

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091024\
 Data File : VU060674.D
 Acq On : 10 Sep 2024 18:17
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 11 02:50:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 11 02:46:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	104554	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	111419	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	57865	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	26553	5.750	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	115.000%
7) Chloroethane-d5	1.911	69	27006	3.860	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.200%
11) 1,1-Dichloroethene-d2	2.563	65	12963	4.763	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.200%
20) 2-Butanone-d5	4.637	46	79854	50.286	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.580%
24) Chloroform-d	5.055	84	74034	5.623	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.400%
26) 1,2-Dichloroethane-d4	5.695	65	37744	5.494	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.800%
32) Benzene-d6	5.721	84	134865	5.535	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.800%
36) 1,2-Dichloropropane-d6	6.682	67	42153	5.362	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.200%
41) Toluene-d8	7.891	98	129042	5.646	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.000%
43) trans-1,3-Dichloroprop...	8.174	79	15477	5.502	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	110.000%
46) 2-Hexanone-d5	8.627	63	62775	46.610	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.220%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	35193	5.031	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	45758	5.363	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	58987	4.972	ug/L	98
3) Chloromethane	1.518	50	57133	5.558	ug/L	100
5) Vinyl chloride	1.602	62	60411	5.968	ug/L	99
6) Bromomethane	1.856	94	38295	3.759	ug/L	91
8) Chloroethane	1.930	64	34917	3.781	ug/L	100
9) Trichlorofluoromethane	2.136	101	93734	4.259	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	46273	4.970	ug/L	99
12) 1,1-Dichloroethene	2.576	96	40513	4.728	ug/L	92
13) Acetone	2.650	43	69534	52.328	ug/L	90
14) Carbon disulfide	2.788	76	114730	4.126	ug/L	98
15) Methyl Acetate	2.962	43	16372	6.025	ug/L	95
16) Methylene chloride	3.039	84	50792	6.102	ug/L	91
17) Methyl tert-butyl Ether	3.358	73	100853	5.799	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	41527	5.567	ug/L	98
19) 1,1-Dichloroethane	3.859	63	87758	5.805	ug/L	96
21) 2-Butanone	4.718	43	103988	57.225	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	46761	5.625	ug/L	98
23) Bromochloromethane	4.968	128	22570	5.974	ug/L #	96
25) Chloroform	5.081	83	94896	5.931	ug/L	95

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Quant Time: Sep 11 02:50:12 2024
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 11 02:46:13 2024
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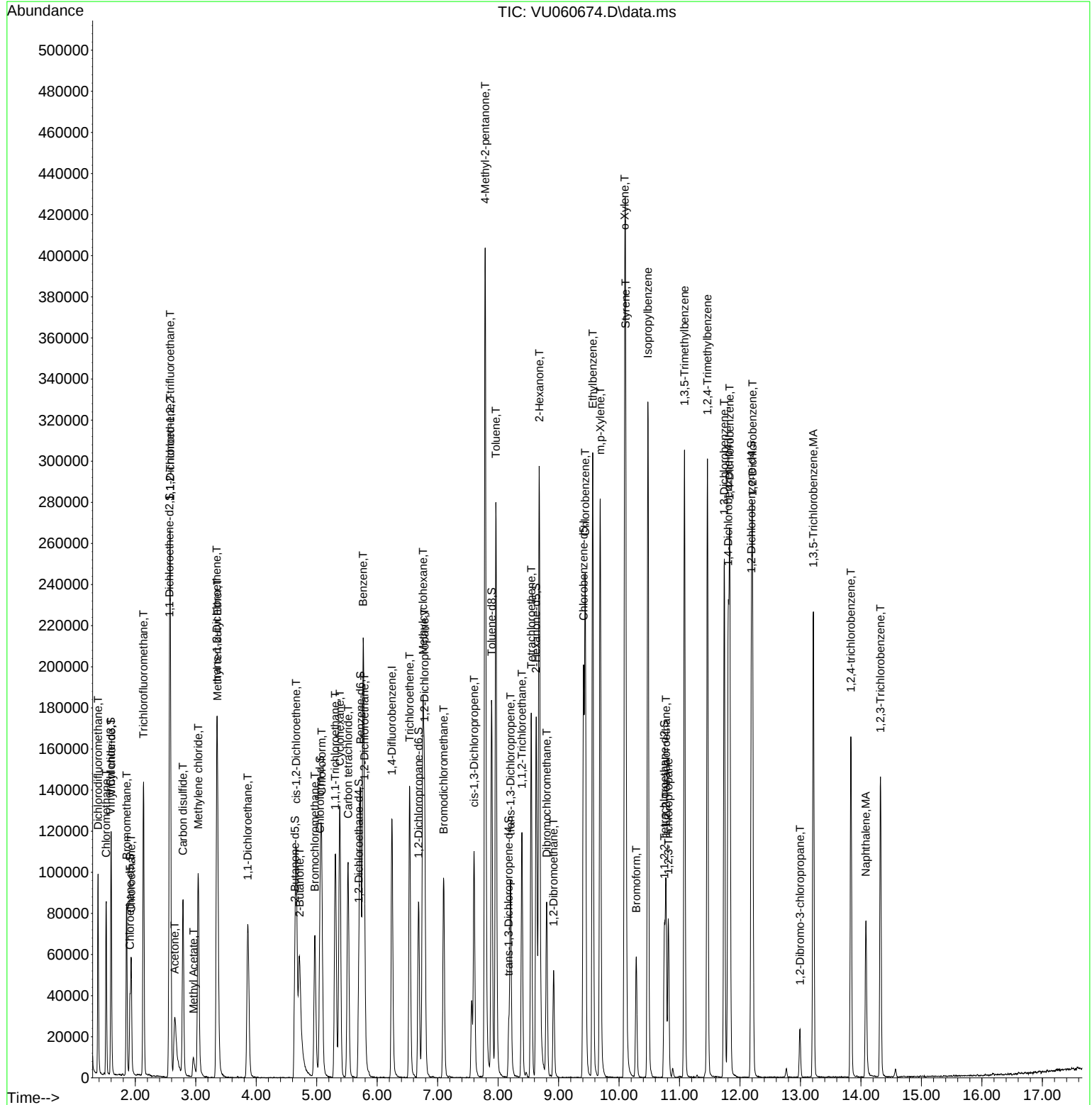
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	59736	5.563	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	81360	5.332	ug/L	95
30) Cyclohexane	5.383	56	60406	4.781	ug/L	98
31) Carbon tetrachloride	5.518	117	74281	5.267	ug/L	99
33) Benzene	5.766	78	187962	5.319	ug/L	100
34) Trichloroethene	6.534	95	48457	5.059	ug/L	99
35) Methylcyclohexane	6.756	83	64259	4.889	ug/L	98
37) 1,2-Dichloropropane	6.782	63	51916	5.733	ug/L #	95
38) Bromodichloromethane	7.097	83	67457	5.669	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	67433	5.079	ug/L	96
40) 4-Methyl-2-pentanone	7.785	43	264409	56.068	ug/L	99
42) Toluene	7.962	91	208325	5.579	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	59466	5.456	ug/L	94
45) 1,1,2-Trichloroethane	8.393	97	37099	5.656	ug/L	95
47) Tetrachloroethene	8.547	164	39611	5.045	ug/L	99
48) 2-Hexanone	8.679	43	191721	54.323	ug/L	99
49) Dibromochloromethane	8.801	129	44609	5.874	ug/L	99
50) 1,2-Dibromoethane	8.917	107	34456	5.722	ug/L #	95
51) Chlorobenzene	9.441	112	130504	5.398	ug/L	99
52) Ethylbenzene	9.563	91	212591	5.372	ug/L	98
53) m,p-Xylene	9.689	106	81991	5.573	ug/L	100
54) o-Xylene	10.094	106	80112	5.319	ug/L	99
55) Styrene	10.110	104	136579	5.534	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	46463	5.548	ug/L	97
59) Bromoform	10.283	173	26957	5.669	ug/L	98
60) Isopropylbenzene	10.476	105	212571	5.499	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	32445	5.813	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	161941	5.621	ug/L	97
63) 1,2,4-Trimethylbenzene	11.460	105	163015	5.546	ug/L	97
64) 1,3-Dichlorobenzene	11.740	146	103387	5.465	ug/L	95
65) 1,4-Dichlorobenzene	11.830	146	101903	5.308	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	97030	5.467	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.991	75	6464	5.130	ug/L	87
69) 1,3,5-Trichlorobenzene	13.213	180	73808	5.059	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	52767	4.483	ug/L	99
71) Naphthalene	14.081	128	70020	4.657	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	48109	4.884	ug/L	98

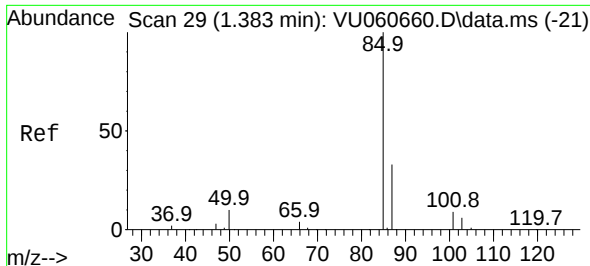
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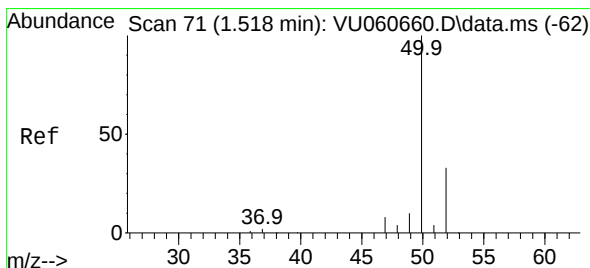
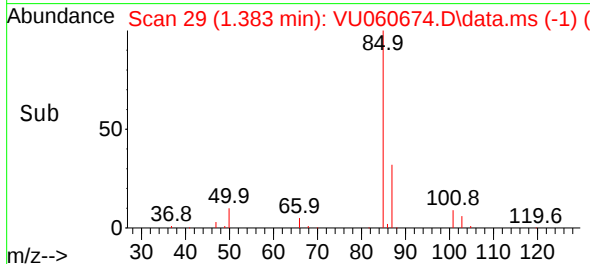
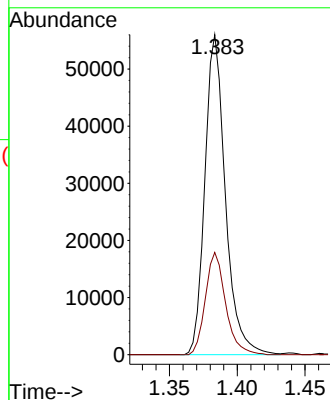
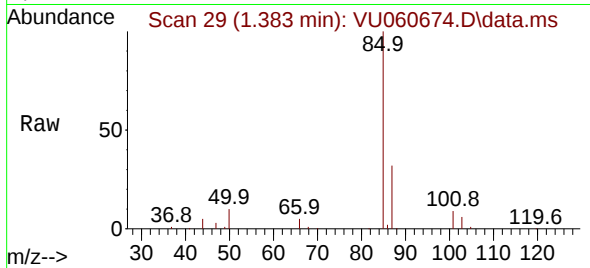




#2
 Dichlorodifluoromethane
 Concen: 4.972 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU060674.D
 Acq: 10 Sep 2024 18:17

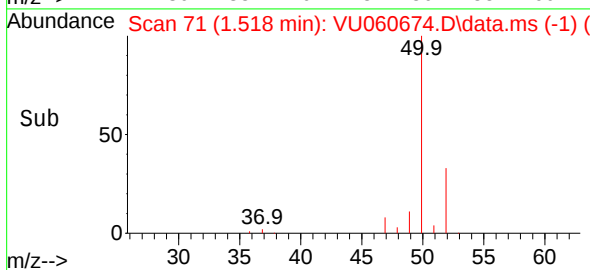
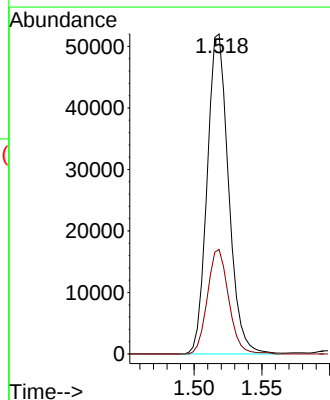
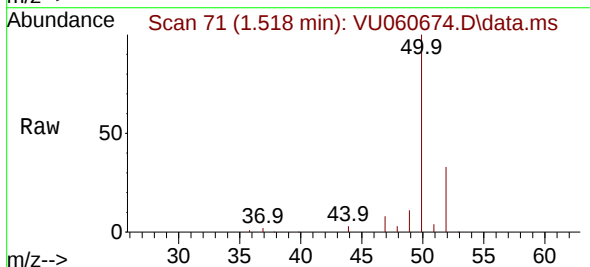
Instrument :
 MSVOA_U
 ClientSampleId :

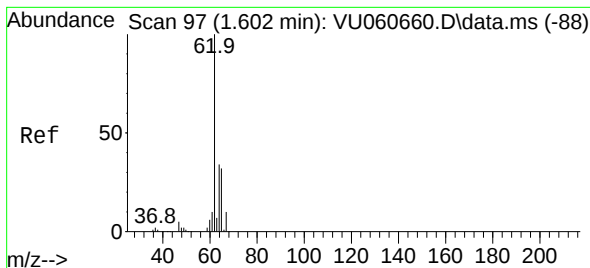
Tgt Ion: 85 Resp: 58987
 Ion Ratio Lower Upper
 85 100
 87 31.5 26.2 39.4



#3
 Chloromethane
 Concen: 5.558 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU060674.D
 Acq: 10 Sep 2024 18:17

Tgt Ion: 50 Resp: 57133
 Ion Ratio Lower Upper
 50 100
 52 32.7 22.7 42.1





#5

Vinyl chloride

Concen: 5.968 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU060674.D

Acq: 10 Sep 2024 18:17

Instrument :

MSVOA_U

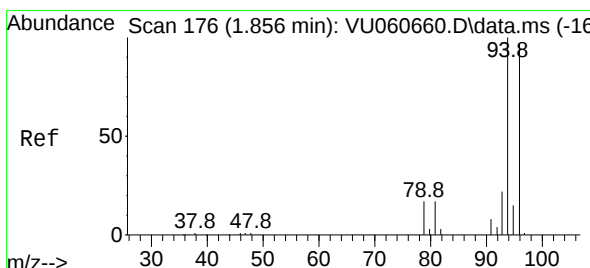
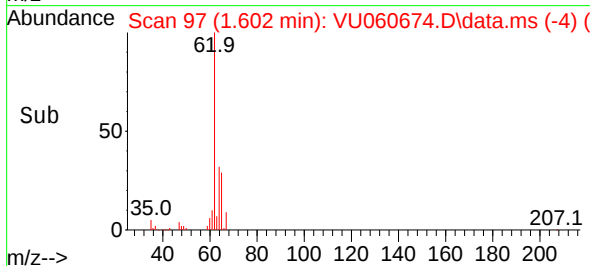
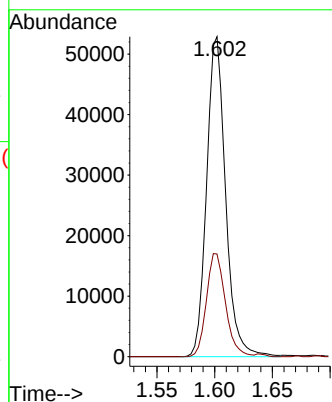
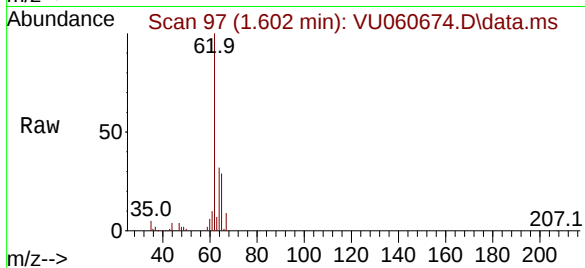
ClientSampleId :

Tgt Ion: 62 Resp: 60411

Ion Ratio Lower Upper

62 100

64 32.1 22.0 40.8



#6

Bromomethane

Concen: 3.759 ug/L

RT: 1.856 min Scan# 176

Delta R.T. -0.000 min

Lab File: VU060674.D

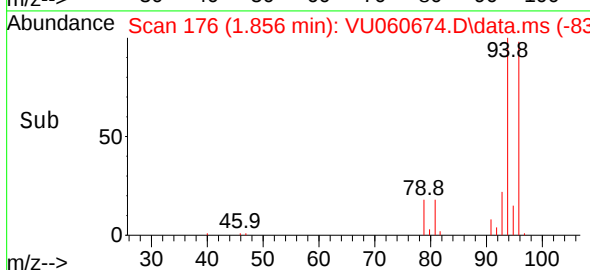
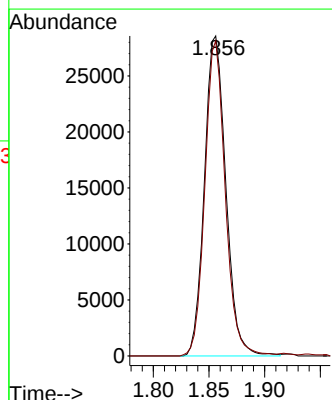
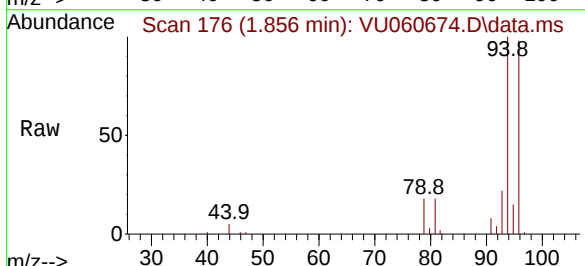
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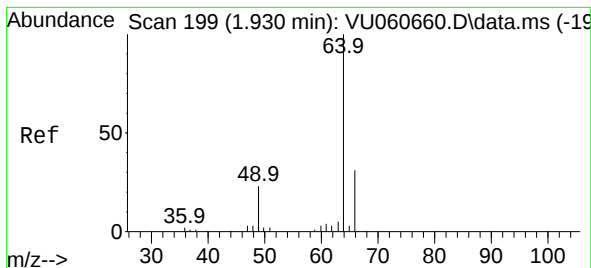
Tgt Ion: 94 Resp: 38295

