

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091324\
 Data File : VU060771.D
 Acq On : 13 Sep 2024 22:24
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 14 00:39:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 14 00:33:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	88759	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	89899	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	43037	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	18778	4.790	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.800%
7) Chloroethane-d5	1.911	69	20634	3.474	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.400%
11) 1,1-Dichloroethene-d2	2.560	65	10662	4.615	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.200%
20) 2-Butanone-d5	4.634	46	67531	50.093	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.180%
24) Chloroform-d	5.055	84	62840	5.622	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.400%
26) 1,2-Dichloroethane-d4	5.695	65	32404	5.556	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.200%
32) Benzene-d6	5.718	84	110039	5.598	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.000%
36) 1,2-Dichloropropane-d6	6.682	67	34890	5.501	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.000%
41) Toluene-d8	7.891	98	102835	5.576	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.600%
43) trans-1,3-Dichloroprop...	8.174	79	11435	5.038	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.800%
46) 2-Hexanone-d5	8.627	63	47702	43.897	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.800%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	28690	5.083	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	30658	4.831	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	31332	3.111	ug/L	99
3) Chloromethane	1.515	50	30660	3.513	ug/L	99
5) Vinyl chloride	1.599	62	46117	5.367	ug/L	100
6) Bromomethane	1.853	94	29922	3.460	ug/L	97
8) Chloroethane	1.930	64	27844	3.551	ug/L	99
9) Trichlorofluoromethane	2.132	101	75886	4.062	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	37530	4.748	ug/L	98
12) 1,1-Dichloroethene	2.573	96	34328	4.719	ug/L	94
13) Acetone	2.650	43	50855	45.082	ug/L	97
14) Carbon disulfide	2.788	76	97404	4.126	ug/L	100
15) Methyl Acetate	2.962	43	12371	5.363	ug/L	96
16) Methylene chloride	3.039	84	40937	5.794	ug/L	93
17) Methyl tert-butyl Ether	3.357	73	82644	5.598	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	34740	5.486	ug/L	94
19) 1,1-Dichloroethane	3.859	63	73316	5.713	ug/L	93
21) 2-Butanone	4.711	43	85387	55.350	ug/L	100
22) cis-1,2-Dichloroethene	4.656	96	38578	5.467	ug/L	98
23) Bromochloromethane	4.968	128	19631	6.121	ug/L	92
25) Chloroform	5.078	83	79778	5.874	ug/L	100

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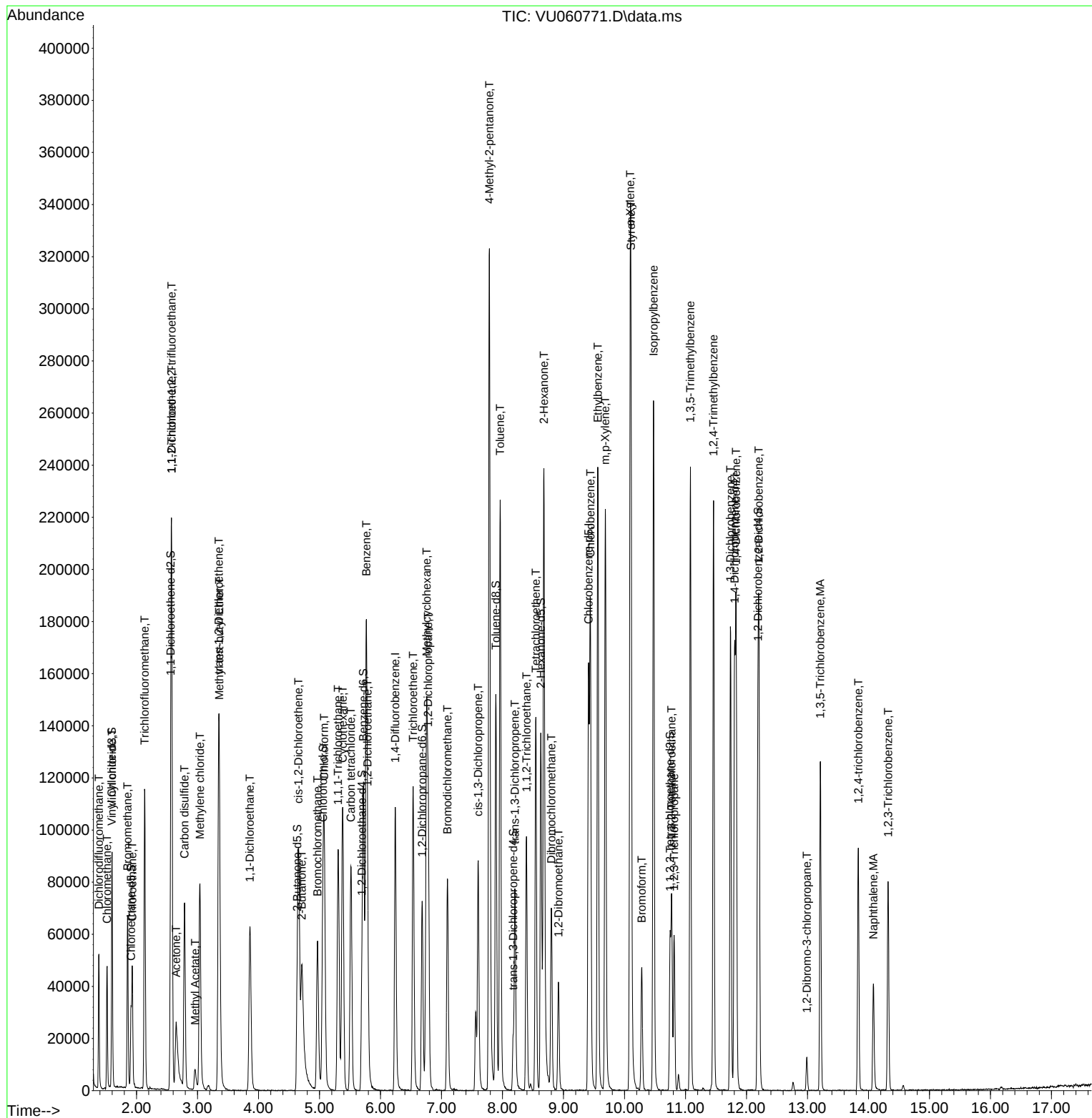
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	48691	5.341	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	69191	5.619	ug/L	99
30) Cyclohexane	5.380	56	50316	4.936	ug/L	99
31) Carbon tetrachloride	5.515	117	62050	5.453	ug/L	99
33) Benzene	5.766	78	160958	5.645	ug/L	100
34) Trichloroethene	6.534	95	39397	5.097	ug/L	98
35) Methylcyclohexane	6.756	83	51099	4.819	ug/L	100
37) 1,2-Dichloropropane	6.782	63	42046	5.755	ug/L	98
38) Bromodichloromethane	7.097	83	56133	5.847	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	53383	4.983	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	212957	55.968	ug/L	99
42) Toluene	7.962	91	167434	5.557	ug/L	95
44) trans-1,3-Dichloropropene	8.203	75	46405	5.277	ug/L	93
45) 1,1,2-Trichloroethane	8.393	97	30735	5.807	ug/L	97
47) Tetrachloroethene	8.547	164	32120	5.070	ug/L	96
48) 2-Hexanone	8.679	43	153177	53.791	ug/L	98
49) Dibromochloromethane	8.801	129	36642	5.980	ug/L	95
50) 1,2-Dibromoethane	8.917	107	27342	5.628	ug/L	98
51) Chlorobenzene	9.441	112	100083	5.131	ug/L	98
52) Ethylbenzene	9.563	91	168432	5.275	ug/L	100
53) m,p-Xylene	9.685	106	65423	5.511	ug/L	97
54) o-Xylene	10.094	106	63435	5.220	ug/L	100
55) Styrene	10.106	104	108348	5.441	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	35351	5.231	ug/L	99
59) Bromoform	10.283	173	21493	6.077	ug/L	97
60) Isopropylbenzene	10.476	105	169019	5.878	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	24605	5.927	ug/L	96
62) 1,3,5-Trimethylbenzene	11.081	105	124509	5.810	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	120355	5.506	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	73570	5.229	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	72601	5.085	ug/L	97
67) 1,2-Dichlorobenzene	12.203	146	64006	4.848	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	3829	4.086	ug/L	90
69) 1,3,5-Trichlorobenzene	13.209	180	39476	3.638	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	30054	3.433	ug/L	96
71) Naphthalene	14.081	128	35906	3.211	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	26632	3.635	ug/L	99

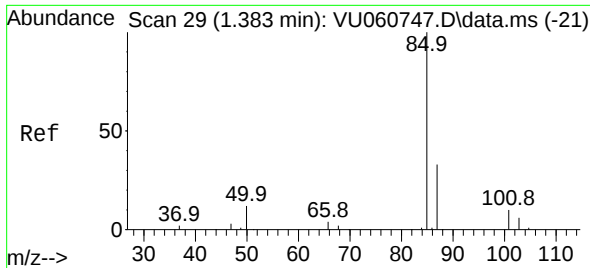
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Instrument :
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Quant Time: Sep 14 00:39:43 2024
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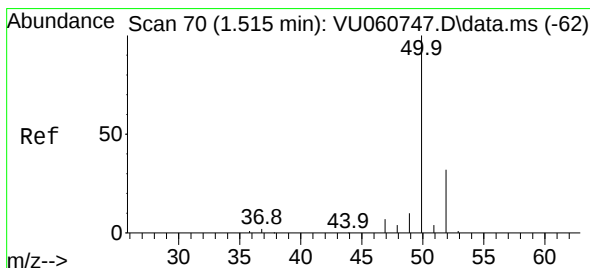
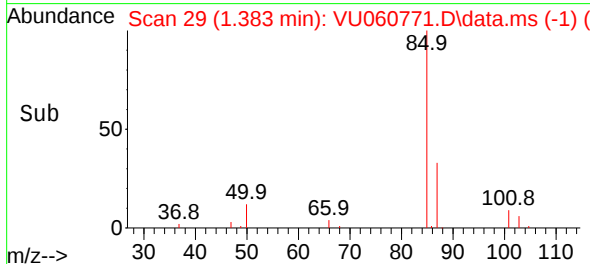
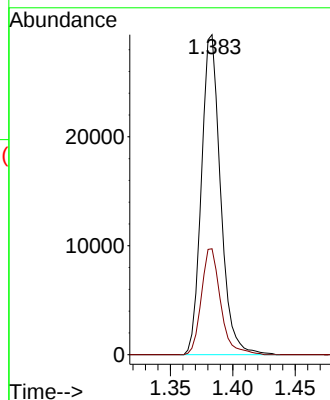
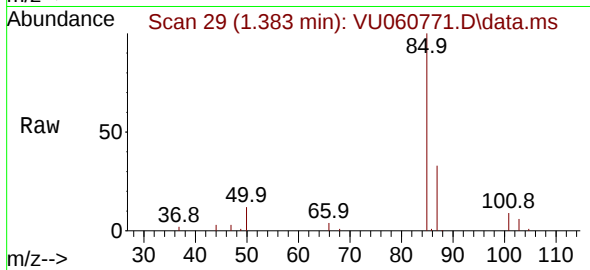




#2
 Dichlorodifluoromethane
 Concen: 3.111 ug/L
 RT: 1.383 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VU060771.D
 Acq: 13 Sep 2024 22:24

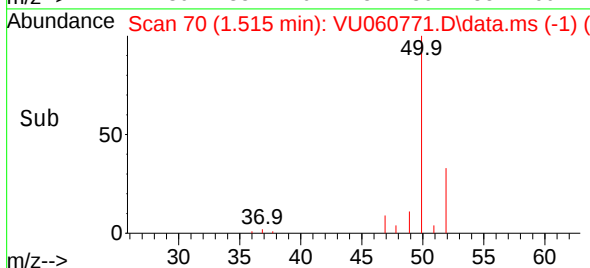
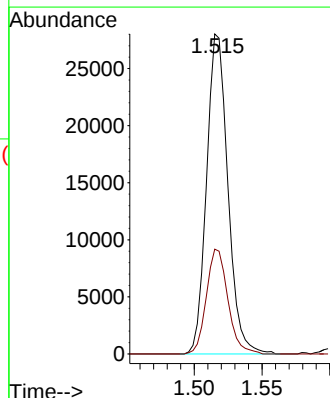
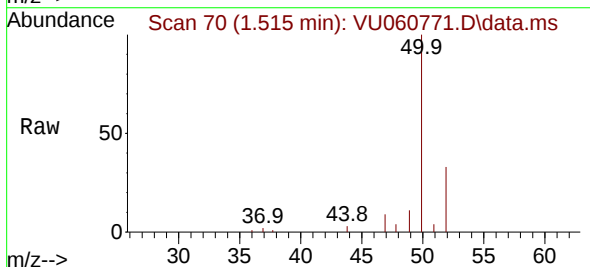
Instrument :
 MSVOA_U
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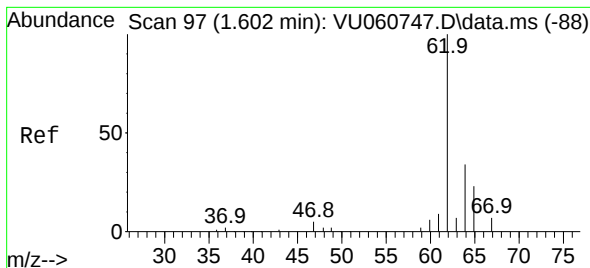
Tgt Ion: 85 Resp: 31332
 Ion Ratio Lower Upper
 85 100
 87 33.4 26.2 39.4



#3
 Chloromethane
 Concen: 3.513 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VU060771.D
 Acq: 13 Sep 2024 22:24

Tgt Ion: 50 Resp: 30660
 Ion Ratio Lower Upper
 50 100
 52 32.7 22.7 42.1





#5

Vinyl chloride

Concen: 5.367 ug/L

RT: 1.599 min Scan# 9

Delta R.T. -0.003 min

Lab File: VU060771.D

Acq: 13 Sep 2024 22:24

Instrument :

MSVOA_U

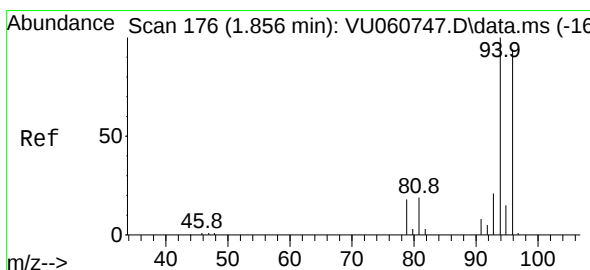
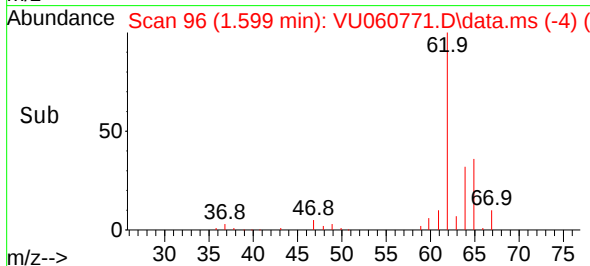
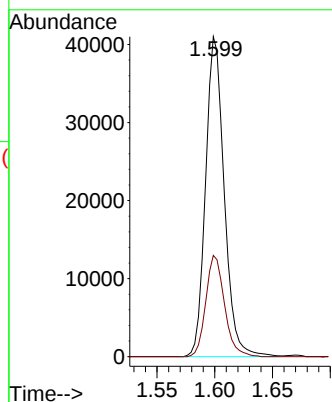
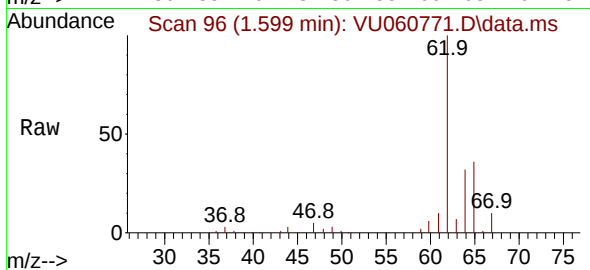
ClientSampleId :

Tgt Ion: 62 Resp: 46117

Ion Ratio Lower Upper

62 100

64 31.6 22.0 40.8



#6

Bromomethane

Concen: 3.460 ug/L

RT: 1.853 min Scan# 175

Delta R.T. -0.003 min

Lab File: VU060771.D

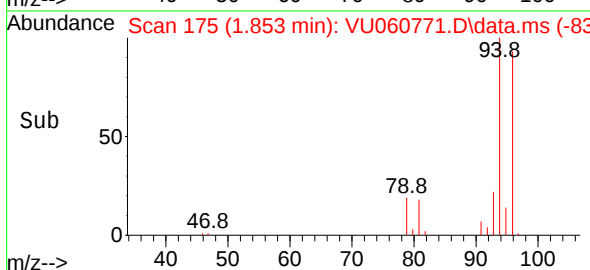
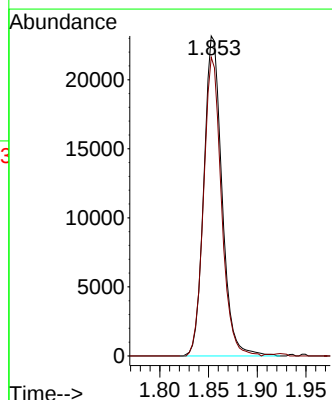
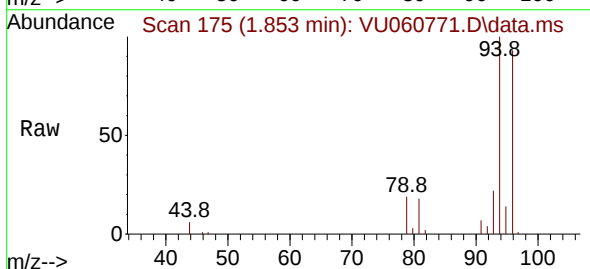
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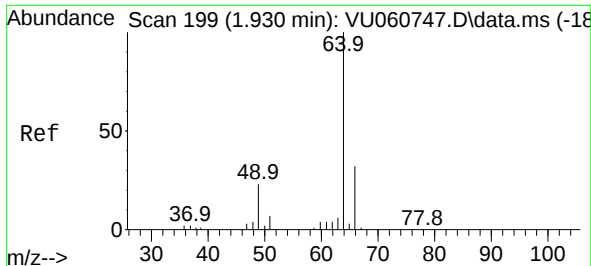
Tgt Ion: 94 Resp: 29922

