

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072324\
 Data File : VU060144.D
 Acq On : 24 Jul 2024 04:25
 Operator : MD/SY
 Sample : P3300-18MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 24 06:00:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 24 05:34:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	162922	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	166856	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	87667	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	56583	4.992	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.800%
7) Chloroethane-d5	1.911	69	50263	4.773	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.400%
11) 1,1-Dichloroethene-d2	2.560	65	20741	4.686	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.800%
20) 2-Butanone-d5	4.627	46	126832	47.858	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.720%
24) Chloroform-d	5.055	84	107948	4.531	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
26) 1,2-Dichloroethane-d4	5.695	65	49534	4.465	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
32) Benzene-d6	5.721	84	216517	4.843	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
36) 1,2-Dichloropropane-d6	6.682	67	66074	4.638	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.800%
41) Toluene-d8	7.891	98	206008	5.100	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
43) trans-1,3-Dichloroprop...	8.174	79	21960	4.529	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.600%
46) 2-Hexanone-d5	8.627	63	105565	49.059	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.120%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	59590	4.700	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	77945	4.926	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	46769	3.796	ug/L	99
3) Chloromethane	1.518	50	58363	3.922	ug/L	99
5) Vinyl chloride	1.602	62	65748	3.941	ug/L	96
6) Bromomethane	1.853	94	42530	3.916	ug/L	100
8) Chloroethane	1.930	64	42540	3.904	ug/L	100
9) Trichlorofluoromethane	2.132	101	85102	4.045	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	55192	4.020	ug/L	99
12) 1,1-Dichloroethene	2.576	96	51070	4.107	ug/L	92
13) Acetone	2.644	43	95743	54.614	ug/L	100
14) Carbon disulfide	2.788	76	136409	3.767	ug/L	100
15) Methyl Acetate	2.853	43	1118816	259.481	ug/L #	46
16) Methylene chloride	3.039	84	60883	3.993	ug/L	98
17) Methyl tert-butyl Ether	3.357	73	134300	4.736	ug/L	100
18) trans-1,2-Dichloroethene	3.345	96	53278	4.119	ug/L	99
19) 1,1-Dichloroethane	3.859	63	100986	4.111	ug/L	98
21) 2-Butanone	4.708	43	129099	46.519	ug/L	95
22) cis-1,2-Dichloroethene	4.656	96	64465	4.449	ug/L	97
23) Bromochloromethane	4.968	128	30369	4.313	ug/L	96
25) Chloroform	5.078	83	115810	4.288	ug/L	99

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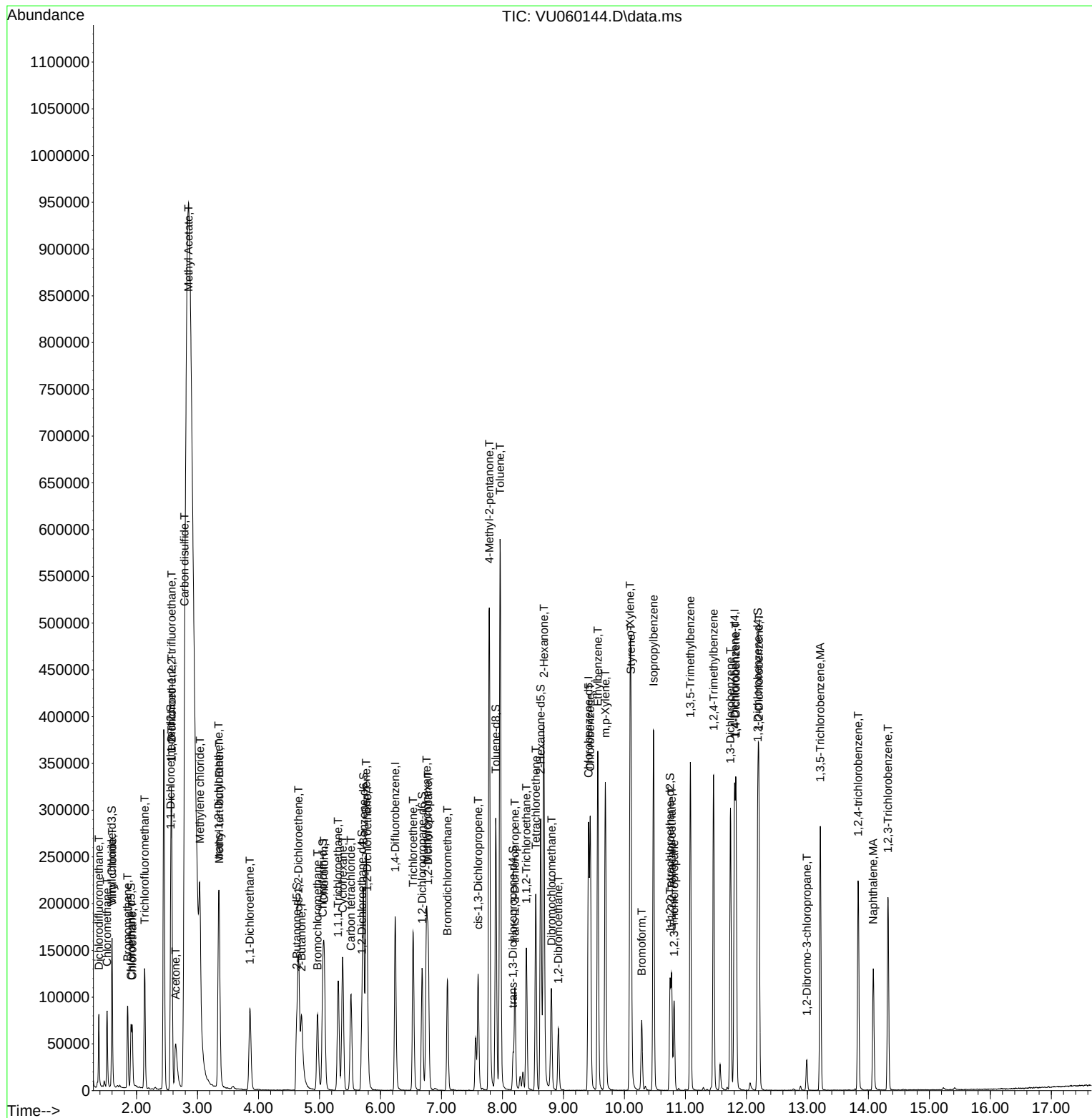
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	63908	4.139	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	85846	4.119	ug/L	98
30) Cyclohexane	5.380	56	67360	4.087	ug/L	100
31) Carbon tetrachloride	5.515	117	72630	4.039	ug/L	98
33) Benzene	5.766	78	238275	4.323	ug/L	100
34) Trichloroethene	6.534	95	61712	4.221	ug/L	98
35) Methylcyclohexane	6.756	83	74287	3.877	ug/L	99
37) 1,2-Dichloropropane	6.782	63	61405	4.124	ug/L	99
38) Bromodichloromethane	7.097	83	77847	4.173	ug/L	95
39) cis-1,3-Dichloropropene	7.602	75	80484	4.136	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	308793	46.862	ug/L	96
42) Toluene	7.962	91	455196	7.760	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	65777	4.046	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	50757	4.461	ug/L	95
47) Tetrachloroethene	8.547	164	49246	4.074	ug/L	96
48) 2-Hexanone	8.679	43	227927	47.242	ug/L	98
49) Dibromochloromethane	8.804	129	54796	4.353	ug/L	100
50) 1,2-Dibromoethane	8.917	107	47120	4.580	ug/L	98
51) Chlorobenzene	9.441	112	165931	4.330	ug/L	98
52) Ethylbenzene	9.563	91	254493	4.350	ug/L	98
53) m,p-Xylene	9.688	106	101875	4.508	ug/L	98
54) o-Xylene	10.093	106	98433	4.554	ug/L	98
55) Styrene	10.110	104	156496	4.254	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	62600	4.497	ug/L	93
59) Bromoform	10.283	173	34928	4.384	ug/L	96
60) Isopropylbenzene	10.479	105	253696	4.424	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	41150	4.452	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	192877	4.402	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	190582	4.502	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	136347	4.419	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	133735	4.258	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	128604	4.355	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.990	75	8308	4.612	ug/L	93
69) 1,3,5-Trichlorobenzene	13.212	180	95258	4.091	ug/L	97
70) 1,2,4-trichlorobenzene	13.833	180	76571	4.320	ug/L	98
71) Naphthalene	14.080	128	111885	4.456	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	71383	4.479	ug/L	98

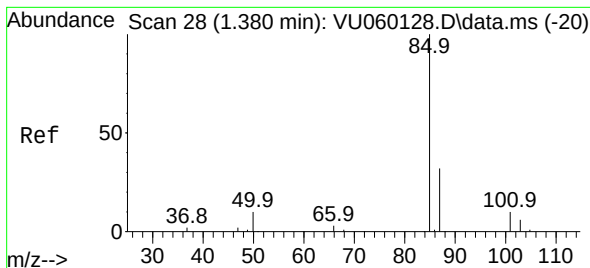
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 3.796 ug/L

RT: 1.383 min Scan# 20

Delta R.T. 0.003 min

Lab File: VU060144.D

Acq: 24 Jul 2024 04:25

Instrument :

MSVOA_U

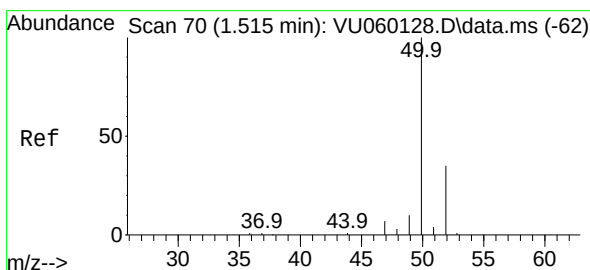
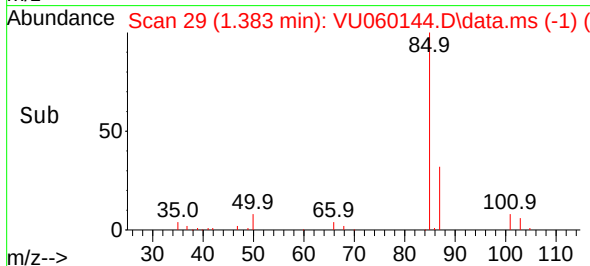
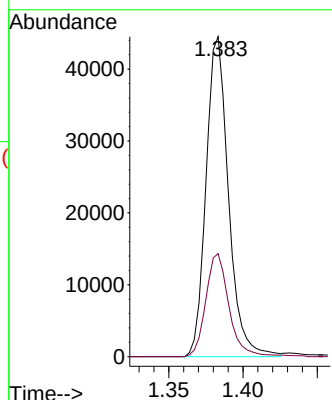
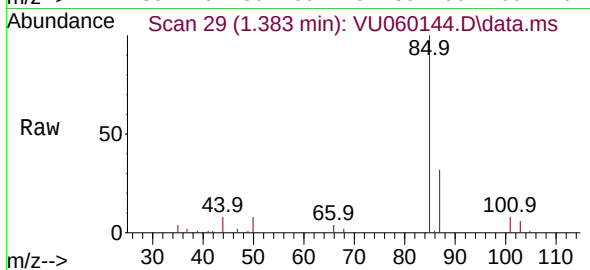
ClientSampleId :

Tgt Ion: 85 Resp: 46769

Ion Ratio Lower Upper

85 100

87 33.4 26.1 39.1



#3

Chloromethane

Concen: 3.922 ug/L

RT: 1.518 min Scan# 71

Delta R.T. 0.003 min

Lab File: VU060144.D

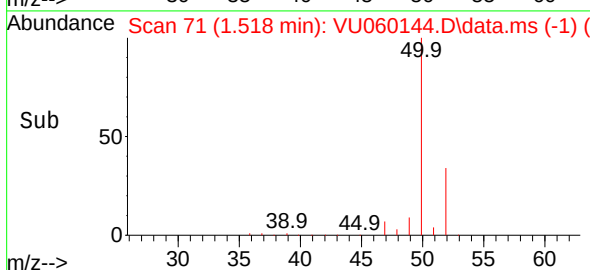
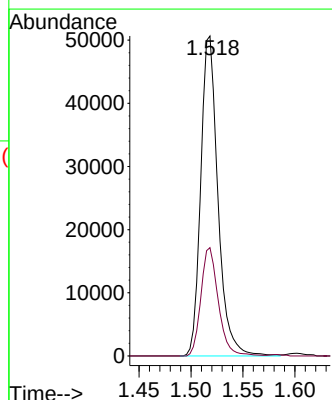
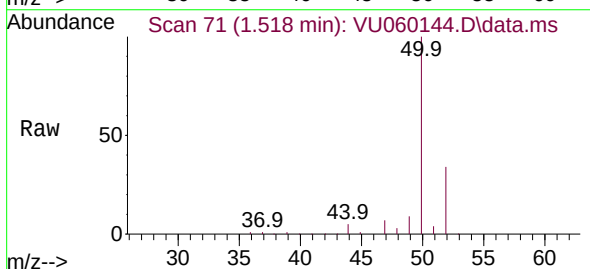
Acq: 24 Jul 2024 04:25

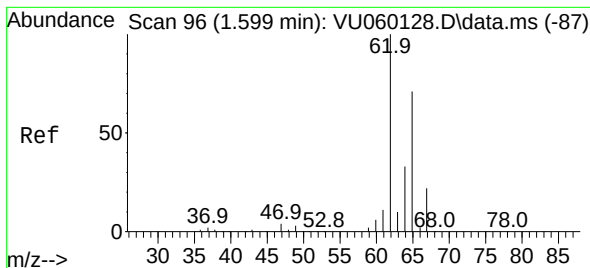
Tgt Ion: 50 Resp: 58363

Ion Ratio Lower Upper

50 100

52 33.9 23.4 43.4





#5

Vinyl chloride

Concen: 3.941 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.003 min

Lab File: VU060144.D

Acq: 24 Jul 2024 04:25

Instrument :

MSVOA_U

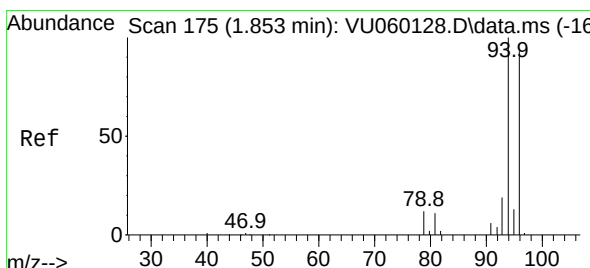
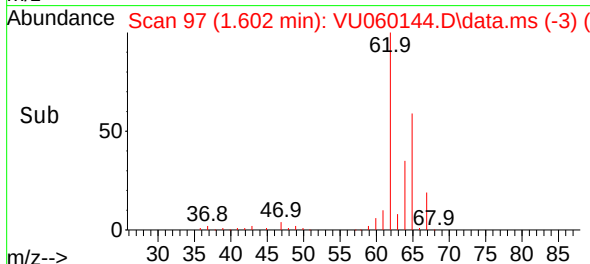
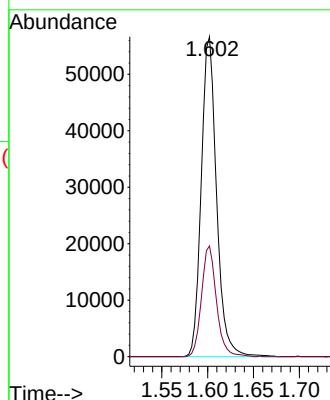
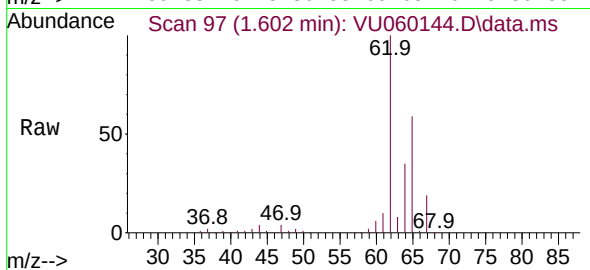
ClientSampleId :

Tgt Ion: 62 Resp: 65748

Ion Ratio Lower Upper

62 100

64 34.6 22.8 42.4



#6

Bromomethane

Concen: 3.916 ug/L

RT: 1.853 min Scan# 175

Delta R.T. -0.000 min

Lab File: VU060144.D

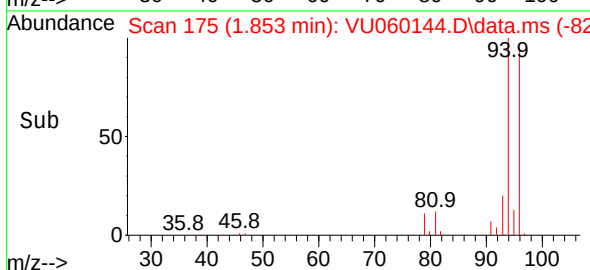
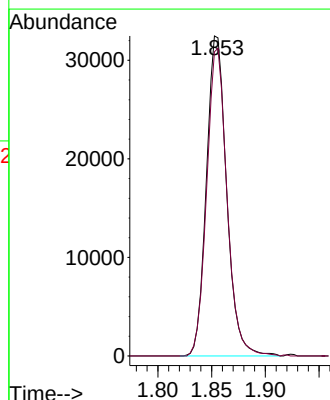
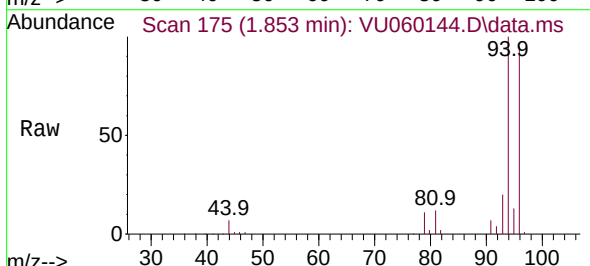
Acq: 24 Jul 2024 04:25