Ion Ratio Lower Upper

94 100

96 98.4 63.3 117.5





#8

Chloroethane

Concen: 3.781 ug/L

RT: 1.930 min Scan# 199

Delta R.T. -0.000 min

Lab File: VU060674.D

Acq: 10 Sep 2024 18:17

Instrument :

MSVOA_U

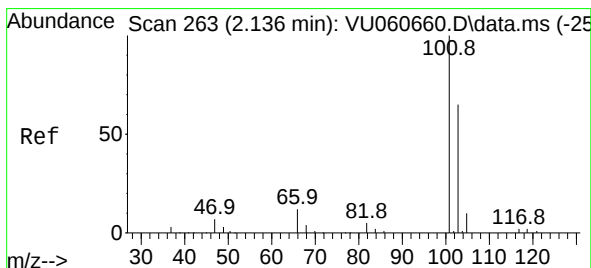
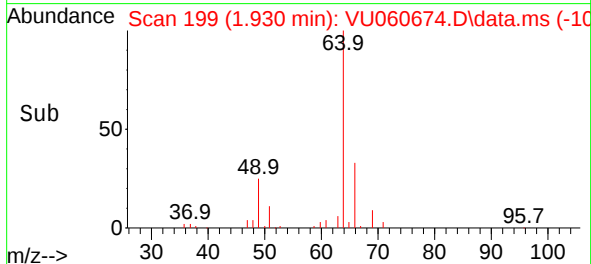
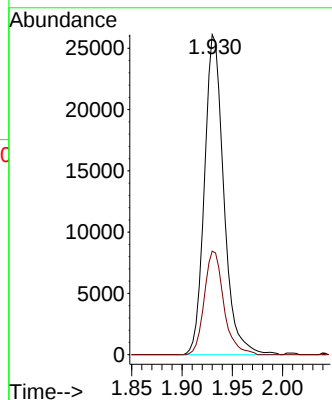
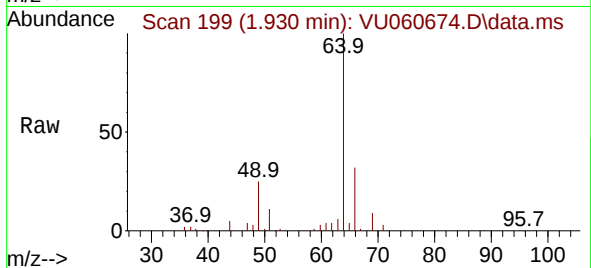
ClientSampleId :

Tgt Ion: 64 Resp: 34917

Ion Ratio Lower Upper

64 100

66 32.4 22.5 41.9



#9

Trichlorofluoromethane

Concen: 4.259 ug/L

RT: 2.136 min Scan# 263

Delta R.T. -0.000 min

Lab File: VU060674.D

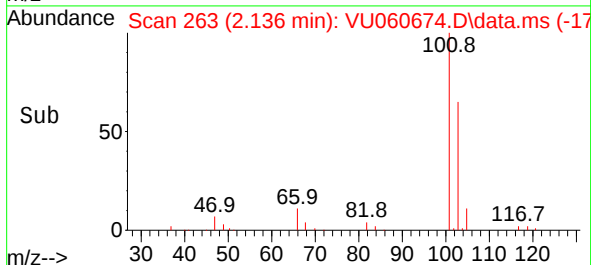
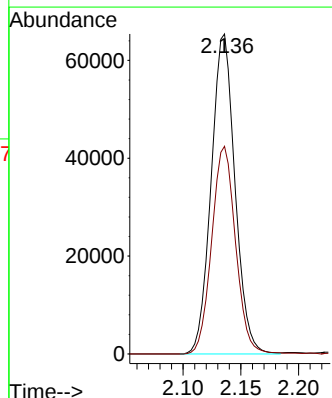
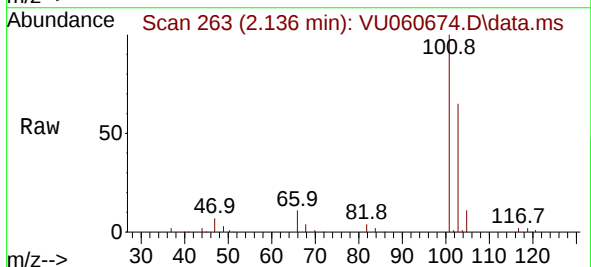
Acq: 10 Sep 2024 18:17

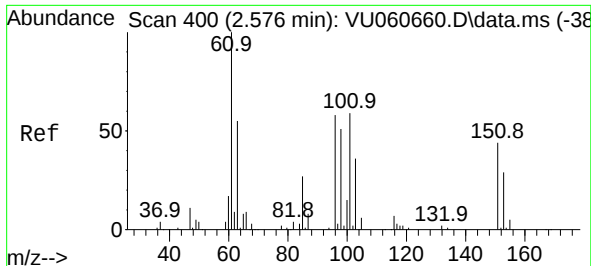
Tgt Ion:101 Resp: 93734

Ion Ratio Lower Upper

101 100

103 65.1 51.4 77.2

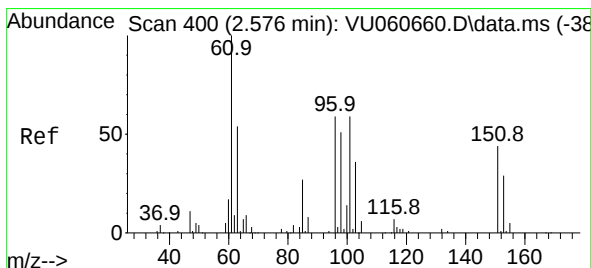
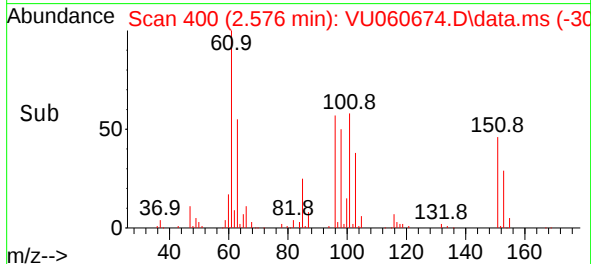
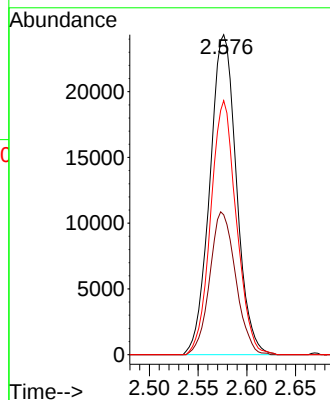
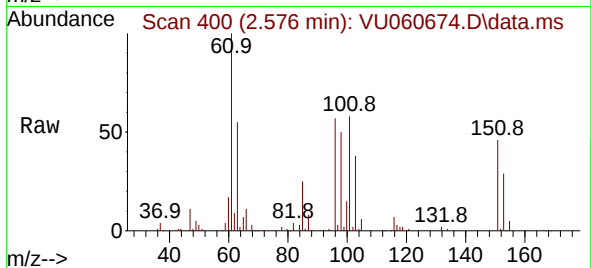




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.970 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU060674.D
 Acq: 10 Sep 2024 18:17

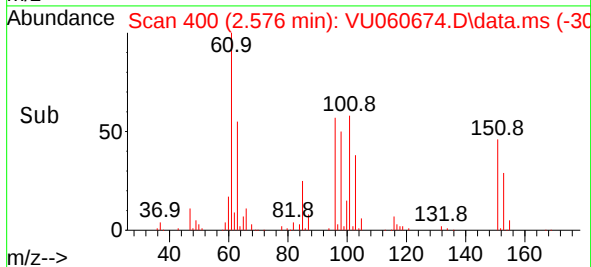
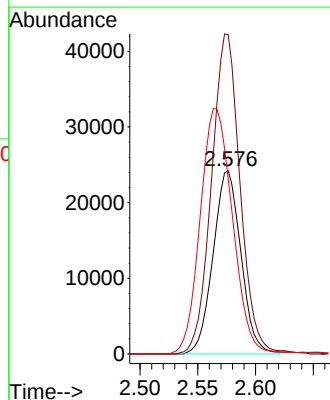
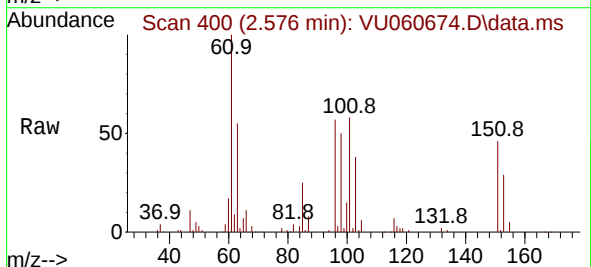
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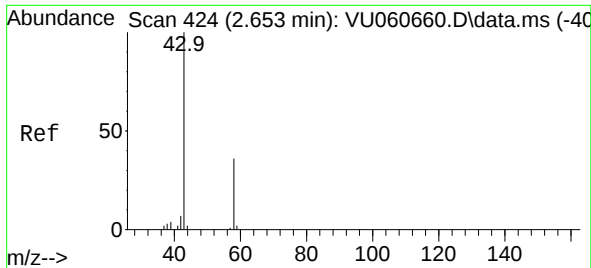
Tgt Ion:101 Resp: 46273
 Ion Ratio Lower Upper
 101 100
 85 43.4 35.8 53.6
 151 76.4 61.7 92.5



#12
 1,1-Dichloroethene
 Concen: 4.728 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU060674.D
 Acq: 10 Sep 2024 18:17

Tgt Ion: 96 Resp: 40513
 Ion Ratio Lower Upper
 96 100
 61 174.2 116.4 216.2
 63 95.6 74.8 139.0





#13

Acetone

Concen: 52.328 ug/L

RT: 2.650 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU060674.D

Acq: 10 Sep 2024 18:17

Instrument :

MSVOA_U

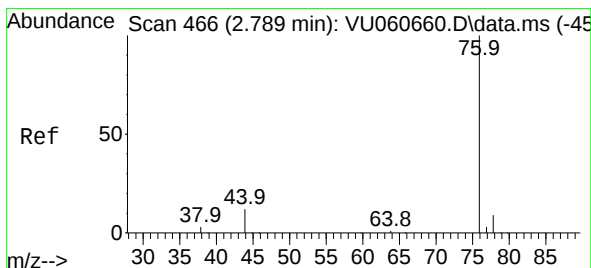
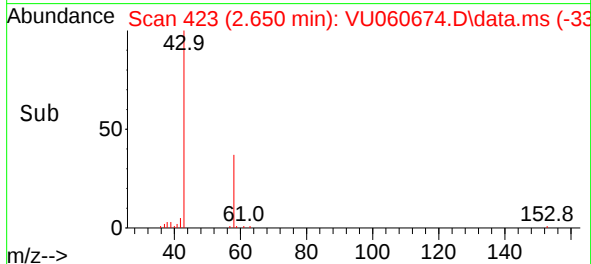
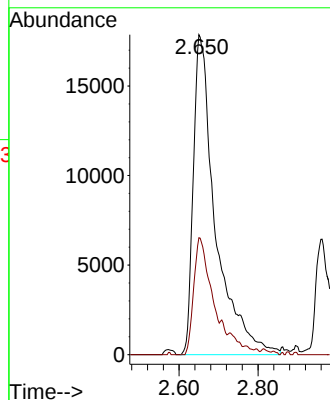
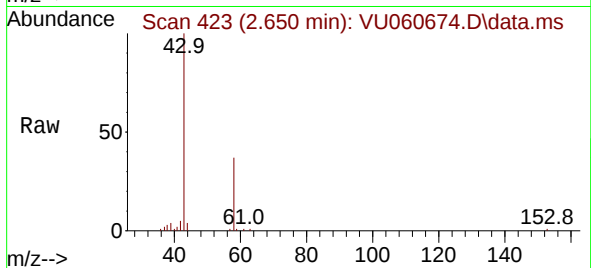
ClientSampleId :

Tgt Ion: 43 Resp: 69534

Ion Ratio Lower Upper

43 100

58 27.5 0.0 66.8



#14

Carbon disulfide

Concen: 4.126 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU060674.D

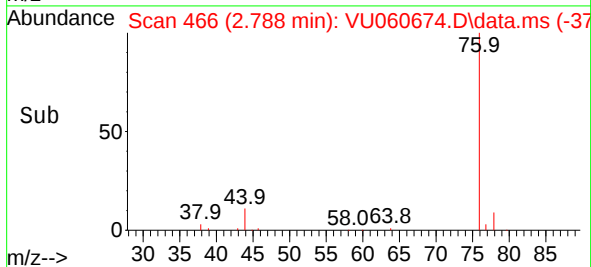
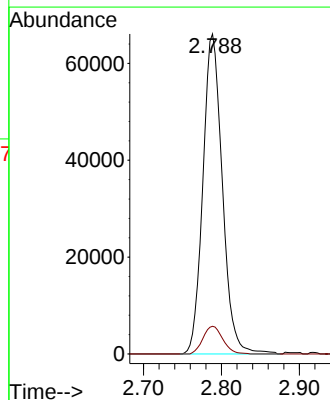
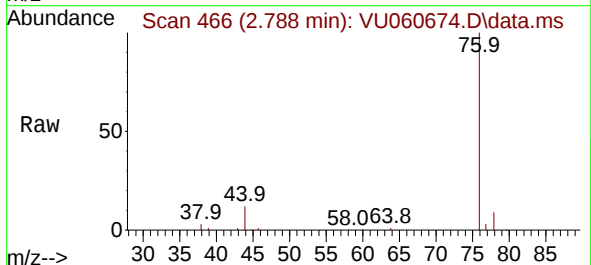
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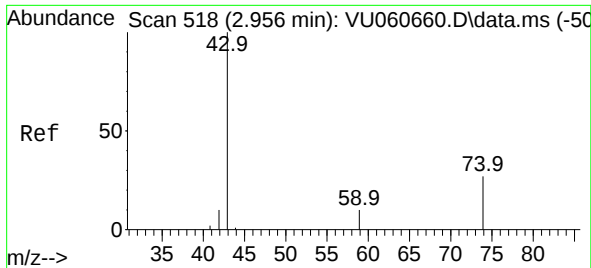
Tgt Ion: 76 Resp: 114730

Ion Ratio Lower Upper

76 100

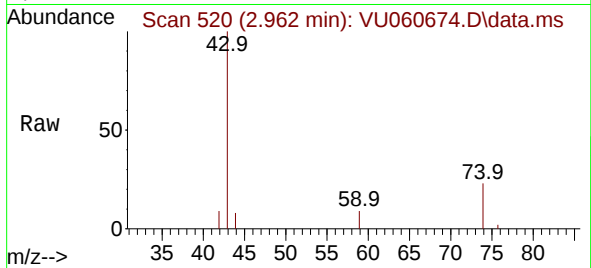
78 8.6 7.4 11.2



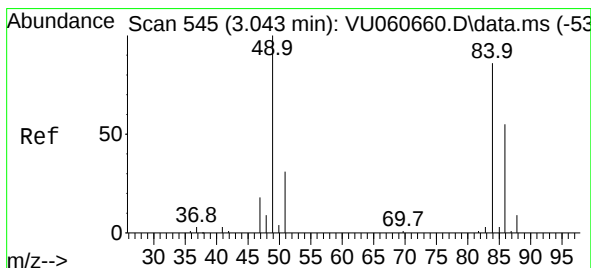
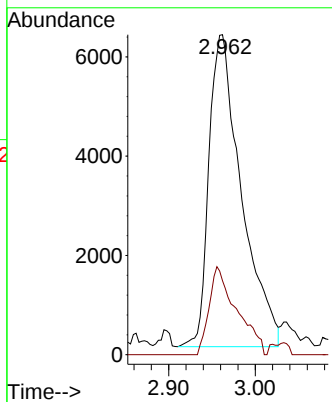
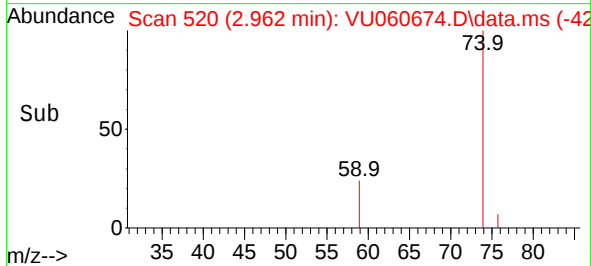


#15
Methyl Acetate
Concen: 6.025 ug/L
RT: 2.962 min Scan# 518
Delta R.T. 0.006 min
Lab File: VU060674.D
Acq: 10 Sep 2024 18:17

Instrument :
MSVOA_U
ClientSampleId :

