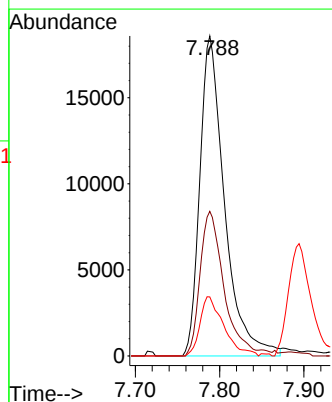
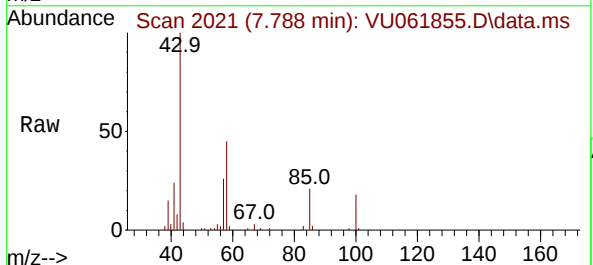
Instrument :
 MSVOA_U
 ClientSampleId :

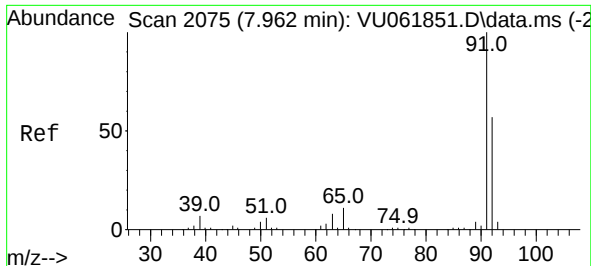
Tgt Ion: 75 Resp: 10092
 Ion Ratio Lower Upper
 75 100
 77 32.1 22.0 41.0



#40
 4-Methyl-2-pentanone
 Concen: 4.190 ug/L
 RT: 7.788 min Scan# 2021
 Delta R.T. 0.006 min
 Lab File: VU061855.D
 Acq: 19 Nov 2024 15:46

Tgt Ion: 43 Resp: 37936
 Ion Ratio Lower Upper
 43 100
 58 43.4 35.8 53.6
 100 17.8 14.7 22.1

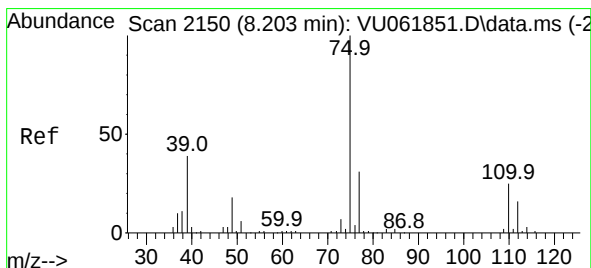
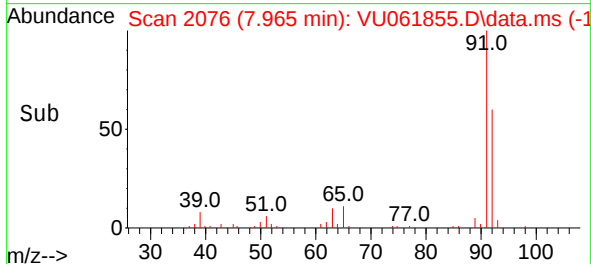
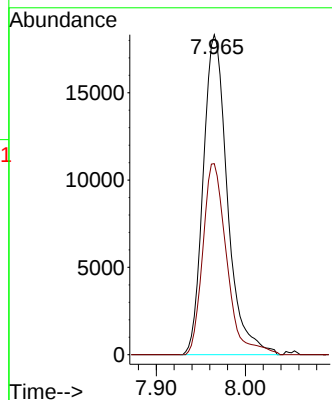
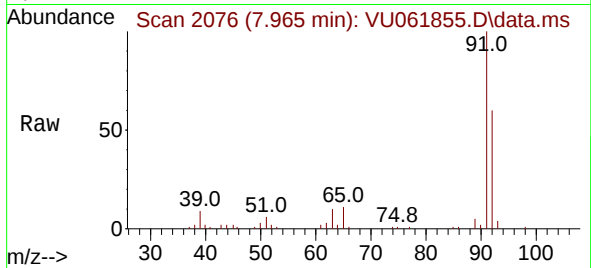




#42
Toluene
Concen: 0.421 ug/L
RT: 7.965 min Scan# 2075
Delta R.T. 0.003 min
Lab File: VU061855.D
Acq: 19 Nov 2024 15:46

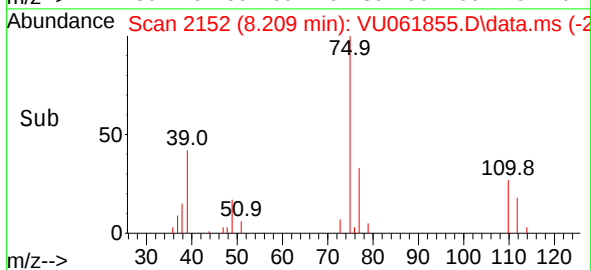
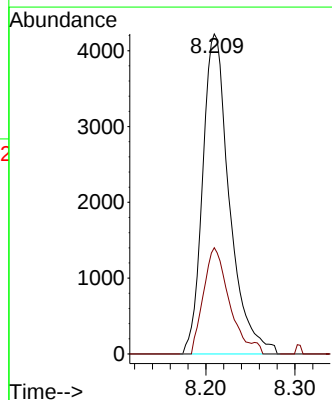
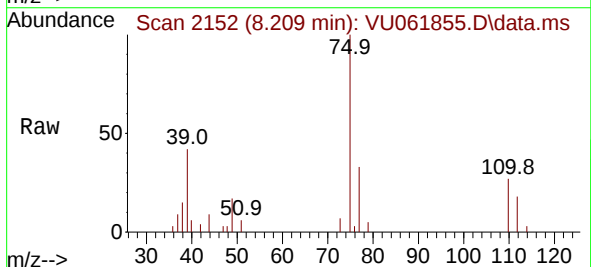
Instrument :
MSVOA_U
ClientSampleId :

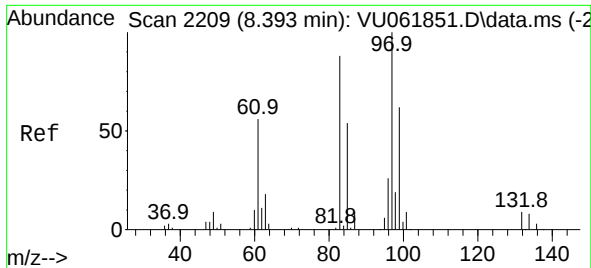
Tgt Ion: 91 Resp: 34668
Ion Ratio Lower Upper
91 100
92 59.7 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 0.414 ug/L
RT: 8.209 min Scan# 2152
Delta R.T. 0.006 min
Lab File: VU061855.D
Acq: 19 Nov 2024 15:46