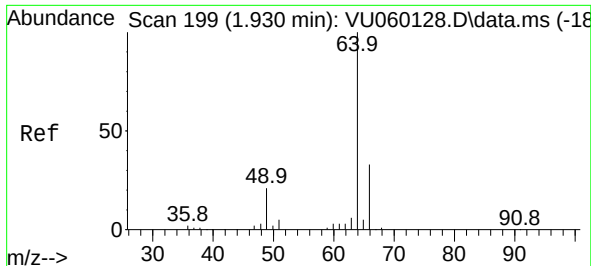
Tgt Ion: 94 Resp: 42530

Ion Ratio Lower Upper

94 100

96 95.1 66.6 123.6

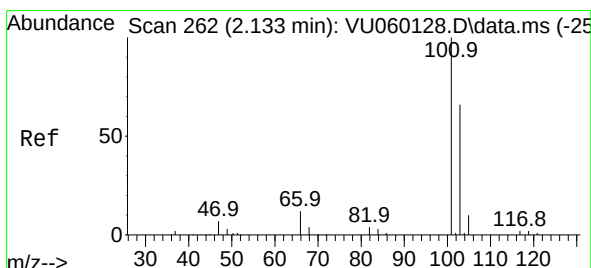
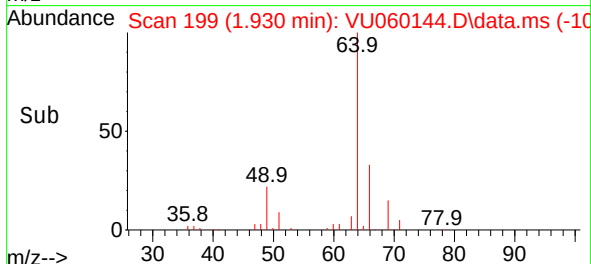
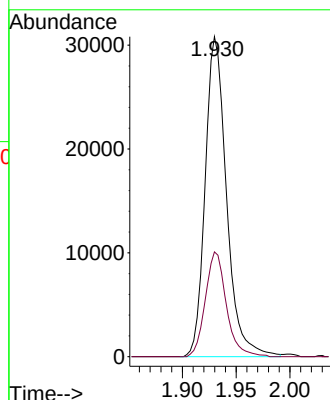
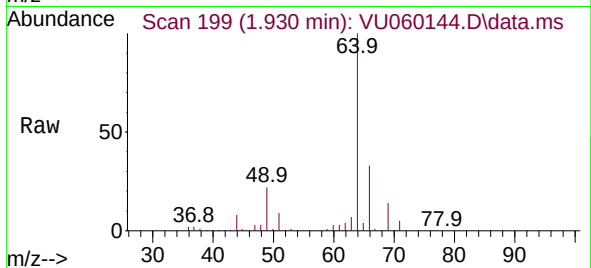




#8
Chloroethane
Concen: 3.904 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU060144.D
Acq: 24 Jul 2024 04:25

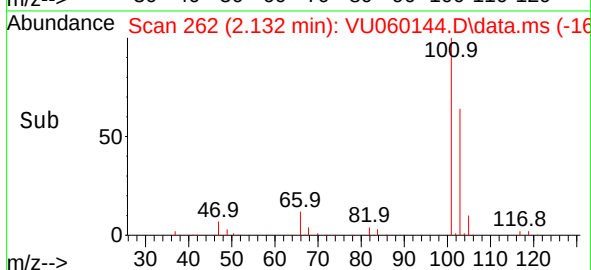
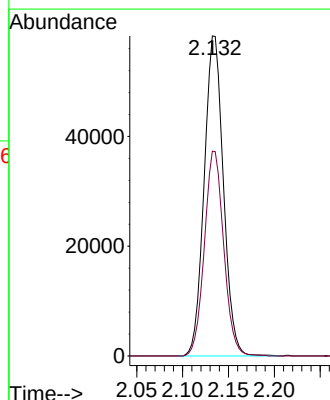
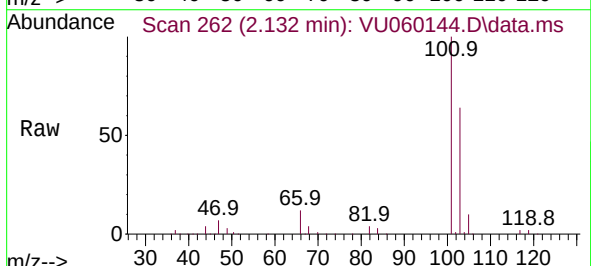
Instrument :
MSVOA_U
ClientSampleId :

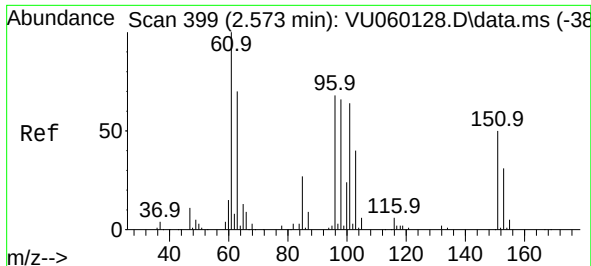
Tgt Ion: 64 Resp: 42540
Ion Ratio Lower Upper
64 100
66 32.7 22.8 42.4



#9
Trichlorofluoromethane
Concen: 4.045 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU060144.D
Acq: 24 Jul 2024 04:25

Tgt Ion:101 Resp: 85102
Ion Ratio Lower Upper
101 100
103 64.3 51.4 77.2

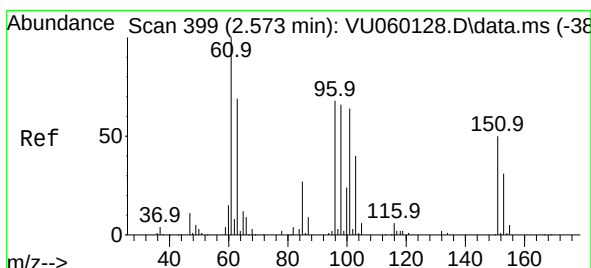
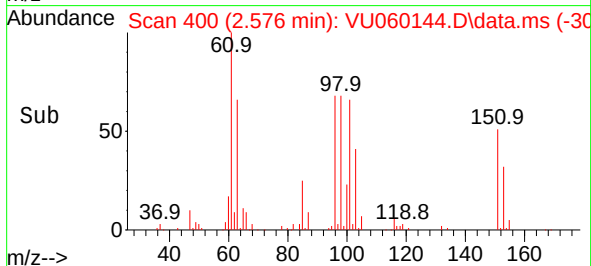
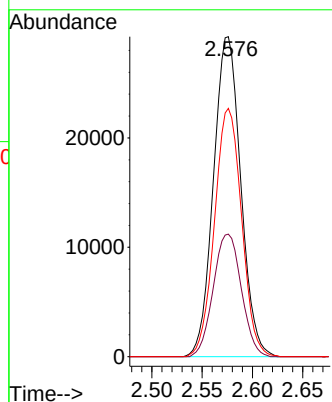
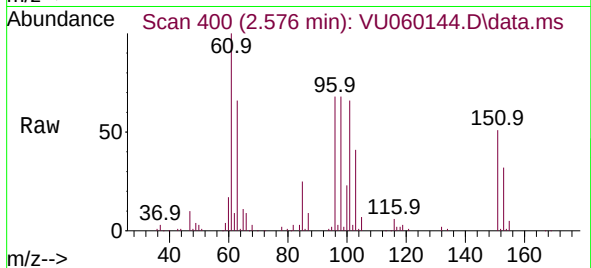




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.020 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU060144.D
Acq: 24 Jul 2024 04:25

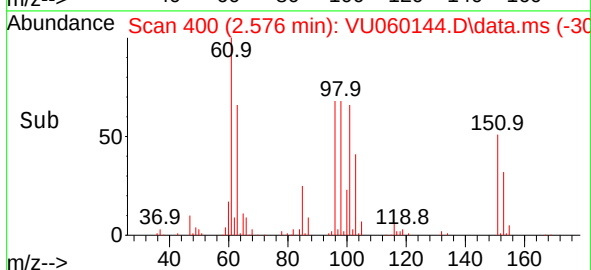
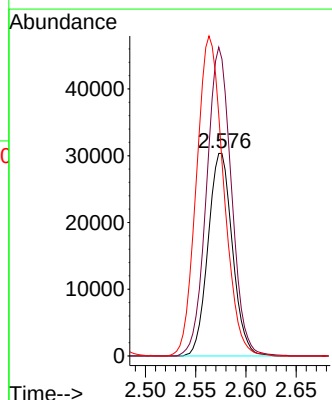
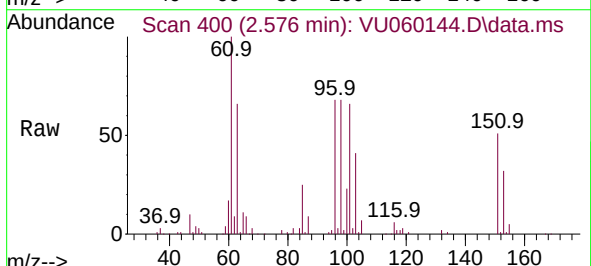
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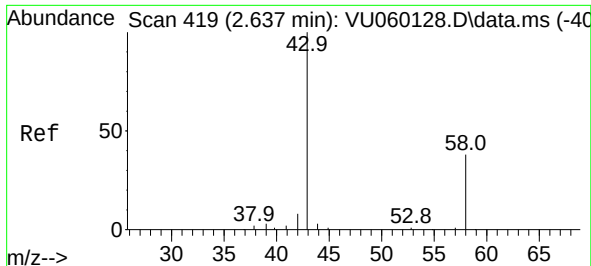
Tgt Ion:101 Resp: 55192
Ion Ratio Lower Upper
101 100
85 39.4 33.2 49.8
151 77.1 61.8 92.8



#12
1,1-Dichloroethene
Concen: 4.107 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU060144.D
Acq: 24 Jul 2024 04:25

Tgt Ion: 96 Resp: 51070
Ion Ratio Lower Upper
96 100
61 146.5 107.0 198.6
63 95.9 76.4 142.0





#13

Acetone

Concen: 54.614 ug/L

RT: 2.644 min Scan# 41

Delta R.T. 0.006 min

Lab File: VU060144.D

Acq: 24 Jul 2024 04:25

Instrument :

MSVOA_U

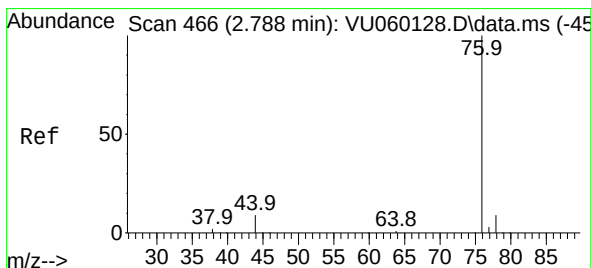
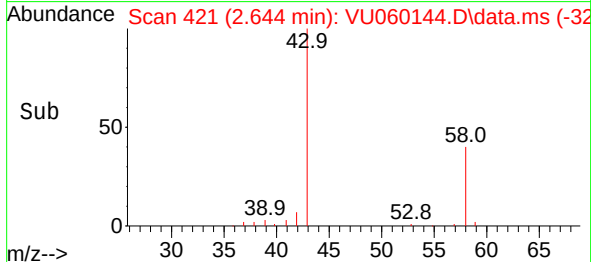
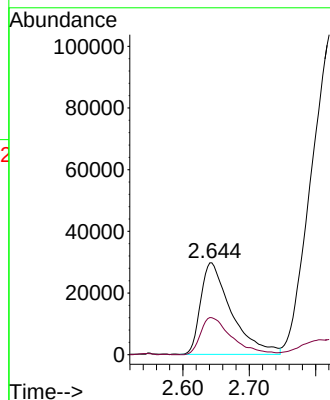
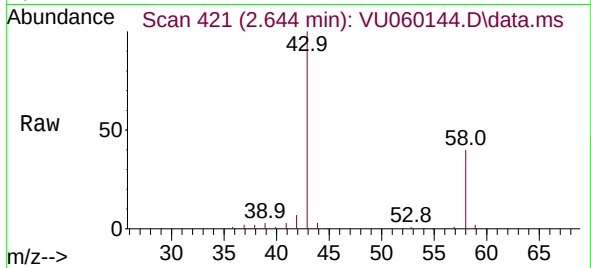
ClientSampleId :

Tgt Ion: 43 Resp: 95743

Ion Ratio Lower Upper

43 100

58 41.3 0.0 82.2



#14

Carbon disulfide

Concen: 3.767 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU060144.D

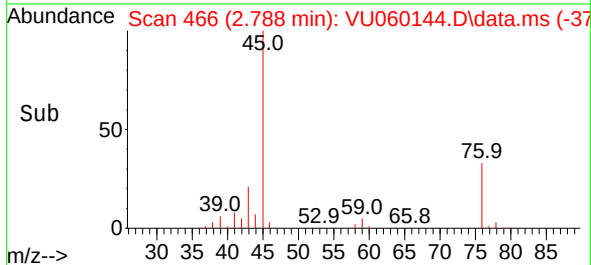
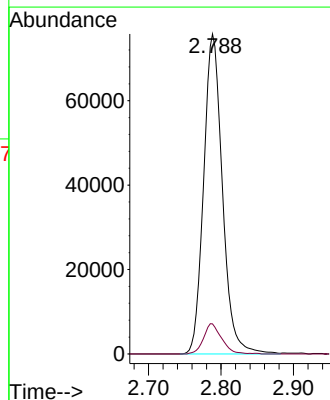
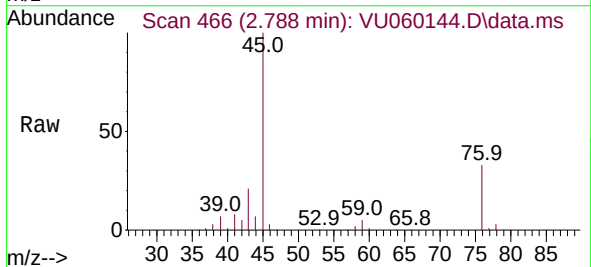
Acq: 24 Jul 2024 04:25

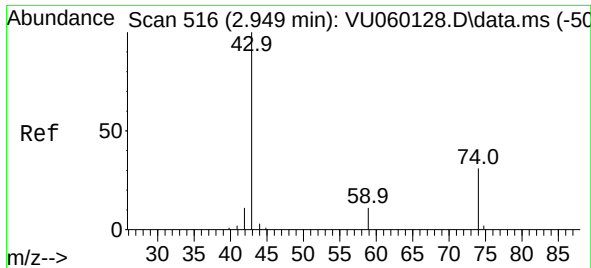
Tgt Ion: 76 Resp: 136409

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.0

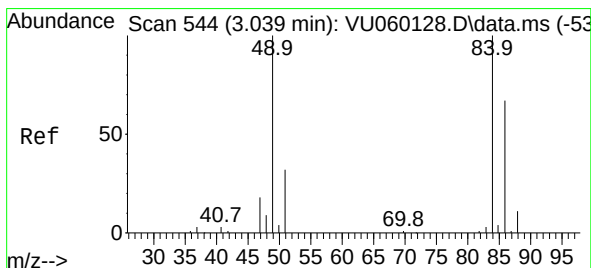
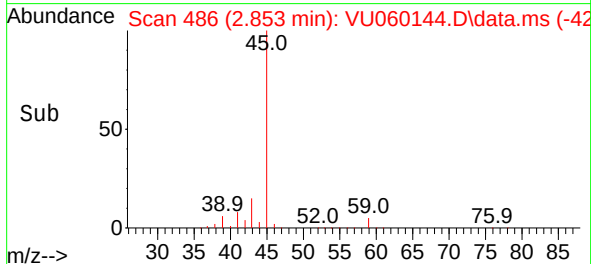
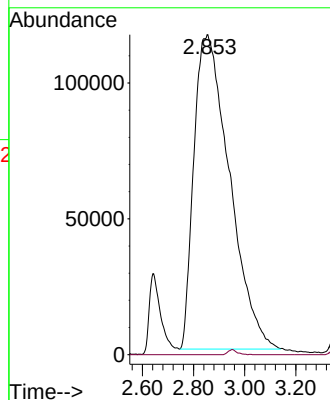
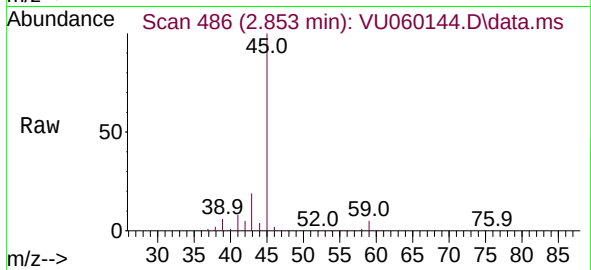




#15
Methyl Acetate
Concen: 259.481 ug/L
RT: 2.853 min Scan# 41
Delta R.T. -0.097 min
Lab File: VU060144.D
Acq: 24 Jul 2024 04:25

