

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
 Data File : VU060009.D
 Acq On : 18 Jul 2024 11:04
 Operator : MD/SY
 Sample : VSTD0.5
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 19 01:02:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 19 01:02:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	129444	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	135642	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	59835	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	4281	0.474	ug/L	0.00
7) Chloroethane-d5	1.911	69	3883	0.449	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.557	65	991	0.266	ug/L	0.00
20) 2-Butanone-d5	4.656	46	4467	2.327	ug/L	0.03
24) Chloroform-d	5.062	84	8787	0.471	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.701	65	4048	0.451	ug/L	0.00
32) Benzene-d6	5.727	84	15418	0.411	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	5479	0.472	ug/L	0.00
41) Toluene-d8	7.898	98	12847	0.369	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.184	79	1315	0.353	ug/L	0.00
46) 2-Hexanone-d5	8.637	63	5400	3.485	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	4610	0.473	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.193	152	5033	0.467	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	5122	0.473	ug/L	94
3) Chloromethane	1.515	50	6860	0.587	ug/L	97
5) Vinyl chloride	1.599	62	7370	0.565	ug/L	93
6) Bromomethane	1.856	94	4544	0.502	ug/L	90
8) Chloroethane	1.930	64	4715	0.595	ug/L	98
9) Trichlorofluoromethane	2.132	101	8613	0.539	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	5522	0.541	ug/L	96
12) 1,1-Dichloroethene	2.576	96	5170	0.554	ug/L	84
13) Acetone	2.653	43	5853	4.675	ug/L	72
14) Carbon disulfide	2.788	76	15533	0.514	ug/L	100
15) Methyl Acetate	2.962	43	1375	0.429	ug/L #	60
16) Methylene chloride	3.046	84	6635	0.598	ug/L	95
17) Methyl tert-butyl Ether	3.357	73	10972	0.540	ug/L	97
18) trans-1,2-Dichloroethene	3.354	96	5417	0.562	ug/L	97
19) 1,1-Dichloroethane	3.865	63	10343	0.577	ug/L	98
21) 2-Butanone	4.734	43	8606	4.331	ug/L	84
22) cis-1,2-Dichloroethene	4.663	96	5427	0.507	ug/L	96
23) Bromochloromethane	4.975	128	2809	0.571	ug/L	93
25) Chloroform	5.081	83	12126	0.638	ug/L	95
27) 1,2-Dichloroethane	5.791	62	6294	0.558	ug/L	100
29) 1,1,1-Trichloroethane	5.312	97	8258	0.517	ug/L	95
30) Cyclohexane	5.383	56	5616	0.411	ug/L	98
31) Carbon tetrachloride	5.518	117	7519	0.560	ug/L	99
33) Benzene	5.772	78	21343	0.509	ug/L	100
34) Trichloroethene	6.544	95	5834	0.519	ug/L	97
35) Methylcyclohexane	6.756	83	6573	0.414	ug/L	94
37) 1,2-Dichloropropane	6.785	63	6255	0.577	ug/L	98
38) Bromodichloromethane	7.100	83	7977	0.589	ug/L	98
39) cis-1,3-Dichloropropene	7.608	75	6978	0.473	ug/L	99
40) 4-Methyl-2-pentanone	7.788	43	21122	4.219	ug/L	99
42) Toluene	7.968	91	21092	0.475	ug/L	98
44) trans-1,3-Dichloropropene	8.209	75	6122	0.514	ug/L	89

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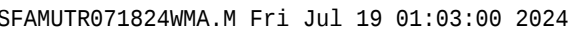
Quant Time: Jul 19 01:02:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 19 01:02:29 2024
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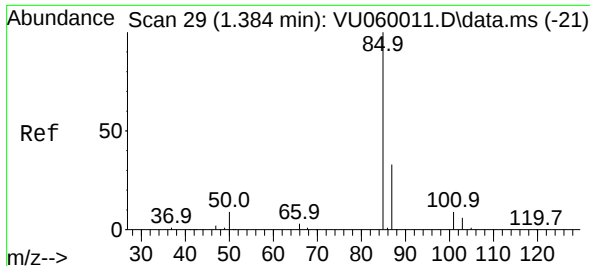
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.396	97	4678	0.580	ug/L	95
47) Tetrachloroethene	8.547	164	4789	0.537	ug/L	89
48) 2-Hexanone	8.685	43	13822	3.868	ug/L	93
49) Dibromochloromethane	8.804	129	5021	0.557	ug/L	99
50) 1,2-Dibromoethane	8.920	107	4016	0.540	ug/L #	94
51) Chlorobenzene	9.444	112	15332	0.544	ug/L	93
52) Ethylbenzene	9.566	91	19793	0.437	ug/L	99
53) m,p-Xylene	9.688	106	7613	0.437	ug/L	87
54) o-Xylene	10.097	106	7242	0.436	ug/L	90
55) Styrene	10.116	104	10781	0.382	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.778	83	5669	0.577	ug/L	98
59) Bromoform	10.290	173	3088	0.660	ug/L #	87
60) Isopropylbenzene	10.479	105	18159	0.487	ug/L	95
61) 1,2,3-Trichloropropane	10.820	75	3427	0.613	ug/L	94
62) 1,3,5-Trimethylbenzene	11.084	105	12619	0.431	ug/L	99
63) 1,2,4-Trimethylbenzene	11.466	105	11296	0.404	ug/L	98
64) 1,3-Dichlorobenzene	11.746	146	10643	0.553	ug/L	97
65) 1,4-Dichlorobenzene	11.833	146	11058	0.564	ug/L	94
67) 1,2-Dichlorobenzene	12.212	146	10403	0.576	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.997	75	548	0.498	ug/L #	80
69) 1,3,5-Trichlorobenzene	13.219	180	8004	0.560	ug/L	97
70) 1,2,4-trichlorobenzene	13.843	180	5380	0.493	ug/L	98
71) Naphthalene	14.097	128	6052	0.390	ug/L #	88
72) 1,2,3-Trichlorobenzene	14.328	180	4487	0.444	ug/L	99

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

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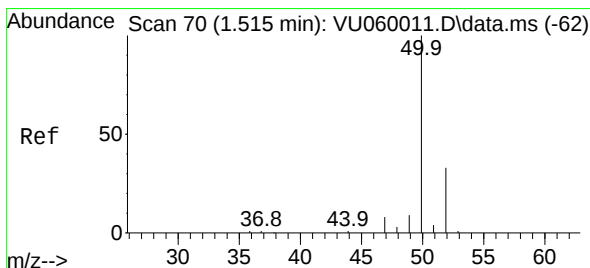
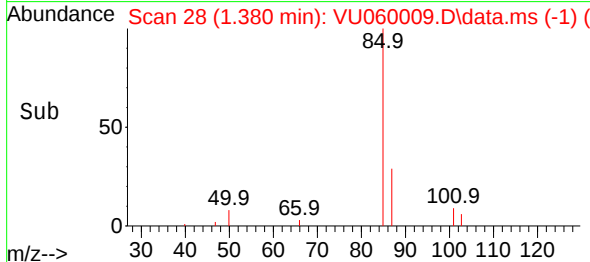
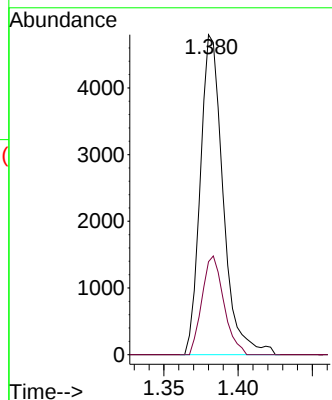
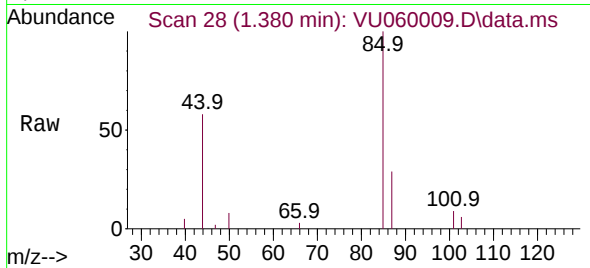




#2
 Dichlorodifluoromethane
 Concen: 0.473 ug/L
 RT: 1.380 min Scan# 29
 Delta R.T. -0.003 min
 Lab File: VU060009.D
 Acq: 18 Jul 2024 11:04

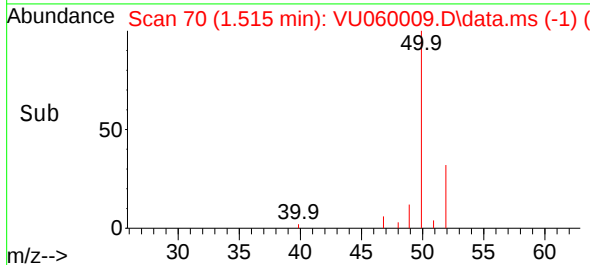
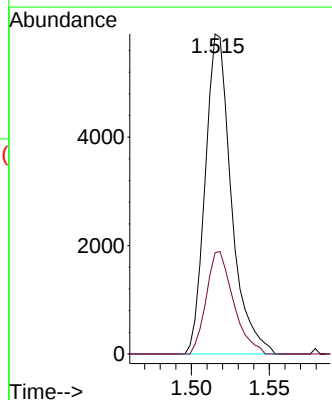
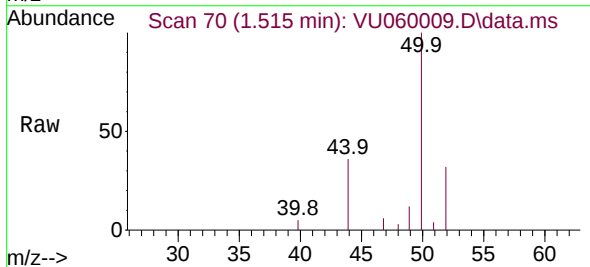
Instrument :
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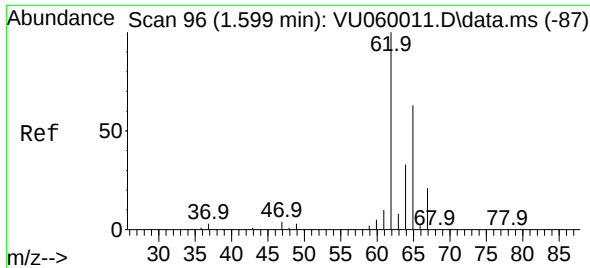
Tgt Ion: 85 Resp: 5122
 Ion Ratio Lower Upper
 85 100
 87 29.5 26.1 39.1



#3
 Chloromethane
 Concen: 0.587 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VU060009.D
 Acq: 18 Jul 2024 11:04

Tgt Ion: 50 Resp: 6860
 Ion Ratio Lower Upper
 50 100
 52 31.7 23.4 43.4

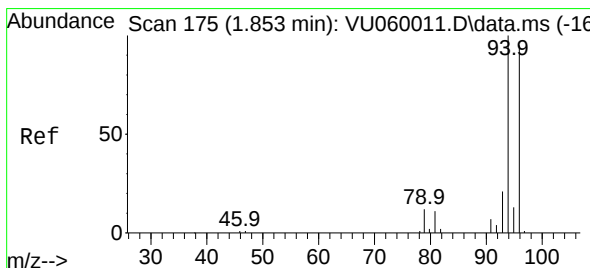
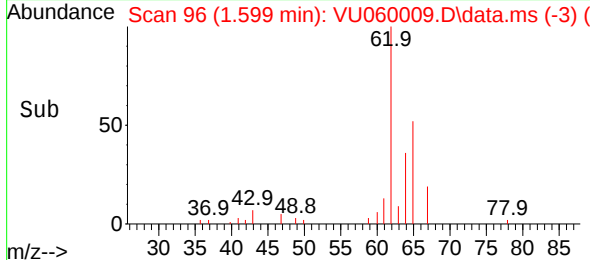
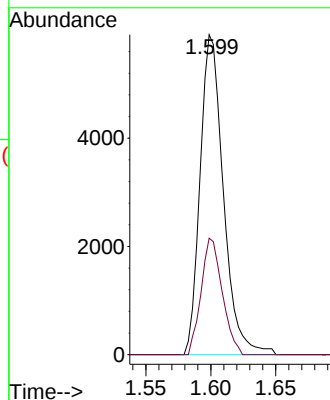
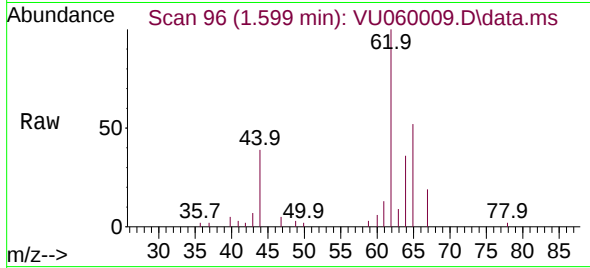




#5
Vinyl chloride
Concen: 0.565 ug/L
RT: 1.599 min Scan# 90
Delta R.T. -0.000 min
Lab File: VU060009.D
Acq: 18 Jul 2024 11:04

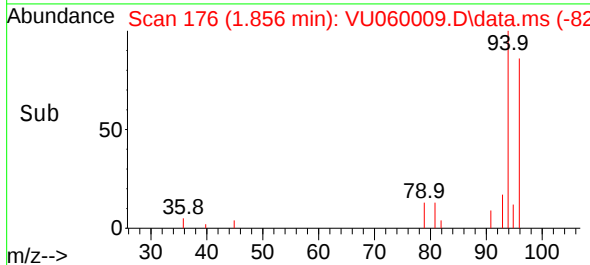
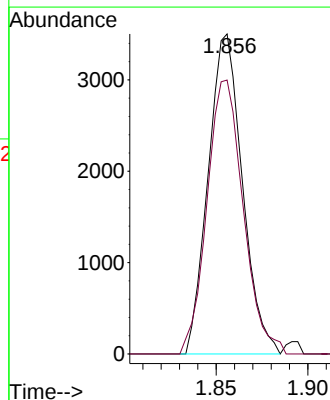
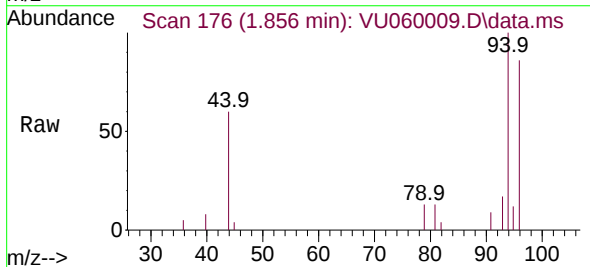
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ClientSampleId :

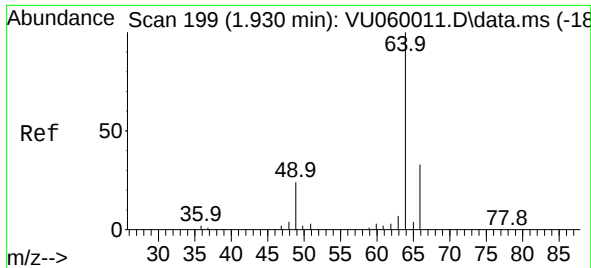
Tgt Ion: 62 Resp: 7370
Ion Ratio Lower Upper
62 100
64 36.4 22.8 42.4



#6
Bromomethane
Concen: 0.502 ug/L
RT: 1.856 min Scan# 176
Delta R.T. 0.003 min
Lab File: VU060009.D
Acq: 18 Jul 2024 11:04

Tgt Ion: 94 Resp: 4544
Ion Ratio Lower Upper
94 100
96 85.6 66.6 123.6

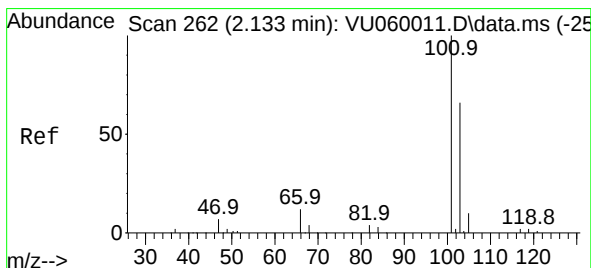
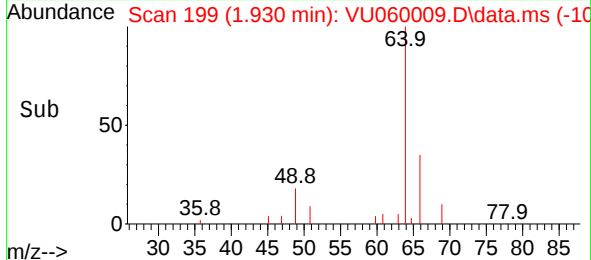
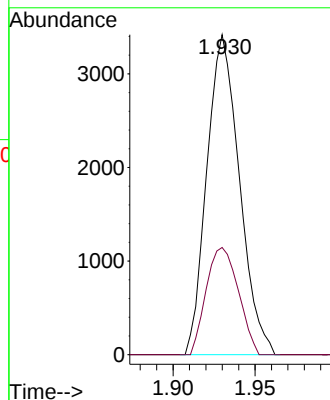
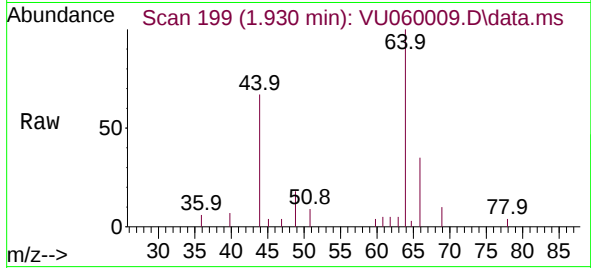




