

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111924\
 Data File : VU061849.D
 Acq On : 19 Nov 2024 12:34
 Operator : MD/SY
 Sample : VSTD0.5
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 20 00:26:30 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	183719	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	174103	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	77592	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	3788	0.342	ug/L	0.00
7) Chloroethane-d5	1.907	69	3730	0.381	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	1470	0.297	ug/L	0.00
20) 2-Butanone-d5	4.653	46	8451	3.393	ug/L	0.03
24) Chloroform-d	5.058	84	8971	0.390	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.698	65	4487	0.409	ug/L	0.00
32) Benzene-d6	5.724	84	15783	0.356	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	6557	0.476	ug/L	0.00
41) Toluene-d8	7.894	98	19491	0.463	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.177	79	2317	0.456	ug/L	0.00
46) 2-Hexanone-d5	8.637	63	7959	4.030	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.750	84	4883	0.459	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	6961	0.515	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	6922	0.509	ug/L	97
3) Chloromethane	1.518	50	6475	0.527	ug/L	99
5) Vinyl chloride	1.602	62	7261	0.526	ug/L	96
6) Bromomethane	1.853	94	5544	0.664	ug/L	94
8) Chloroethane	1.927	64	4902	0.503	ug/L	90
9) Trichlorofluoromethane	2.133	101	9984	0.496	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	5992	0.503	ug/L	97
12) 1,1-Dichloroethene	2.573	96	5371	0.483	ug/L	99
13) Acetone	2.634	43	7793	4.956	ug/L	91
14) Carbon disulfide	2.788	76	16920	0.477	ug/L	99
15) Methyl Acetate	2.959	43	1871	0.466	ug/L #	62
16) Methylene chloride	3.039	84	6297	0.491	ug/L	90
17) Methyl tert-butyl Ether	3.354	73	12954	0.480	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	6111	0.504	ug/L	92
19) 1,1-Dichloroethane	3.859	63	11046	0.498	ug/L	99
21) 2-Butanone	4.721	43	10656	4.101	ug/L	90
22) cis-1,2-Dichloroethene	4.660	96	7070	0.513	ug/L	85
23) Bromochloromethane	4.972	128	3164	0.514	ug/L	94
25) Chloroform	5.084	83	12315	0.525	ug/L	99
27) 1,2-Dichloroethane	5.792	62	7485	0.510	ug/L #	73
29) 1,1,1-Trichloroethane	5.303	97	9510	0.500	ug/L	98
30) Cyclohexane	5.380	56	9640	0.510	ug/L	99
31) Carbon tetrachloride	5.515	117	8087	0.499	ug/L	100
33) Benzene	5.769	78	26144	0.518	ug/L	100
34) Trichloroethene	6.537	95	9234	0.646	ug/L	92
35) Methylcyclohexane	6.753	83	13159	0.609	ug/L	98
37) 1,2-Dichloropropane	6.785	63	8011	0.595	ug/L #	92
38) Bromodichloromethane	7.100	83	10126	0.635	ug/L	99
39) cis-1,3-Dichloropropene	7.605	75	11926	0.631	ug/L	97
40) 4-Methyl-2-pentanone	7.788	43	42848	6.726	ug/L	98
42) Toluene	7.965	91	38291	0.661	ug/L	99
44) trans-1,3-Dichloropropene	8.209	75	8007	0.534	ug/L	100

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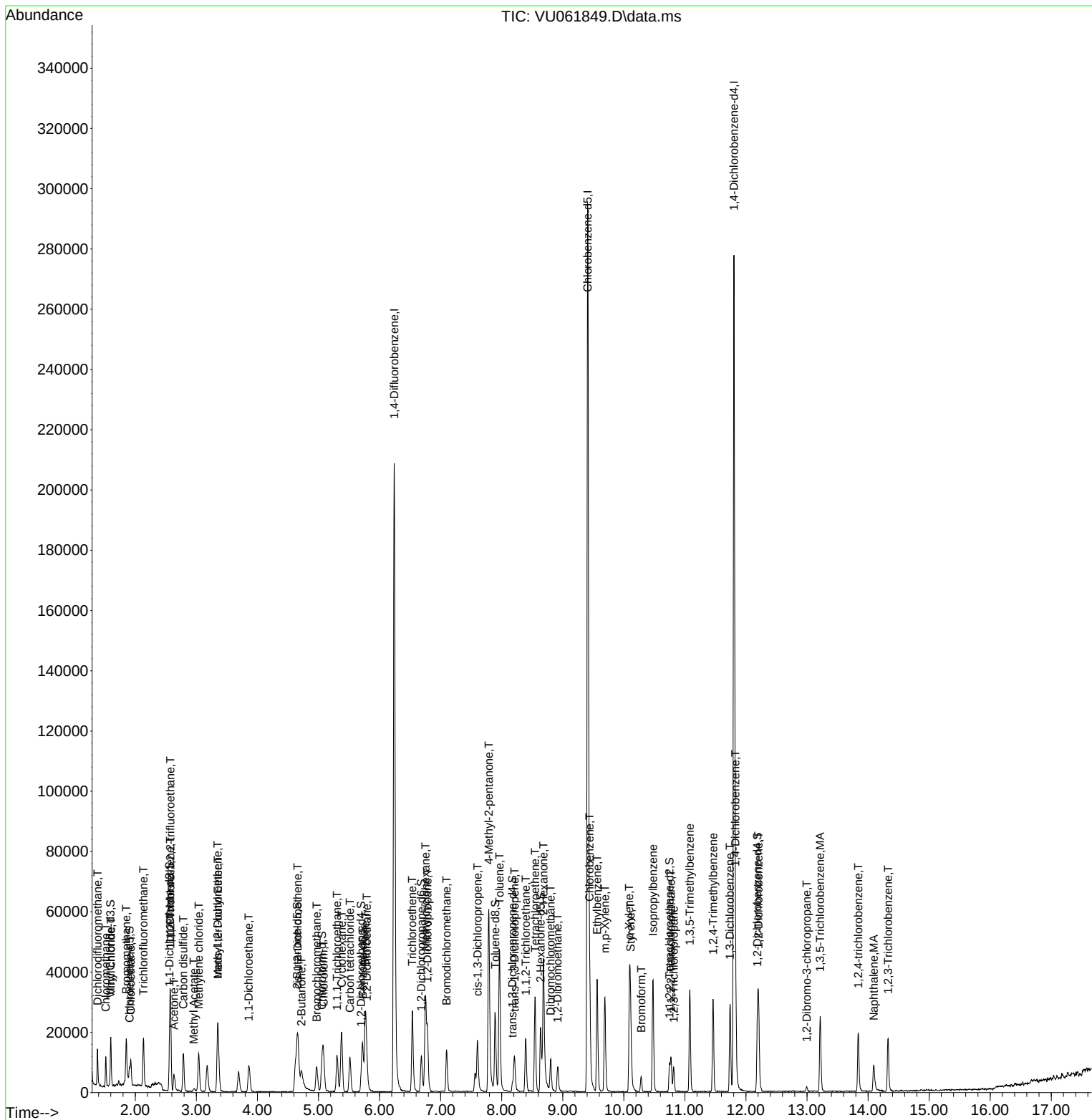
Quant Time: Nov 20 00:26:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 20 00:25:49 2024
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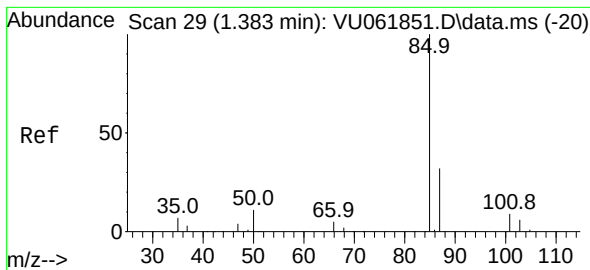
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.396	97	5904	0.590	ug/L	96
47) Tetrachloroethene	8.547	164	7327	0.678	ug/L	97
48) 2-Hexanone	8.685	43	29642	6.511	ug/L	95
49) Dibromochloromethane	8.801	129	6038	0.592	ug/L	94
50) 1,2-Dibromoethane	8.917	107	5849	0.628	ug/L	93
51) Chlorobenzene	9.441	112	18308	0.500	ug/L	99
52) Ethylbenzene	9.563	91	27471	0.454	ug/L	96
53) m,p-Xylene	9.692	106	10163	0.440	ug/L	98
54) o-Xylene	10.090	106	10193	0.472	ug/L	84
55) Styrene	10.113	104	14382	0.420	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	5747	0.508	ug/L	98
59) Bromoform	10.287	173	2357	0.460	ug/L #	96
60) Isopropylbenzene	10.479	105	25992	0.481	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	3837	0.524	ug/L	95
62) 1,3,5-Trimethylbenzene	11.081	105	19447	0.451	ug/L	96
63) 1,2,4-Trimethylbenzene	11.463	105	18893	0.450	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	13046	0.525	ug/L	96
65) 1,4-Dichlorobenzene	11.830	146	13381	0.531	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	11982	0.518	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.994	75	536	0.419	ug/L	89
69) 1,3,5-Trichlorobenzene	13.216	180	8959	0.515	ug/L	98
70) 1,2,4-trichlorobenzene	13.839	180	6935	0.513	ug/L	99
71) Naphthalene	14.093	128	11599	0.596	ug/L	98
72) 1,2,3-Trichlorobenzene	14.328	180	6517	0.575	ug/L	98

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

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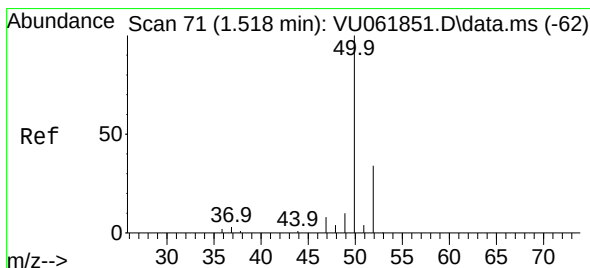
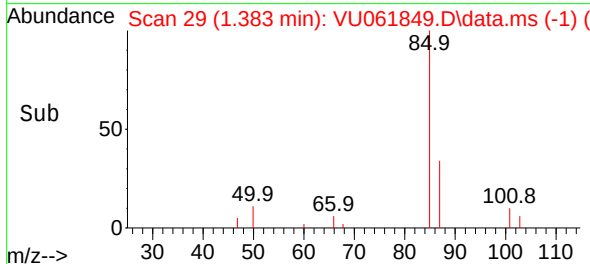
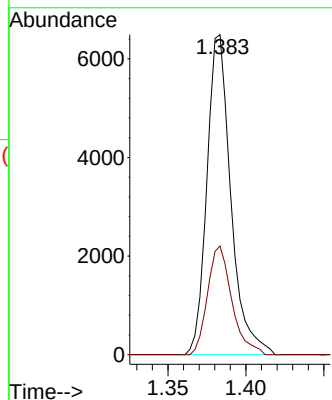
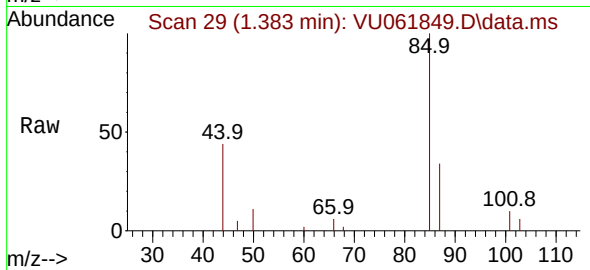




#2
 Dichlorodifluoromethane
 Concen: 0.509 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU061849.D
 Acq: 19 Nov 2024 12:34

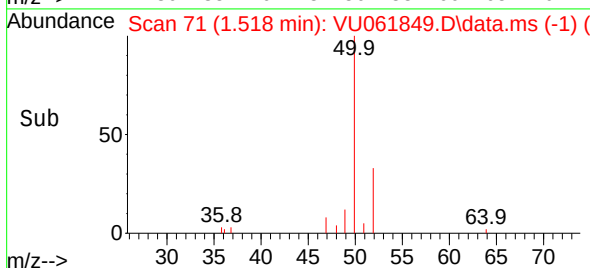
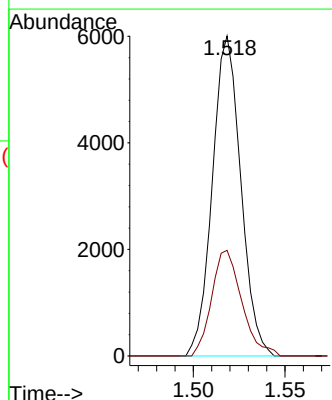
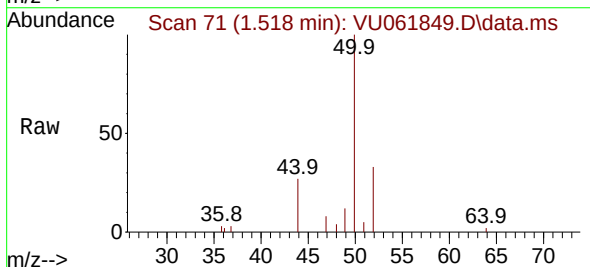
Instrument :
 MSVOA_U
 ClientSampleId :

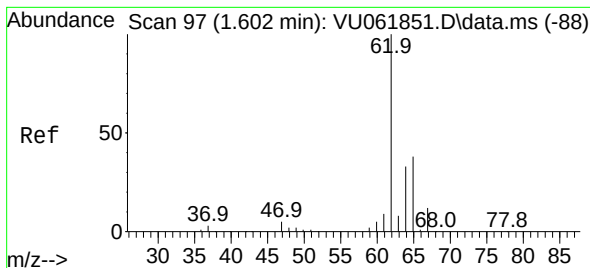
Tgt Ion: 85 Resp: 6922
 Ion Ratio Lower Upper
 85 100
 87 34.4 26.0 39.0



#3
 Chloromethane
 Concen: 0.527 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU061849.D
 Acq: 19 Nov 2024 12:34

Tgt Ion: 50 Resp: 6475
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.7 43.9





#5

Vinyl chloride

Concen: 0.526 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU061849.D

Acq: 19 Nov 2024 12:34

Instrument :

MSVOA_U

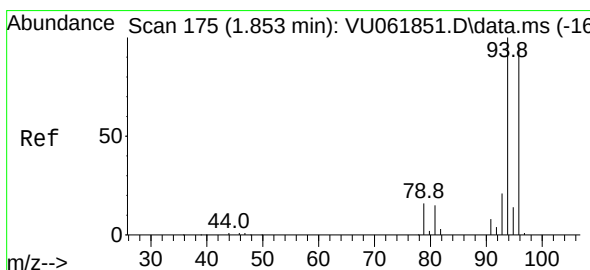
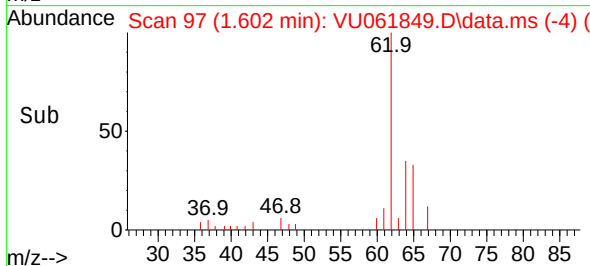
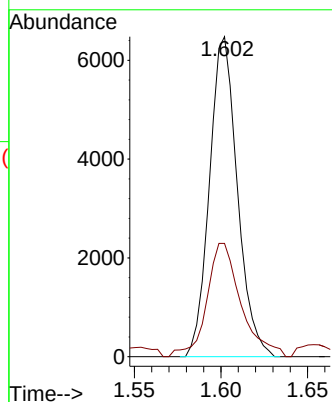
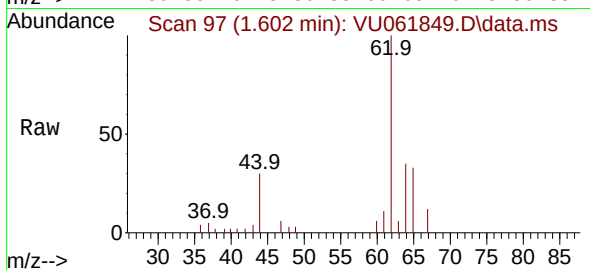
ClientSampleId :

Tgt Ion: 62 Resp: 7261

Ion Ratio Lower Upper

62 100

64 35.4 23.2 43.0



#6

Bromomethane

Concen: 0.664 ug/L

RT: 1.853 min Scan# 175

Delta R.T. -0.000 min

Lab File: VU061849.D

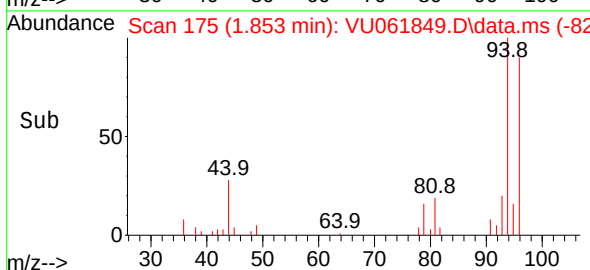
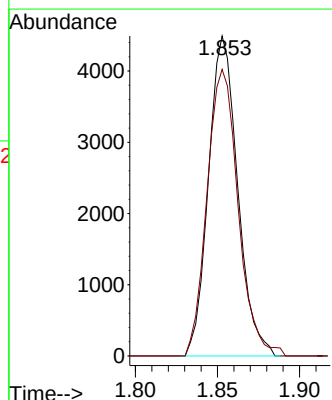
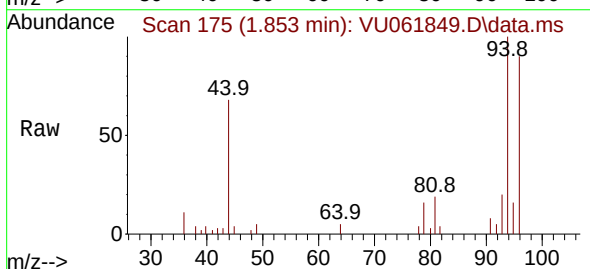
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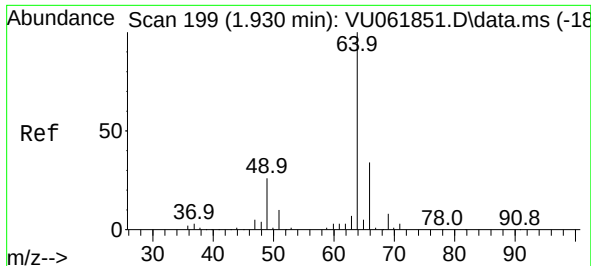
Tgt Ion: 94 Resp: 5544

