

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082924\
 Data File : VU060568.D
 Acq On : 29 Aug 2024 16:23
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 29 23:14:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 29 23:12:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	157304	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	159591	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	83934	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	45378	6.531	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	130.600%#
7) Chloroethane-d5	1.908	69	39938	3.794	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.800%
11) 1,1-Dichloroethene-d2	2.560	65	20596	5.030	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.600%
20) 2-Butanone-d5	4.634	46	99783	41.764	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.520%
24) Chloroform-d	5.055	84	100485	5.073	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
26) 1,2-Dichloroethane-d4	5.695	65	48349	4.678	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	5.721	84	193669	5.550	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.000%
36) 1,2-Dichloropropane-d6	6.682	67	58812	5.223	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.400%
41) Toluene-d8	7.891	98	182983	5.589	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.800%
43) trans-1,3-Dichloroprop...	8.174	79	20147	5.000	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.000%
46) 2-Hexanone-d5	8.628	63	79613	41.269	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.540%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	47840	4.775	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	64611	5.221	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	84993	4.761	ug/L	99
3) Chloromethane	1.515	50	80103	5.179	ug/L	96
5) Vinyl chloride	1.599	62	85422	5.609	ug/L	98
6) Bromomethane	1.853	94	55385	3.614	ug/L	92
8) Chloroethane	1.930	64	48121	3.463	ug/L	98
9) Trichlorofluoromethane	2.133	101	122206	3.691	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	67217	4.799	ug/L	97
12) 1,1-Dichloroethene	2.573	96	61540	4.773	ug/L	93
13) Acetone	2.647	43	82345	41.189	ug/L	98
14) Carbon disulfide	2.785	76	194560	4.650	ug/L	98
15) Methyl Acetate	2.959	43	21748	5.320	ug/L	99
16) Methylene chloride	3.039	84	71606	5.718	ug/L	80
17) Methyl tert-butyl Ether	3.358	73	131648	5.031	ug/L	97
18) trans-1,2-Dichloroethene	3.345	96	63058	5.618	ug/L	97
19) 1,1-Dichloroethane	3.862	63	119329	5.246	ug/L	97
21) 2-Butanone	4.711	43	130380	47.688	ug/L	93
22) cis-1,2-Dichloroethene	4.657	96	68471	5.475	ug/L	90
23) Bromochloromethane	4.968	128	32998	5.805	ug/L #	91
25) Chloroform	5.078	83	124626	5.177	ug/L	97

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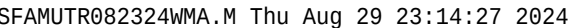
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 ClientSampleId :

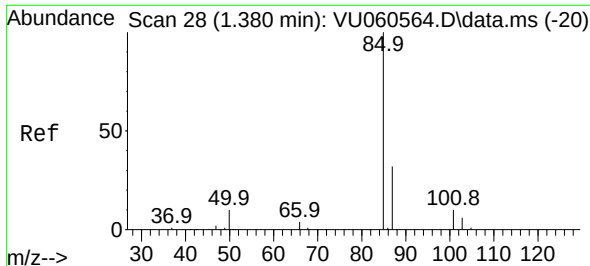
Quant Time: Aug 29 23:14:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 29 23:12:56 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	74438	4.607	ug/L	97
29) 1,1,1-Trichloroethane	5.306	97	110714	5.065	ug/L	97
30) Cyclohexane	5.380	56	84848	4.689	ug/L	93
31) Carbon tetrachloride	5.518	117	99874	4.944	ug/L	100
33) Benzene	5.766	78	265858	5.252	ug/L	100
34) Trichloroethene	6.534	95	71096	5.182	ug/L	98
35) Methylcyclohexane	6.756	83	94826	5.037	ug/L	95
37) 1,2-Dichloropropane	6.782	63	70880	5.465	ug/L #	97
38) Bromodichloromethane	7.097	83	87299	5.122	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	94228	4.955	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	319130	47.245	ug/L	93
42) Toluene	7.962	91	292672	5.472	ug/L	96
44) trans-1,3-Dichloropropene	8.203	75	80068	5.129	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	51105	5.439	ug/L	97
47) Tetrachloroethene	8.547	164	59306	5.274	ug/L	94
48) 2-Hexanone	8.679	43	237691	47.019	ug/L	95
49) Dibromochloromethane	8.804	129	61487	5.653	ug/L	99
50) 1,2-Dibromoethane	8.917	107	49299	5.716	ug/L #	97
51) Chlorobenzene	9.441	112	183611	5.303	ug/L	96
52) Ethylbenzene	9.563	91	285389	5.035	ug/L	99
53) m,p-Xylene	9.689	106	117108	5.557	ug/L	95
54) o-Xylene	10.094	106	109518	5.076	ug/L	92
55) Styrene	10.110	104	187888	5.315	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.775	83	60824	5.070	ug/L	96
59) Bromoform	10.283	173	37934	5.499	ug/L	96
60) Isopropylbenzene	10.480	105	286236	5.105	ug/L	98
61) 1,2,3-Trichloropropane	10.814	75	42834	5.291	ug/L	100
62) 1,3,5-Trimethylbenzene	11.081	105	217504	5.204	ug/L	97
63) 1,2,4-Trimethylbenzene	11.460	105	217629	5.105	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	144994	5.284	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	139947	5.025	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	132869	5.161	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	8596	4.704	ug/L #	88
69) 1,3,5-Trichlorobenzene	13.213	180	101004	4.773	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	75610	4.429	ug/L	97
71) Naphthalene	14.081	128	96547	4.426	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	67433	4.720	ug/L	100

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

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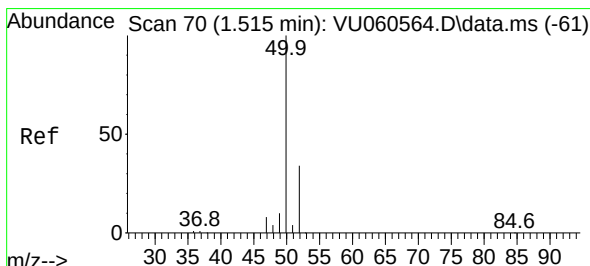
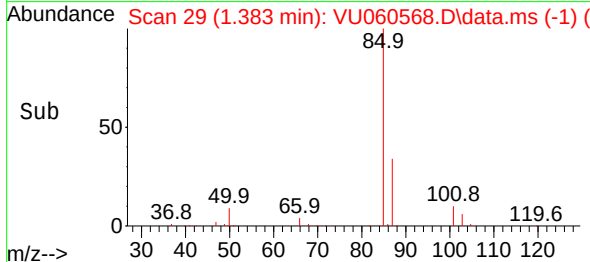
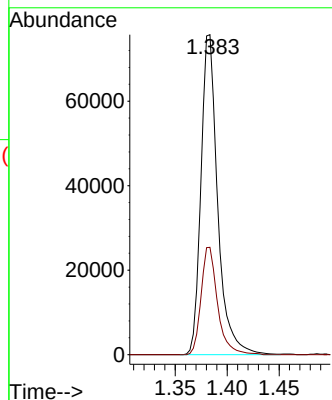
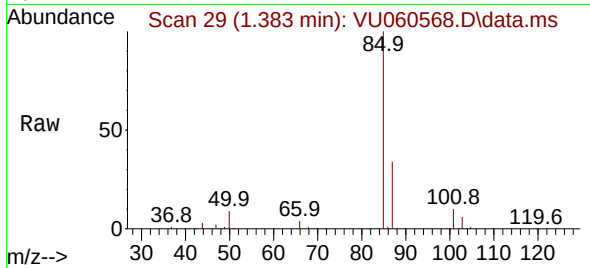




#2
 Dichlorodifluoromethane
 Concen: 4.761 ug/L
 RT: 1.383 min Scan# 20
 Delta R.T. 0.003 min
 Lab File: VU060568.D
 Acq: 29 Aug 2024 16:23

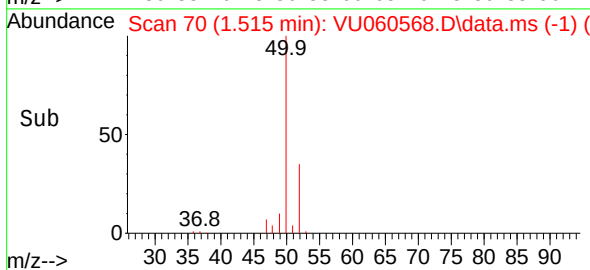
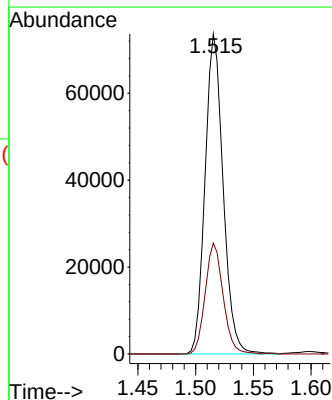
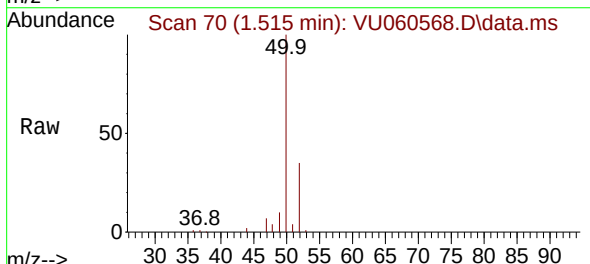
Instrument :
 MSVOA_U
 ClientSampleId :

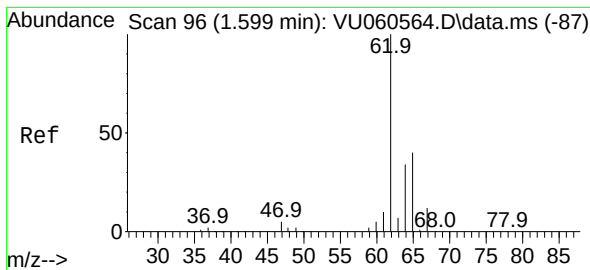
Tgt Ion: 85 Resp: 84993
 Ion Ratio Lower Upper
 85 100
 87 33.1 26.2 39.4



#3
 Chloromethane
 Concen: 5.179 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU060568.D
 Acq: 29 Aug 2024 16:23

Tgt Ion: 50 Resp: 80103
 Ion Ratio Lower Upper
 50 100
 52 34.7 22.7 42.1





#5

Vinyl chloride

Concen: 5.609 ug/L

RT: 1.599 min Scan# 96

Delta R.T. 0.000 min

Lab File: VU060568.D

Acq: 29 Aug 2024 16:23

Instrument :

MSVOA_U

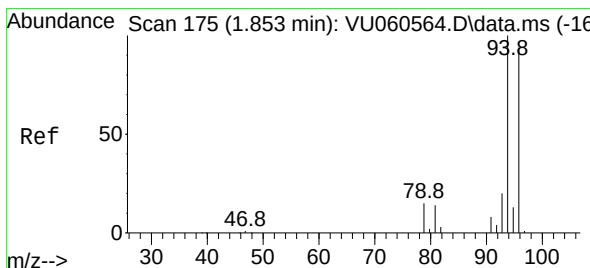
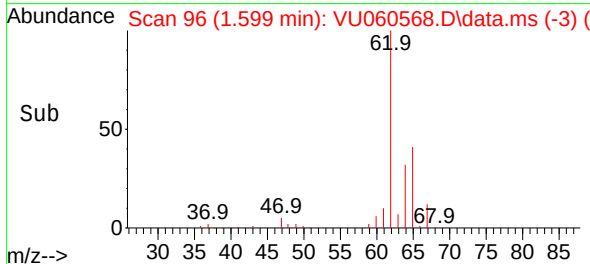
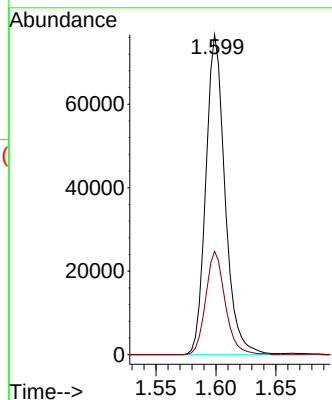
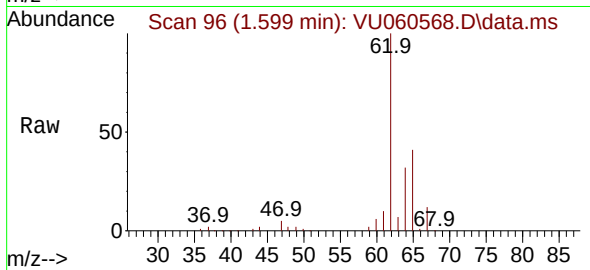
ClientSampleId :

Tgt Ion: 62 Resp: 85422

Ion Ratio Lower Upper

62 100

64 32.3 22.0 40.8



#6

Bromomethane

Concen: 3.614 ug/L

RT: 1.853 min Scan# 175

Delta R.T. 0.000 min

Lab File: VU060568.D

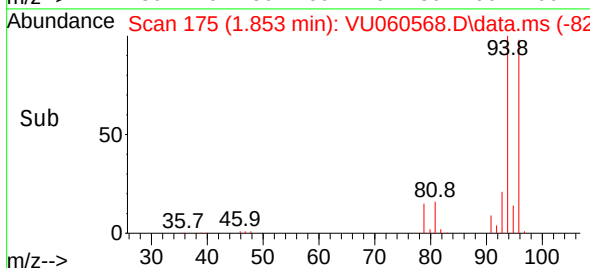
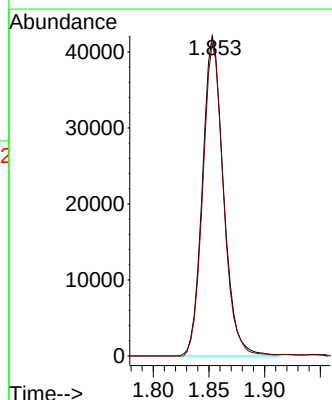
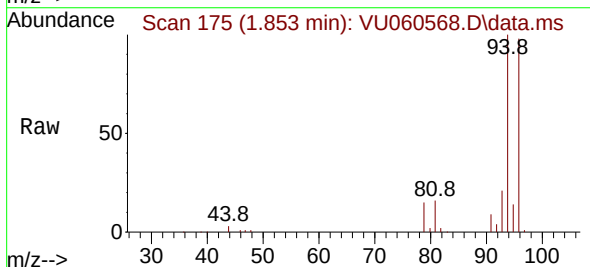
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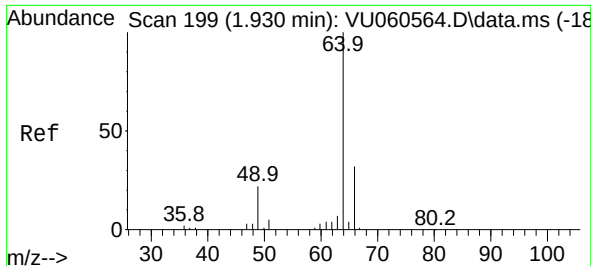
Tgt Ion: 94 Resp: 55385

Ion Ratio Lower Upper

94 100

96 97.7 63.3 117.5

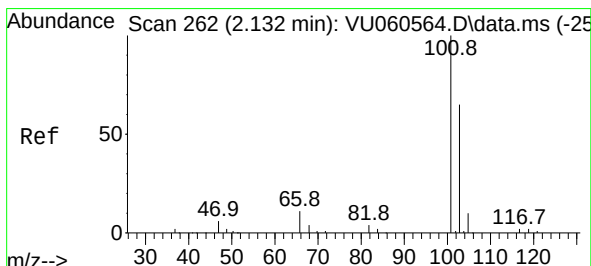
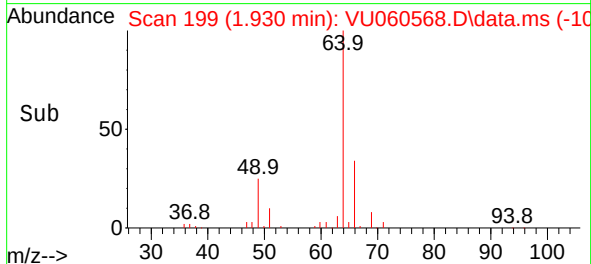
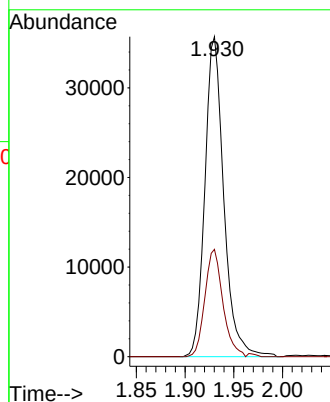
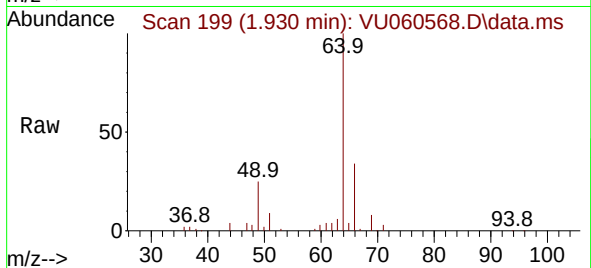




