

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092324\
 Data File : VU060986.D
 Acq On : 23 Sep 2024 20:04
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 24 06:12:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 24 06:06:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	130137	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	135010	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	67486	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	52115	4.452	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.000%
7) Chloroethane-d5	1.911	69	40869	4.904	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.000%
11) 1,1-Dichloroethene-d2	2.560	65	17984	4.335	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.600%
20) 2-Butanone-d5	4.634	46	93459	49.737	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.480%
24) Chloroform-d	5.052	84	86087	4.811	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
26) 1,2-Dichloroethane-d4	5.692	65	40672	4.755	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
32) Benzene-d6	5.718	84	161018	4.450	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
36) 1,2-Dichloropropane-d6	6.682	67	51156	4.569	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.400%
41) Toluene-d8	7.891	98	150283	4.555	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
43) trans-1,3-Dichloroprop...	8.174	79	19355	4.803	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.000%
46) 2-Hexanone-d5	8.627	63	80589	50.693	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.380%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	43028	4.906	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	49621	4.376	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	48082	4.895	ug/L	97
3) Chloromethane	1.515	50	58596	5.647	ug/L	95
5) Vinyl chloride	1.599	62	60161	5.357	ug/L	97
6) Bromomethane	1.853	94	32631	4.546	ug/L	99
8) Chloroethane	1.930	64	37730	5.499	ug/L	100
9) Trichlorofluoromethane	2.132	101	85785	5.561	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	47018	5.245	ug/L	99
12) 1,1-Dichloroethene	2.573	96	43018	5.255	ug/L	89
13) Acetone	2.657	43	72131	57.538	ug/L	94
14) Carbon disulfide	2.785	76	109681	4.830	ug/L	99
15) Methyl Acetate	2.959	43	19552	6.397	ug/L	96
16) Methylene chloride	3.039	84	54953	5.797	ug/L	95
17) Methyl tert-butyl Ether	3.354	73	103330	5.585	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	42600	5.022	ug/L	97
19) 1,1-Dichloroethane	3.862	63	92813	5.450	ug/L	97
21) 2-Butanone	4.714	43	116816	57.243	ug/L	99
22) cis-1,2-Dichloroethene	4.657	96	50421	5.371	ug/L	97
23) Bromochloromethane	4.965	128	24412	5.506	ug/L	96
25) Chloroform	5.078	83	100457	5.657	ug/L	95