Ion Ratio Lower Upper

94 100

96 89.6 66.5 123.5

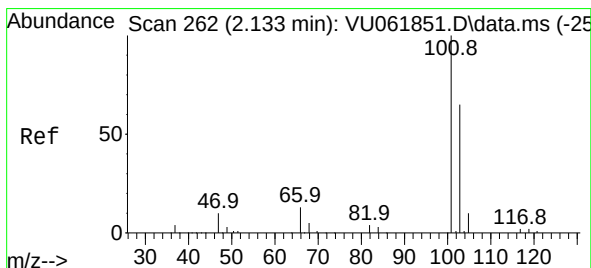
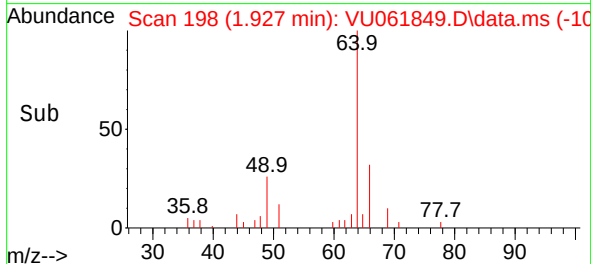
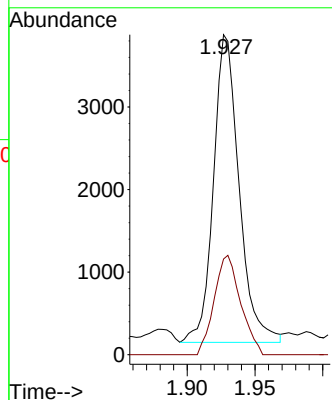
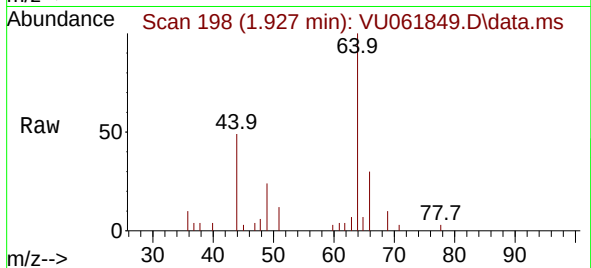




#8
Chloroethane
Concen: 0.503 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.003 min
Lab File: VU061849.D
Acq: 19 Nov 2024 12:34

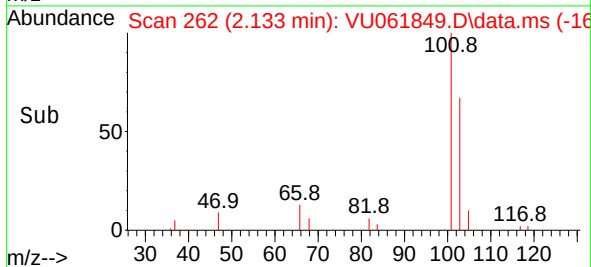
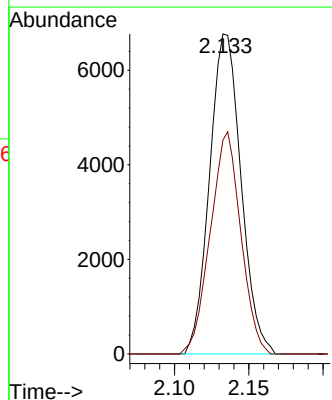
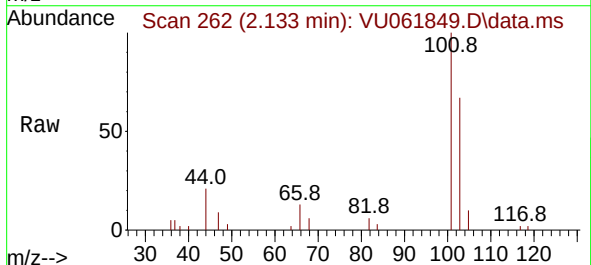
Instrument :
MSVOA_U
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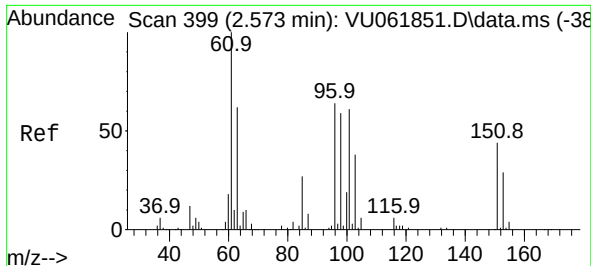
Tgt Ion: 64 Resp: 4902
Ion Ratio Lower Upper
64 100
66 28.0 23.4 43.6



#9
Trichlorofluoromethane
Concen: 0.496 ug/L
RT: 2.133 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU061849.D
Acq: 19 Nov 2024 12:34

Tgt Ion:101 Resp: 9984
Ion Ratio Lower Upper
101 100
103 67.2 52.5 78.7

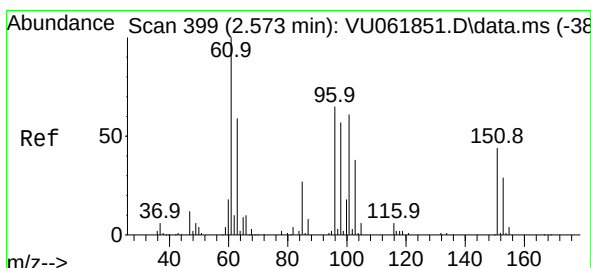
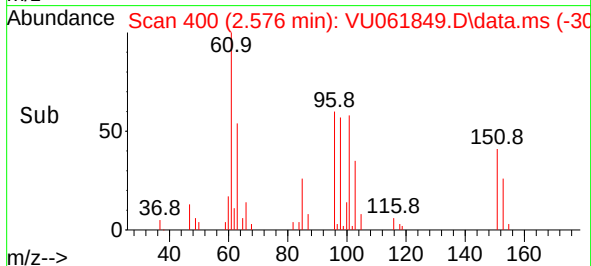
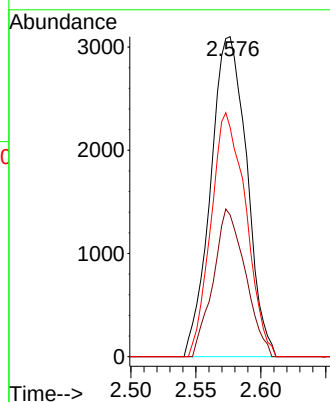
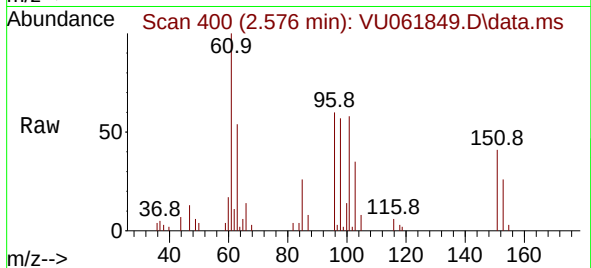




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.503 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU061849.D
Acq: 19 Nov 2024 12:34

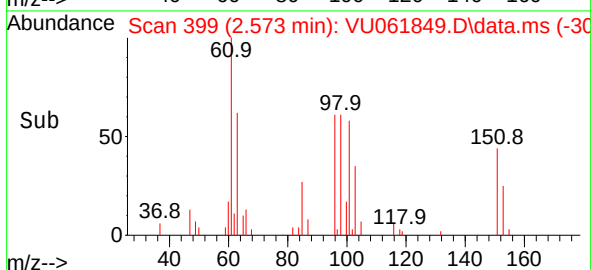
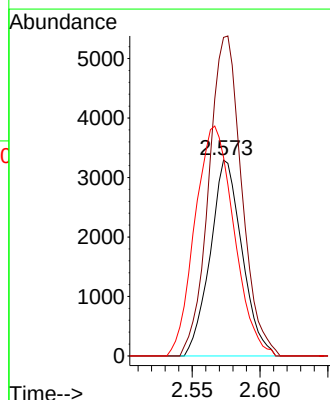
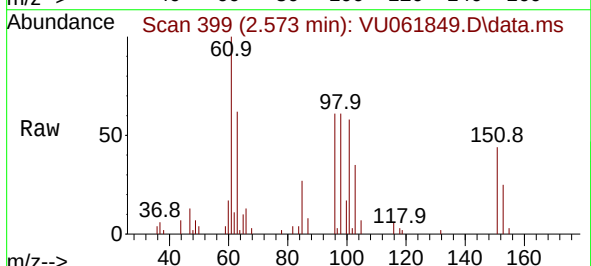
Instrument :
MSVOA_U
ClientSampleId :

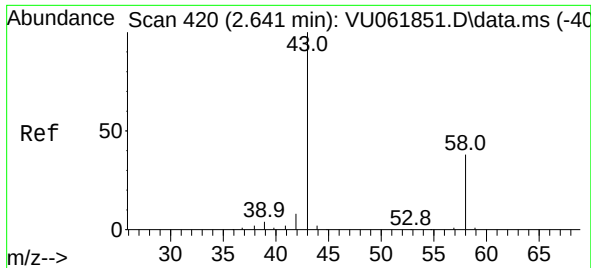
Tgt Ion:101 Resp: 5992
Ion Ratio Lower Upper
101 100
85 41.0 35.8 53.8
151 73.6 57.9 86.9



#12
1,1-Dichloroethene
Concen: 0.483 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU061849.D
Acq: 19 Nov 2024 12:34

Tgt Ion: 96 Resp: 5371
Ion Ratio Lower Upper
96 100
61 156.1 108.8 202.0
63 97.3 67.2 124.8





#13

Acetone

Concen: 4.956 ug/L

RT: 2.634 min Scan# 418

Delta R.T. -0.006 min

Lab File: VU061849.D

Acq: 19 Nov 2024 12:34

Instrument :

MSVOA_U

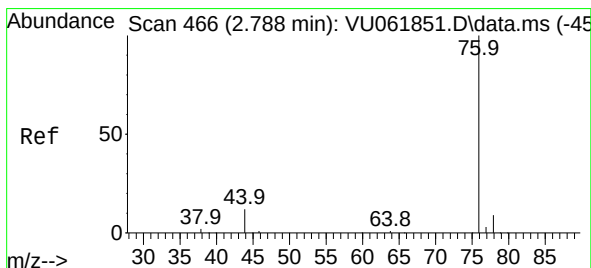
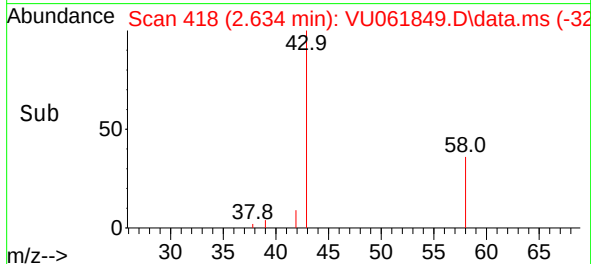
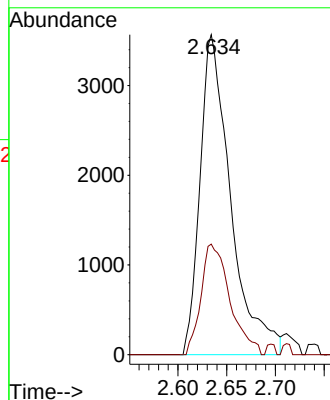
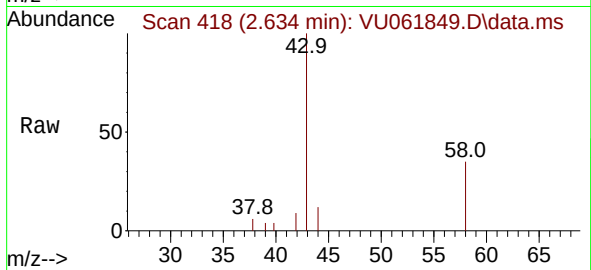
ClientSampleId :

Tgt Ion: 43 Resp: 7793

Ion Ratio Lower Upper

43 100

58 32.7 0.0 75.8



#14

Carbon disulfide

Concen: 0.477 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU061849.D

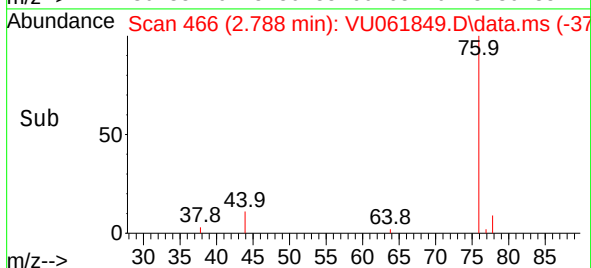
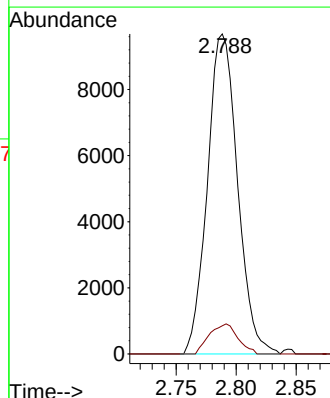
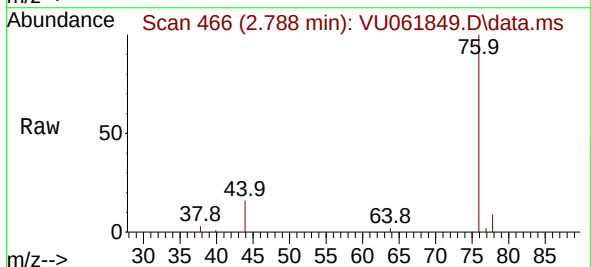
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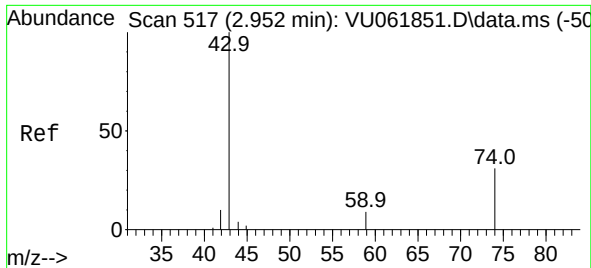
Tgt Ion: 76 Resp: 16920

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.0

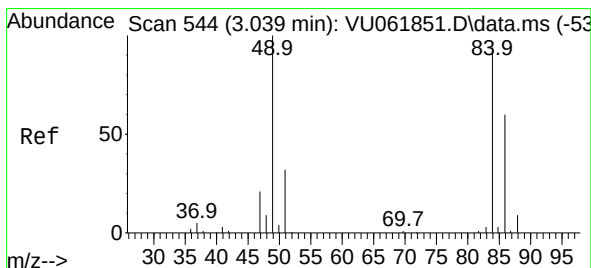
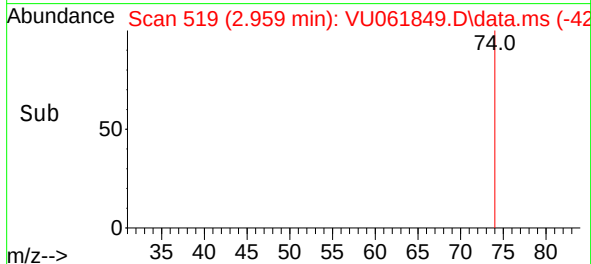
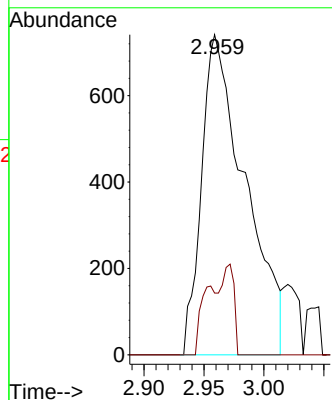
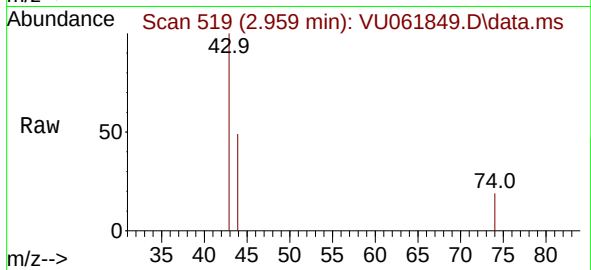




#15
Methyl Acetate
Concen: 0.466 ug/L
RT: 2.959 min Scan# 517
Delta R.T. 0.006 min
Lab File: VU061849.D
Acq: 19 Nov 2024 12:34