#8
Chloroethane
Concen: 3.463 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU060568.D
Acq: 29 Aug 2024 16:23

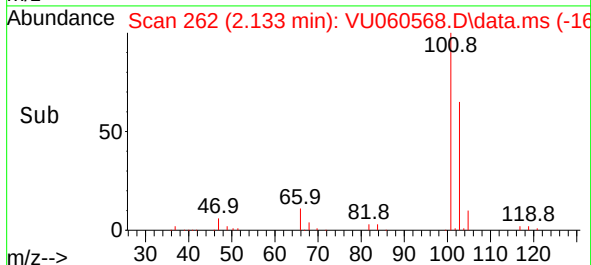
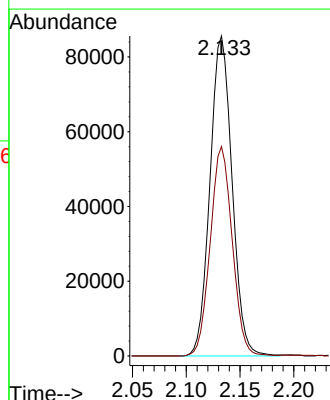
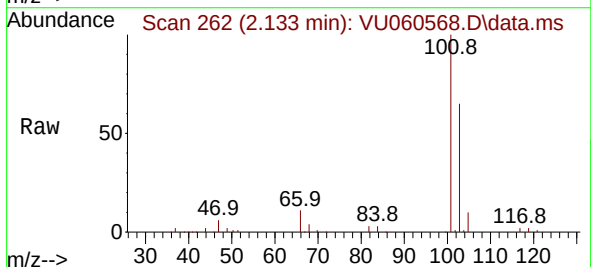
Instrument :
MSVOA_U
ClientSampleId :

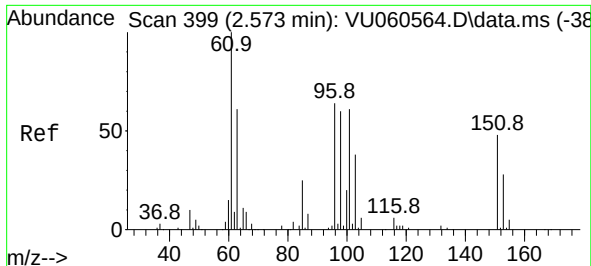
Tgt Ion: 64 Resp: 48121
Ion Ratio Lower Upper
64 100
66 33.5 22.5 41.9



#9
Trichlorofluoromethane
Concen: 3.691 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU060568.D
Acq: 29 Aug 2024 16:23

Tgt Ion:101 Resp: 122206
Ion Ratio Lower Upper
101 100
103 65.1 51.4 77.2

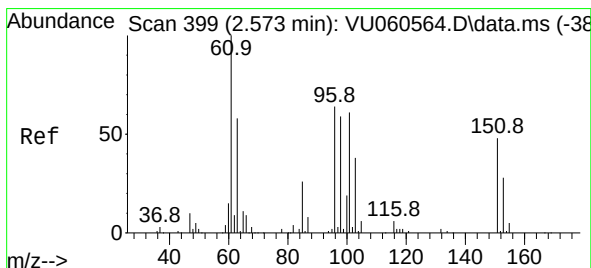
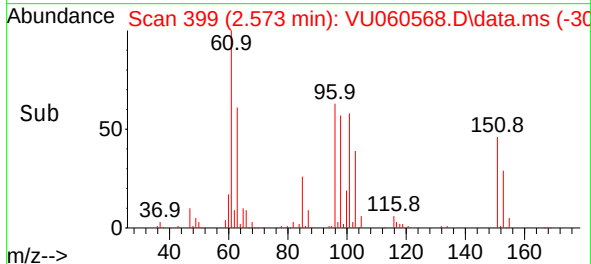
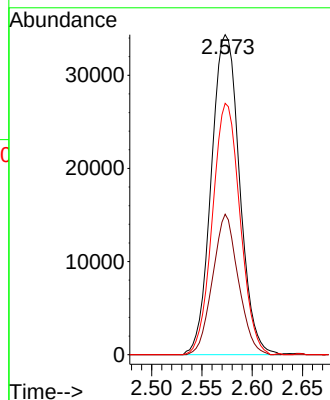
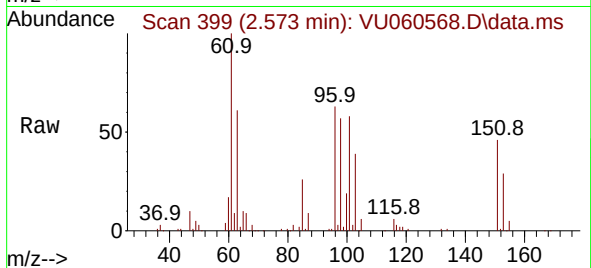




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.799 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU060568.D
Acq: 29 Aug 2024 16:23

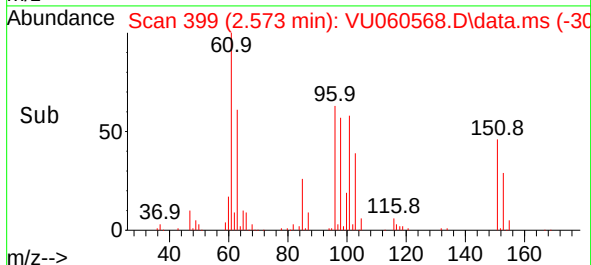
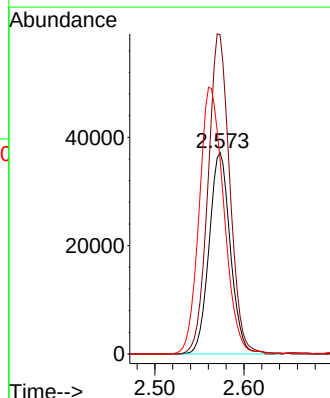
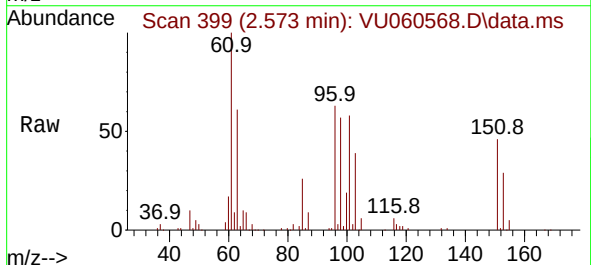
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ClientSampleId :

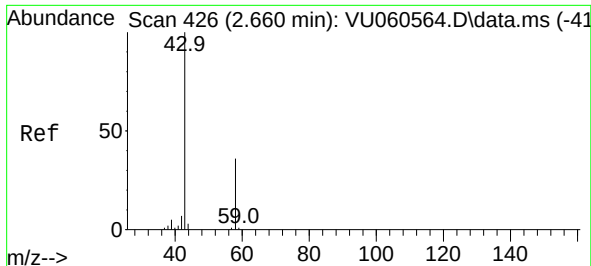
Tgt Ion:101 Resp: 67217
Ion Ratio Lower Upper
101 100
85 39.9 35.8 53.6
151 76.5 61.7 92.5



#12
1,1-Dichloroethene
Concen: 4.773 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU060568.D
Acq: 29 Aug 2024 16:23

Tgt Ion: 96 Resp: 61540
Ion Ratio Lower Upper
96 100
61 158.5 116.4 216.2
63 96.6 74.8 139.0





#13

Acetone

Concen: 41.189 ug/L

RT: 2.647 min Scan# 41

Delta R.T. -0.013 min

Lab File: VU060568.D

Acq: 29 Aug 2024 16:23

Instrument :

MSVOA_U

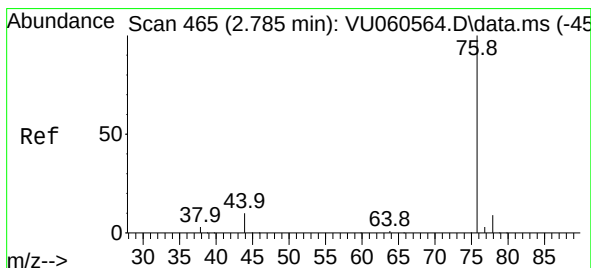
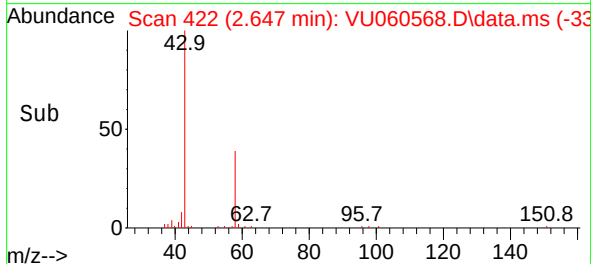
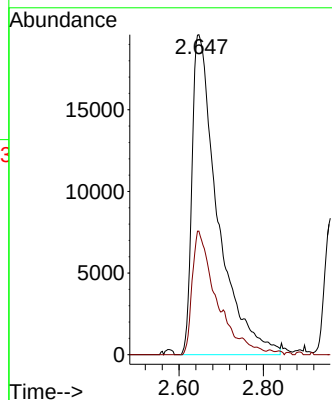
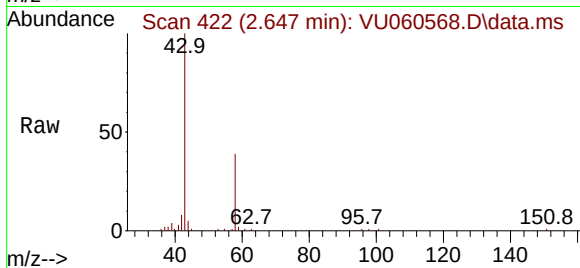
ClientSampleId :

Tgt Ion: 43 Resp: 82345

Ion Ratio Lower Upper

43 100

58 34.4 0.0 66.8



#14

Carbon disulfide

Concen: 4.650 ug/L

RT: 2.785 min Scan# 465

Delta R.T. 0.000 min

Lab File: VU060568.D

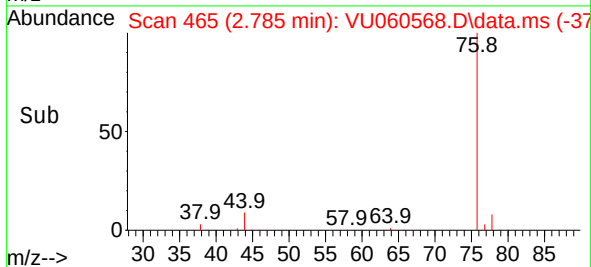
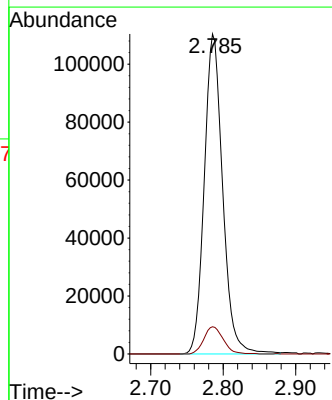
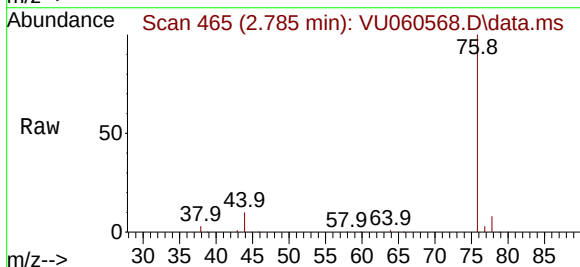
Acq: 29 Aug 2024 16:23

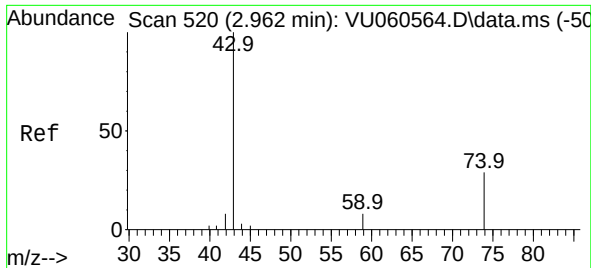
Tgt Ion: 76 Resp: 194560

Ion Ratio Lower Upper

76 100

78 8.5 7.4 11.2





#15

Methyl Acetate

Concen: 5.320 ug/L

RT: 2.959 min Scan# 519

Delta R.T. -0.003 min

Lab File: VU060568.D

Acq: 29 Aug 2024 16:23

Instrument :

MSVOA_U

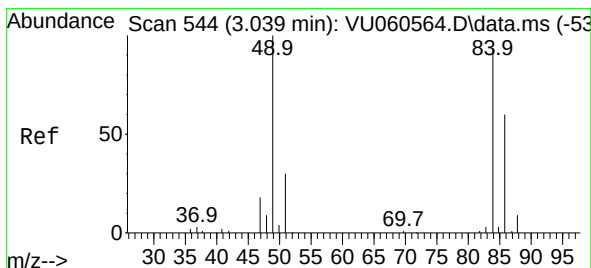
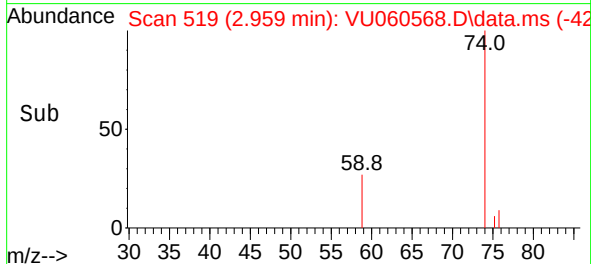
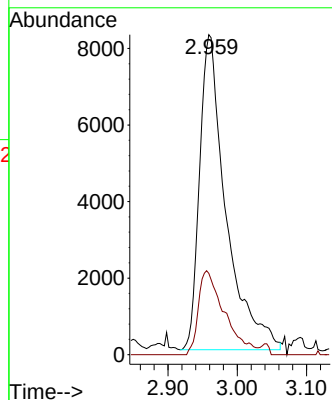
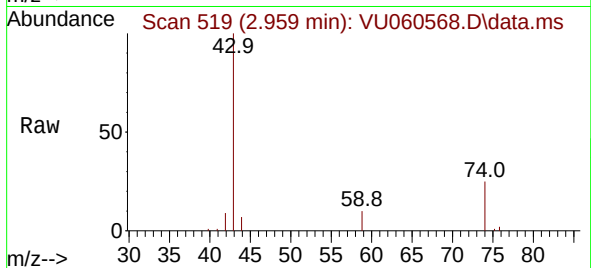
ClientSampleId :

Tgt Ion: 43 Resp: 21748

Ion Ratio Lower Upper

43 100

74 26.5 21.4 32.2



#16

Methylene chloride

Concen: 5.718 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.000 min

Lab File: VU060568.D

Acq: 29 Aug 2024 16:23

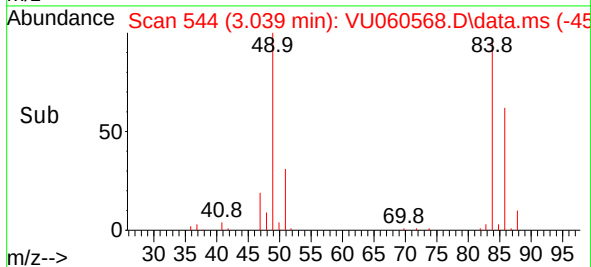
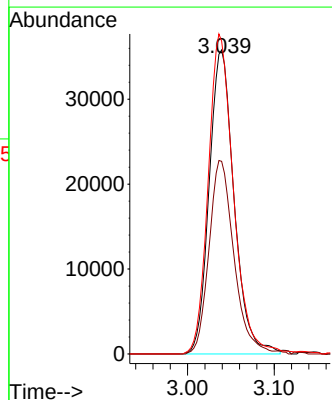
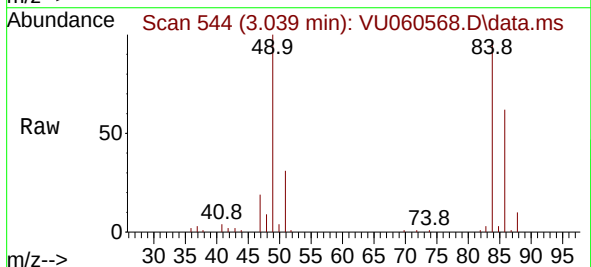
Tgt Ion: 84 Resp: 71606

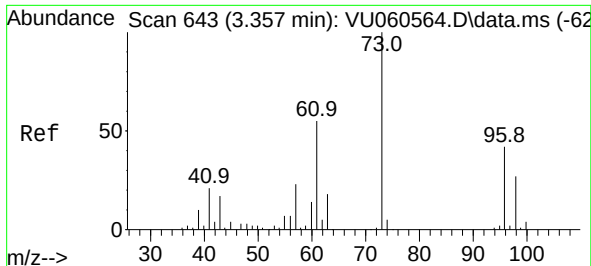
Ion Ratio Lower Upper

84 100

86 63.4 47.5 88.3

49 102.9 94.4 175.2





#17

Methyl tert-butyl Ether

Concen: 5.031 ug/L

RT: 3.358 min Scan# 643

Delta R.T. 0.000 min

Lab File: VU060568.D

Acq: 29 Aug 2024 16:23

Instrument :