Tgt Ion: 75 Resp: 8812
Ion Ratio Lower Upper
75 100
77 33.2 21.8 40.6

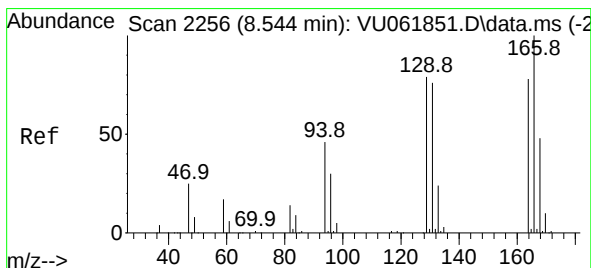
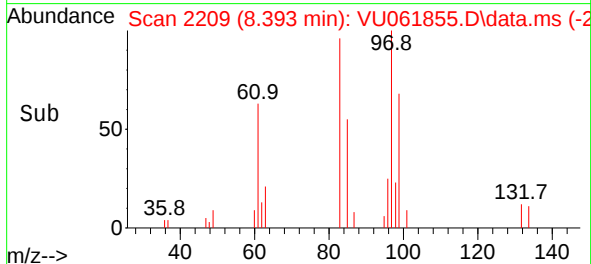
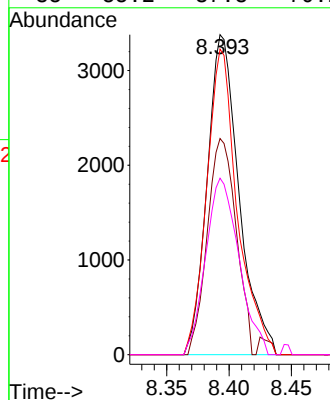
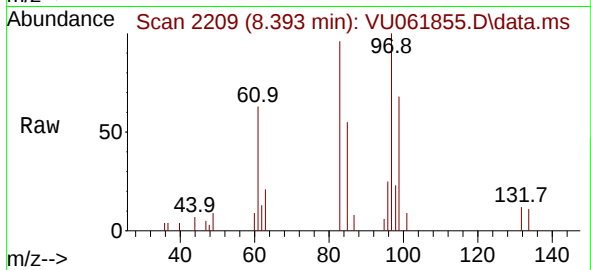




#45
1,1,2-Trichloroethane
Concen: 0.423 ug/L
RT: 8.393 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU061855.D
Acq: 19 Nov 2024 15:46

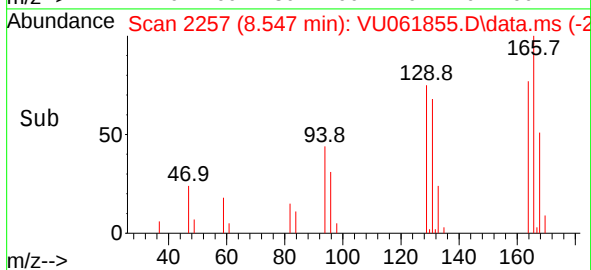
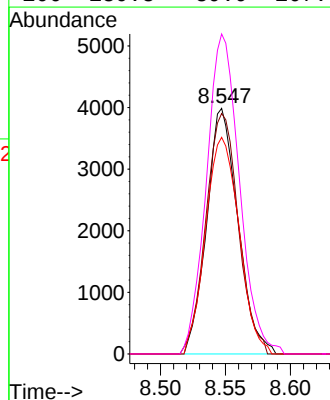
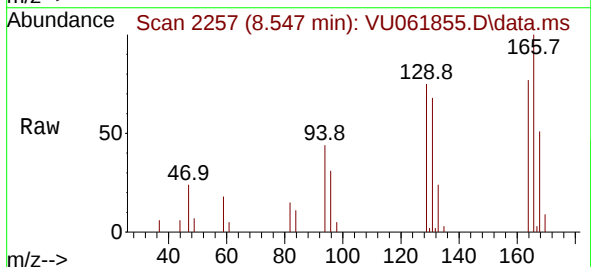
Instrument :
MSVOA_U
ClientSampleId :

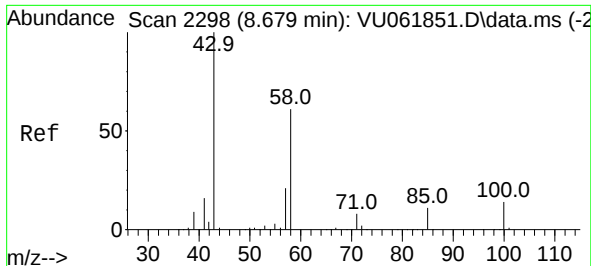
Tgt Ion: 97	Resp: 6011
Ion Ratio	Lower Upper
97 100	
99 67.6	43.6 81.0
83 95.5	61.7 114.5
85 55.2	37.8 70.2



#47
Tetrachloroethene
Concen: 0.434 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.003 min
Lab File: VU061855.D
Acq: 19 Nov 2024 15:46

Tgt	Ion:164	Resp:	6674
Ion	Ratio	Lower	Upper
164	100		
129	97.9	71.4	132.6
131	88.2	68.2	126.6
166	130.3	89.9	167.0





#48

2-Hexanone

Concen: 4.662 ug/L

RT: 8.685 min Scan# 2300

Delta R.T. 0.006 min

Lab File: VU061855.D

Acq: 19 Nov 2024 15:46

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 43 Resp: 30167

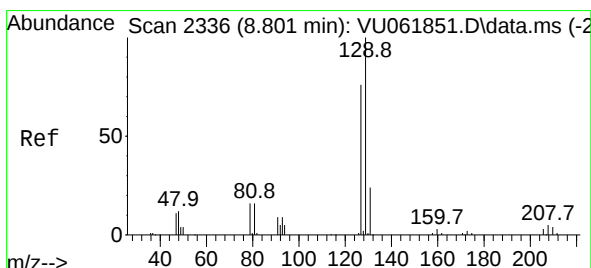
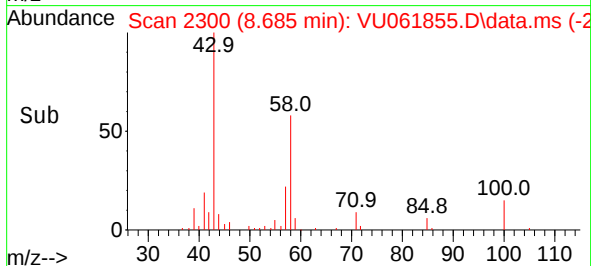
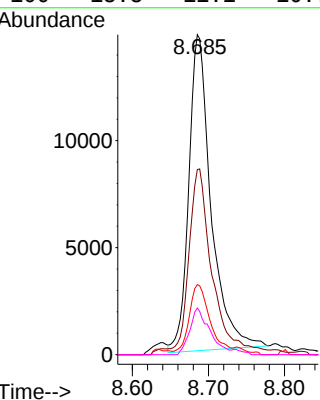
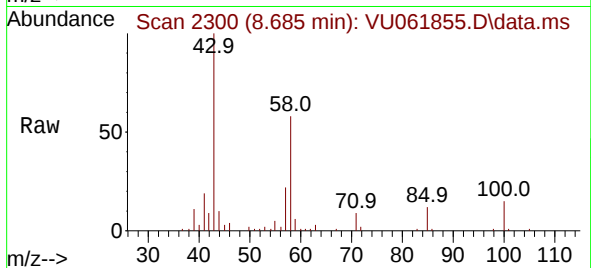
Ion Ratio Lower Upper

43 100

58 58.2 49.6 74.4

57 19.1 17.6 26.4

100 13.3 11.1 16.7



#49

Dibromochloromethane

Concen: 0.420 ug/L

RT: 8.804 min Scan# 2337

Delta R.T. 0.003 min

Lab File: VU061855.D

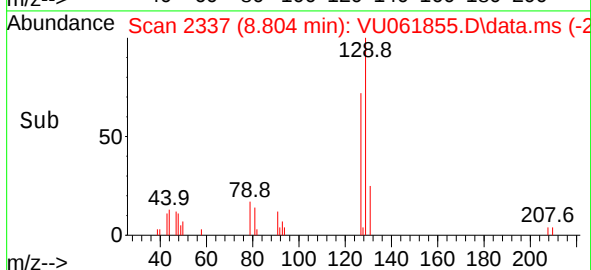
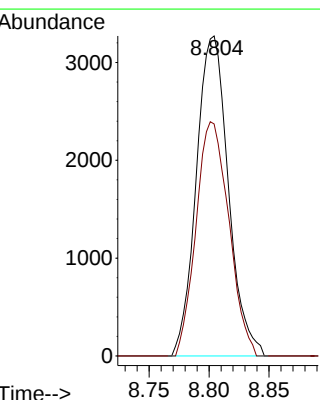
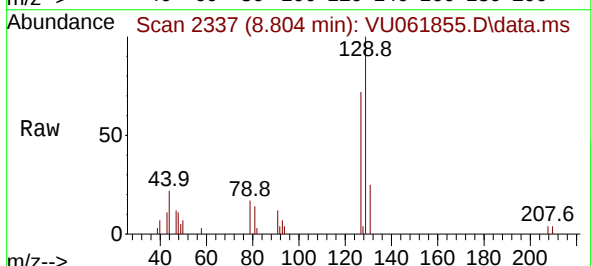
Acq: 19 Nov 2024 15:46