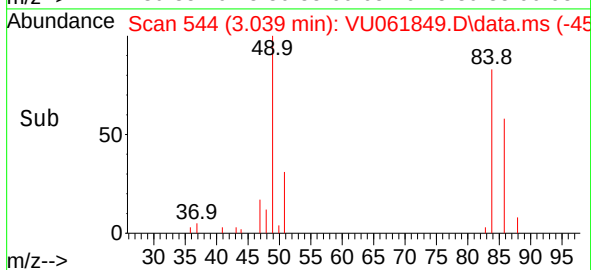
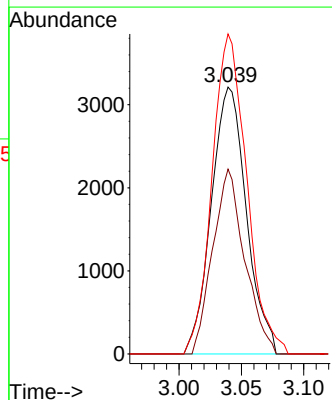
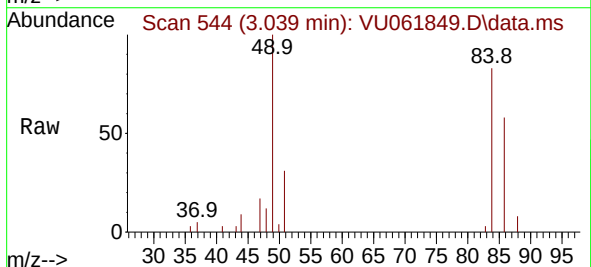
Instrument :
MSVOA_U
ClientSampleId :

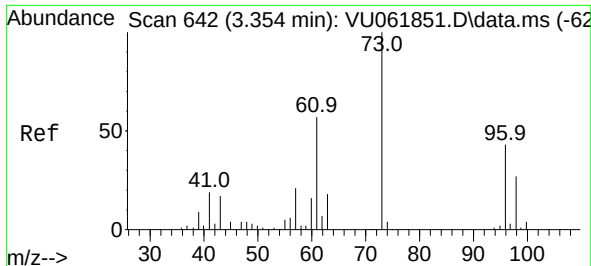
Tgt Ion: 43 Resp: 1871
Ion Ratio Lower Upper
43 100
74 7.2 21.5 32.3#



#16
Methylene chloride
Concen: 0.491 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU061849.D
Acq: 19 Nov 2024 12:34

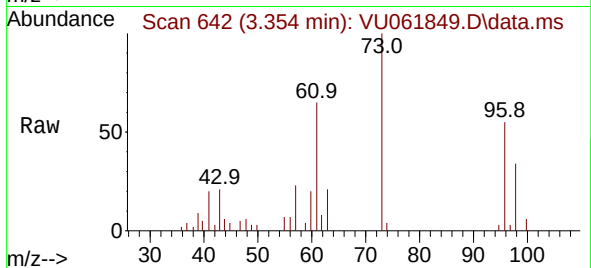
Tgt Ion: 84 Resp: 6297
Ion Ratio Lower Upper
84 100
86 69.2 45.0 83.6
49 119.9 74.5 138.5





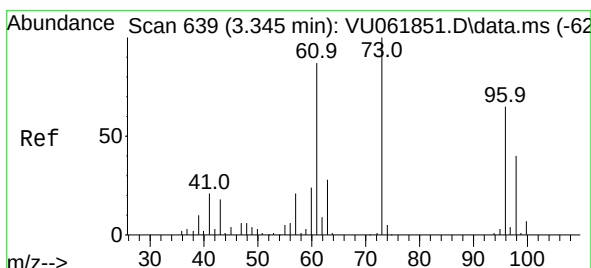
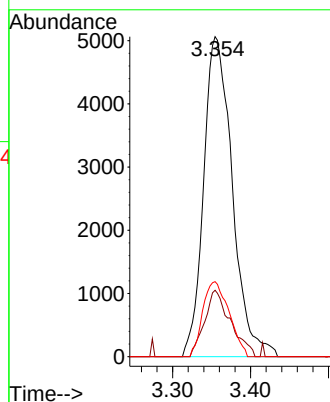
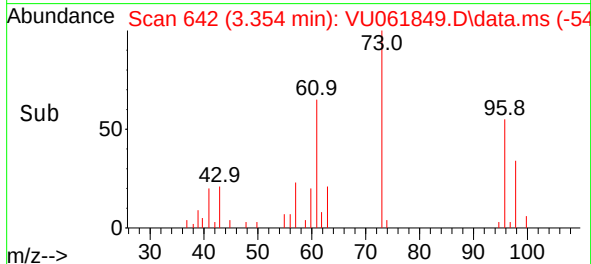
#17
Methyl tert-butyl Ether
Concen: 0.480 ug/L
RT: 3.354 min Scan# 641
Delta R.T. -0.000 min
Lab File: VU061849.D
Acq: 19 Nov 2024 12:34

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 73 Resp: 12954

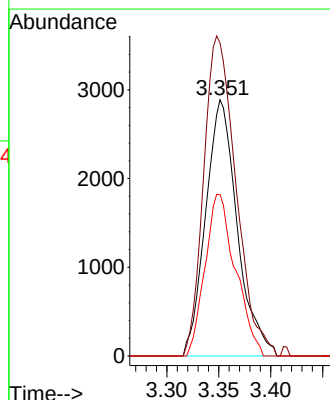
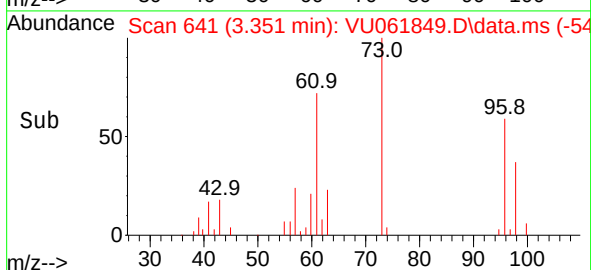
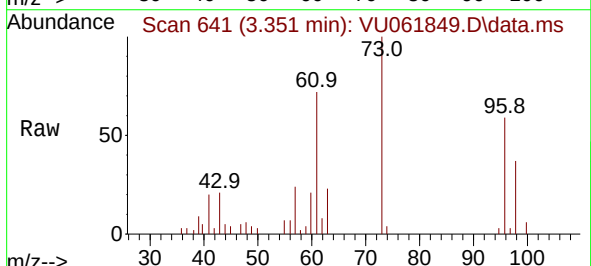
Ion	Ratio	Lower	Upper
73	100		
43	18.8	14.2	21.4
57	21.5	17.4	26.2

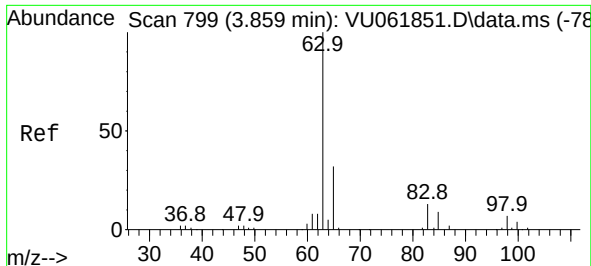


#18
trans-1,2-Dichloroethene
Concen: 0.504 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.006 min
Lab File: VU061849.D
Acq: 19 Nov 2024 12:34

Tgt Ion: 96 Resp: 6111

Ion	Ratio	Lower	Upper
96	100		
61	122.2	94.1	174.8
98	63.1	42.8	79.4

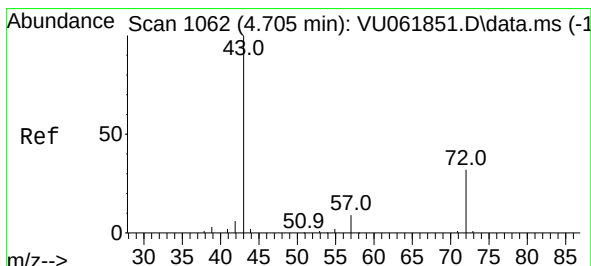
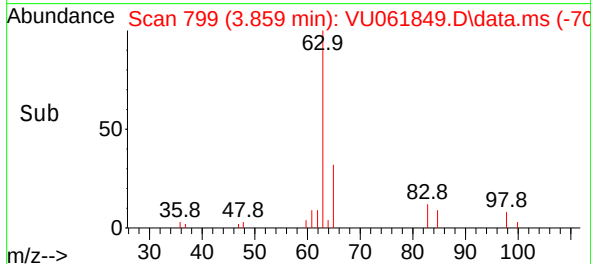
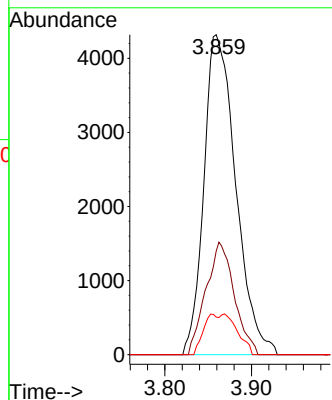
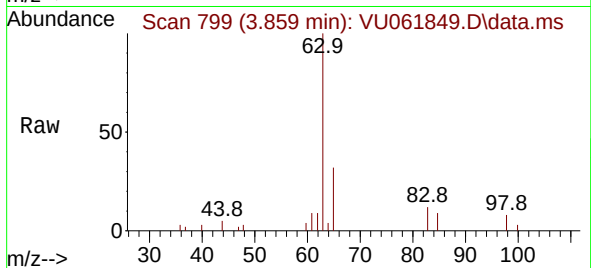




#19
1,1-Dichloroethane
Concen: 0.498 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU061849.D
Acq: 19 Nov 2024 12:34

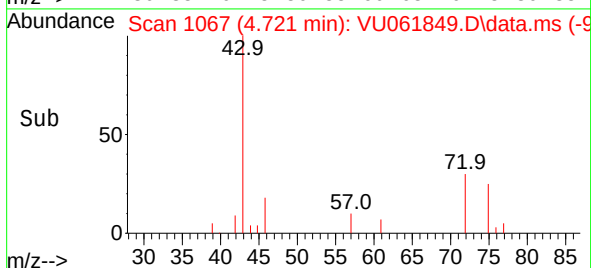
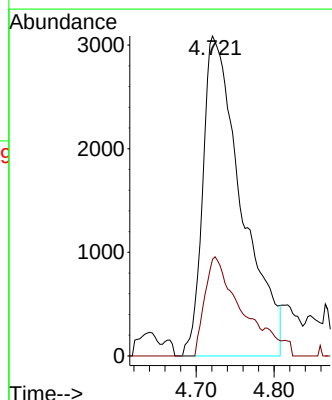
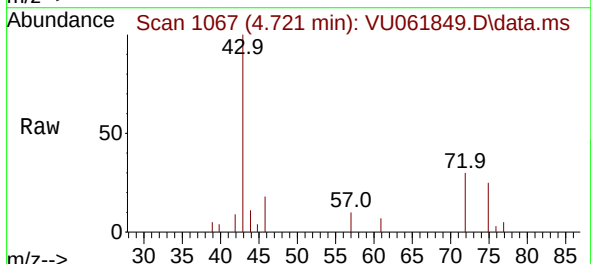
Instrument :
MSVOA_U
ClientSampleId :

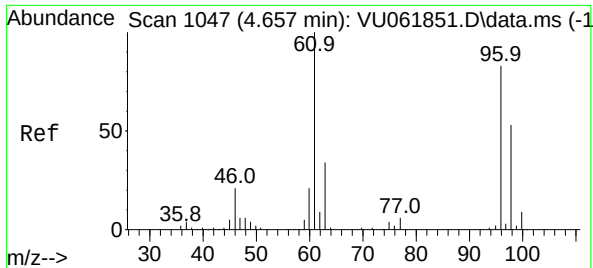
Tgt Ion:	63	Resp:	11046
Ion Ratio	Lower	Upper	
63	100		
65	32.3	22.6	42.0
83	11.8	9.4	17.4



#21
2-Butanone
Concen: 4.101 ug/L
RT: 4.721 min Scan# 1067
Delta R.T. 0.016 min
Lab File: VU061849.D
Acq: 19 Nov 2024 12:34

Tgt Ion:	43	Resp:	10656
Ion Ratio	Lower	Upper	
43	100		
72	26.5	16.1	48.3



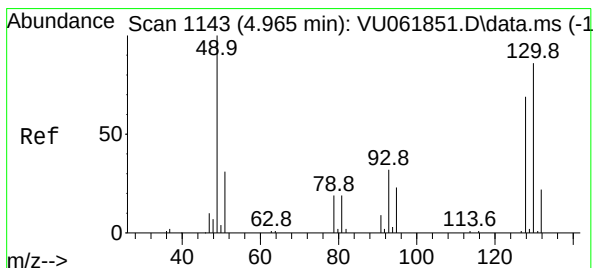
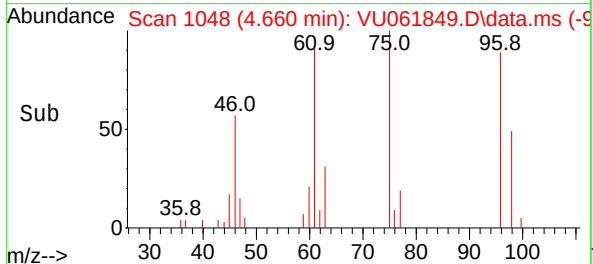
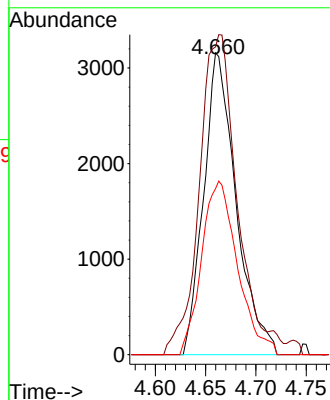
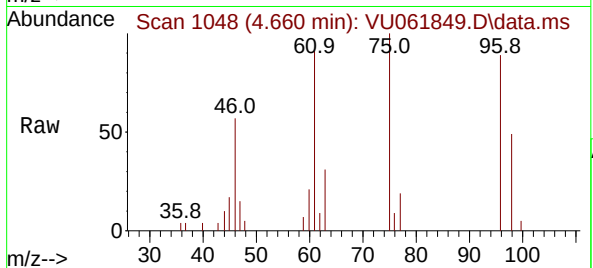


#22
cis-1,2-Dichloroethene
Concen: 0.513 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU061849.D
Acq: 19 Nov 2024 12:34

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 7070

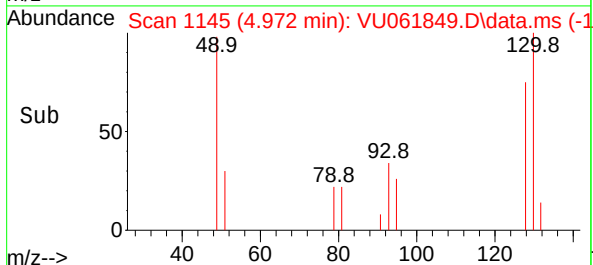
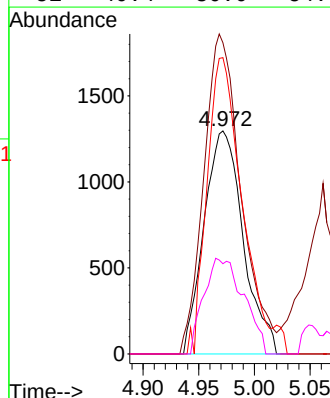
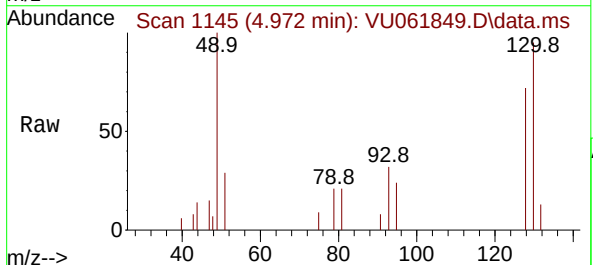
Ion	Ratio	Lower	Upper
96	100		
61	102.0	84.5	156.9
98	55.0	44.6	82.8

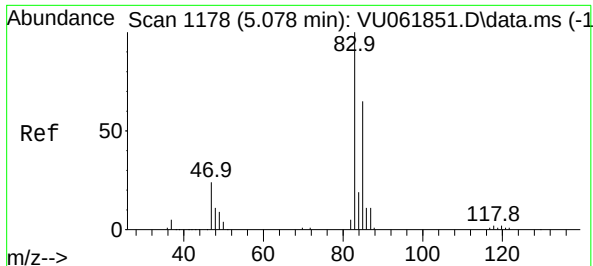


#23
Bromochloromethane
Concen: 0.514 ug/L
RT: 4.972 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VU061849.D
Acq: 19 Nov 2024 12:34

Tgt Ion: 128 Resp: 3164

Ion	Ratio	Lower	Upper
128	100		
49	139.6	100.9	187.5
130	132.9	87.0	161.6
51	40.4	36.0	54.0

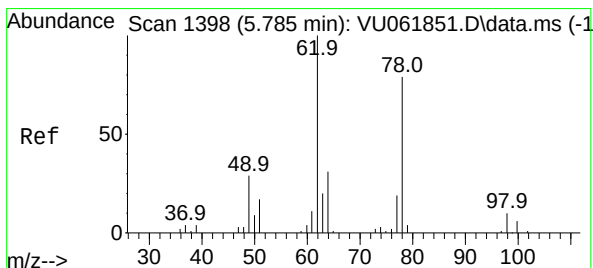
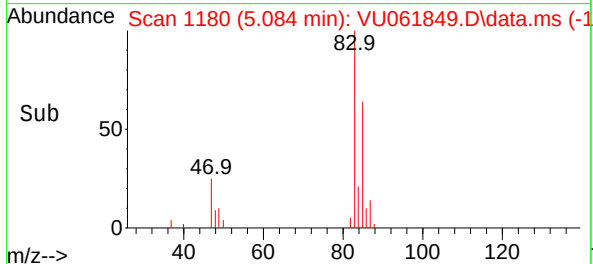
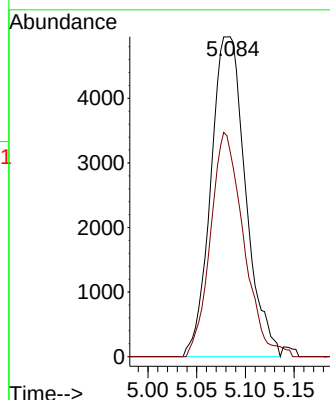
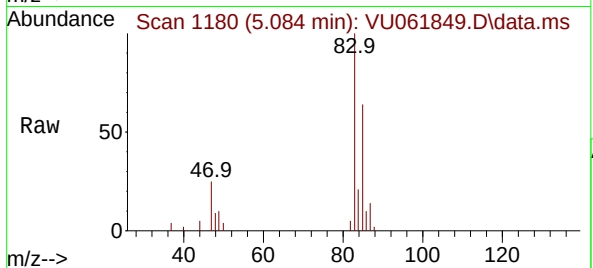