Ion Ratio Lower Upper

94 100

96 93.3 63.3 117.5

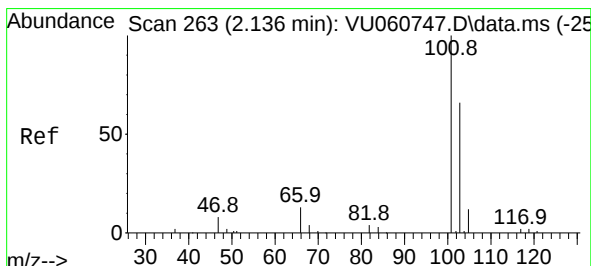
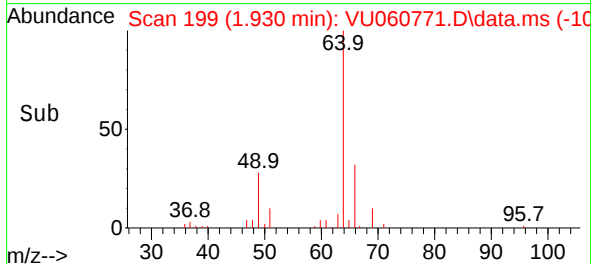
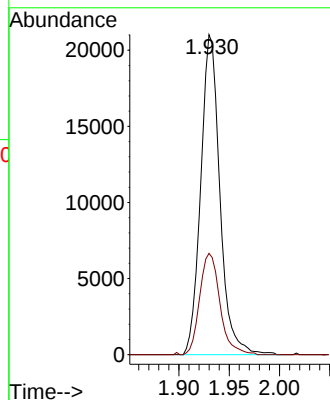
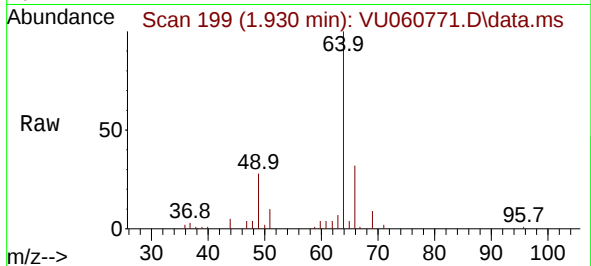




#8
Chloroethane
Concen: 3.551 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU060771.D
Acq: 13 Sep 2024 22:24

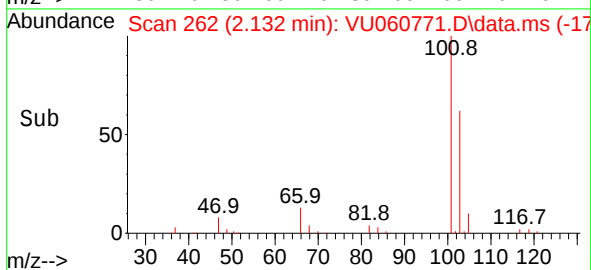
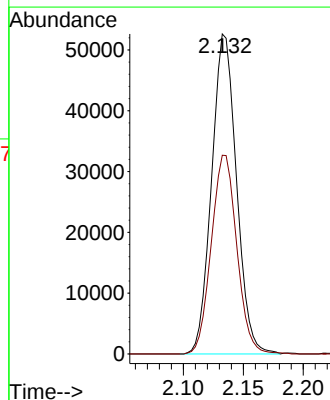
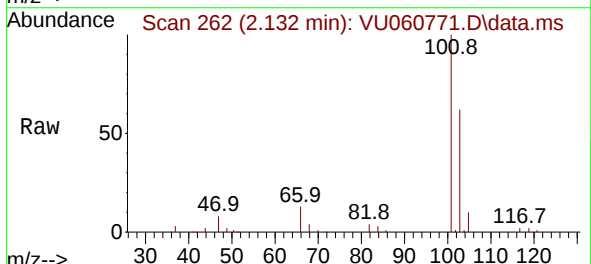
Instrument :
MSVOA_U
ClientSampleId :

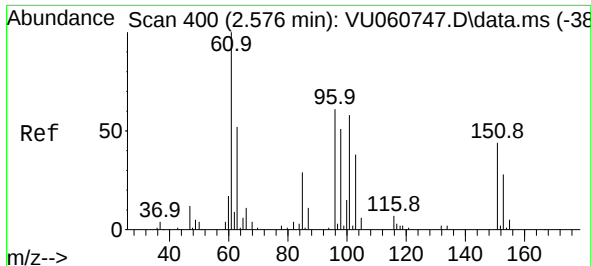
Tgt Ion: 64 Resp: 27844
Ion Ratio Lower Upper
64 100
66 31.6 22.5 41.9



#9
Trichlorofluoromethane
Concen: 4.062 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.003 min
Lab File: VU060771.D
Acq: 13 Sep 2024 22:24

Tgt Ion:101 Resp: 75886
Ion Ratio Lower Upper
101 100
103 63.7 51.4 77.2

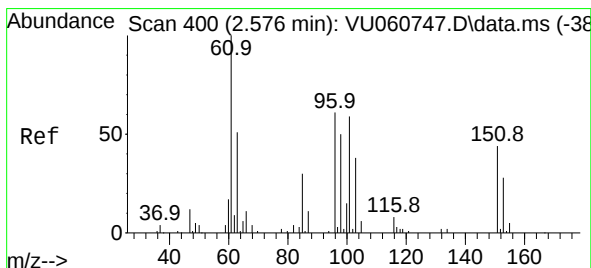
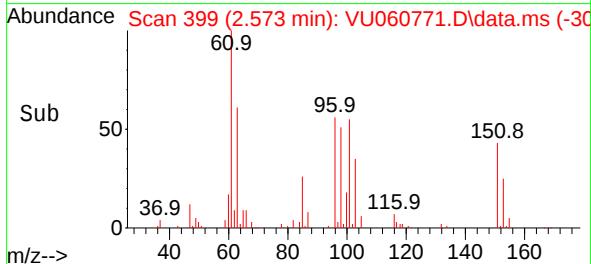
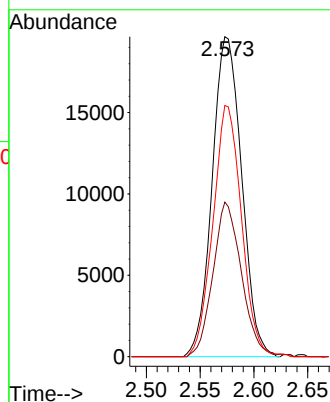
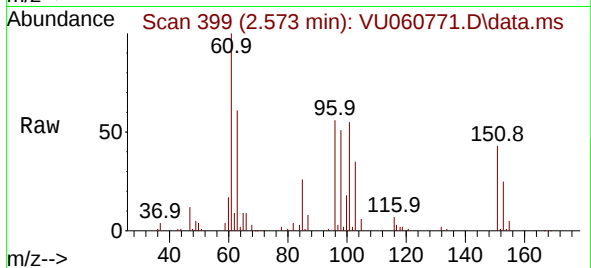




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.748 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.003 min
 Lab File: VU060771.D
 Acq: 13 Sep 2024 22:24

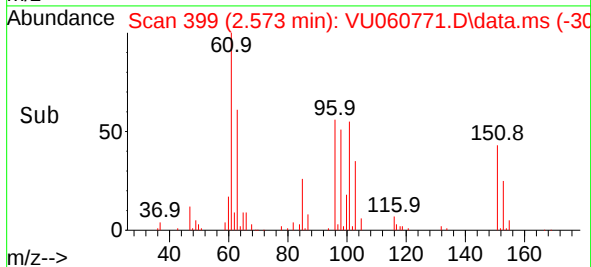
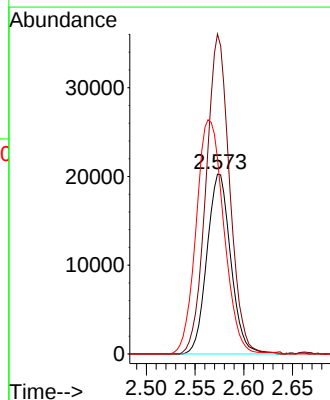
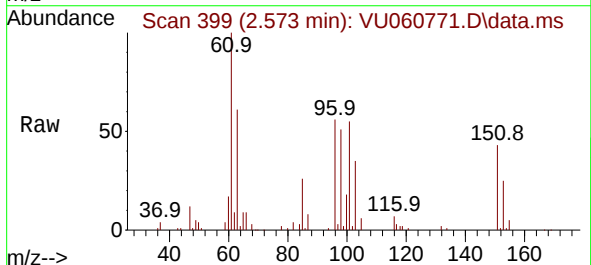
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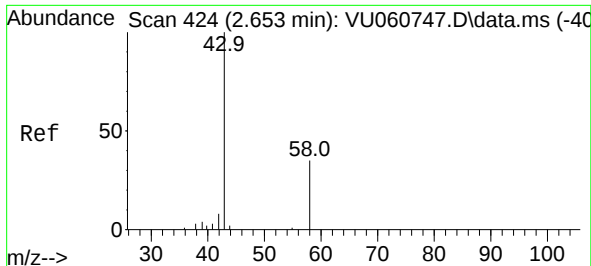
Tgt Ion:101 Resp: 37530
 Ion Ratio Lower Upper
 101 100
 85 46.5 35.8 53.6
 151 76.0 61.7 92.5



#12
 1,1-Dichloroethene
 Concen: 4.719 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.003 min
 Lab File: VU060771.D
 Acq: 13 Sep 2024 22:24

Tgt Ion: 96 Resp: 34328
 Ion Ratio Lower Upper
 96 100
 61 177.9 116.4 216.2
 63 108.6 74.8 139.0





#13

Acetone

Concen: 45.082 ug/L

RT: 2.650 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU060771.D

Acq: 13 Sep 2024 22:24

Instrument :

MSVOA_U

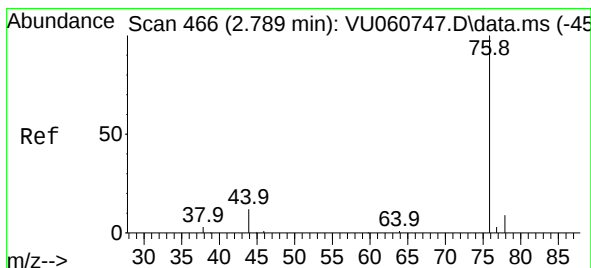
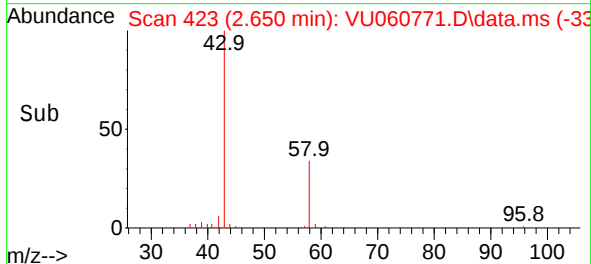
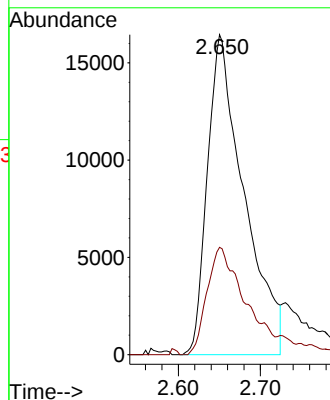
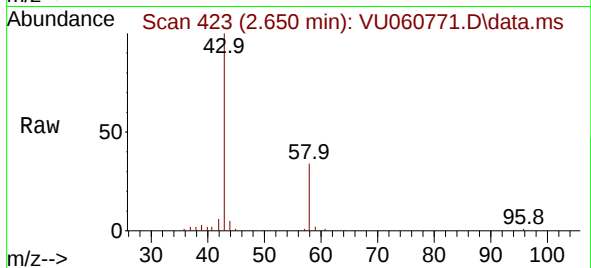
ClientSampleId :

Tgt Ion: 43 Resp: 50855

Ion Ratio Lower Upper

43 100

58 35.0 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: VU060771.D

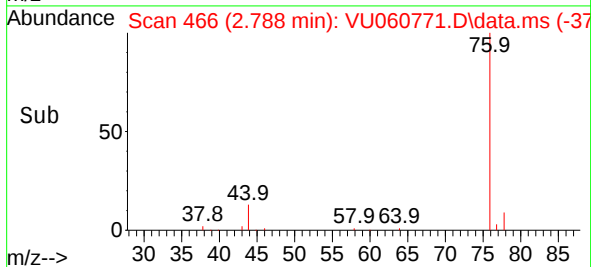
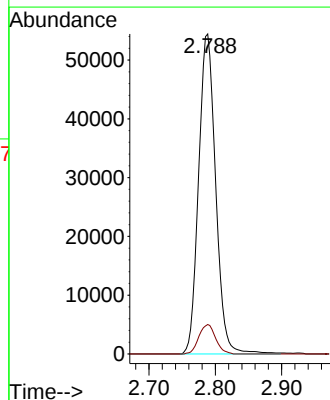
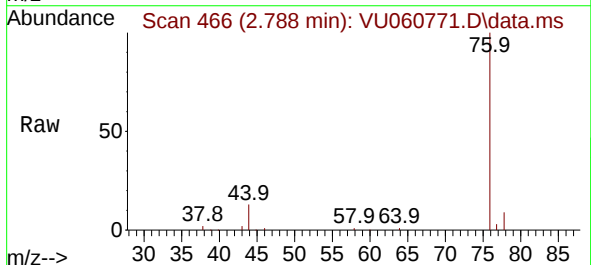
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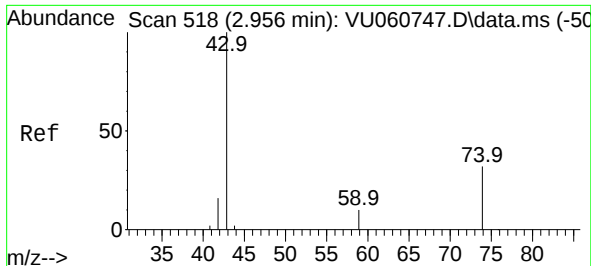
Tgt Ion: 76 Resp: 97404

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.2





#15

Methyl Acetate

Concen: 5.363 ug/L

RT: 2.962 min Scan# 518

Delta R.T. 0.006 min

Lab File: VU060771.D

Acq: 13 Sep 2024 22:24

Instrument :

MSVOA_U

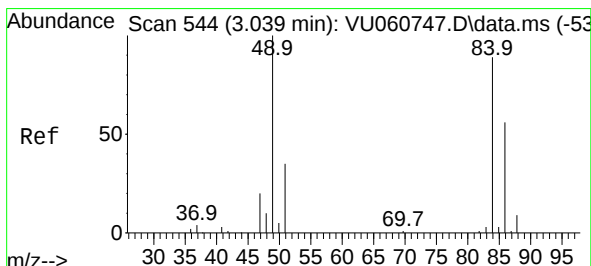
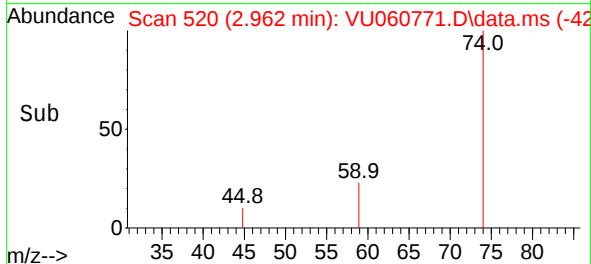
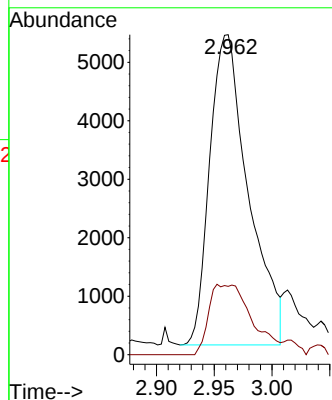
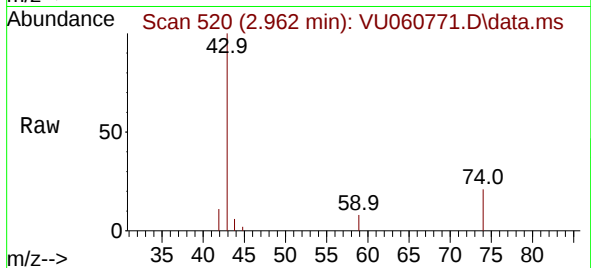
ClientSampleId :