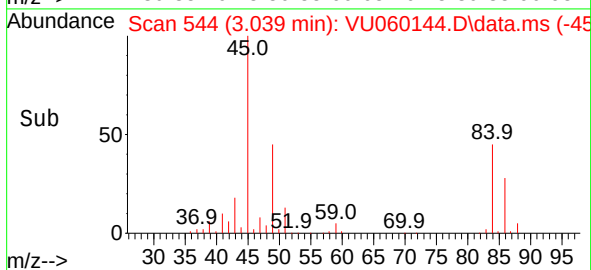
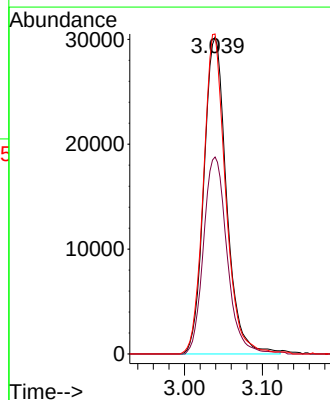
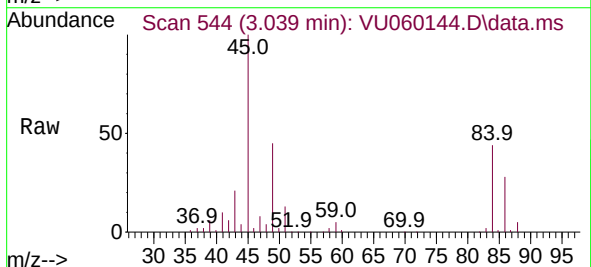
Instrument :
MSVOA_U
ClientSampleId :

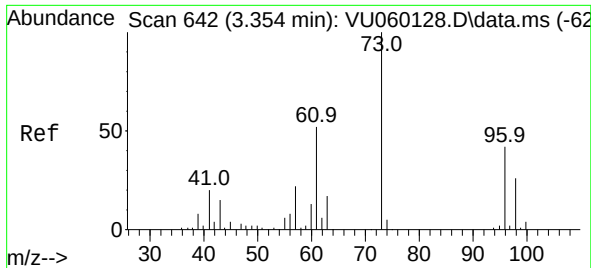
Tgt Ion: 43 Resp: 1118816
Ion Ratio Lower Upper
43 100
74 0.4 23.5 35.3#



#16
Methylene chloride
Concen: 3.993 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU060144.D
Acq: 24 Jul 2024 04:25

Tgt Ion: 84 Resp: 60883
Ion Ratio Lower Upper
84 100
86 62.2 44.4 82.5
49 101.1 72.0 133.6

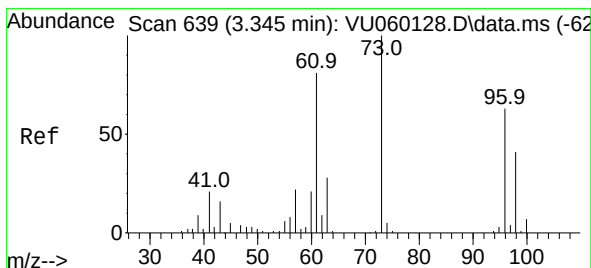
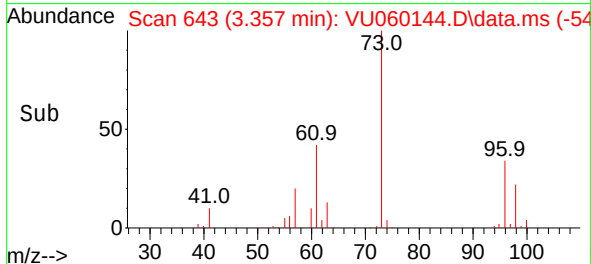
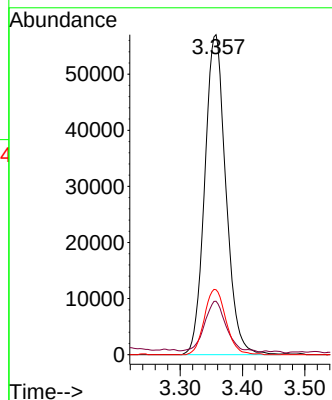
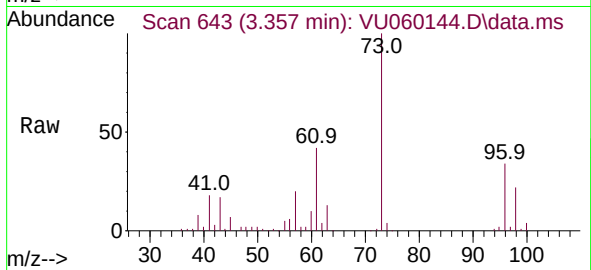




#17
Methyl tert-butyl Ether
Concen: 4.736 ug/L
RT: 3.357 min Scan# 642
Delta R.T. 0.003 min
Lab File: VU060144.D
Acq: 24 Jul 2024 04:25

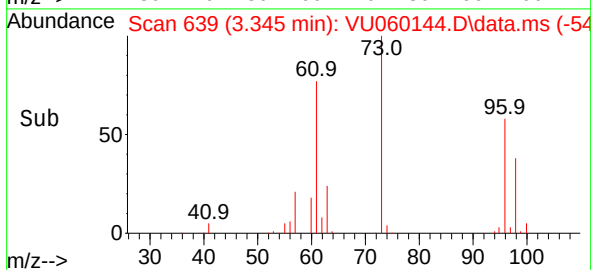
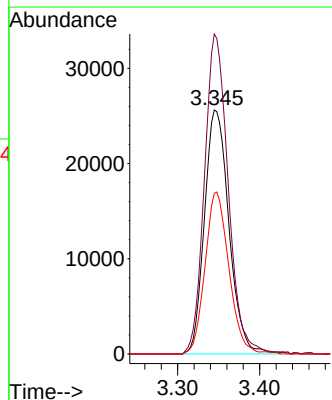
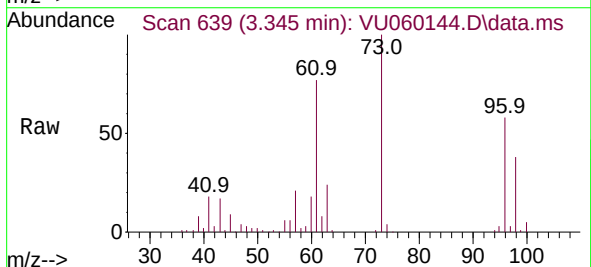
Instrument :
MSVOA_U
ClientSampleId :

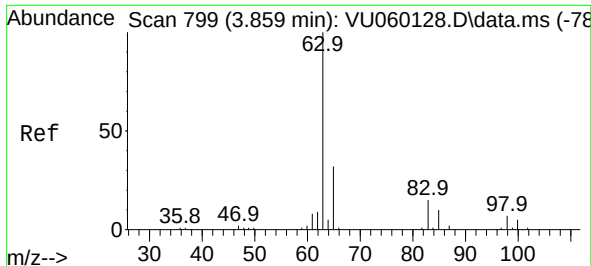
Tgt Ion: 73 Resp: 134300
Ion Ratio Lower Upper
73 100
43 16.5 13.1 19.7
57 20.9 17.0 25.4



#18
trans-1,2-Dichloroethene
Concen: 4.119 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.000 min
Lab File: VU060144.D
Acq: 24 Jul 2024 04:25

Tgt Ion: 96 Resp: 53278
Ion Ratio Lower Upper
96 100
61 131.1 91.6 170.0
98 65.9 47.7 88.5

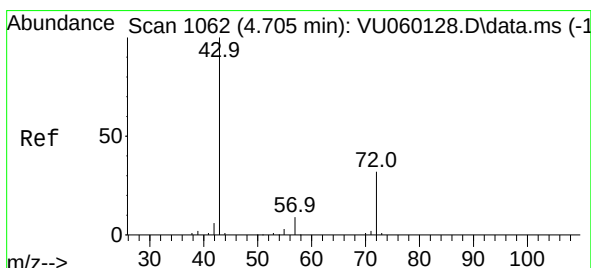
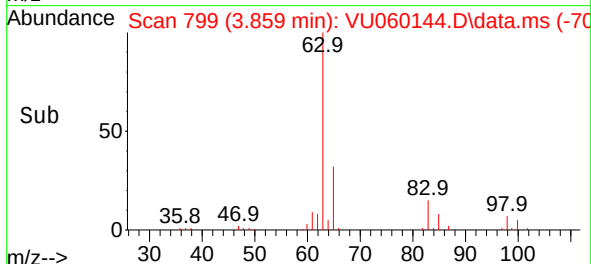
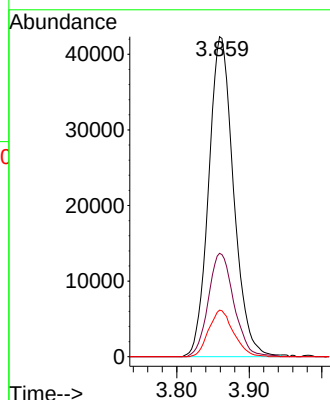
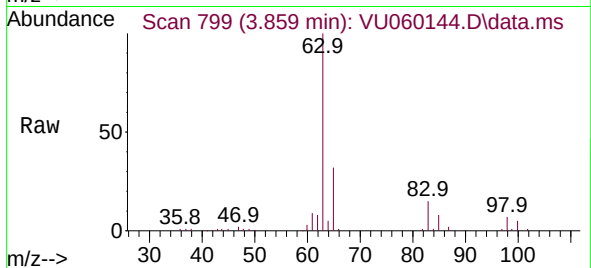




#19
1,1-Dichloroethane
Concen: 4.111 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU060144.D
Acq: 24 Jul 2024 04:25

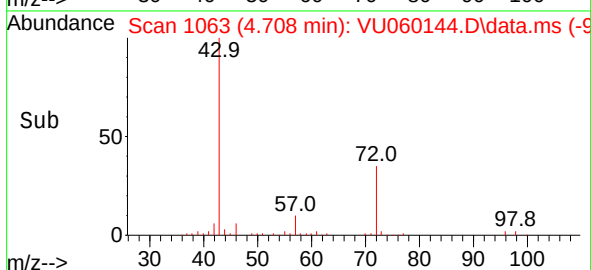
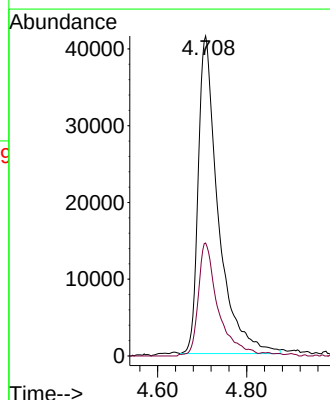
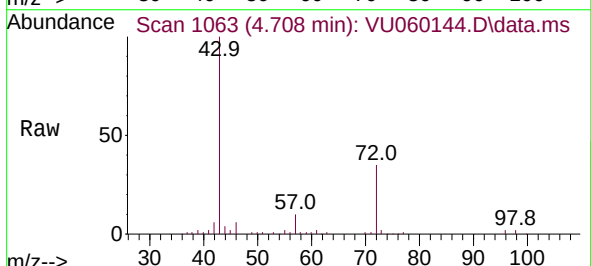
Instrument :
MSVOA_U
ClientSampleId :

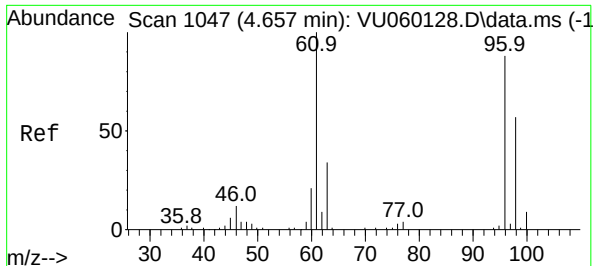
Tgt Ion: 63 Resp: 100986
Ion Ratio Lower Upper
63 100
65 32.3 22.0 40.8
83 14.5 9.7 17.9



#21
2-Butanone
Concen: 46.519 ug/L
RT: 4.708 min Scan# 1063
Delta R.T. 0.003 min
Lab File: VU060144.D
Acq: 24 Jul 2024 04:25

Tgt Ion: 43 Resp: 129099
Ion Ratio Lower Upper
43 100
72 35.2 16.3 48.9





#22

cis-1,2-Dichloroethene

Concen: 4.449 ug/L

RT: 4.656 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU060144.D

Acq: 24 Jul 2024 04:25

Instrument :

MSVOA_U

ClientSampleId :

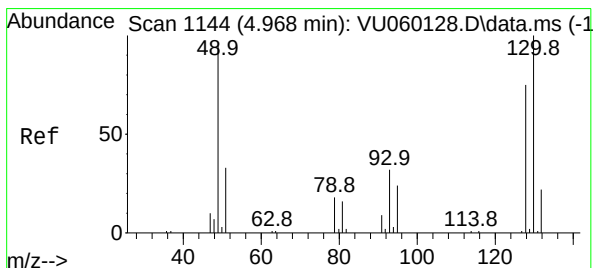
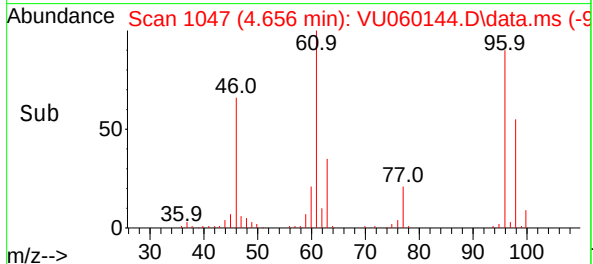
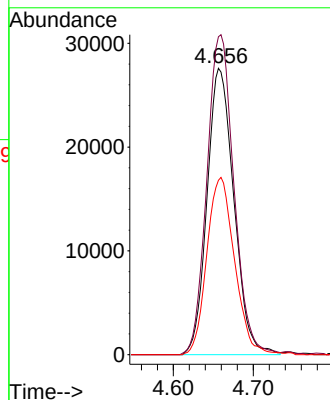
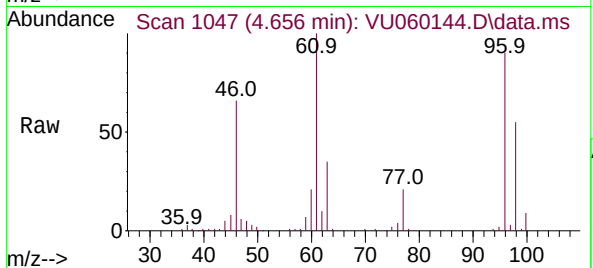
Tgt Ion: 96 Resp: 64465

Ion Ratio Lower Upper

96 100

61 111.0 80.2 148.9

98 60.9 44.7 83.1



#23

Bromochloromethane

Concen: 4.313 ug/L

RT: 4.968 min Scan# 1144

Delta R.T. -0.000 min

Lab File: VU060144.D

Acq: 24 Jul 2024 04:25

Tgt Ion:128 Resp: 30369

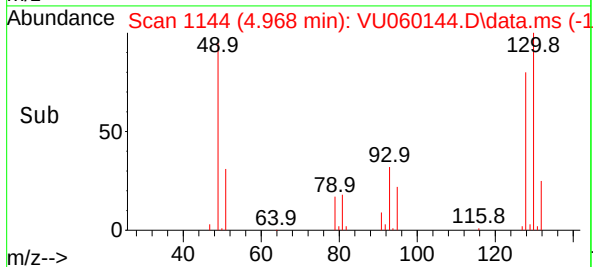
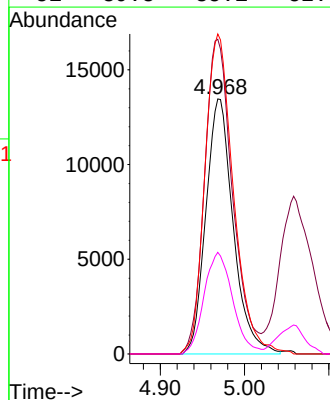
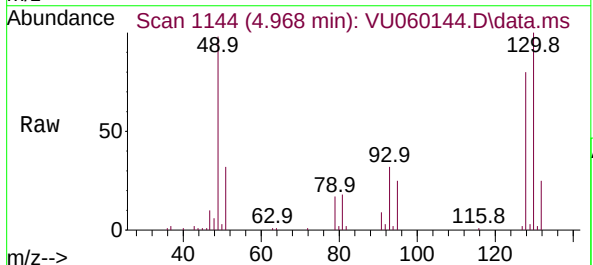
Ion Ratio Lower Upper

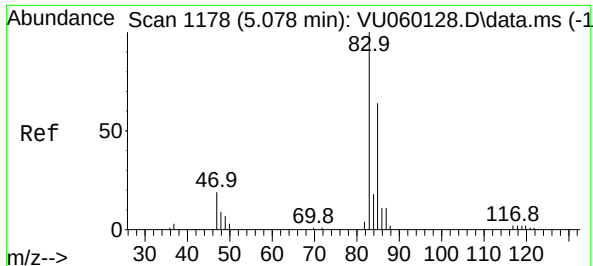
128 100

49 123.4 92.3 171.3

130 125.5 87.1 161.7

51 39.8 35.1 52.7





#25

Chloroform

Concen: 4.288 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU060144.D

Acq: 24 Jul 2024 04:25

Instrument :