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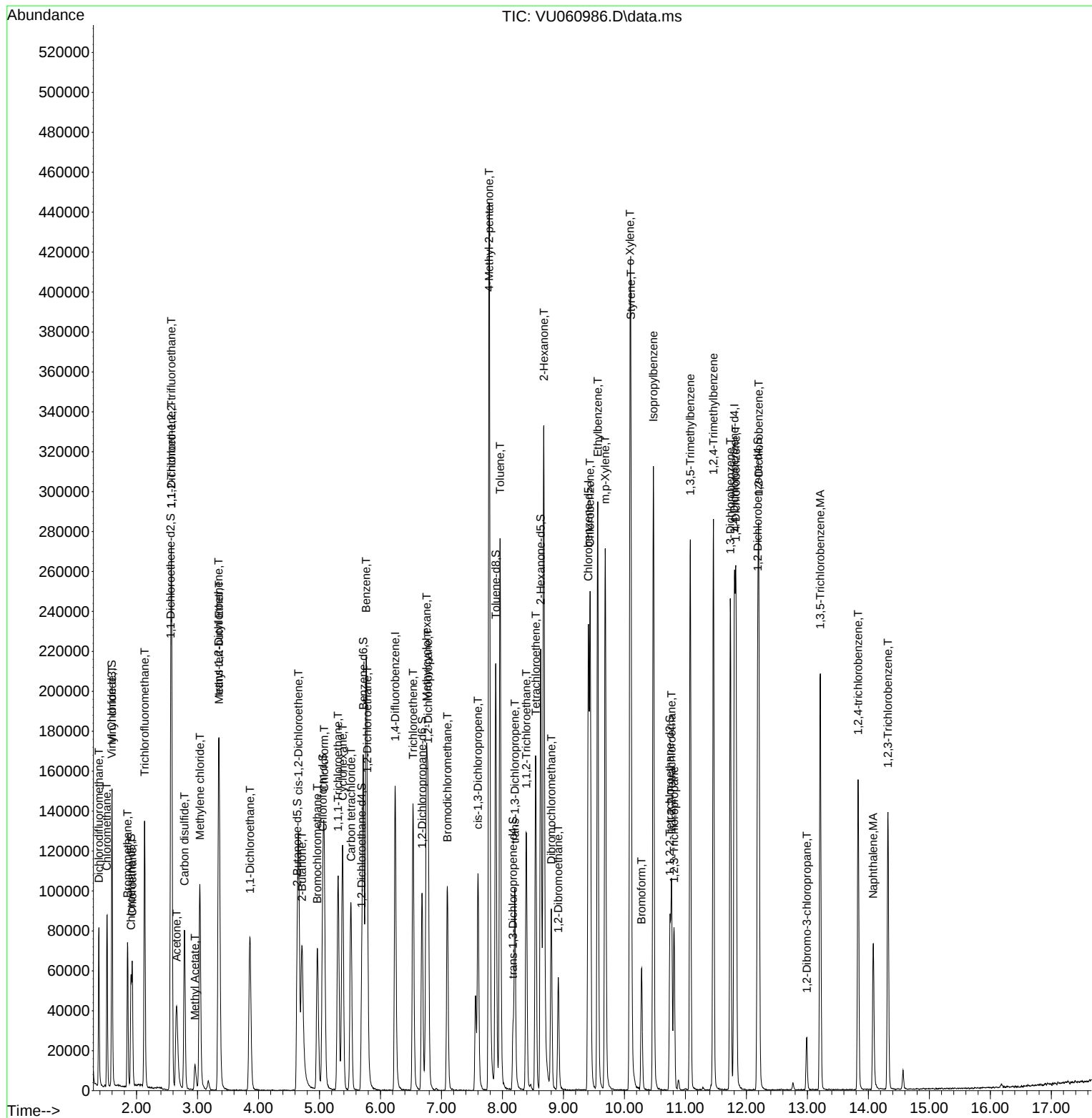
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	58436	5.679	ug/L	96
29) 1,1,1-Trichloroethane	5.306	97	79566	5.459	ug/L	99
30) Cyclohexane	5.380	56	55967	4.672	ug/L	99
31) Carbon tetrachloride	5.518	117	69796	5.409	ug/L	99
33) Benzene	5.766	78	197037	5.308	ug/L	100
34) Trichloroethene	6.534	95	51078	5.249	ug/L	95
35) Methylcyclohexane	6.756	83	61399	4.599	ug/L	98
37) 1,2-Dichloropropane	6.782	63	58444	5.713	ug/L #	96
38) Bromodichloromethane	7.097	83	70699	5.634	ug/L	97
39) cis-1,3-Dichloropropene	7.599	75	66582	4.894	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	283601	59.370	ug/L	100
42) Toluene	7.962	91	213157	5.492	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	62058	5.547	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	43895	5.944	ug/L	97
47) Tetrachloroethene	8.547	164	39553	5.114	ug/L	99
48) 2-Hexanone	8.679	43	211172	60.649	ug/L	99
49) Dibromochloromethane	8.801	129	46799	5.567	ug/L	98
50) 1,2-Dibromoethane	8.917	107	37738	5.726	ug/L #	95
51) Chlorobenzene	9.438	112	134749	5.170	ug/L	99
52) Ethylbenzene	9.563	91	207915	5.088	ug/L	99
53) m,p-Xylene	9.685	106	80183	5.175	ug/L	95
54) o-Xylene	10.094	106	76764	5.021	ug/L	98
55) Styrene	10.106	104	137520	5.336	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.772	83	53089	5.764	ug/L	95
59) Bromoform	10.280	173	29214	5.744	ug/L	99
60) Isopropylbenzene	10.476	105	204376	5.110	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	37814	6.007	ug/L	97
62) 1,3,5-Trimethylbenzene	11.081	105	151065	4.860	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	153074	4.984	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	104715	5.207	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	102152	4.914	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	99123	5.213	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.991	75	7051	5.737	ug/L	96
69) 1,3,5-Trichlorobenzene	13.212	180	70354	4.677	ug/L	96
70) 1,2,4-trichlorobenzene	13.833	180	51248	4.836	ug/L	97
71) Naphthalene	14.081	128	67774	4.849	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	45060	4.922	ug/L	98