MSVOA_U

ClientSampleId :

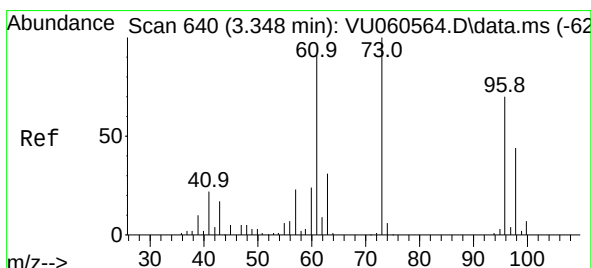
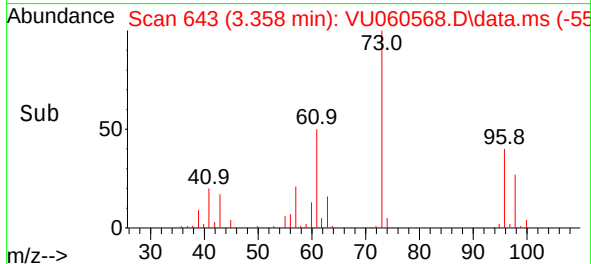
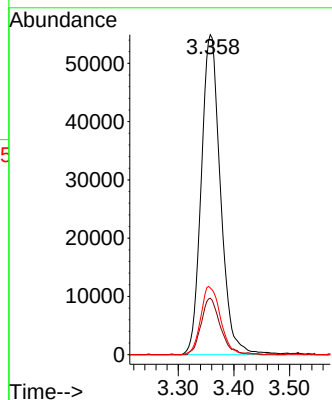
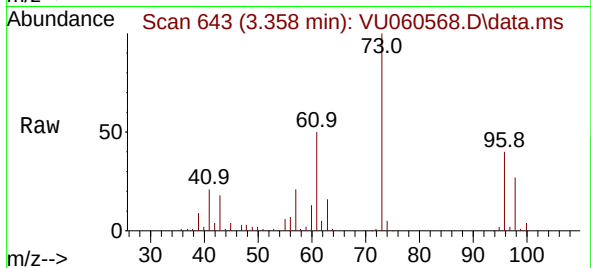
Tgt Ion: 73 Resp: 131648

Ion Ratio Lower Upper

73 100

43 17.5 15.8 23.6

57 21.9 16.8 25.2



#18

trans-1,2-Dichloroethene

Concen: 5.618 ug/L

RT: 3.345 min Scan# 639

Delta R.T. -0.003 min

Lab File: VU060568.D

Acq: 29 Aug 2024 16:23

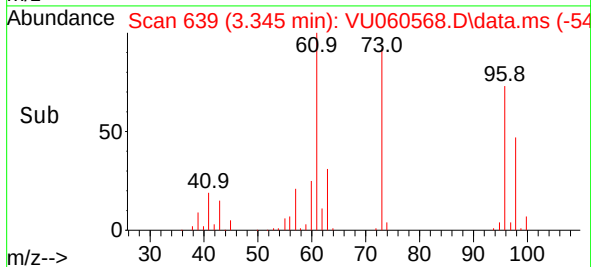
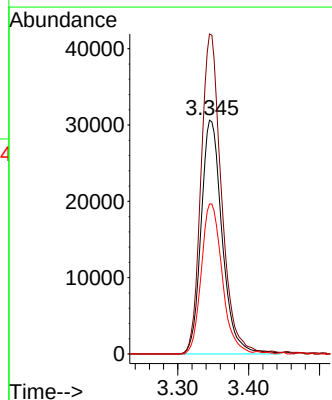
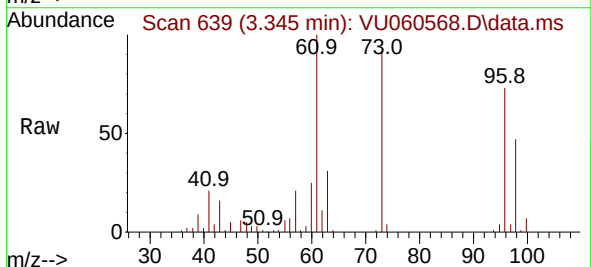
Tgt Ion: 96 Resp: 63058

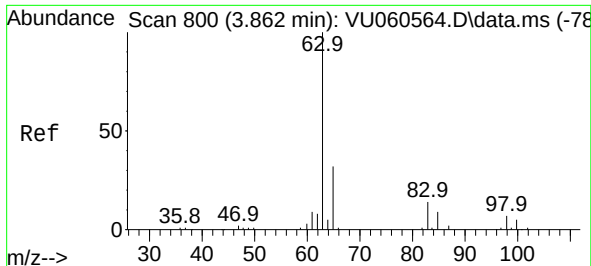
Ion Ratio Lower Upper

96 100

61 136.9 99.2 184.2

98 64.1 44.0 81.8

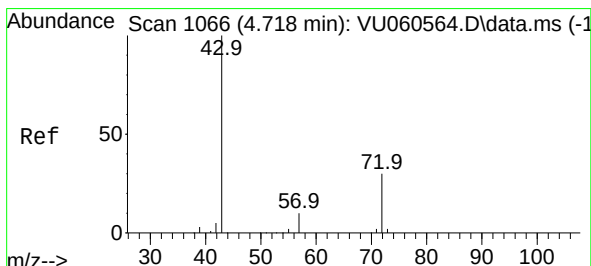
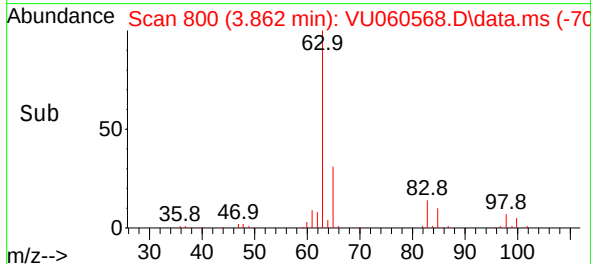
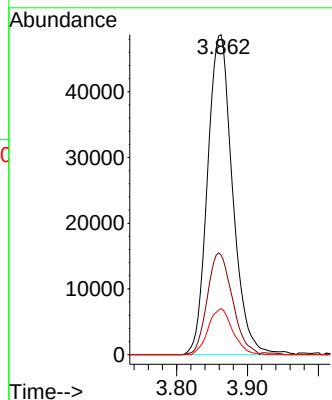
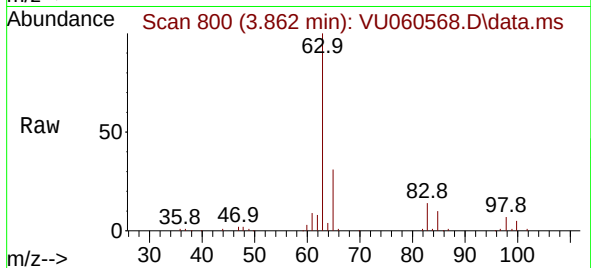




#19
1,1-Dichloroethane
Concen: 5.246 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.000 min
Lab File: VU060568.D
Acq: 29 Aug 2024 16:23

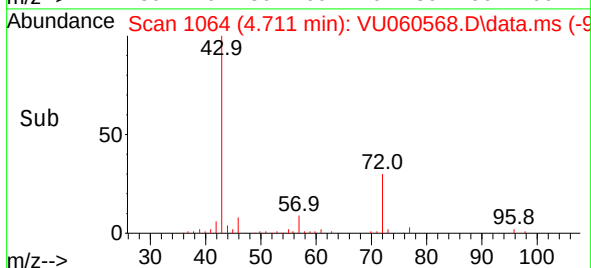
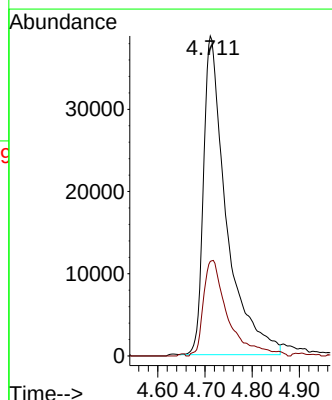
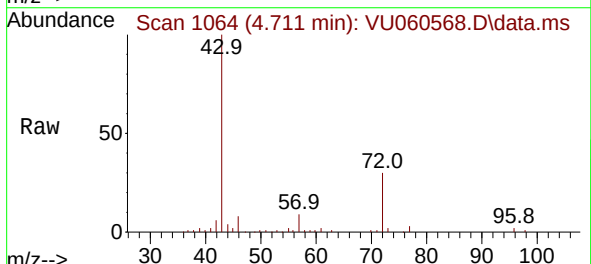
Instrument :
MSVOA_U
ClientSampleId :

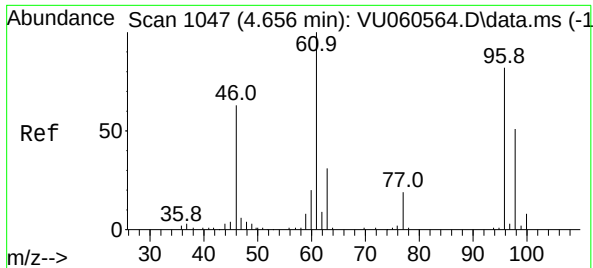
Tgt Ion: 63 Resp: 119329
Ion Ratio Lower Upper
63 100
65 31.2 20.5 38.1
83 14.4 9.2 17.2



#21
2-Butanone
Concen: 47.688 ug/L
RT: 4.711 min Scan# 1064
Delta R.T. -0.006 min
Lab File: VU060568.D
Acq: 29 Aug 2024 16:23

Tgt Ion: 43 Resp: 130380
Ion Ratio Lower Upper
43 100
72 31.6 14.0 42.0

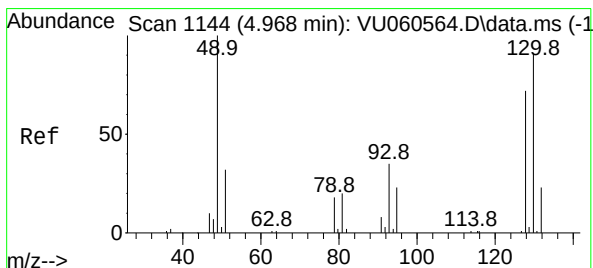
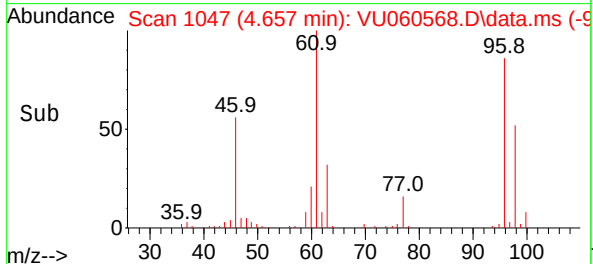
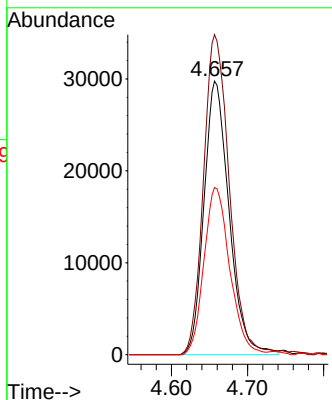
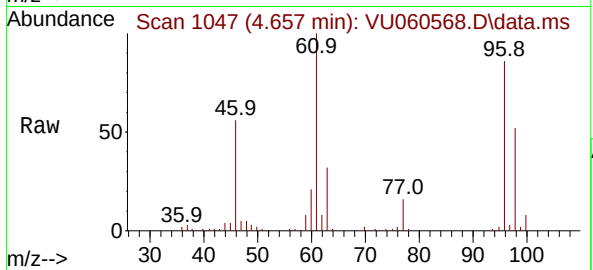




#22
 cis-1,2-Dichloroethene
 Concen: 5.475 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. 0.000 min
 Lab File: VU060568.D
 Acq: 29 Aug 2024 16:23

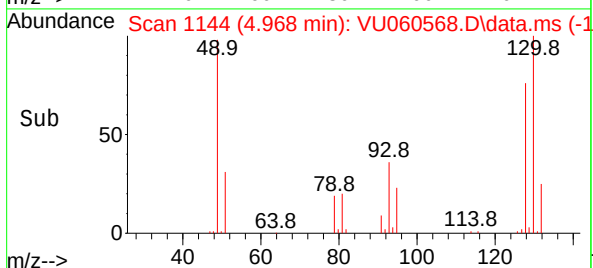
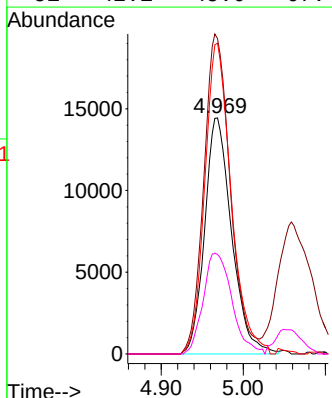
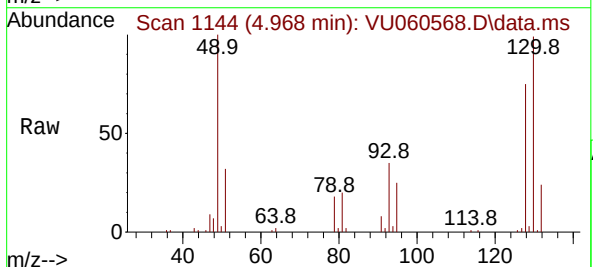
Instrument :
 MSVOA_U
 ClientSampleId :

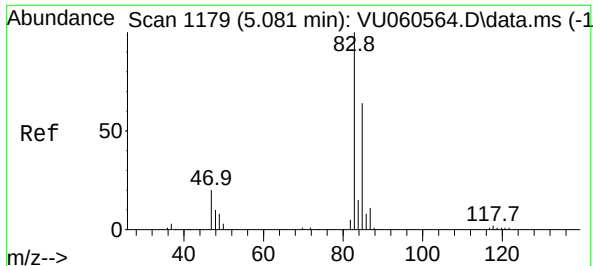
Tgt Ion: 96 Resp: 68471
 Ion Ratio Lower Upper
 96 100
 61 117.0 92.9 172.5
 98 61.1 45.0 83.6



#23
 Bromochloromethane
 Concen: 5.805 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. 0.000 min
 Lab File: VU060568.D
 Acq: 29 Aug 2024 16:23

Tgt Ion:128 Resp: 32998
 Ion Ratio Lower Upper
 128 100
 49 137.6 108.1 200.7
 130 131.7 93.1 172.9
 51 42.1 45.0 67.4#





#25

Chloroform

Concen: 5.177 ug/L

RT: 5.078 min Scan# 1179

Delta R.T. -0.003 min

Lab File: VU060568.D

Acq: 29 Aug 2024 16:23

Instrument :

MSVOA_U

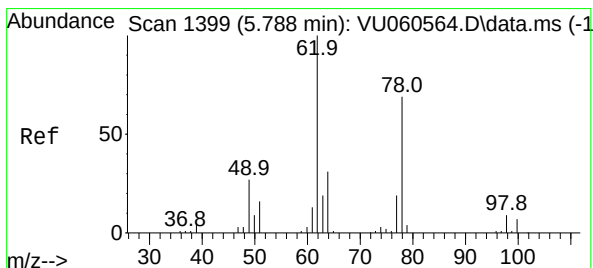
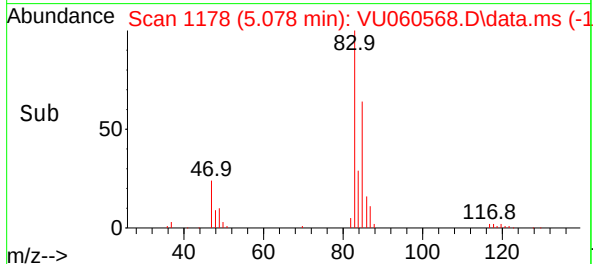
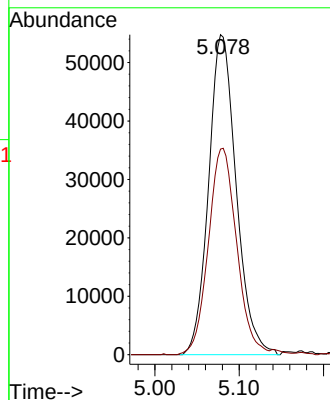
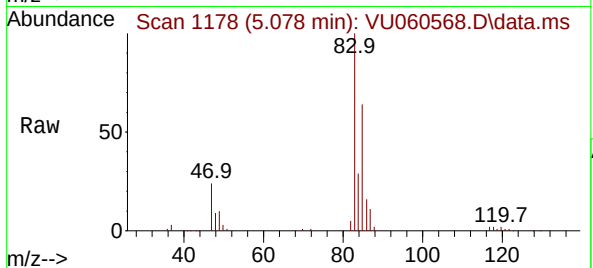
ClientSampleId :