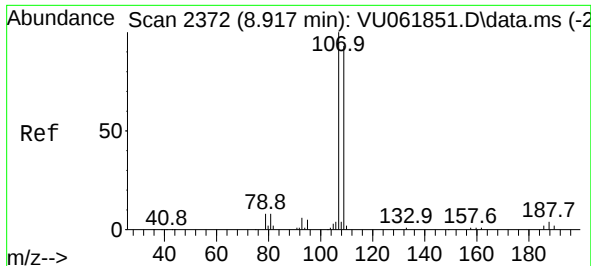
Tgt Ion: 129 Resp: 6082

Ion Ratio Lower Upper

129 100

127 72.5 53.4 99.2

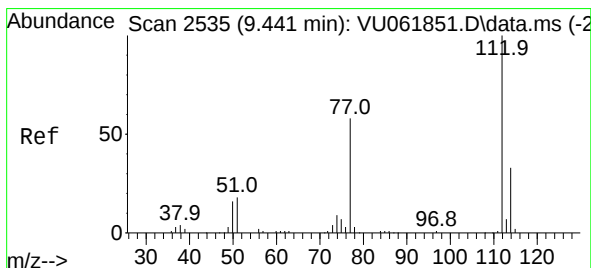
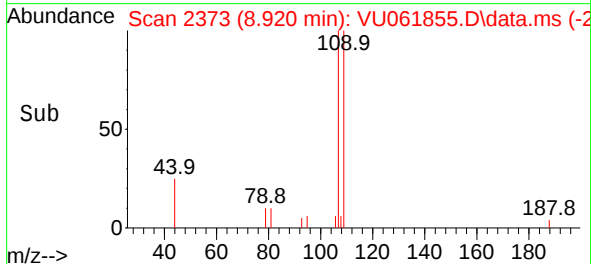
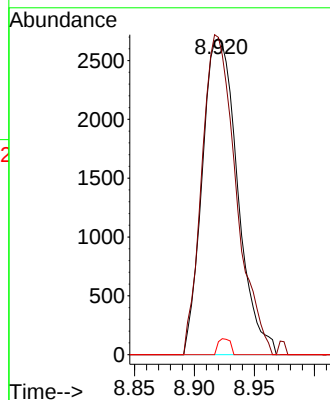
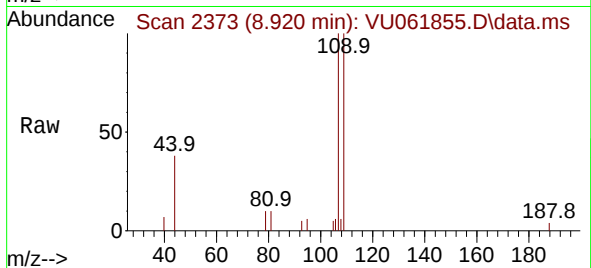




#50
1,2-Dibromoethane
Concen: 0.414 ug/L
RT: 8.920 min Scan# 24
Delta R.T. 0.003 min
Lab File: VU061855.D
Acq: 19 Nov 2024 15:46

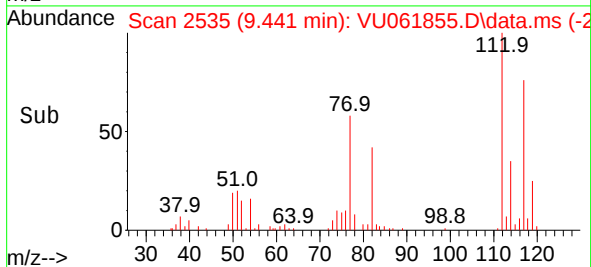
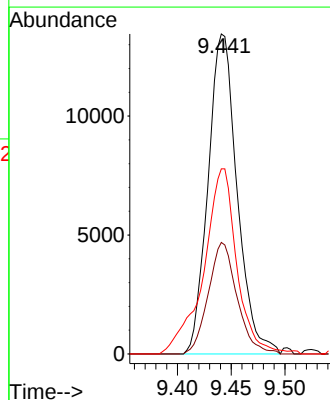
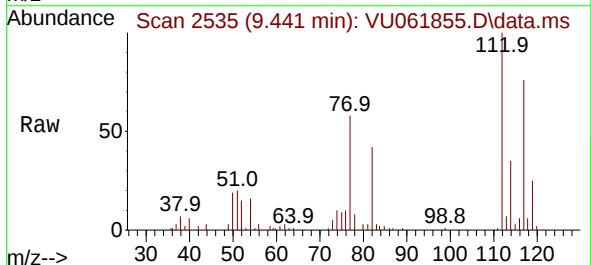
Instrument :
MSVOA_U
ClientSampleId :

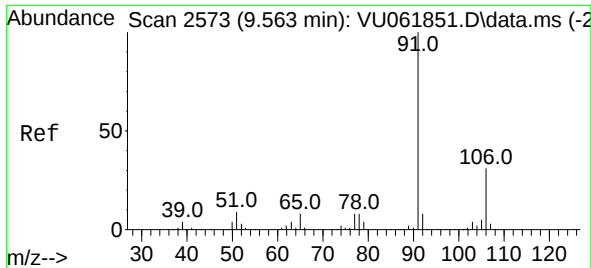
Tgt Ion:107 Resp: 5488
Ion Ratio Lower Upper
107 100
109 100.3 65.2 121.2
188 4.1 3.0 4.4



#51
Chlorobenzene
Concen: 0.486 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU061855.D
Acq: 19 Nov 2024 15:46

Tgt Ion:112 Resp: 25308
Ion Ratio Lower Upper
112 100
114 34.8 22.7 42.3
77 57.9 46.7 70.1





#52

Ethylbenzene

Concen: 0.454 ug/L

RT: 9.566 min Scan# 2573

Delta R.T. 0.003 min

Lab File: VU061855.D

Acq: 19 Nov 2024 15:46

Instrument :

MSVOA_U

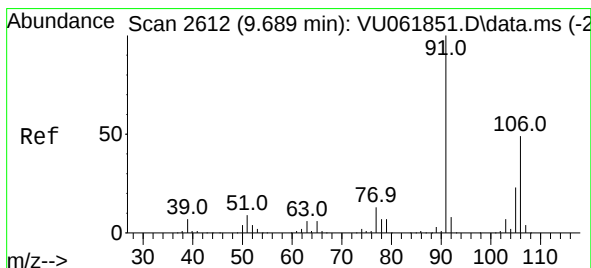
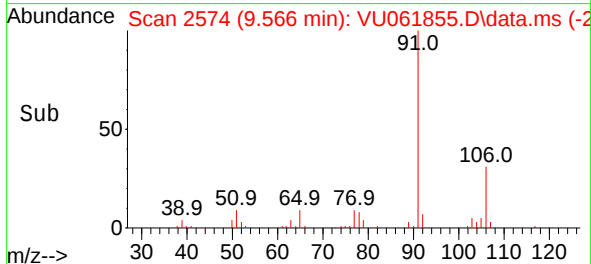
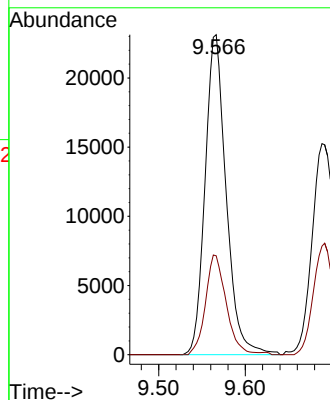
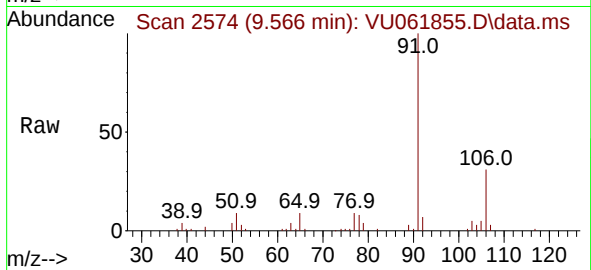
ClientSampleId :