MSVOA_U

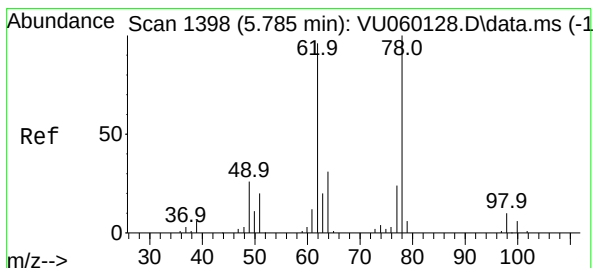
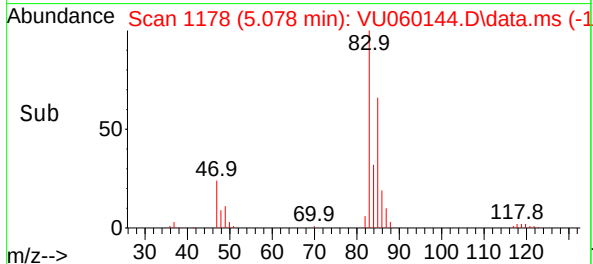
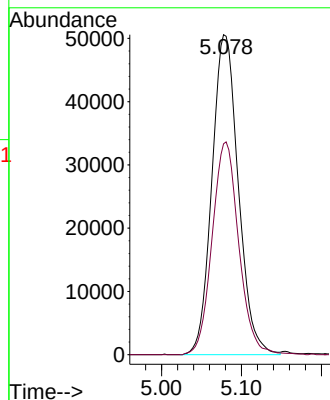
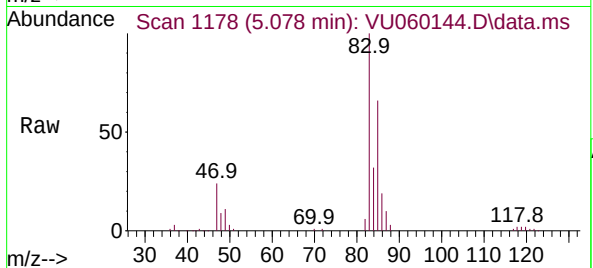
ClientSampleId :

Tgt Ion: 83 Resp: 115810

Ion Ratio Lower Upper

83 100

85 65.9 45.4 84.2



#27

1,2-Dichloroethane

Concen: 4.139 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VU060144.D

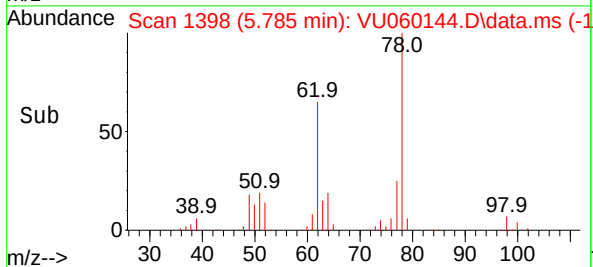
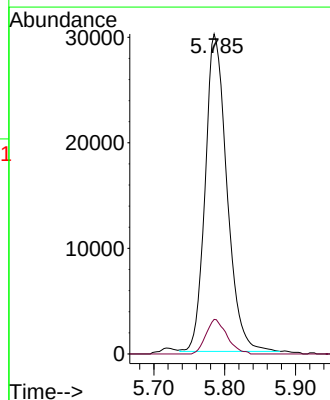
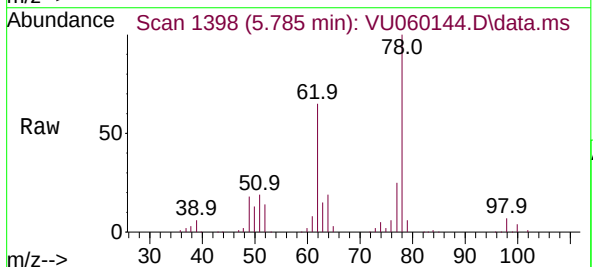
Acq: 24 Jul 2024 04:25

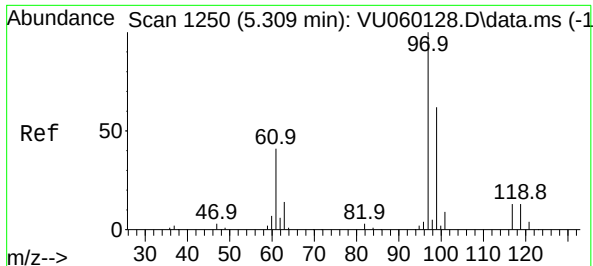
Tgt Ion: 62 Resp: 63908

Ion Ratio Lower Upper

62 100

98 10.8 7.9 11.9

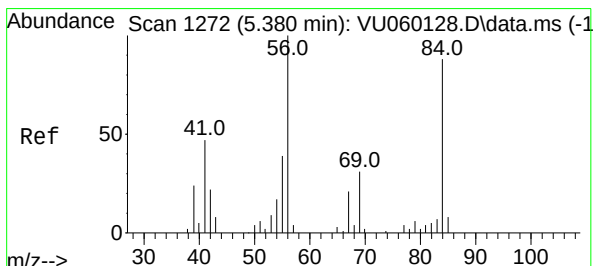
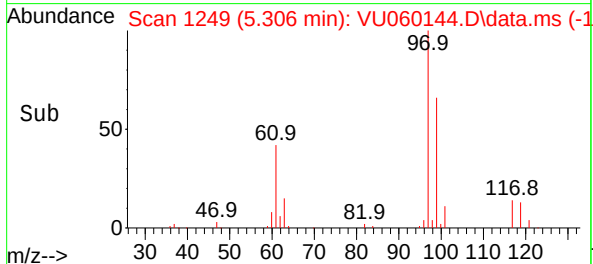
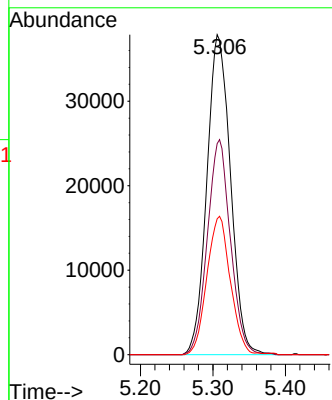
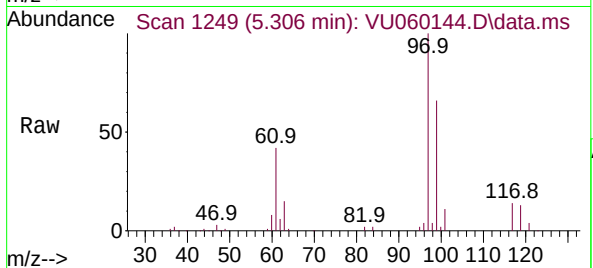




#29
1,1,1-Trichloroethane
Concen: 4.119 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.003 min
Lab File: VU060144.D
Acq: 24 Jul 2024 04:25

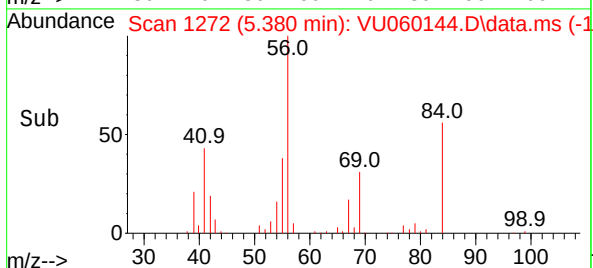
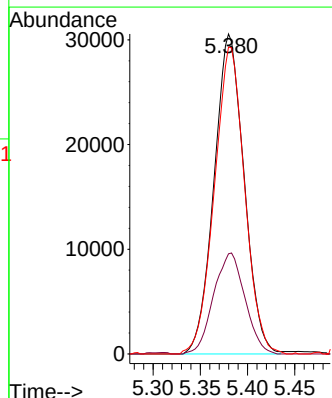
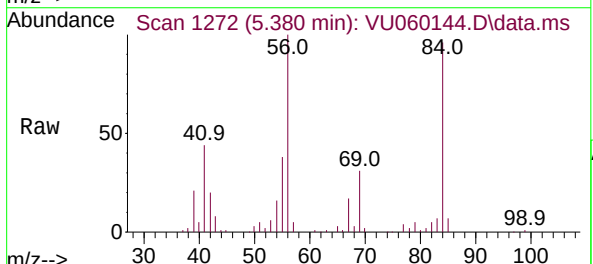
Instrument :
MSVOA_U
ClientSampleId :

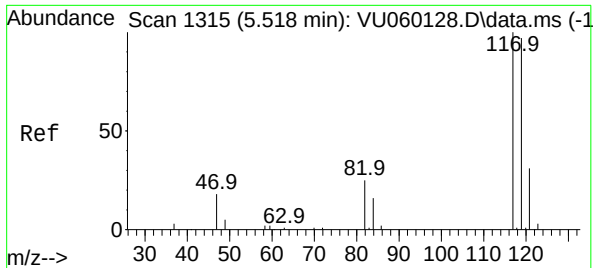
Tgt Ion: 97	Resp: 85846
Ion Ratio	Lower Upper
97 100	
99 65.6	51.0 76.4
61 42.9	34.1 51.1



#30
Cyclohexane
Concen: 4.087 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VU060144.D
Acq: 24 Jul 2024 04:25

Tgt Ion: 56	Resp: 67360
Ion Ratio	Lower Upper
56 100	
69 33.0	26.6 39.8
84 96.7	77.2 115.8

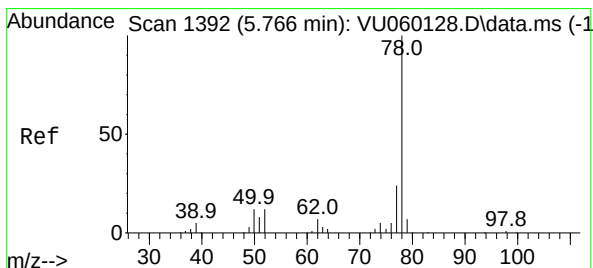
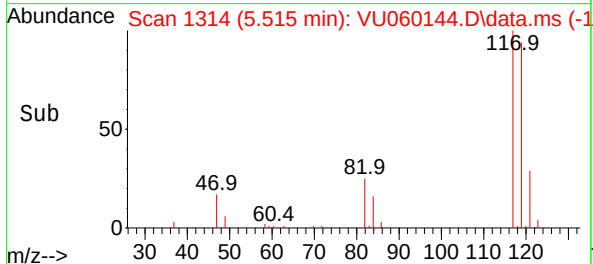
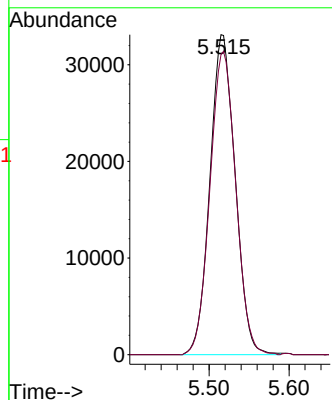
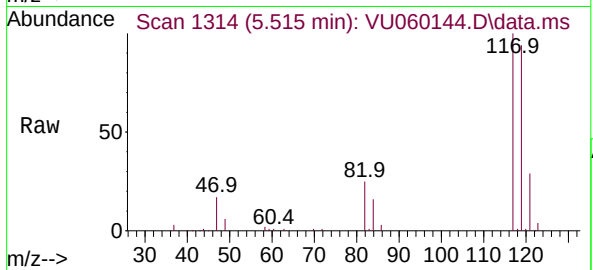




#31
Carbon tetrachloride
Concen: 4.039 ug/L
RT: 5.515 min Scan# 1315
Delta R.T. -0.003 min
Lab File: VU060144.D
Acq: 24 Jul 2024 04:25

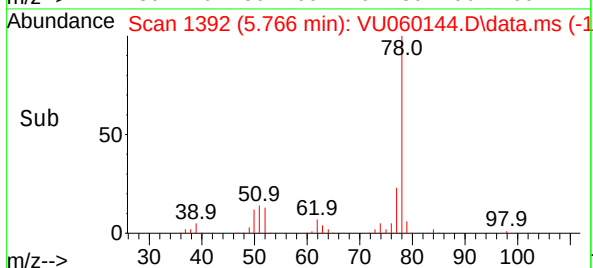
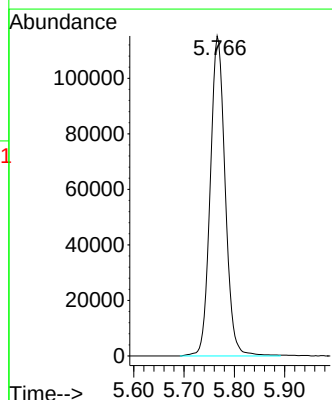
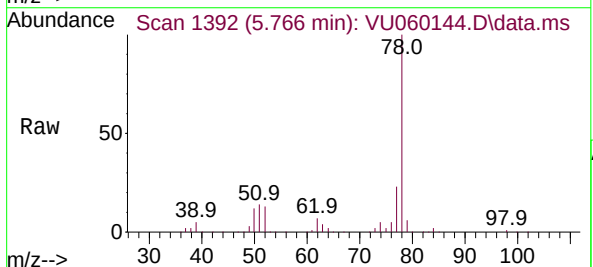
Instrument :
MSVOA_U
ClientSampleId :

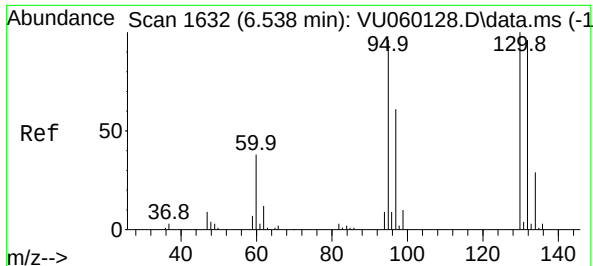
Tgt Ion:117 Resp: 72630
Ion Ratio Lower Upper
117 100
119 96.8 75.6 113.4



#33
Benzene
Concen: 4.323 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU060144.D
Acq: 24 Jul 2024 04:25

Tgt Ion: 78 Resp: 238275





#34

Trichloroethene

Concen: 4.221 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.003 min

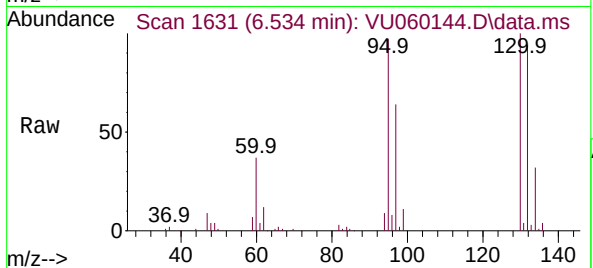
Lab File: VU060144.D

Acq: 24 Jul 2024 04:25

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 61712

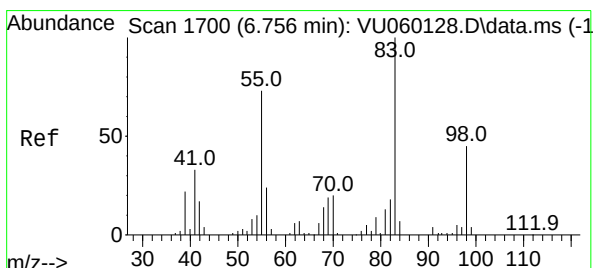
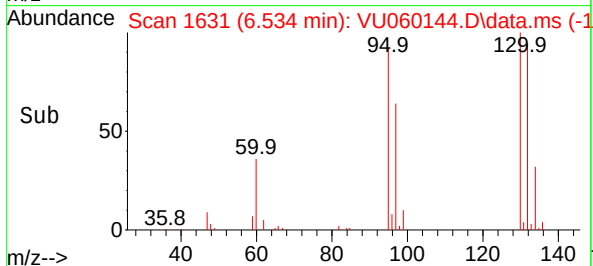
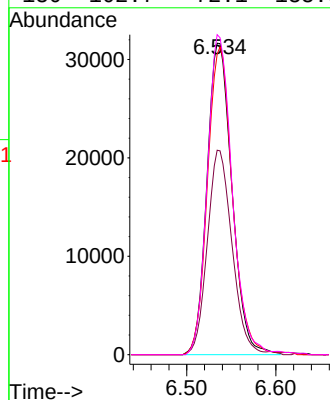
Ion Ratio Lower Upper

95 100

97 65.6 45.9 85.3

132 96.5 71.4 132.6

130 102.7 72.1 133.9



#35

Methylcyclohexane

Concen: 3.877 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VU060144.D

Acq: 24 Jul 2024 04:25

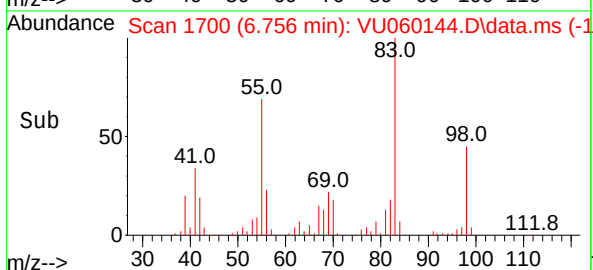
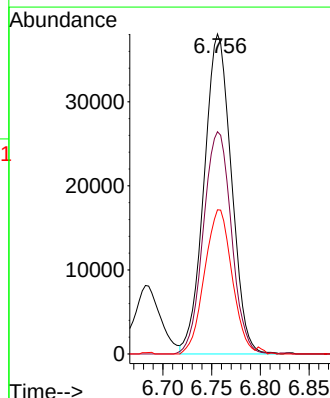
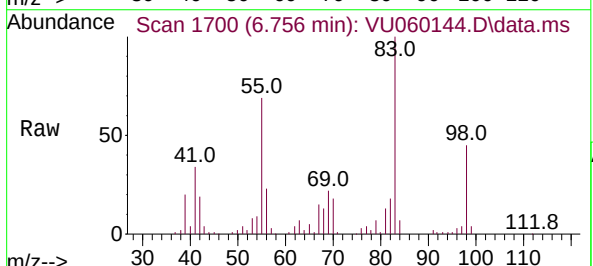
Tgt Ion: 83 Resp: 74287