#25
Chloroform
Concen: 0.525 ug/L
RT: 5.084 min Scan# 1178
Delta R.T. 0.006 min
Lab File: VU061849.D
Acq: 19 Nov 2024 12:34

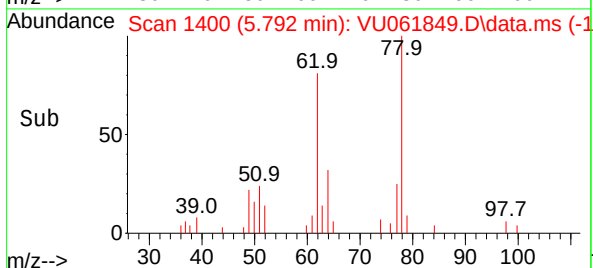
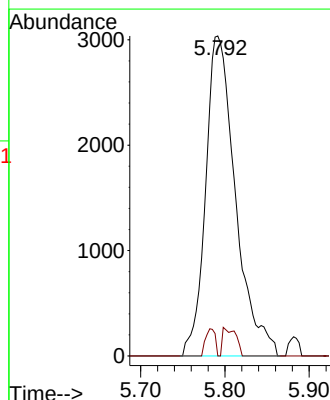
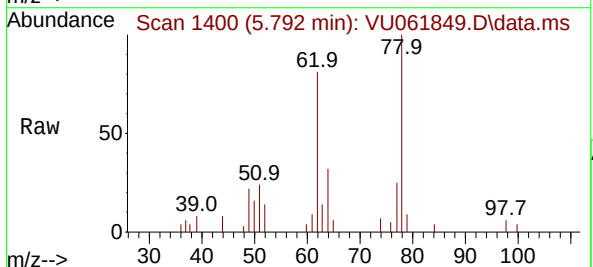
Instrument :
MSVOA_U
ClientSampleId :

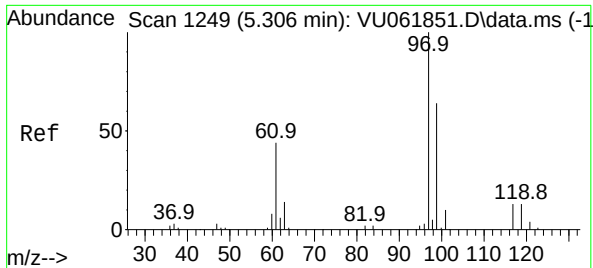
Tgt Ion: 83 Resp: 12315
Ion Ratio Lower Upper
83 100
85 64.1 45.5 84.5



#27
1,2-Dichloroethane
Concen: 0.510 ug/L
RT: 5.792 min Scan# 1400
Delta R.T. 0.006 min
Lab File: VU061849.D
Acq: 19 Nov 2024 12:34

Tgt Ion: 62 Resp: 7485
Ion Ratio Lower Upper
62 100
98 0.0 8.1 12.1#

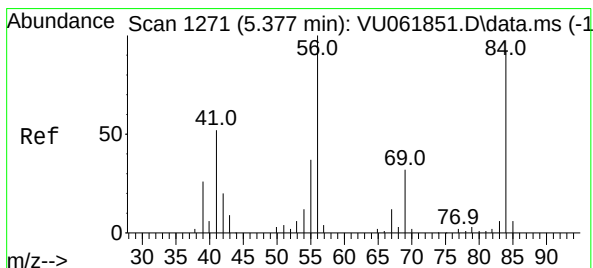
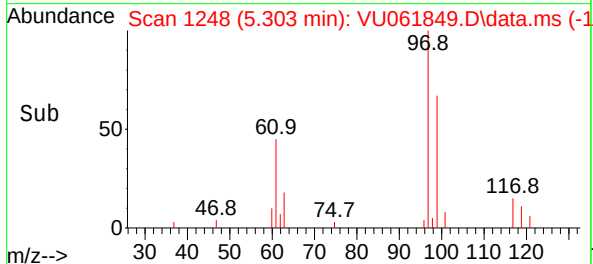
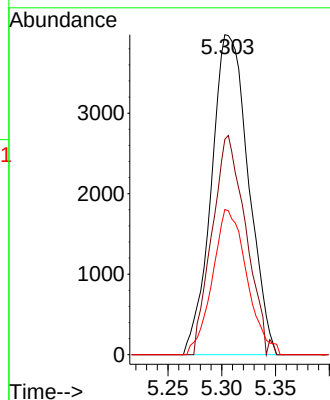
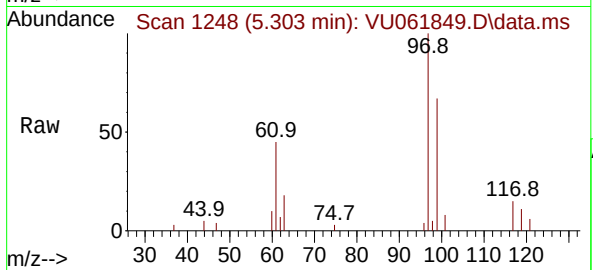




#29
1,1,1-Trichloroethane
Concen: 0.500 ug/L
RT: 5.303 min Scan# 1248
Delta R.T. -0.003 min
Lab File: VU061849.D
Acq: 19 Nov 2024 12:34

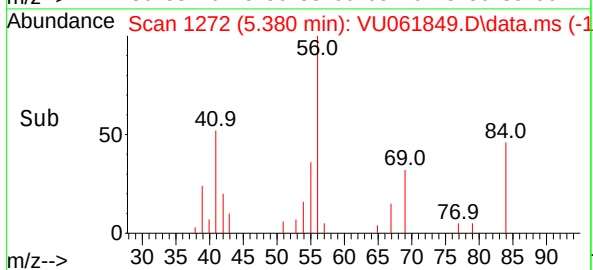
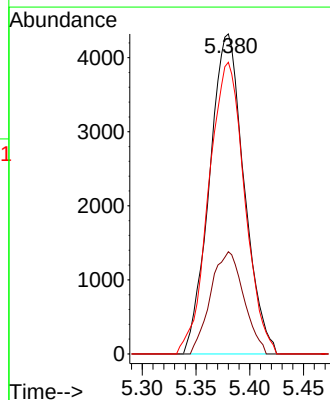
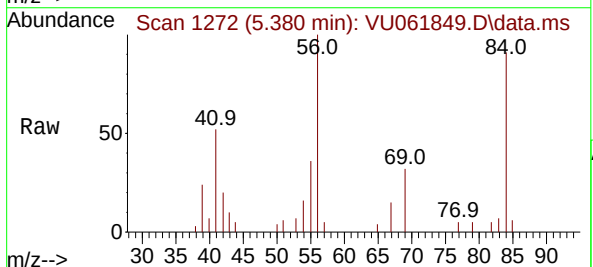
Instrument :
MSVOA_U
ClientSampleId :

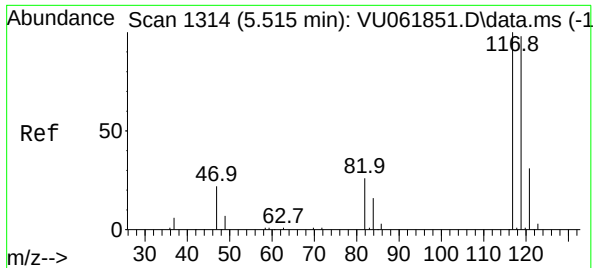
Tgt Ion:	97	Resp:	9510
Ion	Ratio	Lower	Upper
97	100		
99	62.6	51.0	76.4
61	42.3	34.8	52.2



#30
Cyclohexane
Concen: 0.510 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.003 min
Lab File: VU061849.D
Acq: 19 Nov 2024 12:34

Tgt Ion:	56	Resp:	9640
Ion	Ratio	Lower	Upper
56	100		
69	30.6	26.2	39.4
84	94.5	76.0	114.0

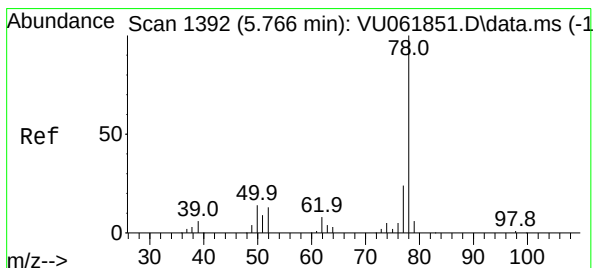
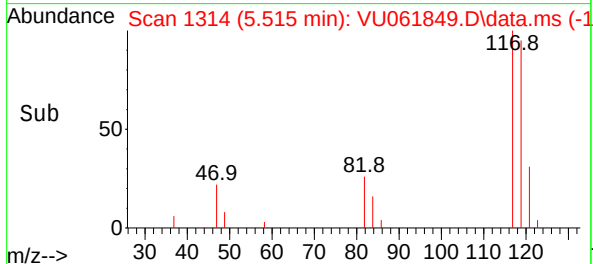
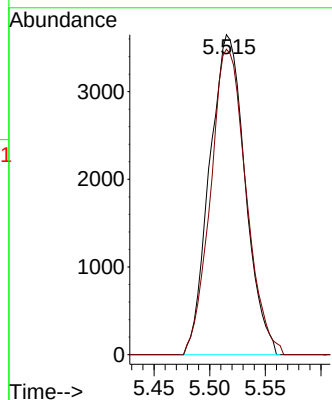
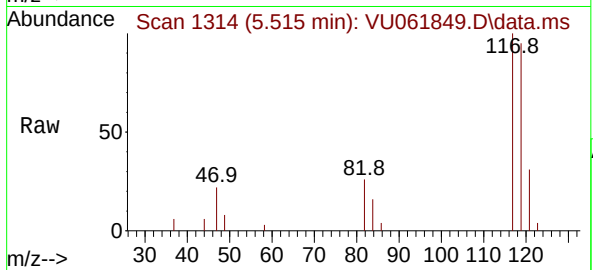




#31
Carbon tetrachloride
Concen: 0.499 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU061849.D
Acq: 19 Nov 2024 12:34

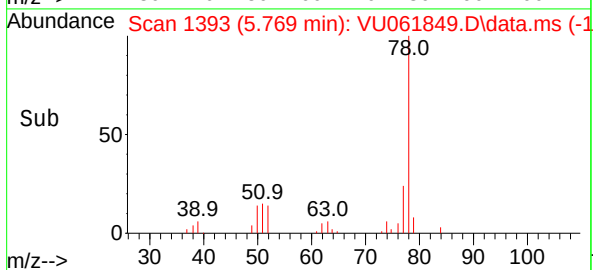
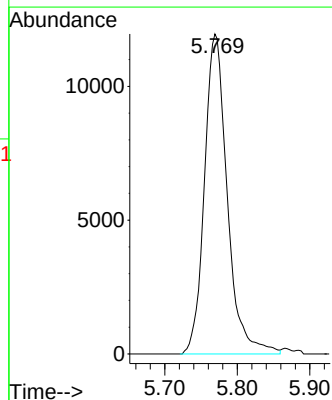
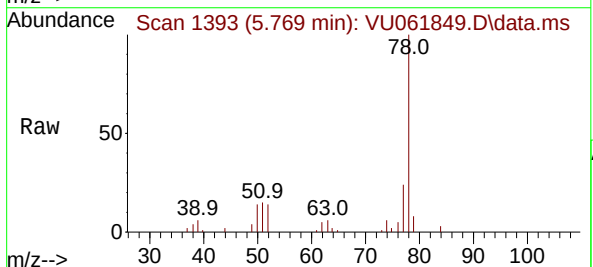
Instrument :
MSVOA_U
ClientSampleId :

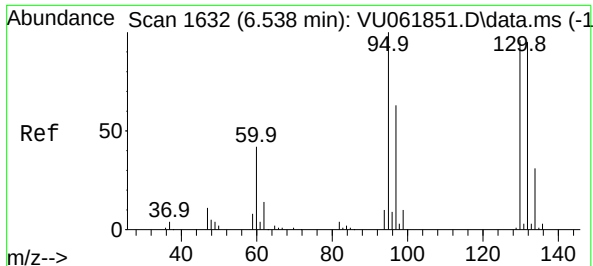
Tgt Ion:117 Resp: 8087
Ion Ratio Lower Upper
117 100
119 95.6 76.5 114.7



#33
Benzene
Concen: 0.518 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.003 min
Lab File: VU061849.D
Acq: 19 Nov 2024 12:34

Tgt Ion: 78 Resp: 26144



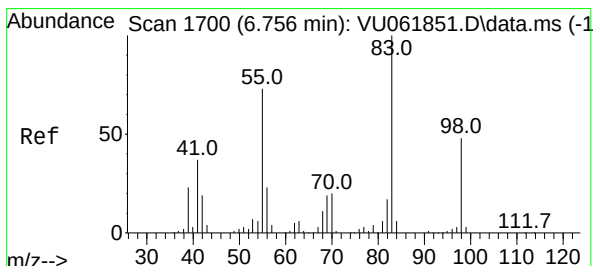
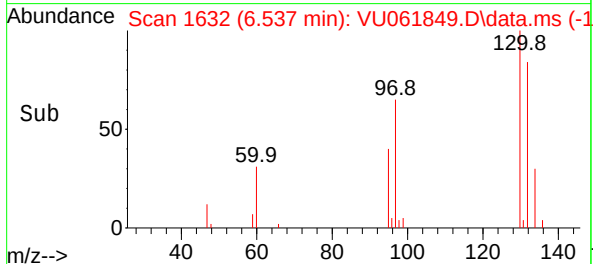
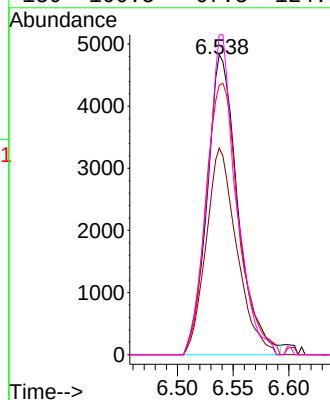
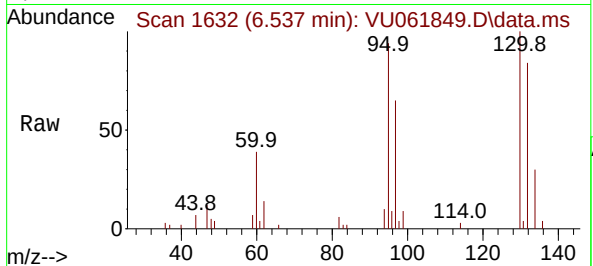


#34
Trichloroethene
Concen: 0.646 ug/L
RT: 6.537 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VU061849.D
Acq: 19 Nov 2024 12:34

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 9234

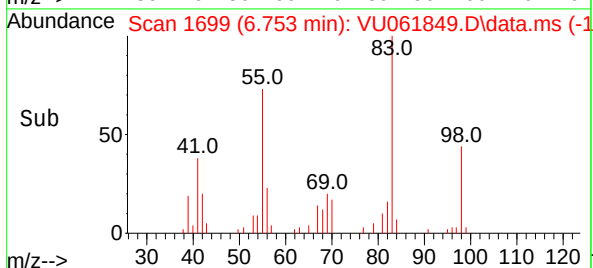
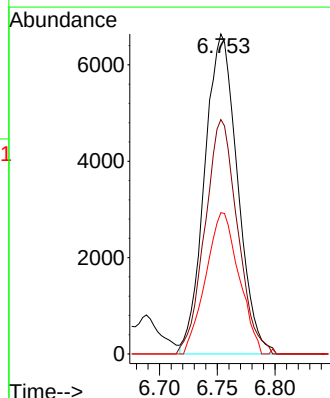
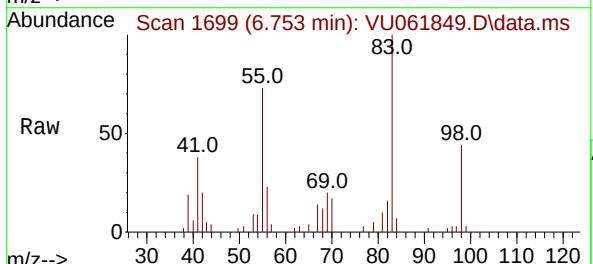
Ion	Ratio	Lower	Upper
95	100		
97	68.9	44.2	82.0
132	89.8	66.4	123.2
130	106.5	67.3	124.9

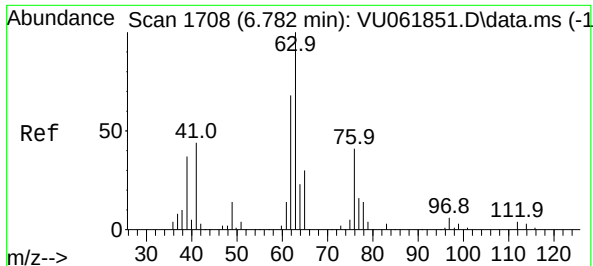


#35
Methylcyclohexane
Concen: 0.609 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. -0.003 min
Lab File: VU061849.D
Acq: 19 Nov 2024 12:34