Tgt Ion: 91 Resp: 39059

Ion Ratio Lower Upper

91 100

106 30.9 21.8 40.6



#53

m,p-Xylene

Concen: 0.440 ug/L

RT: 9.692 min Scan# 2613

Delta R.T. 0.003 min

Lab File: VU061855.D

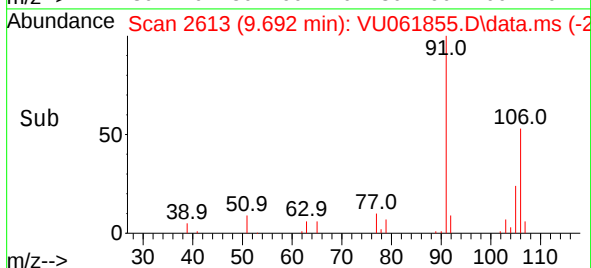
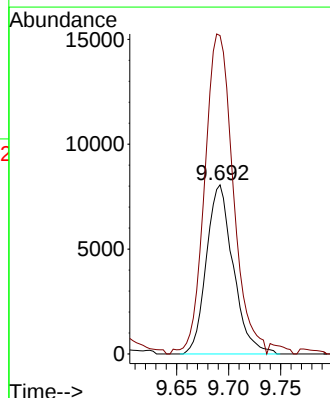
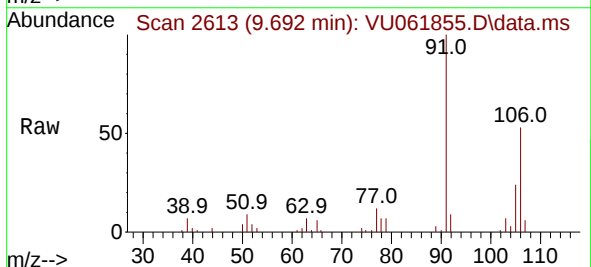
Acq: 19 Nov 2024 15:46

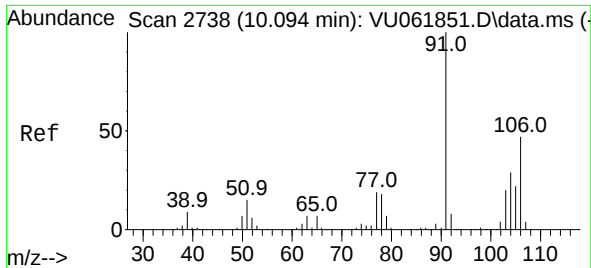
Tgt Ion:106 Resp: 14456

Ion Ratio Lower Upper

106 100

91 188.3 142.0 263.8

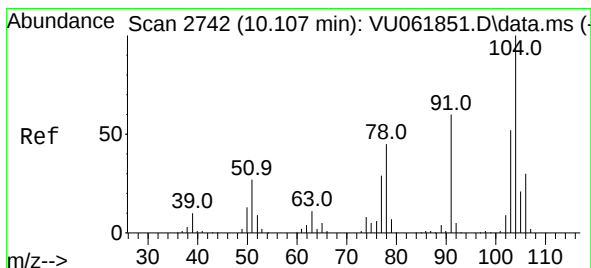
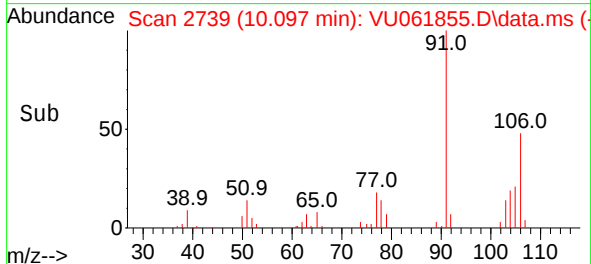
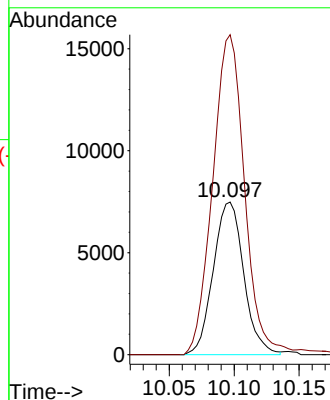
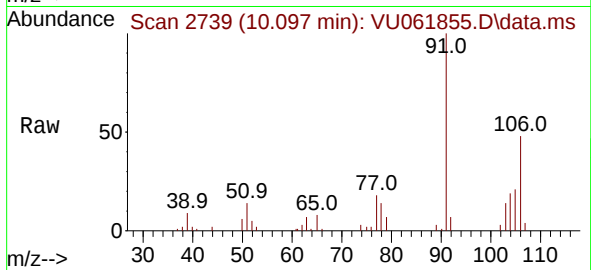




#54
o-Xylene
Concen: 0.397 ug/L
RT: 10.097 min Scan# 2738
Delta R.T. 0.003 min
Lab File: VU061855.D
Acq: 19 Nov 2024 15:46

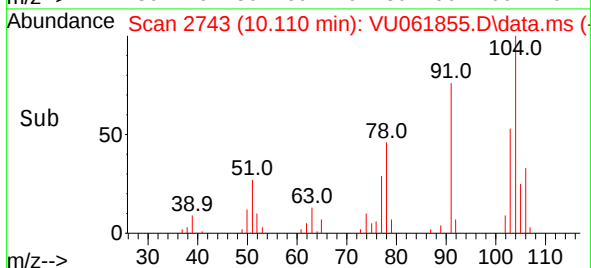
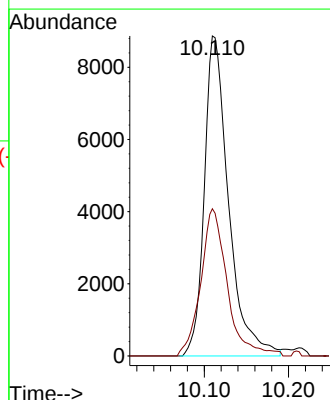
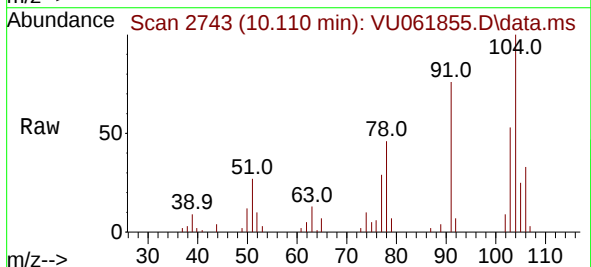
Instrument :
MSVOA_U
ClientSampleId :

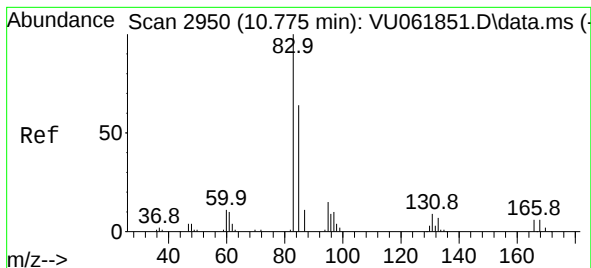
Tgt Ion:106 Resp: 12199
Ion Ratio Lower Upper
106 100
91 209.6 148.2 275.2



#55
Styrene
Concen: 0.365 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.003 min
Lab File: VU061855.D
Acq: 19 Nov 2024 15:46

Tgt Ion:104 Resp: 17768
Ion Ratio Lower Upper
104 100
78 46.0 31.6 58.8





#57

1,1,2,2-Tetrachloroethane

Concen: 0.346 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU061855.D

Acq: 19 Nov 2024 15:46

Instrument :

MSVOA_U

ClientSampleId :