Tgt Ion: 43 Resp: 12371

Ion Ratio Lower Upper

43 100

74 24.9 21.4 32.2



#16

Methylene chloride

Concen: 5.794 ug/L

RT: 3.039 min Scan# 544

Delta R.T. -0.000 min

Lab File: VU060771.D

Acq: 13 Sep 2024 22:24

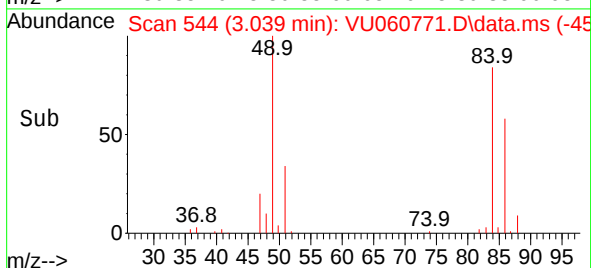
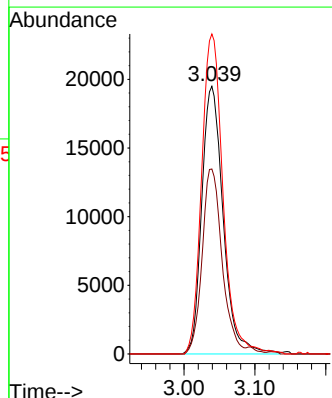
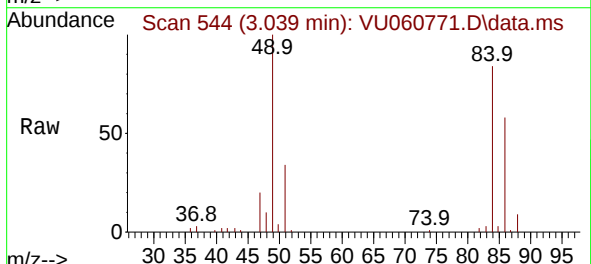
Tgt Ion: 84 Resp: 40937

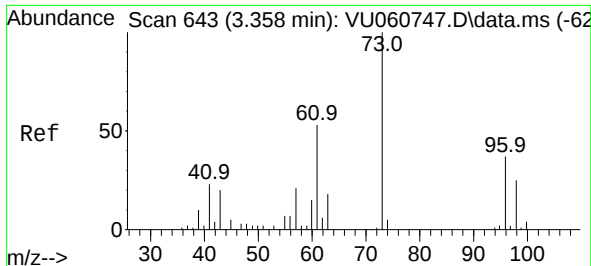
Ion Ratio Lower Upper

84 100

86 69.1 47.5 88.3

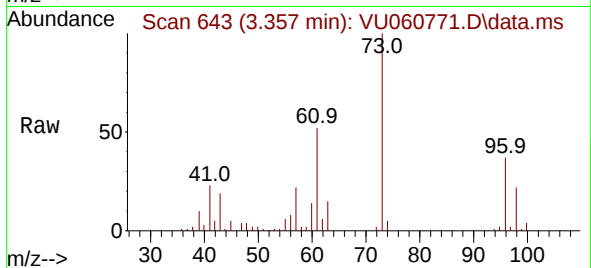
49 123.9 94.4 175.2



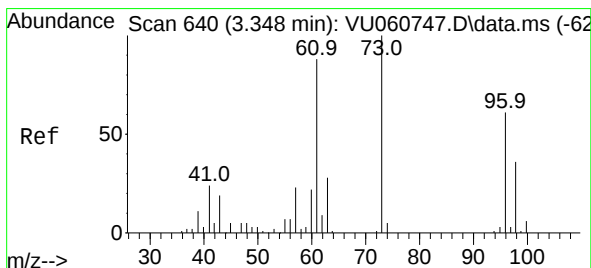
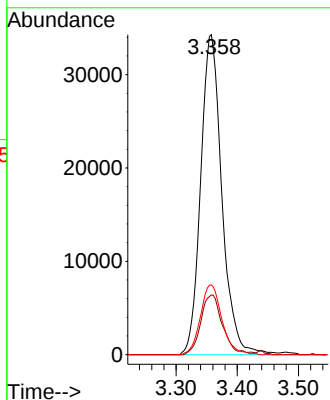
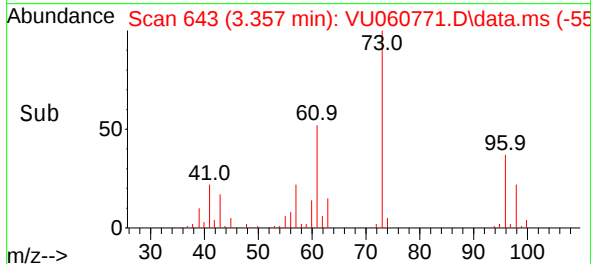


#17
Methyl tert-butyl Ether
Concen: 5.598 ug/L
RT: 3.357 min Scan# 643
Delta R.T. -0.000 min
Lab File: VU060771.D
Acq: 13 Sep 2024 22:24

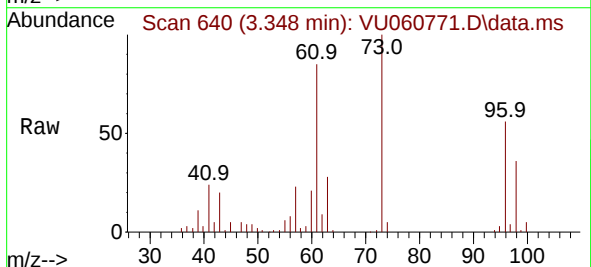
Instrument :
MSVOA_U
ClientSampleId :



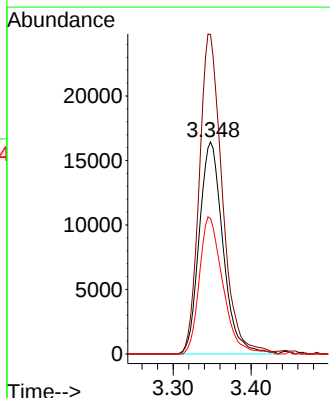
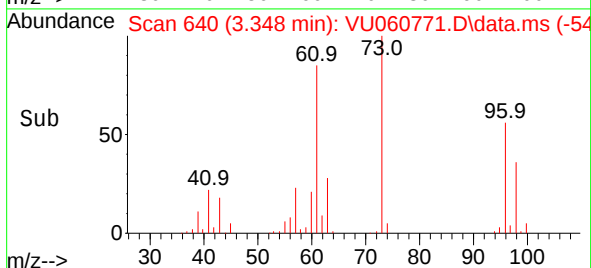
Tgt Ion: 73 Resp: 82644
Ion Ratio Lower Upper
73 100
43 18.6 15.8 23.6
57 22.0 16.8 25.2

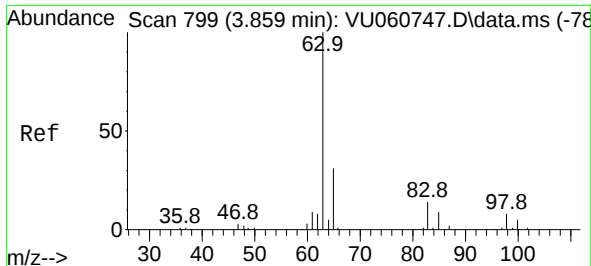


#18
trans-1,2-Dichloroethene
Concen: 5.486 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU060771.D
Acq: 13 Sep 2024 22:24



Tgt Ion: 96 Resp: 34740
Ion Ratio Lower Upper
96 100
61 150.7 99.2 184.2
98 63.9 44.0 81.8

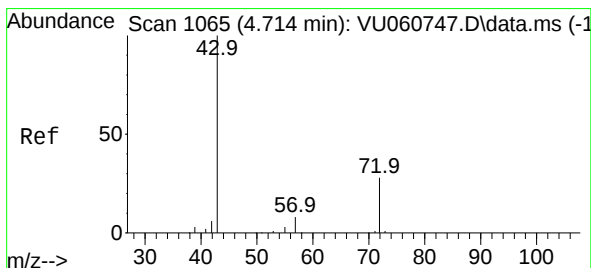
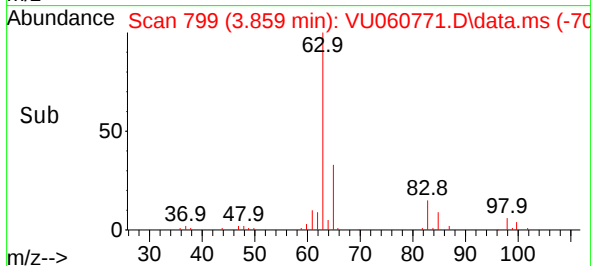
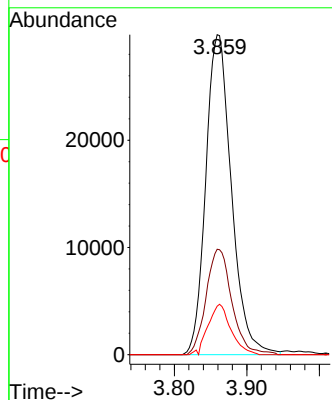
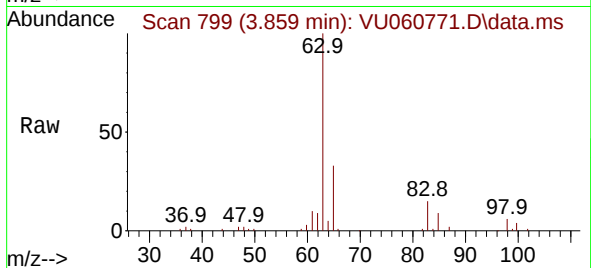




#19
1,1-Dichloroethane
Concen: 5.713 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU060771.D
Acq: 13 Sep 2024 22:24

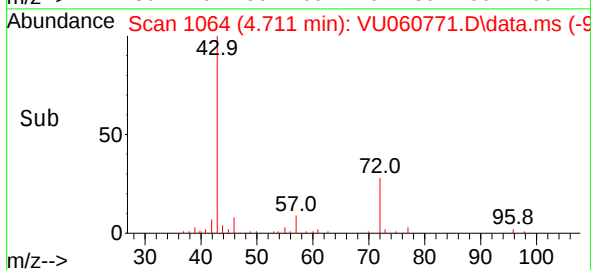
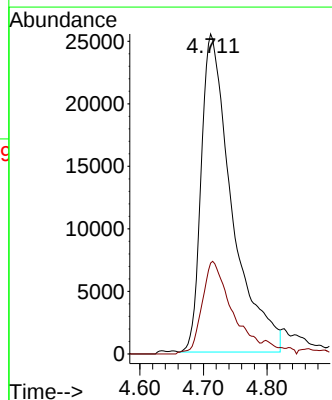
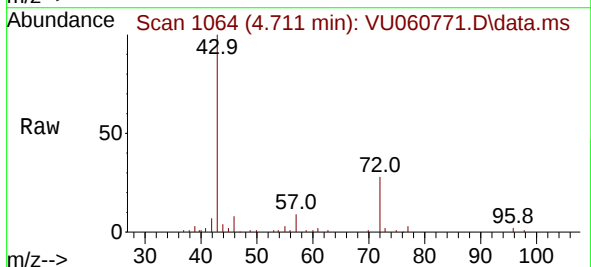
Instrument :
MSVOA_U
ClientSampleId :

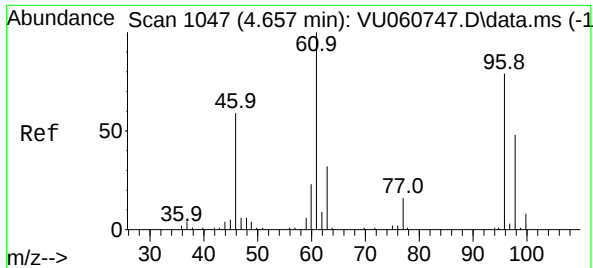
Tgt Ion:	63	Resp:	73316
Ion	Ratio	Lower	Upper
63	100		
65	33.6	20.5	38.1
83	15.1	9.2	17.2



#21
2-Butanone
Concen: 55.350 ug/L
RT: 4.711 min Scan# 1064
Delta R.T. -0.003 min
Lab File: VU060771.D
Acq: 13 Sep 2024 22:24

Tgt Ion:	43	Resp:	85387
Ion	Ratio	Lower	Upper
43	100		
72	27.9	14.0	42.0

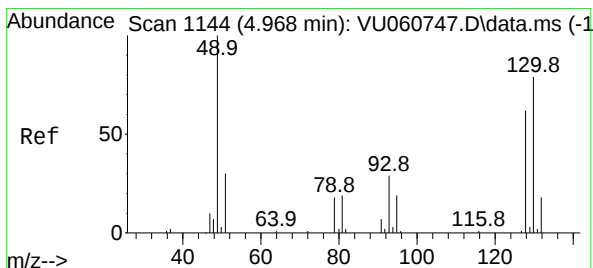
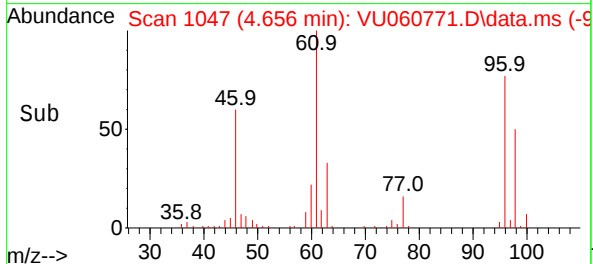
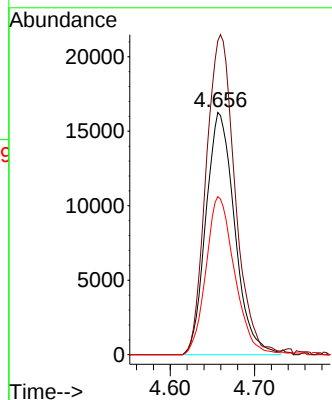
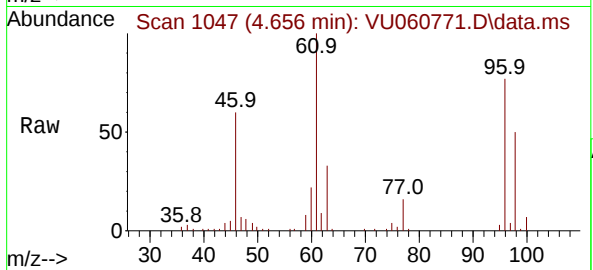




#22
 cis-1,2-Dichloroethene
 Concen: 5.467 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. -0.000 min
 Lab File: VU060771.D
 Acq: 13 Sep 2024 22:24

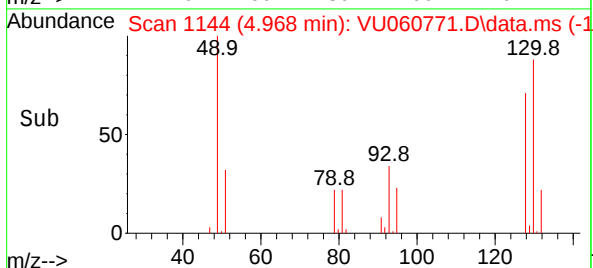
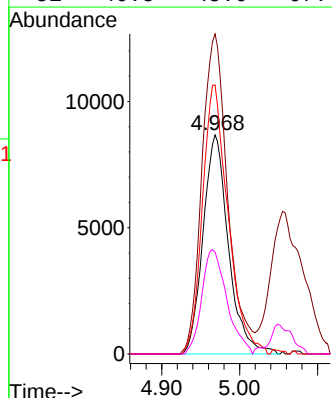
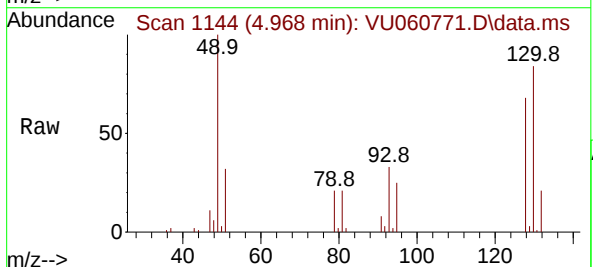
Instrument :
 MSVOA_U
 ClientSampleId :

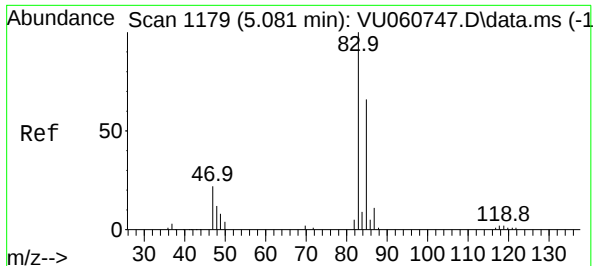
Tgt Ion: 96 Resp: 38578
 Ion Ratio Lower Upper
 96 100
 61 129.6 92.9 172.5
 98 65.2 45.0 83.6



#23
 Bromochloromethane
 Concen: 6.121 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. -0.000 min
 Lab File: VU060771.D
 Acq: 13 Sep 2024 22:24

Tgt Ion:128 Resp: 19631
 Ion Ratio Lower Upper
 128 100
 49 146.1 108.1 200.7
 130 122.8 93.1 172.9
 51 46.5 45.0 67.4





#25

Chloroform

Concen: 5.874 ug/L

RT: 5.078 min Scan# 1179

Delta R.T. -0.003 min

Lab File: VU060771.D

Acq: 13 Sep 2024 22:24

Instrument :