Tgt Ion: 83 Resp: 13159

Ion	Ratio	Lower	Upper
83	100		
55	72.6	56.9	85.3
98	44.4	37.2	55.8

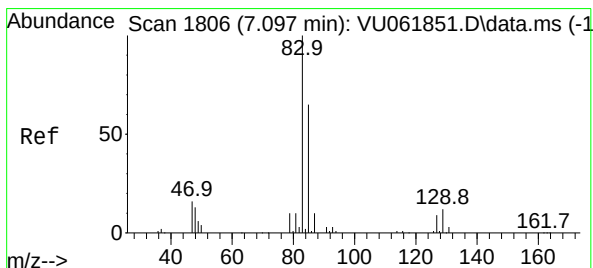
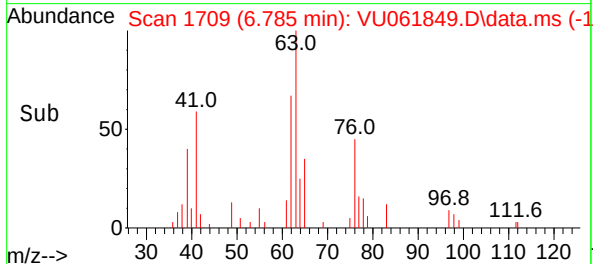
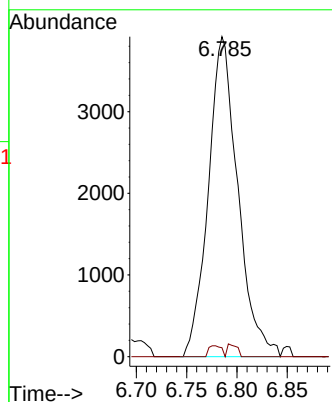
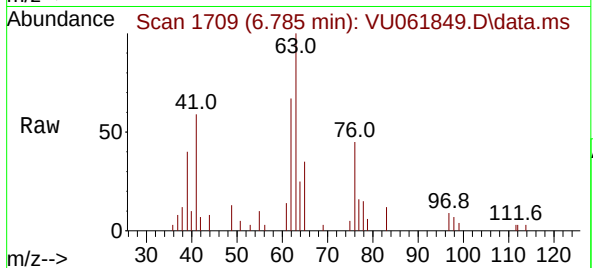




#37
1,2-Dichloropropane
Concen: 0.595 ug/L
RT: 6.785 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU061849.D
Acq: 19 Nov 2024 12:34

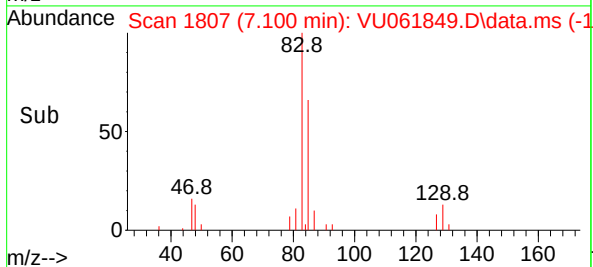
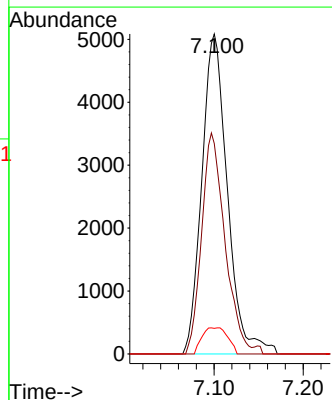
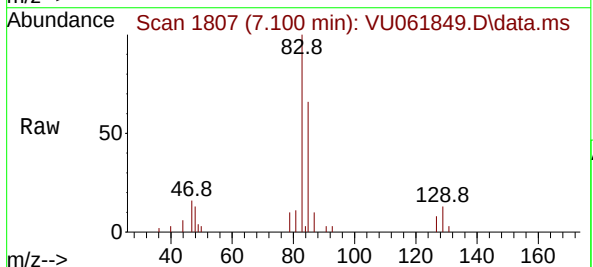
Instrument :
MSVOA_U
ClientSampleId :

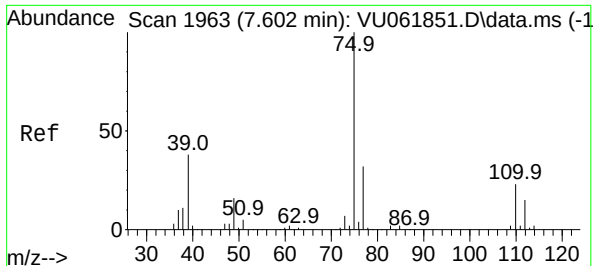
Tgt Ion: 63 Resp: 8011
Ion Ratio Lower Upper
63 100
112 1.3 3.0 4.6#



#38
Bromodichloromethane
Concen: 0.635 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VU061849.D
Acq: 19 Nov 2024 12:34

Tgt Ion: 83 Resp: 10126
Ion Ratio Lower Upper
83 100
85 65.7 45.4 84.4
127 8.0 7.4 11.0

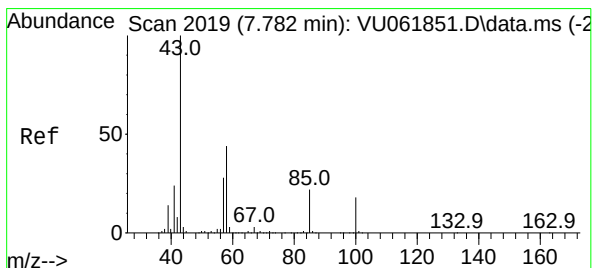
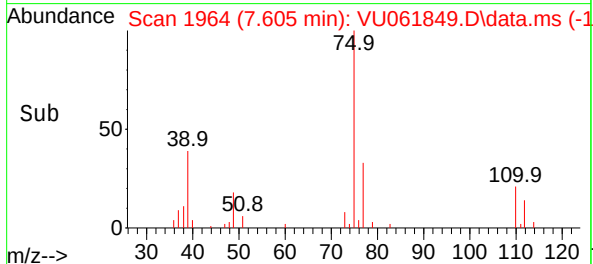
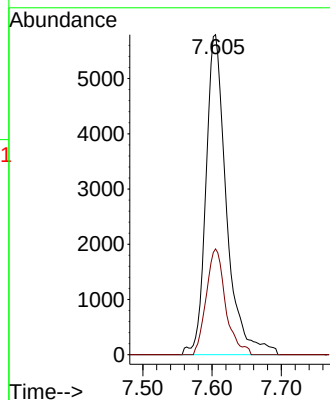
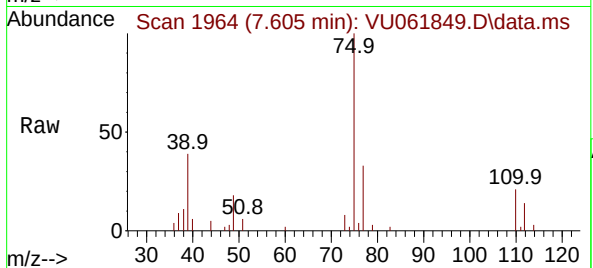




#39
 cis-1,3-Dichloropropene
 Concen: 0.631 ug/L
 RT: 7.605 min Scan# 1963
 Delta R.T. 0.003 min
 Lab File: VU061849.D
 Acq: 19 Nov 2024 12:34

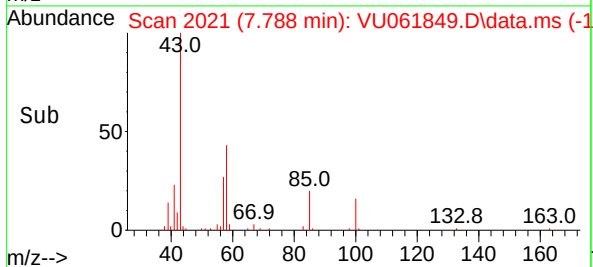
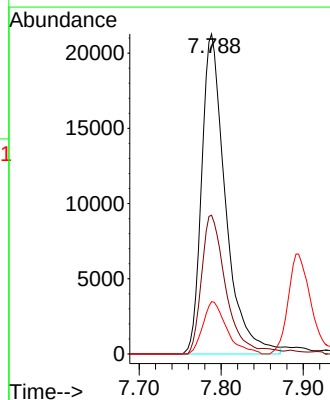
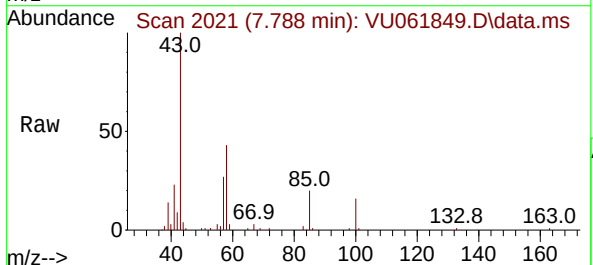
Instrument :
 MSVOA_U
 ClientSampleId :

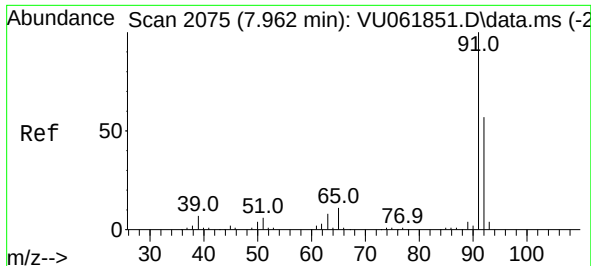
Tgt Ion: 75 Resp: 11926
 Ion Ratio Lower Upper
 75 100
 77 33.0 22.0 41.0



#40
 4-Methyl-2-pentanone
 Concen: 6.726 ug/L
 RT: 7.788 min Scan# 2021
 Delta R.T. 0.006 min
 Lab File: VU061849.D
 Acq: 19 Nov 2024 12:34

Tgt Ion: 43 Resp: 42848
 Ion Ratio Lower Upper
 43 100
 58 44.6 35.8 53.6
 100 16.3 14.7 22.1





#42

Toluene

Concen: 0.661 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU061849.D

Acq: 19 Nov 2024 12:34

Instrument :

MSVOA_U

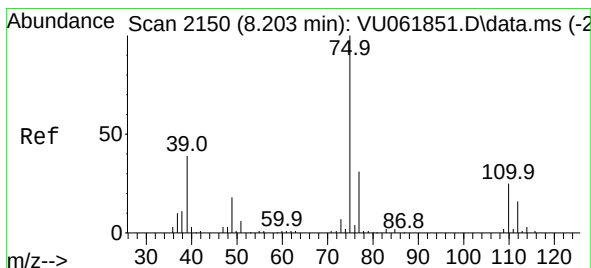
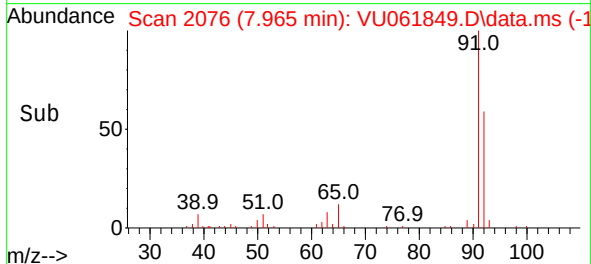
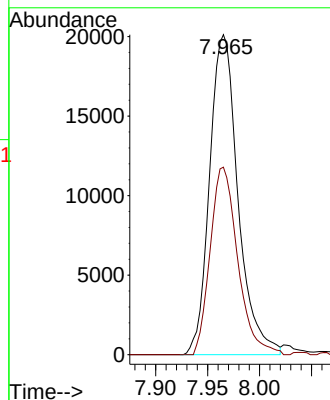
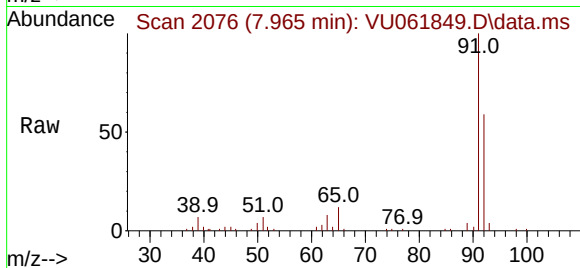
ClientSampleId :

Tgt Ion: 91 Resp: 38291

Ion Ratio Lower Upper

91 100

92 58.6 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 0.534 ug/L

RT: 8.209 min Scan# 2152

Delta R.T. 0.006 min

Lab File: VU061849.D

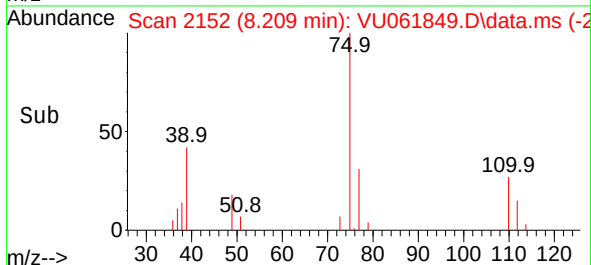
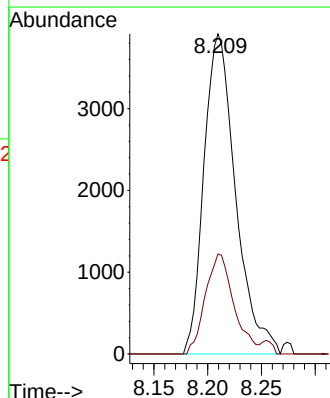
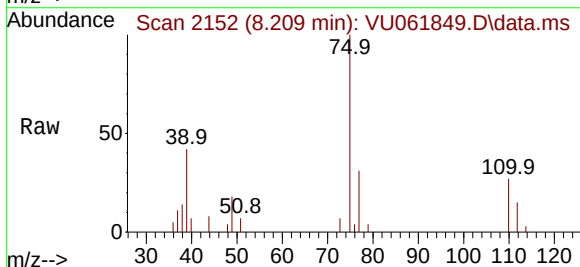
Acq: 19 Nov 2024 12:34

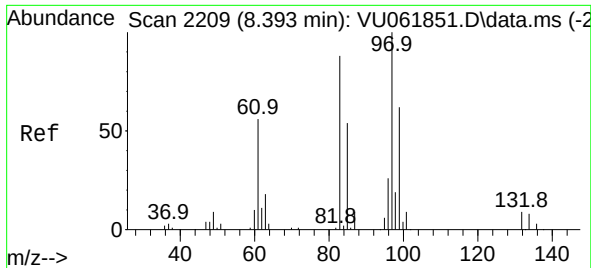
Tgt Ion: 75 Resp: 8007

Ion Ratio Lower Upper

75 100

77 31.3 21.8 40.6

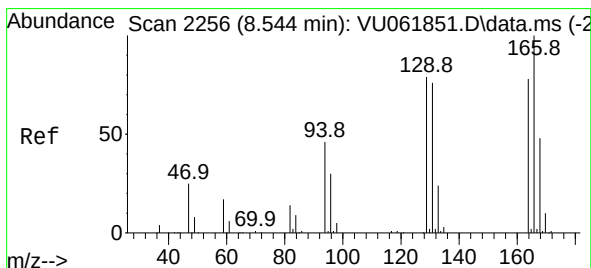
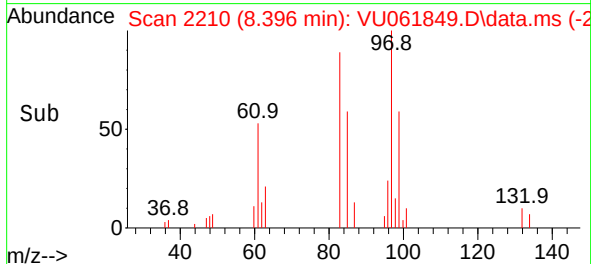
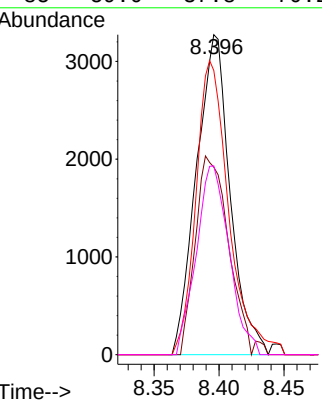
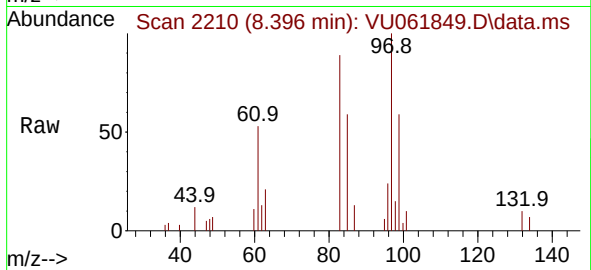




#45
1,1,2-Trichloroethane
Concen: 0.590 ug/L
RT: 8.396 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU061849.D
Acq: 19 Nov 2024 12:34

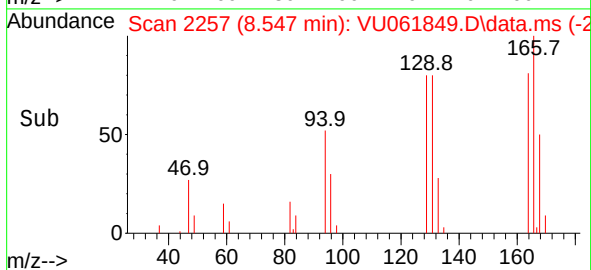
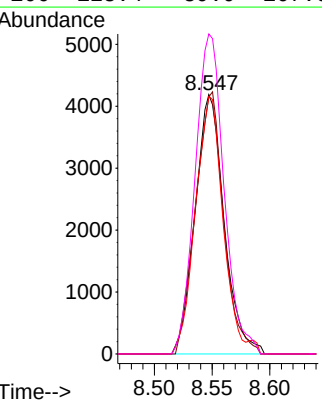
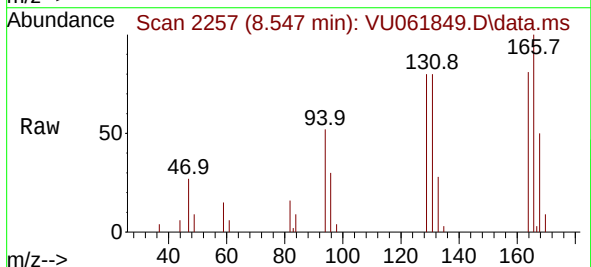
Instrument :
MSVOA_U
ClientSampleId :