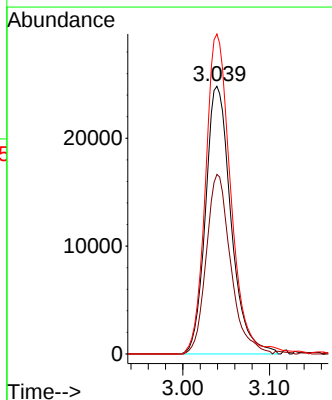
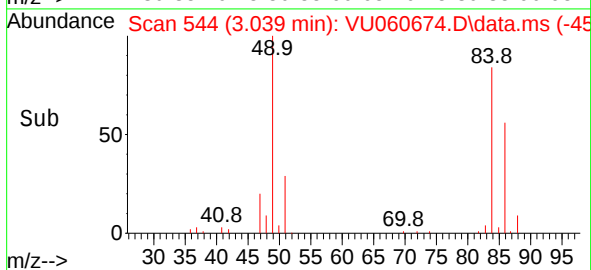
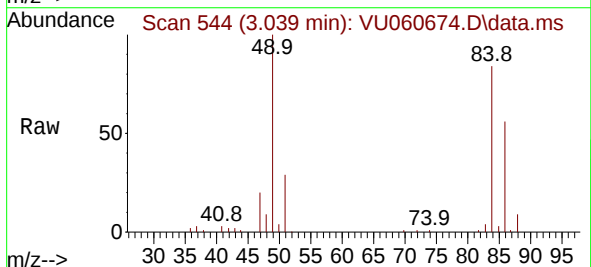


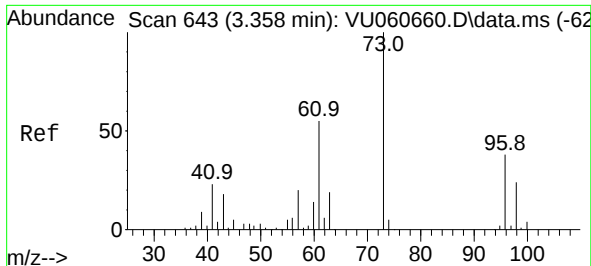
Tgt Ion: 43 Resp: 16372
Ion Ratio Lower Upper
43 100
74 24.0 21.4 32.2



#16
Methylene chloride
Concen: 6.102 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.003 min
Lab File: VU060674.D
Acq: 10 Sep 2024 18:17

Tgt Ion: 84 Resp: 50792
Ion Ratio Lower Upper
84 100
86 67.0 47.5 88.3
49 119.5 94.4 175.2





#17

Methyl tert-butyl Ether

Concen: 5.799 ug/L

RT: 3.358 min Scan# 643

Delta R.T. -0.000 min

Lab File: VU060674.D

Acq: 10 Sep 2024 18:17

Instrument :

MSVOA_U

ClientSampleId :

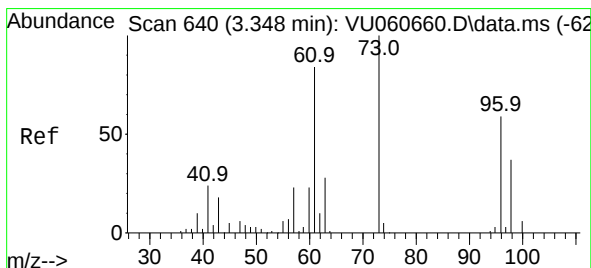
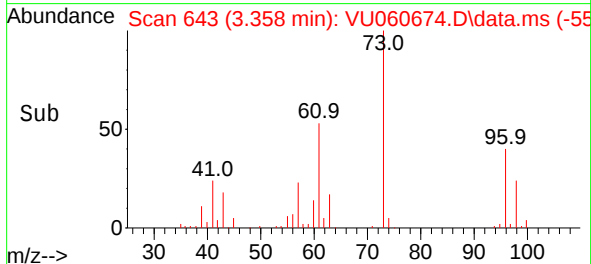
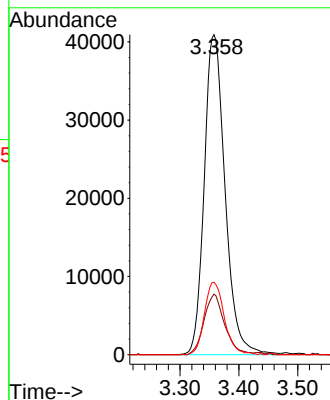
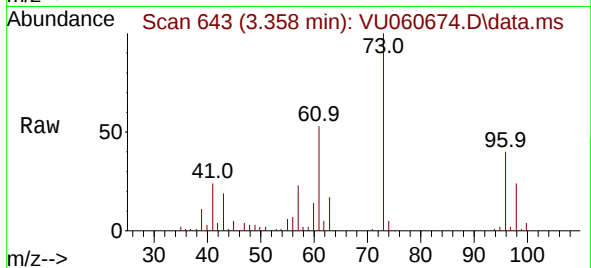
Tgt Ion: 73 Resp: 100853

Ion Ratio Lower Upper

73 100

43 18.7 15.8 23.6

57 21.6 16.8 25.2



#18

trans-1,2-Dichloroethene

Concen: 5.567 ug/L

RT: 3.348 min Scan# 640

Delta R.T. -0.000 min

Lab File: VU060674.D

Acq: 10 Sep 2024 18:17

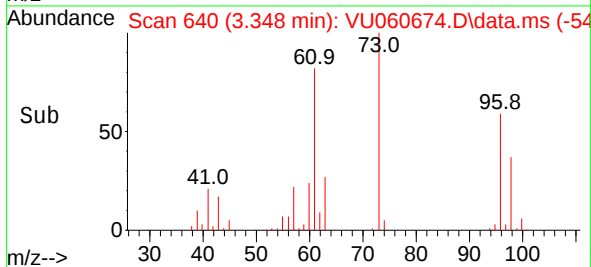
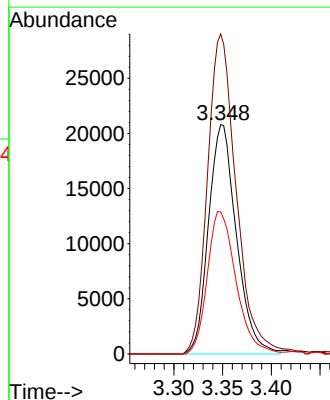
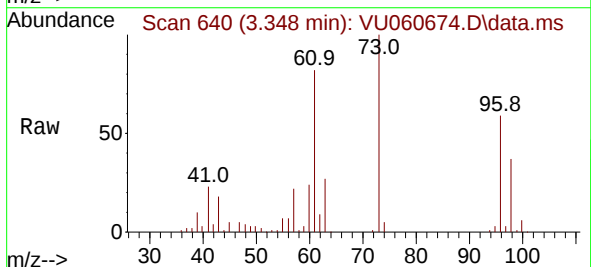
Tgt Ion: 96 Resp: 41527

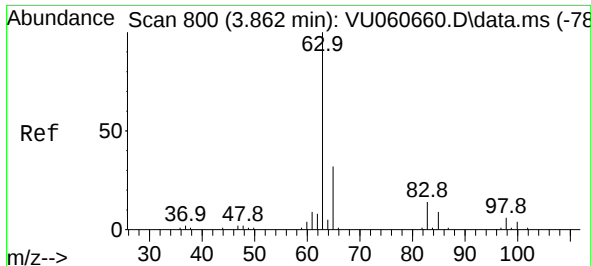
Ion Ratio Lower Upper

96 100

61 139.5 99.2 184.2

98 62.0 44.0 81.8

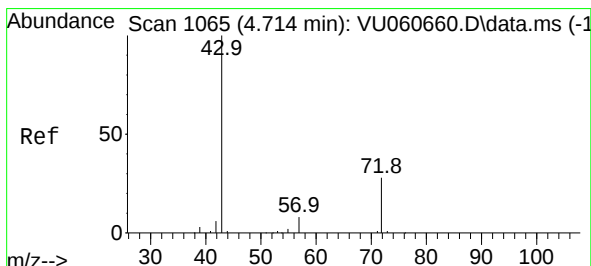
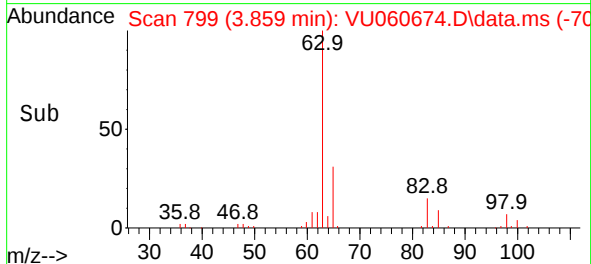
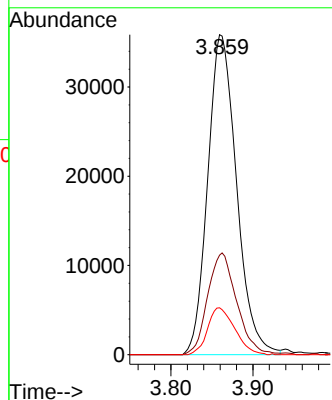
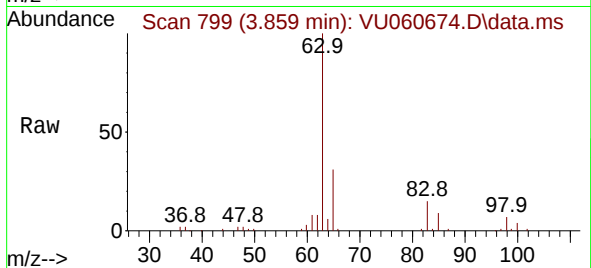




#19
1,1-Dichloroethane
Concen: 5.805 ug/L
RT: 3.859 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU060674.D
Acq: 10 Sep 2024 18:17

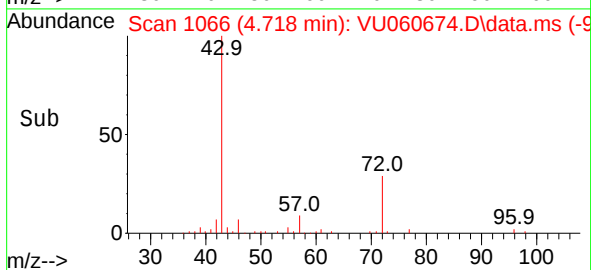
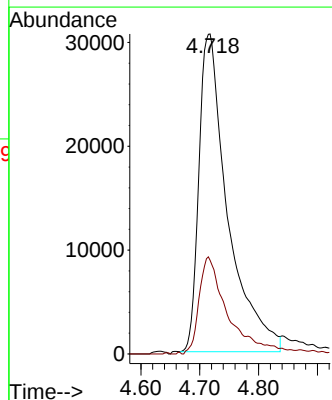
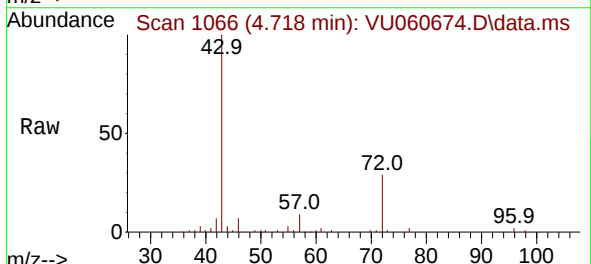
Instrument :
MSVOA_U
ClientSampleId :

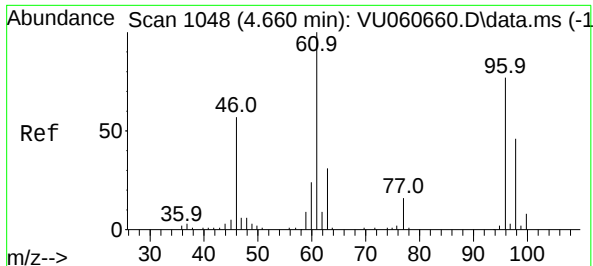
Tgt Ion: 63 Resp: 87758
Ion Ratio Lower Upper
63 100
65 31.8 20.5 38.1
83 14.7 9.2 17.2



#21
2-Butanone
Concen: 57.225 ug/L
RT: 4.718 min Scan# 1066
Delta R.T. 0.003 min
Lab File: VU060674.D
Acq: 10 Sep 2024 18:17

Tgt Ion: 43 Resp: 103988
Ion Ratio Lower Upper
43 100
72 30.4 14.0 42.0





#22

cis-1,2-Dichloroethene

Concen: 5.625 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. -0.000 min

Lab File: VU060674.D

Acq: 10 Sep 2024 18:17

Instrument :

MSVOA_U

ClientSampleId :

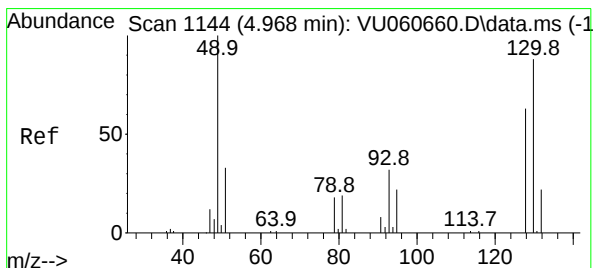
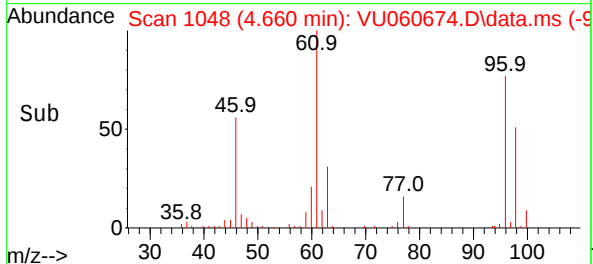
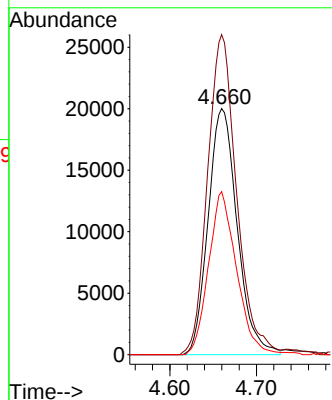
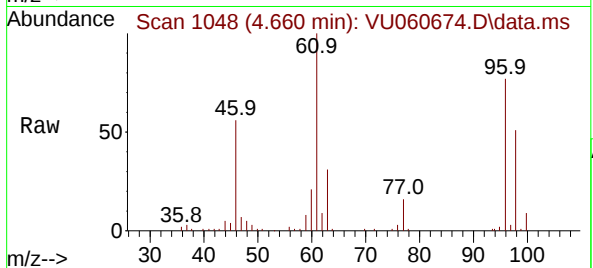
Tgt Ion: 96 Resp: 46761

Ion Ratio Lower Upper

96 100

61 130.1 92.9 172.5

98 66.3 45.0 83.6



#23

Bromochloromethane

Concen: 5.974 ug/L

RT: 4.968 min Scan# 1144

Delta R.T. -0.000 min

Lab File: VU060674.D

Acq: 10 Sep 2024 18:17

Tgt Ion:128 Resp: 22570

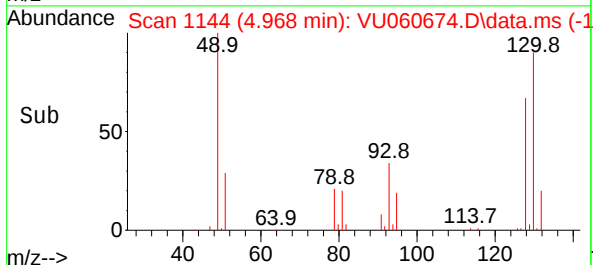
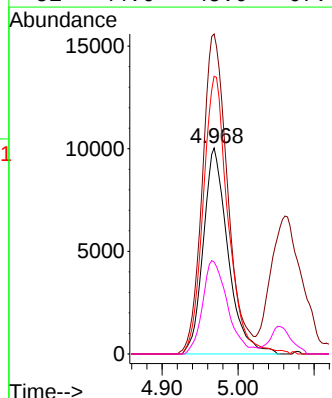
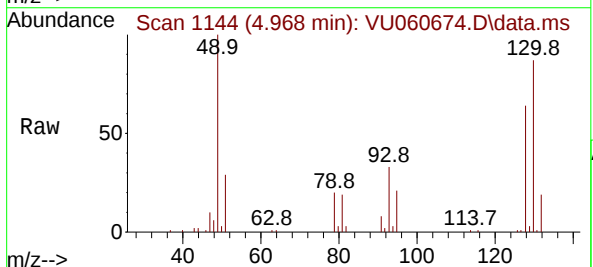
Ion Ratio Lower Upper