Tgt Ion: 83 Resp: 124626

Ion Ratio Lower Upper

83 100

85 64.3 46.4 86.2



#27

1,2-Dichloroethane

Concen: 4.607 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. 0.000 min

Lab File: VU060568.D

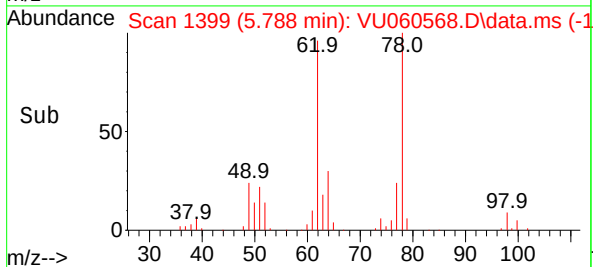
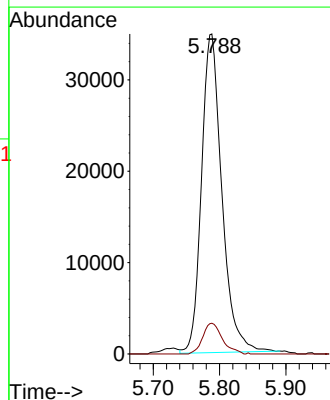
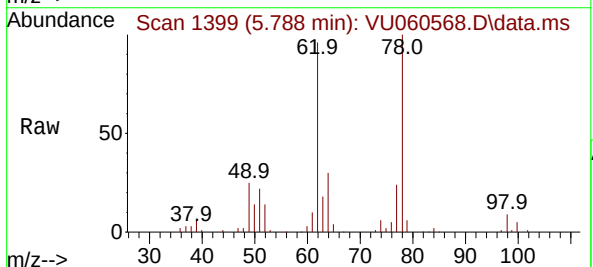
Acq: 29 Aug 2024 16:23

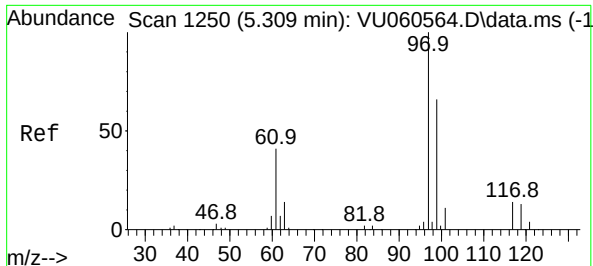
Tgt Ion: 62 Resp: 74438

Ion Ratio Lower Upper

62 100

98 9.6 7.0 10.4

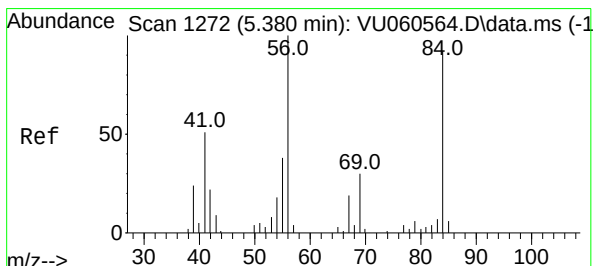
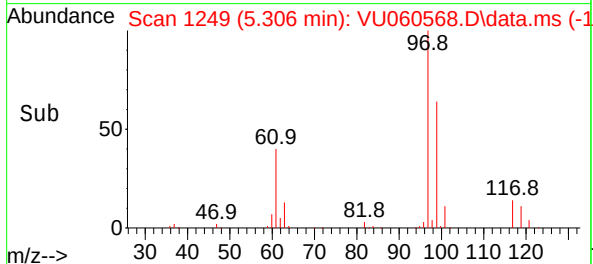
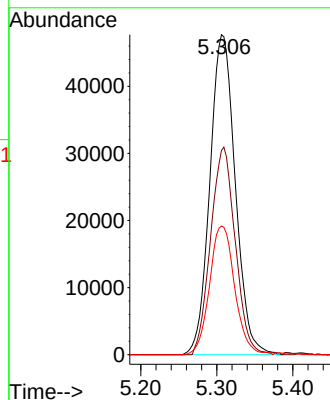
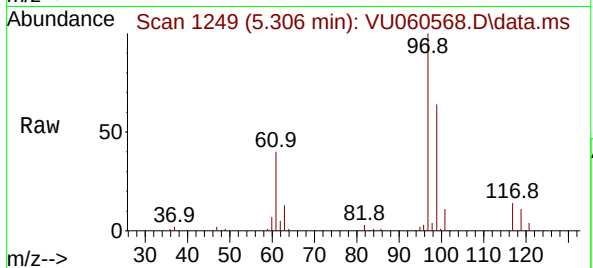




#29
1,1,1-Trichloroethane
Concen: 5.065 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.003 min
Lab File: VU060568.D
Acq: 29 Aug 2024 16:23

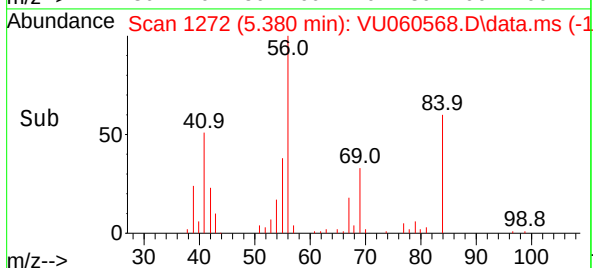
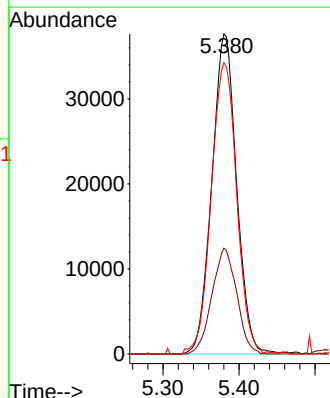
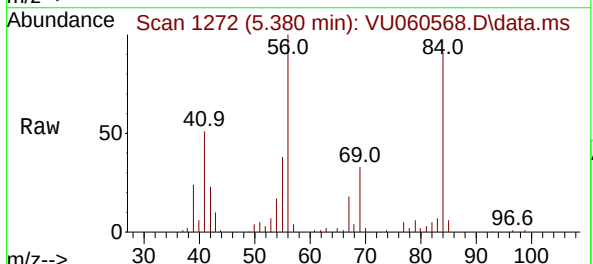
Instrument :
MSVOA_U
ClientSampleId :

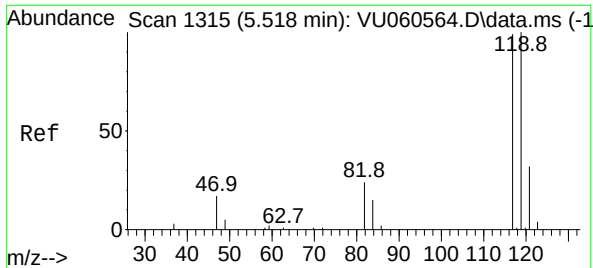
Tgt Ion: 97 Resp: 110714
Ion Ratio Lower Upper
97 100
99 62.9 49.7 74.5
61 39.8 35.4 53.2



#30
Cyclohexane
Concen: 4.689 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU060568.D
Acq: 29 Aug 2024 16:23

Tgt Ion: 56 Resp: 84848
Ion Ratio Lower Upper
56 100
69 33.2 24.2 36.2
84 93.5 69.7 104.5

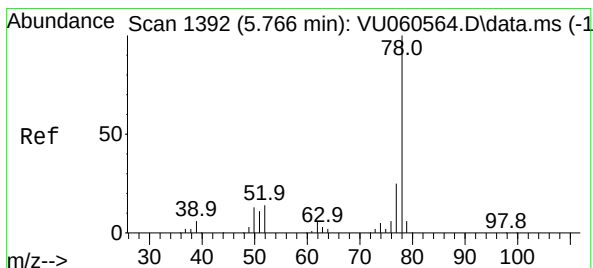
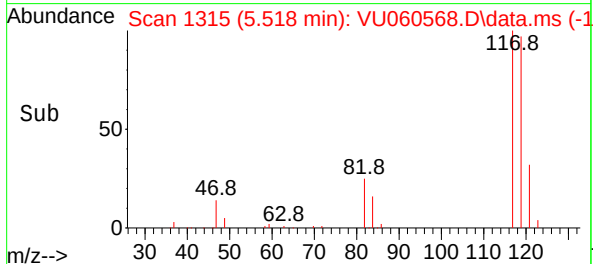
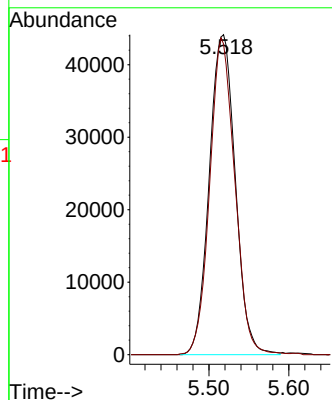
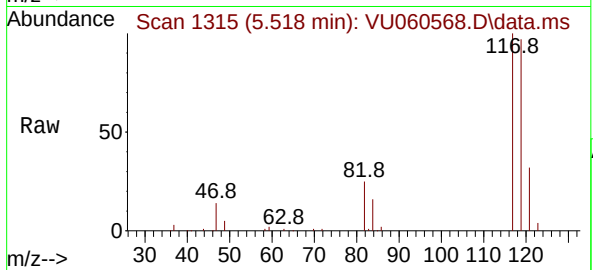




#31
Carbon tetrachloride
Concen: 4.944 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VU060568.D
Acq: 29 Aug 2024 16:23

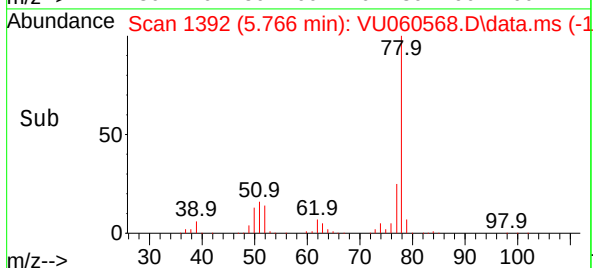
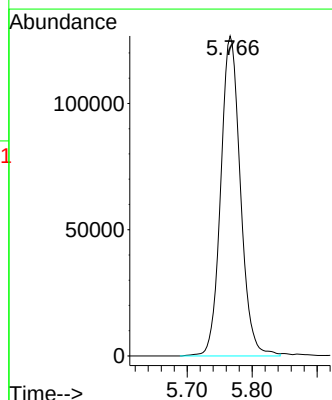
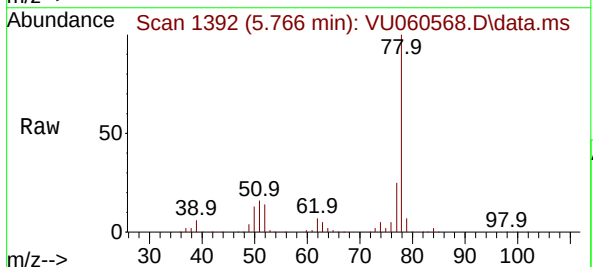
Instrument :
MSVOA_U
ClientSampleId :

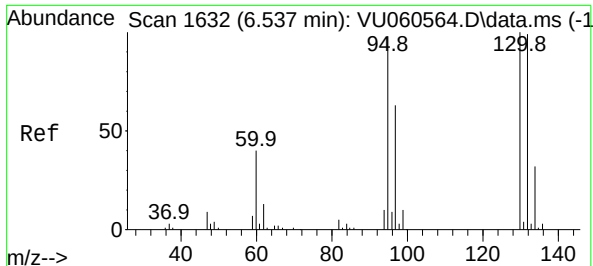
Tgt Ion:117 Resp: 99874
Ion Ratio Lower Upper
117 100
119 95.2 76.4 114.6



#33
Benzene
Concen: 5.252 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU060568.D
Acq: 29 Aug 2024 16:23

Tgt Ion: 78 Resp: 265858

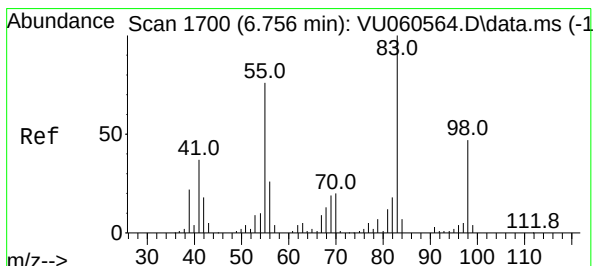
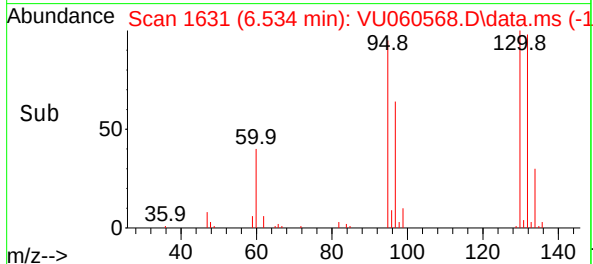
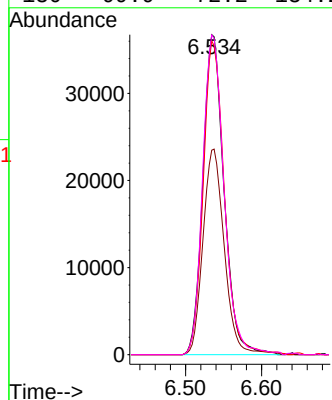
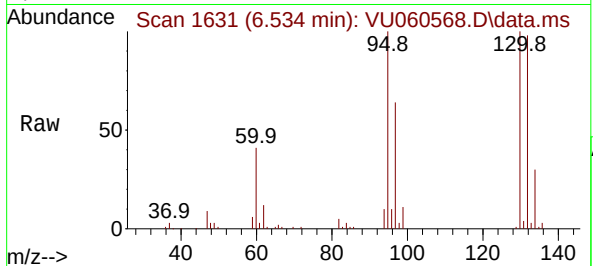




#34
Trichloroethene
Concen: 5.182 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU060568.D
Acq: 29 Aug 2024 16:23

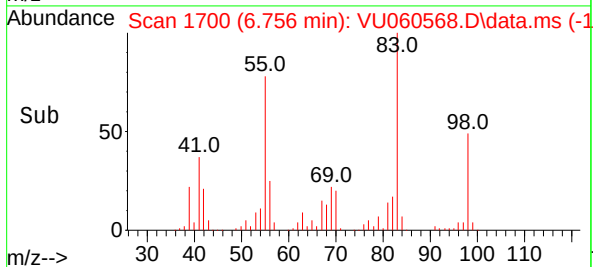
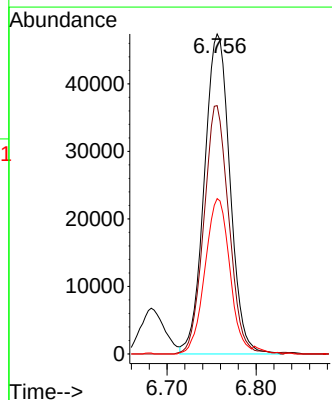
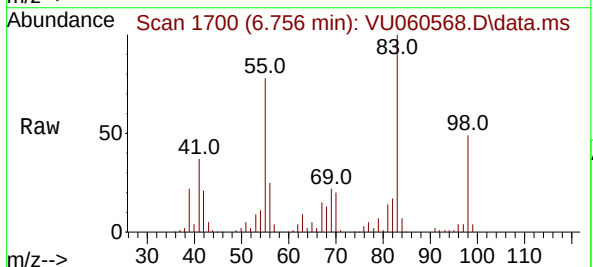
Instrument :
MSVOA_U
ClientSampleId :

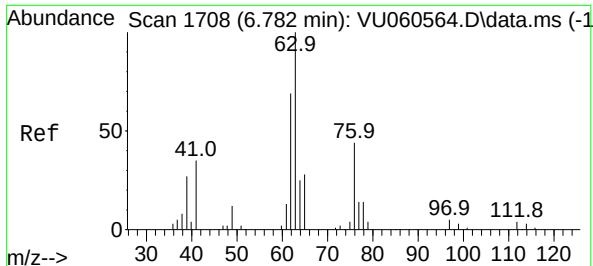
Tgt Ion: 95 Resp: 71096
Ion Ratio Lower Upper
95 100
97 63.9 45.8 85.2
132 98.0 67.4 125.2
130 99.9 72.2 134.2



#35
Methylcyclohexane
Concen: 5.037 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VU060568.D
Acq: 29 Aug 2024 16:23

Tgt Ion: 83 Resp: 94826
Ion Ratio Lower Upper
83 100
55 75.5 65.8 98.8
98 46.9 37.8 56.8