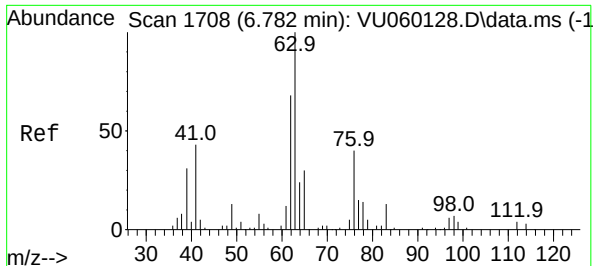
Ion Ratio Lower Upper

83 100

55 71.3 56.7 85.1

98 45.3 36.6 55.0

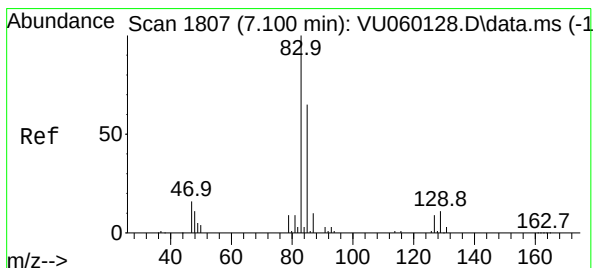
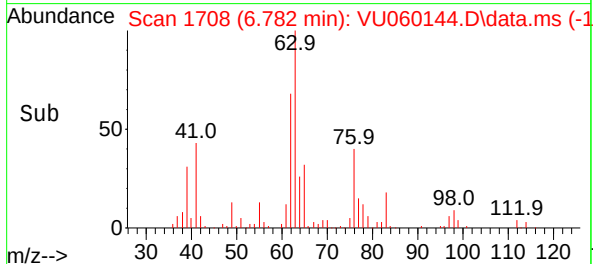
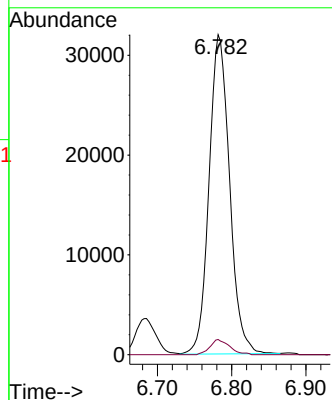
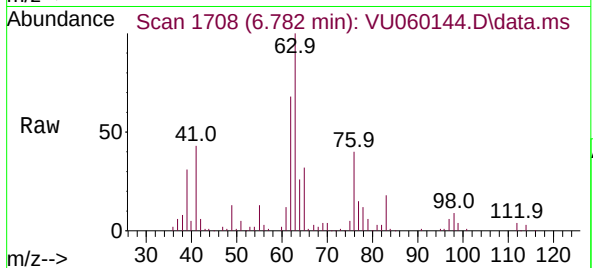




#37
1,2-Dichloropropane
Concen: 4.124 ug/L
RT: 6.782 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU060144.D
Acq: 24 Jul 2024 04:25

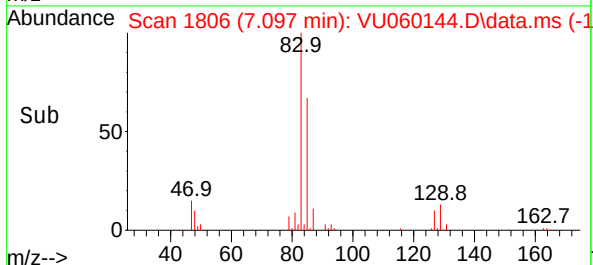
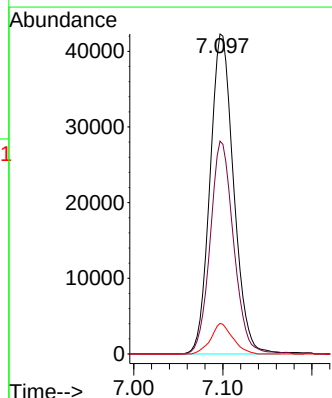
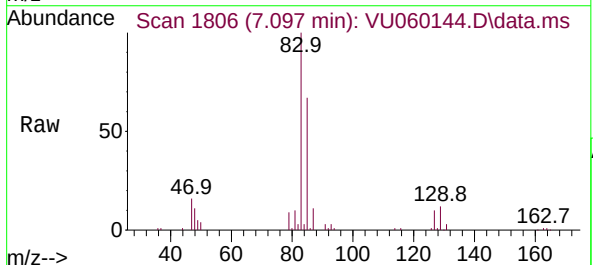
Instrument :
MSVOA_U
ClientSampleId :

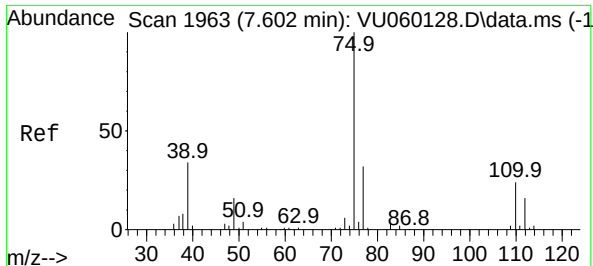
Tgt Ion: 63 Resp: 61405
Ion Ratio Lower Upper
63 100
112 4.5 3.3 4.9



#38
Bromodichloromethane
Concen: 4.173 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.003 min
Lab File: VU060144.D
Acq: 24 Jul 2024 04:25

Tgt Ion: 83 Resp: 77847
Ion Ratio Lower Upper
83 100
85 66.5 43.5 80.7
127 9.5 7.1 10.7

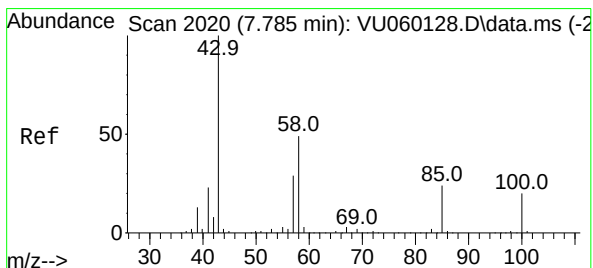
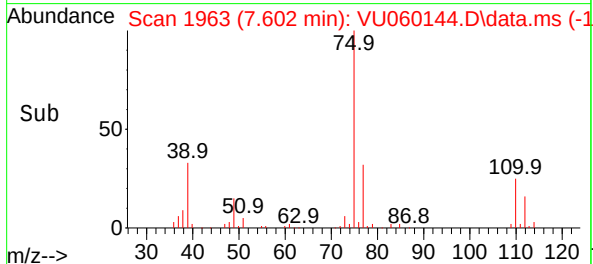
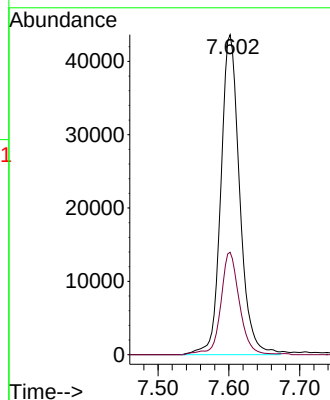
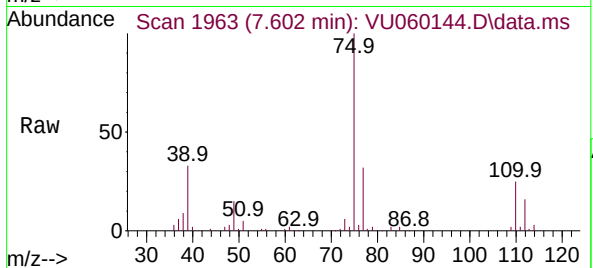




#39
 cis-1,3-Dichloropropene
 Concen: 4.136 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: VU060144.D
 Acq: 24 Jul 2024 04:25

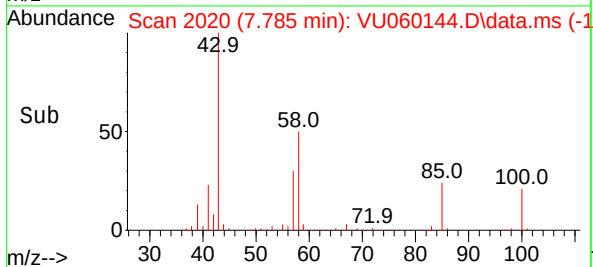
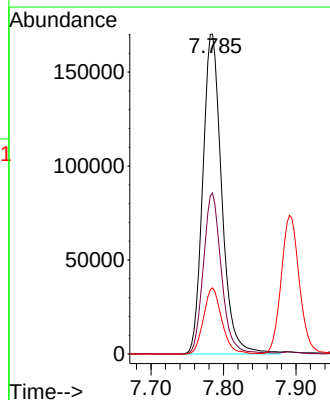
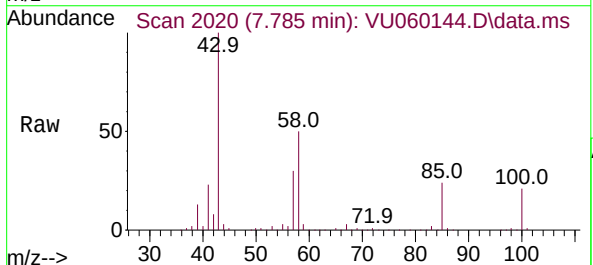
Instrument :
 MSVOA_U
 ClientSampleId :

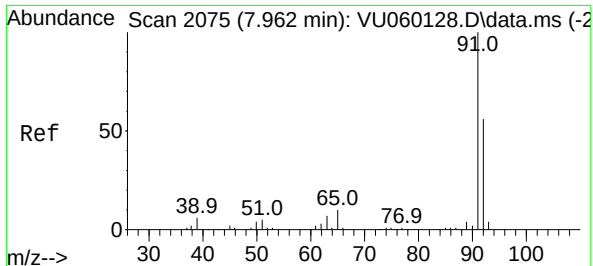
Tgt Ion: 75 Resp: 80484
 Ion Ratio Lower Upper
 75 100
 77 32.0 23.2 43.2



#40
 4-Methyl-2-pentanone
 Concen: 46.862 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. -0.000 min
 Lab File: VU060144.D
 Acq: 24 Jul 2024 04:25

Tgt Ion: 43 Resp: 308793
 Ion Ratio Lower Upper
 43 100
 58 48.2 36.0 54.0
 100 19.9 14.9 22.3





#42

Toluene

Concen: 7.760 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU060144.D

Acq: 24 Jul 2024 04:25

Instrument :

MSVOA_U

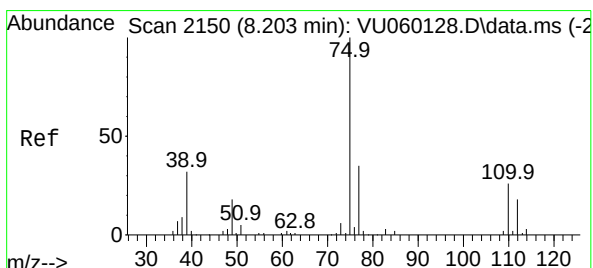
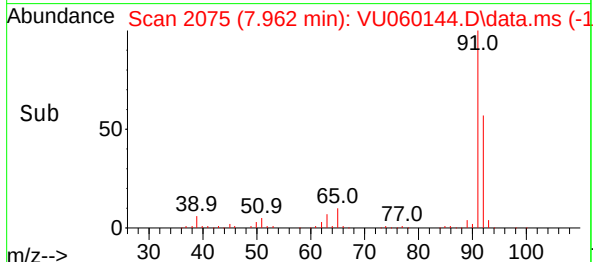
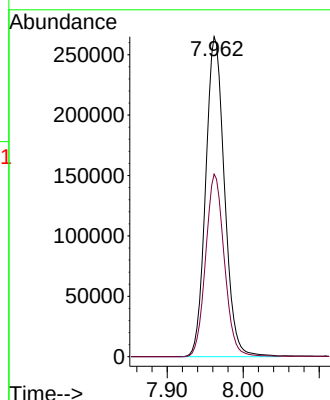
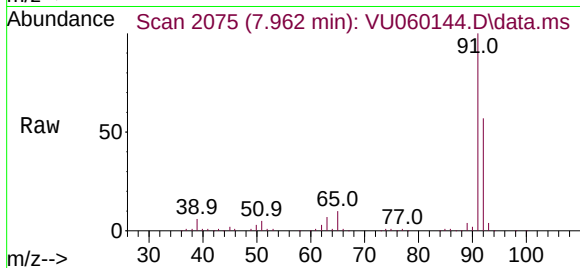
ClientSampleId :

Tgt Ion: 91 Resp: 455196

Ion Ratio Lower Upper

91 100

92 57.1 39.8 73.8



#44

trans-1,3-Dichloropropene

Concen: 4.046 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU060144.D

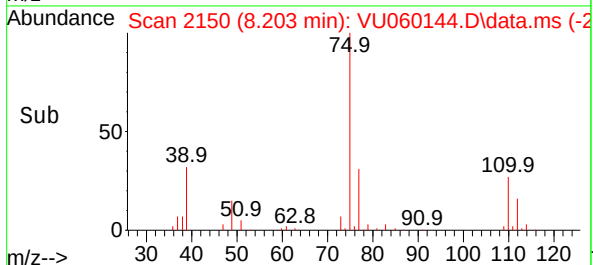
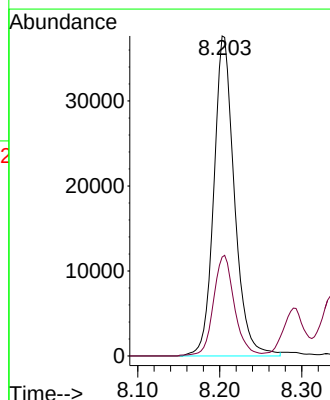
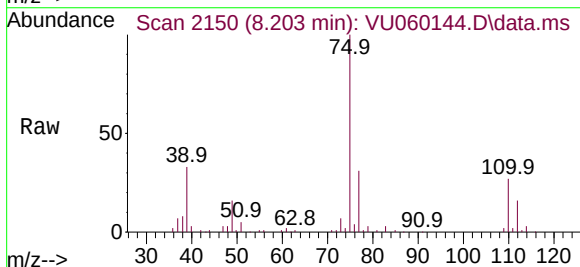
Acq: 24 Jul 2024 04:25

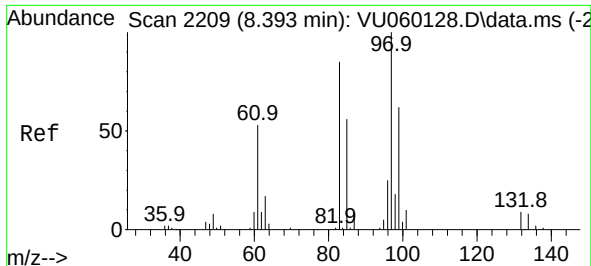
Tgt Ion: 75 Resp: 65777

Ion Ratio Lower Upper

75 100

77 30.9 22.6 42.0

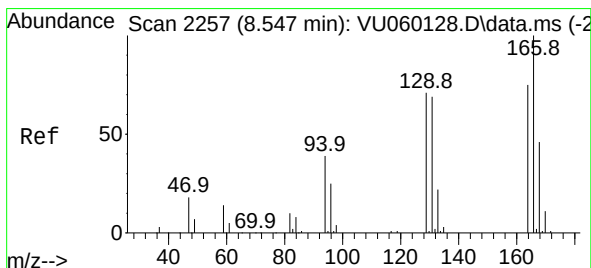
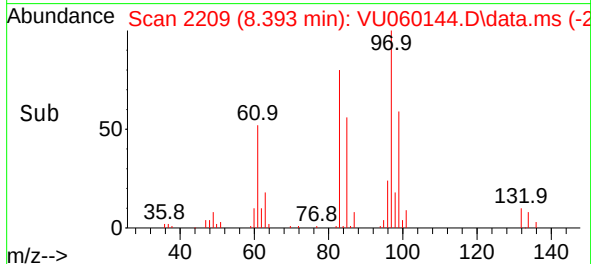
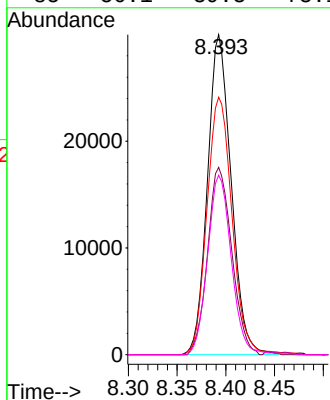
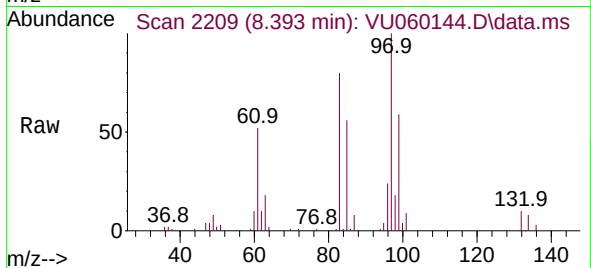




#45
1,1,2-Trichloroethane
Concen: 4.461 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU060144.D
Acq: 24 Jul 2024 04:25