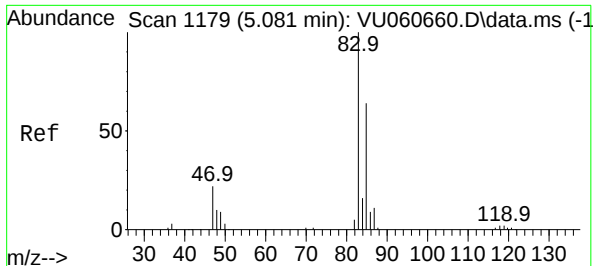
128 100

49 155.4 108.1 200.7

130 134.9 93.1 172.9

51 44.6 45.0 67.4#

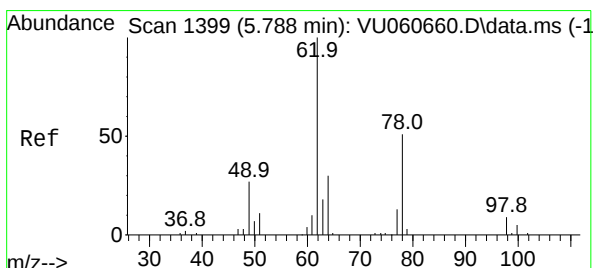
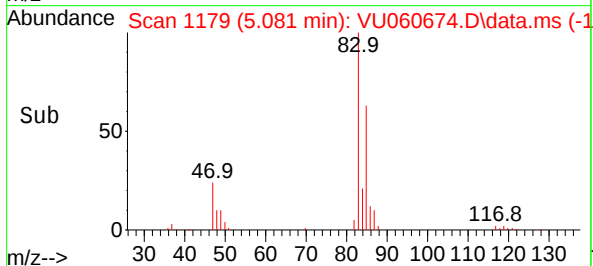
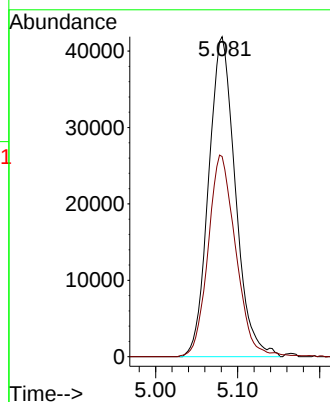
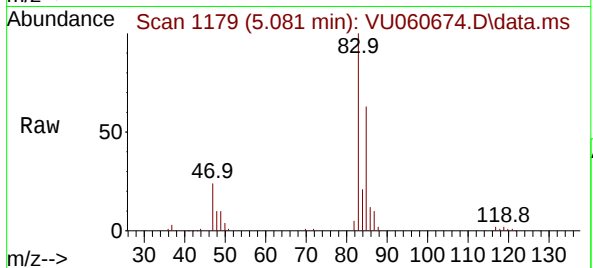




#25
Chloroform
Concen: 5.931 ug/L
RT: 5.081 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VU060674.D
Acq: 10 Sep 2024 18:17

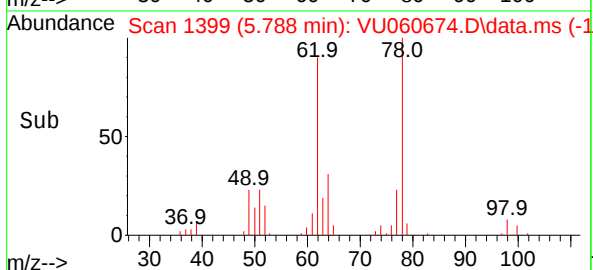
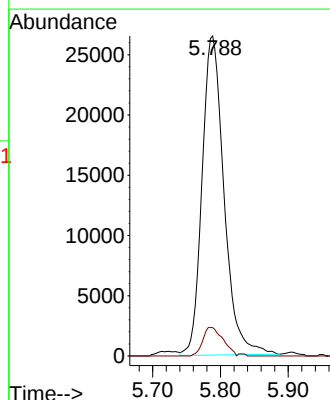
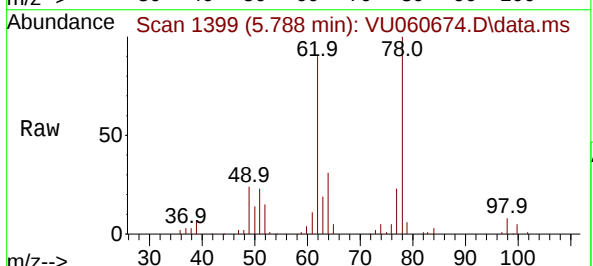
Instrument :
MSVOA_U
ClientSampleId :

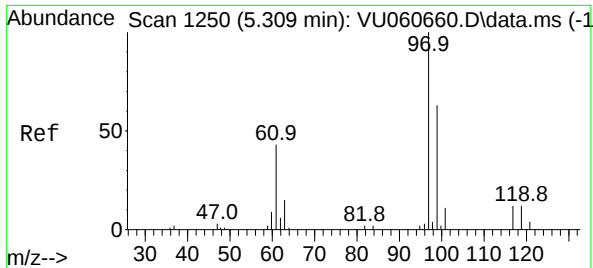
Tgt Ion: 83 Resp: 94896
Ion Ratio Lower Upper
83 100
85 62.5 46.4 86.2



#27
1,2-Dichloroethane
Concen: 5.563 ug/L
RT: 5.788 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VU060674.D
Acq: 10 Sep 2024 18:17

Tgt Ion: 62 Resp: 59736
Ion Ratio Lower Upper
62 100
98 8.9 7.0 10.4

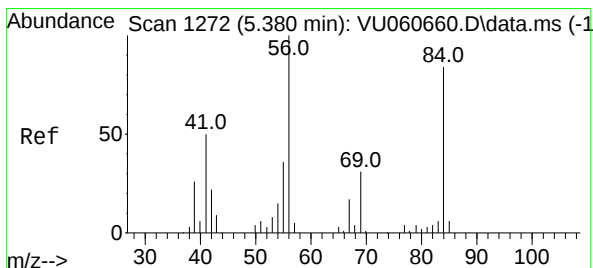
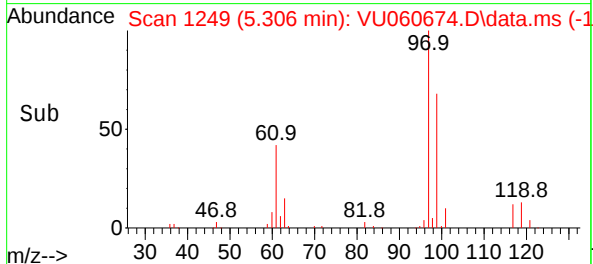
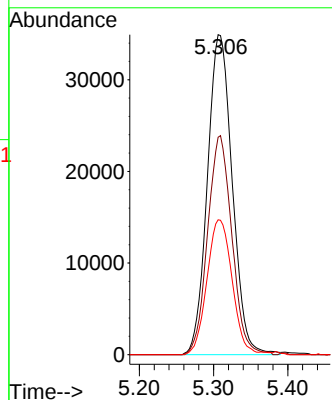
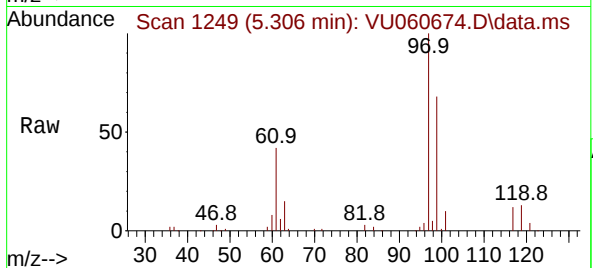




#29
1,1,1-Trichloroethane
Concen: 5.332 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.003 min
Lab File: VU060674.D
Acq: 10 Sep 2024 18:17

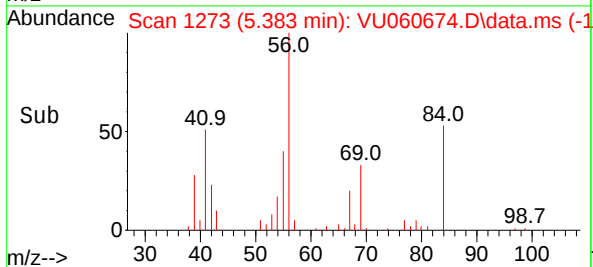
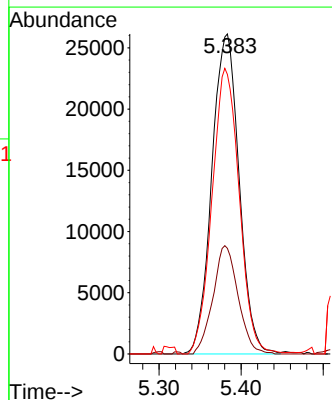
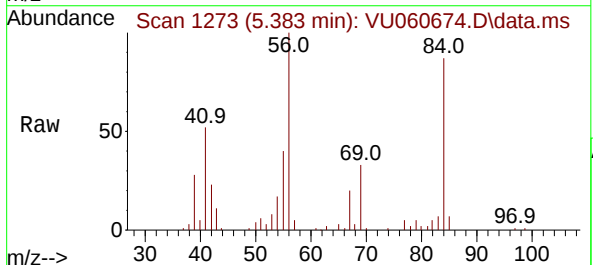
Instrument :
MSVOA_U
ClientSampleId :

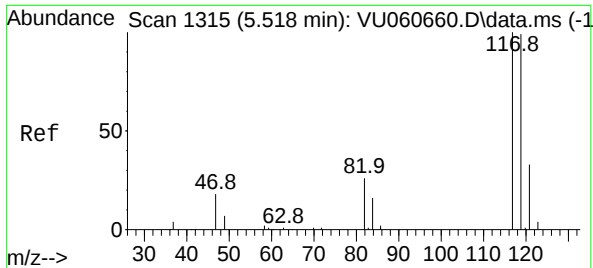
Tgt Ion: 97	Resp: 81360
Ion Ratio	Lower Upper
97 100	
99 66.7	49.7 74.5
61 42.4	35.4 53.2



#30
Cyclohexane
Concen: 4.781 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. 0.003 min
Lab File: VU060674.D
Acq: 10 Sep 2024 18:17

Tgt Ion: 56	Resp: 60406
Ion Ratio	Lower Upper
56 100	
69 31.2	24.2 36.2
84 88.9	69.7 104.5

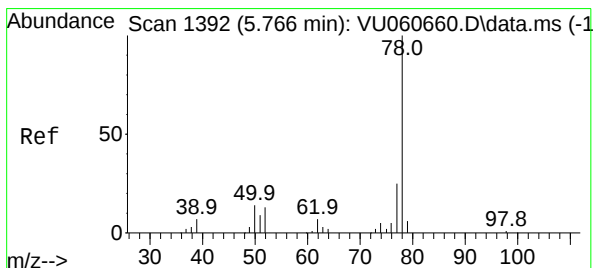
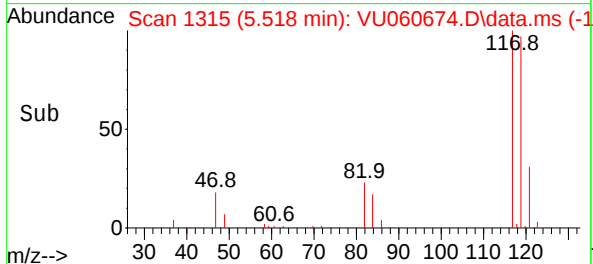
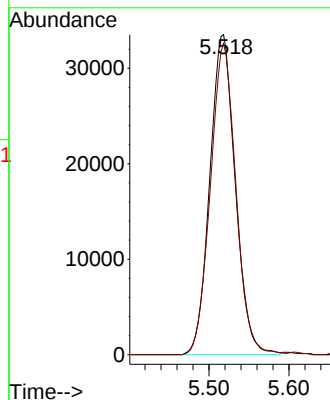
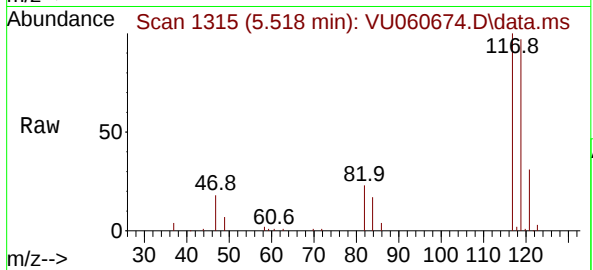




#31
Carbon tetrachloride
Concen: 5.267 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VU060674.D
Acq: 10 Sep 2024 18:17

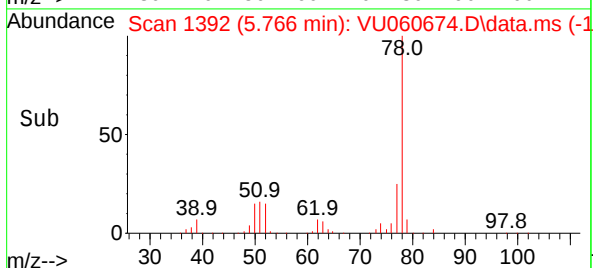
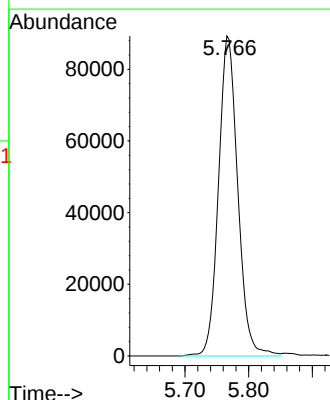
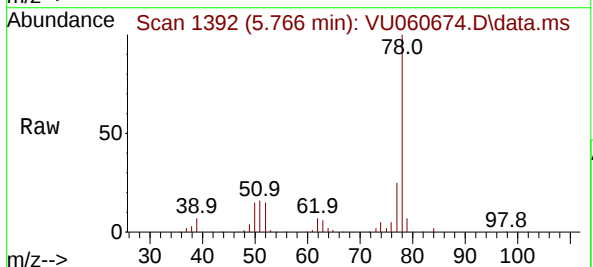
Instrument :
MSVOA_U
ClientSampleId :

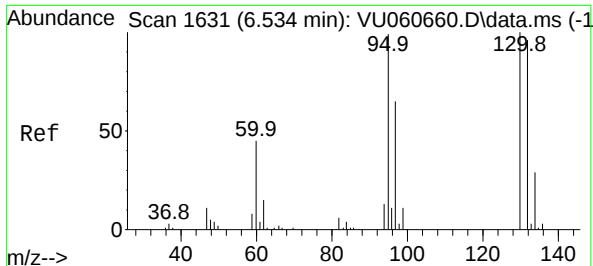
Tgt Ion:117 Resp: 74281
Ion Ratio Lower Upper
117 100
119 96.9 76.4 114.6



#33
Benzene
Concen: 5.319 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU060674.D
Acq: 10 Sep 2024 18:17

Tgt Ion: 78 Resp: 187962





#34

Trichloroethene

Concen: 5.059 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU060674.D

Acq: 10 Sep 2024 18:17

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 48457

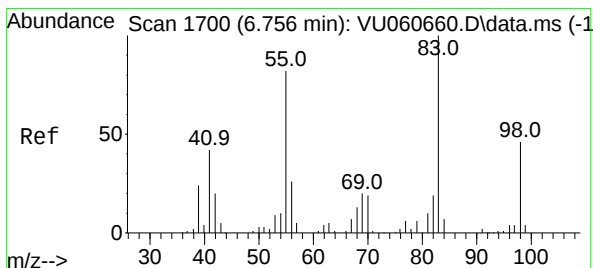
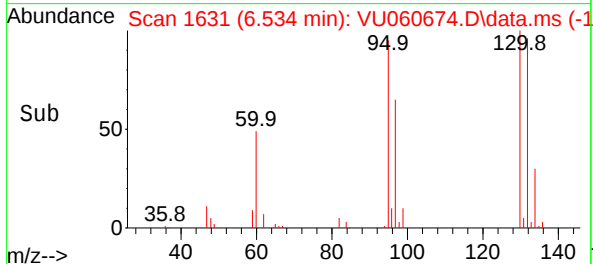
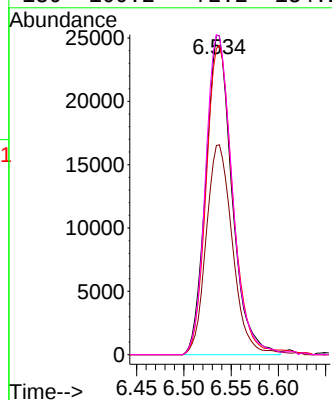
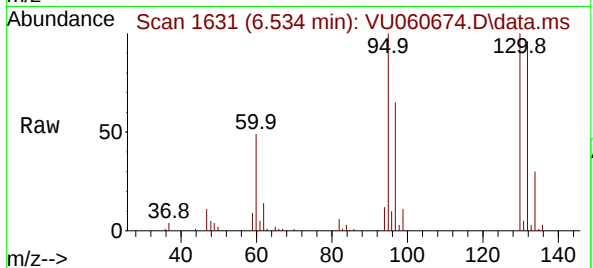
Ion Ratio Lower Upper

95 100

97 65.5 45.8 85.2

132 95.8 67.4 125.2

130 100.2 72.2 134.2



#35

Methylcyclohexane

Concen: 4.889 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VU060674.D

Acq: 10 Sep 2024 18:17

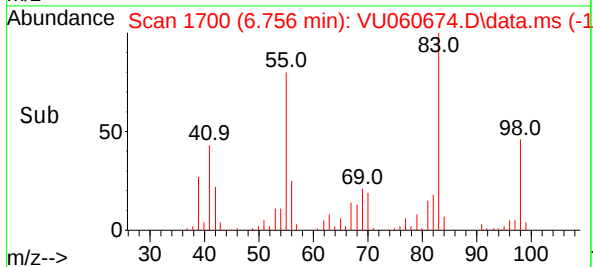
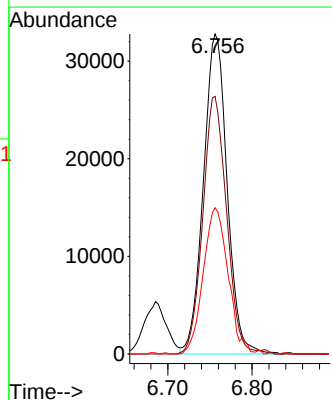
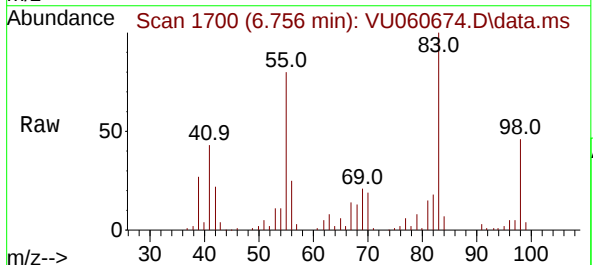
Tgt Ion: 83 Resp: 64259