MSVOA_U

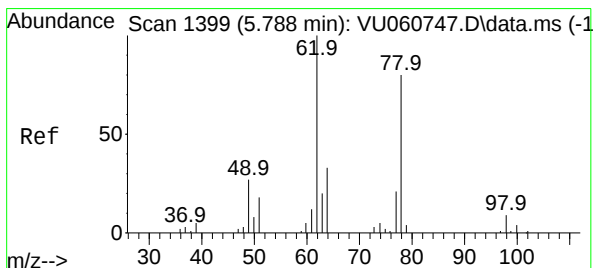
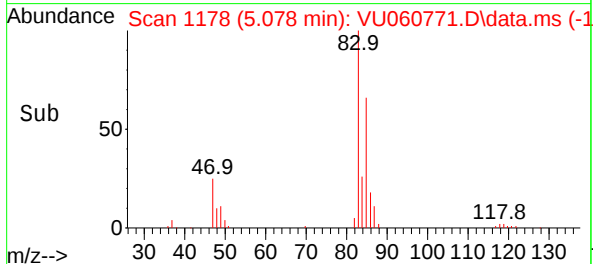
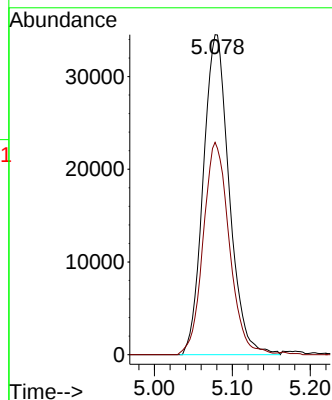
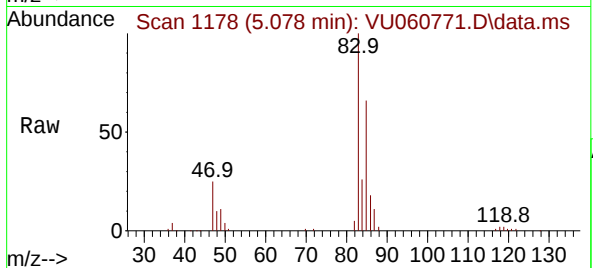
ClientSampleId :

Tgt Ion: 83 Resp: 79778

Ion Ratio Lower Upper

83 100

85 66.4 46.4 86.2



#27

1,2-Dichloroethane

Concen: 5.341 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. -0.000 min

Lab File: VU060771.D

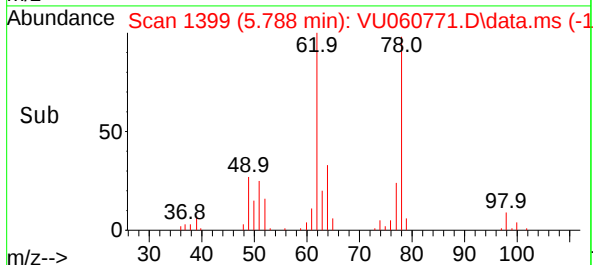
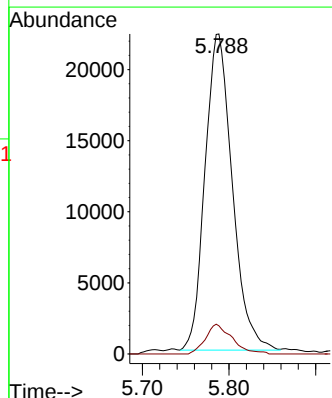
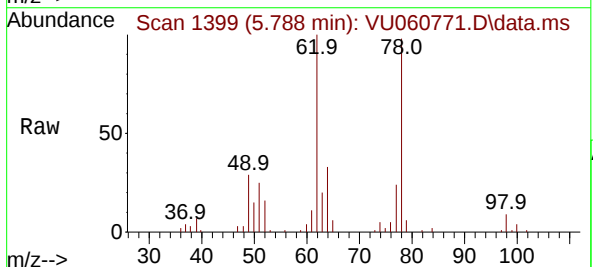
Acq: 13 Sep 2024 22:24

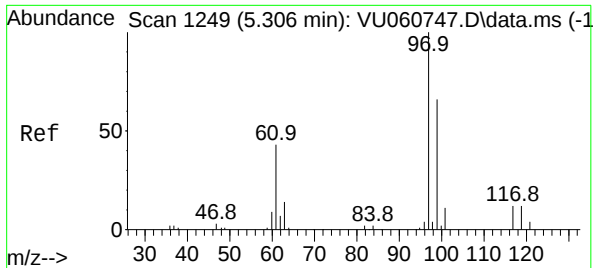
Tgt Ion: 62 Resp: 48691

Ion Ratio Lower Upper

62 100

98 8.8 7.0 10.4

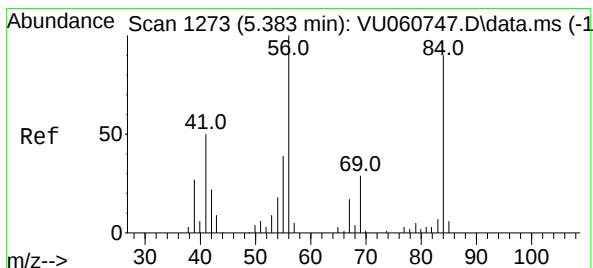
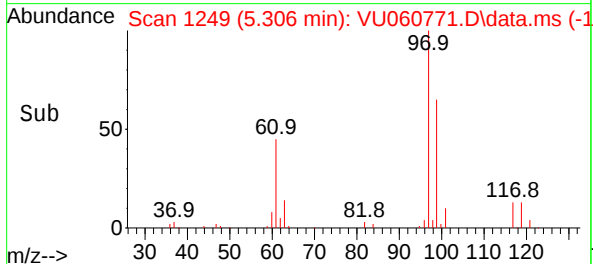
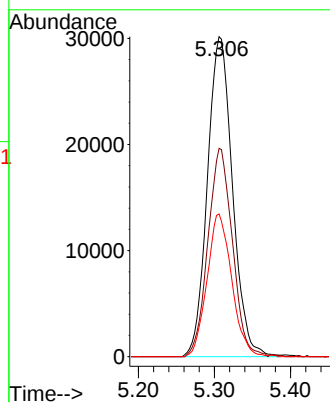
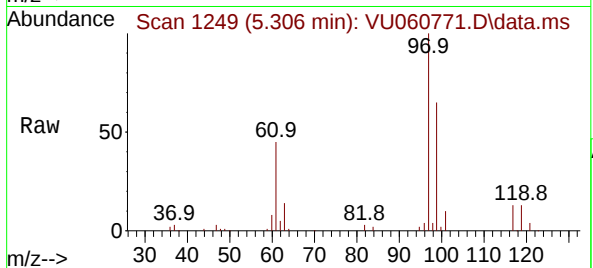




#29
1,1,1-Trichloroethane
Concen: 5.619 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU060771.D
Acq: 13 Sep 2024 22:24

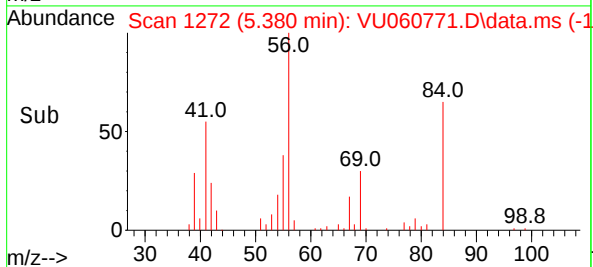
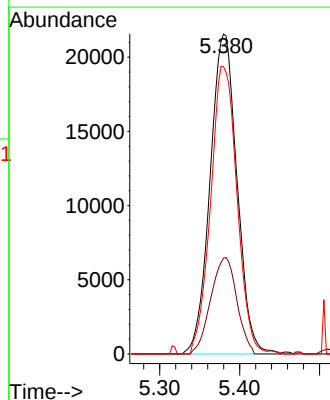
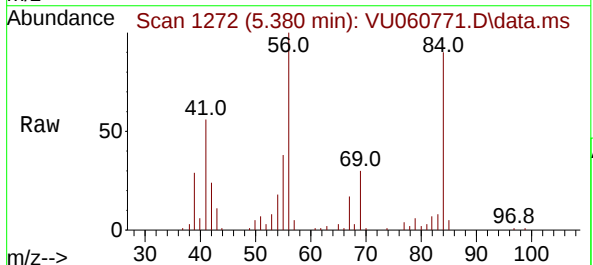
Instrument :
MSVOA_U
ClientSampleId :

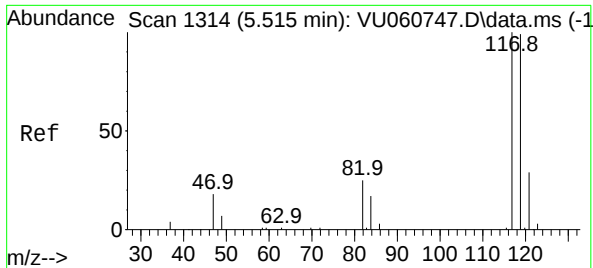
Tgt Ion: 97	Resp: 69191
Ion Ratio	Lower Upper
97	100
99	63.4 49.7 74.5
61	43.8 35.4 53.2



#30
Cyclohexane
Concen: 4.936 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.003 min
Lab File: VU060771.D
Acq: 13 Sep 2024 22:24

Tgt Ion: 56	Resp: 50316
Ion Ratio	Lower Upper
56	100
69	29.2 24.2 36.2
84	88.2 69.7 104.5

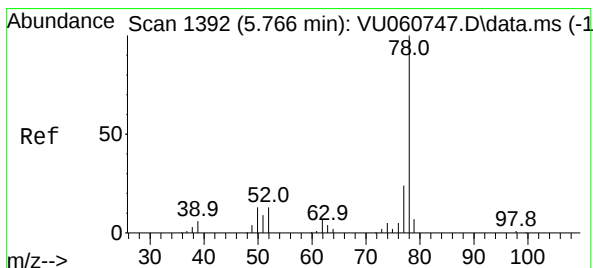
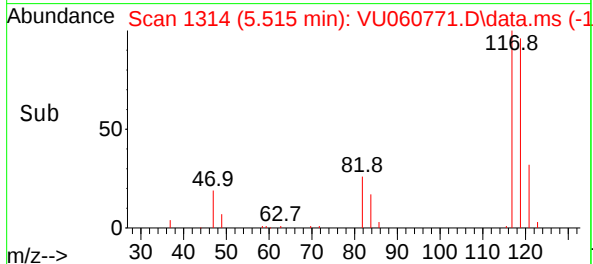
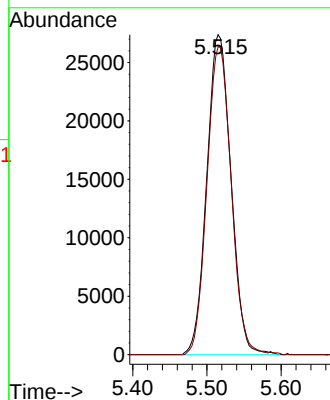
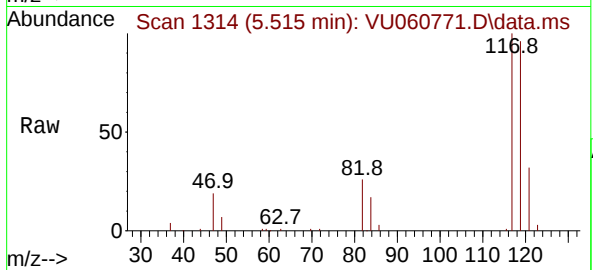




#31
Carbon tetrachloride
Concen: 5.453 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU060771.D
Acq: 13 Sep 2024 22:24

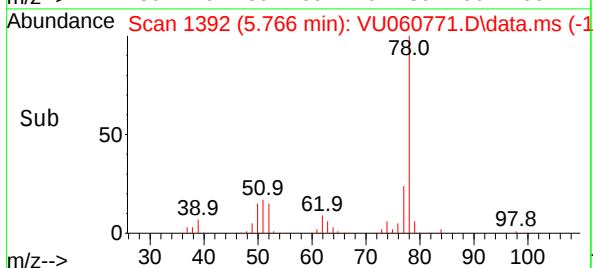
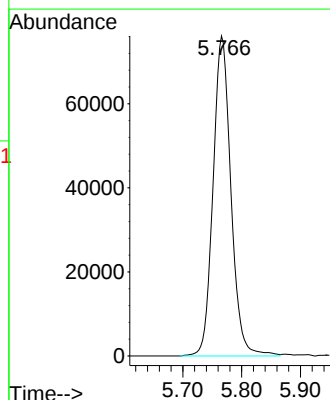
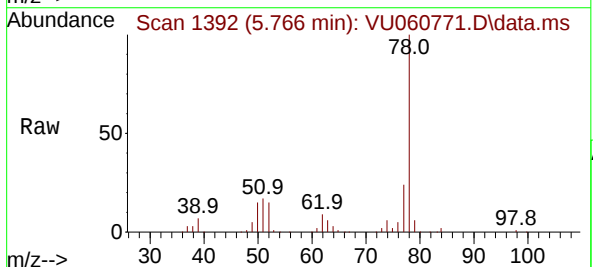
Instrument :
MSVOA_U
ClientSampleId :

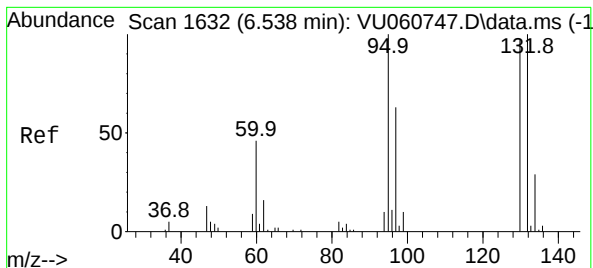
Tgt Ion:117 Resp: 62050
Ion Ratio Lower Upper
117 100
119 96.2 76.4 114.6



#33
Benzene
Concen: 5.645 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU060771.D
Acq: 13 Sep 2024 22:24

Tgt Ion: 78 Resp: 160958





#34

Trichloroethene

Concen: 5.097 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU060771.D

Acq: 13 Sep 2024 22:24

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 39397

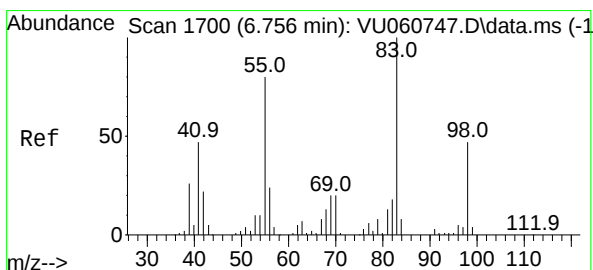
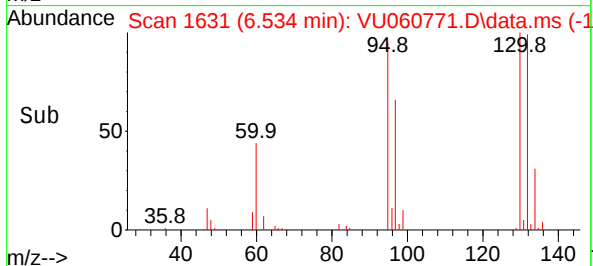
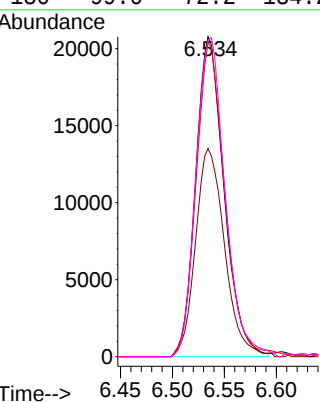
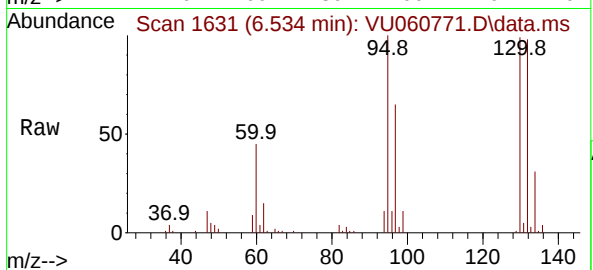
Ion Ratio Lower Upper

95 100

97 65.1 45.8 85.2

132 98.2 67.4 125.2

130 99.0 72.2 134.2



#35

Methylcyclohexane

Concen: 4.819 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VU060771.D

Acq: 13 Sep 2024 22:24

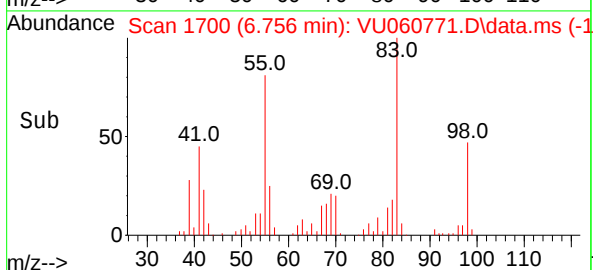
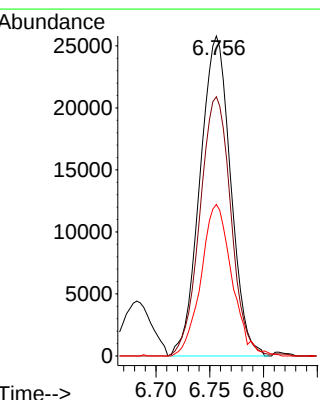
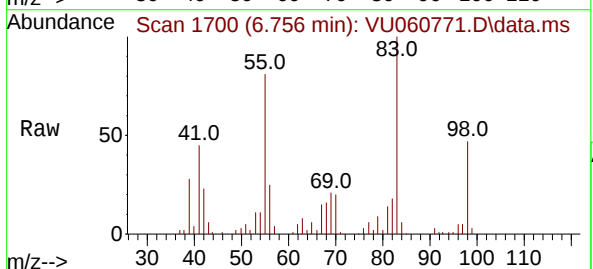
Tgt Ion: 83 Resp: 51099