#8
Chloroethane
Concen: 0.595 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU060009.D
Acq: 18 Jul 2024 11:04

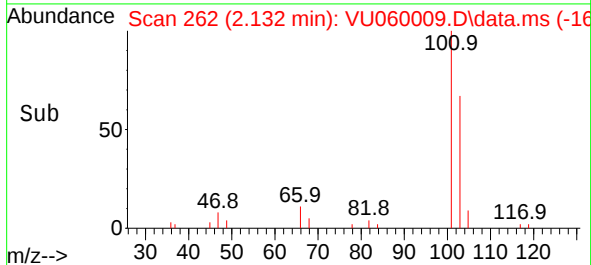
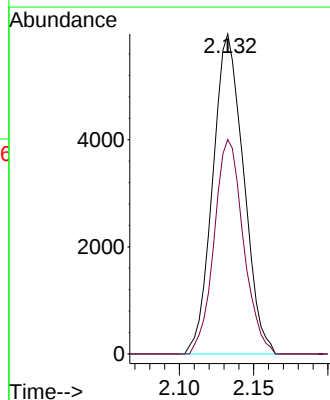
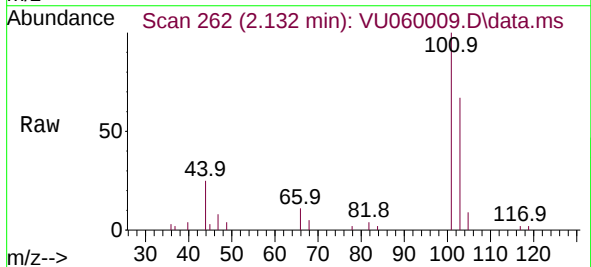
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ClientSampleId :

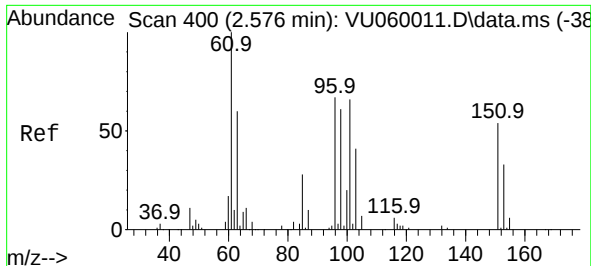
Tgt Ion: 64 Resp: 4715
Ion Ratio Lower Upper
64 100
66 33.5 22.8 42.4



#9
Trichlorofluoromethane
Concen: 0.539 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU060009.D
Acq: 18 Jul 2024 11:04

Tgt Ion:101 Resp: 8613
Ion Ratio Lower Upper
101 100
103 63.7 51.4 77.2

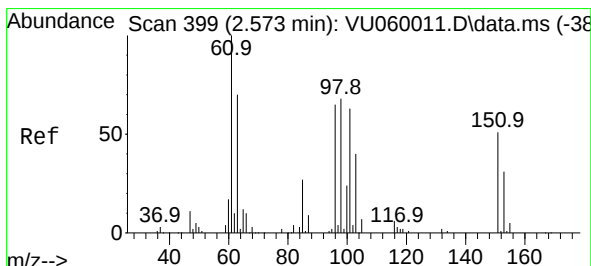
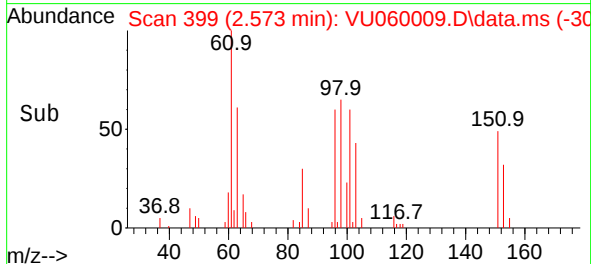
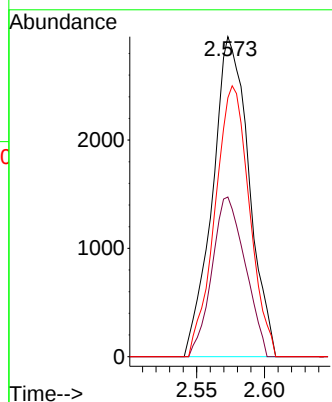
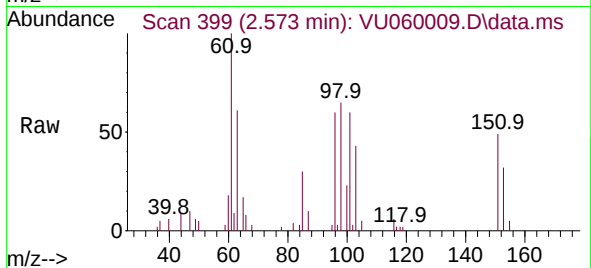




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.541 ug/L
RT: 2.573 min Scan# 30
Delta R.T. -0.003 min
Lab File: VU060009.D
Acq: 18 Jul 2024 11:04

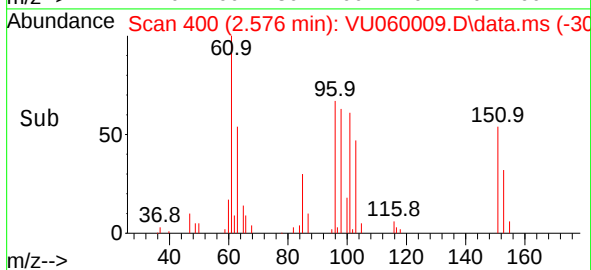
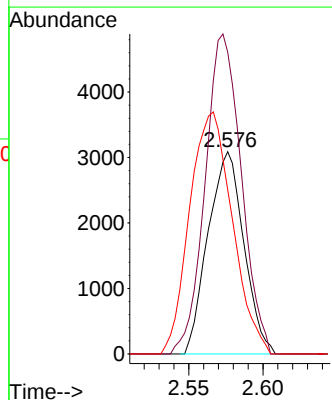
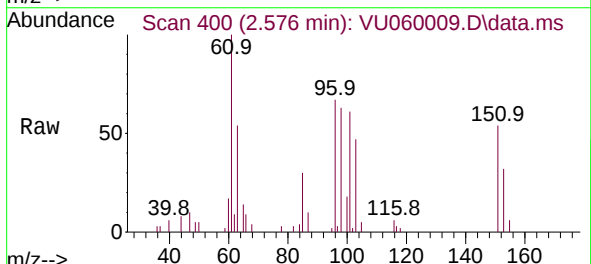
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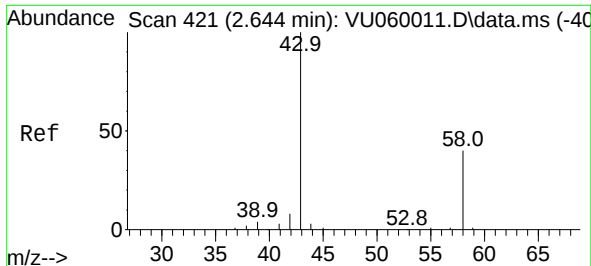
Tgt Ion:101 Resp: 5522
Ion Ratio Lower Upper
101 100
85 45.6 33.2 49.8
151 80.0 61.8 92.8



#12
1,1-Dichloroethene
Concen: 0.554 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU060009.D
Acq: 18 Jul 2024 11:04

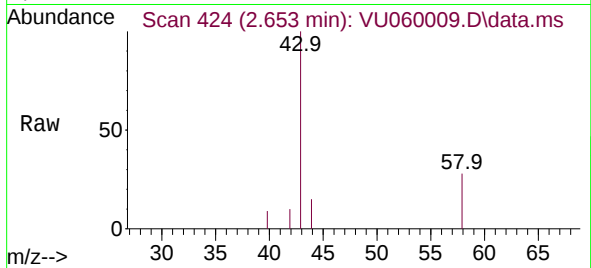
Tgt Ion: 96 Resp: 5170
Ion Ratio Lower Upper
96 100
61 143.8 107.0 198.6
63 78.2 76.4 142.0



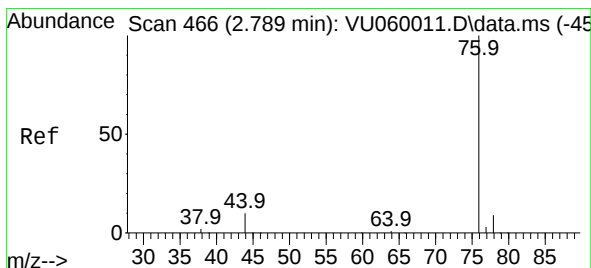
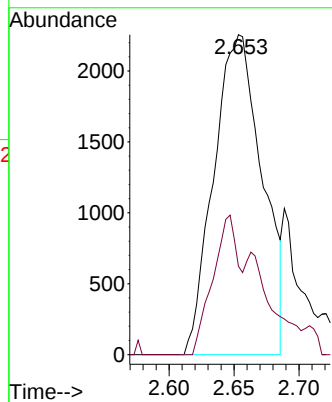
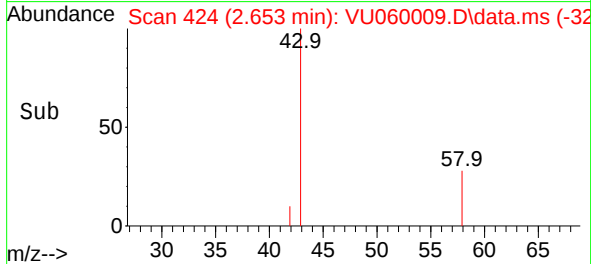


#13
Acetone
Concen: 4.675 ug/L
RT: 2.653 min Scan# 41
Delta R.T. 0.009 min
Lab File: VU060009.D
Acq: 18 Jul 2024 11:04

Instrument :
MSVOA_U
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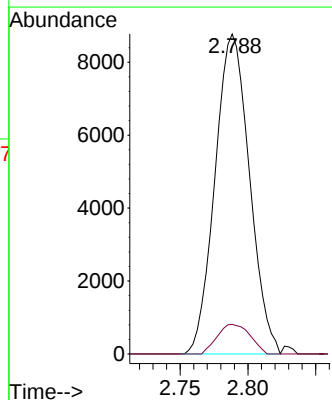
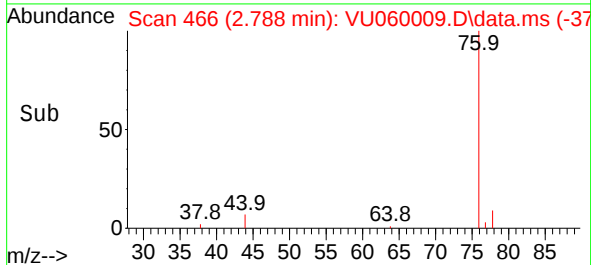
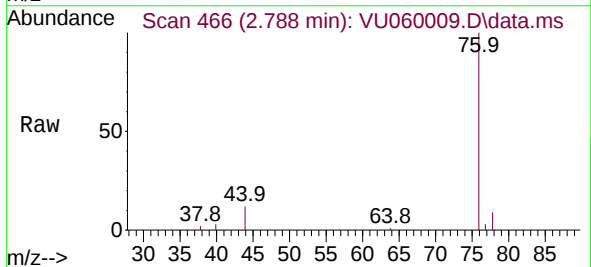


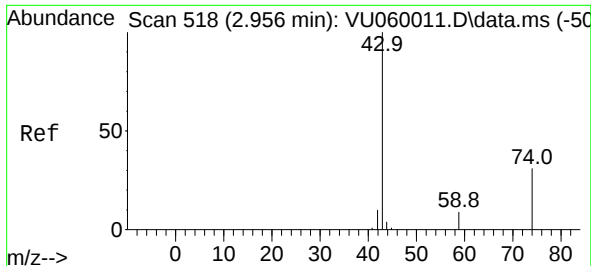
Tgt Ion: 43 Resp: 5853
Ion Ratio Lower Upper
43 100
58 23.5 0.0 82.2



#14
Carbon disulfide
Concen: 0.514 ug/L
RT: 2.788 min Scan# 466
Delta R.T. -0.000 min
Lab File: VU060009.D
Acq: 18 Jul 2024 11:04

Tgt Ion: 76 Resp: 15533
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0





#15

Methyl Acetate

Concen: 0.429 ug/L

RT: 2.962 min Scan# 51

Delta R.T. 0.006 min

Lab File: VU060009.D

Acq: 18 Jul 2024 11:04

Instrument :

MSVOA_U

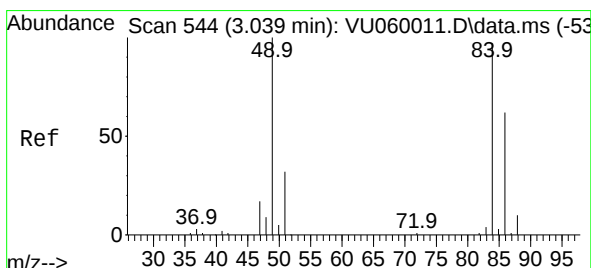
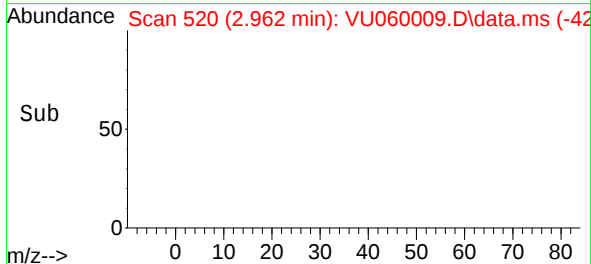
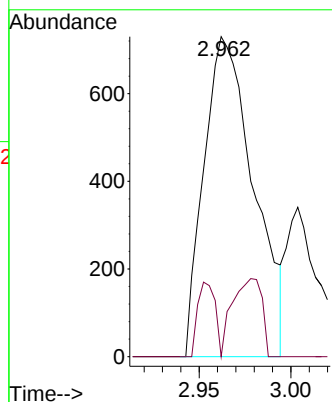
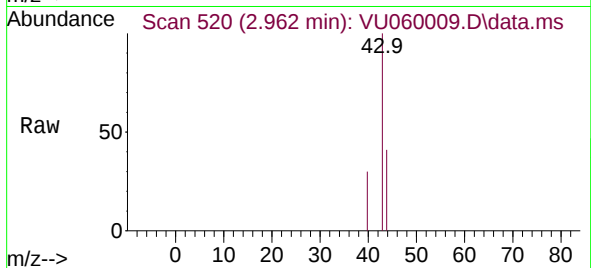
ClientSampleId :

Tgt Ion: 43 Resp: 1375

Ion Ratio Lower Upper

43 100

74 8.1 23.5 35.3#



#16

Methylene chloride

Concen: 0.598 ug/L

RT: 3.046 min Scan# 546

Delta R.T. 0.006 min

Lab File: VU060009.D

Acq: 18 Jul 2024 11:04

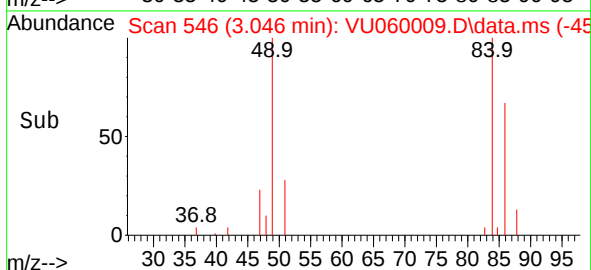
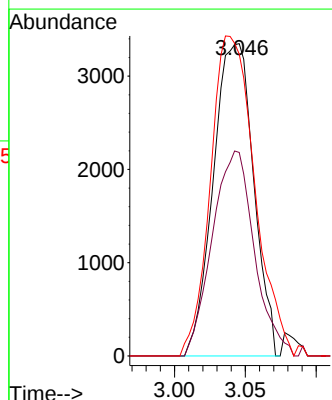
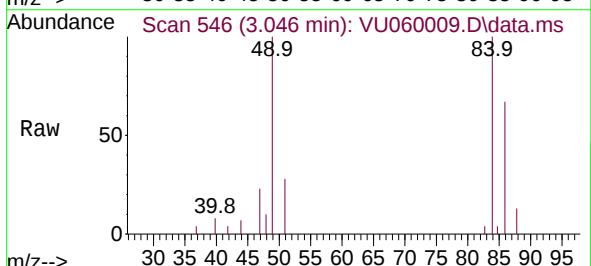
Tgt Ion: 84 Resp: 6635