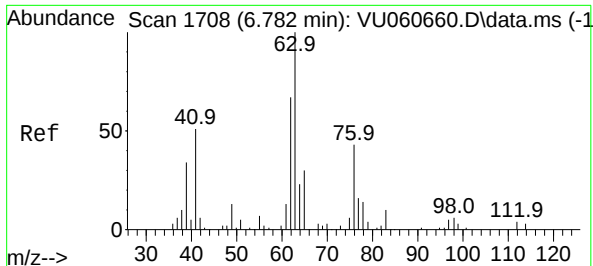
Ion Ratio Lower Upper

83 100

55 80.5 65.8 98.8

98 47.9 37.8 56.8

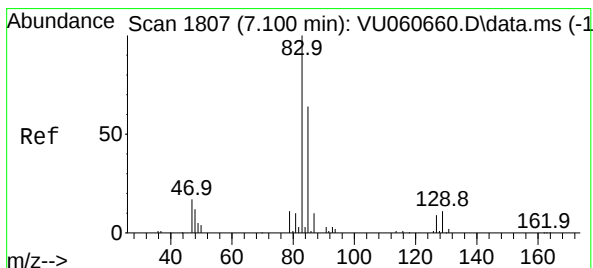
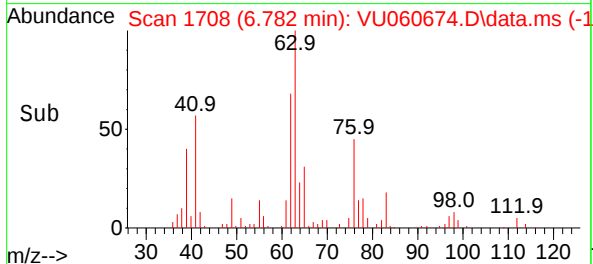
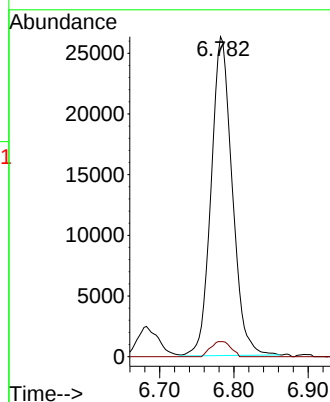
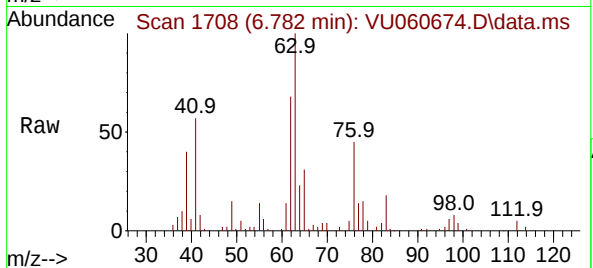




#37
1,2-Dichloropropane
Concen: 5.733 ug/L
RT: 6.782 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU060674.D
Acq: 10 Sep 2024 18:17

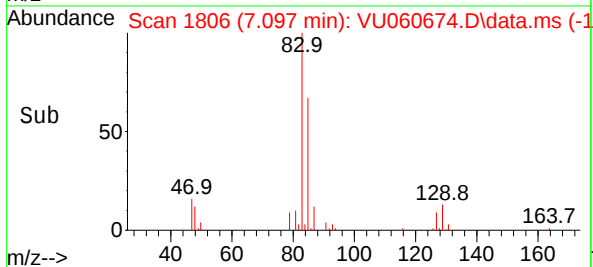
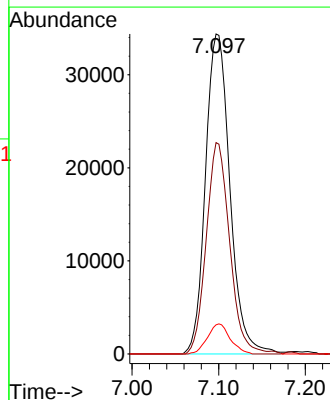
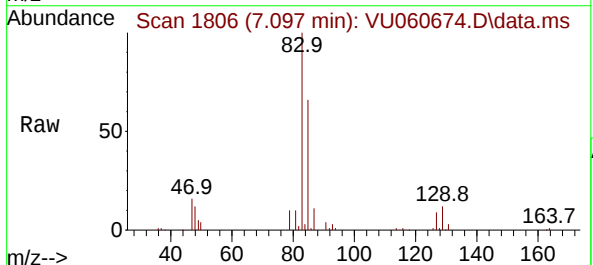
Instrument :
MSVOA_U
ClientSampleId :

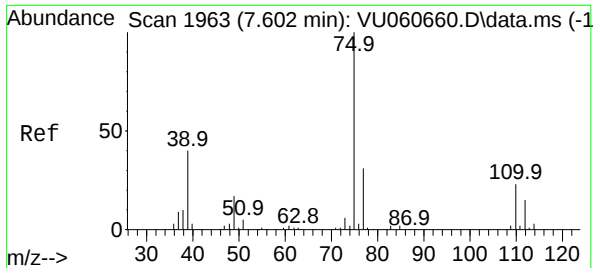
Tgt Ion: 63 Resp: 51916
Ion Ratio Lower Upper
63 100
112 4.5 2.3 3.5#



#38
Bromodichloromethane
Concen: 5.669 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.003 min
Lab File: VU060674.D
Acq: 10 Sep 2024 18:17

Tgt Ion: 83 Resp: 67457
Ion Ratio Lower Upper
83 100
85 66.0 44.9 83.5
127 9.1 7.3 10.9

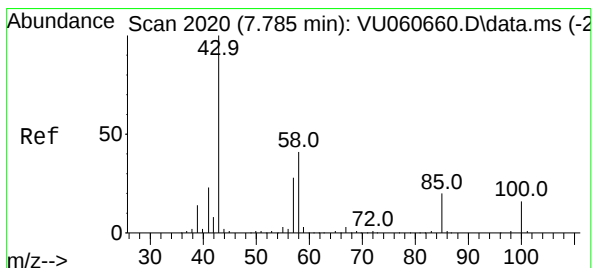
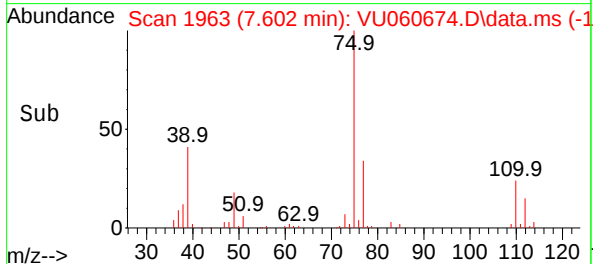
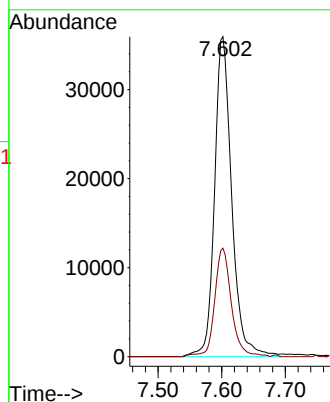
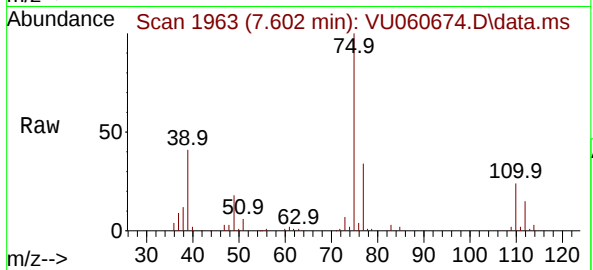




#39
 cis-1,3-Dichloropropene
 Concen: 5.079 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: VU060674.D
 Acq: 10 Sep 2024 18:17

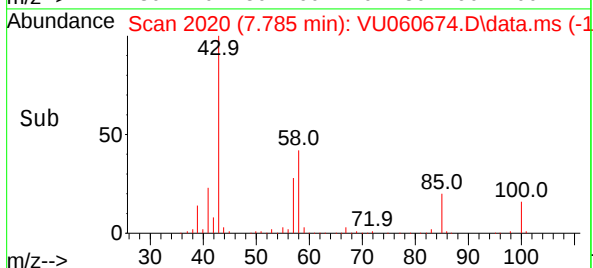
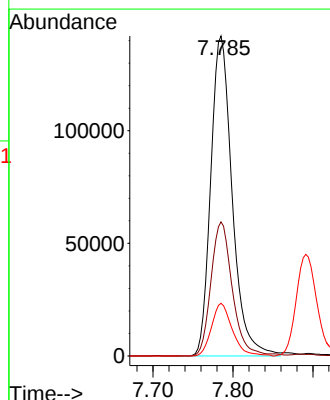
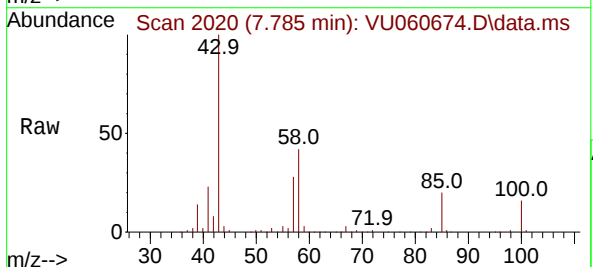
Instrument :
 MSVOA_U
 ClientSampleId :

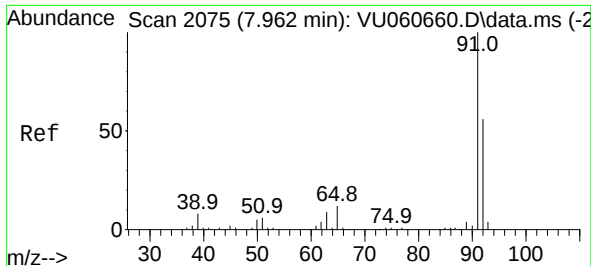
Tgt Ion: 75 Resp: 67433
 Ion Ratio Lower Upper
 75 100
 77 33.9 22.1 41.1



#40
 4-Methyl-2-pentanone
 Concen: 56.068 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. -0.000 min
 Lab File: VU060674.D
 Acq: 10 Sep 2024 18:17

Tgt Ion: 43 Resp: 264409
 Ion Ratio Lower Upper
 43 100
 58 41.6 32.5 48.7
 100 15.9 12.5 18.7





#42

Toluene

Concen: 5.579 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU060674.D

Acq: 10 Sep 2024 18:17

Instrument :

MSVOA_U

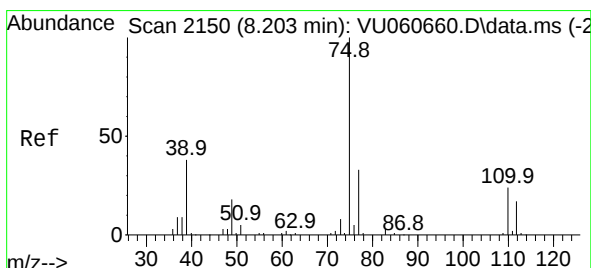
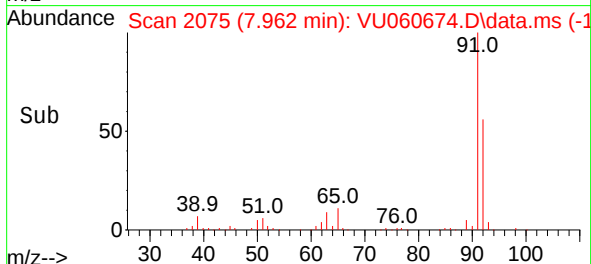
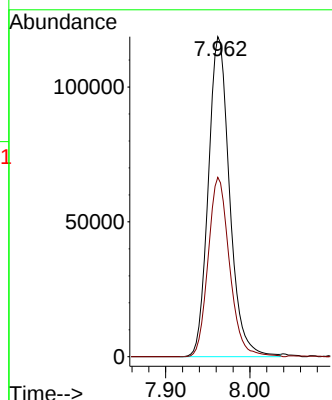
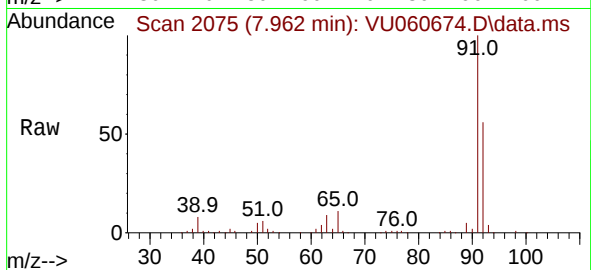
ClientSampleId :

Tgt Ion: 91 Resp: 208325

Ion Ratio Lower Upper

91 100

92 56.0 38.0 70.6



#44

trans-1,3-Dichloropropene

Concen: 5.456 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU060674.D

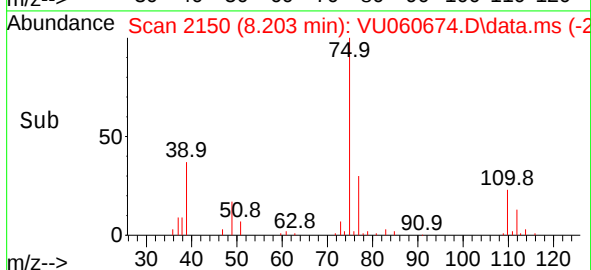
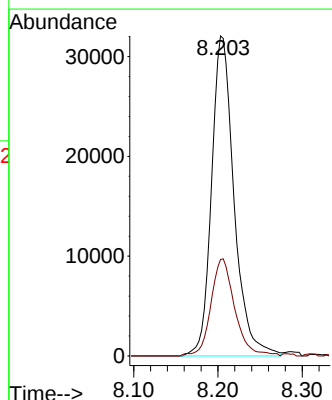
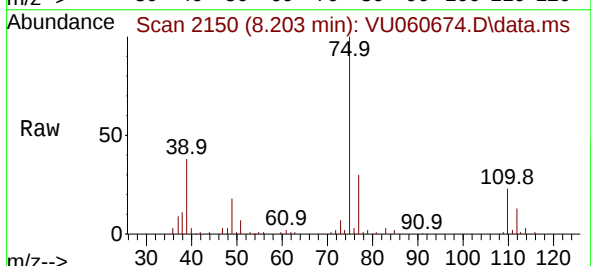
Acq: 10 Sep 2024 18:17

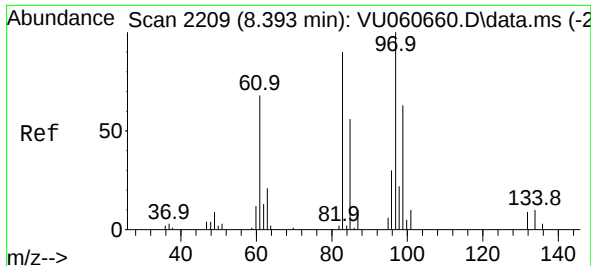
Tgt Ion: 75 Resp: 59466

Ion Ratio Lower Upper

75 100

77 30.2 23.4 43.6

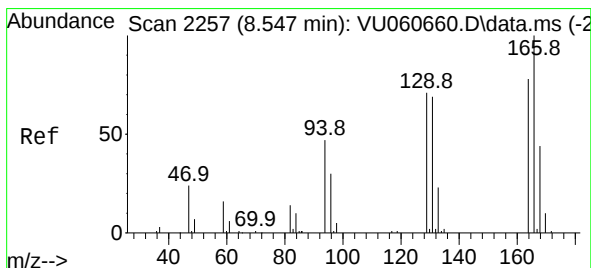
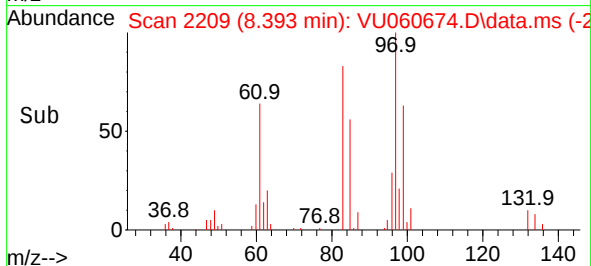
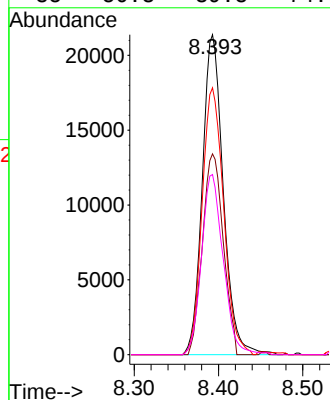
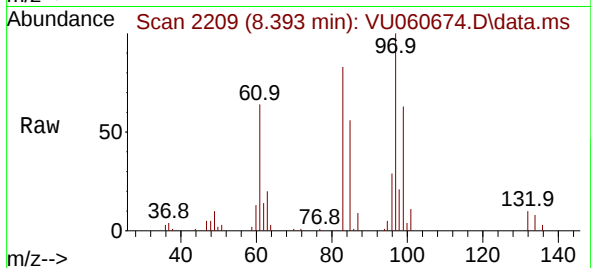




#45
1,1,2-Trichloroethane
Concen: 5.656 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU060674.D
Acq: 10 Sep 2024 18:17