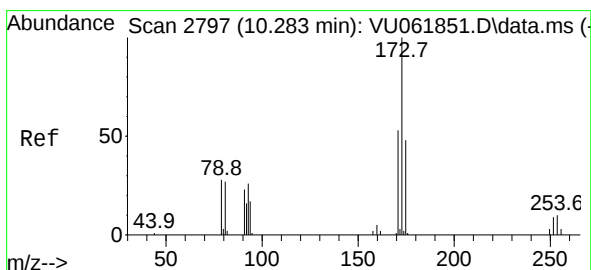
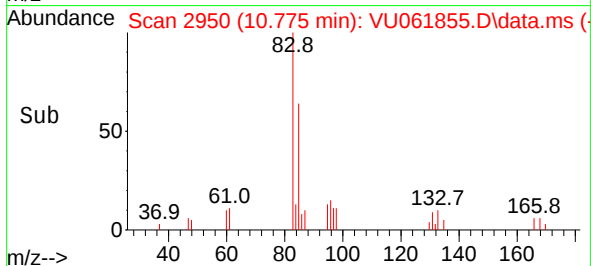
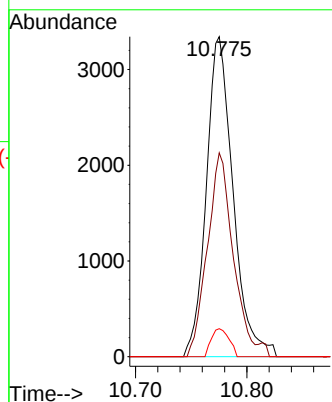
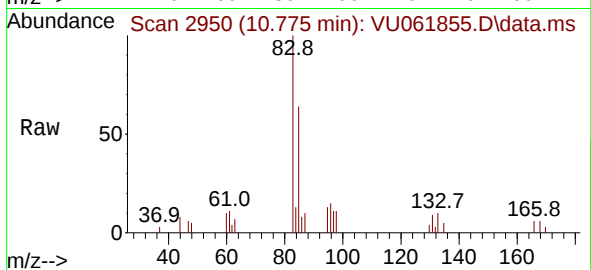
Tgt Ion: 83 Resp: 5570

Ion Ratio Lower Upper

83 100

85 63.7 45.1 83.7

131 8.8 7.7 11.5



#59

Bromoform

Concen: 0.530 ug/L

RT: 10.287 min Scan# 2798

Delta R.T. 0.003 min

Lab File: VU061855.D

Acq: 19 Nov 2024 15:46

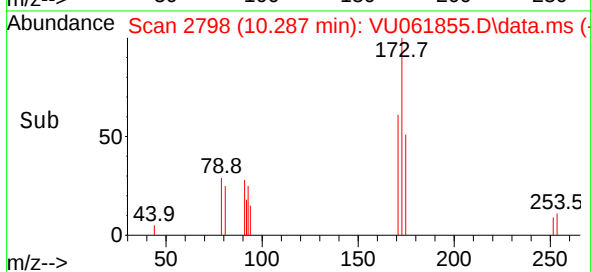
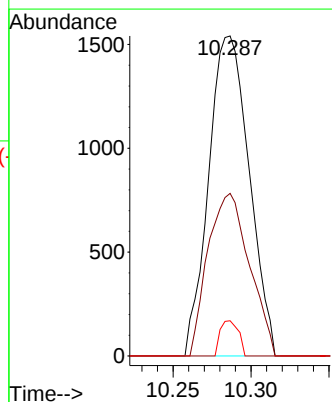
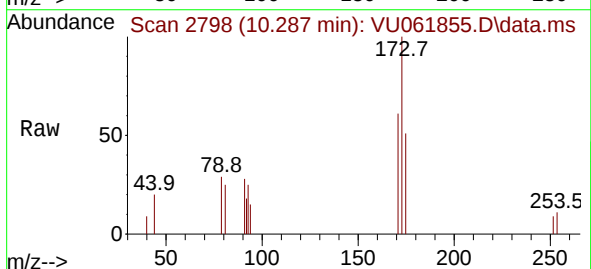
Tgt Ion:173 Resp: 2789

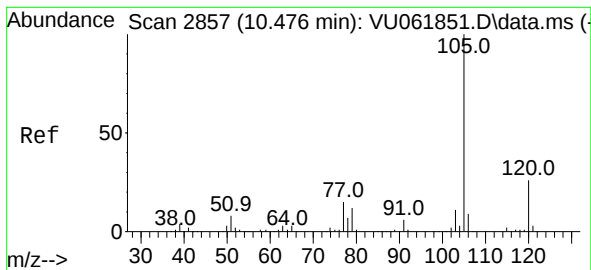
Ion Ratio Lower Upper

173 100

175 52.1 37.0 55.6

254 5.0 7.4 11.0#





#60

Isopropylbenzene

Concen: 0.547 ug/L

RT: 10.479 min Scan# 2857

Delta R.T. 0.003 min

Lab File: VU061855.D

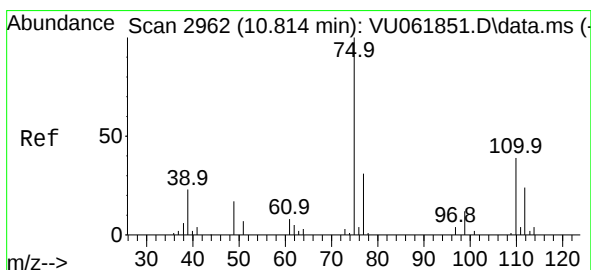
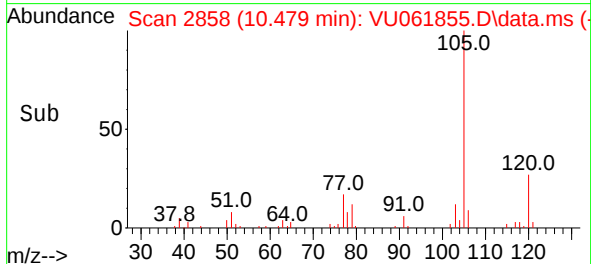
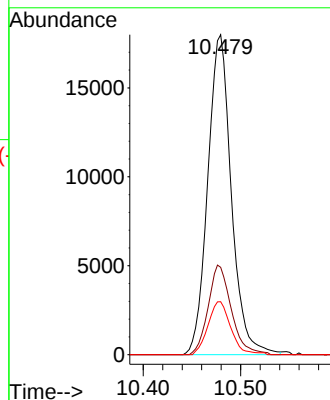
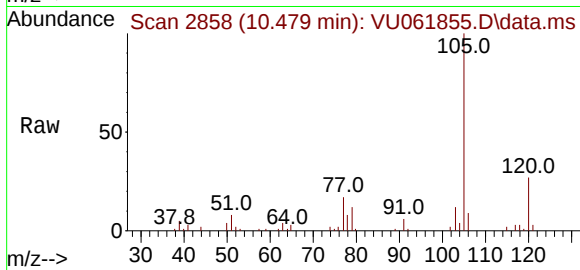
Acq: 19 Nov 2024 15:46

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	105	Resp:	30308
Ion Ratio	Lower	Upper	
105	100		
120	27.4	21.1	31.7
77	16.0	12.3	18.5



#61

1,2,3-Trichloropropane

Concen: 0.502 ug/L

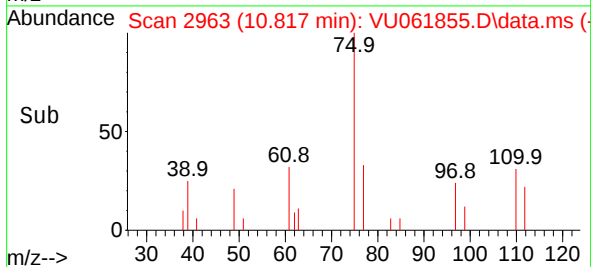
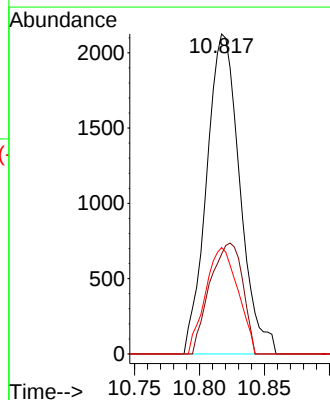
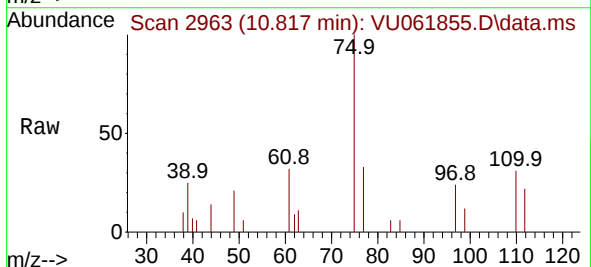
RT: 10.817 min Scan# 2963