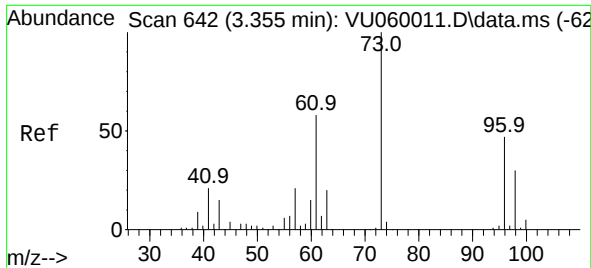
Ion Ratio Lower Upper

84 100

86 65.2 44.4 82.5

49 96.7 72.0 133.6

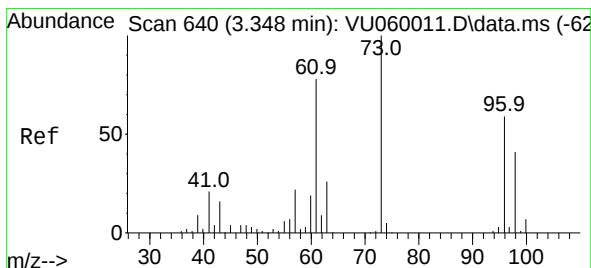
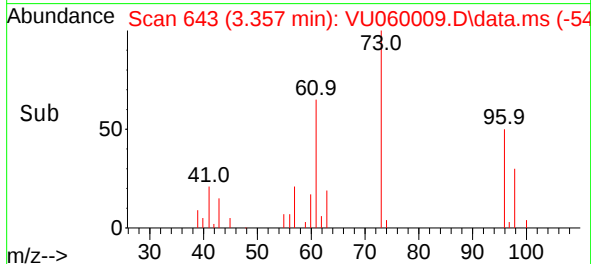
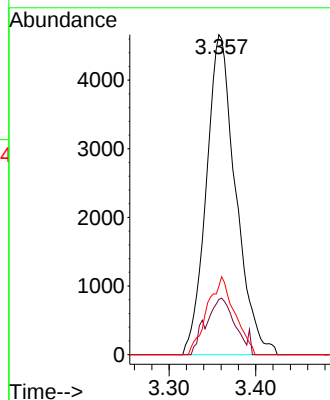
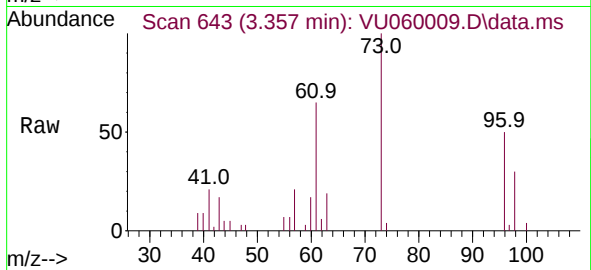




#17
Methyl tert-butyl Ether
Concen: 0.540 ug/L
RT: 3.357 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU060009.D
Acq: 18 Jul 2024 11:04

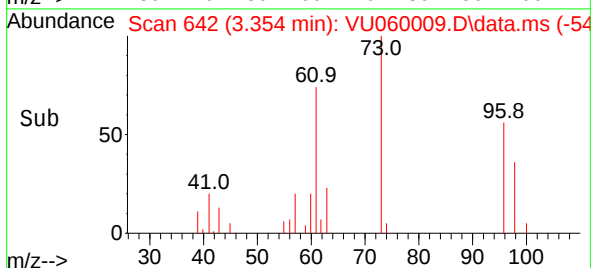
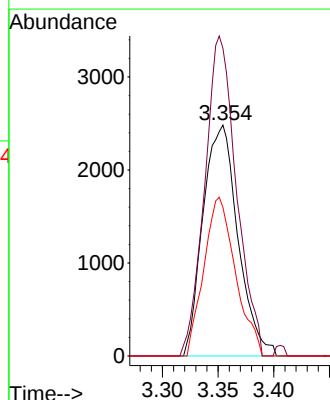
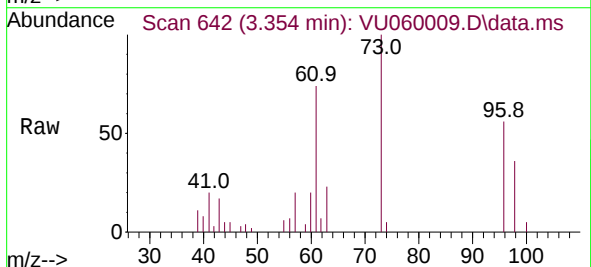
Instrument :
MSVOA_U
ClientSampleId :

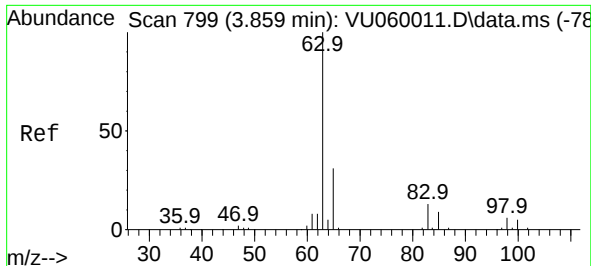
Tgt Ion: 73 Resp: 10972
Ion Ratio Lower Upper
73 100
43 14.9 13.1 19.7
57 22.8 17.0 25.4



#18
trans-1,2-Dichloroethene
Concen: 0.562 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.006 min
Lab File: VU060009.D
Acq: 18 Jul 2024 11:04

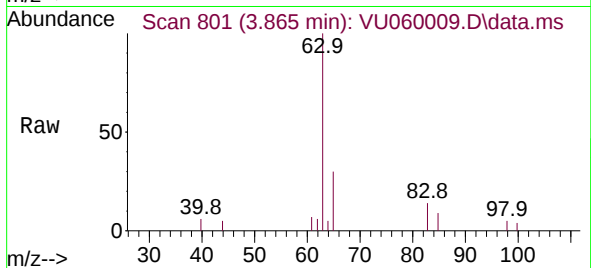
Tgt Ion: 96 Resp: 5417
Ion Ratio Lower Upper
96 100
61 133.2 91.6 170.0
98 64.4 47.7 88.5



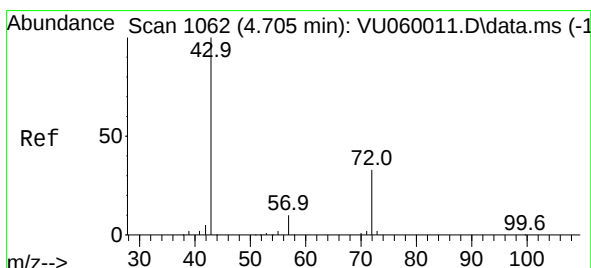
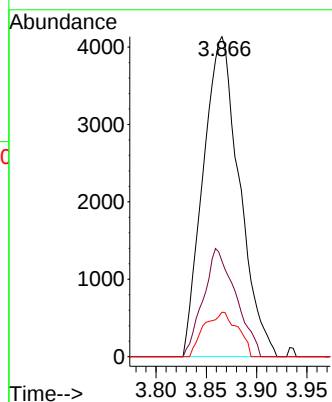
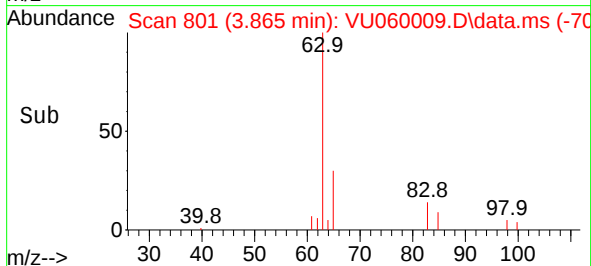


#19
1,1-Dichloroethane
Concen: 0.577 ug/L
RT: 3.865 min Scan# 801
Delta R.T. 0.006 min
Lab File: VU060009.D
Acq: 18 Jul 2024 11:04

Instrument :
MSVOA_U
ClientSampleId :

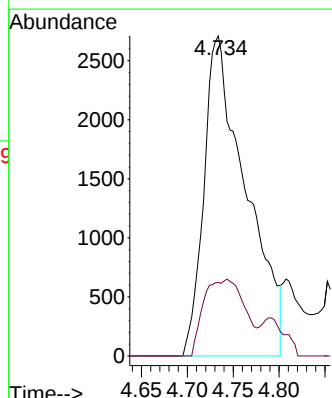
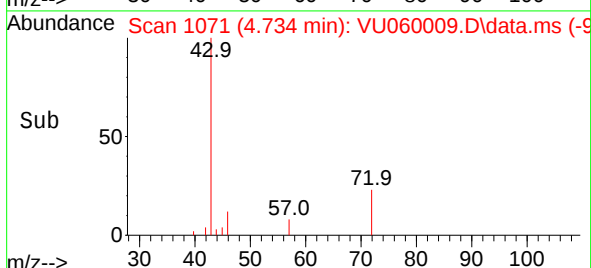
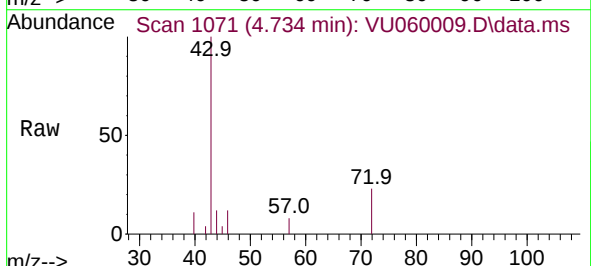


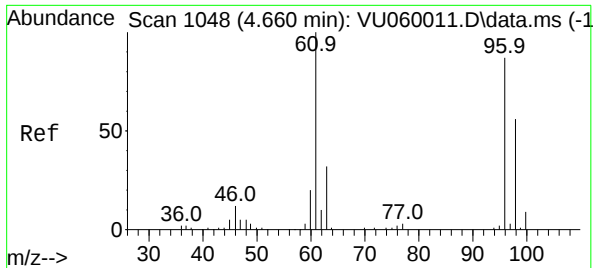
Tgt Ion: 63 Resp: 10343
Ion Ratio Lower Upper
63 100
65 29.9 22.0 40.8
83 13.9 9.7 17.9



#21
2-Butanone
Concen: 4.331 ug/L
RT: 4.734 min Scan# 1071
Delta R.T. 0.029 min
Lab File: VU060009.D
Acq: 18 Jul 2024 11:04

Tgt Ion: 43 Resp: 8606
Ion Ratio Lower Upper
43 100
72 23.5 16.3 48.9

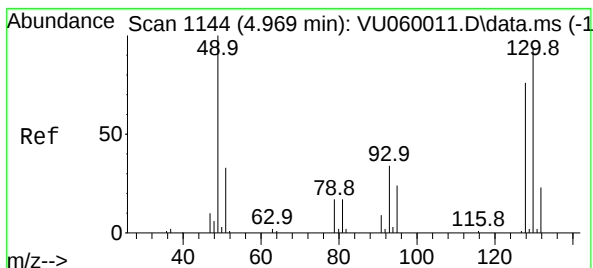
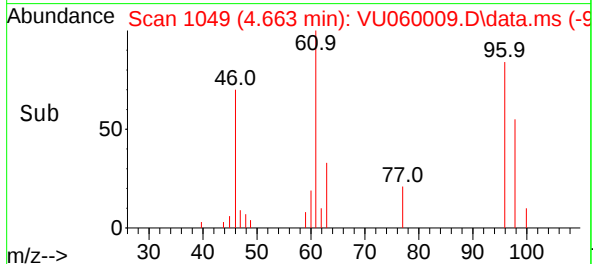
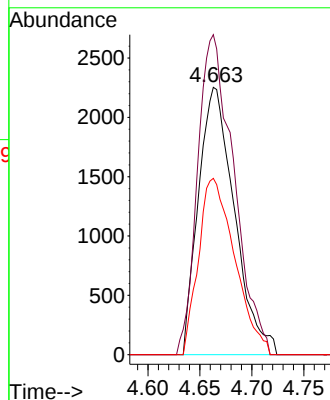
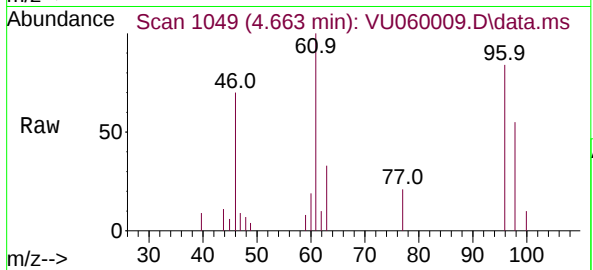




#22
cis-1,2-Dichloroethene
Concen: 0.507 ug/L
RT: 4.663 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU060009.D
Acq: 18 Jul 2024 11:04

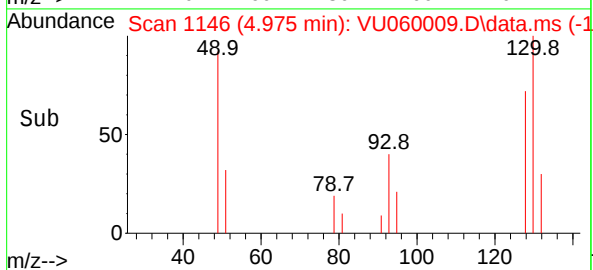
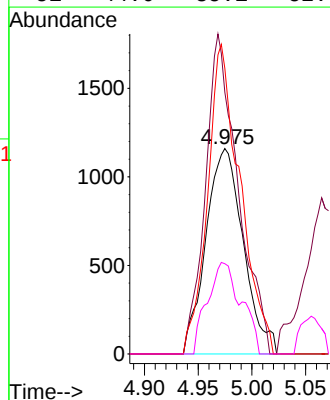
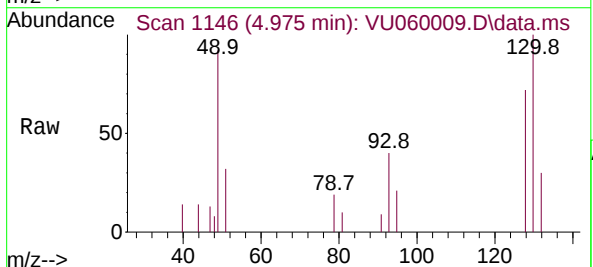
Instrument :
MSVOA_U
ClientSampleId :

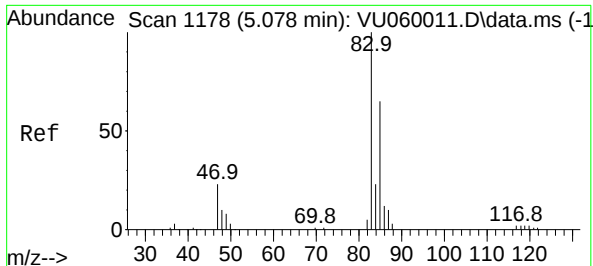
Tgt Ion: 96 Resp: 5427
Ion Ratio Lower Upper
96 100
61 119.7 80.2 148.9
98 65.9 44.7 83.1



#23
Bromochloromethane
Concen: 0.571 ug/L
RT: 4.975 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VU060009.D
Acq: 18 Jul 2024 11:04

Tgt Ion: 128 Resp: 2809
Ion Ratio Lower Upper
128 100
49 127.4 92.3 171.3
130 139.1 87.1 161.7
51 44.0 35.1 52.7





#25

Chloroform

Concen: 0.638 ug/L

RT: 5.081 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU060009.D

Acq: 18 Jul 2024 11:04

Instrument :

MSVOA_U

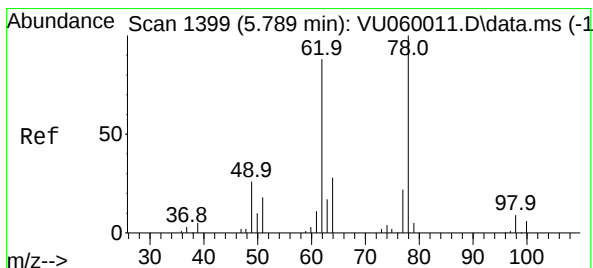
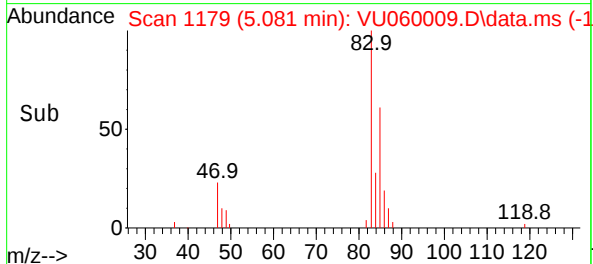
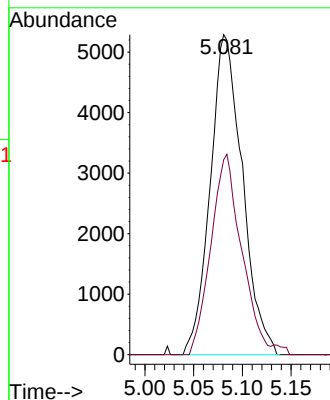
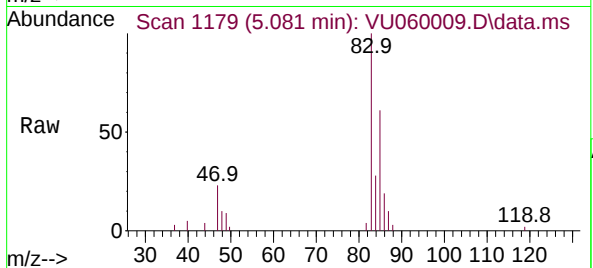
ClientSampleId :