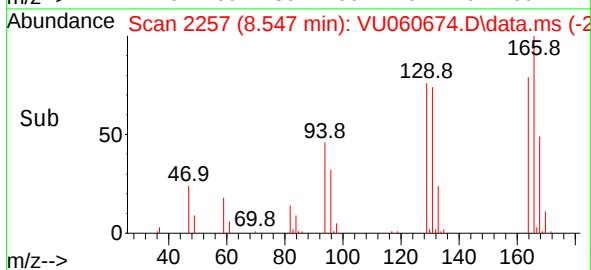
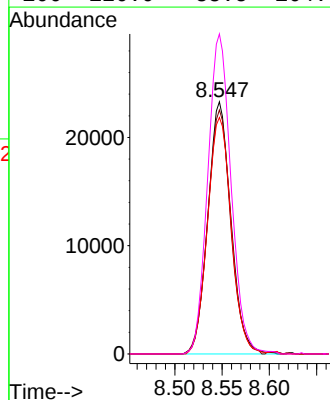
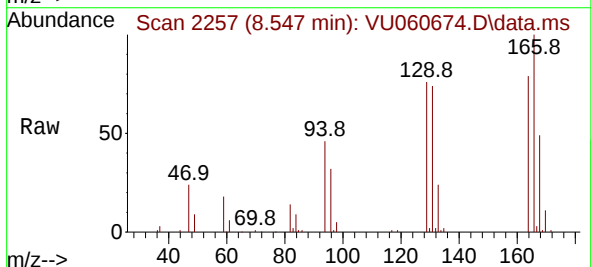
Instrument :
MSVOA_U
ClientSampleId :

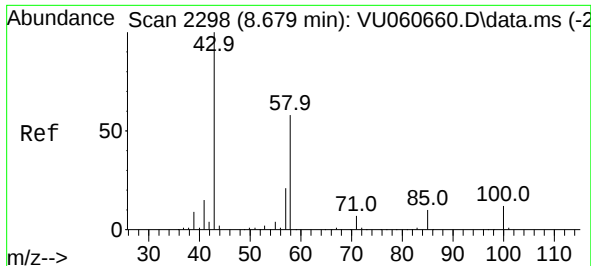
Tgt Ion:	97	Resp:	37099
Ion	Ratio	Lower	Upper
97	100		
99	62.8	42.4	78.8
83	83.4	64.0	119.0
85	56.3	39.8	74.0



#47
Tetrachloroethene
Concen: 5.045 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU060674.D
Acq: 10 Sep 2024 18:17

Tgt Ion:	164	Resp:	39611
Ion	Ratio	Lower	Upper
164	100		
129	96.8	67.8	125.8
131	93.8	67.2	124.8
166	126.9	88.5	164.4





#48

2-Hexanone

Concen: 54.323 ug/L

RT: 8.679 min Scan# 2298

Delta R.T. -0.000 min

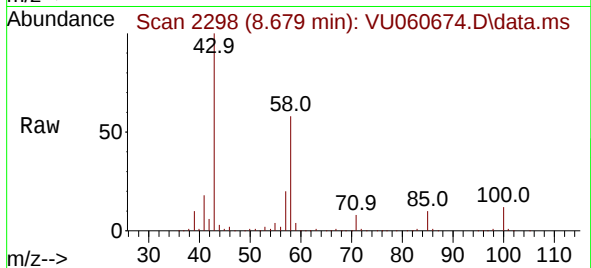
Lab File: VU060674.D

Acq: 10 Sep 2024 18:17

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 191721

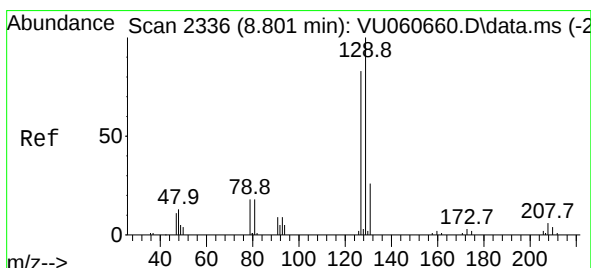
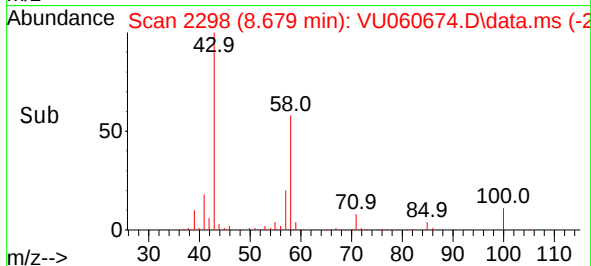
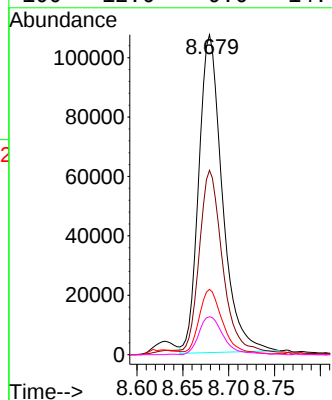
Ion Ratio Lower Upper

43 100

58 57.8 45.6 68.4

57 19.9 15.6 23.4

100 12.6 9.6 14.4



#49

Dibromochloromethane

Concen: 5.874 ug/L

RT: 8.801 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VU060674.D

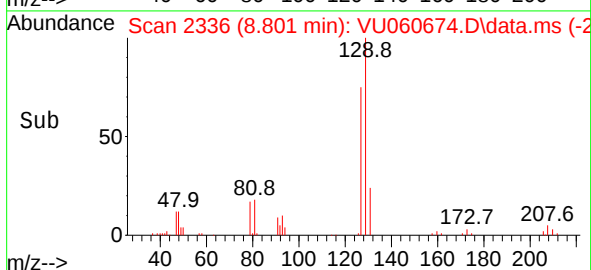
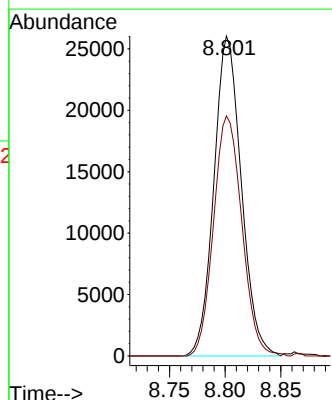
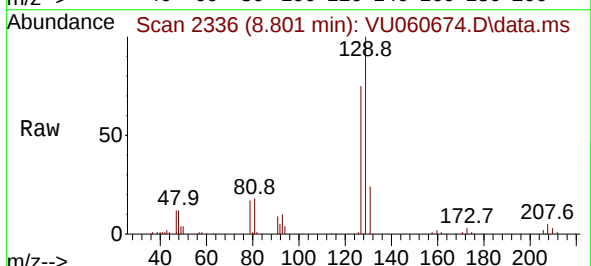
Acq: 10 Sep 2024 18:17

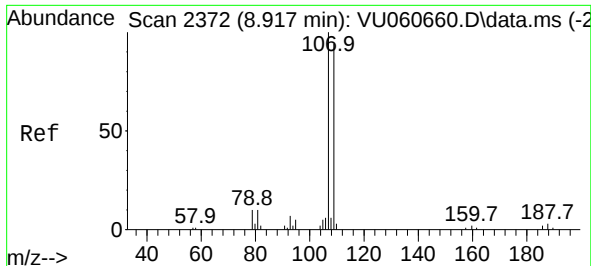
Tgt Ion: 129 Resp: 44609

Ion Ratio Lower Upper

129 100

127 75.0 53.0 98.4





#50

1,2-Dibromoethane

Concen: 5.722 ug/L

RT: 8.917 min Scan# 2372

Delta R.T. -0.000 min

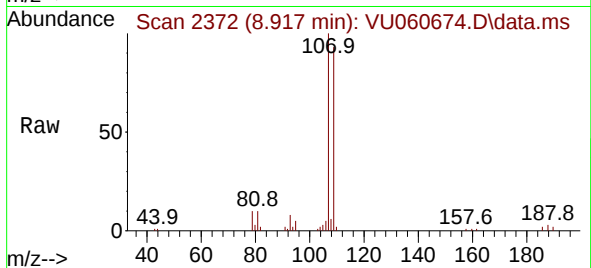
Lab File: VU060674.D

Acq: 10 Sep 2024 18:17

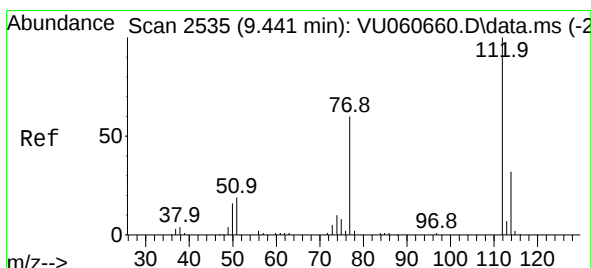
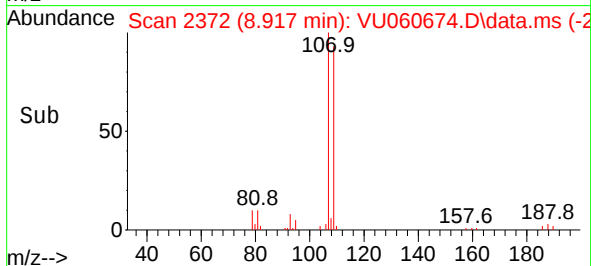
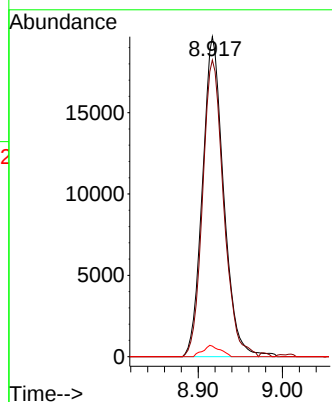
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	107	Resp:	34456
Ion Ratio	Lower	Upper	
107	100		
109	92.7	68.5	127.3
188	3.3	3.9	5.9#



#51

Chlorobenzene

Concen: 5.398 ug/L

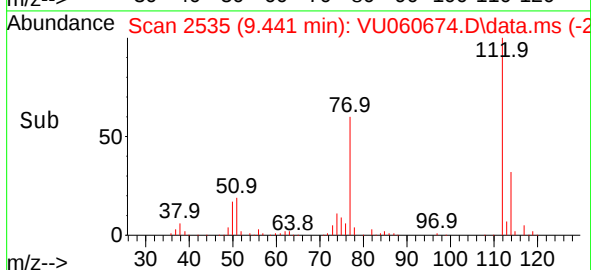
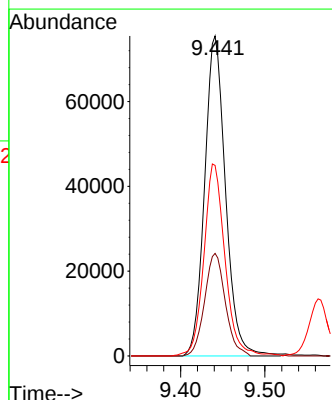
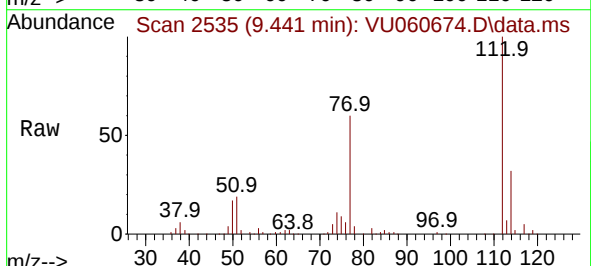
RT: 9.441 min Scan# 2535

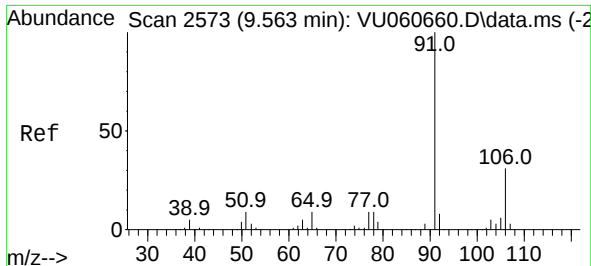
Delta R.T. -0.000 min

Lab File: VU060674.D

Acq: 10 Sep 2024 18:17

Tgt Ion:	112	Resp:	130504
Ion Ratio	Lower	Upper	
112	100		
114	32.0	21.9	40.7
77	59.6	47.4	71.2





#52

Ethylbenzene

Concen: 5.372 ug/L

RT: 9.563 min Scan# 2573

Delta R.T. -0.000 min

Lab File: VU060674.D

Acq: 10 Sep 2024 18:17

Instrument :

MSVOA_U

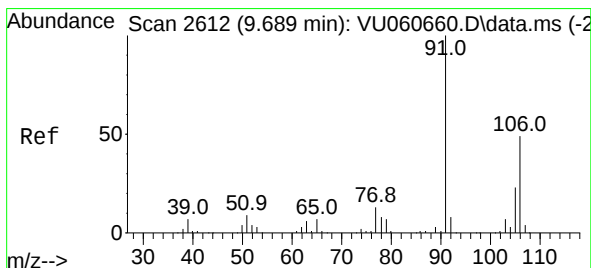
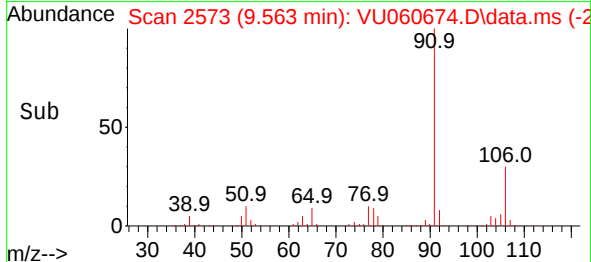
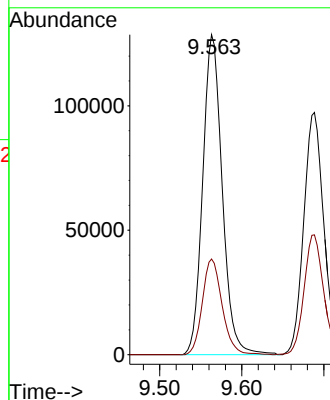
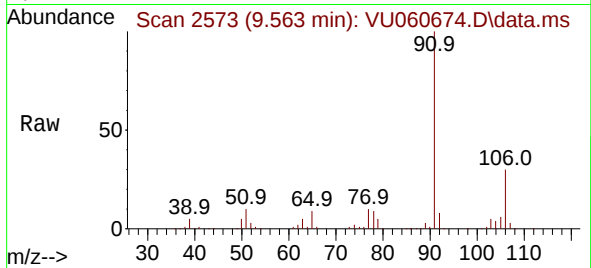
ClientSampleId :

Tgt Ion: 91 Resp: 212591

Ion Ratio Lower Upper

91 100

106 29.9 21.9 40.7



#53

m,p-Xylene

Concen: 5.573 ug/L

RT: 9.689 min Scan# 2612

Delta R.T. -0.000 min

Lab File: VU060674.D

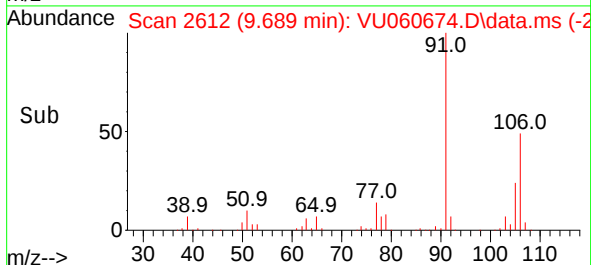
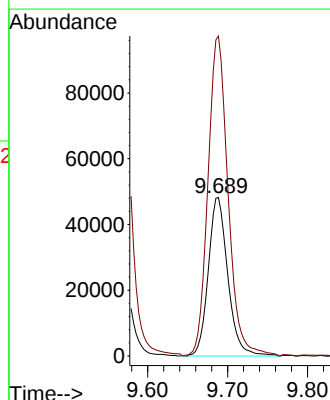
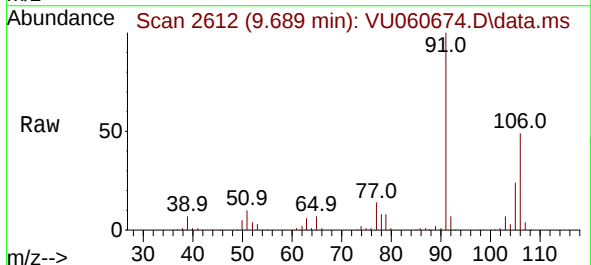
Acq: 10 Sep 2024 18:17

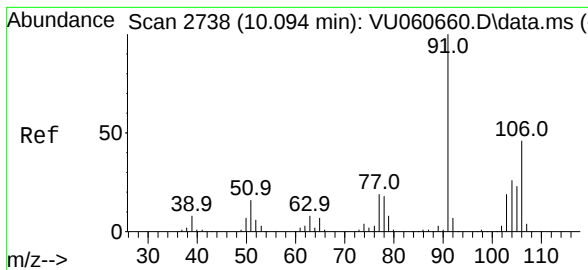
Tgt Ion:106 Resp: 81991

Ion Ratio Lower Upper

106 100

91 202.1 141.5 262.9

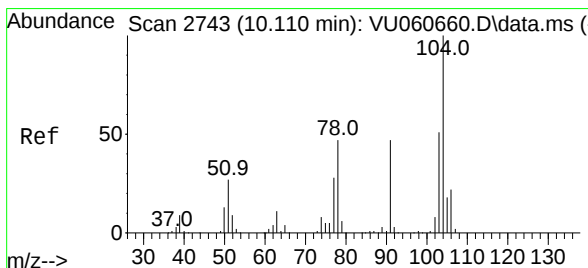
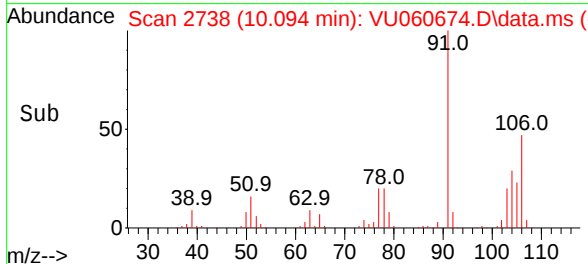
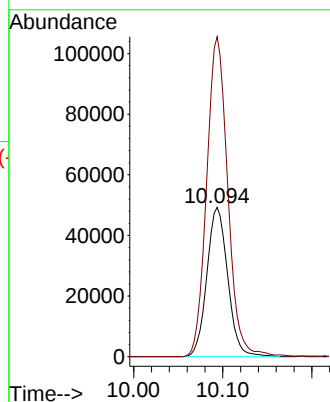
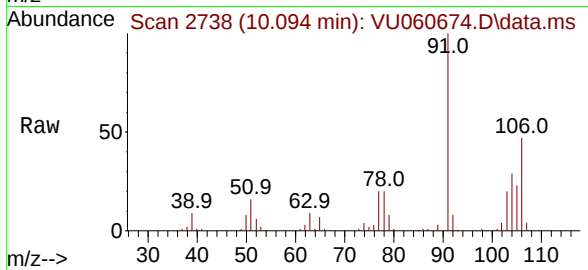