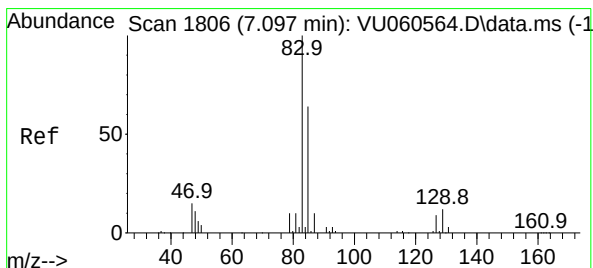
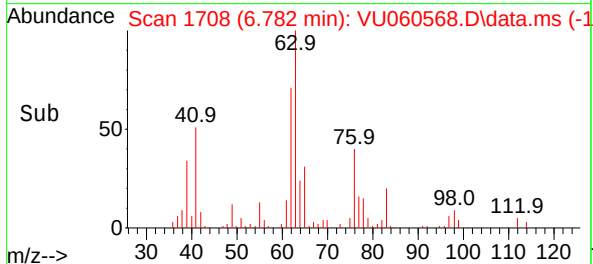
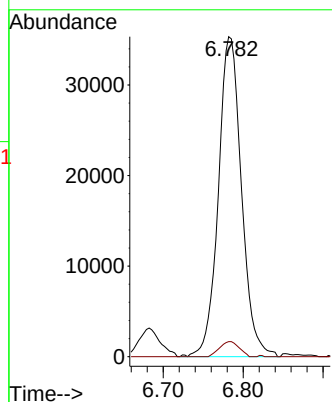
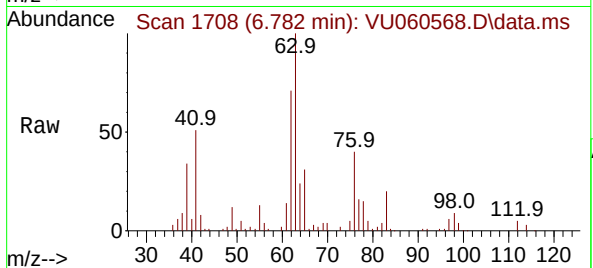




#37
1,2-Dichloropropane
Concen: 5.465 ug/L
RT: 6.782 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU060568.D
Acq: 29 Aug 2024 16:23

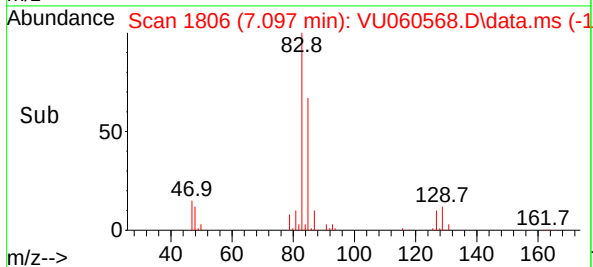
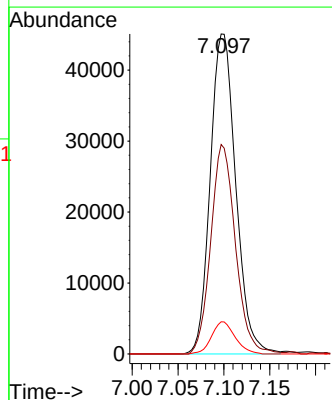
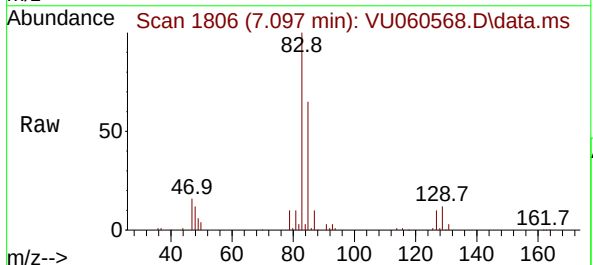
Instrument :
MSVOA_U
ClientSampleId :

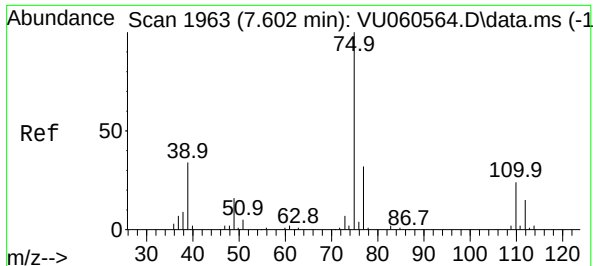
Tgt Ion: 63 Resp: 70880
Ion Ratio Lower Upper
63 100
112 4.0 2.3 3.5#



#38
Bromodichloromethane
Concen: 5.122 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU060568.D
Acq: 29 Aug 2024 16:23

Tgt Ion: 83 Resp: 87299
Ion Ratio Lower Upper
83 100
85 65.5 44.9 83.5
127 10.0 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 4.955 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VU060568.D

Acq: 29 Aug 2024 16:23

Instrument :

MSVOA_U

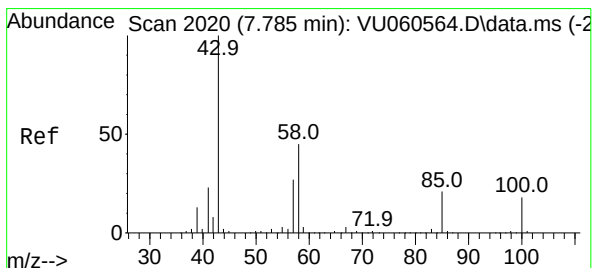
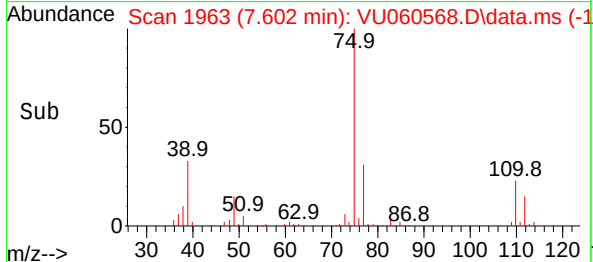
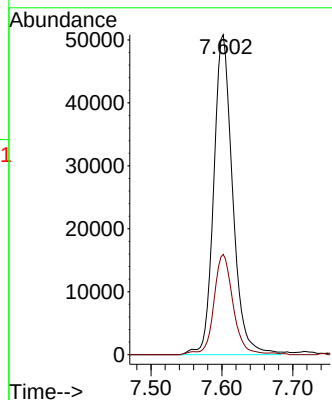
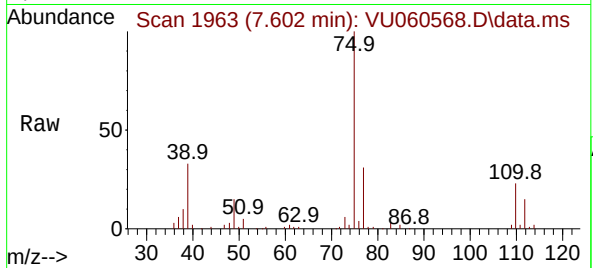
ClientSampleId :

Tgt Ion: 75 Resp: 94228

Ion Ratio Lower Upper

75 100

77 31.4 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 47.245 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. 0.000 min

Lab File: VU060568.D

Acq: 29 Aug 2024 16:23

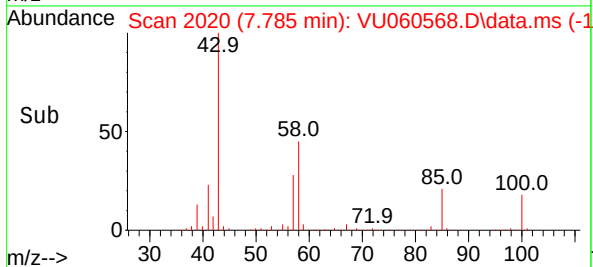
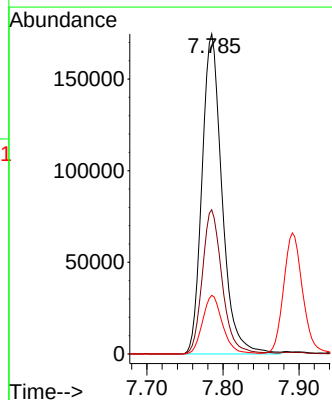
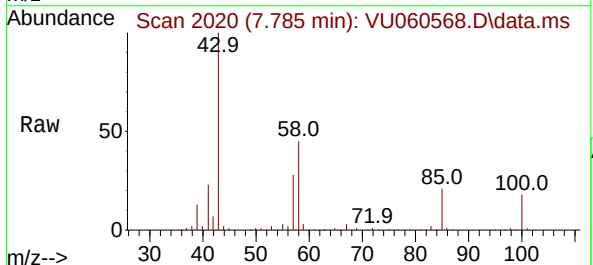
Tgt Ion: 43 Resp: 319130

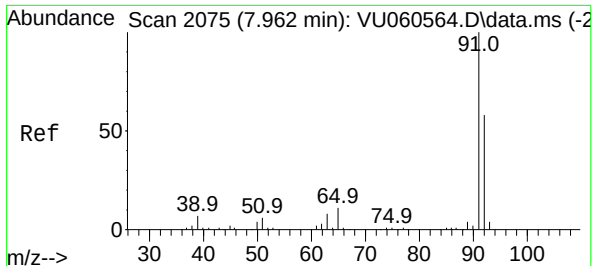
Ion Ratio Lower Upper

43 100

58 44.9 32.5 48.7

100 18.3 12.5 18.7

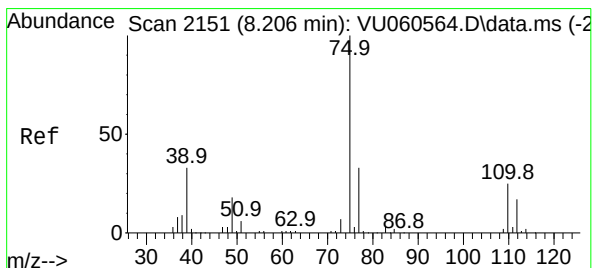
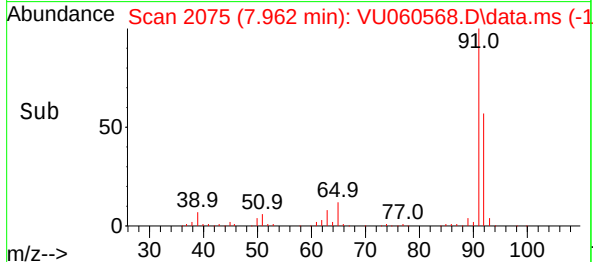
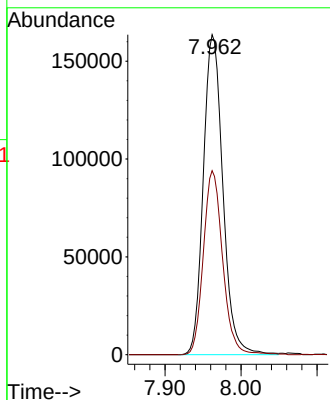
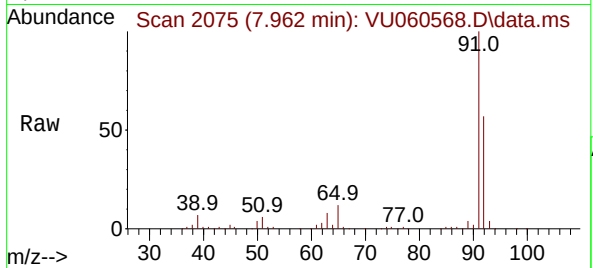




#42
Toluene
Concen: 5.472 ug/L
RT: 7.962 min Scan# 2075
Delta R.T. 0.000 min
Lab File: VU060568.D
Acq: 29 Aug 2024 16:23

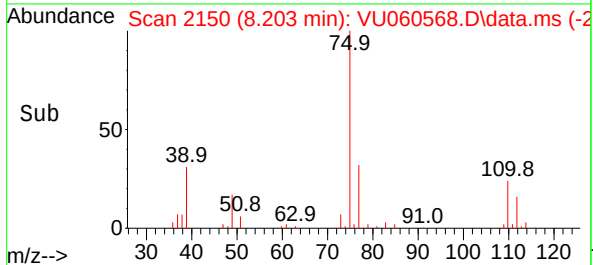
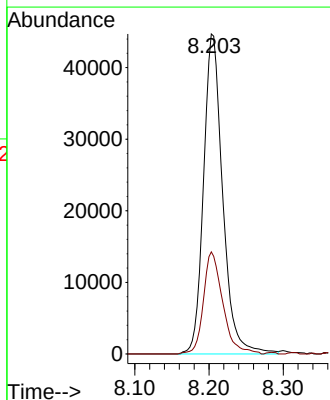
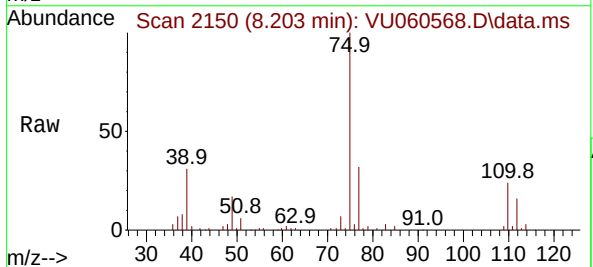
Instrument :
MSVOA_U
ClientSampleId :

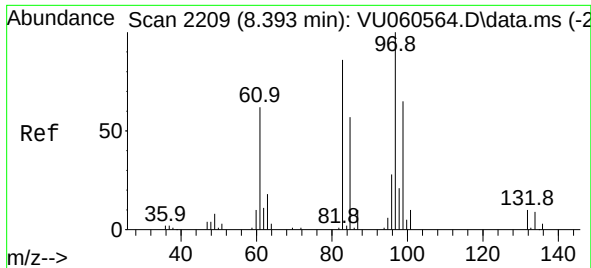
Tgt Ion: 91 Resp: 292672
Ion Ratio Lower Upper
91 100
92 57.5 38.0 70.6



#44
trans-1,3-Dichloropropene
Concen: 5.129 ug/L
RT: 8.203 min Scan# 2150
Delta R.T. -0.003 min
Lab File: VU060568.D
Acq: 29 Aug 2024 16:23

Tgt Ion: 75 Resp: 80068
Ion Ratio Lower Upper
75 100
77 31.9 23.4 43.6

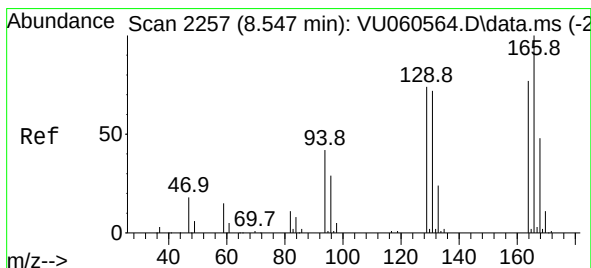
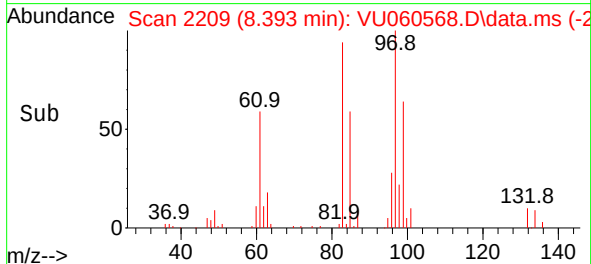
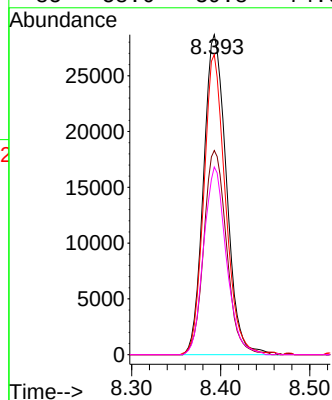
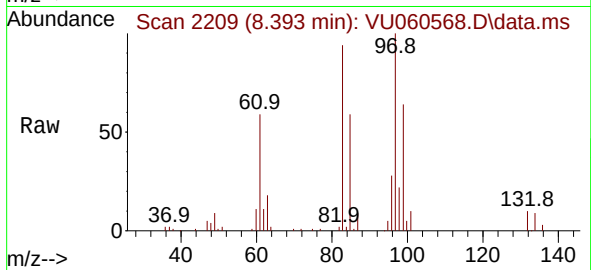




#45
1,1,2-Trichloroethane
Concen: 5.439 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU060568.D
Acq: 29 Aug 2024 16:23

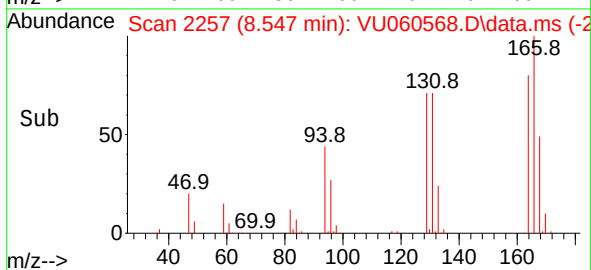
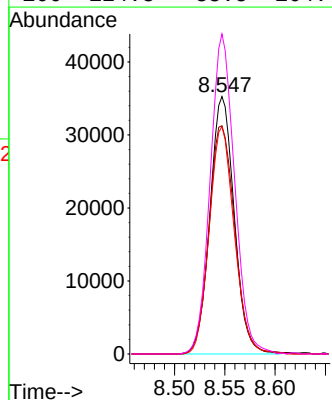
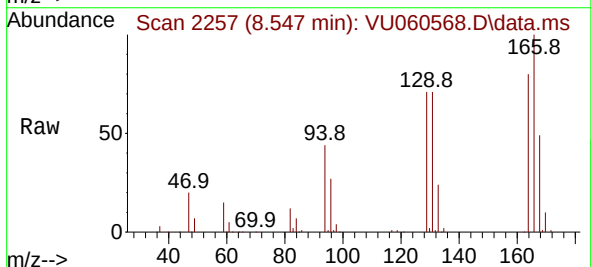
Instrument :
MSVOA_U
ClientSampleId :