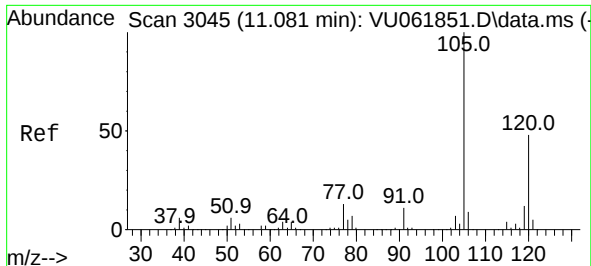
Delta R.T. 0.003 min

Lab File: VU061855.D

Acq: 19 Nov 2024 15:46

Tgt Ion:	75	Resp:	3773
Ion Ratio	Lower	Upper	
75	100		
110	34.3	30.6	46.0
77	32.4	25.3	37.9





#62

1,3,5-Trimethylbenzene

Concen: 0.432 ug/L

RT: 11.084 min Scan# 3045

Delta R.T. 0.003 min

Lab File: VU061855.D

Acq: 19 Nov 2024 15:46

Instrument :

MSVOA_U

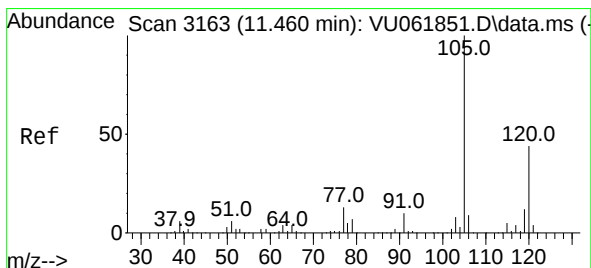
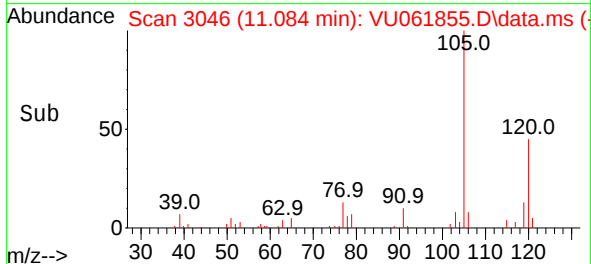
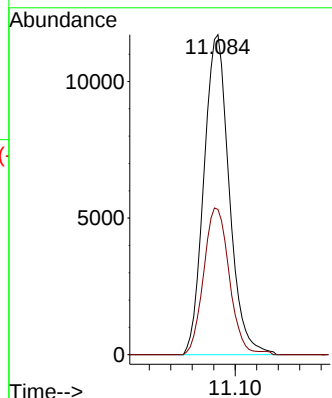
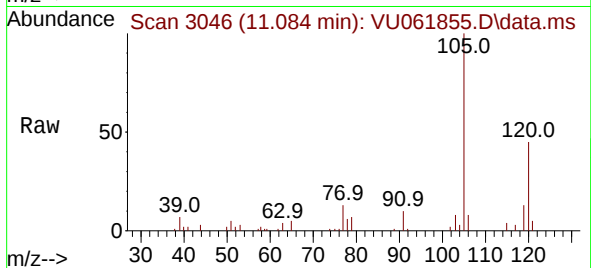
ClientSampleId :

Tgt Ion:105 Resp: 19135

Ion Ratio Lower Upper

105 100

120 46.6 38.6 58.0



#63

1,2,4-Trimethylbenzene

Concen: 0.428 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.003 min

Lab File: VU061855.D

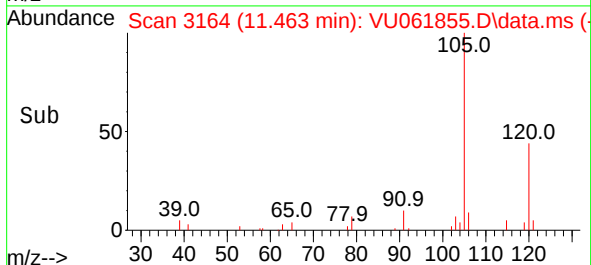
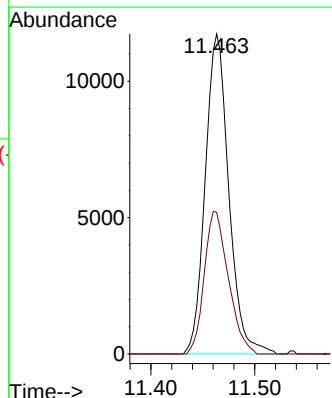
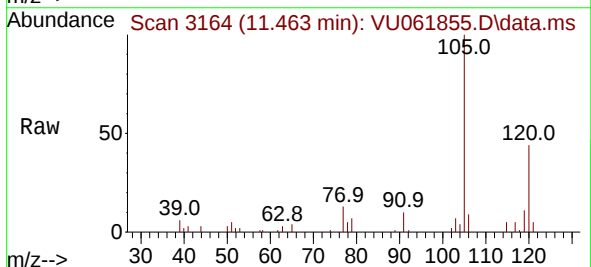
Acq: 19 Nov 2024 15:46

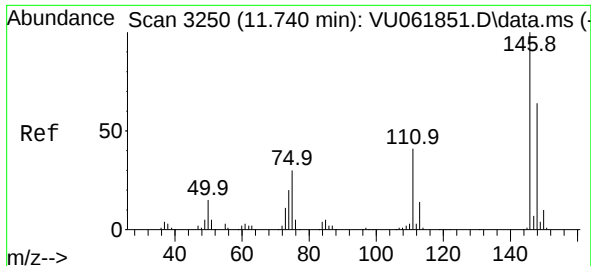
Tgt Ion:105 Resp: 18456

Ion Ratio Lower Upper

105 100

120 45.6 35.7 53.5





#64

1,3-Dichlorobenzene

Concen: 0.504 ug/L

RT: 11.743 min Scan# 3250

Delta R.T. 0.003 min

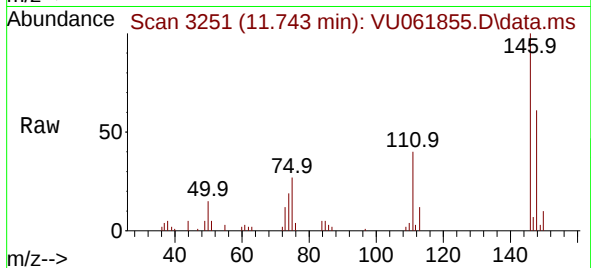
Lab File: VU061855.D

Acq: 19 Nov 2024 15:46

Instrument :

MSVOA_U

ClientSampleId :