Tgt Ion: 83 Resp: 12126

Ion Ratio Lower Upper

83 100

85 60.9 45.4 84.2



#27

1,2-Dichloroethane

Concen: 0.558 ug/L

RT: 5.791 min Scan# 1400

Delta R.T. 0.003 min

Lab File: VU060009.D

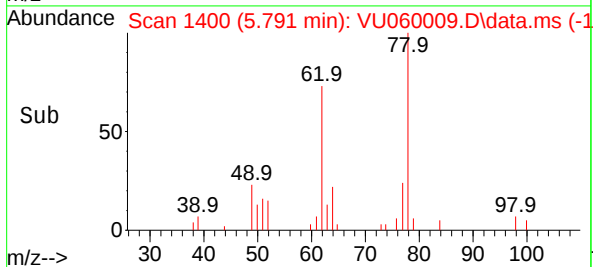
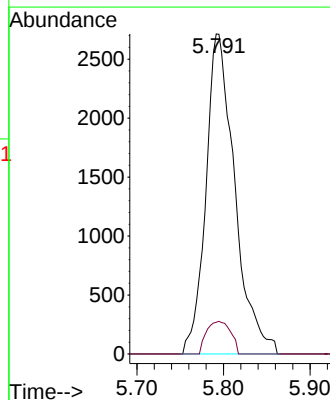
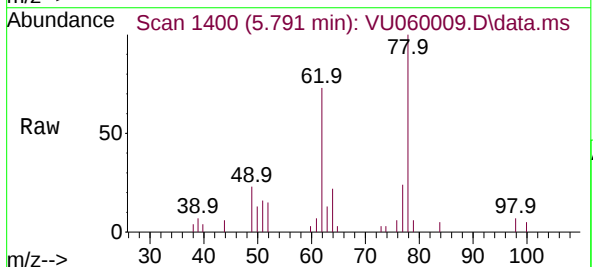
Acq: 18 Jul 2024 11:04

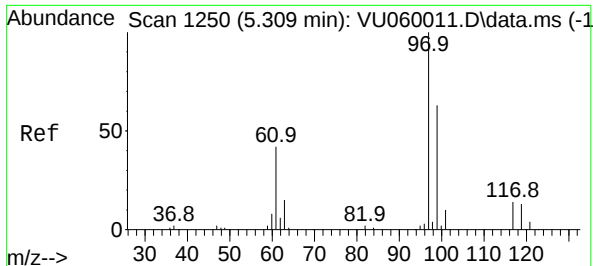
Tgt Ion: 62 Resp: 6294

Ion Ratio Lower Upper

62 100

98 9.9 7.9 11.9

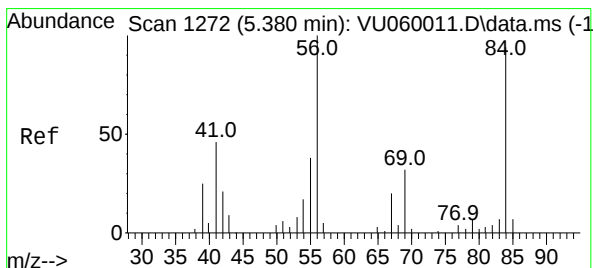
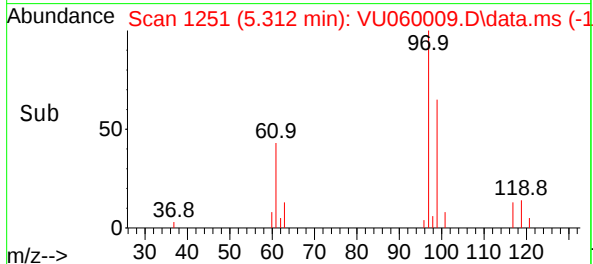
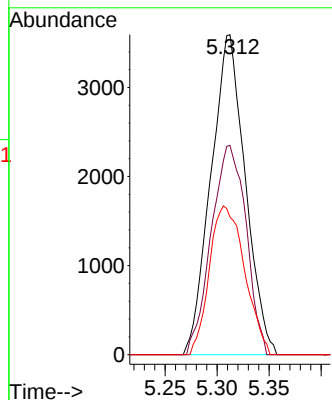
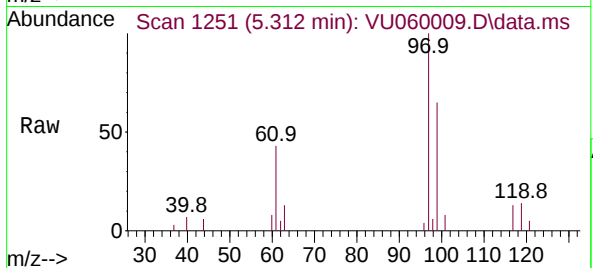




#29
1,1,1-Trichloroethane
Concen: 0.517 ug/L
RT: 5.312 min Scan# 1251
Delta R.T. 0.003 min
Lab File: VU060009.D
Acq: 18 Jul 2024 11:04

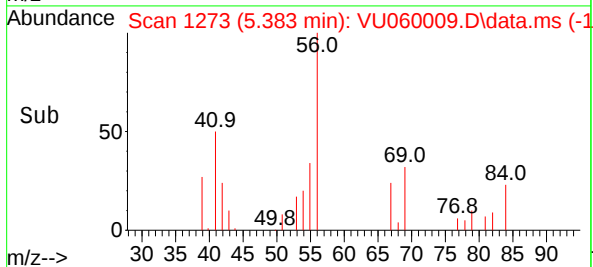
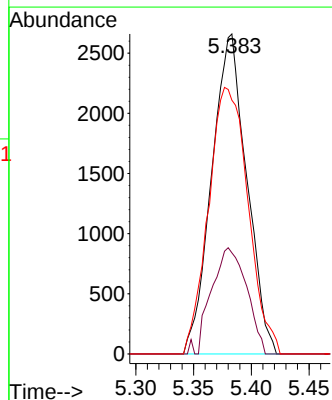
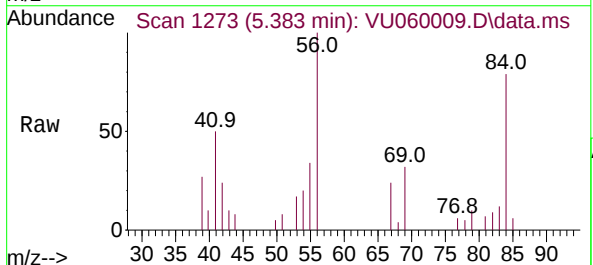
Instrument :
MSVOA_U
ClientSampleId :

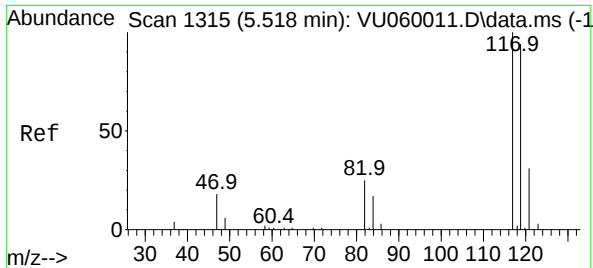
Tgt Ion: 97	Resp: 8258
Ion Ratio	Lower Upper
97 100	
99 66.3	51.0 76.4
61 47.5	34.1 51.1



#30
Cyclohexane
Concen: 0.411 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. 0.003 min
Lab File: VU060009.D
Acq: 18 Jul 2024 11:04

Tgt Ion: 56	Resp: 5616
Ion Ratio	Lower Upper
56 100	
69 33.3	26.6 39.8
84 93.7	77.2 115.8

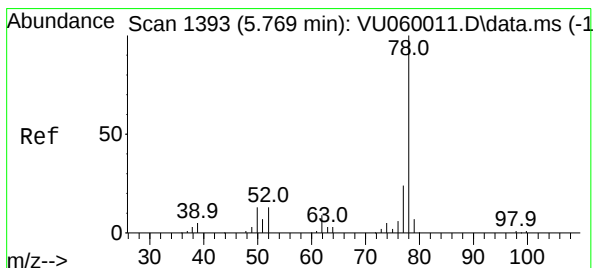
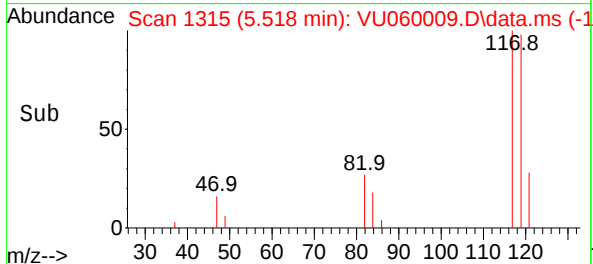
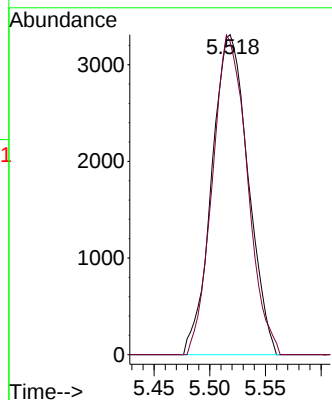
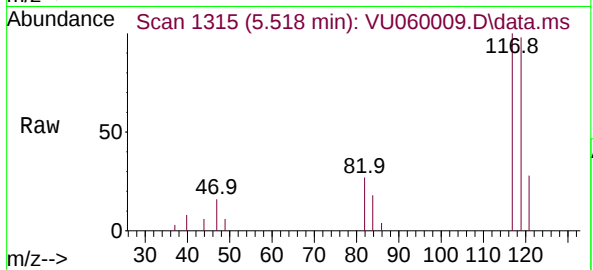




#31
Carbon tetrachloride
Concen: 0.560 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VU060009.D
Acq: 18 Jul 2024 11:04

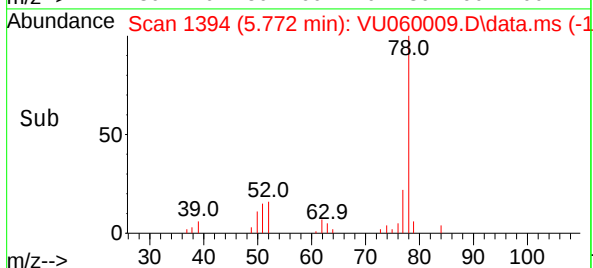
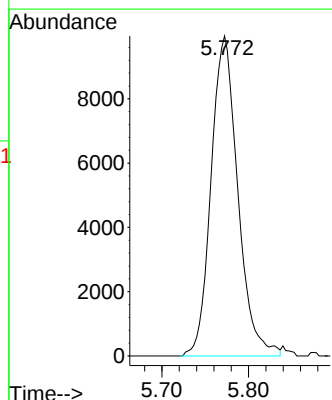
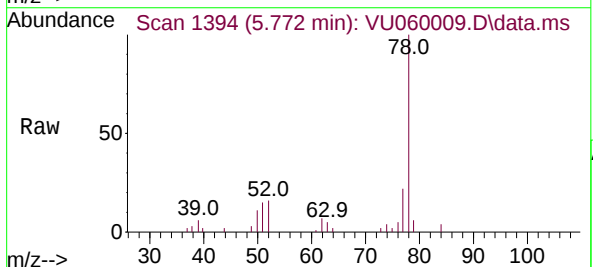
Instrument :
MSVOA_U
ClientSampleId :

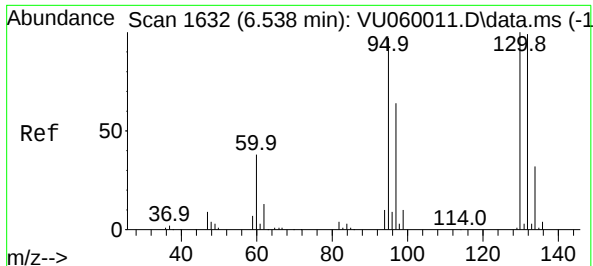
Tgt Ion:117 Resp: 7519
Ion Ratio Lower Upper
117 100
119 95.5 75.6 113.4



#33
Benzene
Concen: 0.509 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. 0.003 min
Lab File: VU060009.D
Acq: 18 Jul 2024 11:04

Tgt Ion: 78 Resp: 21343





#34

Trichloroethene

Concen: 0.519 ug/L

RT: 6.544 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU060009.D

Acq: 18 Jul 2024 11:04

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 5834

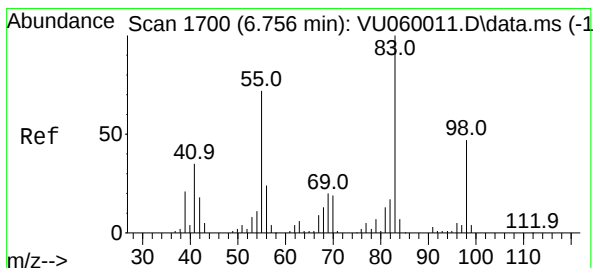
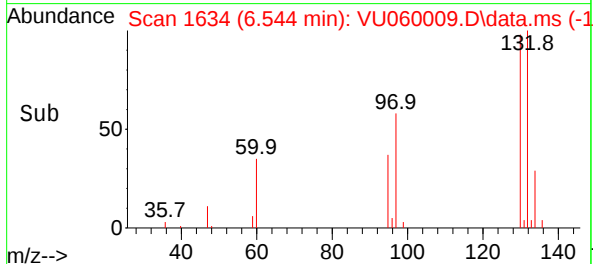
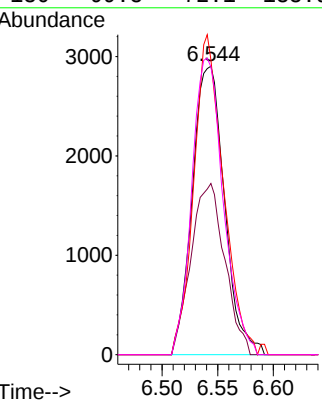
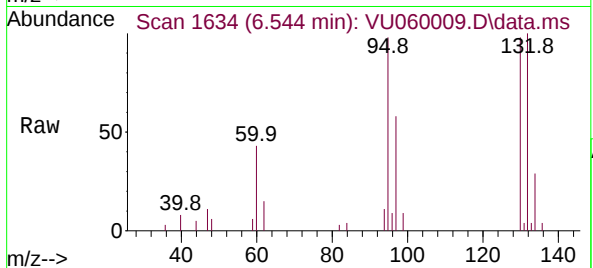
Ion Ratio Lower Upper

95 100

97 59.4 45.9 85.3

132 102.2 71.4 132.6

130 99.8 72.1 133.9



#35

Methylcyclohexane

Concen: 0.414 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VU060009.D

Acq: 18 Jul 2024 11:04

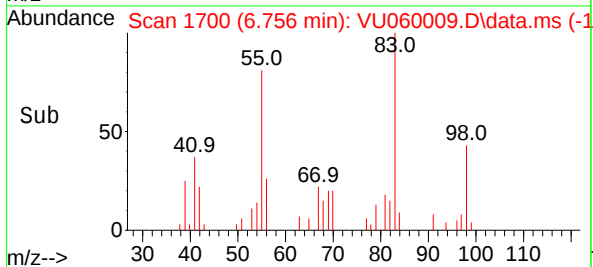
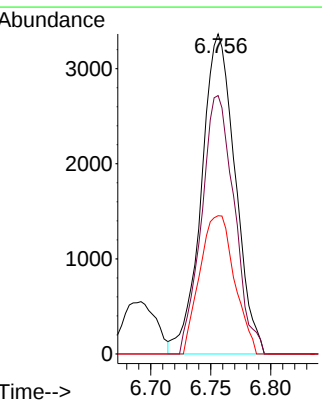
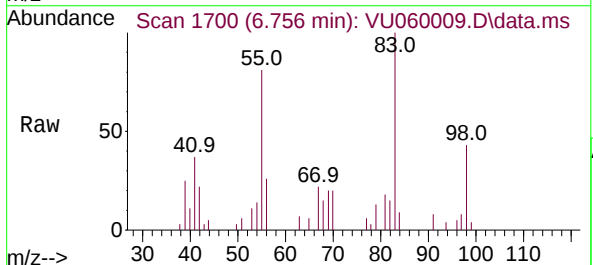
Tgt Ion: 83 Resp: 6573

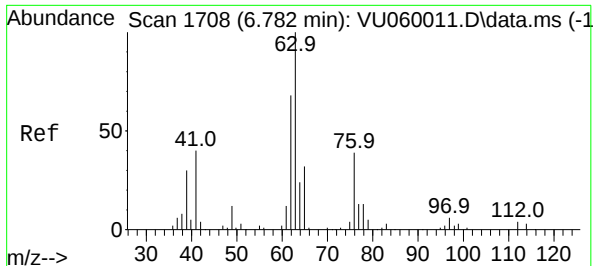
Ion Ratio Lower Upper

83 100

55 78.5 56.7 85.1

98 44.4 36.6 55.0





#37

1,2-Dichloropropane

Concen: 0.577 ug/L

RT: 6.785 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU060009.D

Acq: 18 Jul 2024 11:04

Instrument :

MSVOA_U

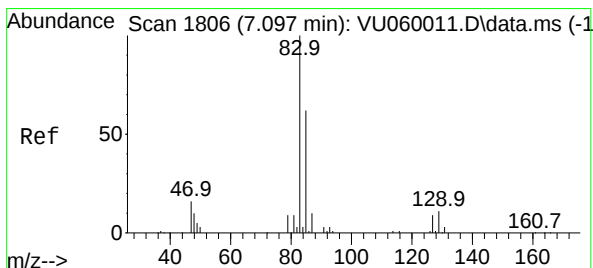
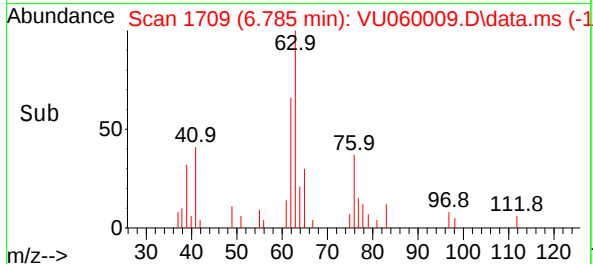
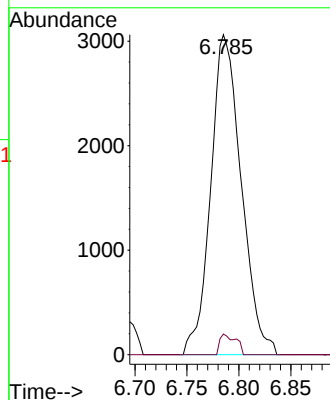
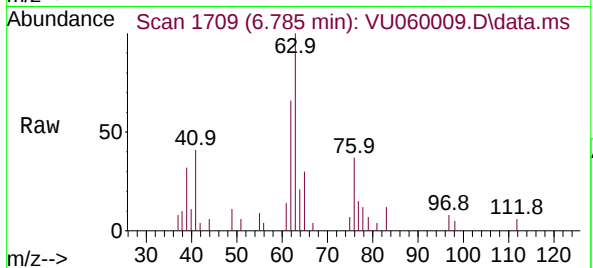
ClientSampleId :