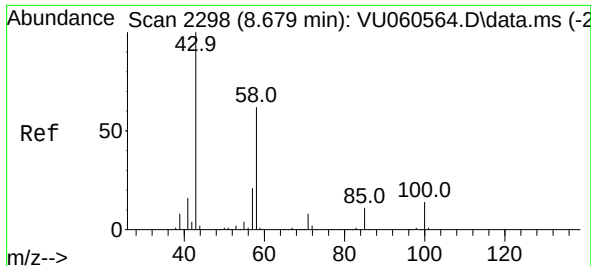
Tgt Ion:	97	Resp:	51105
Ion	Ratio	Lower	Upper
97	100		
99	63.8	42.4	78.8
83	93.8	64.0	119.0
85	58.6	39.8	74.0



#47
Tetrachloroethene
Concen: 5.274 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU060568.D
Acq: 29 Aug 2024 16:23

Tgt Ion:	164	Resp:	59306
Ion	Ratio	Lower	Upper
164	100		
129	88.6	67.8	125.8
131	88.4	67.2	124.8
166	124.3	88.5	164.4

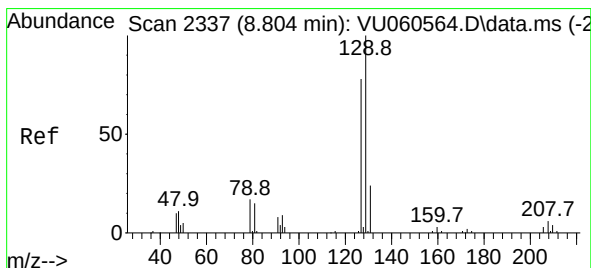
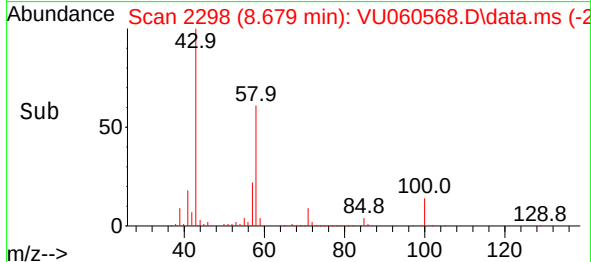
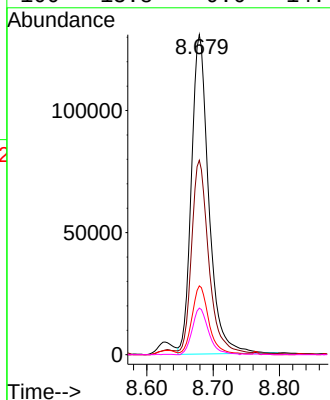
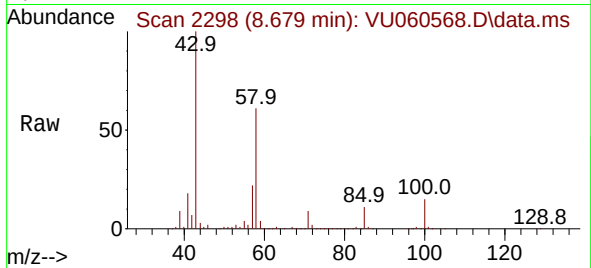




#48
2-Hexanone
Concen: 47.019 ug/L
RT: 8.679 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VU060568.D
Acq: 29 Aug 2024 16:23

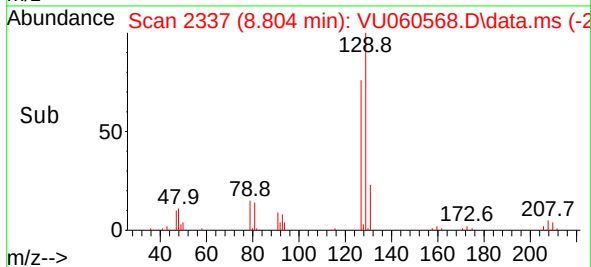
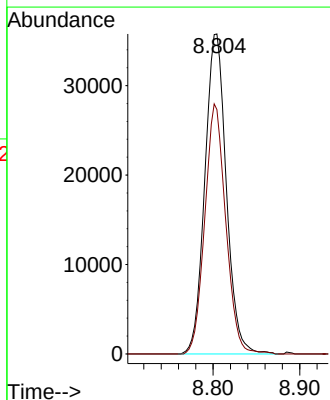
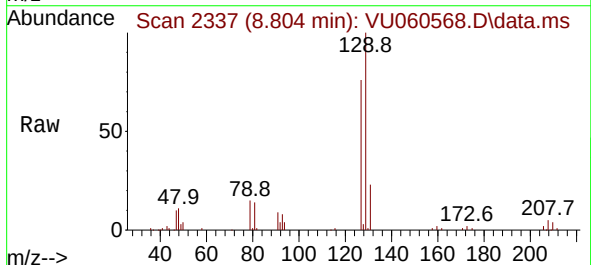
Instrument :
MSVOA_U
ClientSampleId :

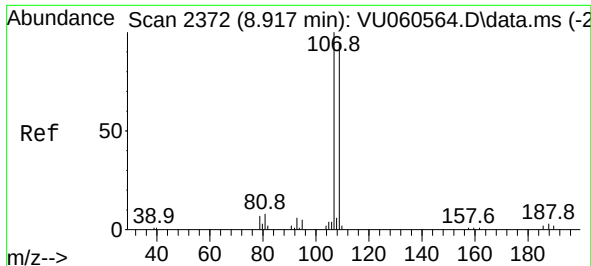
Tgt Ion: 43 Resp: 237691
Ion Ratio Lower Upper
43 100
58 61.0 45.6 68.4
57 20.6 15.6 23.4
100 13.8 9.6 14.4



#49
Dibromochloromethane
Concen: 5.653 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU060568.D
Acq: 29 Aug 2024 16:23

Tgt Ion:129 Resp: 61487
Ion Ratio Lower Upper
129 100
127 76.4 53.0 98.4





#50

1,2-Dibromoethane

Concen: 5.716 ug/L

RT: 8.917 min Scan# 2372

Delta R.T. 0.000 min

Lab File: VU060568.D

Acq: 29 Aug 2024 16:23

Instrument :

MSVOA_U

ClientSampleId :

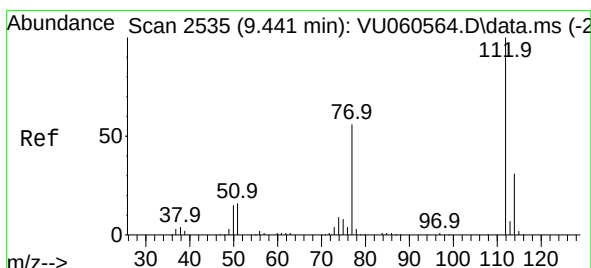
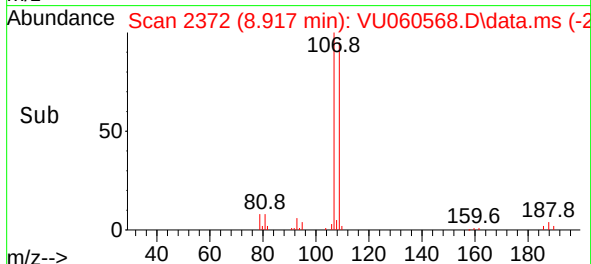
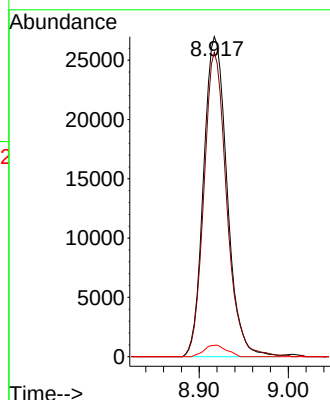
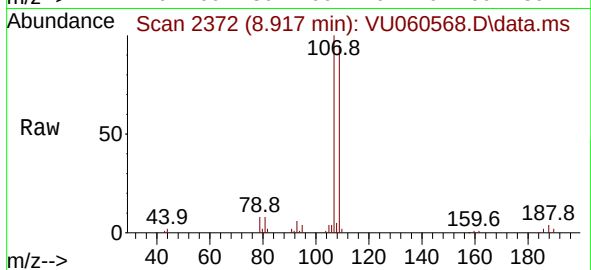
Tgt Ion:107 Resp: 49299

Ion Ratio Lower Upper

107 100

109 95.1 68.5 127.3

188 3.6 3.9 5.9#



#51

Chlorobenzene

Concen: 5.303 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. 0.000 min

Lab File: VU060568.D

Acq: 29 Aug 2024 16:23

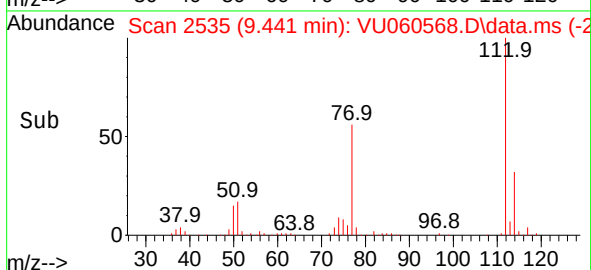
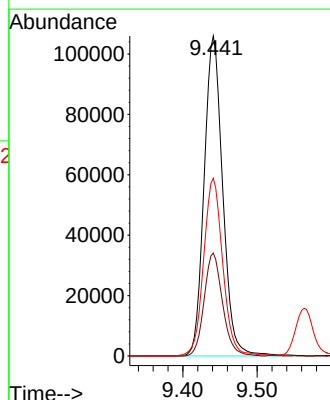
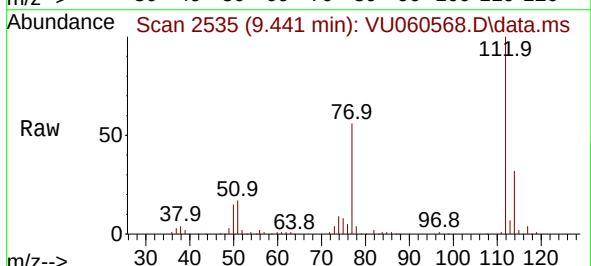
Tgt Ion:112 Resp: 183611

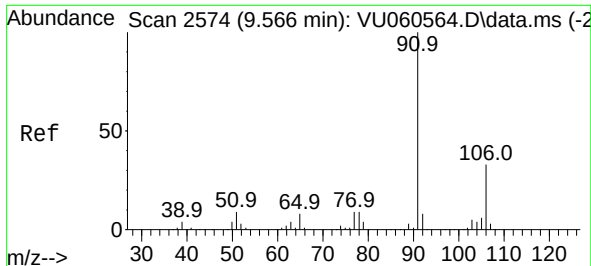
Ion Ratio Lower Upper

112 100

114 32.2 21.9 40.7

77 55.6 47.4 71.2





#52

Ethylbenzene

Concen: 5.035 ug/L

RT: 9.563 min Scan# 2574

Delta R.T. -0.003 min

Lab File: VU060568.D

Acq: 29 Aug 2024 16:23

Instrument :

MSVOA_U

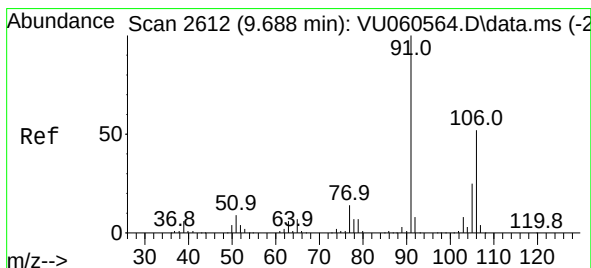
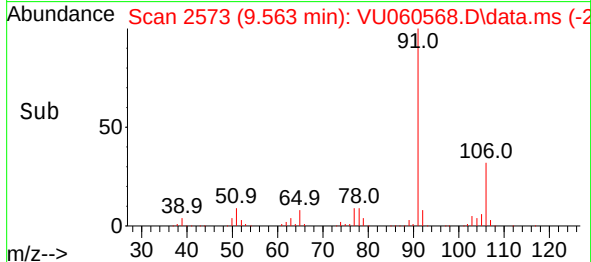
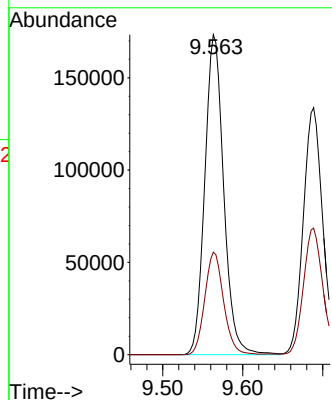
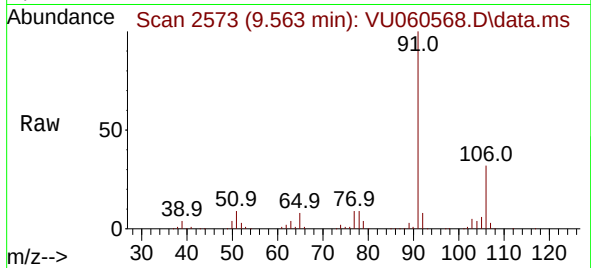
ClientSampleId :

Tgt Ion: 91 Resp: 285389

Ion Ratio Lower Upper

91 100

106 32.0 21.9 40.7



#53

m,p-Xylene

Concen: 5.557 ug/L

RT: 9.689 min Scan# 2612

Delta R.T. 0.000 min

Lab File: VU060568.D

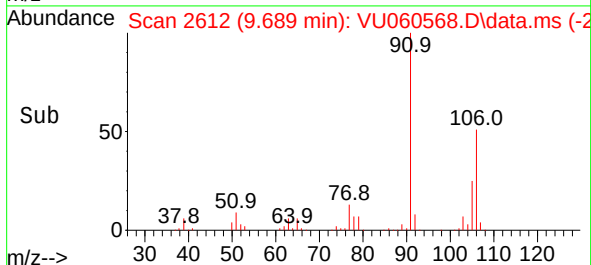
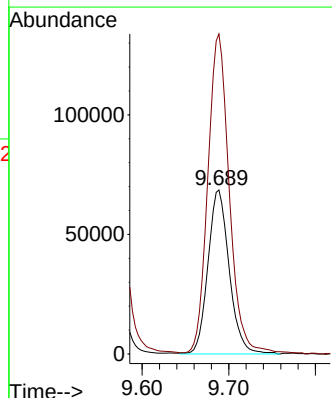
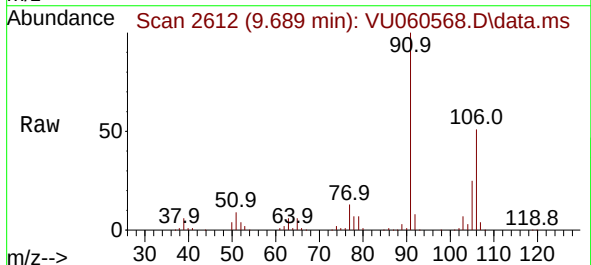
Acq: 29 Aug 2024 16:23

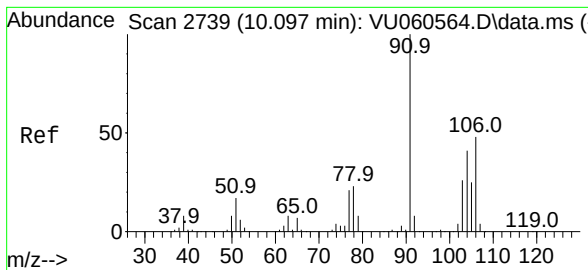
Tgt Ion:106 Resp: 117108

Ion Ratio Lower Upper

106 100

91 195.1 141.5 262.9

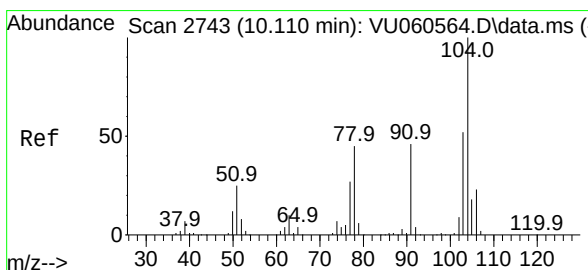
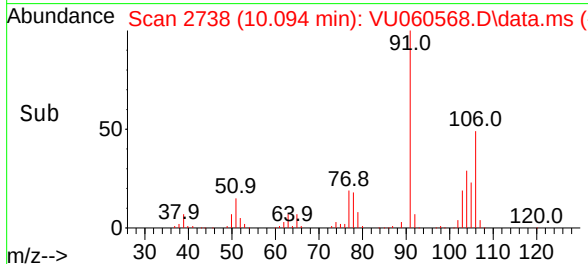
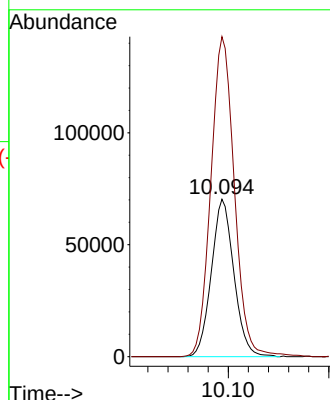
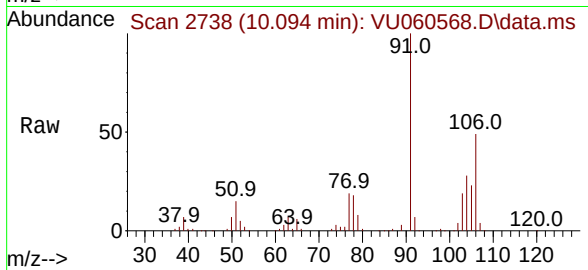