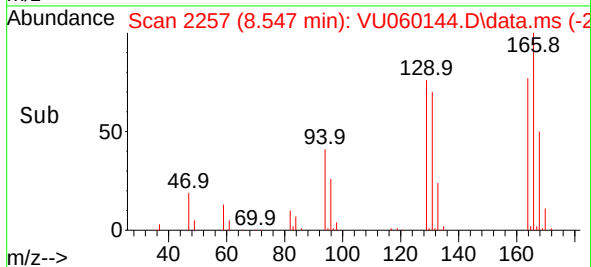
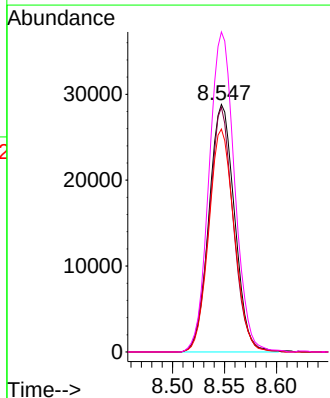
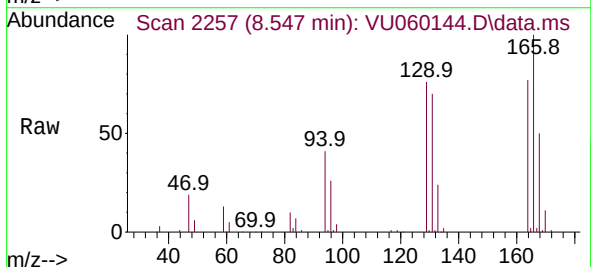
Instrument :
MSVOA_U
ClientSampleId :

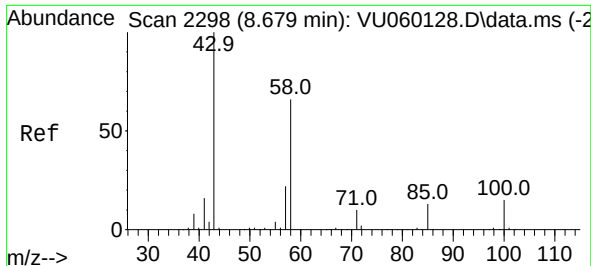
Tgt Ion:	97	Resp:	50757
Ion	Ratio	Lower	Upper
97	100		
99	58.5	43.8	81.4
83	80.5	62.1	115.3
85	56.1	39.3	73.1



#47
Tetrachloroethene
Concen: 4.074 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU060144.D
Acq: 24 Jul 2024 04:25

Tgt Ion:	164	Resp:	49246
Ion	Ratio	Lower	Upper
164	100		
129	98.9	64.6	120.0
131	90.0	61.2	113.8
166	129.3	88.6	164.6

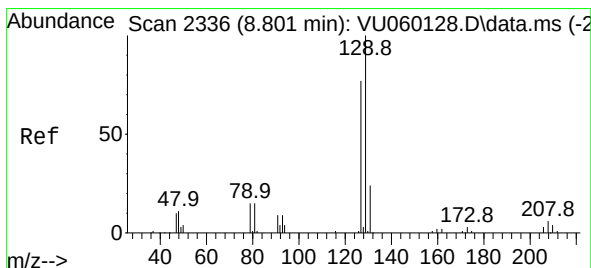
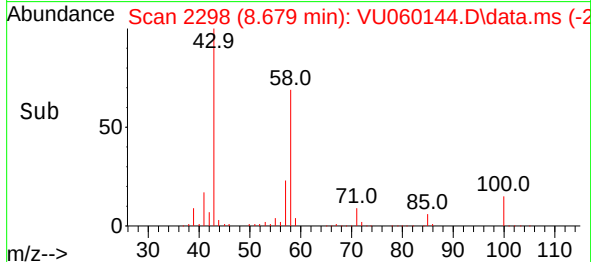
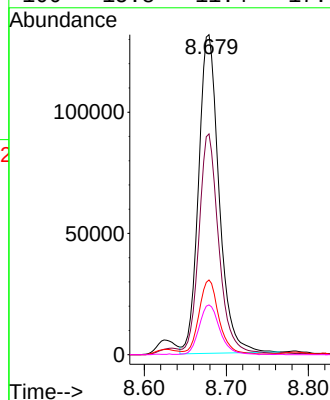
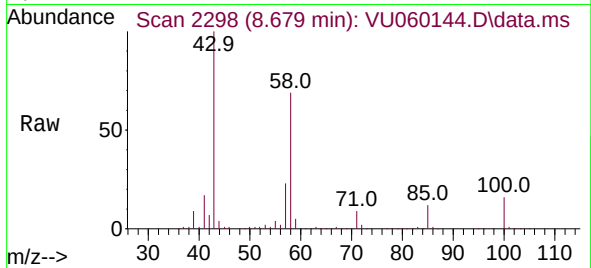




#48
2-Hexanone
Concen: 47.242 ug/L
RT: 8.679 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VU060144.D
Acq: 24 Jul 2024 04:25

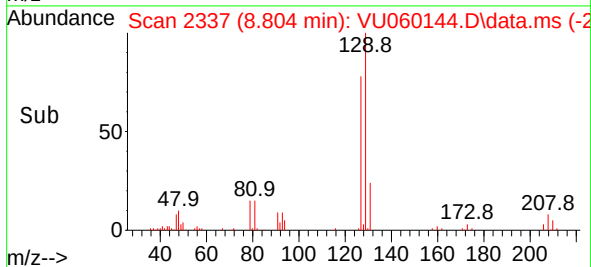
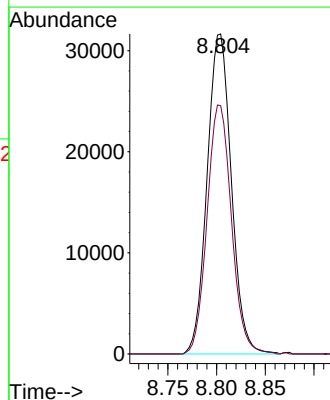
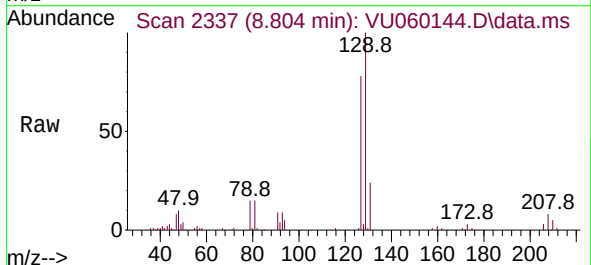
Instrument :
MSVOA_U
ClientSampleId :

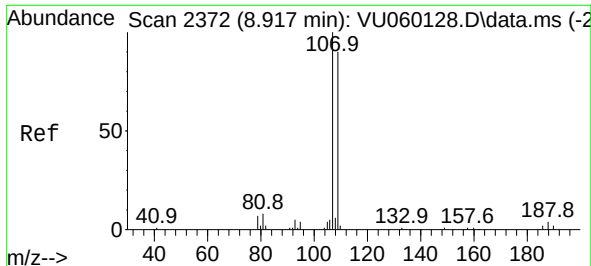
Tgt Ion:	43	Resp:	227927
Ion	Ratio	Lower	Upper
43	100		
58	66.8	52.6	78.8
57	22.7	17.8	26.8
100	15.8	11.4	17.0



#49
Dibromochloromethane
Concen: 4.353 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.003 min
Lab File: VU060144.D
Acq: 24 Jul 2024 04:25

Tgt Ion:	129	Resp:	54796
Ion	Ratio	Lower	Upper
129	100		
127	77.6	54.6	101.4

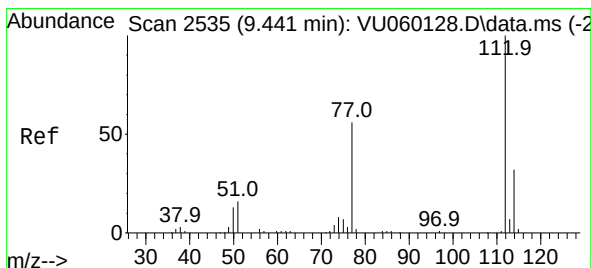
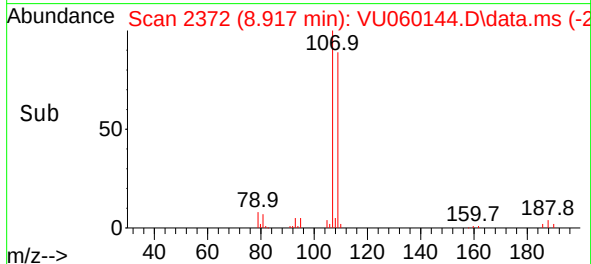
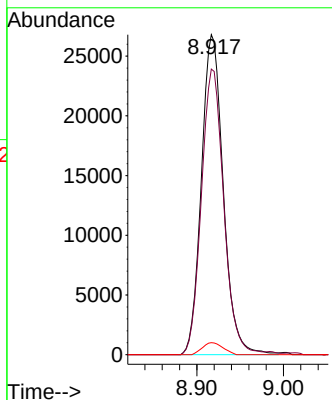
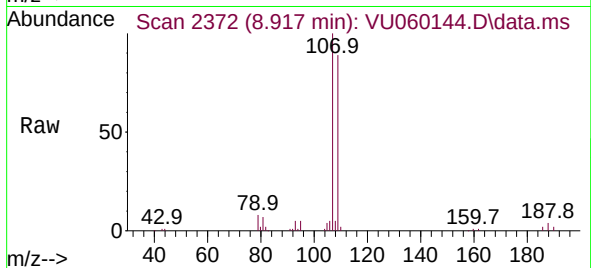




#50
1,2-Dibromoethane
Concen: 4.580 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. -0.000 min
Lab File: VU060144.D
Acq: 24 Jul 2024 04:25

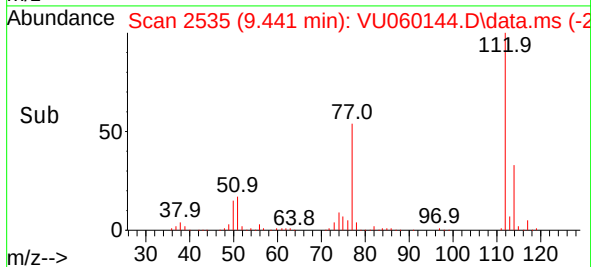
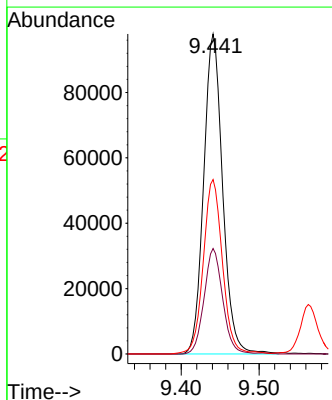
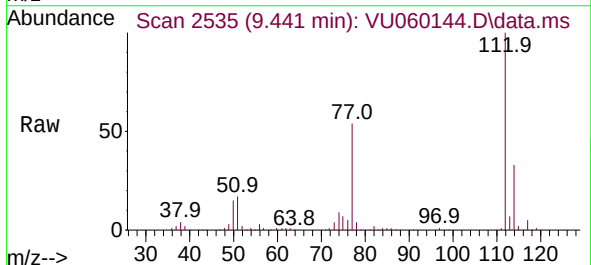
Instrument :
MSVOA_U
ClientSampleId :

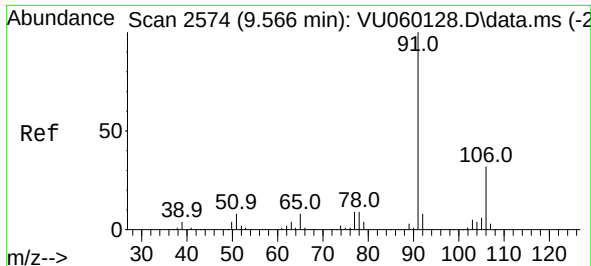
Tgt Ion:107 Resp: 47120
Ion Ratio Lower Upper
107 100
109 89.3 64.0 118.8
188 3.8 3.0 4.6



#51
Chlorobenzene
Concen: 4.330 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU060144.D
Acq: 24 Jul 2024 04:25

Tgt Ion:112 Resp: 165931
Ion Ratio Lower Upper
112 100
114 33.0 22.1 41.1
77 54.5 44.7 67.1





#52

Ethylbenzene

Concen: 4.350 ug/L

RT: 9.563 min Scan# 2574

Delta R.T. -0.003 min

Lab File: VU060144.D

Acq: 24 Jul 2024 04:25

Instrument :

MSVOA_U

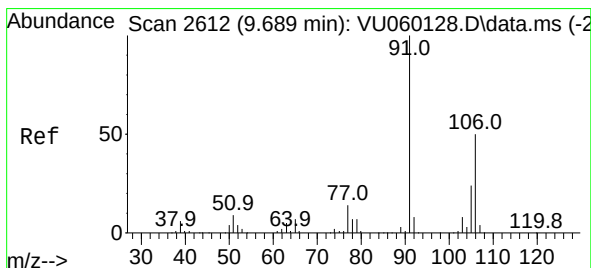
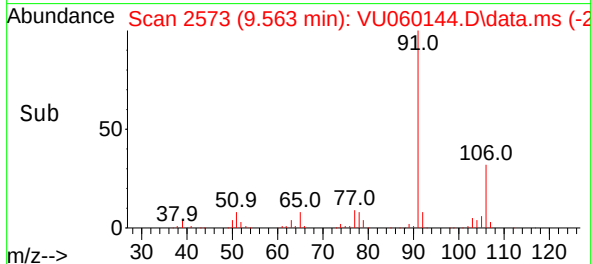
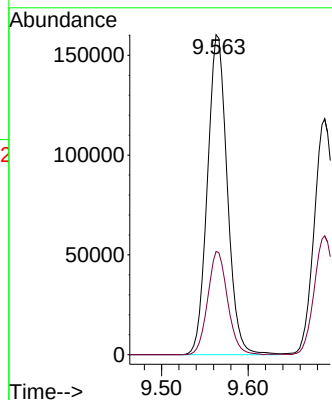
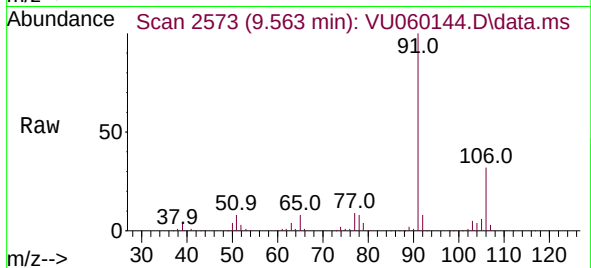
ClientSampleId :

Tgt Ion: 91 Resp: 254493

Ion Ratio Lower Upper

91 100

106 32.3 21.9 40.7



#53

m,p-Xylene

Concen: 4.508 ug/L

RT: 9.688 min Scan# 2612

Delta R.T. -0.000 min

Lab File: VU060144.D

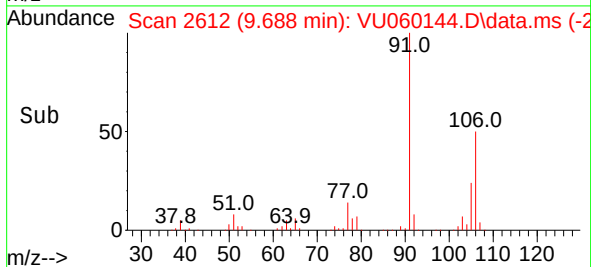
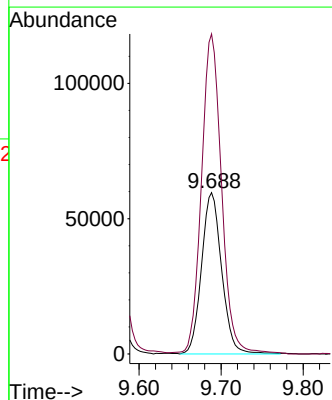
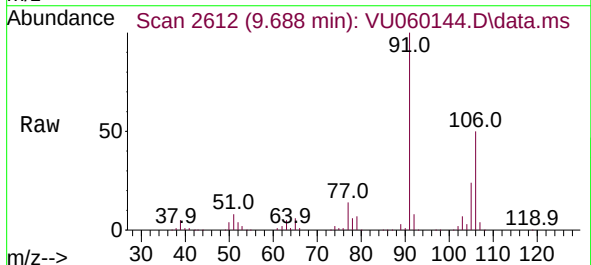
Acq: 24 Jul 2024 04:25

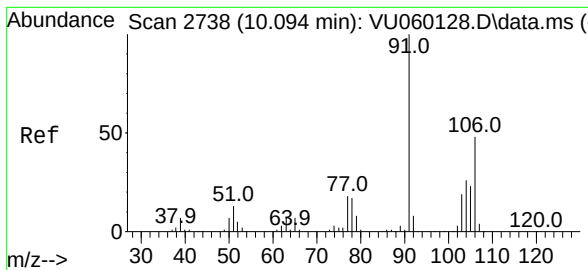
Tgt Ion:106 Resp: 101875

Ion Ratio Lower Upper

106 100

91 198.5 141.3 262.5

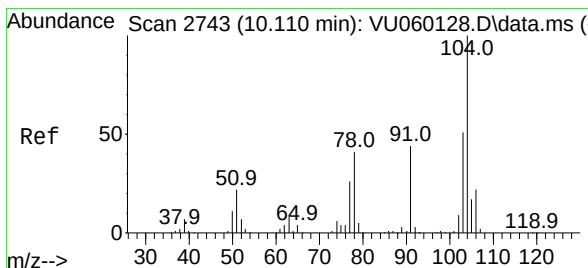
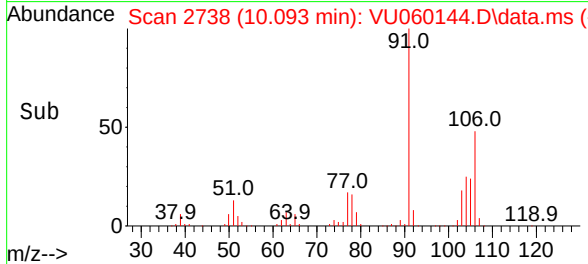
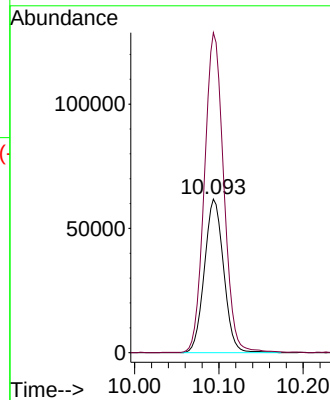
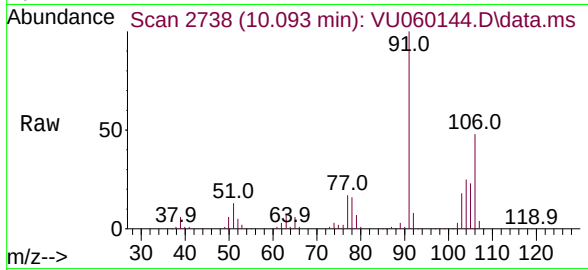