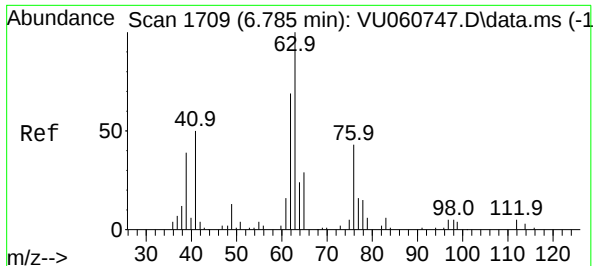
Ion Ratio Lower Upper

83 100

55 82.0 65.8 98.8

98 47.7 37.8 56.8

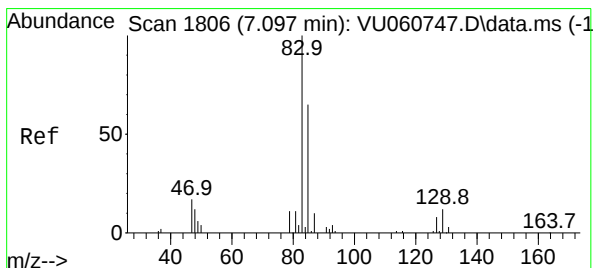
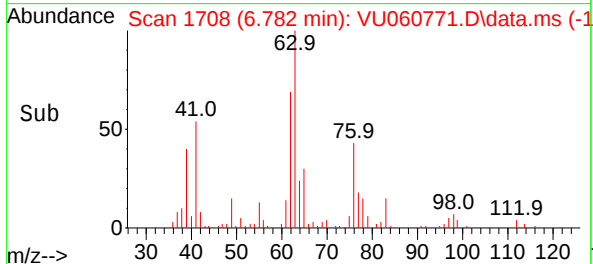
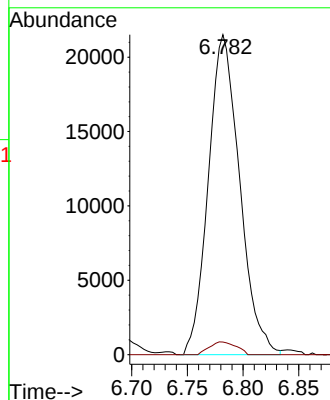
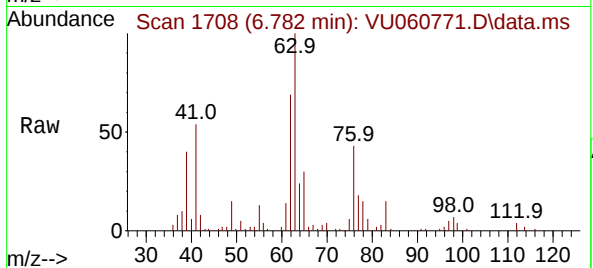




#37
1,2-Dichloropropane
Concen: 5.755 ug/L
RT: 6.782 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU060771.D
Acq: 13 Sep 2024 22:24

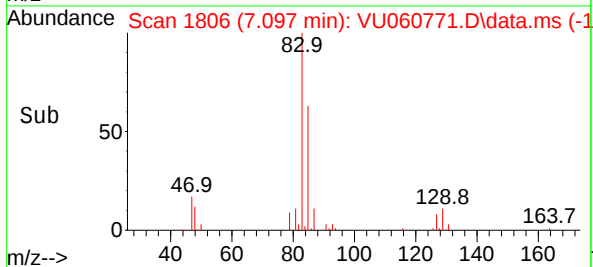
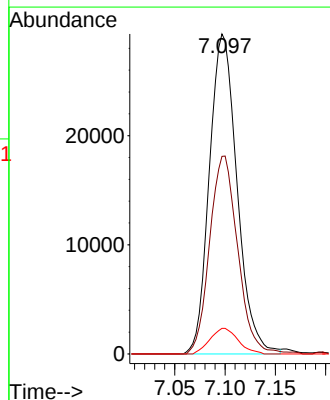
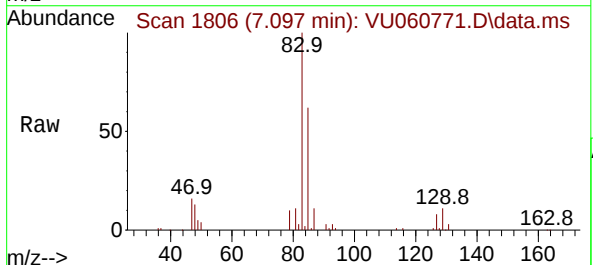
Instrument :
MSVOA_U
ClientSampleId :

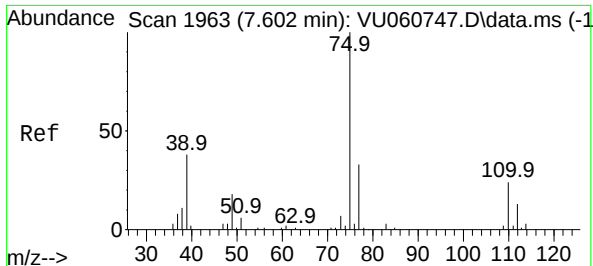
Tgt Ion: 63 Resp: 42046
Ion Ratio Lower Upper
63 100
112 3.4 2.3 3.5



#38
Bromodichloromethane
Concen: 5.847 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU060771.D
Acq: 13 Sep 2024 22:24

Tgt Ion: 83 Resp: 56133
Ion Ratio Lower Upper
83 100
85 61.8 44.9 83.5
127 8.0 7.3 10.9

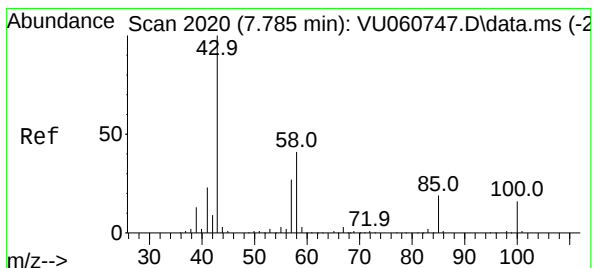
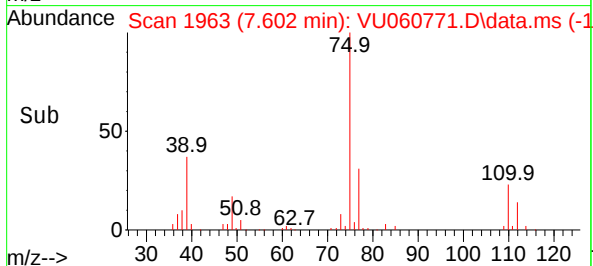
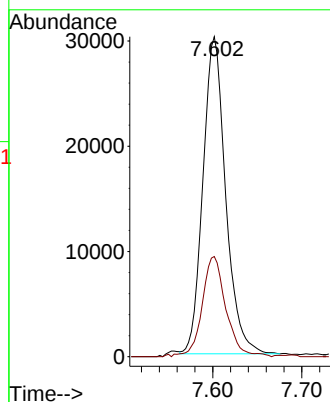
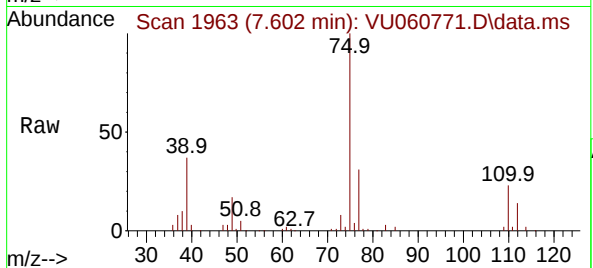




#39
 cis-1,3-Dichloropropene
 Concen: 4.983 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: VU060771.D
 Acq: 13 Sep 2024 22:24

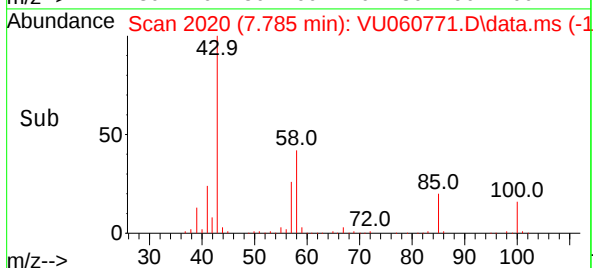
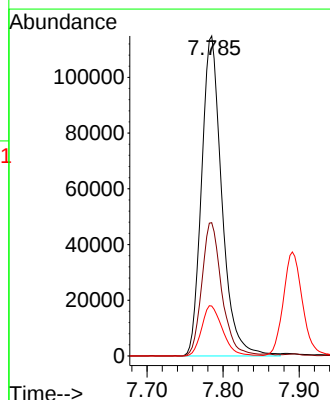
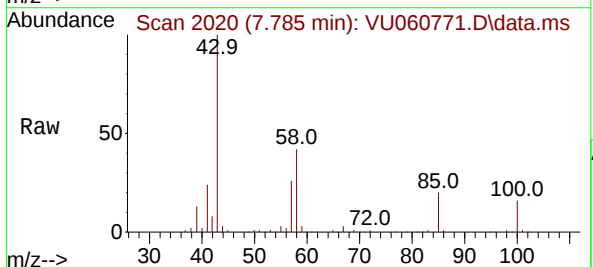
Instrument :
 MSVOA_U
 ClientSampleId :

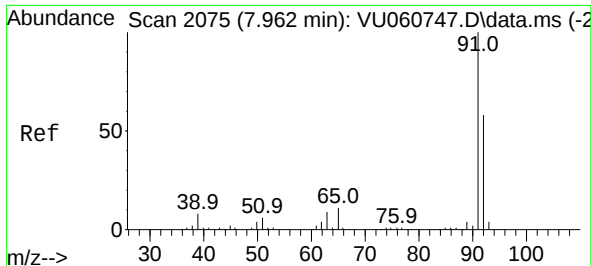
Tgt Ion: 75 Resp: 53383
 Ion Ratio Lower Upper
 75 100
 77 31.3 22.1 41.1



#40
 4-Methyl-2-pentanone
 Concen: 55.968 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. -0.000 min
 Lab File: VU060771.D
 Acq: 13 Sep 2024 22:24

Tgt Ion: 43 Resp: 212957
 Ion Ratio Lower Upper
 43 100
 58 41.1 32.5 48.7
 100 16.2 12.5 18.7





#42

Toluene

Concen: 5.557 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU060771.D

Acq: 13 Sep 2024 22:24

Instrument :

MSVOA_U

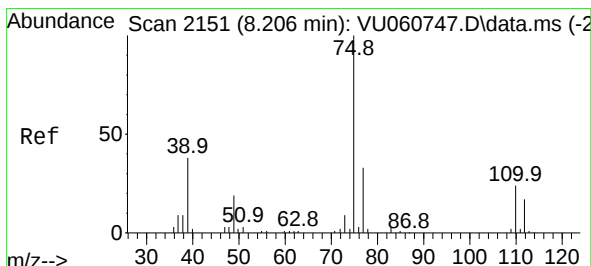
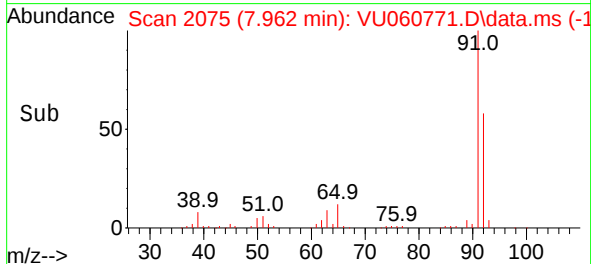
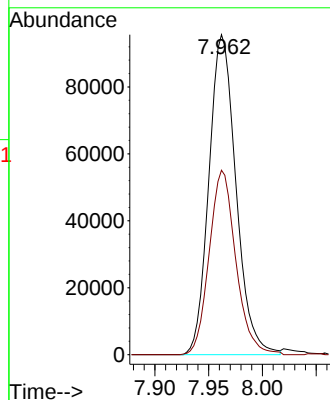
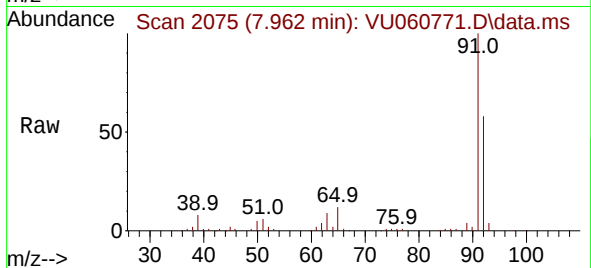
ClientSampleId :

Tgt Ion: 91 Resp: 167434

Ion Ratio Lower Upper

91 100

92 57.6 38.0 70.6



#44

trans-1,3-Dichloropropene

Concen: 5.277 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.003 min

Lab File: VU060771.D

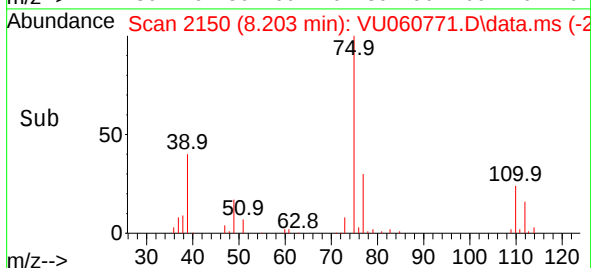
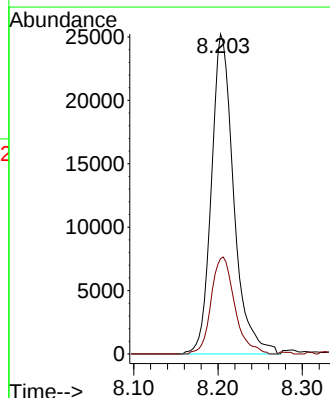
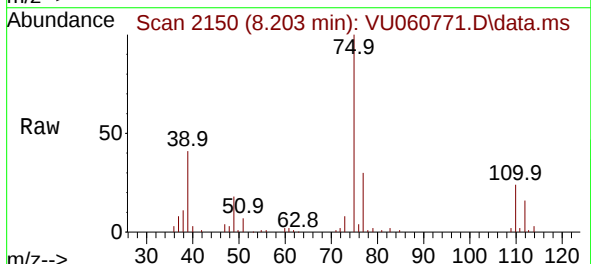
Acq: 13 Sep 2024 22:24

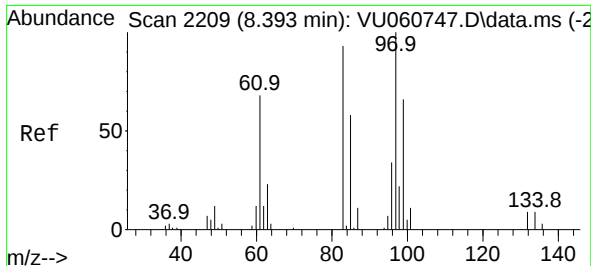
Tgt Ion: 75 Resp: 46405

Ion Ratio Lower Upper

75 100

77 29.8 23.4 43.6





#45

1,1,2-Trichloroethane

Concen: 5.807 ug/L

RT: 8.393 min Scan# 2209

Delta R.T. -0.000 min

Lab File: VU060771.D

Acq: 13 Sep 2024 22:24

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 30735

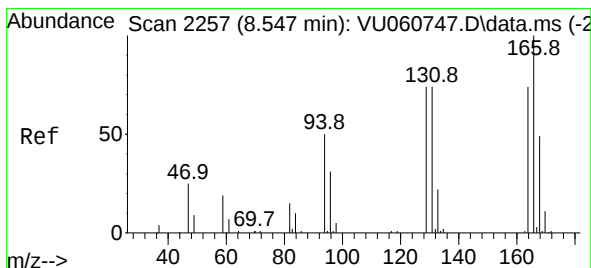
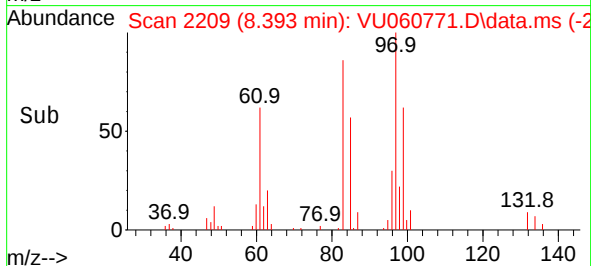
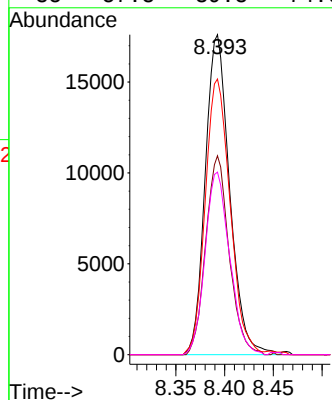
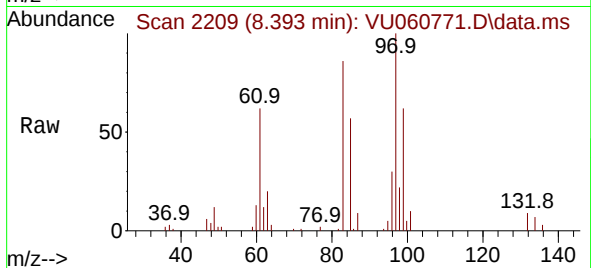
Ion Ratio Lower Upper