#54
o-Xylene
Concen: 5.076 ug/L
RT: 10.094 min Scan# 2739
Delta R.T. -0.003 min
Lab File: VU060568.D
Acq: 29 Aug 2024 16:23

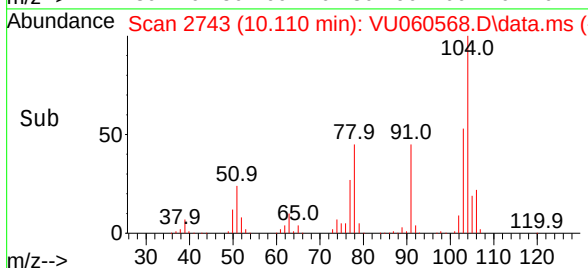
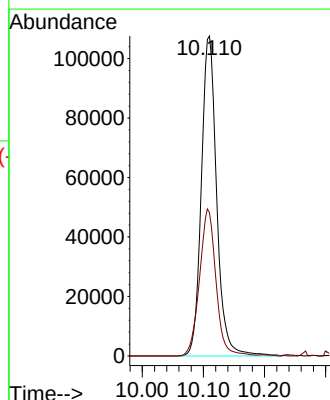
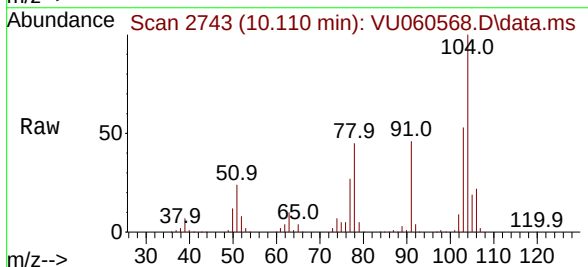
Instrument :
MSVOA_U
ClientSampleId :

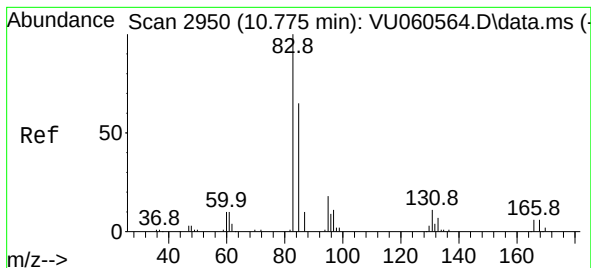
Tgt Ion:106 Resp: 109518
Ion Ratio Lower Upper
106 100
91 203.3 151.1 280.7



#55
Styrene
Concen: 5.315 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU060568.D
Acq: 29 Aug 2024 16:23

Tgt Ion:104 Resp: 187888
Ion Ratio Lower Upper
104 100
78 44.8 33.3 61.9





#57

1,1,2,2-Tetrachloroethane

Concen: 5.070 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU060568.D

Acq: 29 Aug 2024 16:23

Instrument :

MSVOA_U

ClientSampleId :

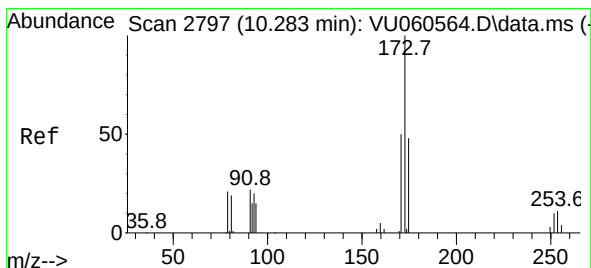
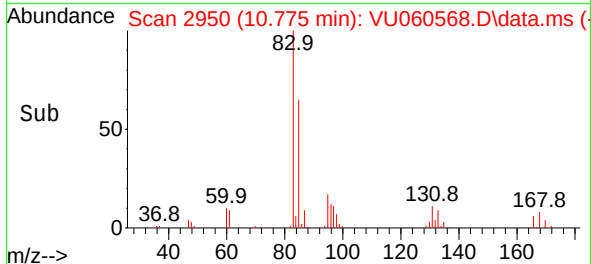
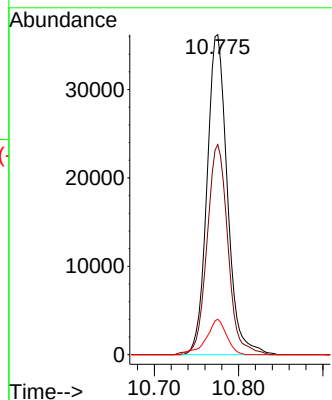
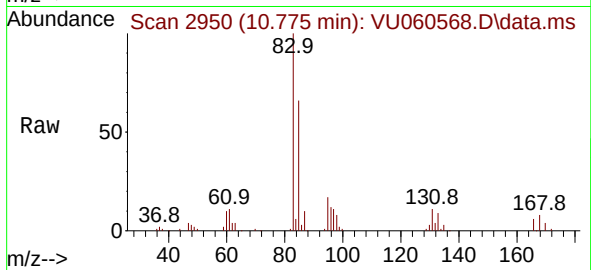
Tgt Ion: 83 Resp: 60824

Ion Ratio Lower Upper

83 100

85 65.6 43.3 80.5

131 11.1 8.9 13.3



#59

Bromoform

Concen: 5.499 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VU060568.D

Acq: 29 Aug 2024 16:23

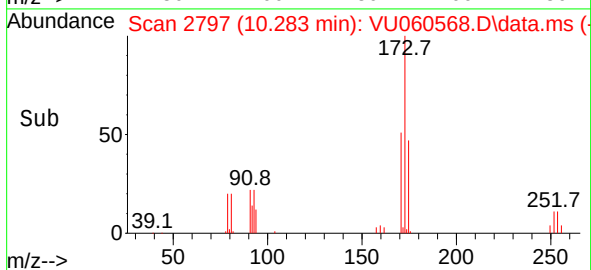
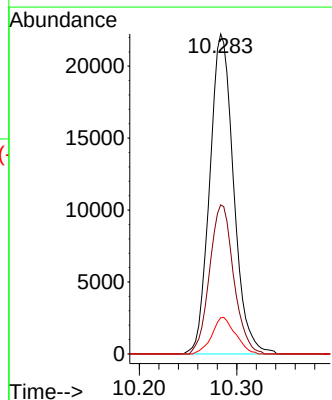
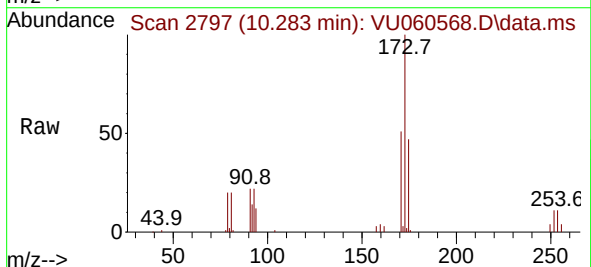
Tgt Ion:173 Resp: 37934

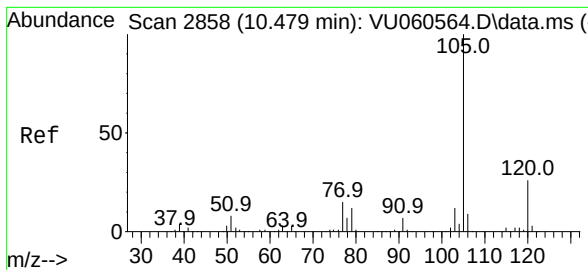
Ion Ratio Lower Upper

173 100

175 46.9 39.8 59.8

254 11.3 8.2 12.2





#60

Isopropylbenzene

Concen: 5.105 ug/L

RT: 10.480 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU060568.D

Acq: 29 Aug 2024 16:23

Instrument :

MSVOA_U

ClientSampleId :

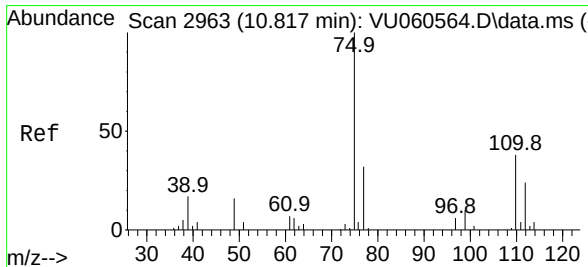
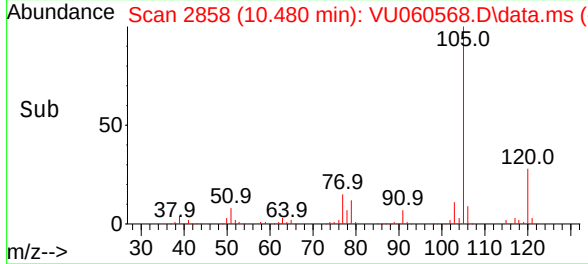
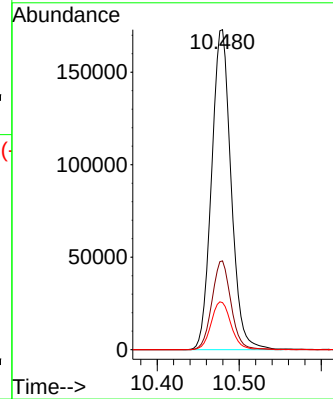
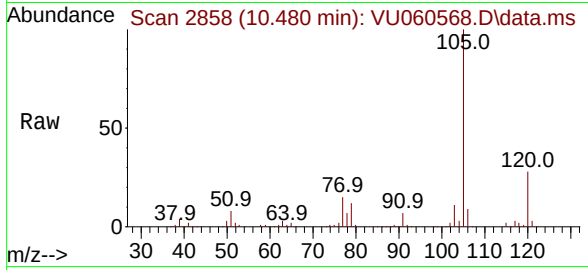
Tgt Ion:105 Resp: 286236

Ion Ratio Lower Upper

105 100

120 27.2 21.0 31.4

77 15.3 13.0 19.4



#61

1,2,3-Trichloropropane

Concen: 5.291 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. -0.003 min

Lab File: VU060568.D

Acq: 29 Aug 2024 16:23

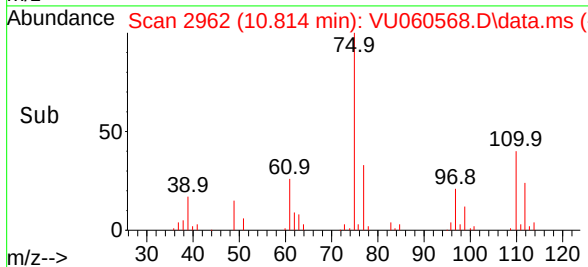
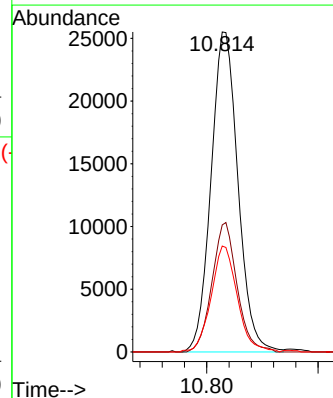
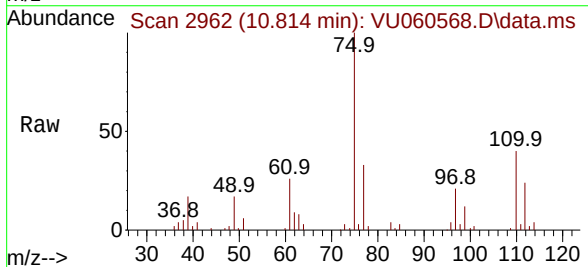
Tgt Ion: 75 Resp: 42834

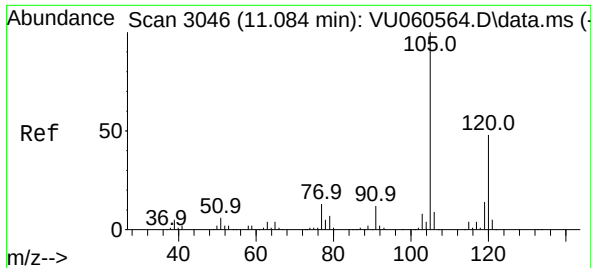
Ion Ratio Lower Upper

75 100

110 37.7 30.2 45.4

77 32.2 25.4 38.2





#62

1,3,5-Trimethylbenzene

Concen: 5.204 ug/L

RT: 11.081 min Scan# 3046

Delta R.T. -0.003 min

Lab File: VU060568.D

Acq: 29 Aug 2024 16:23

Instrument :

MSVOA_U

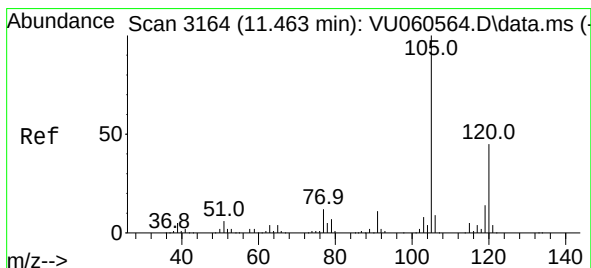
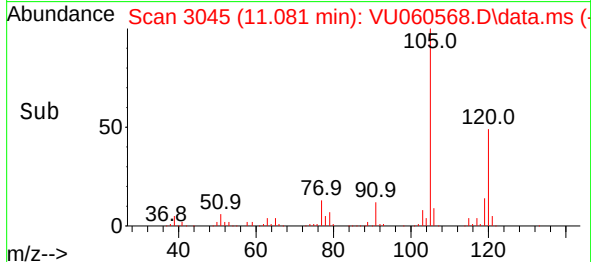
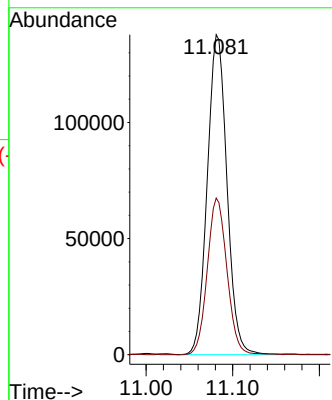
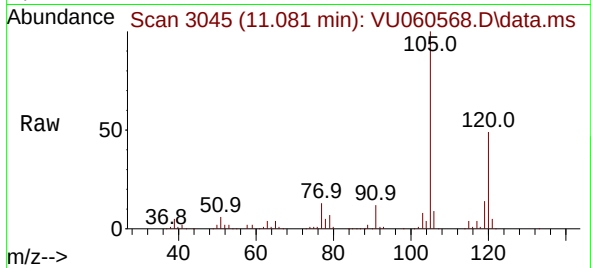
ClientSampleId :

Tgt Ion:105 Resp: 217504

Ion Ratio Lower Upper

105 100

120 48.9 37.4 56.0



#63

1,2,4-Trimethylbenzene

Concen: 5.105 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.003 min

Lab File: VU060568.D

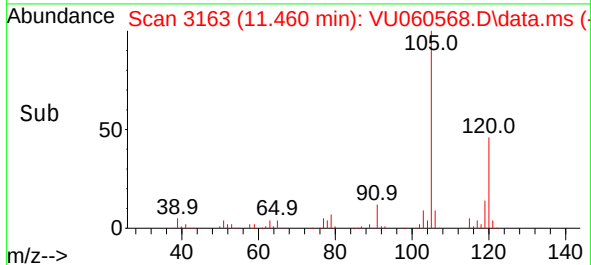
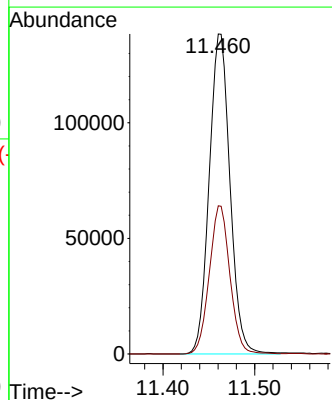
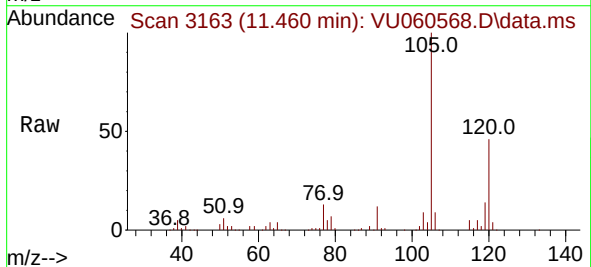
Acq: 29 Aug 2024 16:23