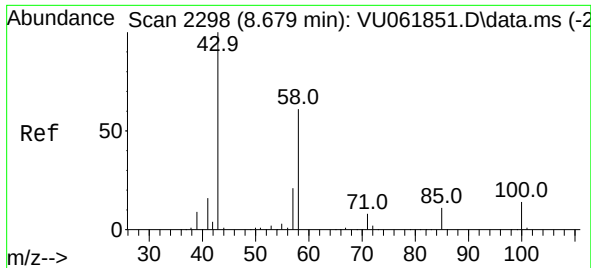
Tgt Ion: 97	Resp: 5904
Ion Ratio	Lower Upper
97 100	
99 58.6	43.6 81.0
83 88.8	61.7 114.5
85 59.0	37.8 70.2



#47
Tetrachloroethene
Concen: 0.678 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.003 min
Lab File: VU061849.D
Acq: 19 Nov 2024 12:34

Tgt	Ion:164	Resp:	7327
Ion	Ratio	Lower	Upper
164	100		
129	99.1	71.4	132.6
131	99.3	68.2	126.6
166	123.4	89.9	167.0

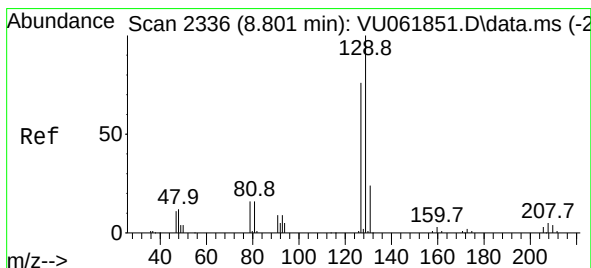
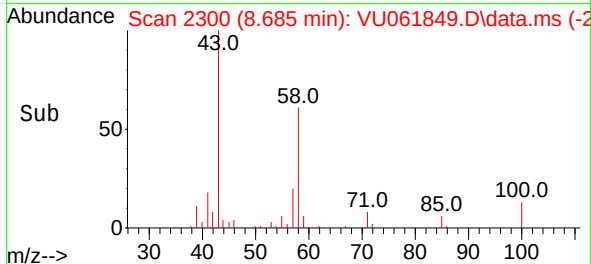
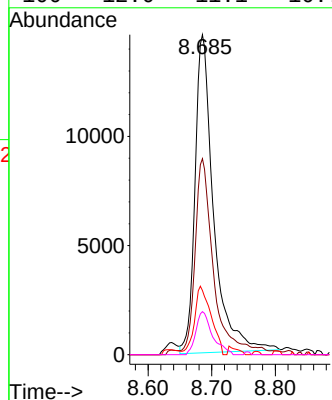
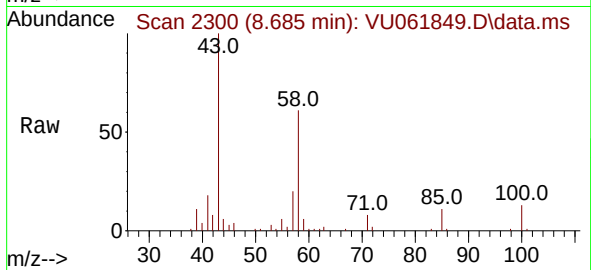




#48
2-Hexanone
Concen: 6.511 ug/L
RT: 8.685 min Scan# 2300
Delta R.T. 0.006 min
Lab File: VU061849.D
Acq: 19 Nov 2024 12:34

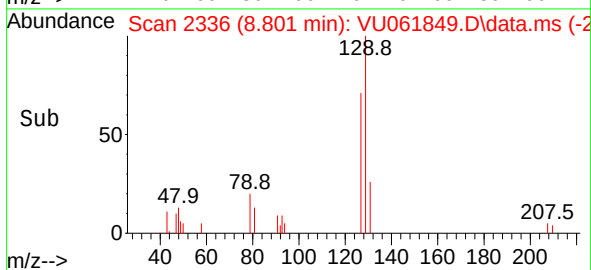
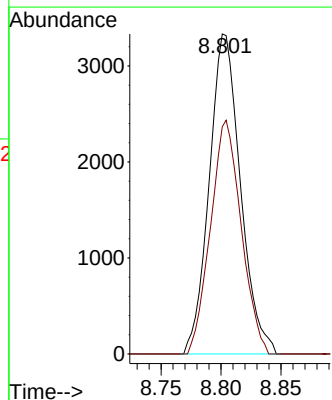
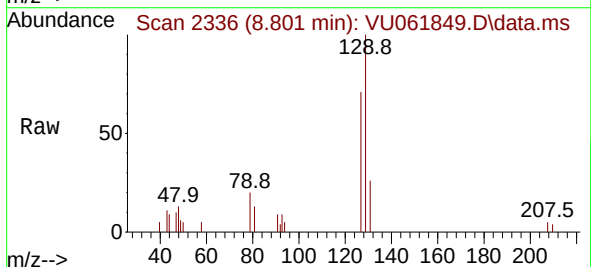
Instrument :
MSVOA_U
ClientSampleId :

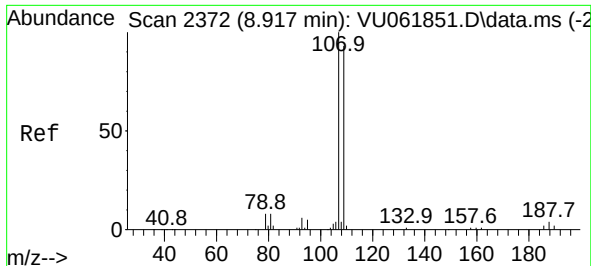
Tgt Ion: 43	Resp: 29642
Ion Ratio	Lower Upper
43 100	
58 58.2	49.6 74.4
57 19.2	17.6 26.4
100 12.0	11.1 16.7



#49
Dibromochloromethane
Concen: 0.592 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU061849.D
Acq: 19 Nov 2024 12:34

Tgt Ion:129	Resp: 6038		
Ion Ratio	Lower	Upper	
129 100			
127 71.0	53.4	99.2	

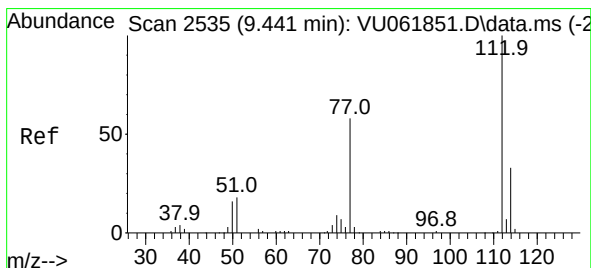
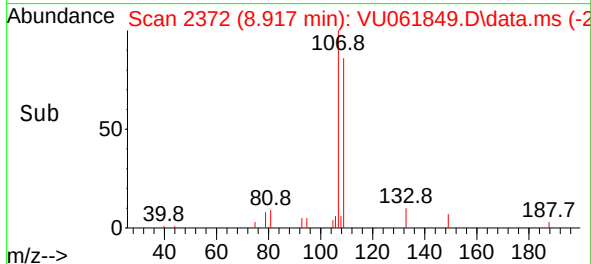
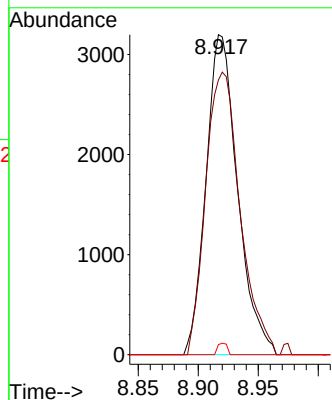
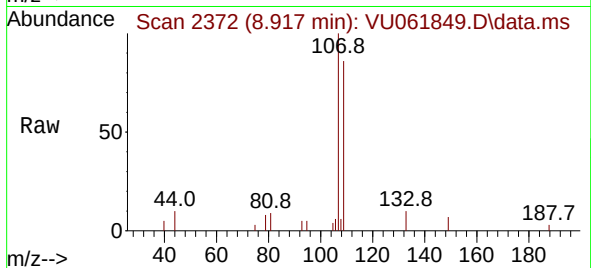




#50
1,2-Dibromoethane
Concen: 0.628 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. -0.000 min
Lab File: VU061849.D
Acq: 19 Nov 2024 12:34

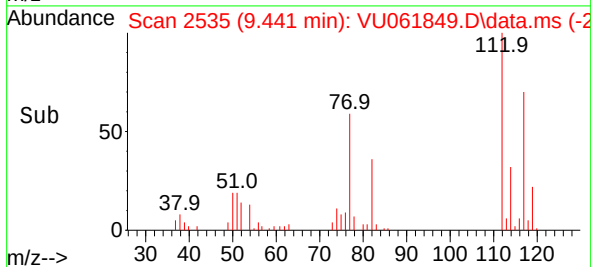
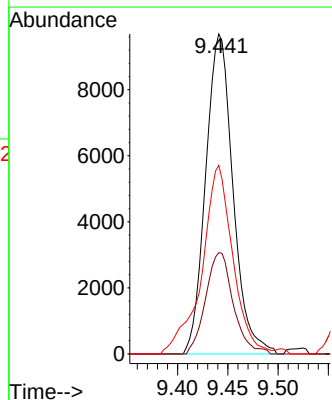
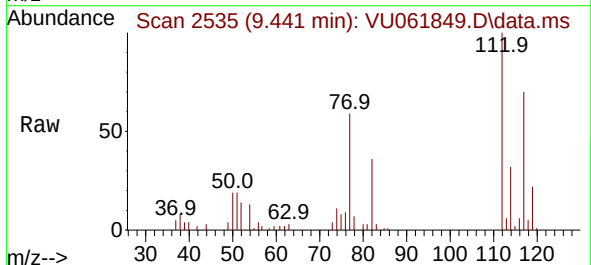
Instrument :
MSVOA_U
ClientSampleId :

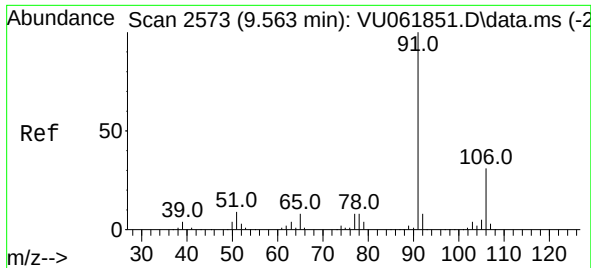
Tgt Ion:107 Resp: 5849
Ion Ratio Lower Upper
107 100
109 85.9 65.2 121.2
188 3.1 3.0 4.4



#51
Chlorobenzene
Concen: 0.500 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU061849.D
Acq: 19 Nov 2024 12:34

Tgt Ion:112 Resp: 18308
Ion Ratio Lower Upper
112 100
114 31.6 22.7 42.3
77 58.9 46.7 70.1





#52

Ethylbenzene

Concen: 0.454 ug/L

RT: 9.563 min Scan# 2573

Delta R.T. -0.000 min

Lab File: VU061849.D

Acq: 19 Nov 2024 12:34

Instrument :

MSVOA_U

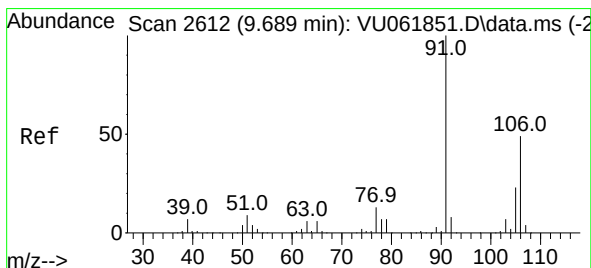
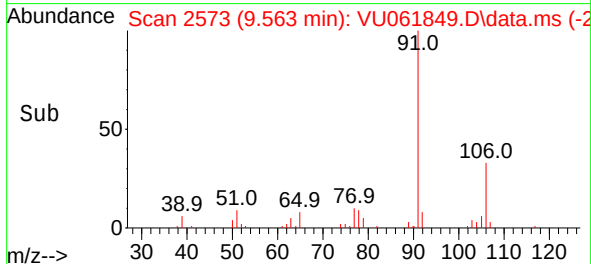
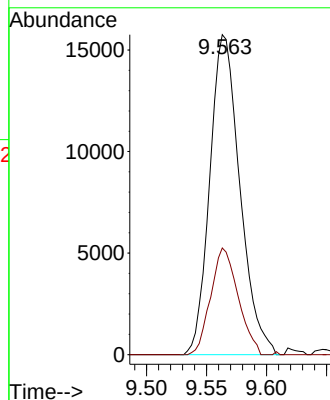
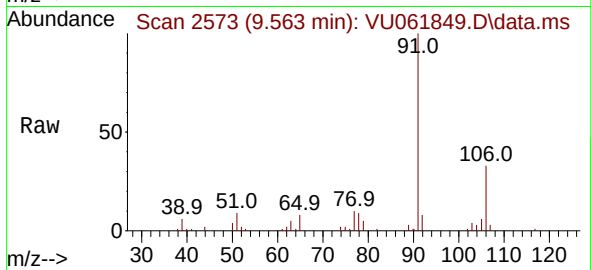
ClientSampleId :

Tgt Ion: 91 Resp: 27471

Ion Ratio Lower Upper

91 100

106 33.3 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: VU061849.D

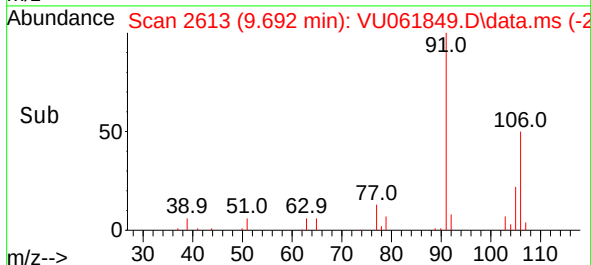
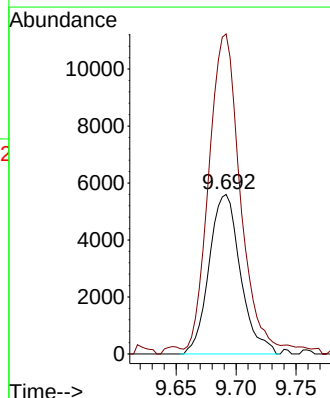
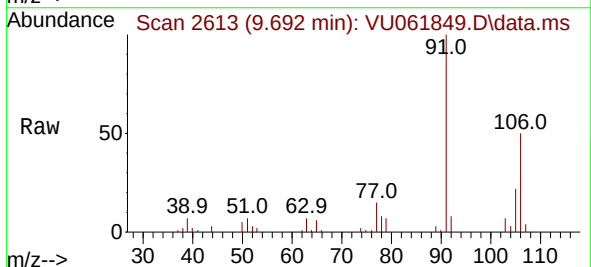
Acq: 19 Nov 2024 12:34

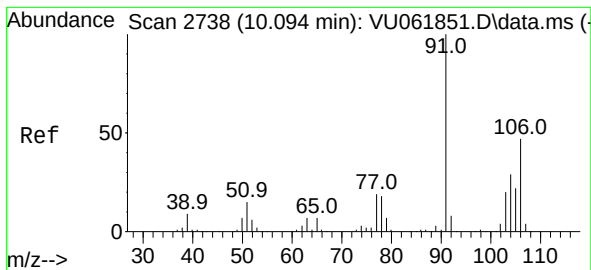
Tgt Ion:106 Resp: 10163

Ion Ratio Lower Upper

106 100

91 200.6 142.0 263.8





#54

o-Xylene

Concen: 0.472 ug/L

RT: 10.090 min Scan# 2738

Delta R.T. -0.003 min

Lab File: VU061849.D

Acq: 19 Nov 2024 12:34

Instrument :

MSVOA_U

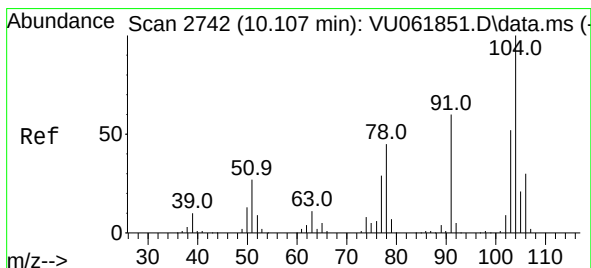
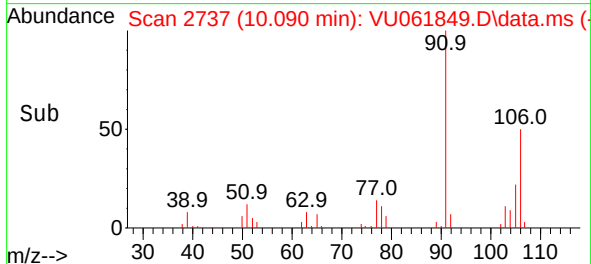
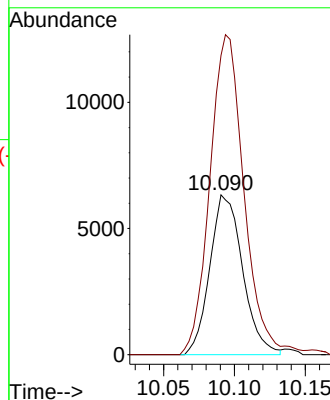
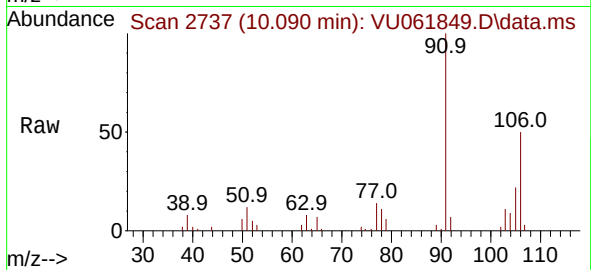
ClientSampleId :