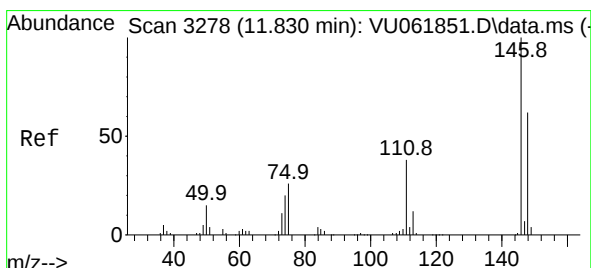
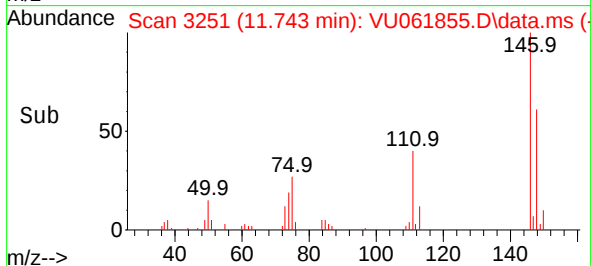
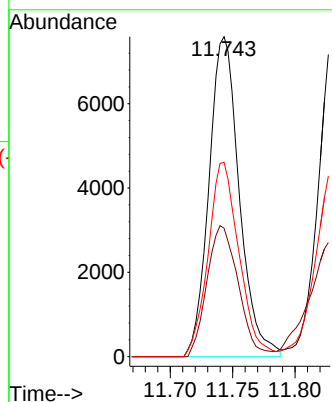
Tgt Ion:146 Resp: 12852

Ion Ratio Lower Upper

146 100

111 43.6 28.6 53.2

148 60.8 44.8 83.2



#65

1,4-Dichlorobenzene

Concen: 0.536 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. -0.000 min

Lab File: VU061855.D

Acq: 19 Nov 2024 15:46

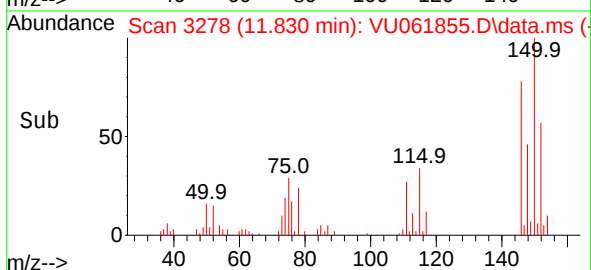
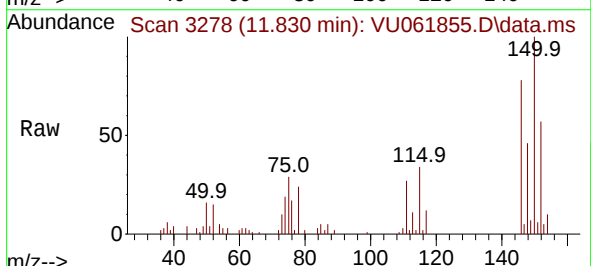
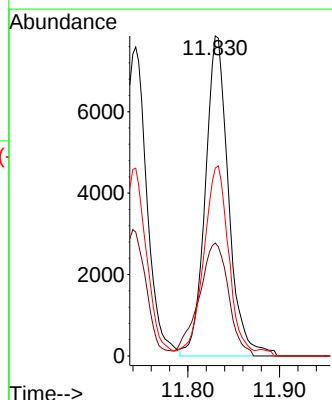
Tgt Ion:146 Resp: 13856

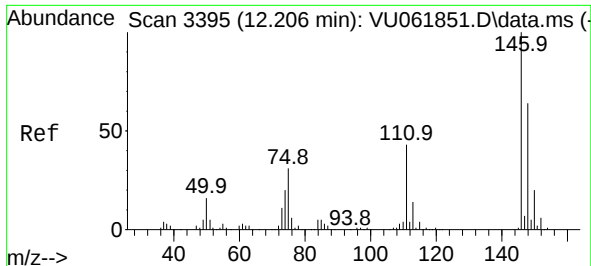
Ion Ratio Lower Upper

146 100

111 35.3 27.0 50.2

148 58.7 43.8 81.3





#67

1,2-Dichlorobenzene

Concen: 0.518 ug/L

RT: 12.209 min Scan# 3395

Delta R.T. 0.003 min

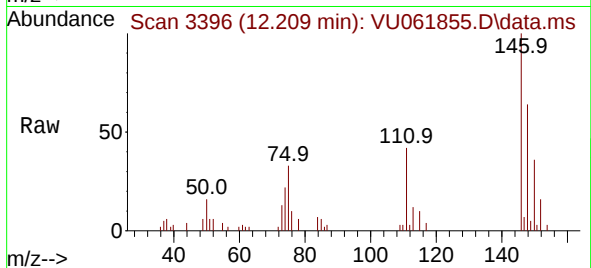
Lab File: VU061855.D

Acq: 19 Nov 2024 15:46

Instrument :

MSVOA_U

ClientSampleId :



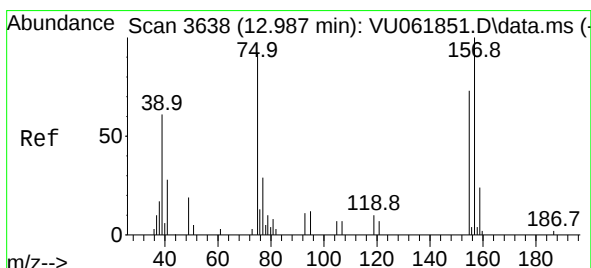
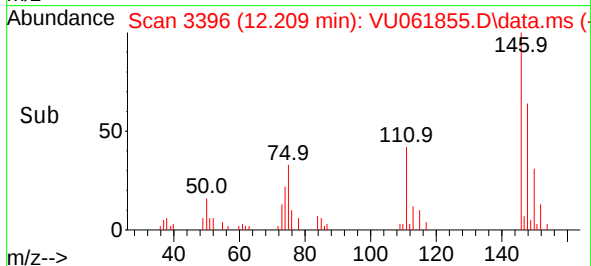
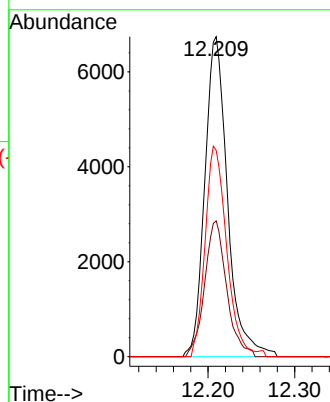
Tgt Ion:146 Resp: 12291

Ion Ratio Lower Upper

146 100

111 42.5 34.3 51.5

148 64.4 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 0.476 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.006 min

Lab File: VU061855.D

Acq: 19 Nov 2024 15:46

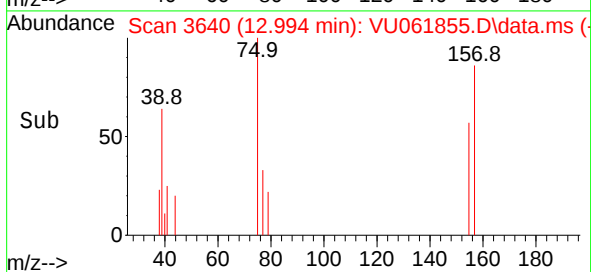
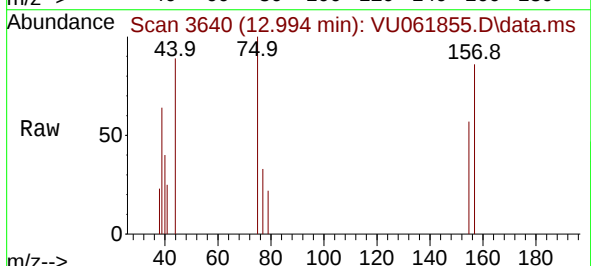
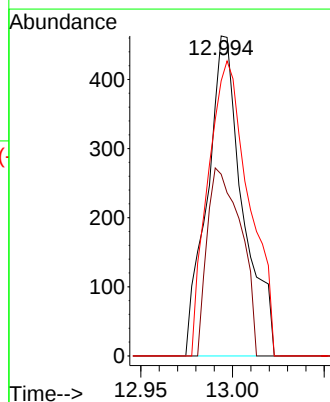
Tgt Ion: 75 Resp: 625