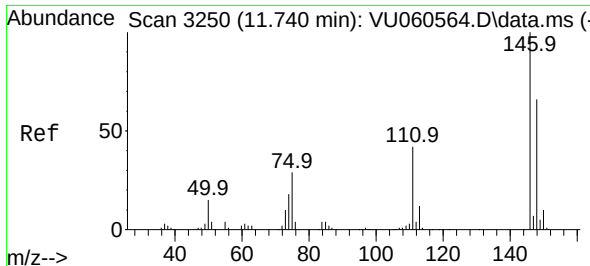
Tgt Ion:105 Resp: 217629

Ion Ratio Lower Upper

105 100

120 46.0 35.7 53.5

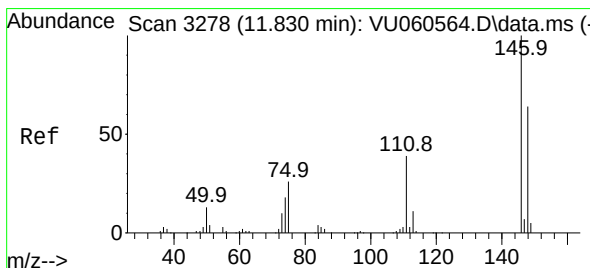
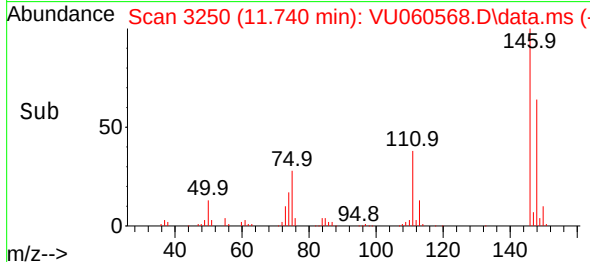
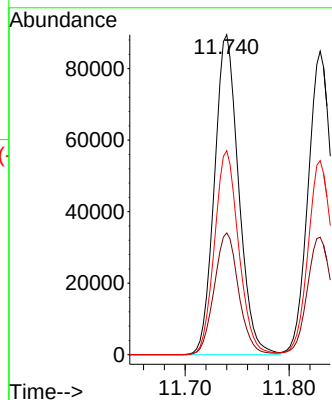
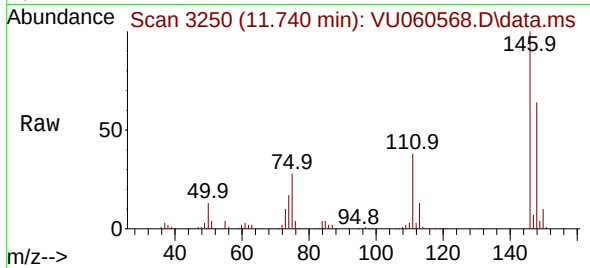




#64
1,3-Dichlorobenzene
Concen: 5.284 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. 0.000 min
Lab File: VU060568.D
Acq: 29 Aug 2024 16:23

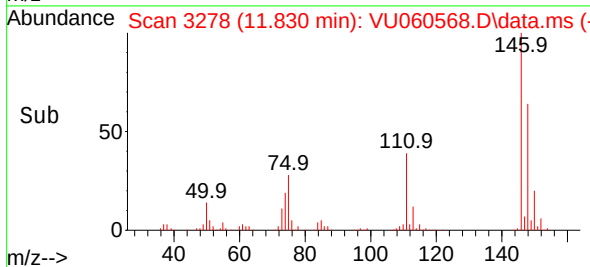
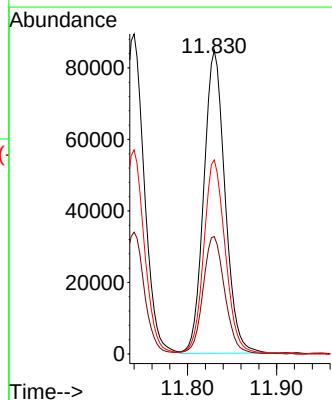
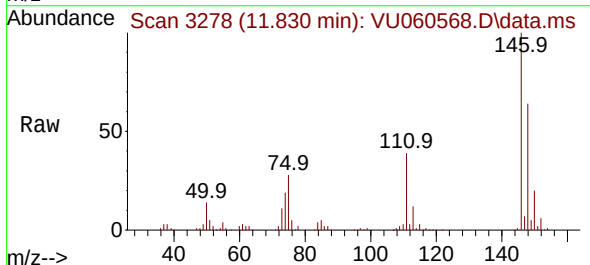
Instrument :
MSVOA_U
ClientSampleId :

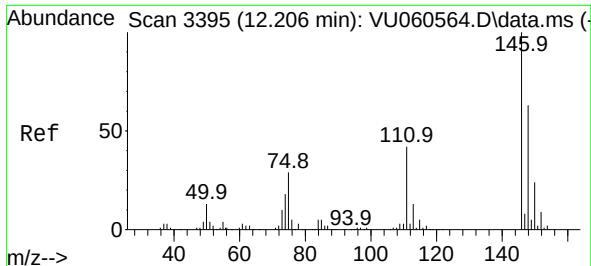
Tgt Ion:146 Resp: 144994
Ion Ratio Lower Upper
146 100
111 38.1 27.9 51.9
148 63.8 43.5 80.7



#65
1,4-Dichlorobenzene
Concen: 5.025 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU060568.D
Acq: 29 Aug 2024 16:23

Tgt Ion:146 Resp: 139947
Ion Ratio Lower Upper
146 100
111 38.7 27.2 50.4
148 64.0 43.6 81.0





#67

1,2-Dichlorobenzene

Concen: 5.161 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU060568.D

Acq: 29 Aug 2024 16:23

Instrument :

MSVOA_U

ClientSampleId :

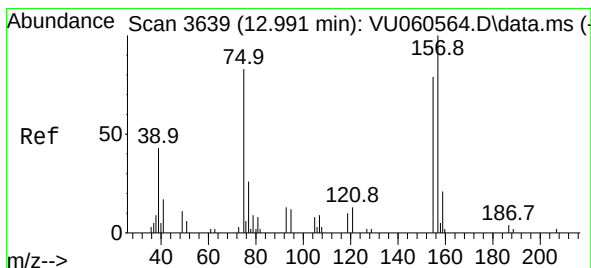
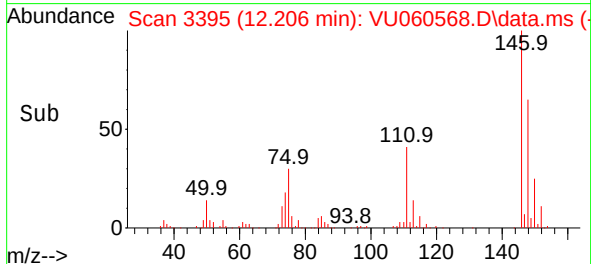
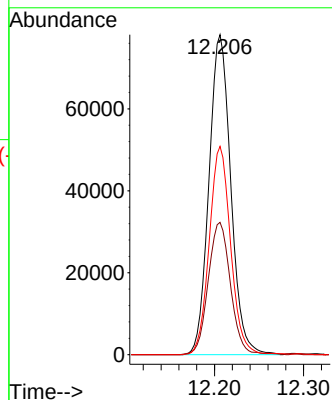
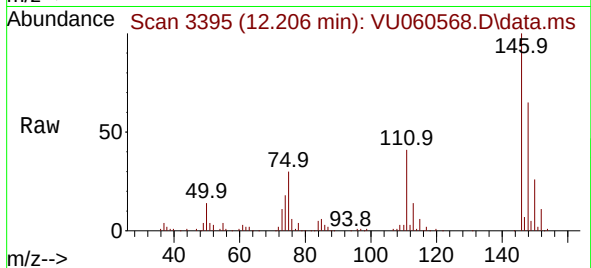
Tgt Ion:146 Resp: 132869

Ion Ratio Lower Upper

146 100

111 41.3 34.6 52.0

148 65.1 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 4.704 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU060568.D

Acq: 29 Aug 2024 16:23

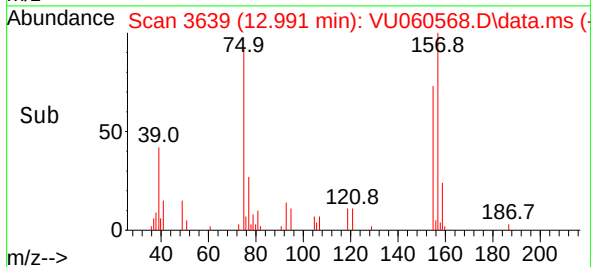
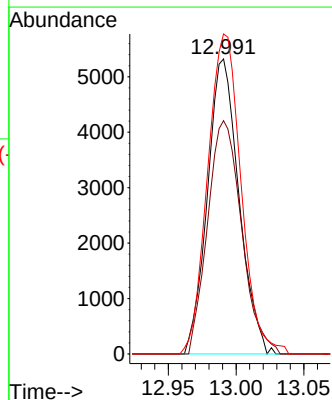
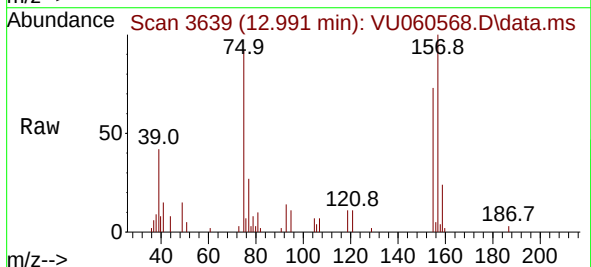
Tgt Ion: 75 Resp: 8596

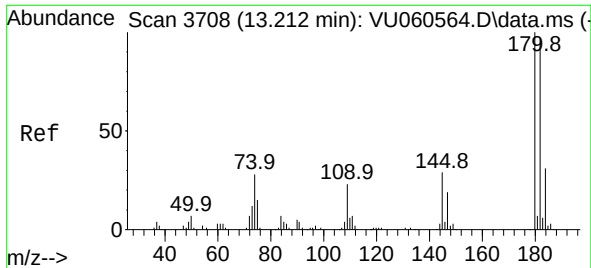
Ion Ratio Lower Upper

75 100

155 79.1 62.7 94.1

157 108.4 70.4 105.6#





#69

1,3,5-Trichlorobenzene

Concen: 4.773 ug/L

RT: 13.213 min Scan# 31

Delta R.T. 0.000 min

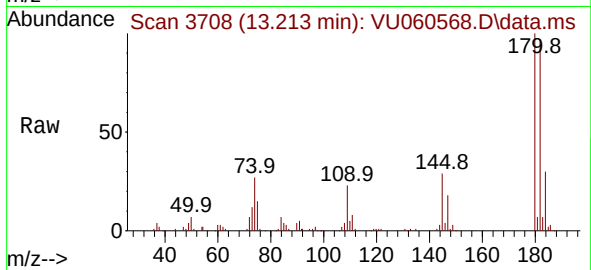
Lab File: VU060568.D

Acq: 29 Aug 2024 16:23

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 101004

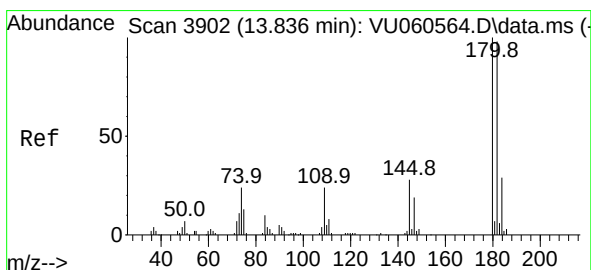
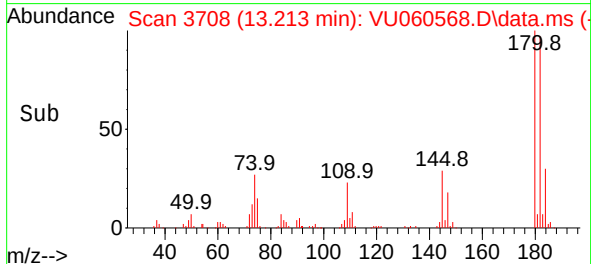
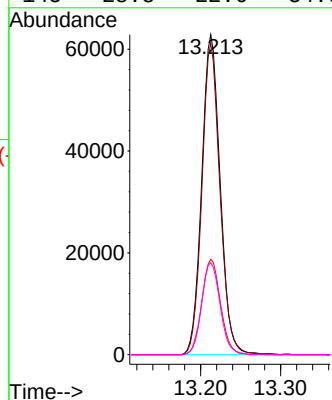
Ion Ratio Lower Upper

180 100

182 95.1 77.6 116.4

184 30.2 24.9 37.3

145 28.8 22.6 34.0



#70

1,2,4-trichlorobenzene

Concen: 4.429 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.003 min

Lab File: VU060568.D

Acq: 29 Aug 2024 16:23

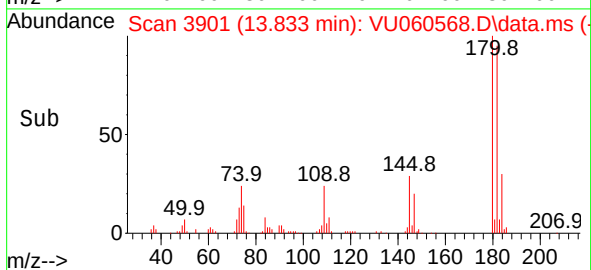
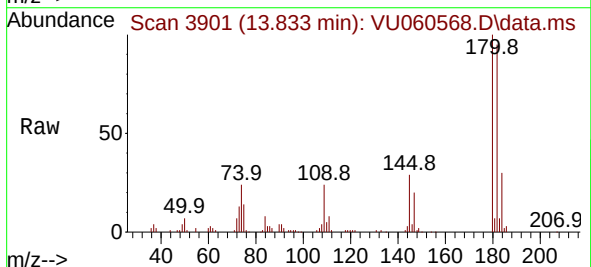
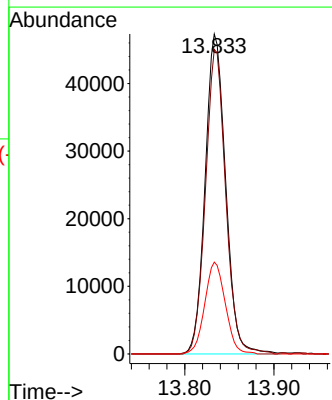
Tgt Ion:180 Resp: 75610

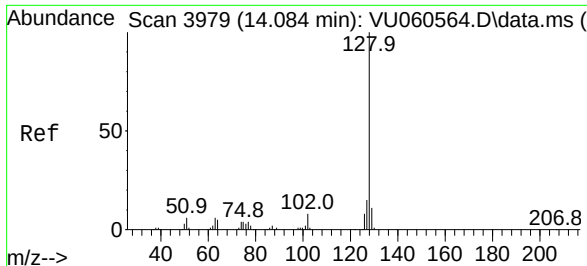
Ion Ratio Lower Upper

180 100

182 93.9 77.3 115.9

145 28.8 23.9 35.9

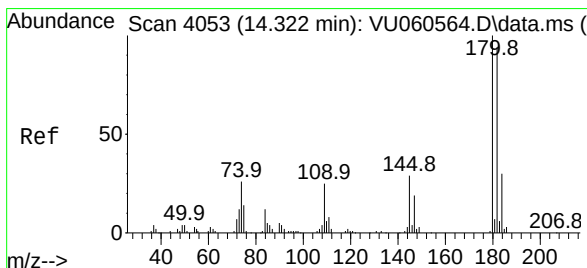
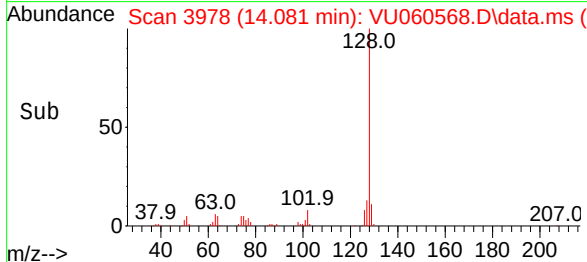
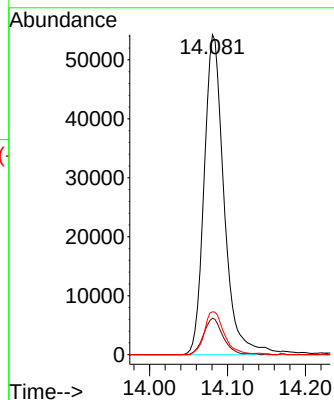
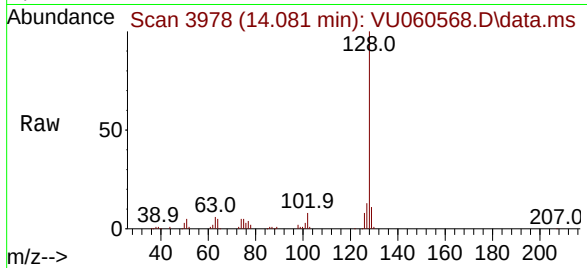




#71
Naphthalene
Concen: 4.426 ug/L
RT: 14.081 min Scan# 3979
Delta R.T. -0.003 min
Lab File: VU060568.D
Acq: 29 Aug 2024 16:23

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 96547
Ion Ratio Lower Upper
128 100
129 11.0 8.5 12.7
127 13.3 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.720 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU060568.D
Acq: 29 Aug 2024 16:23

Tgt Ion:180 Resp: 67433
Ion Ratio Lower Upper
180 100
182 95.3 76.0 114.0
145 30.4 24.3 36.5