Tgt Ion:106 Resp: 10193

Ion Ratio Lower Upper

106 100

91 187.2 148.2 275.2



#55

Styrene

Concen: 0.420 ug/L

RT: 10.113 min Scan# 2744

Delta R.T. 0.006 min

Lab File: VU061849.D

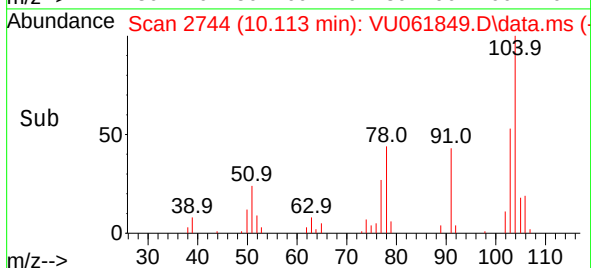
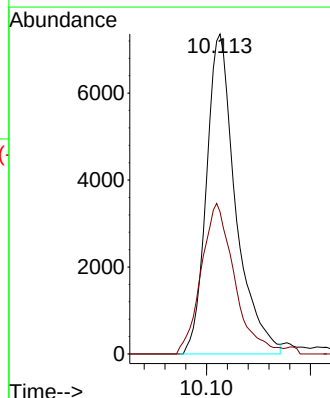
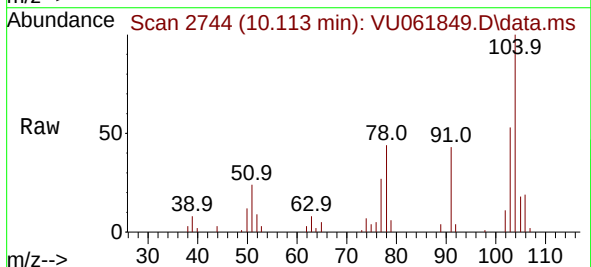
Acq: 19 Nov 2024 12:34

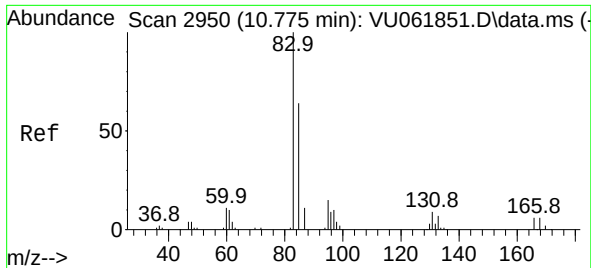
Tgt Ion:104 Resp: 14382

Ion Ratio Lower Upper

104 100

78 44.4 31.6 58.8





#57

1,1,2,2-Tetrachloroethane

Concen: 0.508 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. -0.003 min

Lab File: VU061849.D

Acq: 19 Nov 2024 12:34

Instrument :

MSVOA_U

ClientSampleId :

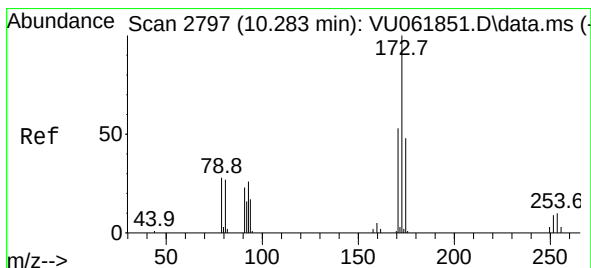
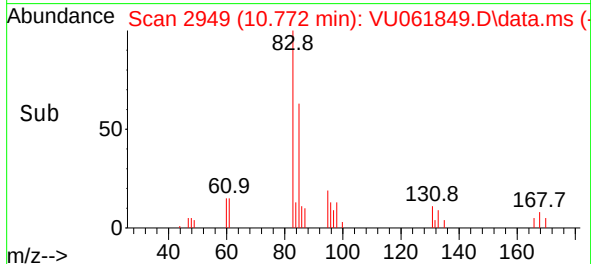
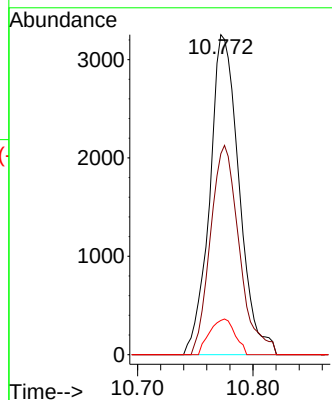
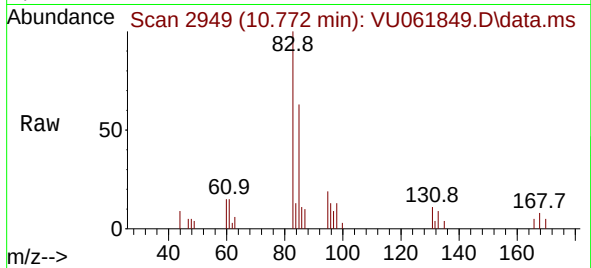
Tgt Ion: 83 Resp: 5747

Ion Ratio Lower Upper

83 100

85 62.8 45.1 83.7

131 10.7 7.7 11.5



#59

Bromoform

Concen: 0.460 ug/L

RT: 10.287 min Scan# 2798

Delta R.T. 0.003 min

Lab File: VU061849.D

Acq: 19 Nov 2024 12:34

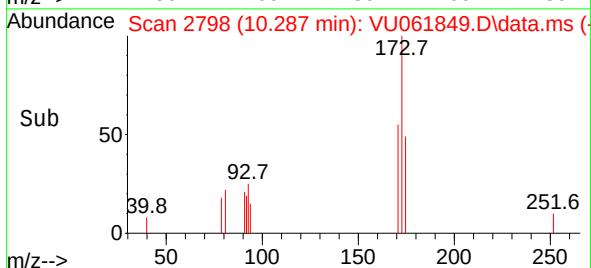
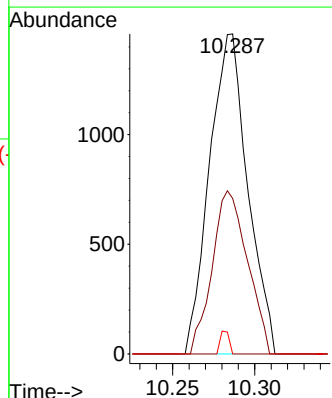
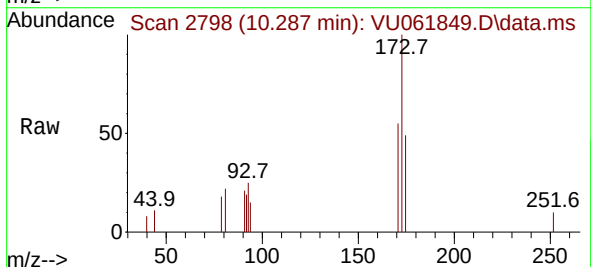
Tgt Ion:173 Resp: 2357

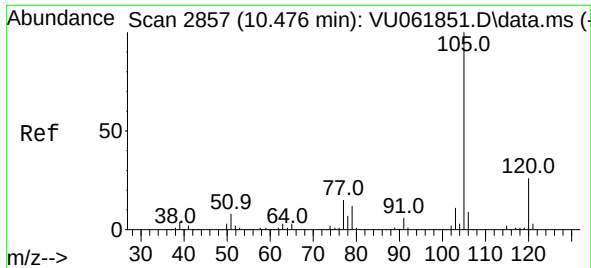
Ion Ratio Lower Upper

173 100

175 47.1 37.0 55.6

254 1.7 7.4 11.0#

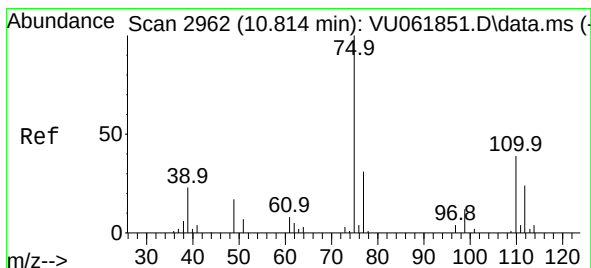
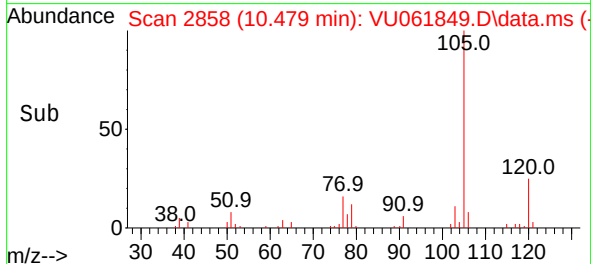
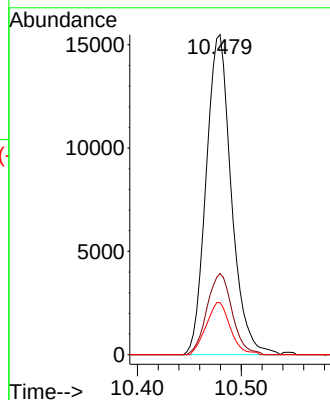
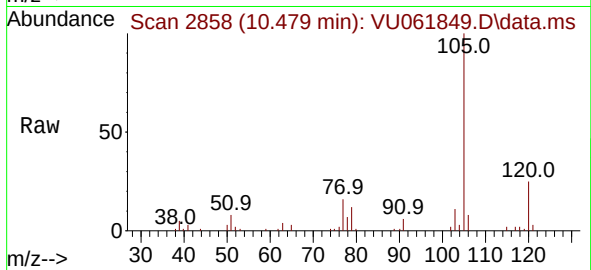




#60
Isopropylbenzene
Concen: 0.481 ug/L
RT: 10.479 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU061849.D
Acq: 19 Nov 2024 12:34

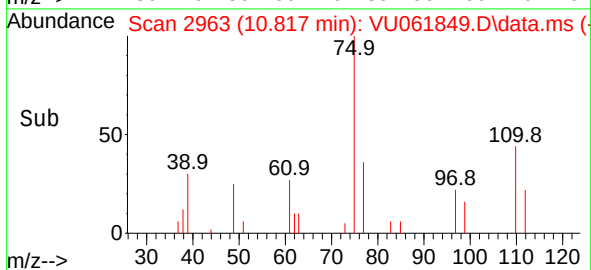
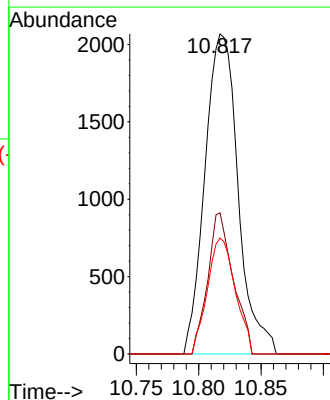
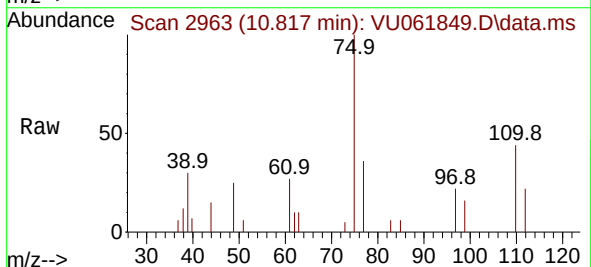
Instrument :
MSVOA_U
ClientSampleId :

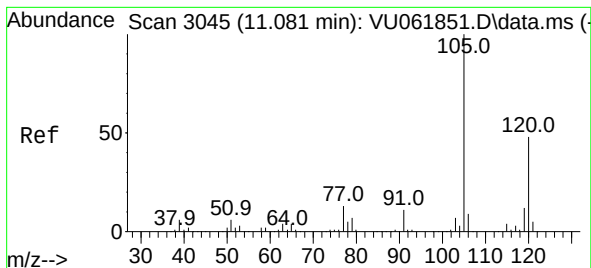
Tgt Ion:105 Resp: 25992
Ion Ratio Lower Upper
105 100
120 25.4 21.1 31.7
77 15.6 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 0.524 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. 0.003 min
Lab File: VU061849.D
Acq: 19 Nov 2024 12:34

Tgt Ion: 75 Resp: 3837
Ion Ratio Lower Upper
75 100
110 34.0 30.6 46.0
77 30.3 25.3 37.9





#62

1,3,5-Trimethylbenzene

Concen: 0.451 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. -0.000 min

Lab File: VU061849.D

Acq: 19 Nov 2024 12:34

Instrument :

MSVOA_U

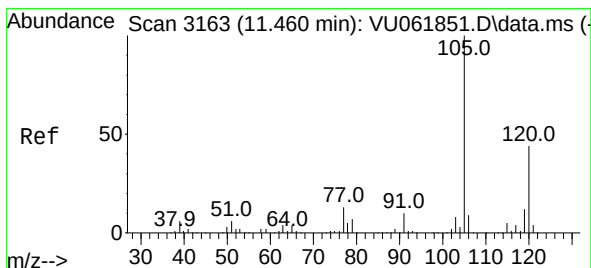
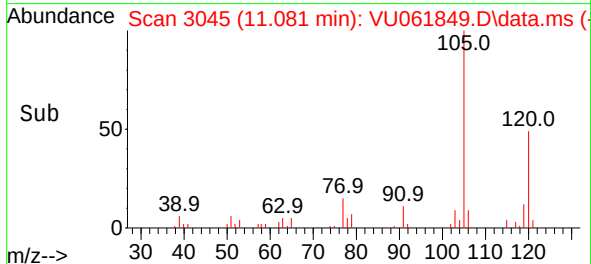
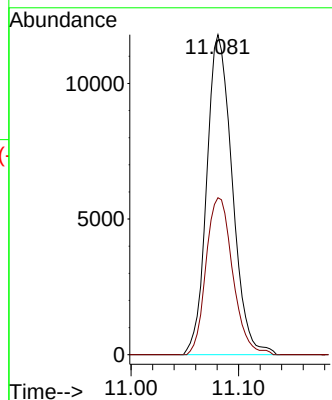
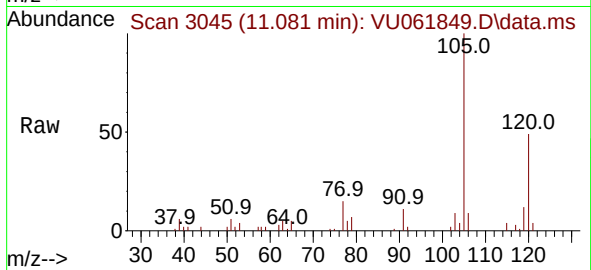
ClientSampleId :

Tgt Ion:105 Resp: 19447

Ion Ratio Lower Upper

105 100

120 51.2 38.6 58.0



#63

1,2,4-Trimethylbenzene

Concen: 0.450 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.003 min

Lab File: VU061849.D

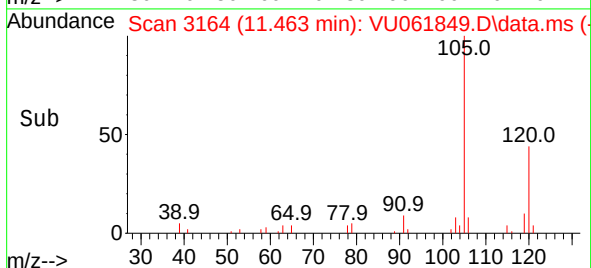
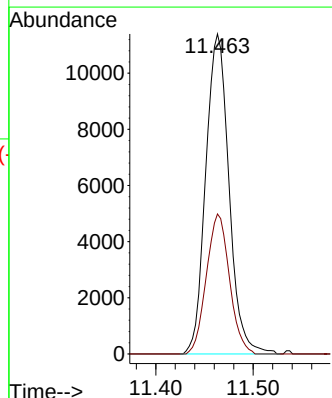
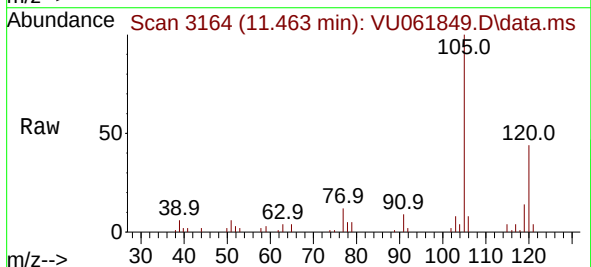
Acq: 19 Nov 2024 12:34