Tgt Ion: 63 Resp: 6255

Ion Ratio Lower Upper

63 100

112 3.4 3.3 4.9



#38

Bromodichloromethane

Concen: 0.589 ug/L

RT: 7.100 min Scan# 1807

Delta R.T. 0.003 min

Lab File: VU060009.D

Acq: 18 Jul 2024 11:04

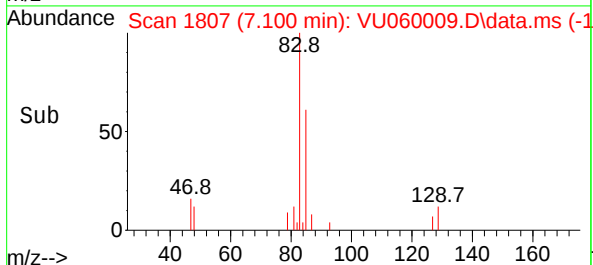
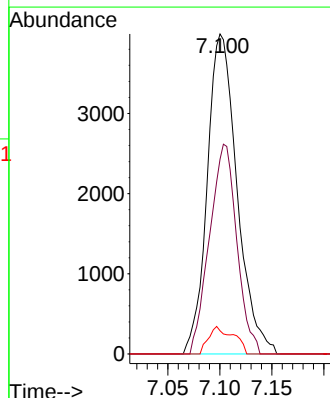
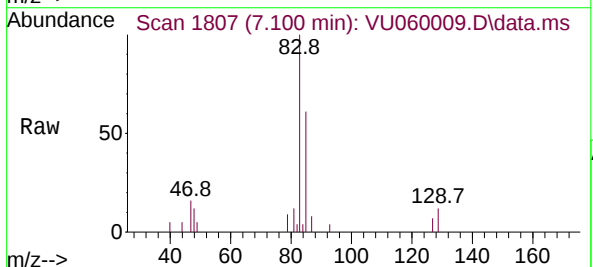
Tgt Ion: 83 Resp: 7977

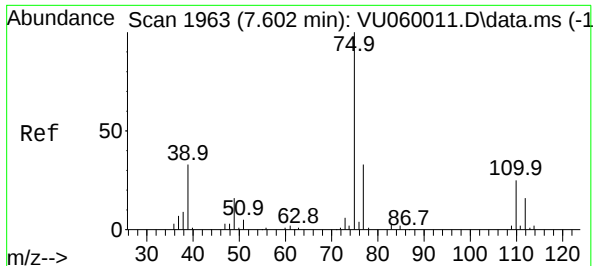
Ion Ratio Lower Upper

83 100

85 60.8 43.5 80.7

127 7.3 7.1 10.7

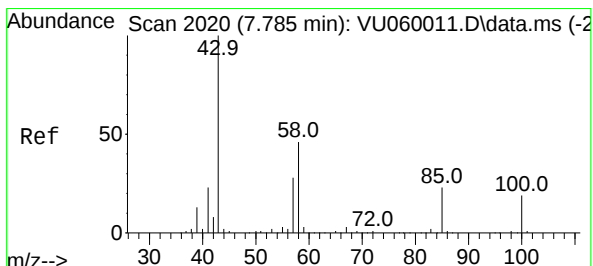
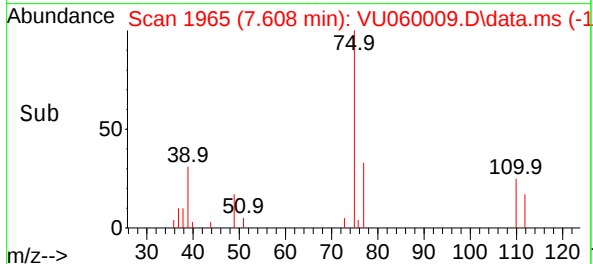
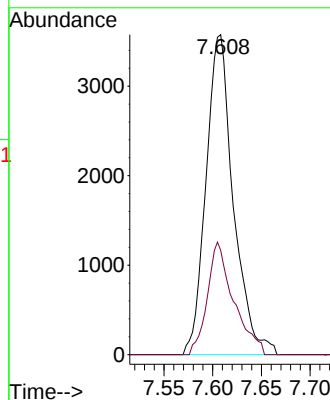
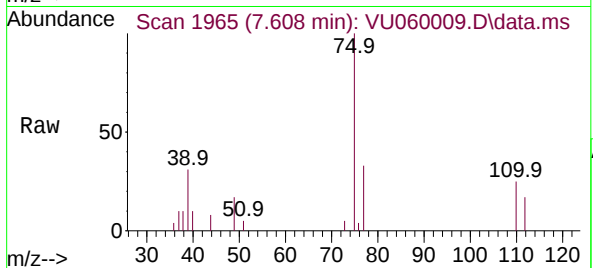




#39
 cis-1,3-Dichloropropene
 Concen: 0.473 ug/L
 RT: 7.608 min Scan# 1963
 Delta R.T. 0.006 min
 Lab File: VU060009.D
 Acq: 18 Jul 2024 11:04

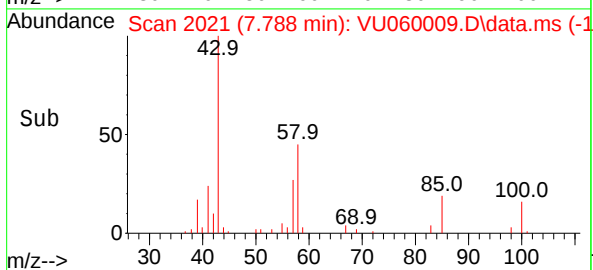
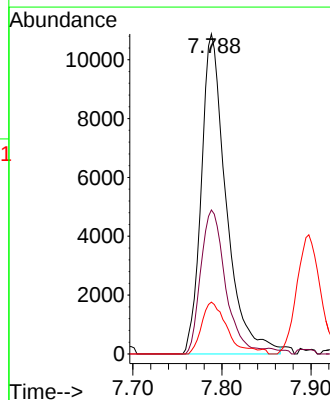
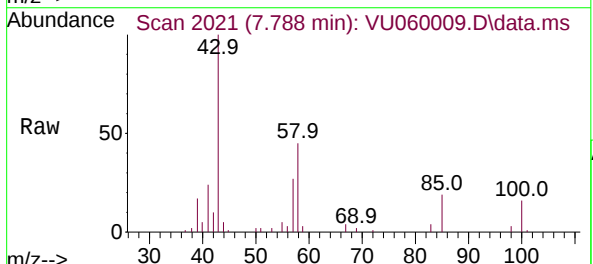
Instrument :
 MSVOA_U
 ClientSampleId :

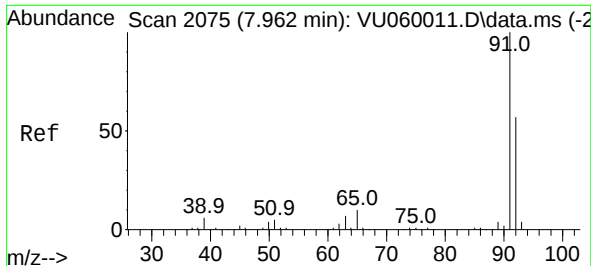
Tgt Ion: 75 Resp: 6978
 Ion Ratio Lower Upper
 75 100
 77 32.6 23.2 43.2



#40
 4-Methyl-2-pentanone
 Concen: 4.219 ug/L
 RT: 7.788 min Scan# 2021
 Delta R.T. 0.003 min
 Lab File: VU060009.D
 Acq: 18 Jul 2024 11:04

Tgt Ion: 43 Resp: 21122
 Ion Ratio Lower Upper
 43 100
 58 44.8 36.0 54.0
 100 16.8 14.9 22.3





#42

Toluene

Concen: 0.475 ug/L

RT: 7.968 min Scan# 21092

Delta R.T. 0.006 min

Lab File: VU060009.D

Acq: 18 Jul 2024 11:04

Instrument :

MSVOA_U

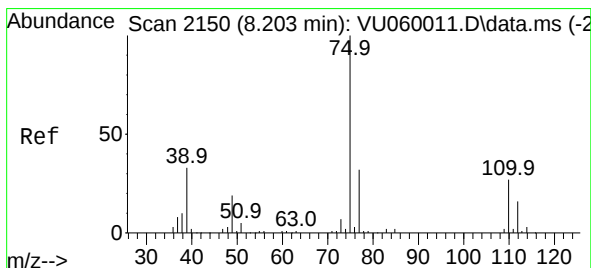
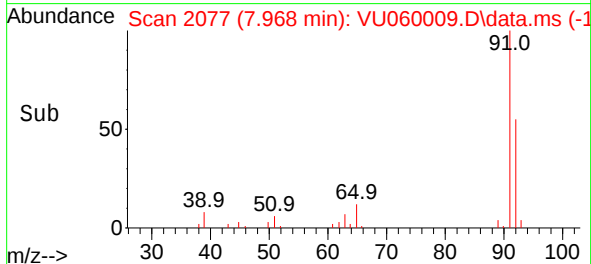
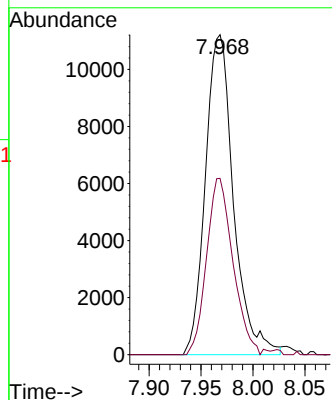
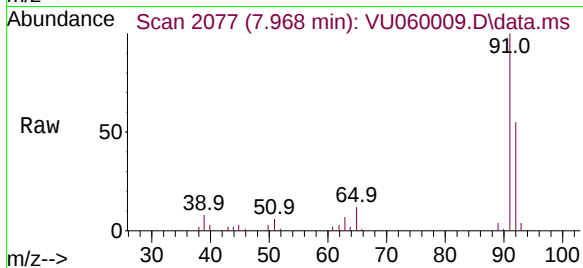
ClientSampleId :

Tgt Ion: 91 Resp: 21092

Ion Ratio Lower Upper

91 100

92 55.1 39.8 73.8



#44

trans-1,3-Dichloropropene

Concen: 0.514 ug/L

RT: 8.209 min Scan# 2152

Delta R.T. 0.006 min

Lab File: VU060009.D

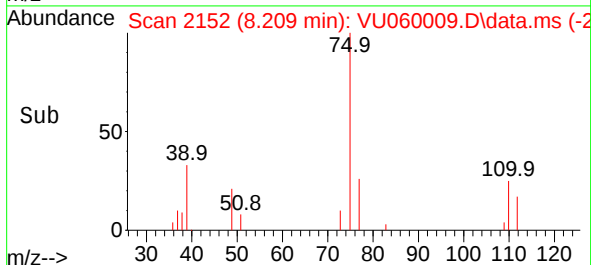
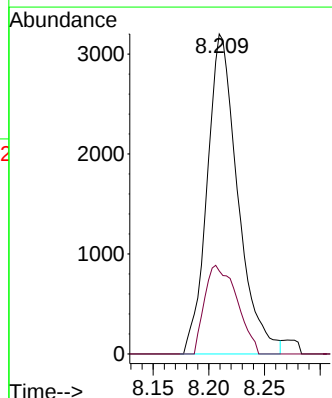
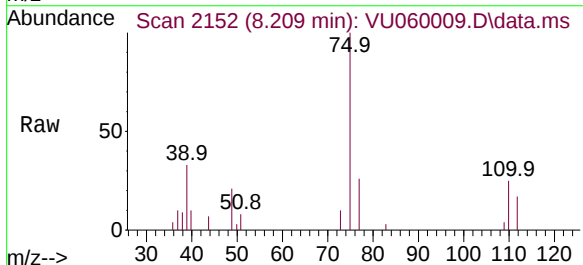
Acq: 18 Jul 2024 11:04

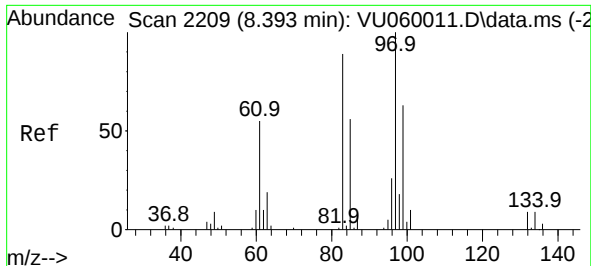
Tgt Ion: 75 Resp: 6122

Ion Ratio Lower Upper

75 100

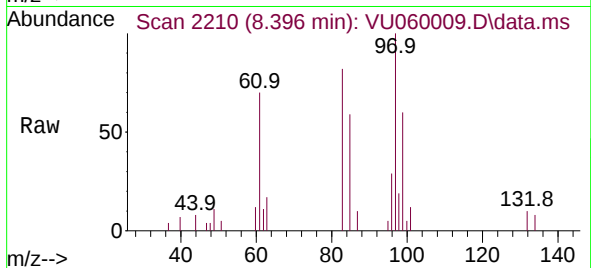
77 25.9 22.6 42.0



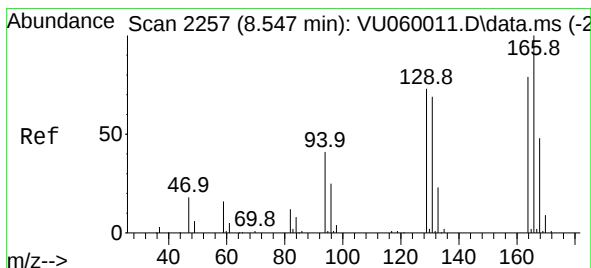
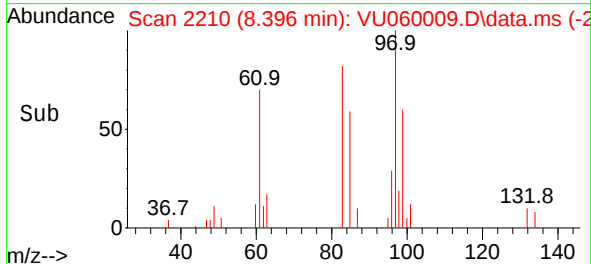
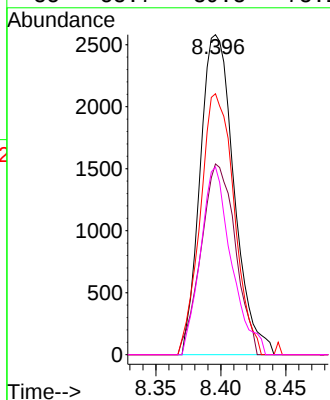


#45
1,1,2-Trichloroethane
Concen: 0.580 ug/L
RT: 8.396 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU060009.D
Acq: 18 Jul 2024 11:04

Instrument :
MSVOA_U
ClientSampleId :

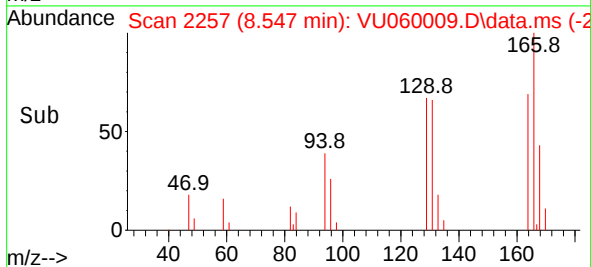
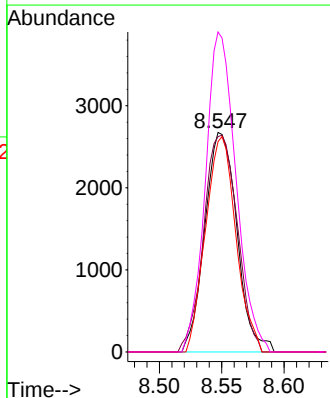
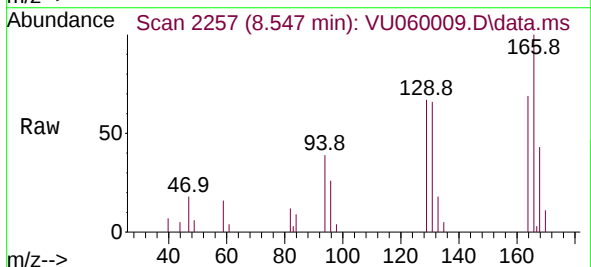