97 100

99 62.2 42.4 78.8

83 86.2 64.0 119.0

85 57.8 39.8 74.0



#47

Tetrachloroethene

Concen: 5.070 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

Lab File: VU060771.D

Acq: 13 Sep 2024 22:24

Tgt Ion:164 Resp: 32120

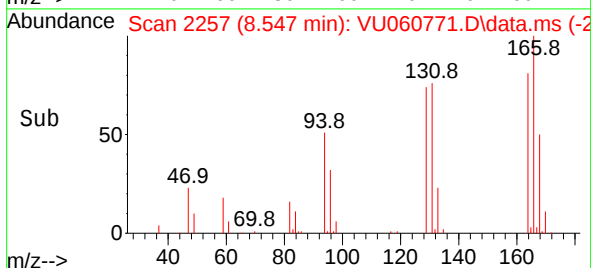
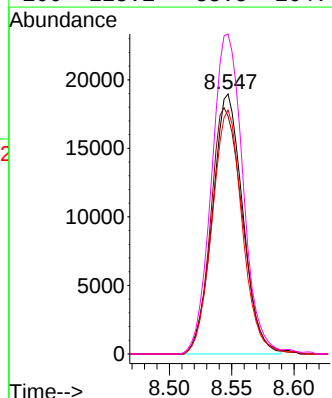
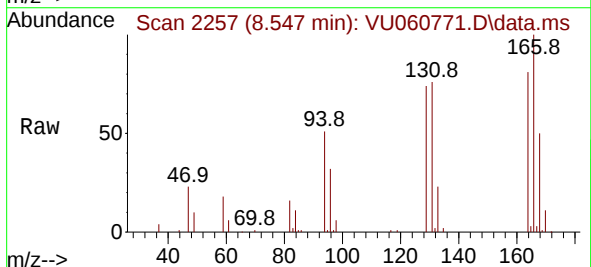
Ion Ratio Lower Upper

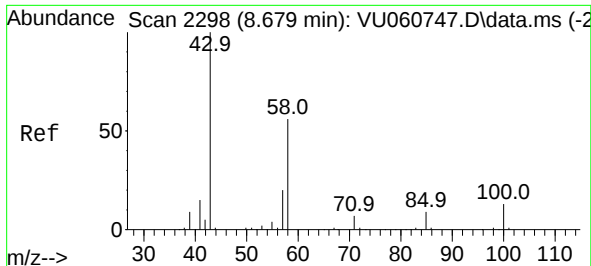
164 100

129 91.4 67.8 125.8

131 93.8 67.2 124.8

166 123.1 88.5 164.4





#48

2-Hexanone

Concen: 53.791 ug/L

RT: 8.679 min Scan# 2298

Delta R.T. -0.000 min

Lab File: VU060771.D

Acq: 13 Sep 2024 22:24

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 43 Resp: 153177

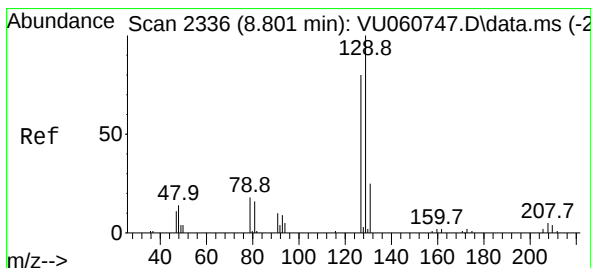
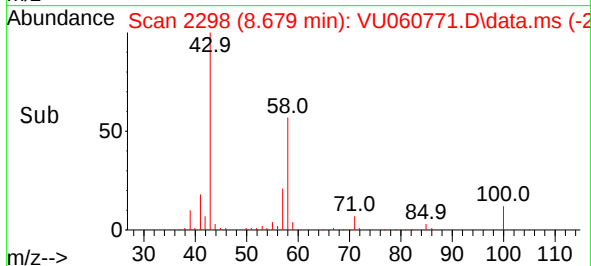
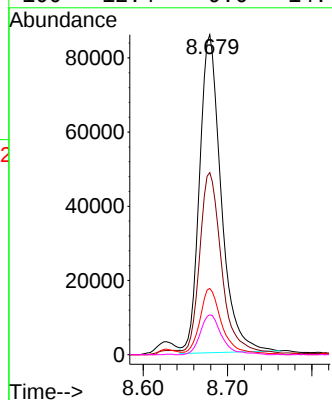
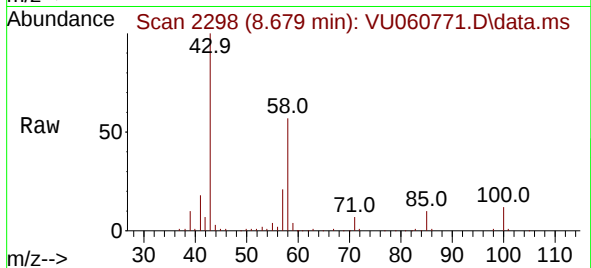
Ion Ratio Lower Upper

43 100

58 57.9 45.6 68.4

57 21.4 15.6 23.4

100 12.4 9.6 14.4



#49

Dibromochloromethane

Concen: 5.980 ug/L

RT: 8.801 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VU060771.D

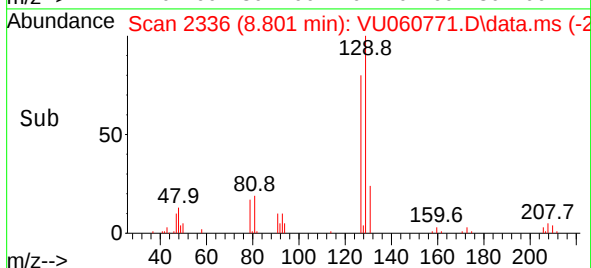
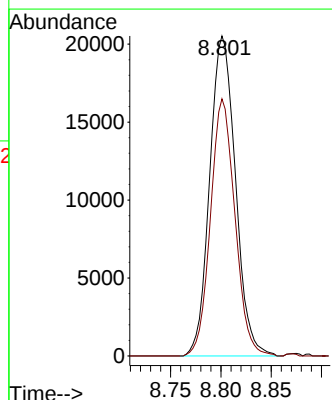
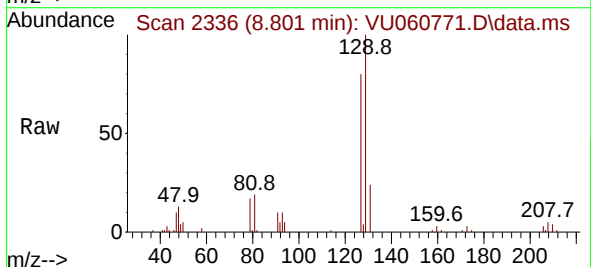
Acq: 13 Sep 2024 22:24

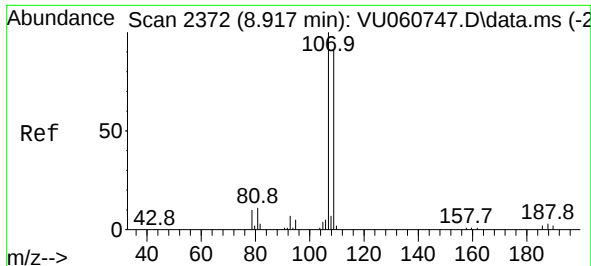
Tgt Ion: 129 Resp: 36642

Ion Ratio Lower Upper

129 100

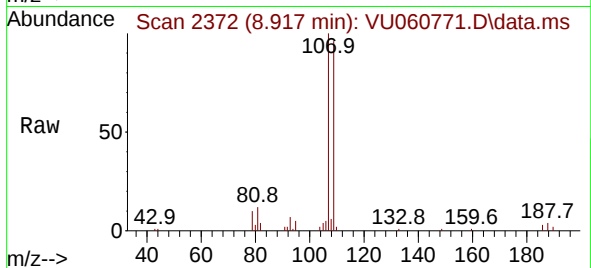
127 80.4 53.0 98.4



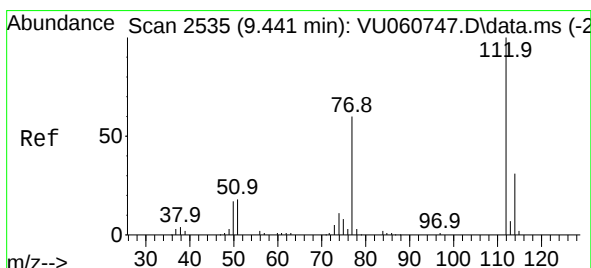
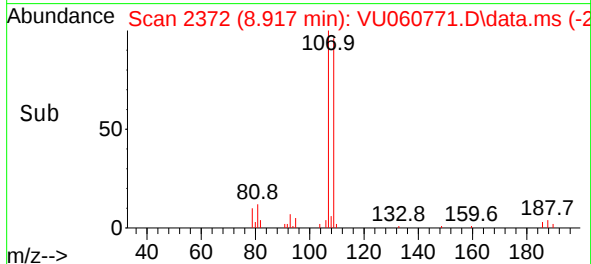
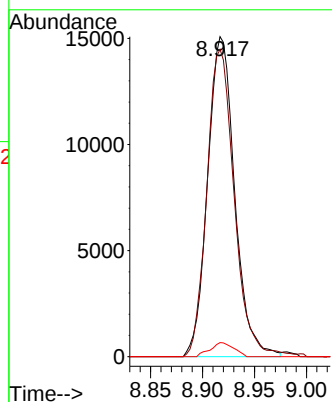


#50
1,2-Dibromoethane
Concen: 5.628 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. -0.000 min
Lab File: VU060771.D
Acq: 13 Sep 2024 22:24

Instrument :
MSVOA_U
ClientSampleId :

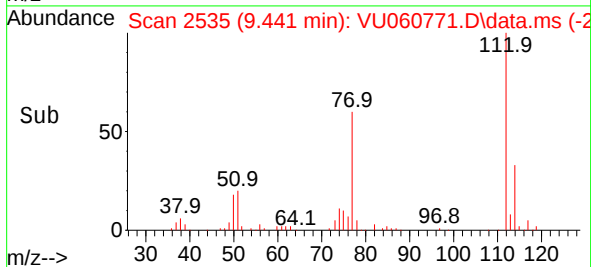
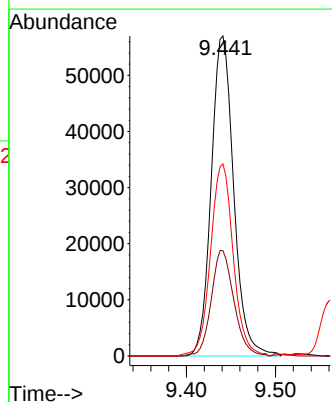
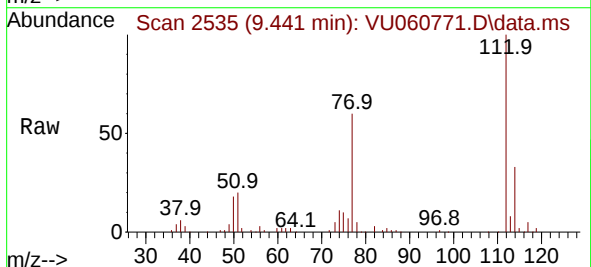


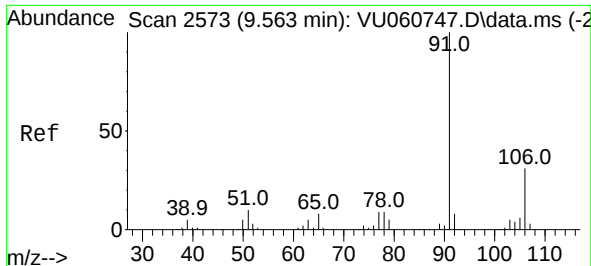
Tgt Ion:107 Resp: 27342
Ion Ratio Lower Upper
107 100
109 96.1 68.5 127.3
188 4.4 3.9 5.9



#51
Chlorobenzene
Concen: 5.131 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU060771.D
Acq: 13 Sep 2024 22:24

Tgt Ion:112 Resp: 100083
Ion Ratio Lower Upper
112 100
114 32.9 21.9 40.7
77 60.0 47.4 71.2

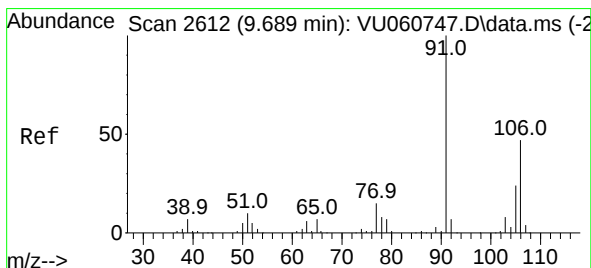
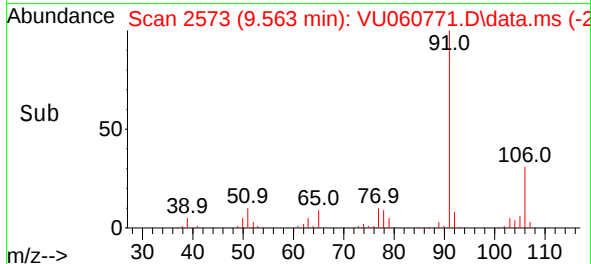
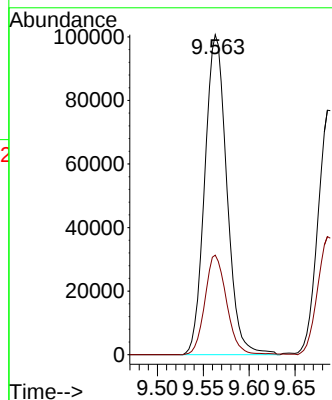
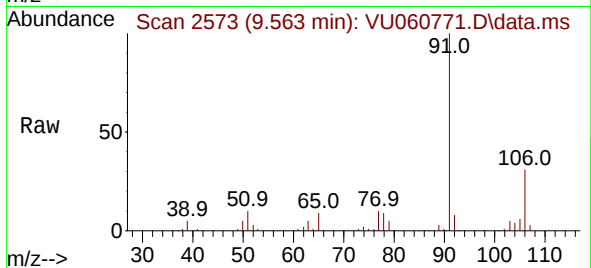




#52
Ethylbenzene
Concen: 5.275 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU060771.D
Acq: 13 Sep 2024 22:24

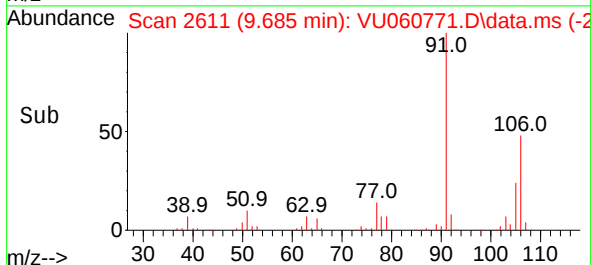
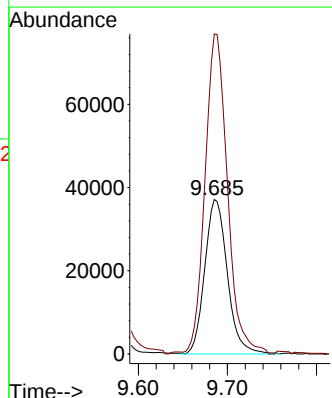
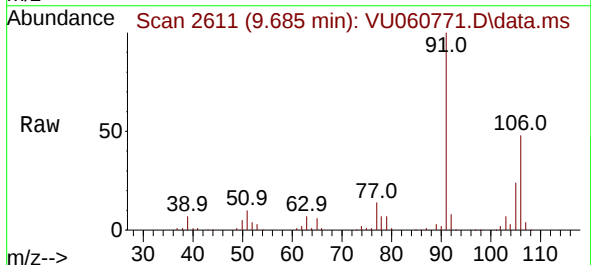
Instrument :
MSVOA_U
ClientSampleId :

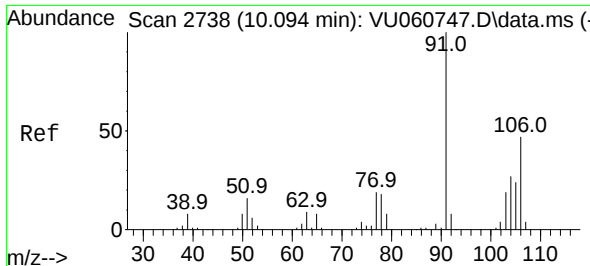
Tgt Ion: 91 Resp: 168432
Ion Ratio Lower Upper
91 100
106 31.1 21.9 40.7



#53
m,p-Xylene
Concen: 5.511 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.003 min
Lab File: VU060771.D
Acq: 13 Sep 2024 22:24