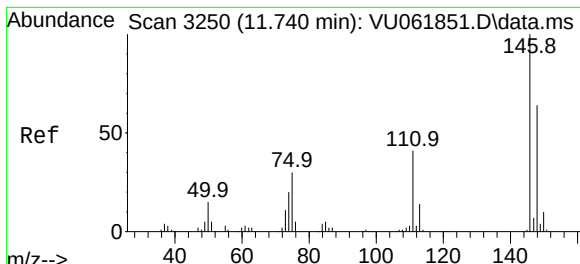
Tgt Ion:105 Resp: 18893

Ion Ratio Lower Upper

105 100

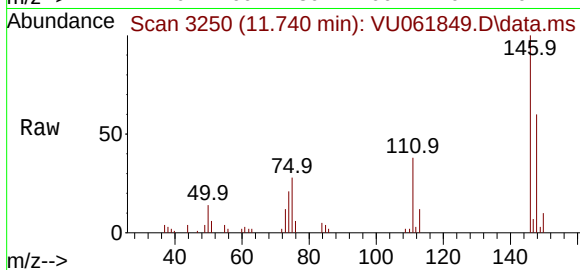
120 43.4 35.7 53.5



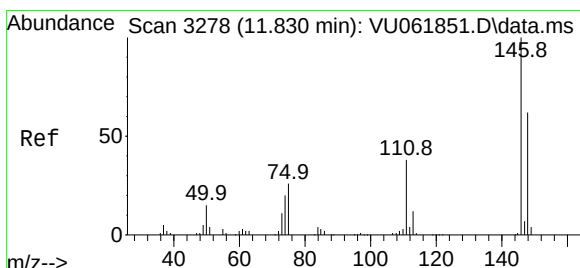
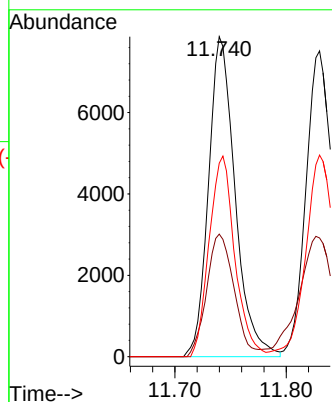
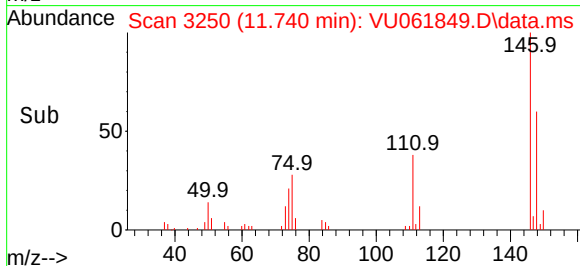


#64
1,3-Dichlorobenzene
Concen: 0.525 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. -0.000 min
Lab File: VU061849.D
Acq: 19 Nov 2024 12:34

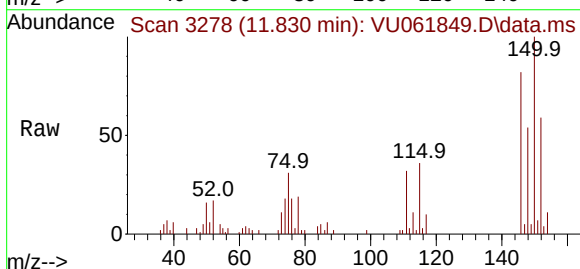
Instrument :
MSVOA_U
ClientSampleId :



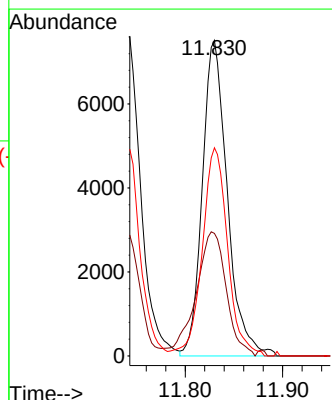
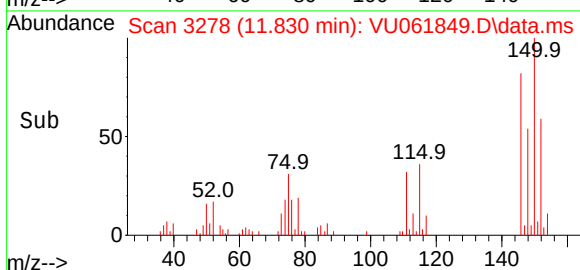
Tgt Ion:146 Resp: 13046
Ion Ratio Lower Upper
146 100
111 38.3 28.6 53.2
148 60.4 44.8 83.2

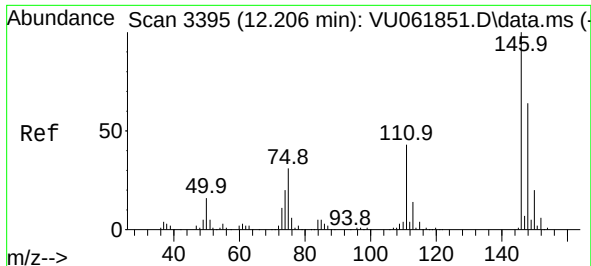


#65
1,4-Dichlorobenzene
Concen: 0.531 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU061849.D
Acq: 19 Nov 2024 12:34



Tgt Ion:146 Resp: 13381
Ion Ratio Lower Upper
146 100
111 38.9 27.0 50.2
148 66.0 43.8 81.3





#67

1,2-Dichlorobenzene

Concen: 0.518 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

Lab File: VU061849.D

Acq: 19 Nov 2024 12:34

Instrument :

MSVOA_U

ClientSampleId :

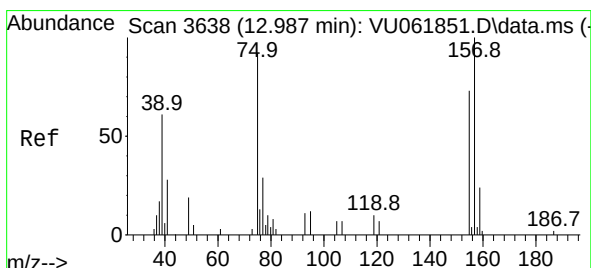
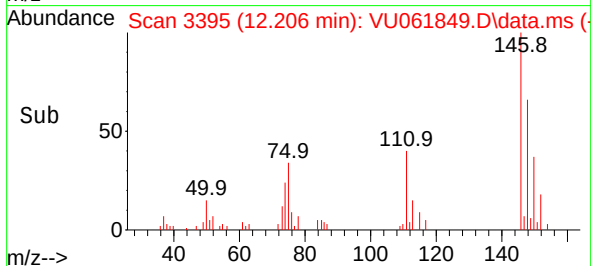
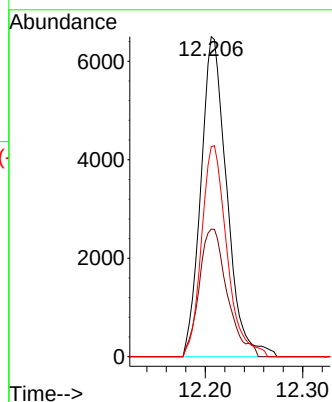
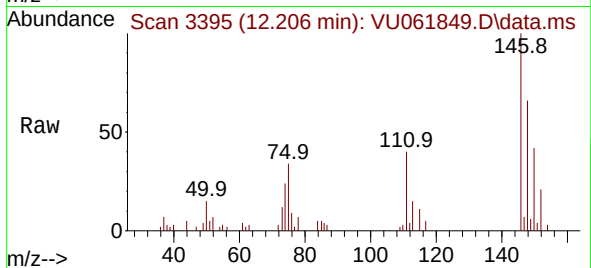
Tgt Ion:146 Resp: 11982

Ion Ratio Lower Upper

146 100

111 39.9 34.3 51.5

148 65.6 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 0.419 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.006 min

Lab File: VU061849.D

Acq: 19 Nov 2024 12:34

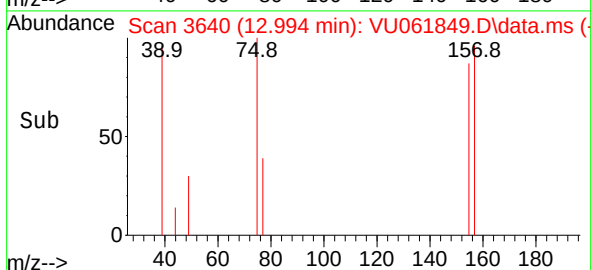
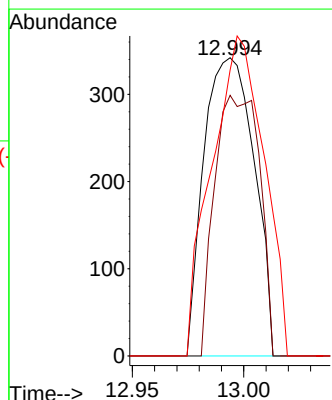
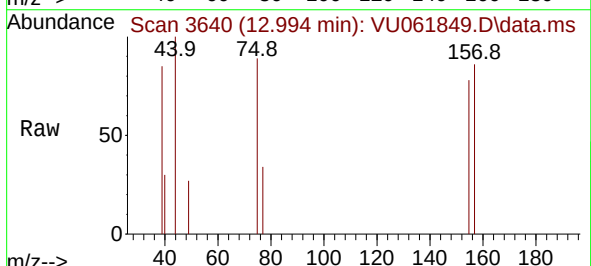
Tgt Ion: 75 Resp: 536

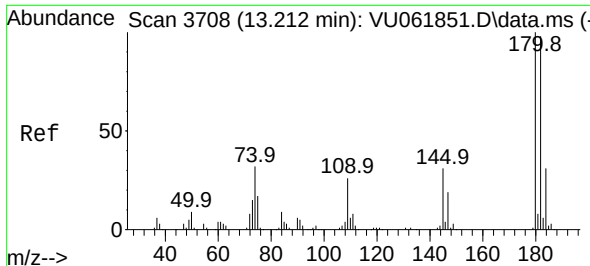
Ion Ratio Lower Upper

75 100

155 87.4 62.9 94.3

157 95.9 86.7 130.1





#69

1,3,5-Trichlorobenzene

Concen: 0.515 ug/L

RT: 13.216 min Scan# 3

Delta R.T. 0.003 min

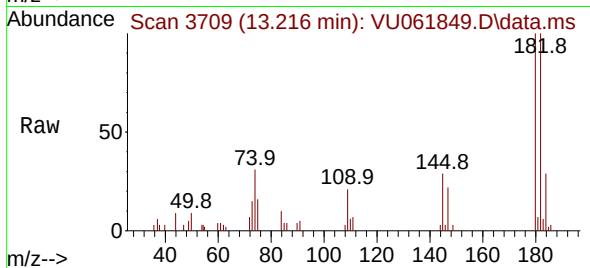
Lab File: VU061849.D

Acq: 19 Nov 2024 12:34

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 8959

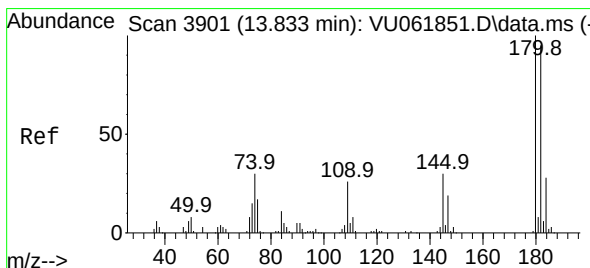
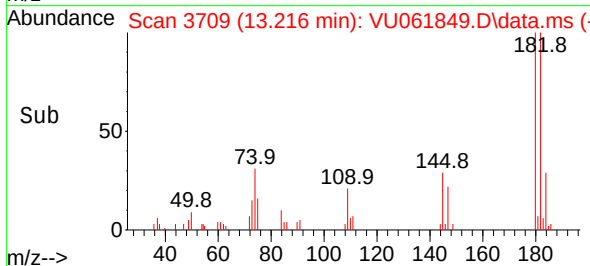
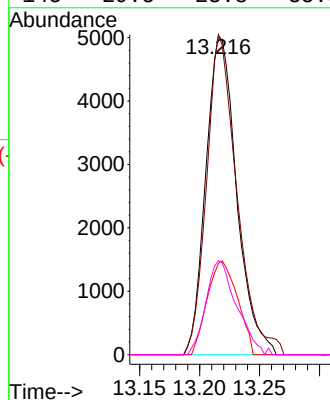
Ion Ratio Lower Upper

180 100

182 98.7 77.0 115.6

184 28.8 24.2 36.4

145 29.5 23.8 35.8



#70

1,2,4-trichlorobenzene

Concen: 0.513 ug/L

RT: 13.839 min Scan# 3903

Delta R.T. 0.006 min

Lab File: VU061849.D

Acq: 19 Nov 2024 12:34

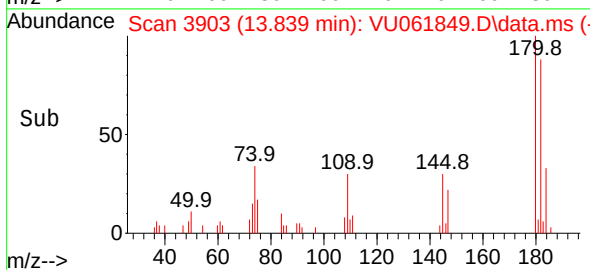
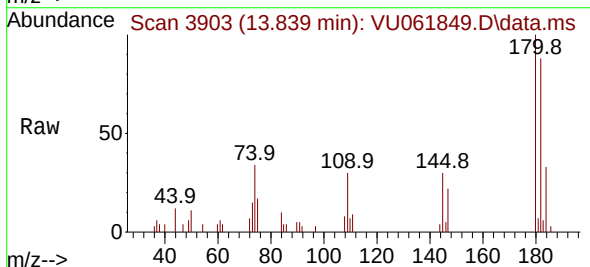
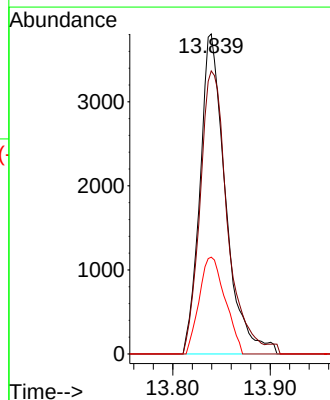
Tgt Ion:180 Resp: 6935

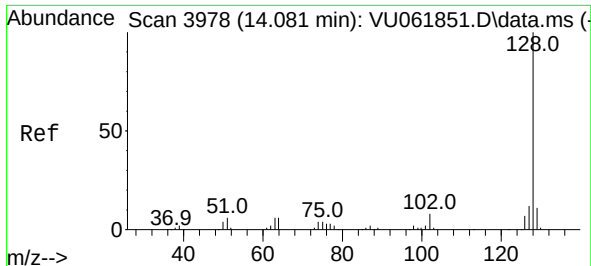
Ion Ratio Lower Upper

180 100

182 94.1 76.2 114.2

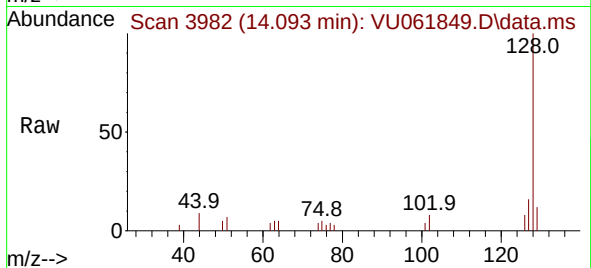
145 30.7 24.1 36.1



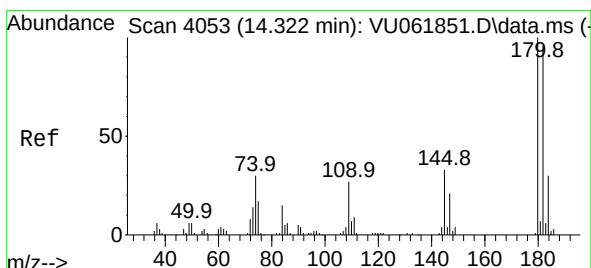
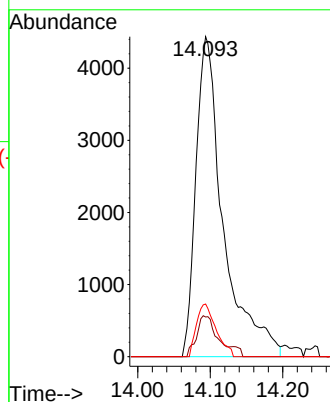
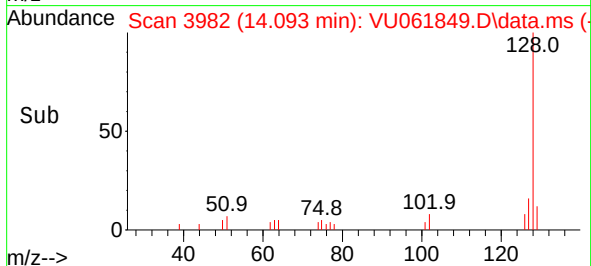


#71
Naphthalene
Concen: 0.596 ug/L
RT: 14.093 min Scan# 3978
Delta R.T. 0.013 min
Lab File: VU061849.D
Acq: 19 Nov 2024 12:34

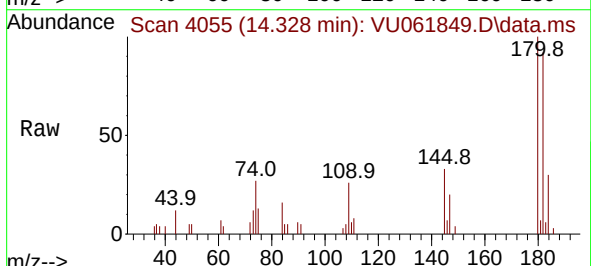
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	128	Resp:	11599
Ion Ratio	Lower	Upper	
128	100		
129	9.3	8.6	12.8
127	11.8	9.8	14.8



#72
1,2,3-Trichlorobenzene
Concen: 0.575 ug/L
RT: 14.328 min Scan# 4055
Delta R.T. 0.006 min
Lab File: VU061849.D
Acq: 19 Nov 2024 12:34



Tgt Ion:	180	Resp:	6517
Ion Ratio	Lower	Upper	
180	100		
182	93.9	76.6	115.0
145	32.6	26.0	39.0