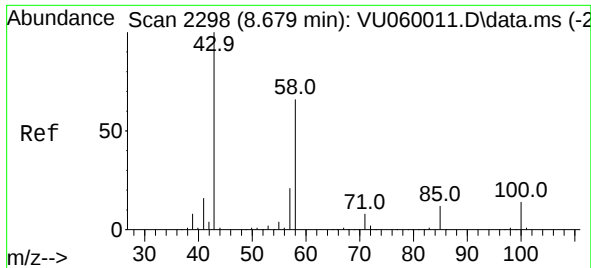
Tgt Ion:	97	Resp:	4678
Ion	Ratio	Lower	Upper
97	100		
99	59.6	43.8	81.4
83	81.6	62.1	115.3
85	58.7	39.3	73.1



#47
Tetrachloroethene
Concen: 0.537 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU060009.D
Acq: 18 Jul 2024 11:04

Tgt Ion:	164	Resp:	4789
Ion	Ratio	Lower	Upper
164	100		
129	98.1	64.6	120.0
131	95.9	61.2	113.8
166	145.8	88.6	164.6

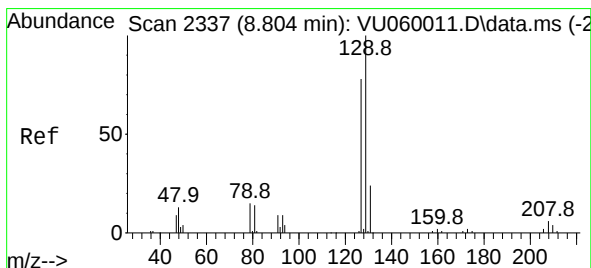
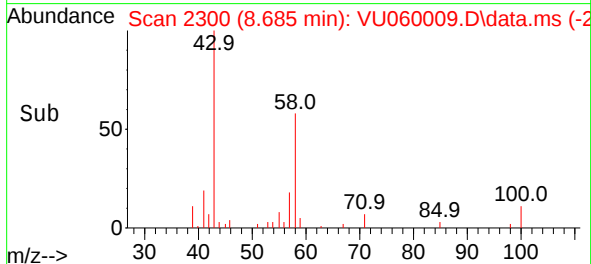
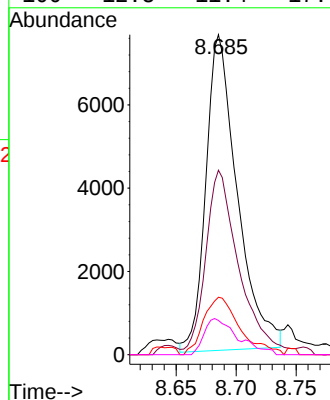
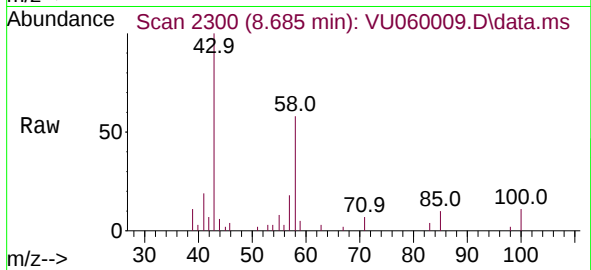




#48
2-Hexanone
Concen: 3.868 ug/L
RT: 8.685 min Scan# 24
Delta R.T. 0.006 min
Lab File: VU060009.D
Acq: 18 Jul 2024 11:04

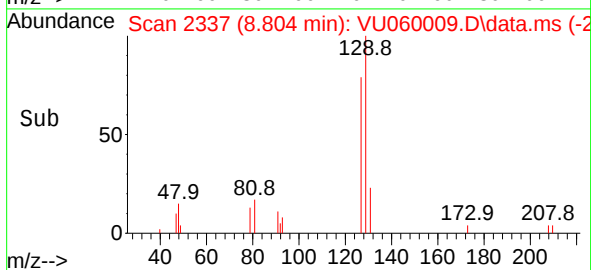
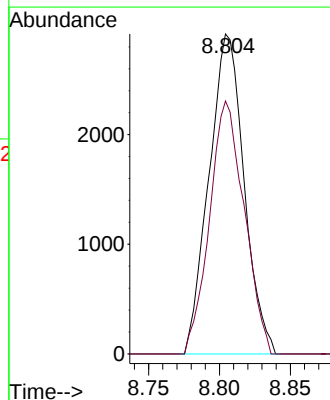
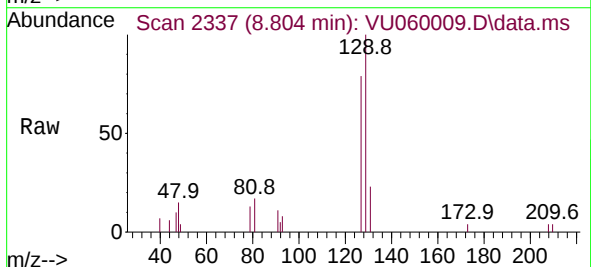
Instrument :
MSVOA_U
ClientSampleId :

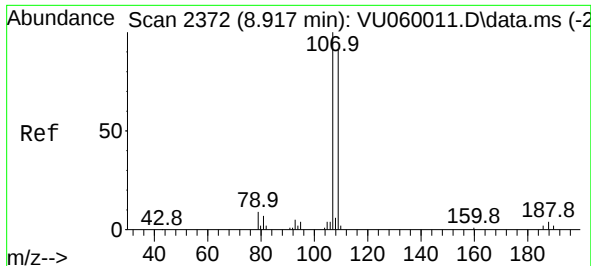
Tgt Ion:	43	Resp:	13822
Ion	Ratio	Lower	Upper
43	100		
58	58.8	52.6	78.8
57	21.0	17.8	26.8
100	12.3	11.4	17.0



#49
Dibromochloromethane
Concen: 0.557 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU060009.D
Acq: 18 Jul 2024 11:04

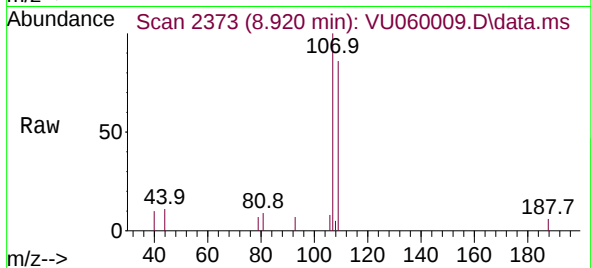
Tgt Ion:	129	Resp:	5021
Ion	Ratio	Lower	Upper
129	100		
127	79.0	54.6	101.4



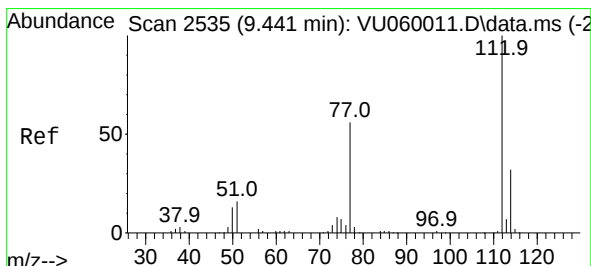
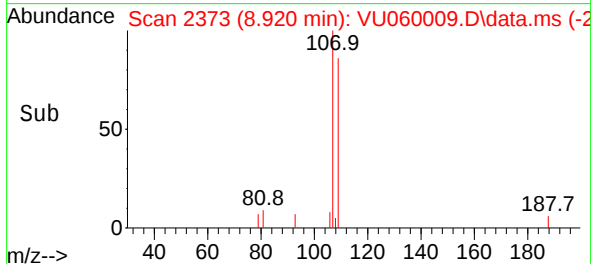
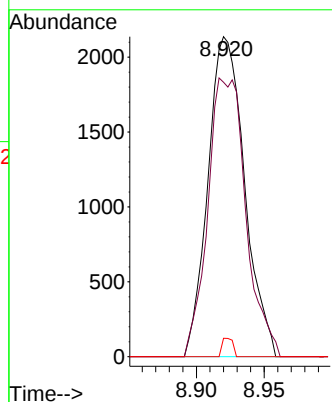


#50
1,2-Dibromoethane
Concen: 0.540 ug/L
RT: 8.920 min Scan# 241
Delta R.T. 0.003 min
Lab File: VU060009.D
Acq: 18 Jul 2024 11:04

Instrument :
MSVOA_U
ClientSampleId :

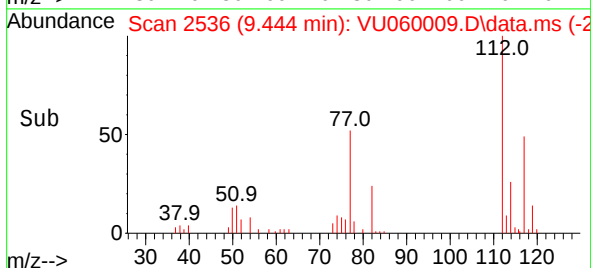
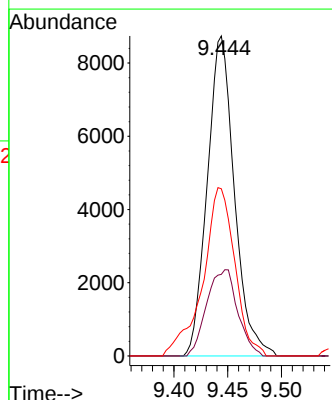
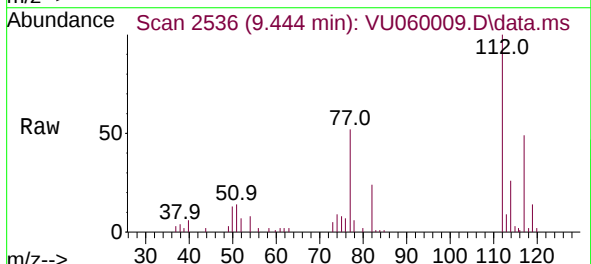


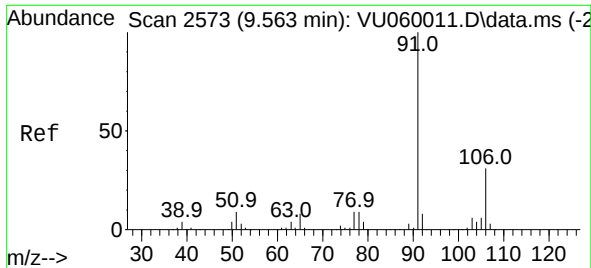
Tgt Ion:107 Resp: 4016
Ion Ratio Lower Upper
107 100
109 85.8 64.0 118.8
188 5.8 3.0 4.6#



#51
Chlorobenzene
Concen: 0.544 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. 0.003 min
Lab File: VU060009.D
Acq: 18 Jul 2024 11:04

Tgt Ion:112 Resp: 15332
Ion Ratio Lower Upper
112 100
114 25.5 22.1 41.1
77 52.2 44.7 67.1

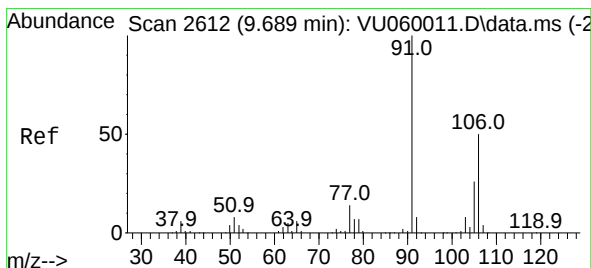
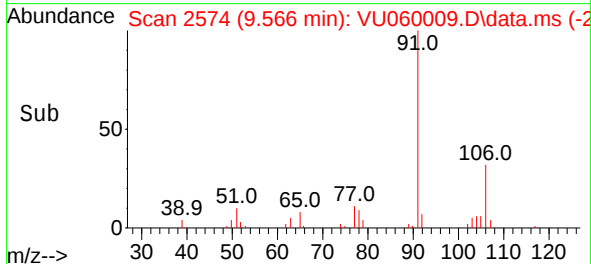
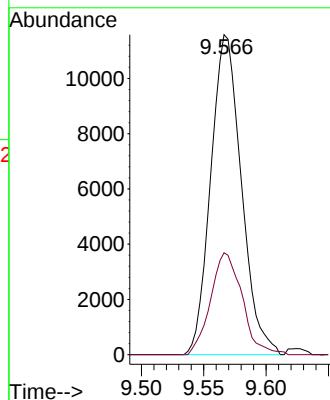
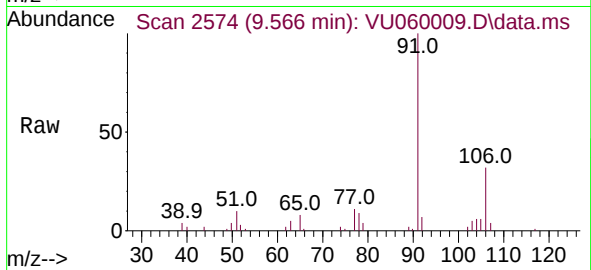




#52
Ethylbenzene
Concen: 0.437 ug/L
RT: 9.566 min Scan# 2573
Delta R.T. 0.003 min
Lab File: VU060009.D
Acq: 18 Jul 2024 11:04

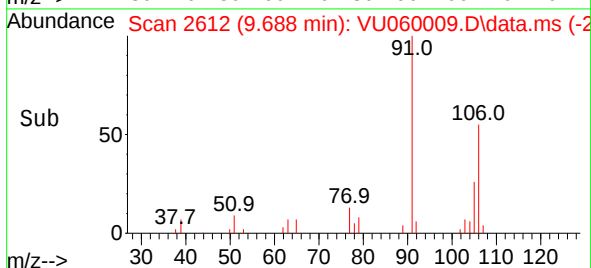
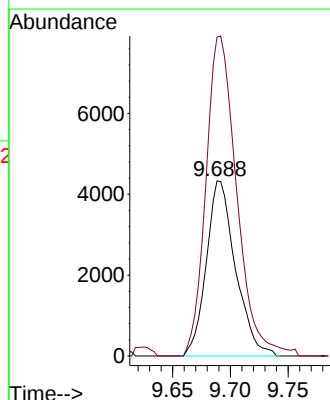
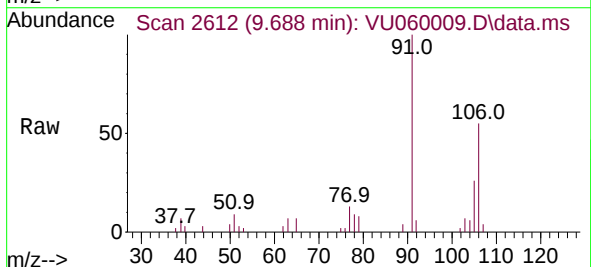
Instrument :
MSVOA_U
ClientSampleId :

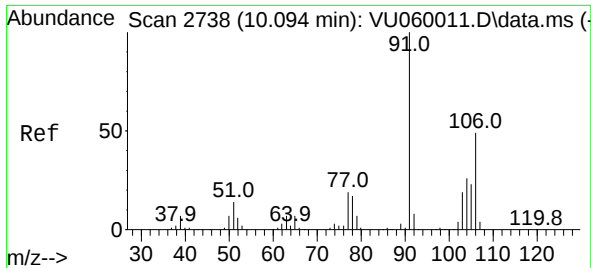
Tgt Ion: 91 Resp: 19793
Ion Ratio Lower Upper
91 100
106 31.9 21.9 40.7



#53
m,p-Xylene
Concen: 0.437 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU060009.D
Acq: 18 Jul 2024 11:04

Tgt Ion:106 Resp: 7613
Ion Ratio Lower Upper
106 100
91 182.1 141.3 262.5

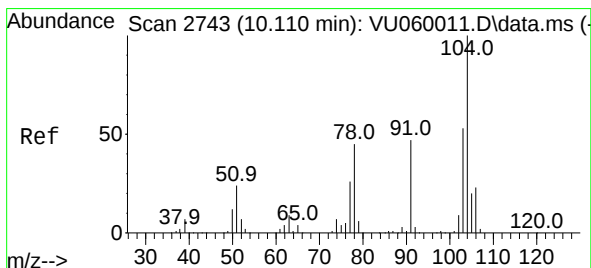
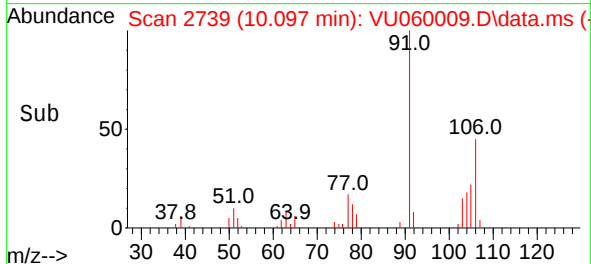
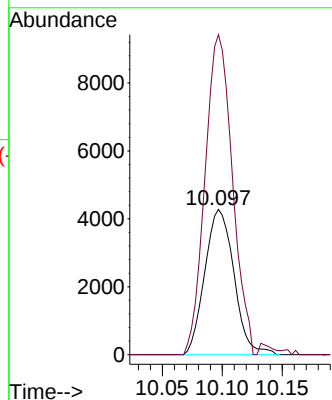
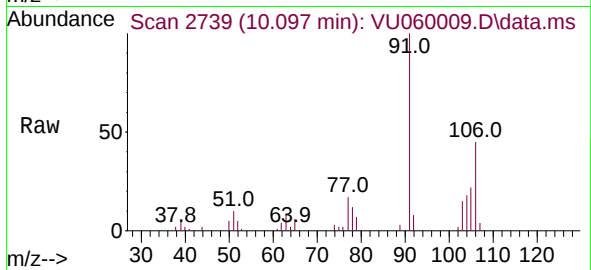