#54
o-Xylene
Concen: 4.554 ug/L
RT: 10.093 min Scan# 2738
Delta R.T. -0.000 min
Lab File: VU060144.D
Acq: 24 Jul 2024 04:25

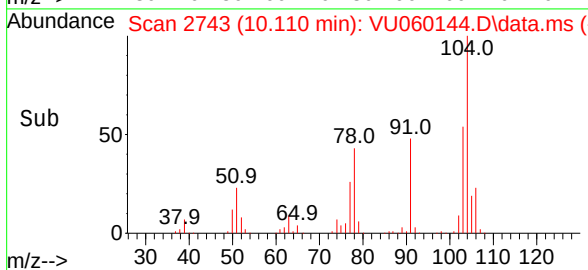
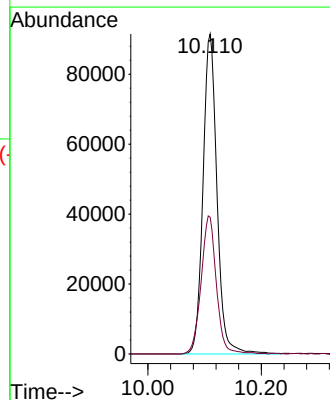
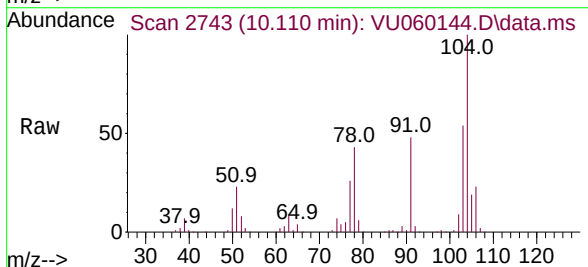
Instrument :
MSVOA_U
ClientSampleId :

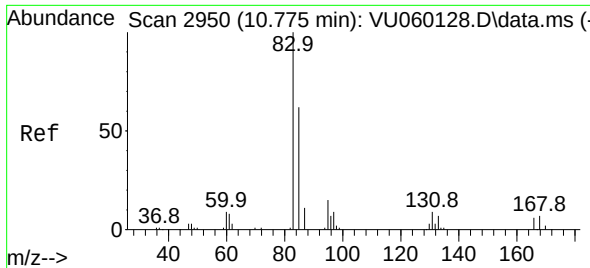
Tgt Ion:106 Resp: 98433
Ion Ratio Lower Upper
106 100
91 208.4 143.6 266.6



#55
Styrene
Concen: 4.254 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU060144.D
Acq: 24 Jul 2024 04:25

Tgt Ion:104 Resp: 156496
Ion Ratio Lower Upper
104 100
78 42.7 31.4 58.4





#57

1,1,2,2-Tetrachloroethane

Concen: 4.497 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU060144.D

Acq: 24 Jul 2024 04:25

Instrument :

MSVOA_U

ClientSampleId :

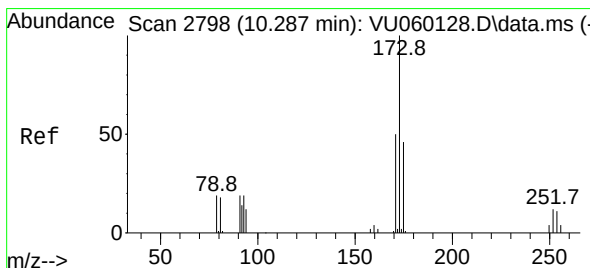
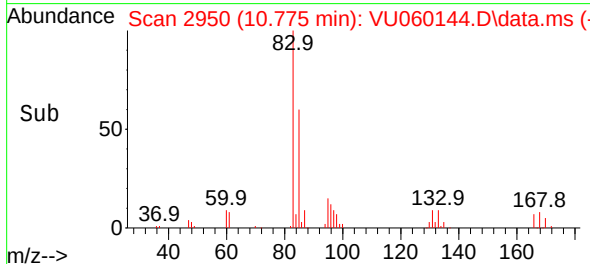
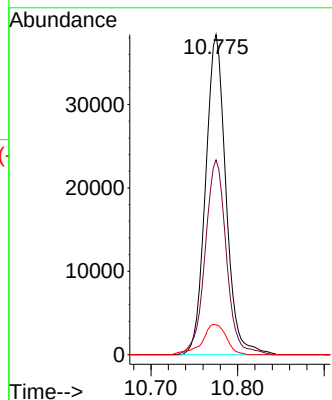
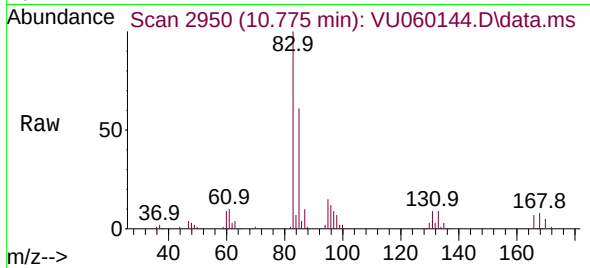
Tgt Ion: 83 Resp: 62600

Ion Ratio Lower Upper

83 100

85 60.9 46.8 87.0

131 9.3 7.8 11.6



#59

Bromoform

Concen: 4.384 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.003 min

Lab File: VU060144.D

Acq: 24 Jul 2024 04:25

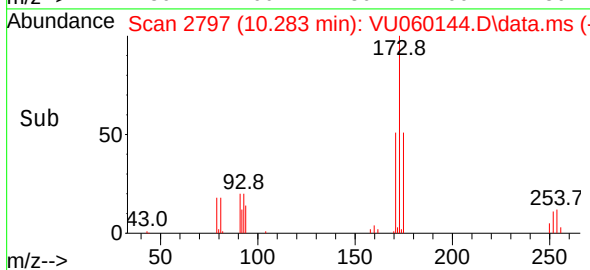
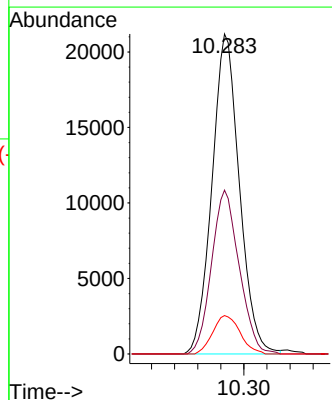
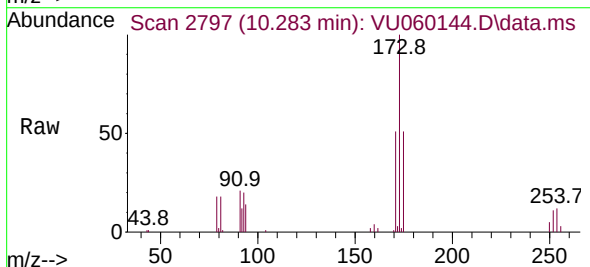
Tgt Ion:173 Resp: 34928

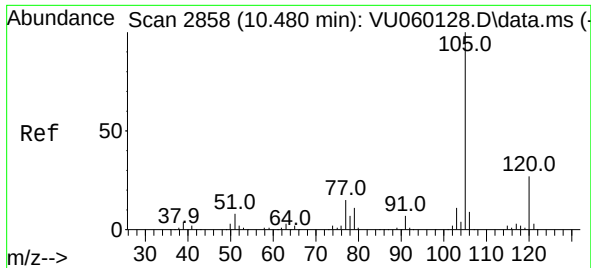
Ion Ratio Lower Upper

173 100

175 51.5 38.7 58.1

254 12.0 9.0 13.4

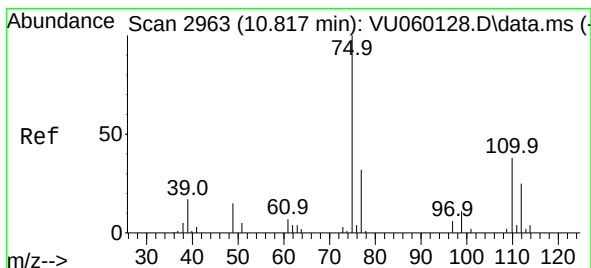
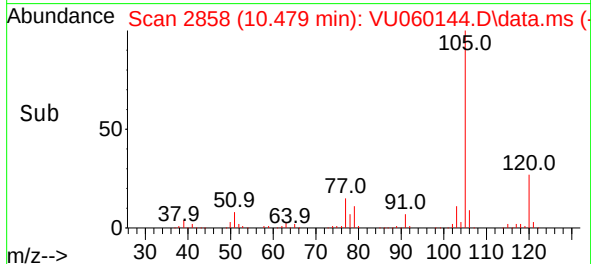
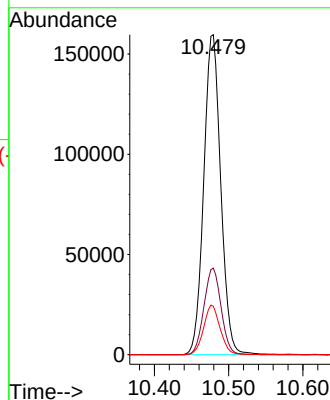
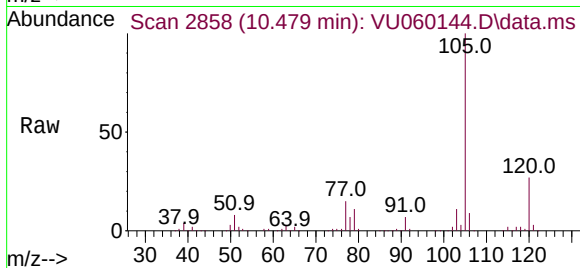




#60
Isopropylbenzene
Concen: 4.424 ug/L
RT: 10.479 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU060144.D
Acq: 24 Jul 2024 04:25

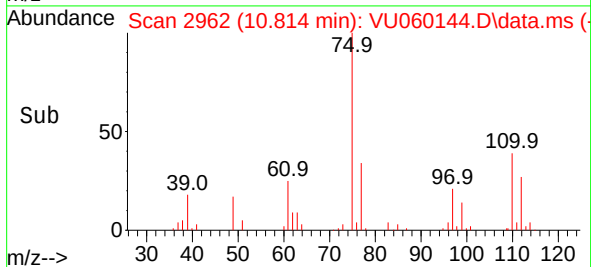
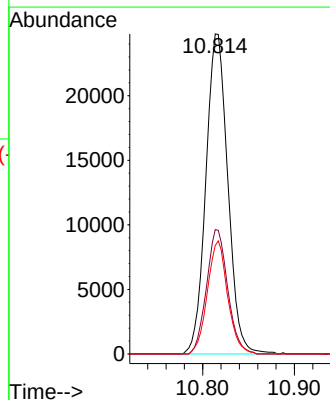
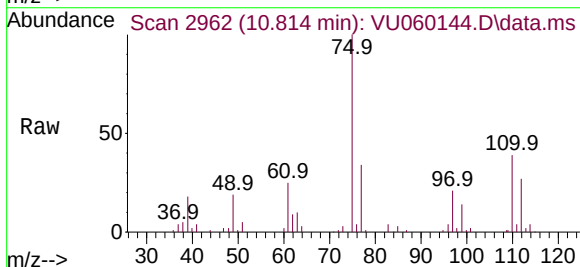
Instrument :
MSVOA_U
ClientSampleId :

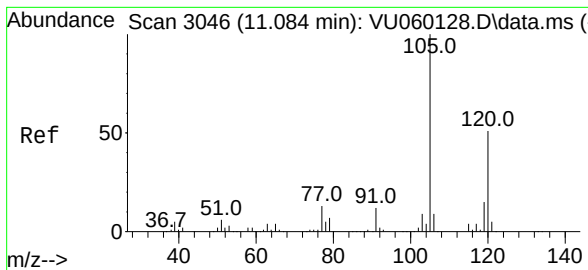
Tgt Ion:105 Resp: 253696
Ion Ratio Lower Upper
105 100
120 27.3 21.9 32.9
77 15.1 12.1 18.1



#61
1,2,3-Trichloropropane
Concen: 4.452 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. -0.003 min
Lab File: VU060144.D
Acq: 24 Jul 2024 04:25

Tgt Ion: 75 Resp: 41150
Ion Ratio Lower Upper
75 100
110 37.4 30.8 46.2
77 32.7 26.2 39.2

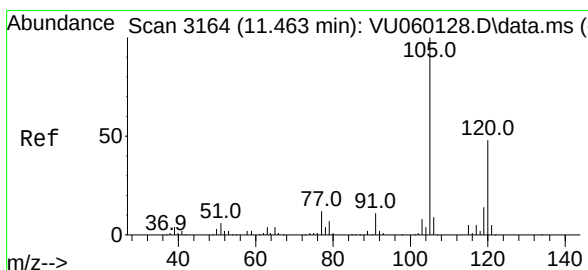
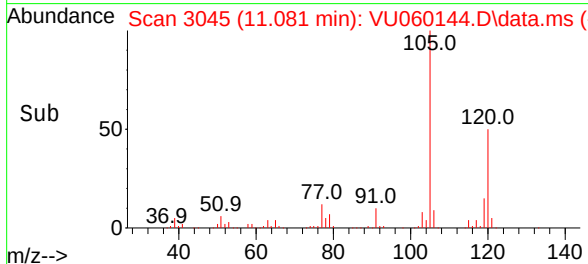
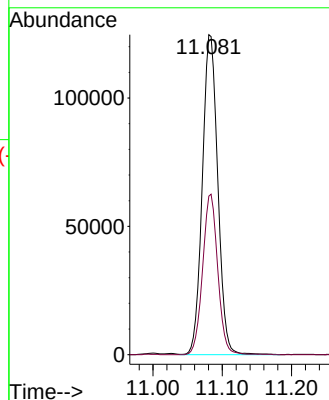
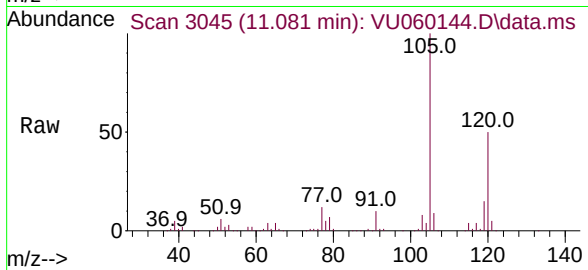




#62
1,3,5-Trimethylbenzene
Concen: 4.402 ug/L
RT: 11.081 min Scan# 3046
Delta R.T. -0.003 min
Lab File: VU060144.D
Acq: 24 Jul 2024 04:25

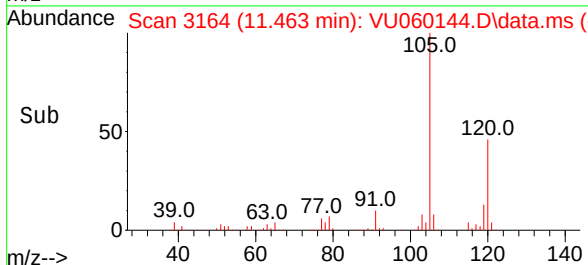
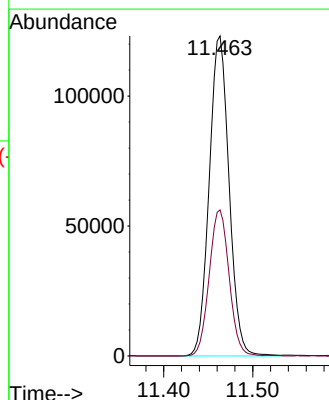
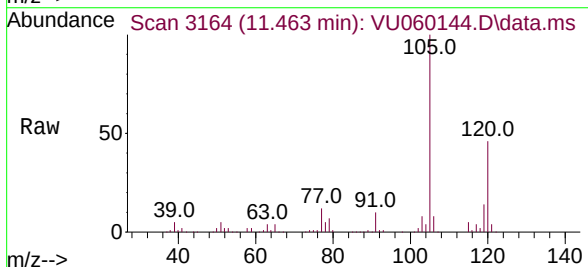
Instrument :
MSVOA_U
ClientSampleId :