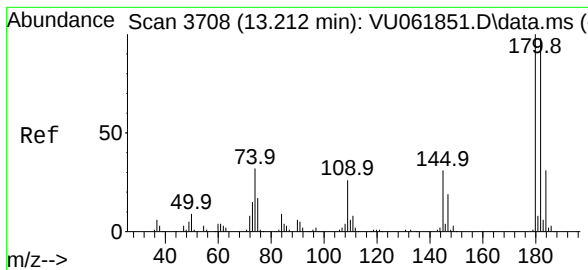
Ion Ratio Lower Upper

75 100

155 56.8 62.9 94.3#

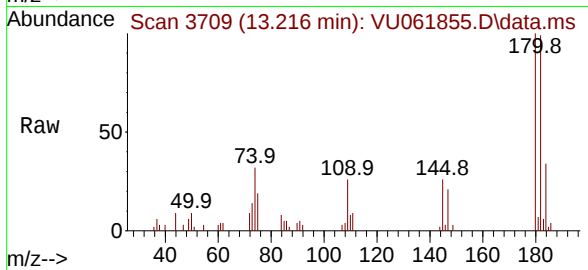
157 86.0 86.7 130.1#



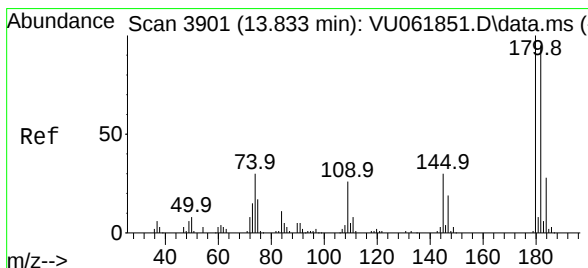
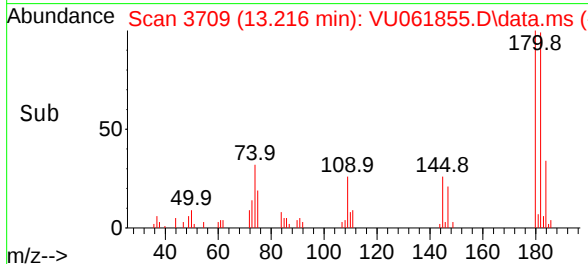
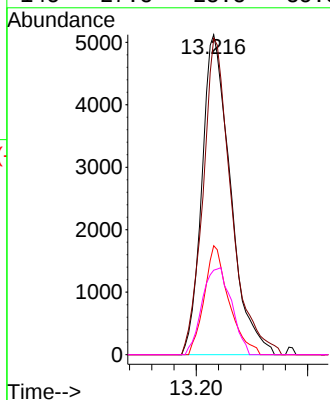


#69
 1,3,5-Trichlorobenzene
 Concen: 0.510 ug/L
 RT: 13.216 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU061855.D
 Acq: 19 Nov 2024 15:46

Instrument :
 MSVOA_U
 ClientSampleId :

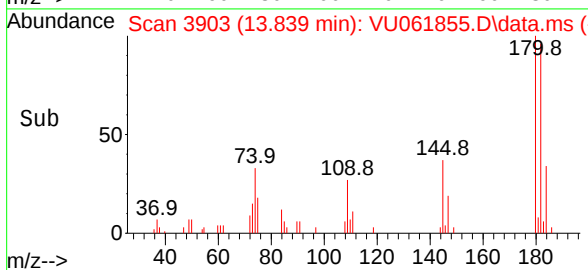
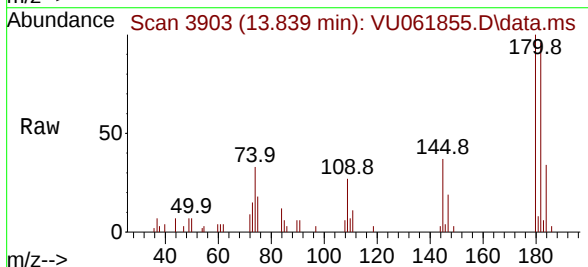
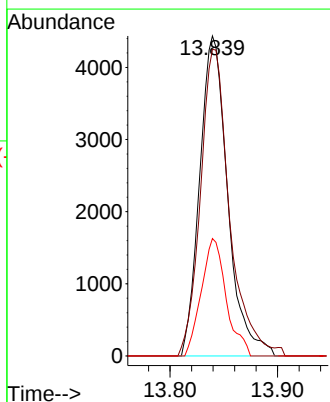


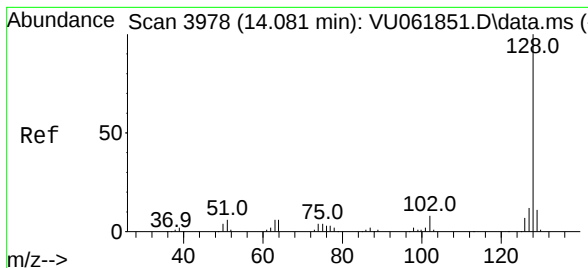
Tgt Ion:180 Resp: 9098
 Ion Ratio Lower Upper
 180 100
 182 97.8 77.0 115.6
 184 29.4 24.2 36.4
 145 27.8 23.8 35.8



#70
 1,2,4-trichlorobenzene
 Concen: 0.578 ug/L
 RT: 13.839 min Scan# 3903
 Delta R.T. 0.006 min
 Lab File: VU061855.D
 Acq: 19 Nov 2024 15:46

Tgt Ion:180 Resp: 8020
 Ion Ratio Lower Upper
 180 100
 182 100.0 76.2 114.2
 145 32.7 24.1 36.1





#71

Naphthalene

Concen: 0.815 ug/L

RT: 14.090 min Scan# 3981

Delta R.T. 0.010 min

Lab File: VU061855.D

Acq: 19 Nov 2024 15:46

Instrument :

MSVOA_U

ClientSampleId :

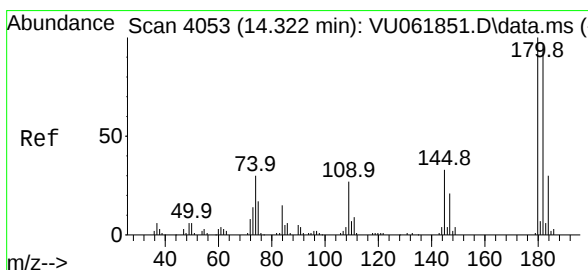
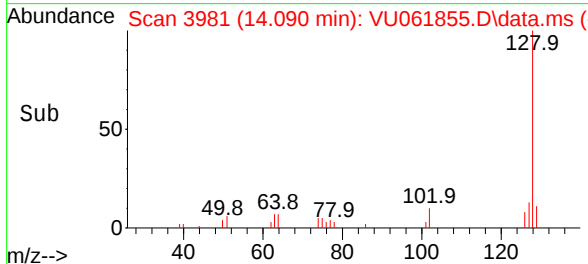
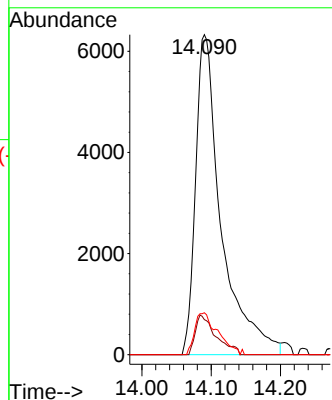
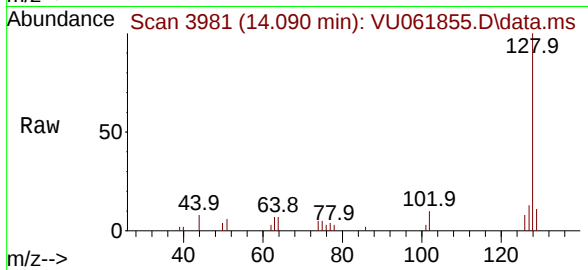
Tgt Ion:128 Resp: 16282

Ion Ratio Lower Upper

128 100

129 10.0 8.6 12.8

127 11.9 9.8 14.8



#72

1,2,3-Trichlorobenzene

Concen: 0.671 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. 0.003 min

Lab File: VU061855.D

Acq: 19 Nov 2024 15:46

Tgt Ion:180 Resp: 7801

Ion Ratio Lower Upper

180 100

182 93.4 76.6 115.0

145 28.3 26.0 39.0