#54
o-Xylene
Concen: 0.436 ug/L
RT: 10.097 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU060009.D
Acq: 18 Jul 2024 11:04

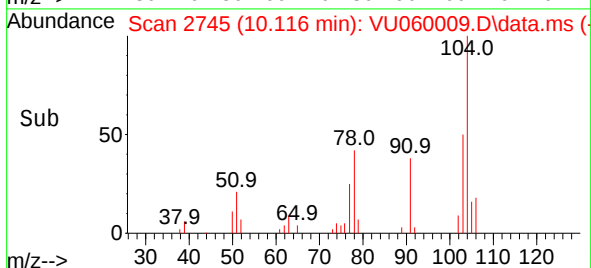
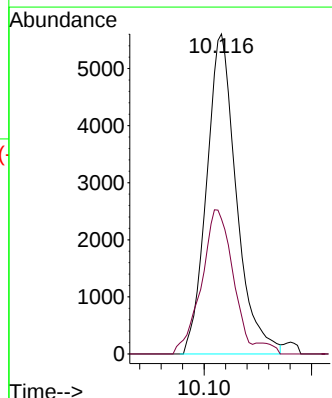
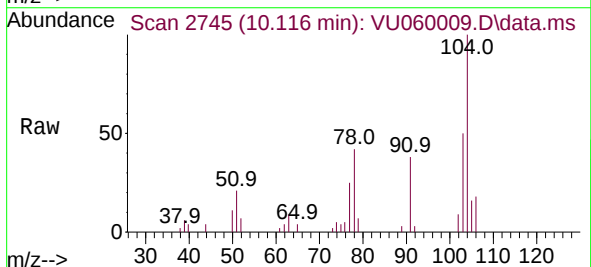
Instrument :
MSVOA_U
ClientSampleId :

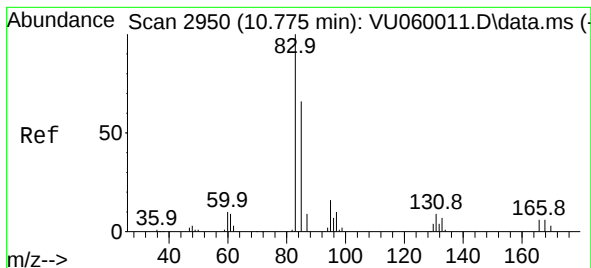
Tgt Ion:106 Resp: 7242
Ion Ratio Lower Upper
106 100
91 220.3 143.6 266.6



#55
Styrene
Concen: 0.382 ug/L
RT: 10.116 min Scan# 2745
Delta R.T. 0.006 min
Lab File: VU060009.D
Acq: 18 Jul 2024 11:04

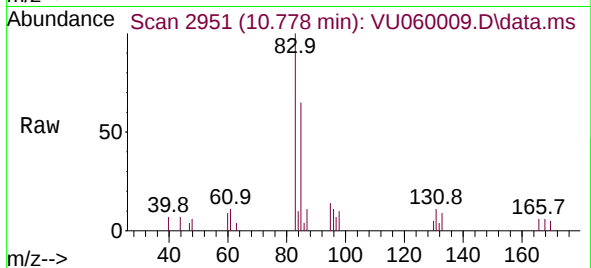
Tgt Ion:104 Resp: 10781
Ion Ratio Lower Upper
104 100
78 42.1 31.4 58.4



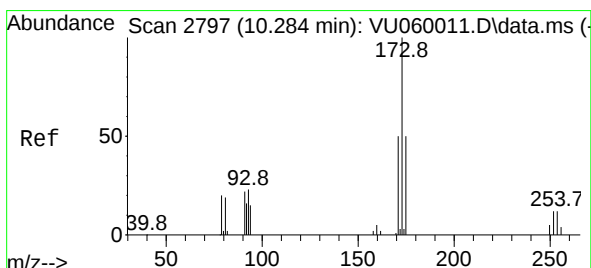
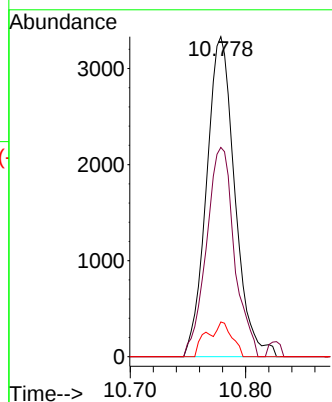
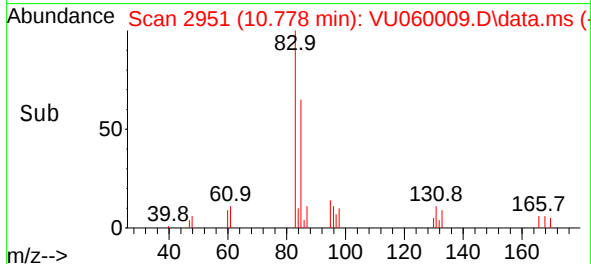


#57
1,1,2,2-Tetrachloroethane
Concen: 0.577 ug/L
RT: 10.778 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VU060009.D
Acq: 18 Jul 2024 11:04

Instrument :
MSVOA_U
ClientSampleId :

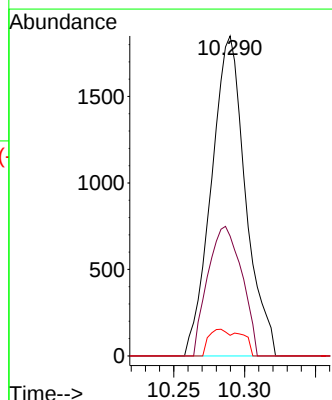
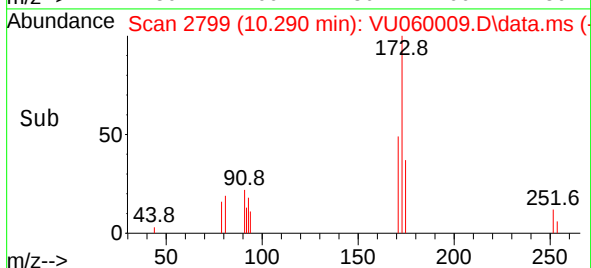
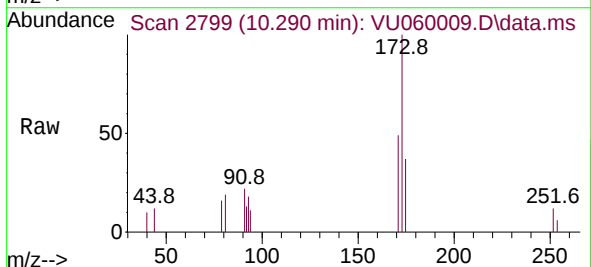


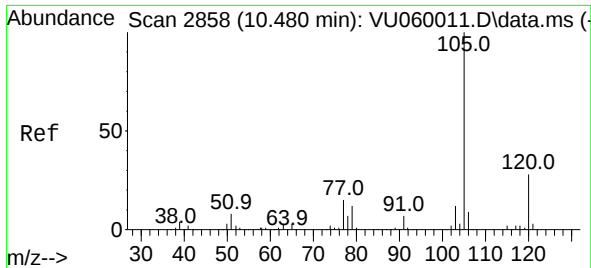
Tgt Ion: 83 Resp: 5669
Ion Ratio Lower Upper
83 100
85 65.4 46.8 87.0
131 10.9 7.8 11.6



#59
Bromoform
Concen: 0.660 ug/L
RT: 10.290 min Scan# 2799
Delta R.T. 0.006 min
Lab File: VU060009.D
Acq: 18 Jul 2024 11:04

Tgt Ion:173 Resp: 3088
Ion Ratio Lower Upper
173 100
175 40.4 38.7 58.1
254 5.0 9.0 13.4#

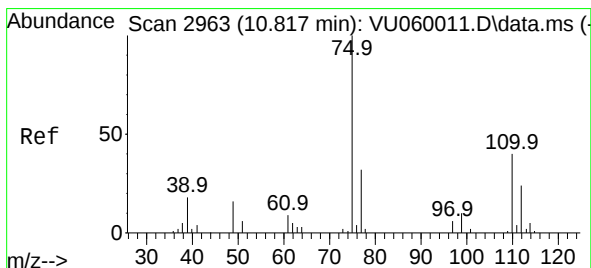
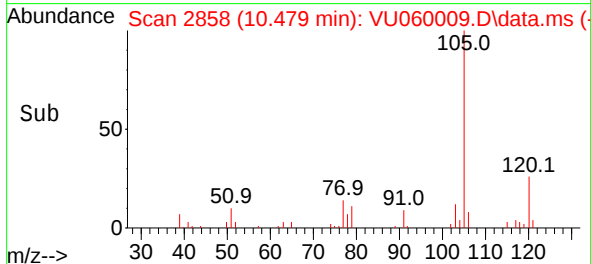
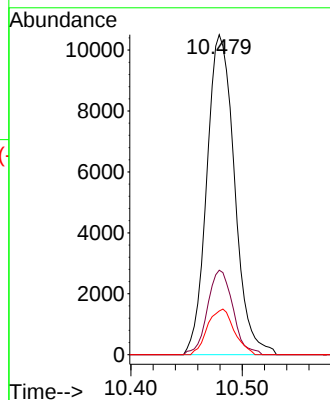
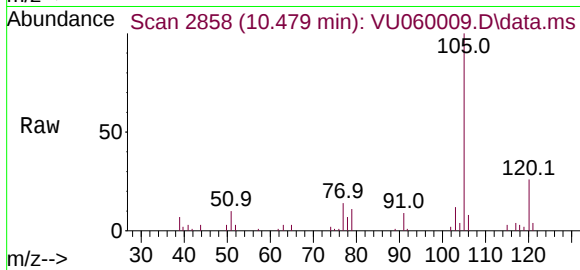




#60
Isopropylbenzene
Concen: 0.487 ug/L
RT: 10.479 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU060009.D
Acq: 18 Jul 2024 11:04

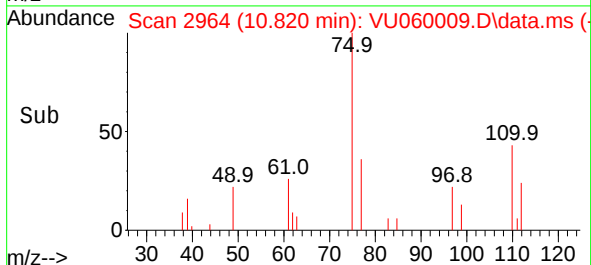
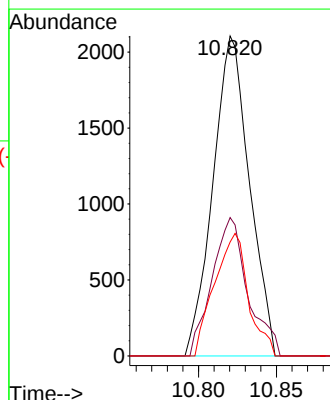
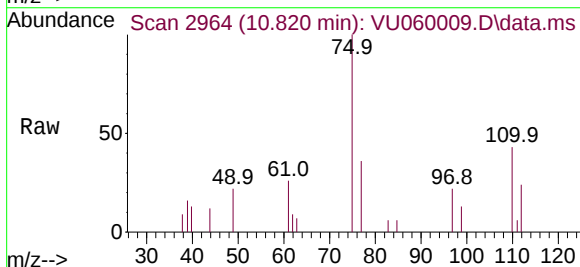
Instrument :
MSVOA_U
ClientSampleId :

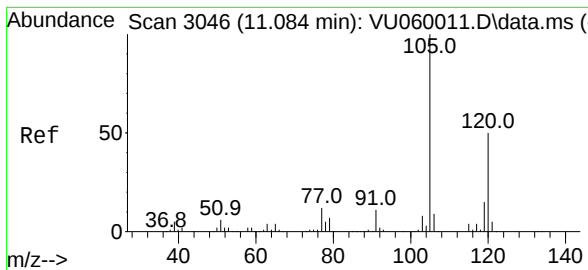
Tgt Ion:	105	Resp:	18159
Ion Ratio	Lower	Upper	
105	100		
120	24.2	21.9	32.9
77	13.7	12.1	18.1



#61
1,2,3-Trichloropropane
Concen: 0.613 ug/L
RT: 10.820 min Scan# 2964
Delta R.T. 0.003 min
Lab File: VU060009.D
Acq: 18 Jul 2024 11:04

Tgt Ion:	75	Resp:	3427
Ion Ratio	Lower	Upper	
75	100		
110	42.6	30.8	46.2
77	35.7	26.2	39.2

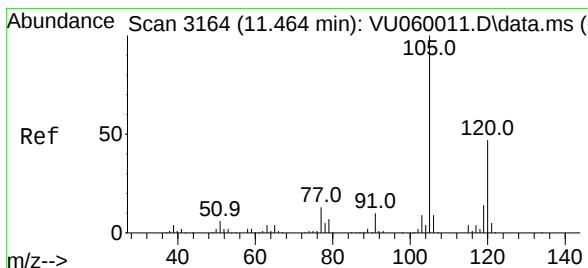
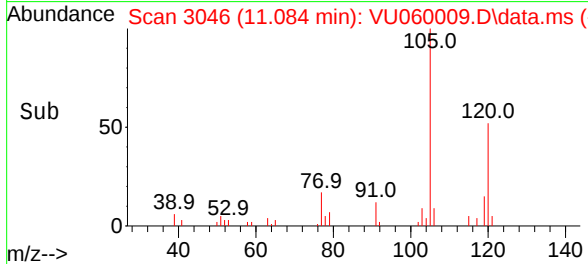
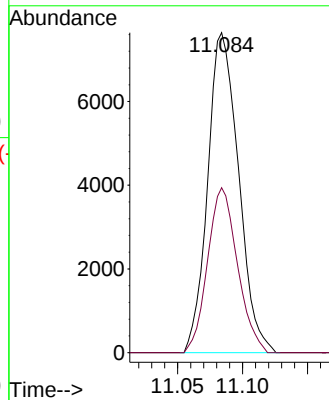
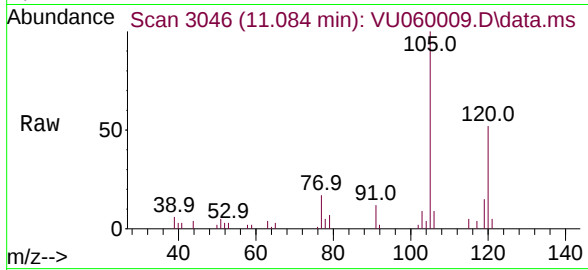




#62
 1,3,5-Trimethylbenzene
 Concen: 0.431 ug/L
 RT: 11.084 min Scan# 3046
 Delta R.T. -0.000 min
 Lab File: VU060009.D
 Acq: 18 Jul 2024 11:04

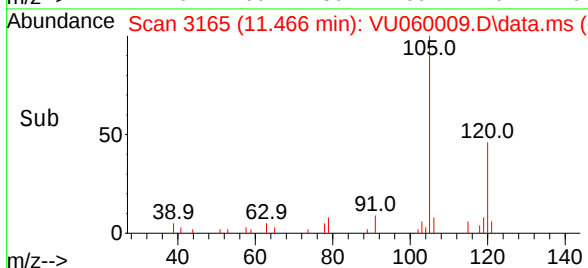
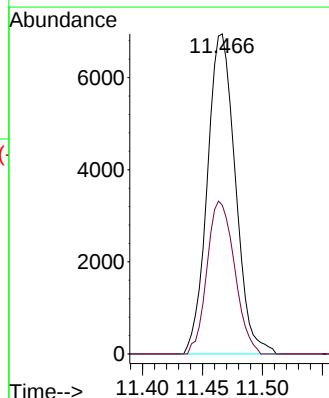
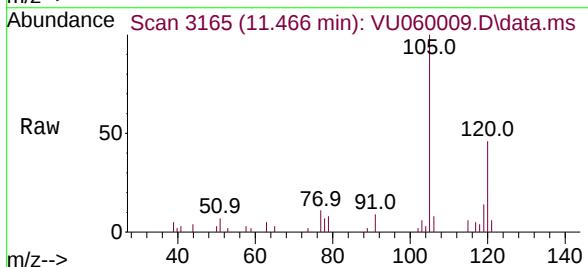
Instrument :
 MSVOA_U
 ClientSampleId :

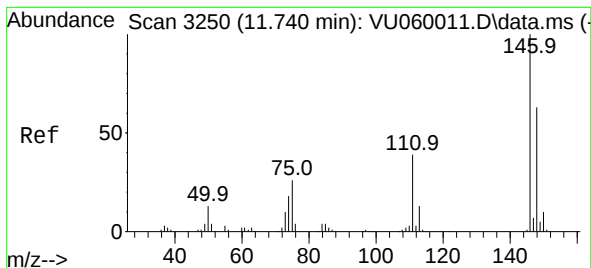
Tgt Ion:105 Resp: 12619
 Ion Ratio Lower Upper
 105 100
 120 49.9 39.4 59.2



#63
 1,2,4-Trimethylbenzene
 Concen: 0.404 ug/L
 RT: 11.466 min Scan# 3165
 Delta R.T. 0.003 min
 Lab File: VU060009.D
 Acq: 18 Jul 2024 11:04