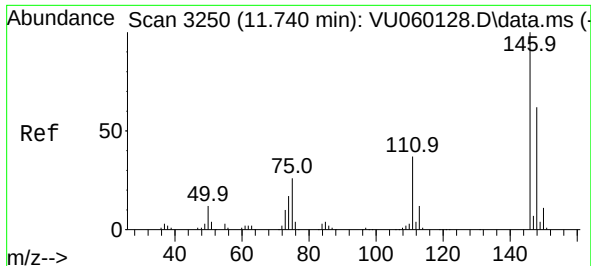
Tgt Ion:105 Resp: 192877
Ion Ratio Lower Upper
105 100
120 49.1 39.4 59.2



#63
1,2,4-Trimethylbenzene
Concen: 4.502 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. -0.000 min
Lab File: VU060144.D
Acq: 24 Jul 2024 04:25

Tgt Ion:105 Resp: 190582
Ion Ratio Lower Upper
105 100
120 45.7 36.7 55.1





#64

1,3-Dichlorobenzene

Concen: 4.419 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. -0.000 min

Lab File: VU060144.D

Acq: 24 Jul 2024 04:25

Instrument :

MSVOA_U

ClientSampleId :

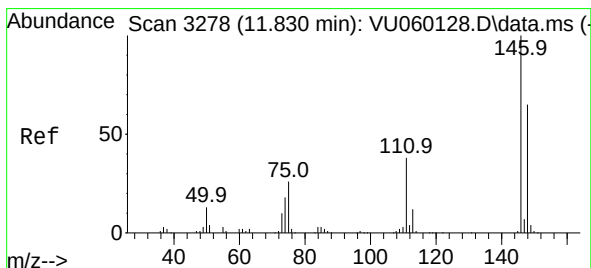
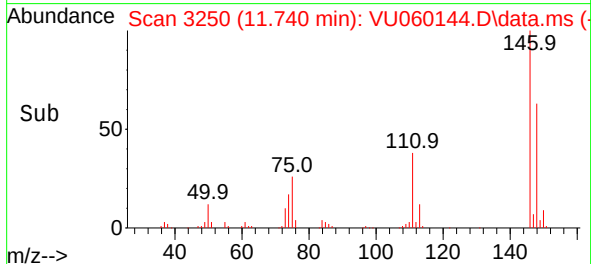
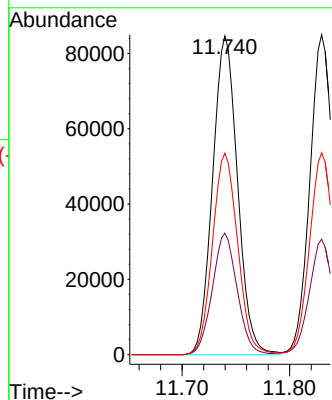
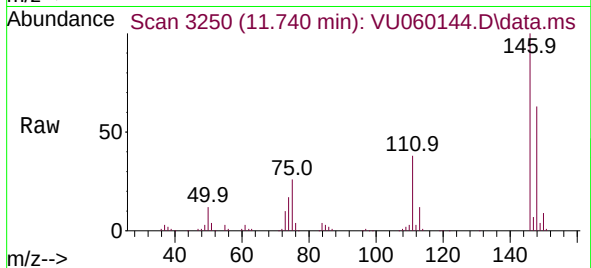
Tgt Ion:146 Resp: 136347

Ion Ratio Lower Upper

146 100

111 38.2 27.2 50.4

148 63.2 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 4.258 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. -0.000 min

Lab File: VU060144.D

Acq: 24 Jul 2024 04:25

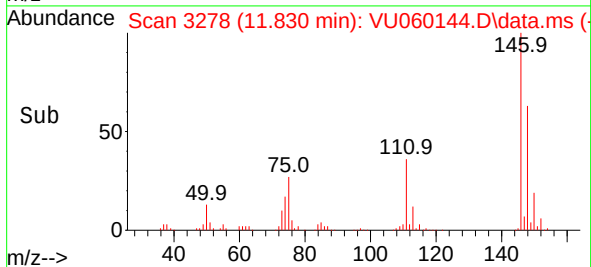
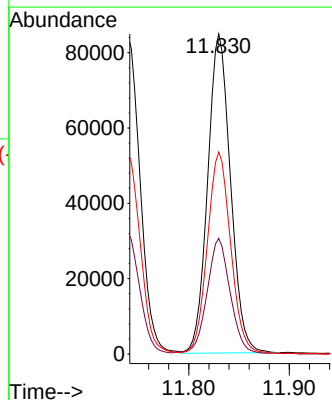
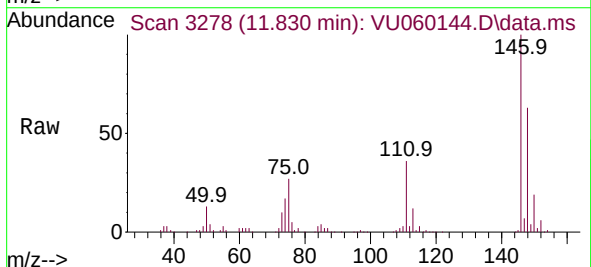
Tgt Ion:146 Resp: 133735

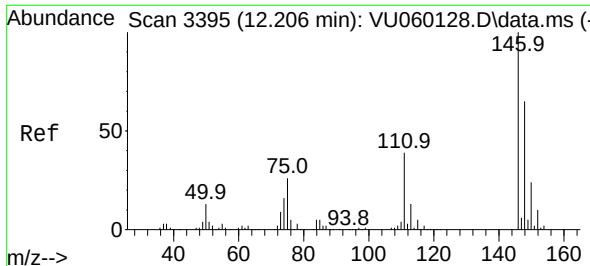
Ion Ratio Lower Upper

146 100

111 36.1 26.5 49.1

148 63.1 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 4.355 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

Lab File: VU060144.D

Acq: 24 Jul 2024 04:25

Instrument :

MSVOA_U

ClientSampleId :

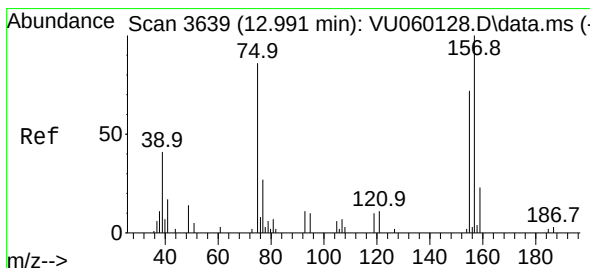
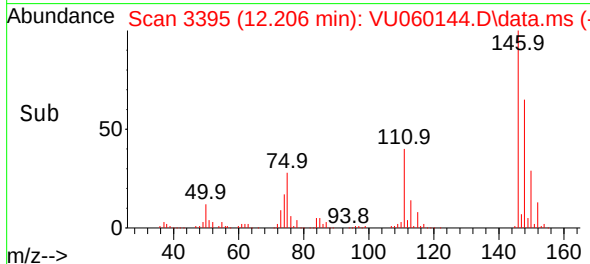
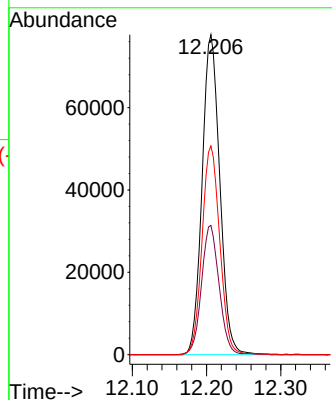
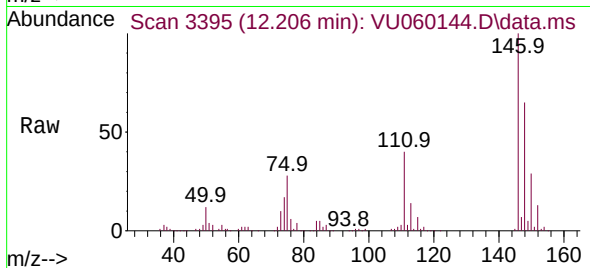
Tgt Ion:146 Resp: 128604

Ion Ratio Lower Upper

146 100

111 40.4 30.9 46.3

148 65.2 49.8 74.8



#68

1,2-Dibromo-3-chloropropane

Concen: 4.612 ug/L

RT: 12.990 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU060144.D

Acq: 24 Jul 2024 04:25

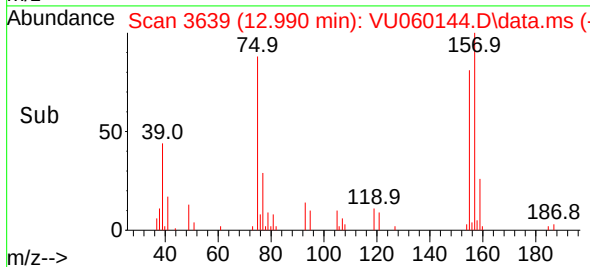
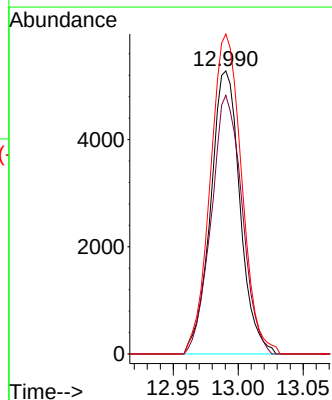
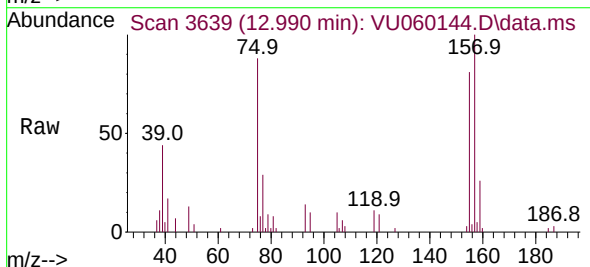
Tgt Ion: 75 Resp: 8308

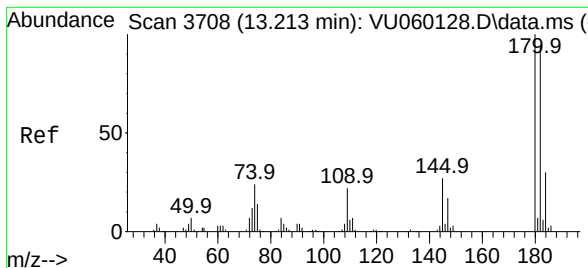
Ion Ratio Lower Upper

75 100

155 91.4 70.6 105.8

157 113.1 99.4 149.2





#69

1,3,5-Trichlorobenzene

Concen: 4.091 ug/L

RT: 13.212 min Scan# 3708

Delta R.T. -0.000 min

Lab File: VU060144.D

Acq: 24 Jul 2024 04:25

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 95258

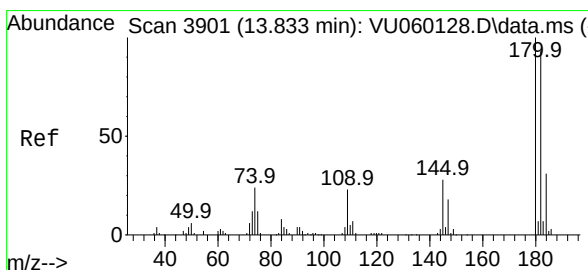
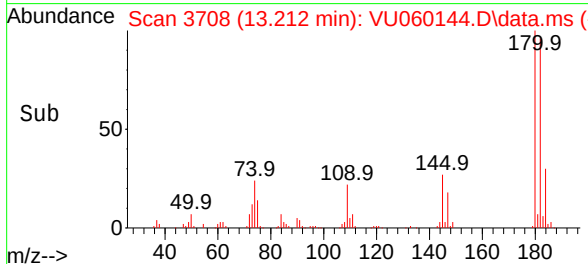
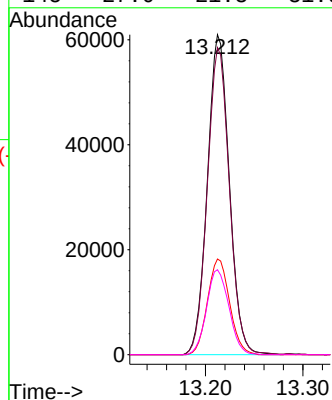
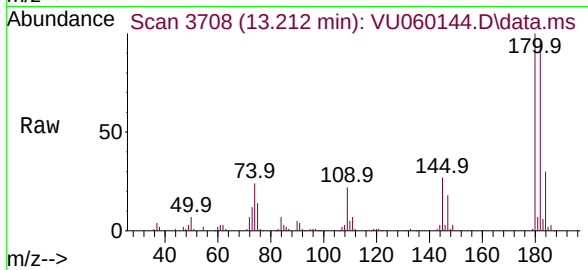
Ion Ratio Lower Upper

180 100

182 96.5 74.6 111.8

184 30.2 23.1 34.7

145 27.0 21.3 31.9



#70

1,2,4-trichlorobenzene

Concen: 4.320 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU060144.D

Acq: 24 Jul 2024 04:25

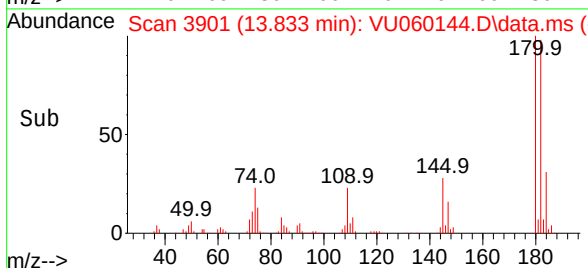
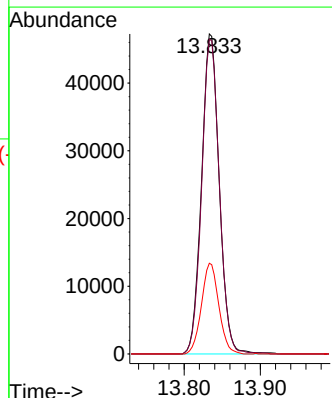
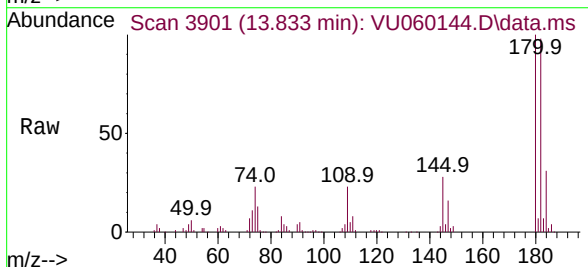
Tgt Ion:180 Resp: 76571

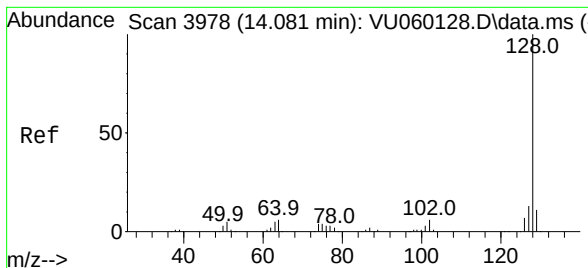
Ion Ratio Lower Upper

180 100

182 97.9 77.2 115.8

145 27.7 23.0 34.4





#71

Naphthalene

Concen: 4.456 ug/L

RT: 14.080 min Scan# 3978

Delta R.T. -0.000 min

Lab File: VU060144.D

Acq: 24 Jul 2024 04:25

Instrument :

MSVOA_U

ClientSampleId :

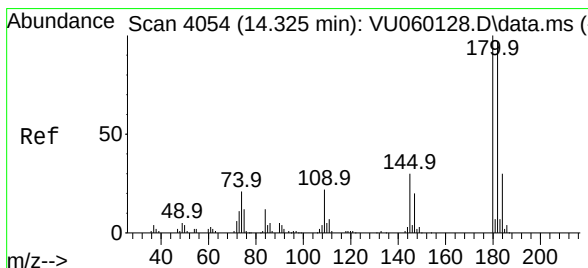
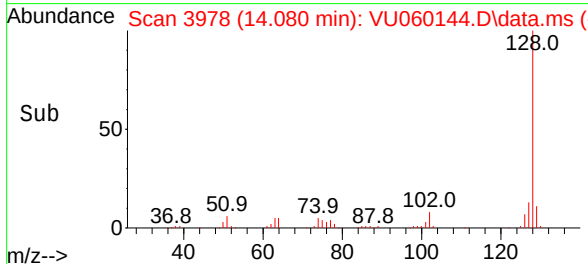
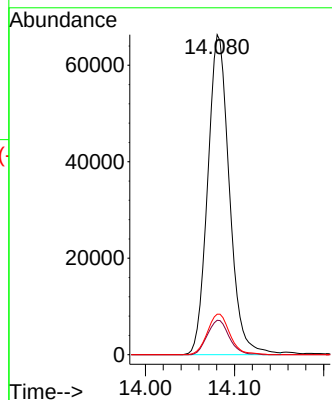
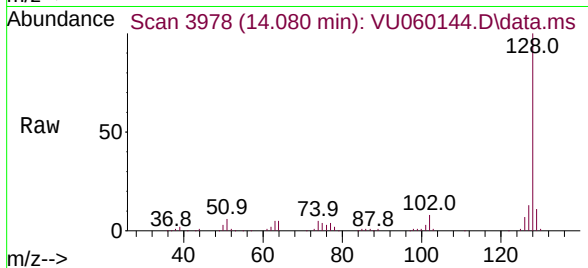
Tgt Ion:128 Resp: 111885

Ion Ratio Lower Upper

128 100

129 10.8 8.2 12.4

127 13.1 10.6 16.0



#72

1,2,3-Trichlorobenzene

Concen: 4.479 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. -0.003 min

Lab File: VU060144.D

Acq: 24 Jul 2024 04:25

Tgt Ion:180 Resp: 71383

Ion Ratio Lower Upper

180 100

182 97.2 76.3 114.5

145 30.3 23.9 35.9