#54
o-Xylene
Concen: 5.319 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. -0.000 min
Lab File: VU060674.D
Acq: 10 Sep 2024 18:17

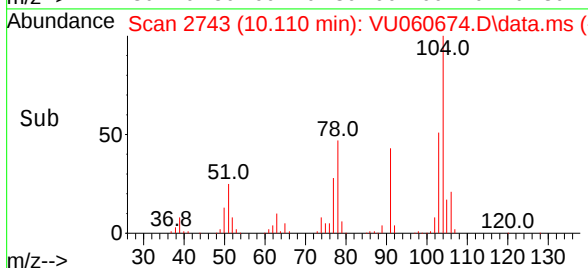
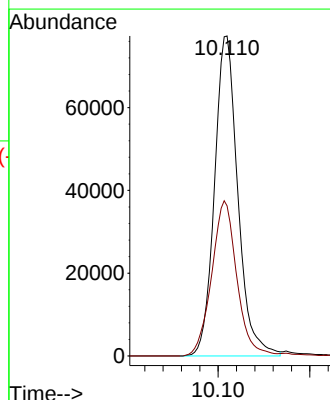
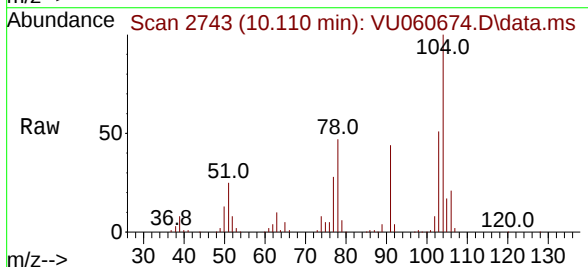
Instrument :
MSVOA_U
ClientSampleId :

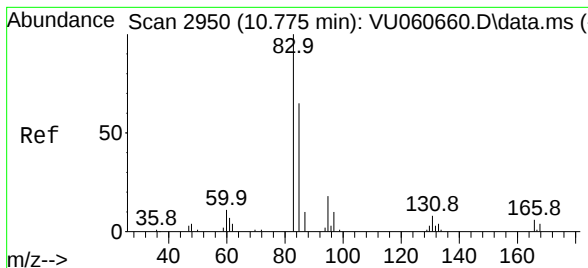
Tgt Ion:106 Resp: 80112
Ion Ratio Lower Upper
106 100
91 214.4 151.1 280.7



#55
Styrene
Concen: 5.534 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU060674.D
Acq: 10 Sep 2024 18:17

Tgt Ion:104 Resp: 136579
Ion Ratio Lower Upper
104 100
78 46.9 33.3 61.9





#57

1,1,2,2-Tetrachloroethane

Concen: 5.548 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU060674.D

Acq: 10 Sep 2024 18:17

Instrument :

MSVOA_U

ClientSampleId :

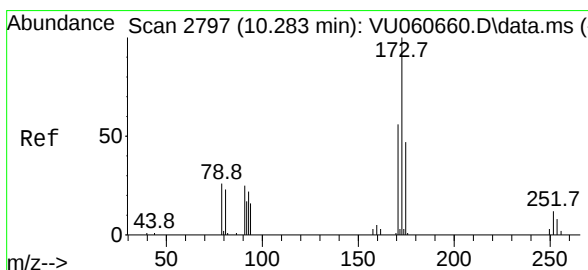
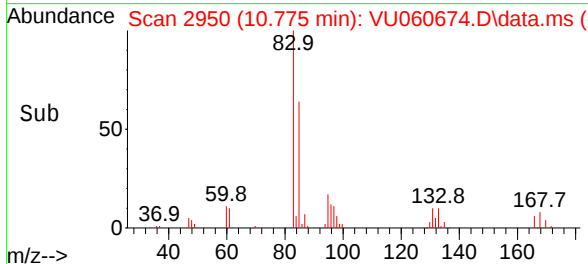
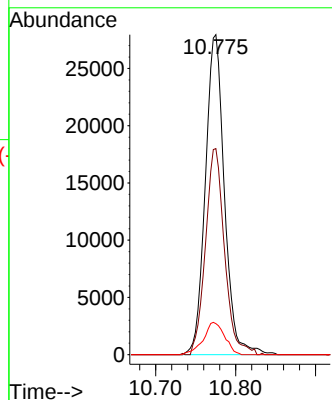
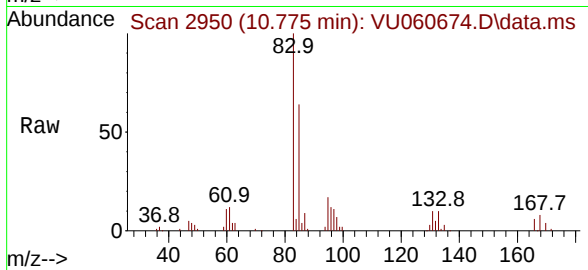
Tgt Ion: 83 Resp: 46463

Ion Ratio Lower Upper

83 100

85 64.4 43.3 80.5

131 9.7 8.9 13.3



#59

Bromoform

Concen: 5.669 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.000 min

Lab File: VU060674.D

Acq: 10 Sep 2024 18:17

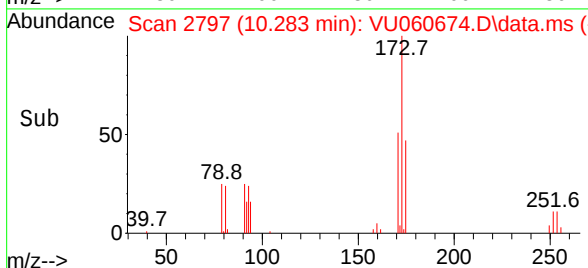
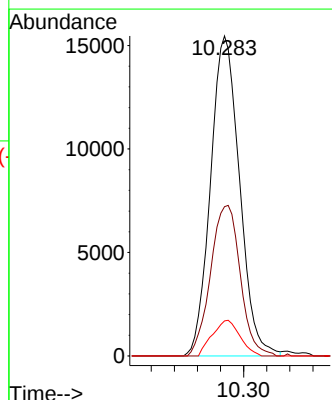
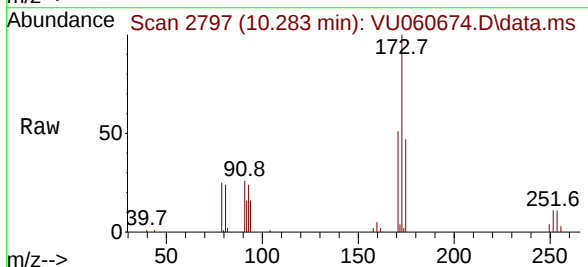
Tgt Ion:173 Resp: 26957

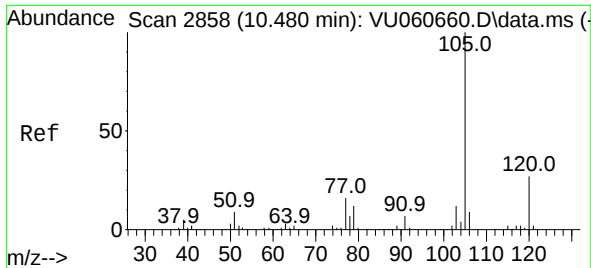
Ion Ratio Lower Upper

173 100

175 48.1 39.8 59.8

254 10.6 8.2 12.2

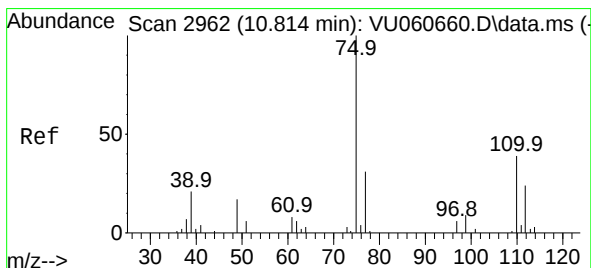
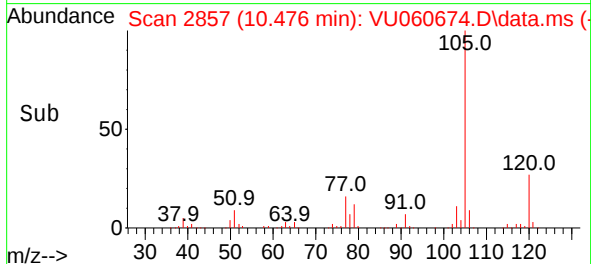
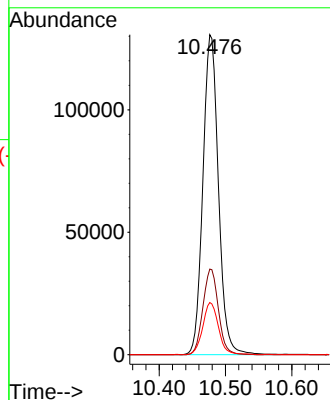
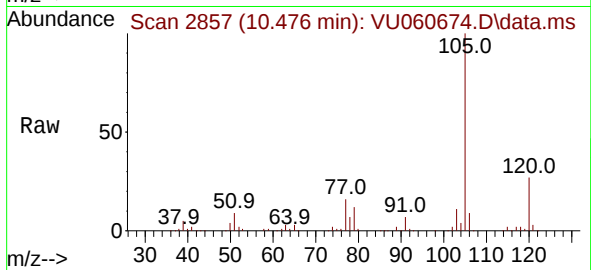




#60
Isopropylbenzene
Concen: 5.499 ug/L
RT: 10.476 min Scan# 212571
Delta R.T. -0.003 min
Lab File: VU060674.D
Acq: 10 Sep 2024 18:17

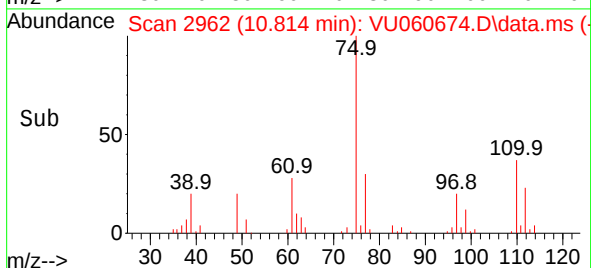
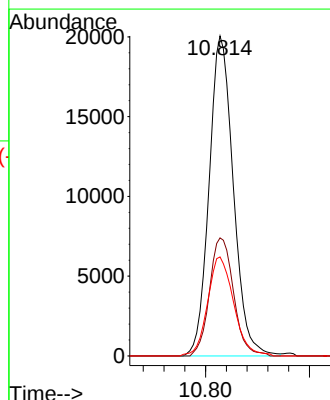
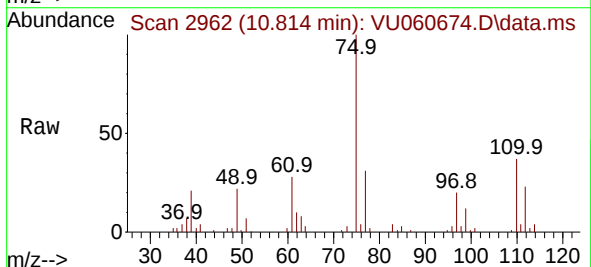
Instrument :
MSVOA_U
ClientSampleId :

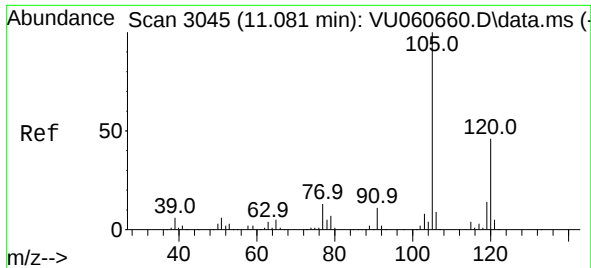
Tgt Ion:105 Resp: 212571
Ion Ratio Lower Upper
105 100
120 26.6 21.0 31.4
77 16.5 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 5.813 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. -0.000 min
Lab File: VU060674.D
Acq: 10 Sep 2024 18:17

Tgt Ion: 75 Resp: 32445
Ion Ratio Lower Upper
75 100
110 36.6 30.2 45.4
77 33.2 25.4 38.2





#62

1,3,5-Trimethylbenzene

Concen: 5.621 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. -0.000 min

Lab File: VU060674.D

Acq: 10 Sep 2024 18:17

Instrument :

MSVOA_U

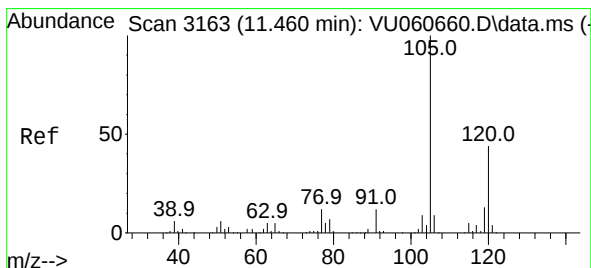
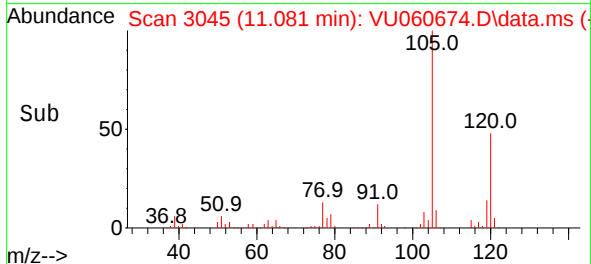
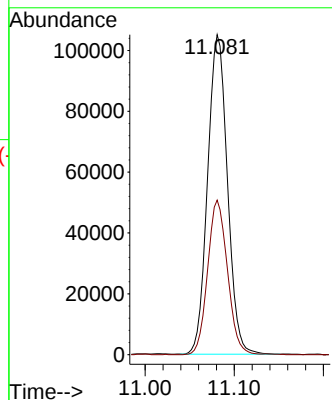
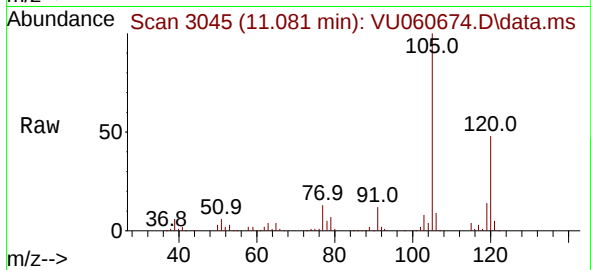
ClientSampleId :

Tgt Ion:105 Resp: 161941

Ion Ratio Lower Upper

105 100

120 48.4 37.4 56.0



#63

1,2,4-Trimethylbenzene

Concen: 5.546 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.000 min

Lab File: VU060674.D

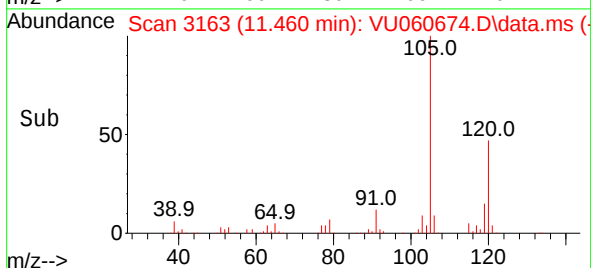
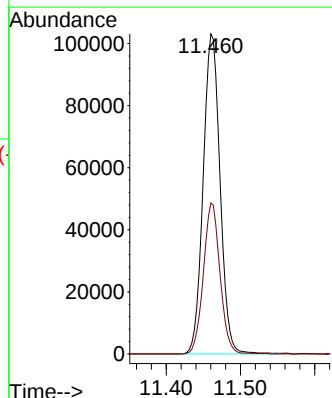
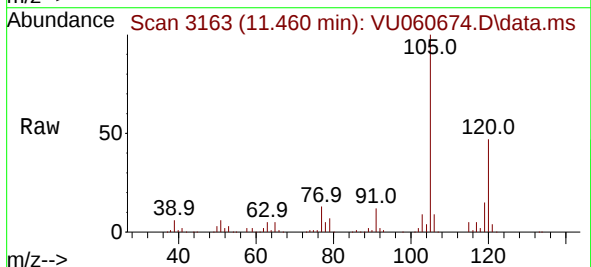
Acq: 10 Sep 2024 18:17