Tgt Ion:105 Resp: 11296
 Ion Ratio Lower Upper
 105 100
 120 46.9 36.7 55.1





#64

1,3-Dichlorobenzene

Concen: 0.553 ug/L

RT: 11.746 min Scan# 3250

Delta R.T. 0.006 min

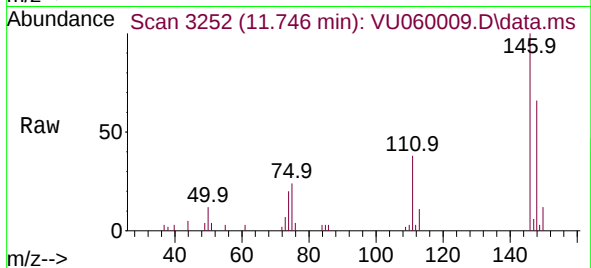
Lab File: VU060009.D

Acq: 18 Jul 2024 11:04

Instrument :

MSVOA_U

ClientSampleId :



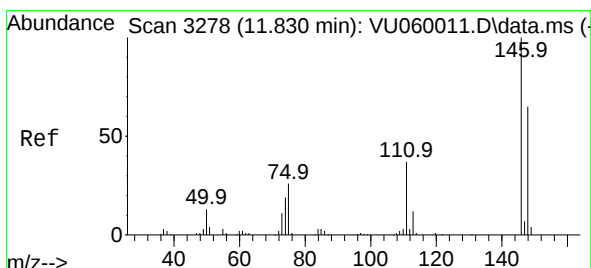
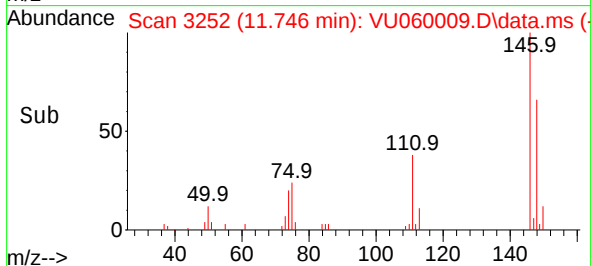
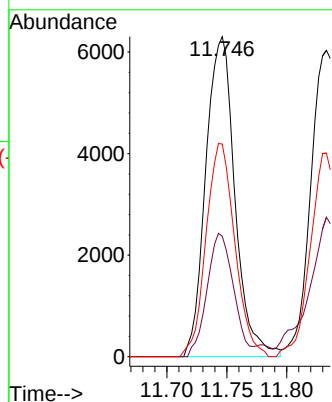
Tgt Ion:146 Resp: 10643

Ion Ratio Lower Upper

146 100

111 37.6 27.2 50.4

148 66.5 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 0.564 ug/L

RT: 11.833 min Scan# 3279

Delta R.T. 0.003 min

Lab File: VU060009.D

Acq: 18 Jul 2024 11:04

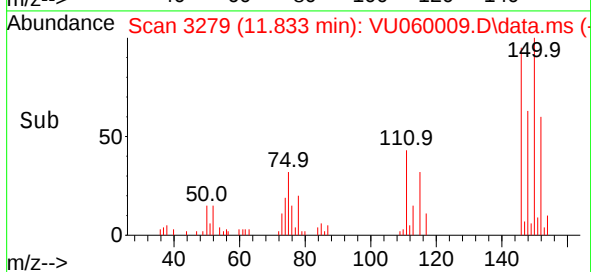
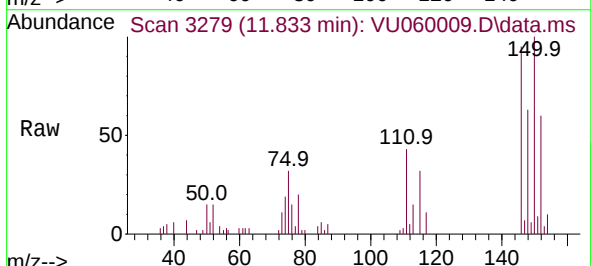
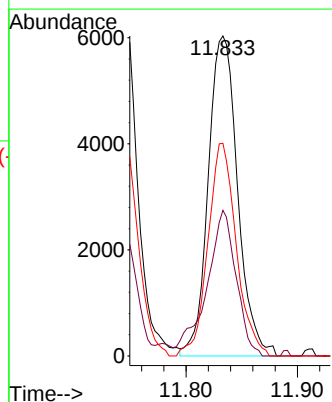
Tgt Ion:146 Resp: 11058

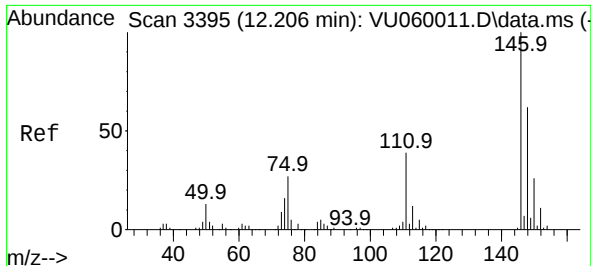
Ion Ratio Lower Upper

146 100

111 45.5 26.5 49.1

148 66.5 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 0.576 ug/L

RT: 12.212 min Scan# 3411

Delta R.T. 0.006 min

Lab File: VU060009.D

Acq: 18 Jul 2024 11:04

Instrument :

MSVOA_U

ClientSampleId :

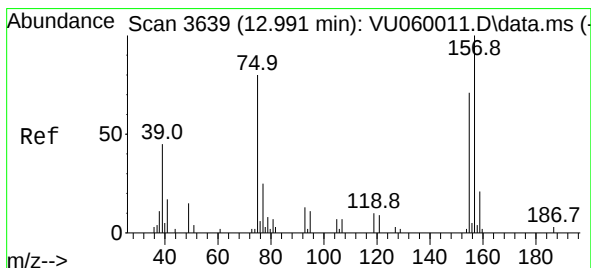
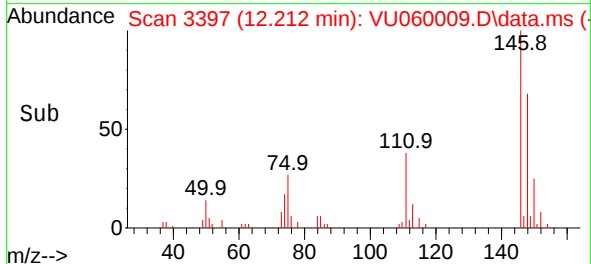
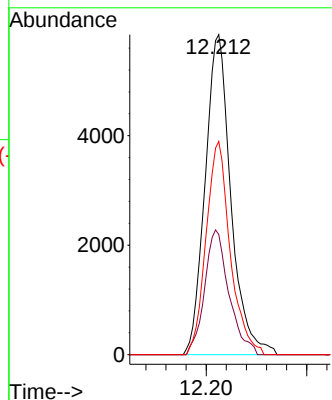
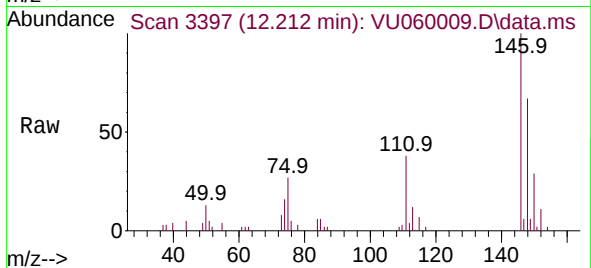
Tgt Ion:146 Resp: 10403

Ion Ratio Lower Upper

146 100

111 37.6 30.9 46.3

148 66.6 49.8 74.8



#68

1,2-Dibromo-3-chloropropane

Concen: 0.498 ug/L

RT: 12.997 min Scan# 3641

Delta R.T. 0.006 min

Lab File: VU060009.D

Acq: 18 Jul 2024 11:04

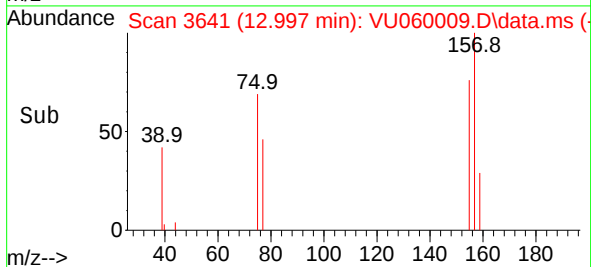
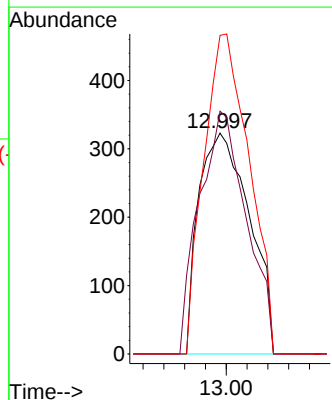
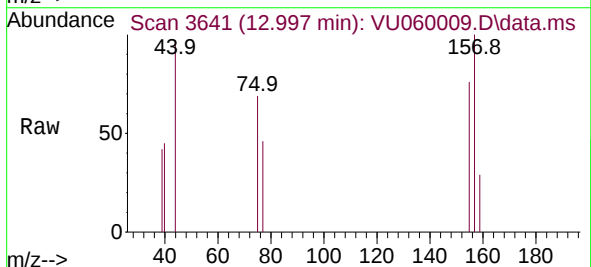
Tgt Ion: 75 Resp: 548

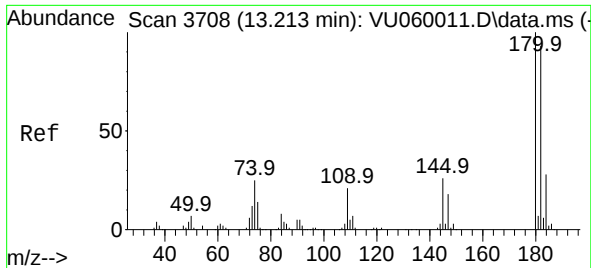
Ion Ratio Lower Upper

75 100

155 109.9 70.6 105.8#

157 144.3 99.4 149.2





#69

1,3,5-Trichlorobenzene

Concen: 0.560 ug/L

RT: 13.219 min Scan# 31

Delta R.T. 0.006 min

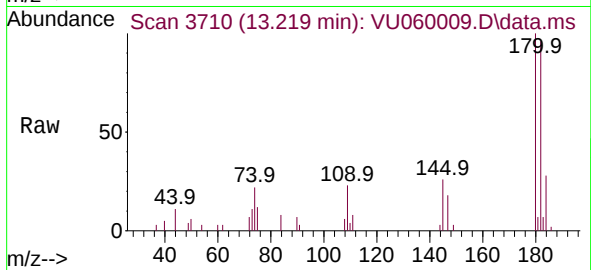
Lab File: VU060009.D

Acq: 18 Jul 2024 11:04

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 8004

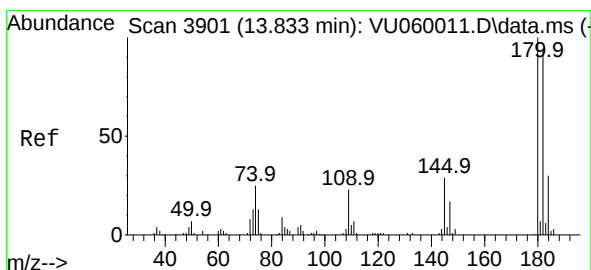
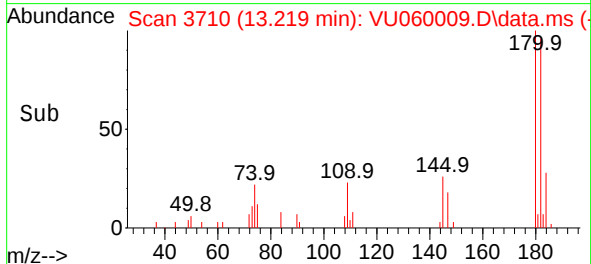
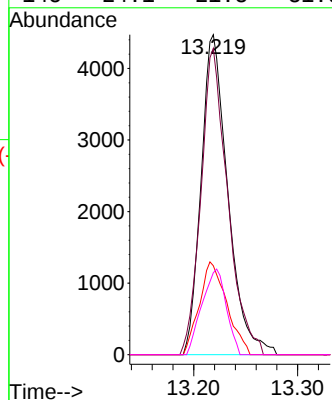
Ion Ratio Lower Upper

180 100

182 95.4 74.6 111.8

184 29.8 23.1 34.7

145 24.1 21.3 31.9



#70

1,2,4-trichlorobenzene

Concen: 0.493 ug/L

RT: 13.843 min Scan# 3904

Delta R.T. 0.009 min

Lab File: VU060009.D

Acq: 18 Jul 2024 11:04

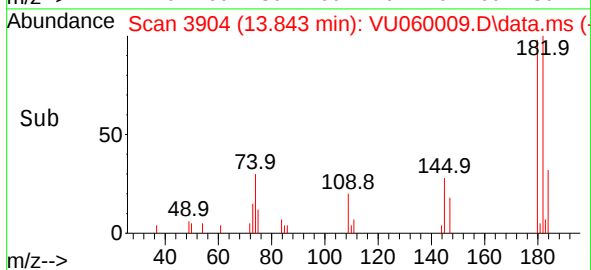
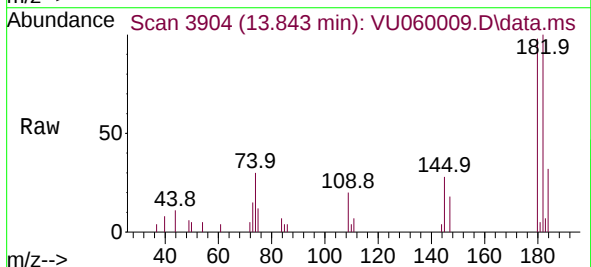
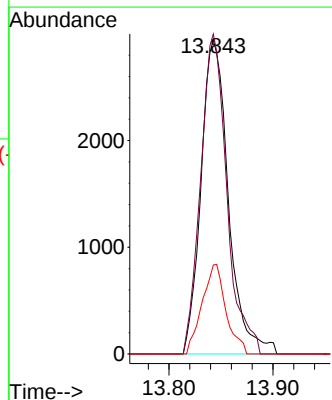
Tgt Ion:180 Resp: 5380

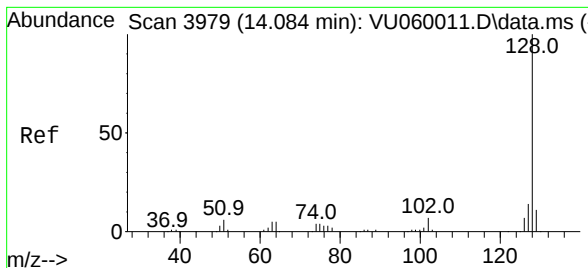
Ion Ratio Lower Upper

180 100

182 97.4 77.2 115.8

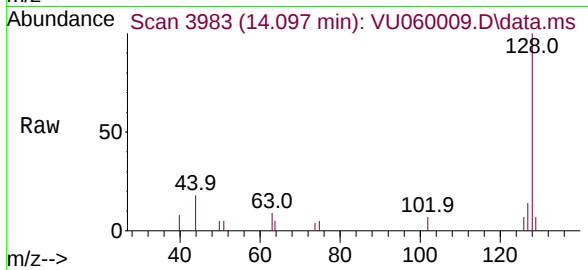
145 24.9 23.0 34.4



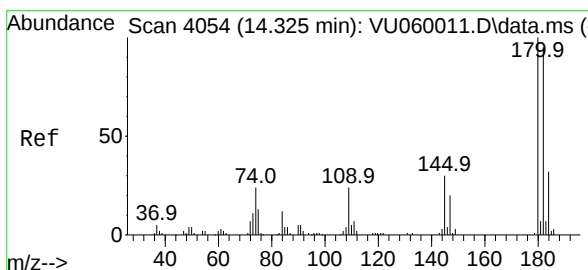
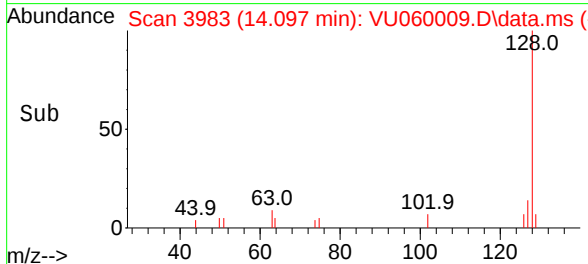
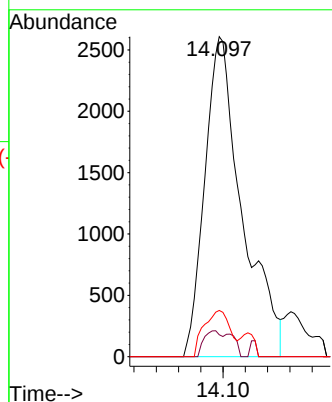


#71
Naphthalene
Concen: 0.390 ug/L
RT: 14.097 min Scan# 3983
Delta R.T. 0.013 min
Lab File: VU060009.D
Acq: 18 Jul 2024 11:04

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 6052
Ion Ratio Lower Upper
128 100
129 3.9 8.2 12.4#
127 10.2 10.6 16.0#



#72
1,2,3-Trichlorobenzene
Concen: 0.444 ug/L
RT: 14.328 min Scan# 4055
Delta R.T. 0.003 min
Lab File: VU060009.D
Acq: 18 Jul 2024 11:04

Tgt Ion:180 Resp: 4487
Ion Ratio Lower Upper
180 100
182 96.6 76.3 114.5
145 30.3 23.9 35.9