Tgt Ion:106 Resp: 65423
Ion Ratio Lower Upper
106 100
91 207.2 141.5 262.9

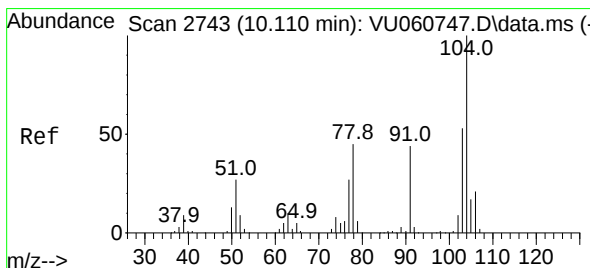
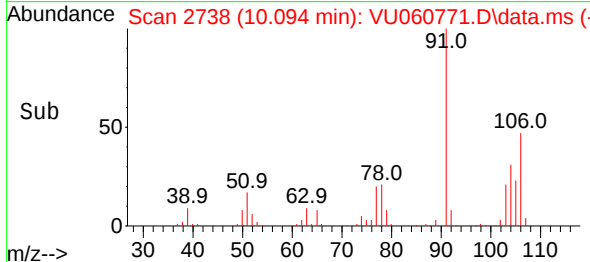
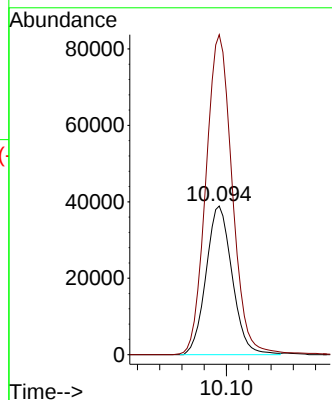
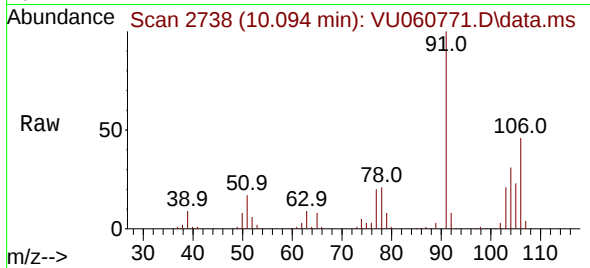




#54
o-Xylene
Concen: 5.220 ug/L
RT: 10.094 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU060771.D
Acq: 13 Sep 2024 22:24

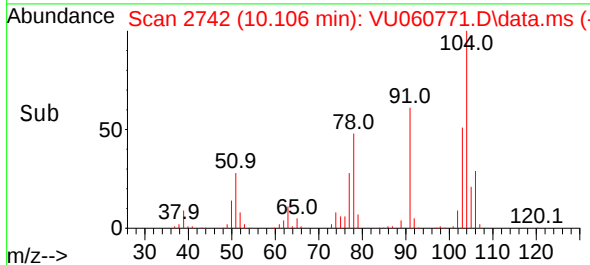
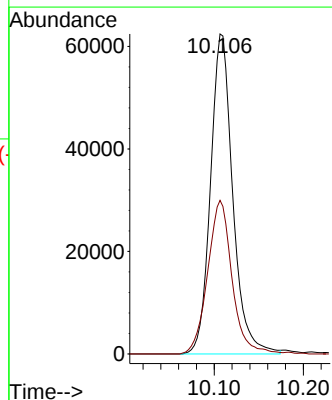
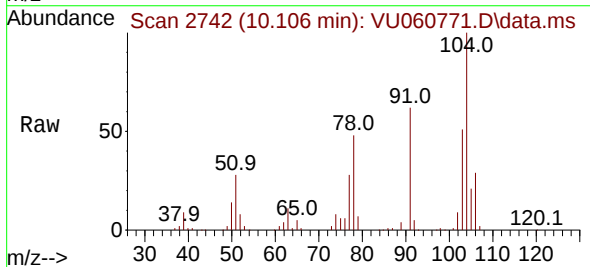
Instrument :
MSVOA_U
ClientSampleId :

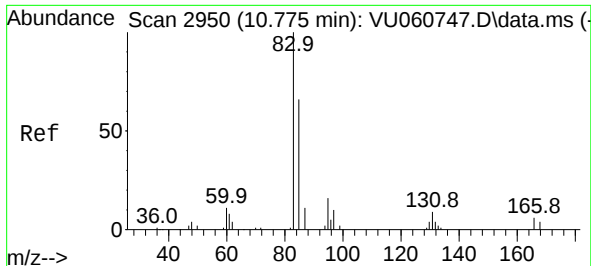
Tgt Ion:106 Resp: 63435
Ion Ratio Lower Upper
106 100
91 215.4 151.1 280.7



#55
Styrene
Concen: 5.441 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. -0.003 min
Lab File: VU060771.D
Acq: 13 Sep 2024 22:24

Tgt Ion:104 Resp: 108348
Ion Ratio Lower Upper
104 100
78 48.0 33.3 61.9





#57

1,1,2,2-Tetrachloroethane

Concen: 5.231 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. -0.003 min

Lab File: VU060771.D

Acq: 13 Sep 2024 22:24

Instrument :

MSVOA_U

ClientSampleId :

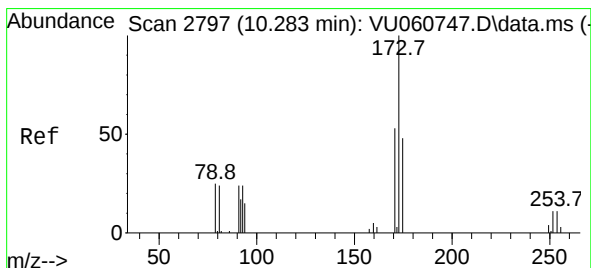
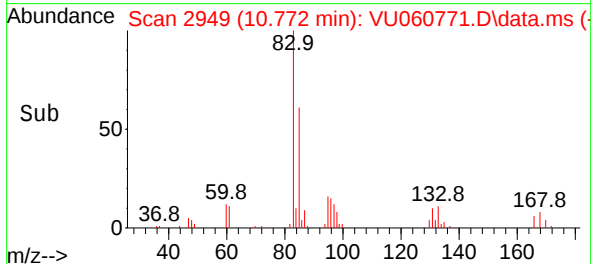
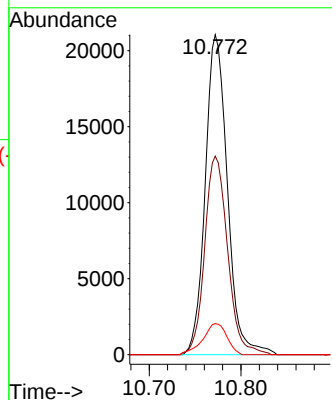
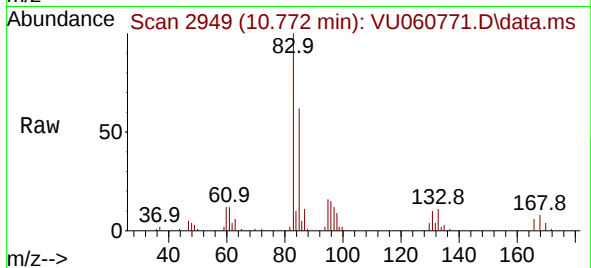
Tgt Ion: 83 Resp: 35351

Ion Ratio Lower Upper

83 100

85 62.1 43.3 80.5

131 9.7 8.9 13.3



#59

Bromoform

Concen: 6.077 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.000 min

Lab File: VU060771.D

Acq: 13 Sep 2024 22:24

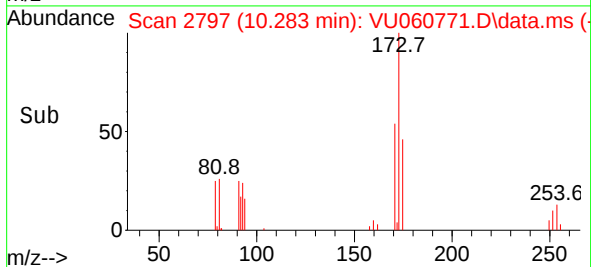
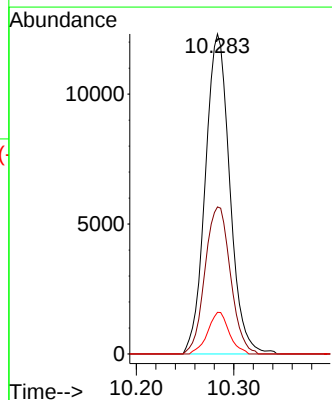
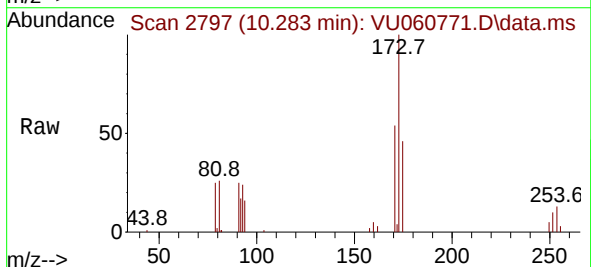
Tgt Ion:173 Resp: 21493

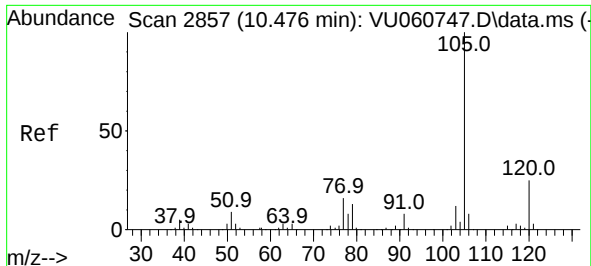
Ion Ratio Lower Upper

173 100

175 47.7 39.8 59.8

254 11.4 8.2 12.2

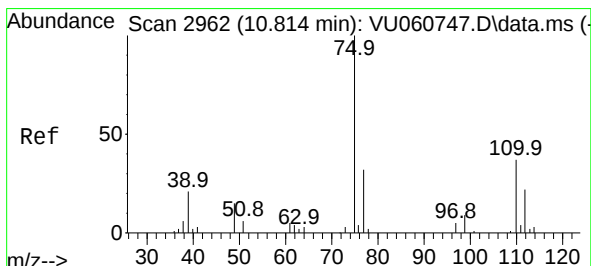
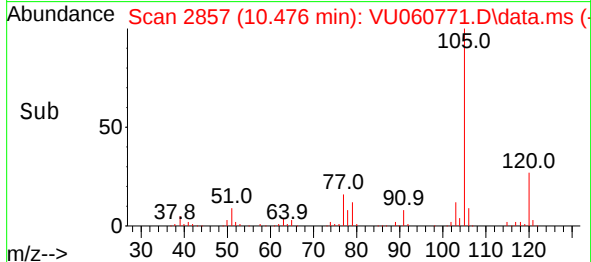
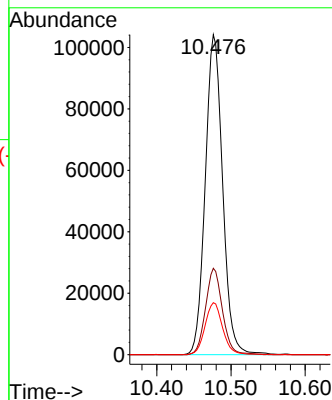
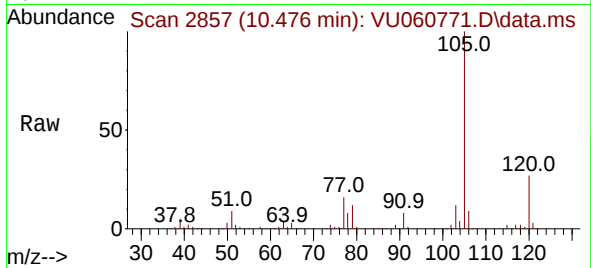




#60
Isopropylbenzene
Concen: 5.878 ug/L
RT: 10.476 min Scan# 2857
Delta R.T. -0.000 min
Lab File: VU060771.D
Acq: 13 Sep 2024 22:24

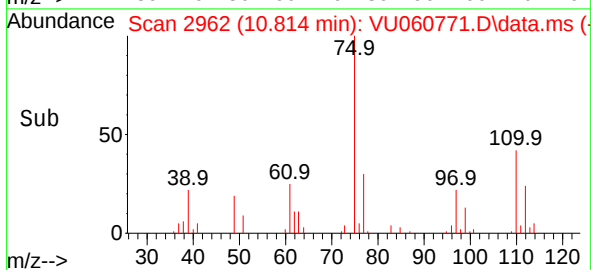
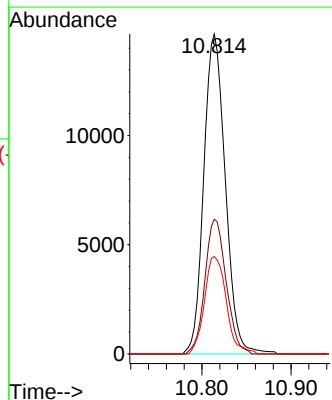
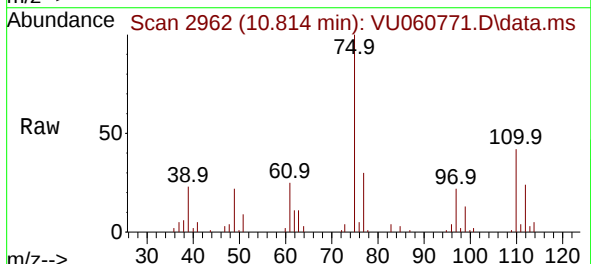
Instrument :
MSVOA_U
ClientSampleId :

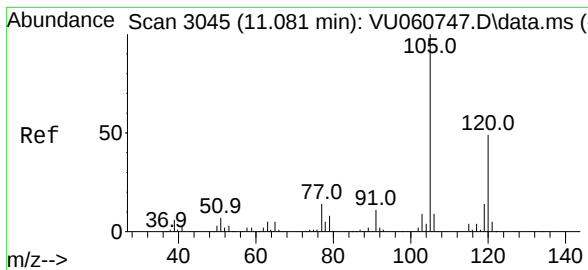
Tgt Ion:105 Resp: 169019
Ion Ratio Lower Upper
105 100
120 26.2 21.0 31.4
77 16.4 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 5.927 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. -0.000 min
Lab File: VU060771.D
Acq: 13 Sep 2024 22:24

Tgt Ion: 75 Resp: 24605
Ion Ratio Lower Upper
75 100
110 41.5 30.2 45.4
77 30.9 25.4 38.2





#62

1,3,5-Trimethylbenzene

Concen: 5.810 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. -0.000 min

Lab File: VU060771.D

Acq: 13 Sep 2024 22:24

Instrument :

MSVOA_U

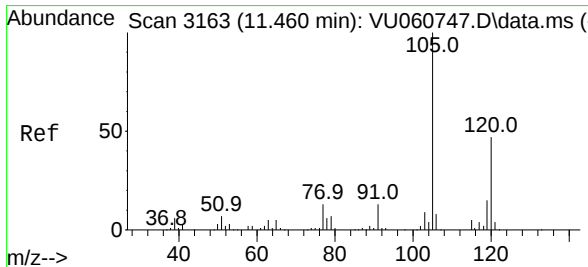
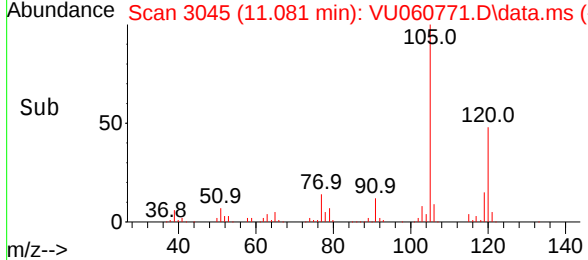
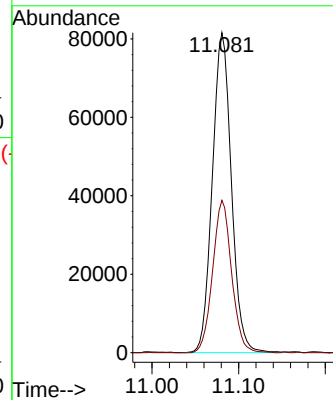
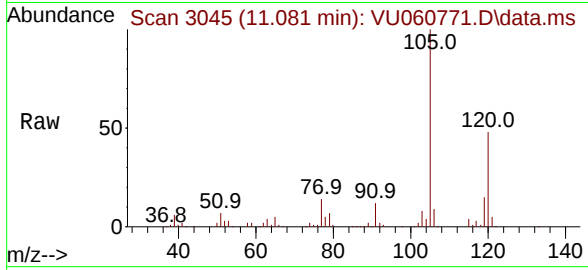
ClientSampleId :

Tgt Ion:105 Resp: 124509

Ion Ratio Lower Upper

105 100

120 47.5 37.4 56.0



#63

1,2,4-Trimethylbenzene

Concen: 5.506 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.000 min

Lab File: VU060771.D

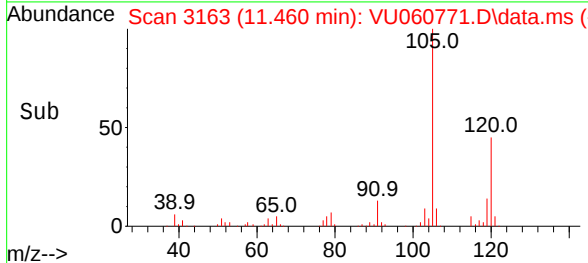
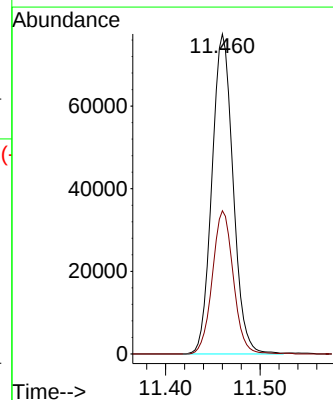
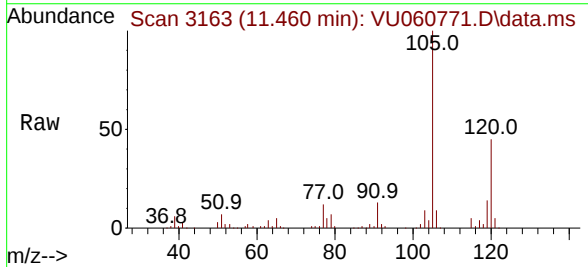
Acq: 13 Sep 2024 22:24