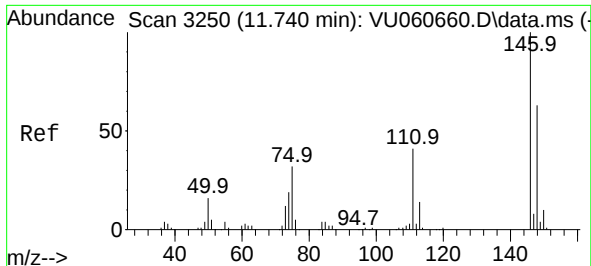
Tgt Ion:105 Resp: 163015

Ion Ratio Lower Upper

105 100

120 46.4 35.7 53.5





#64

1,3-Dichlorobenzene

Concen: 5.465 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. -0.000 min

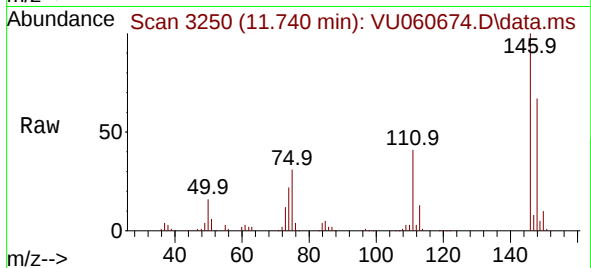
Lab File: VU060674.D

Acq: 10 Sep 2024 18:17

Instrument :

MSVOA_U

ClientSampleId :



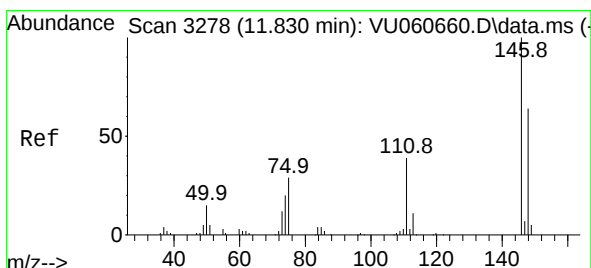
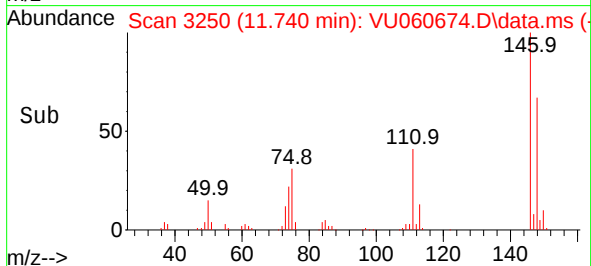
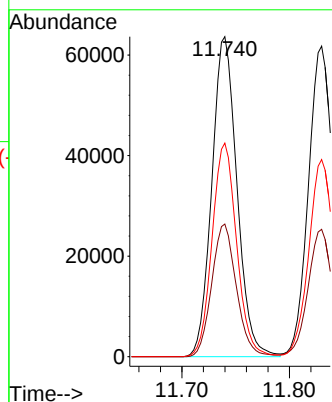
Tgt Ion:146 Resp: 103387

Ion Ratio Lower Upper

146 100

111 41.5 27.9 51.9

148 66.7 43.5 80.7



#65

1,4-Dichlorobenzene

Concen: 5.308 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. -0.000 min

Lab File: VU060674.D

Acq: 10 Sep 2024 18:17

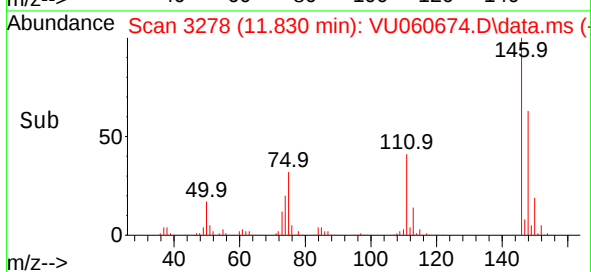
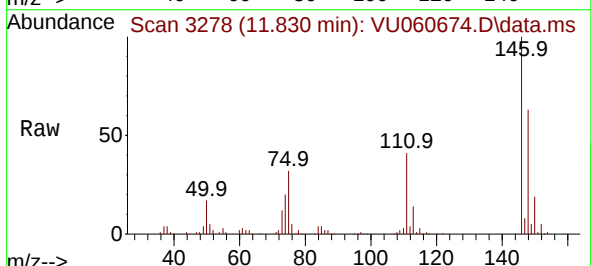
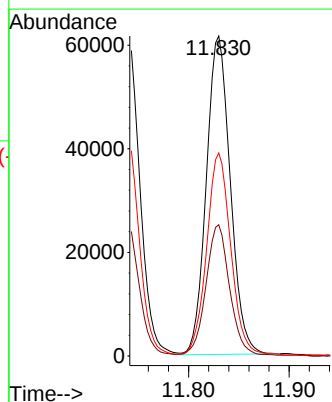
Tgt Ion:146 Resp: 101903

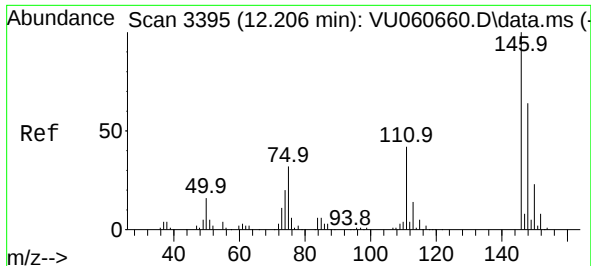
Ion Ratio Lower Upper

146 100

111 41.0 27.2 50.4

148 63.5 43.6 81.0





#67

1,2-Dichlorobenzene

Concen: 5.467 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

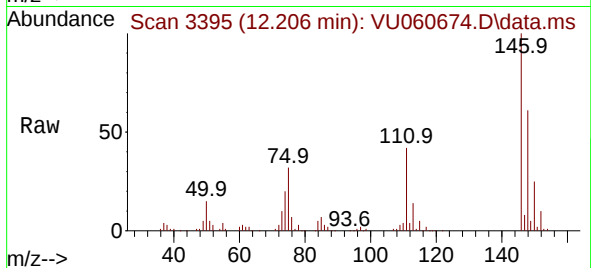
Lab File: VU060674.D

Acq: 10 Sep 2024 18:17

Instrument :

MSVOA_U

ClientSampleId :



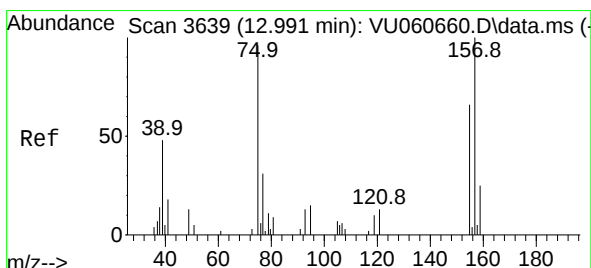
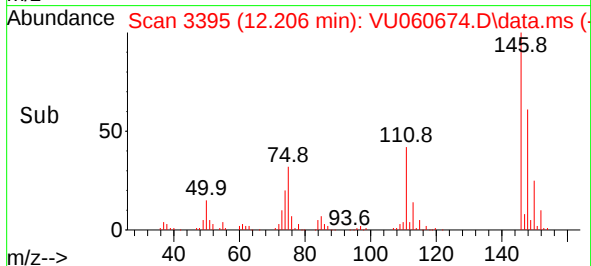
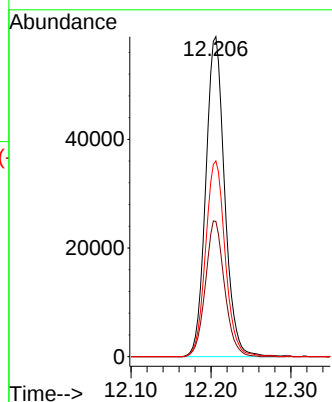
Tgt Ion:146 Resp: 97030

Ion Ratio Lower Upper

146 100

111 42.3 34.6 52.0

148 61.2 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 5.130 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU060674.D

Acq: 10 Sep 2024 18:17

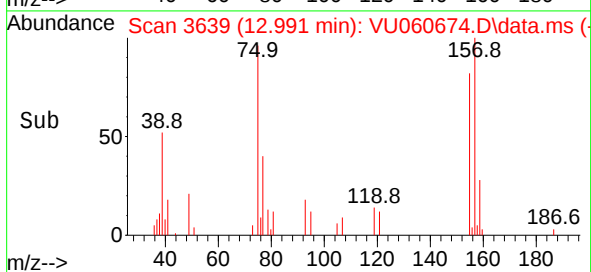
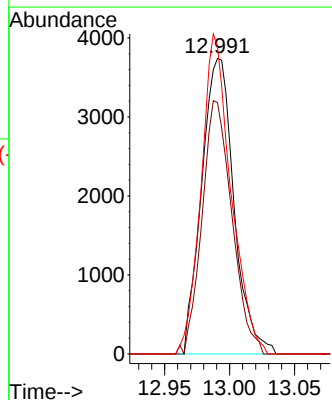
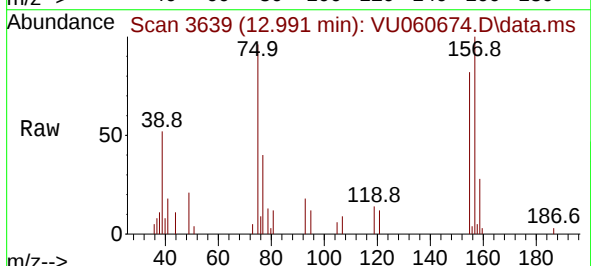
Tgt Ion: 75 Resp: 6464

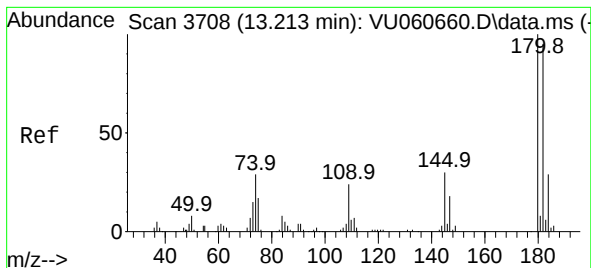
Ion Ratio Lower Upper

75 100

155 85.0 62.7 94.1

157 103.8 70.4 105.6





#69

1,3,5-Trichlorobenzene

Concen: 5.059 ug/L

RT: 13.213 min Scan# 3708

Delta R.T. -0.000 min

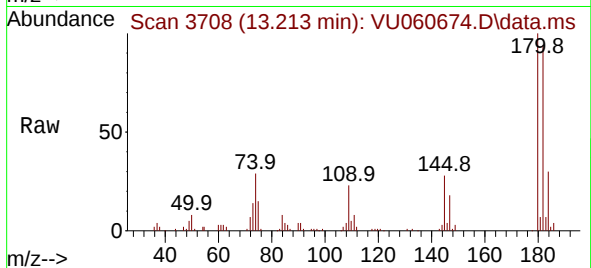
Lab File: VU060674.D

Acq: 10 Sep 2024 18:17

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 73808

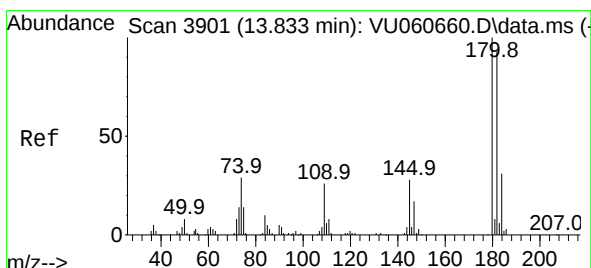
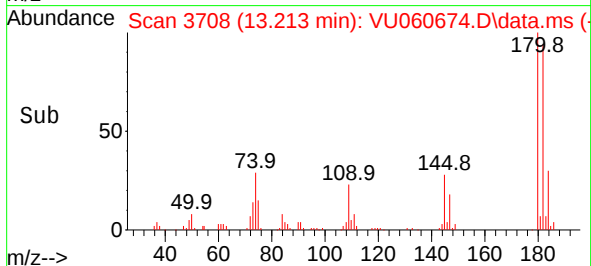
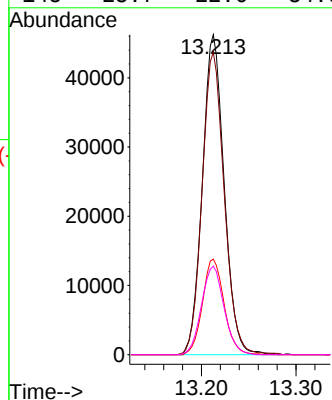
Ion Ratio Lower Upper

180 100

182 96.0 77.6 116.4

184 29.6 24.9 37.3

145 28.7 22.6 34.0



#70

1,2,4-trichlorobenzene

Concen: 4.483 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU060674.D

Acq: 10 Sep 2024 18:17

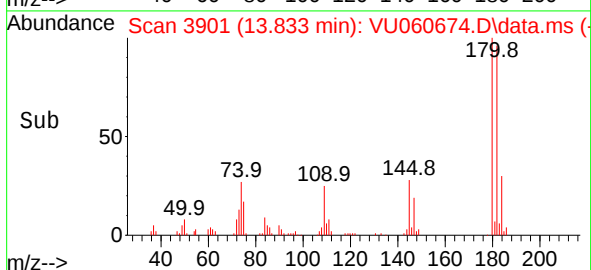
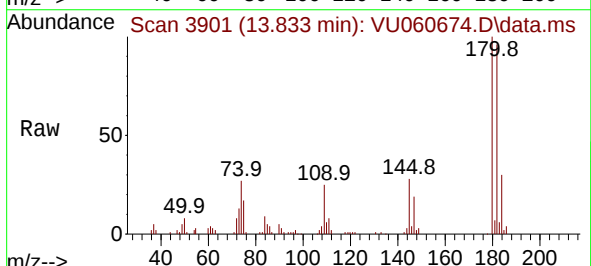
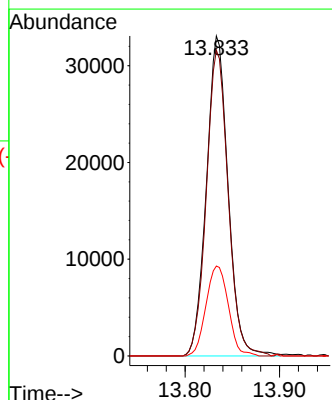
Tgt Ion:180 Resp: 52767

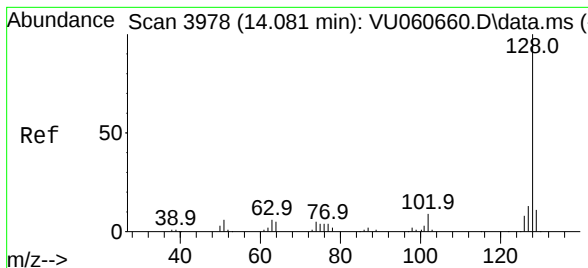
Ion Ratio Lower Upper

180 100

182 95.8 77.3 115.9

145 28.9 23.9 35.9





#71

Naphthalene

Concen: 4.657 ug/L

RT: 14.081 min Scan# 3978

Delta R.T. -0.000 min

Lab File: VU060674.D

Acq: 10 Sep 2024 18:17

Instrument :

MSVOA_U

ClientSampleId :

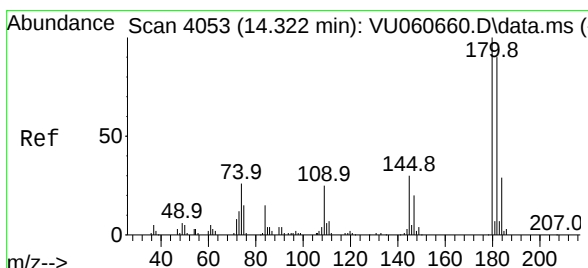
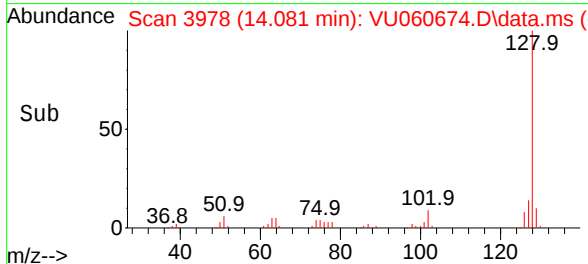
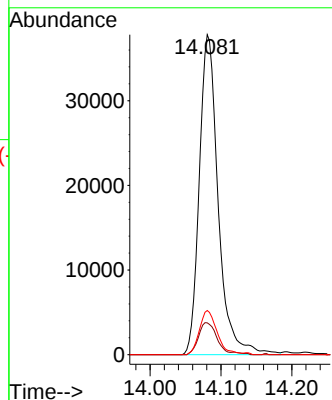
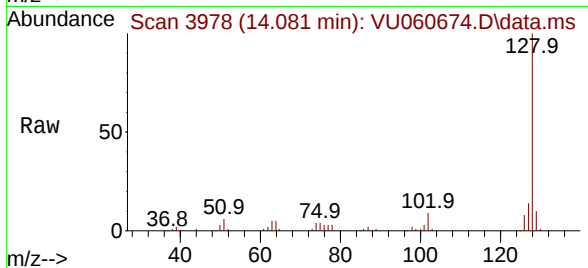
Tgt Ion:128 Resp: 70020

Ion Ratio Lower Upper

128 100

129 10.0 8.5 12.7

127 12.9 10.2 15.2



#72

1,2,3-Trichlorobenzene

Concen: 4.884 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. -0.000 min

Lab File: VU060674.D

Acq: 10 Sep 2024 18:17

Tgt Ion:180 Resp: 48109

Ion Ratio Lower Upper

180 100

182 93.3 76.0 114.0

145 29.4 24.3 36.5