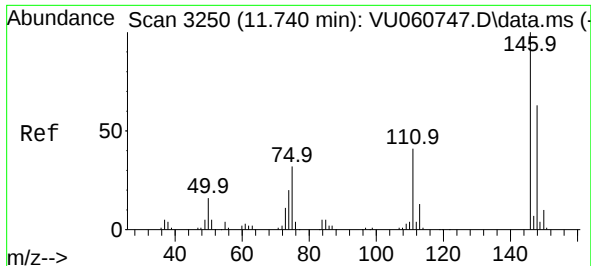
Tgt Ion:105 Resp: 120355

Ion Ratio Lower Upper

105 100

120 44.3 35.7 53.5





#64

1,3-Dichlorobenzene

Concen: 5.229 ug/L

RT: 11.737 min Scan# 3250

Delta R.T. -0.003 min

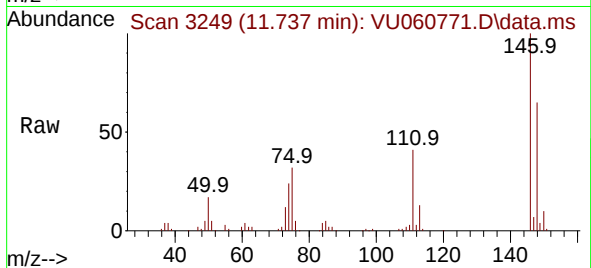
Lab File: VU060771.D

Acq: 13 Sep 2024 22:24

Instrument :

MSVOA_U

ClientSampleId :



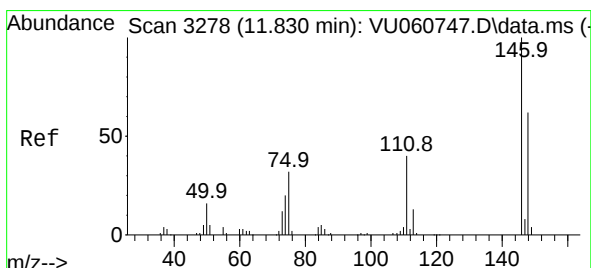
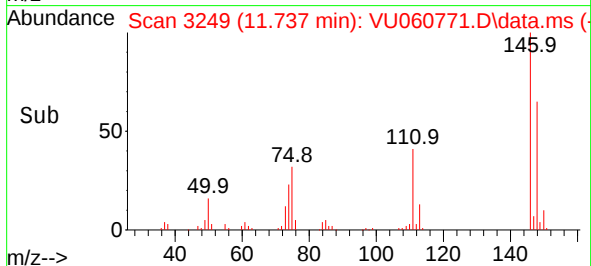
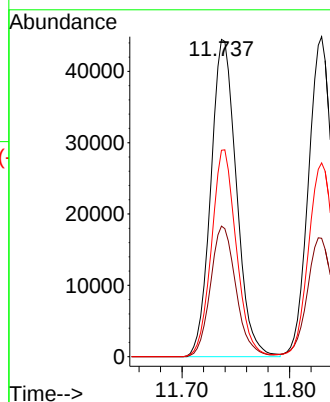
Tgt Ion:146 Resp: 73570

Ion Ratio Lower Upper

146 100

111 41.2 27.9 51.9

148 65.0 43.5 80.7



#65

1,4-Dichlorobenzene

Concen: 5.085 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. -0.000 min

Lab File: VU060771.D

Acq: 13 Sep 2024 22:24

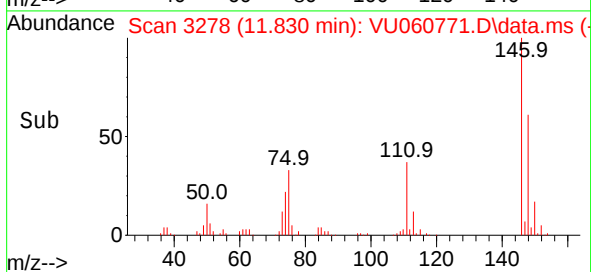
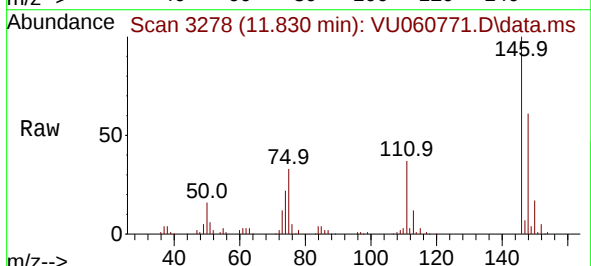
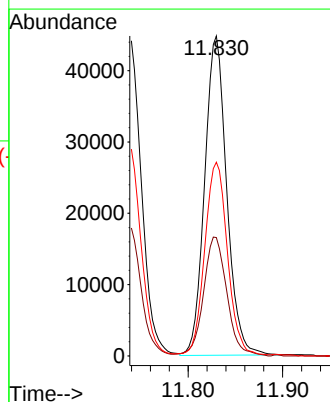
Tgt Ion:146 Resp: 72601

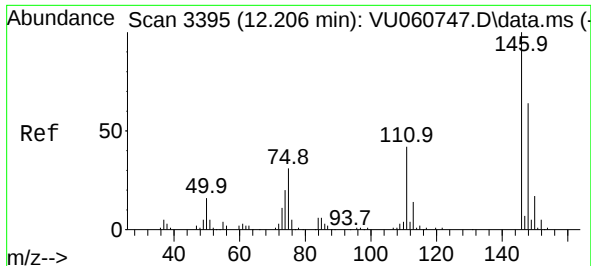
Ion Ratio Lower Upper

146 100

111 37.0 27.2 50.4

148 60.6 43.6 81.0





#67

1,2-Dichlorobenzene

Concen: 4.848 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. -0.003 min

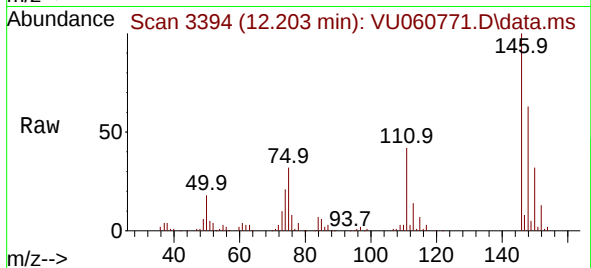
Lab File: VU060771.D

Acq: 13 Sep 2024 22:24

Instrument :

MSVOA_U

ClientSampleId :



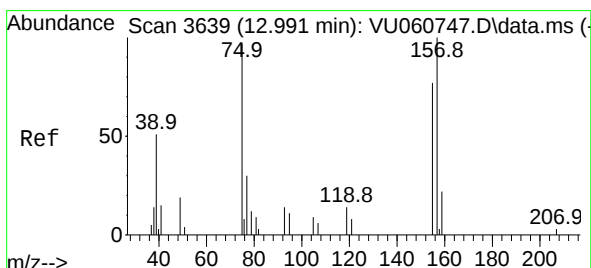
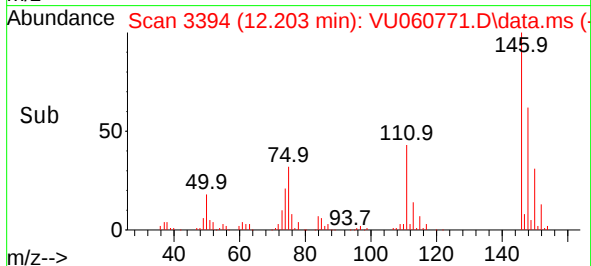
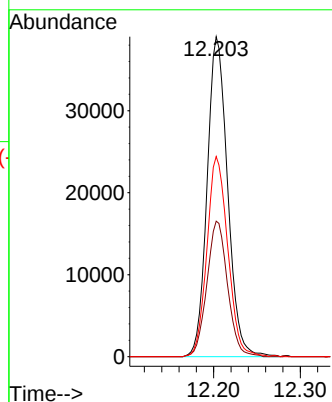
Tgt Ion:146 Resp: 64006

Ion Ratio Lower Upper

146 100

111 42.4 34.6 52.0

148 62.5 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 4.086 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.003 min

Lab File: VU060771.D

Acq: 13 Sep 2024 22:24

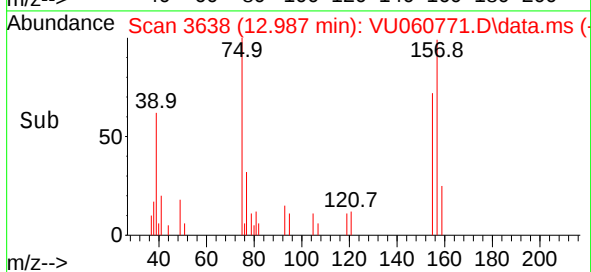
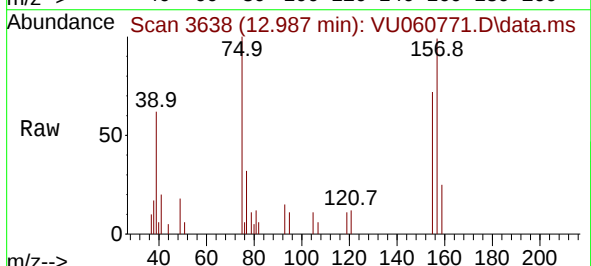
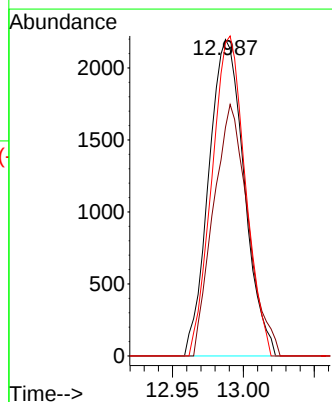
Tgt Ion: 75 Resp: 3829

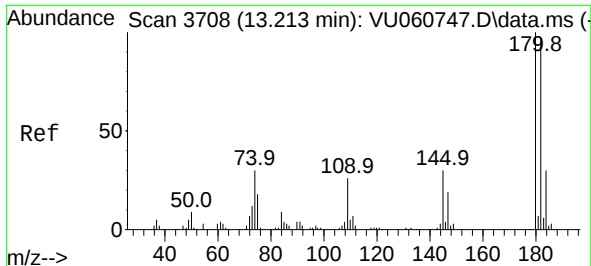
Ion Ratio Lower Upper

75 100

155 72.2 62.7 94.1

157 99.0 70.4 105.6





#69

1,3,5-Trichlorobenzene

Concen: 3.638 ug/L

RT: 13.209 min Scan# 3707

Delta R.T. -0.003 min

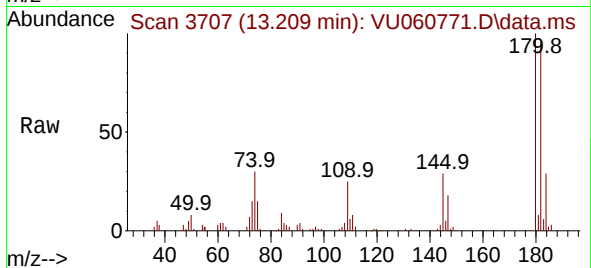
Lab File: VU060771.D

Acq: 13 Sep 2024 22:24

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 39476

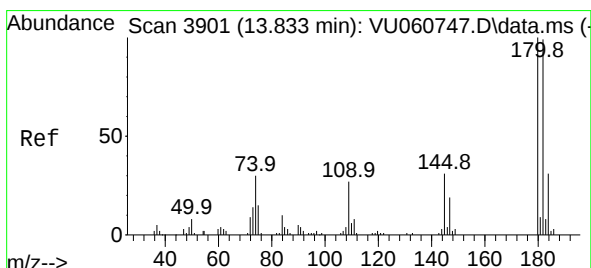
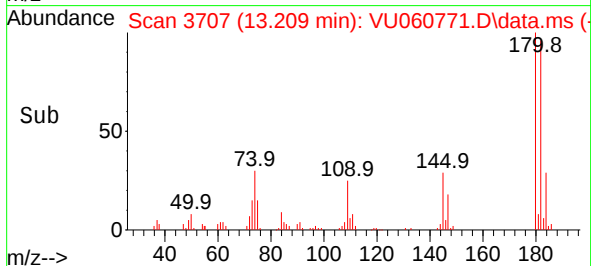
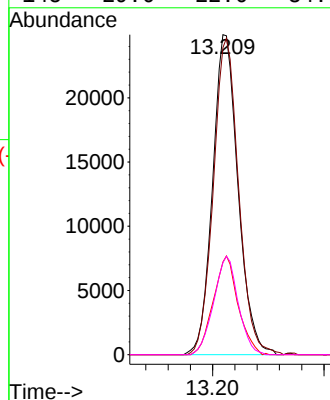
Ion Ratio Lower Upper

180 100

182 97.9 77.6 116.4

184 29.9 24.9 37.3

145 29.6 22.6 34.0



#70

1,2,4-trichlorobenzene

Concen: 3.433 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU060771.D

Acq: 13 Sep 2024 22:24

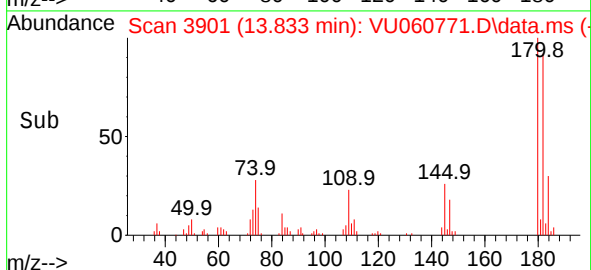
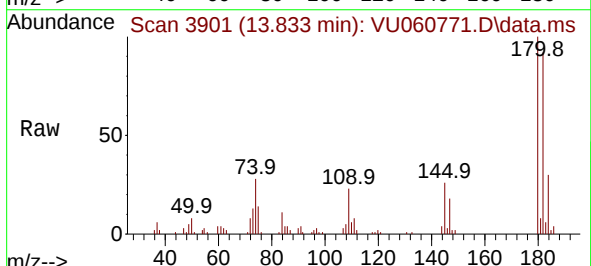
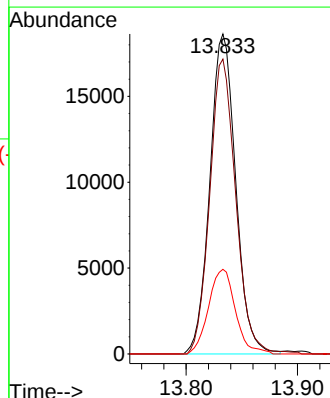
Tgt Ion:180 Resp: 30054

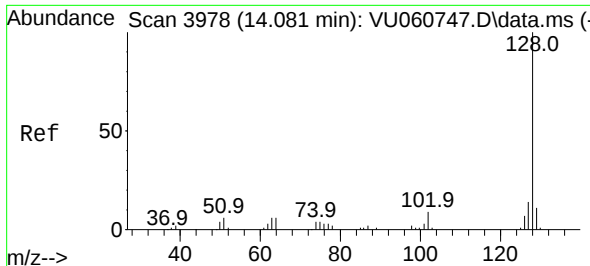
Ion Ratio Lower Upper

180 100

182 92.8 77.3 115.9

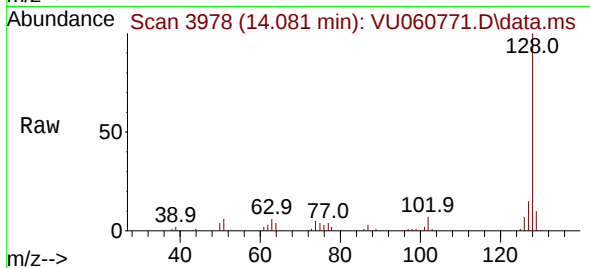
145 27.5 23.9 35.9



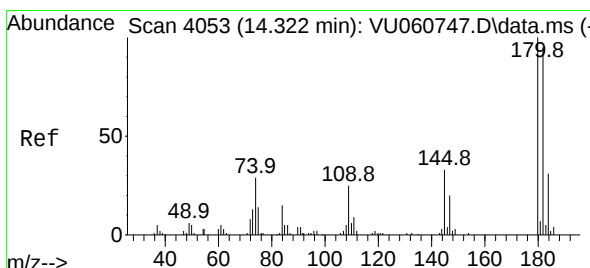
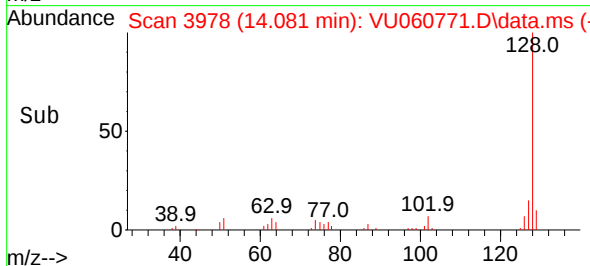
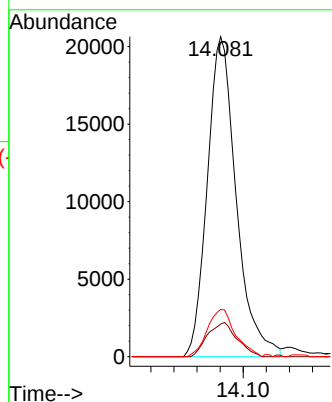


#71
Naphthalene
Concen: 3.211 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU060771.D
Acq: 13 Sep 2024 22:24

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 35906
Ion Ratio Lower Upper
128 100
129 10.9 8.5 12.7
127 14.2 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 3.635 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU060771.D
Acq: 13 Sep 2024 22:24

Tgt Ion:180 Resp: 26632
Ion Ratio Lower Upper
180 100
182 94.9 76.0 114.0
145 31.8 24.3 36.5