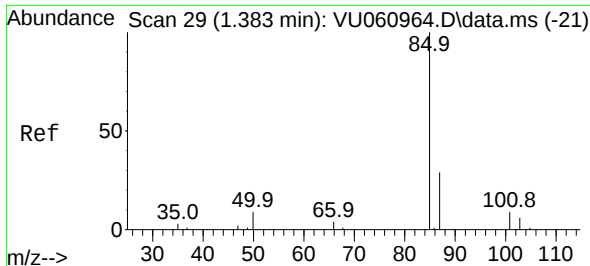
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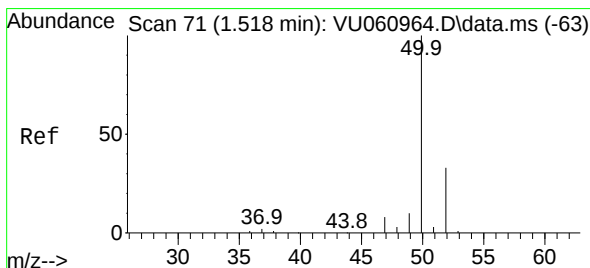
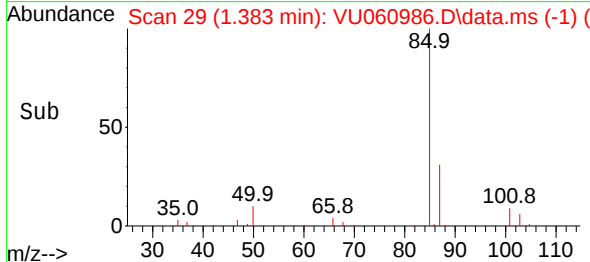
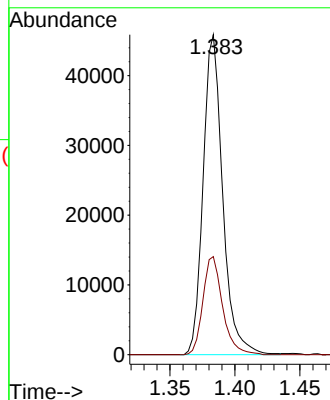
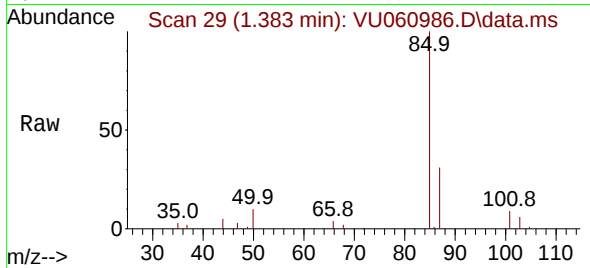




#2
Dichlorodifluoromethane
Concen: 4.895 ug/L
RT: 1.383 min Scan# 20
Delta R.T. -0.000 min
Lab File: VU060986.D
Acq: 23 Sep 2024 20:04

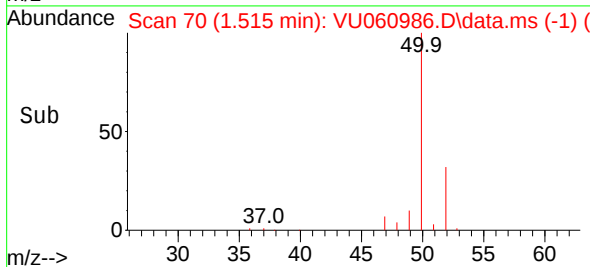
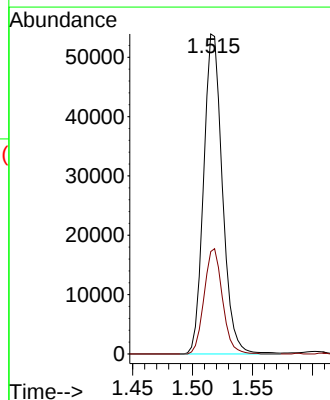
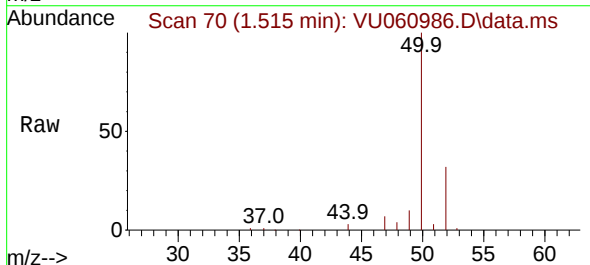
Instrument :
MSVOA_U
ClientSampleId :

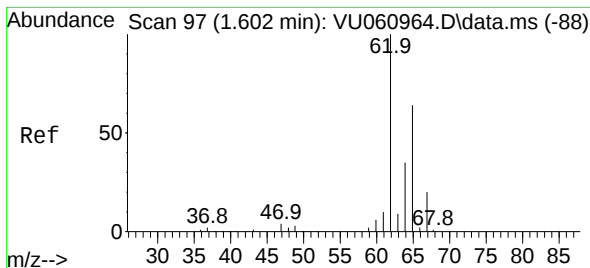
Tgt Ion: 85 Resp: 48082
Ion Ratio Lower Upper
85 100
87 30.8 26.2 39.2



#3
Chloromethane
Concen: 5.647 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU060986.D
Acq: 23 Sep 2024 20:04

Tgt Ion: 50 Resp: 58596
Ion Ratio Lower Upper
50 100
52 32.0 24.4 45.4





#5

Vinyl chloride

Concen: 5.357 ug/L

RT: 1.599 min Scan# 9

Delta R.T. -0.003 min

Lab File: VU060986.D

Acq: 23 Sep 2024 20:04

Instrument :

MSVOA_U

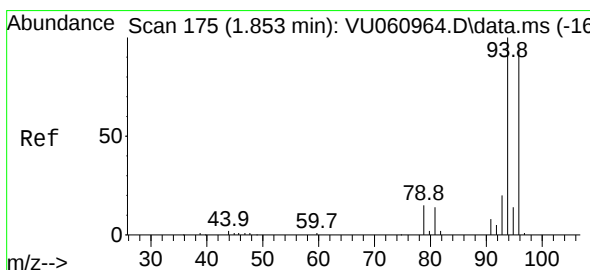
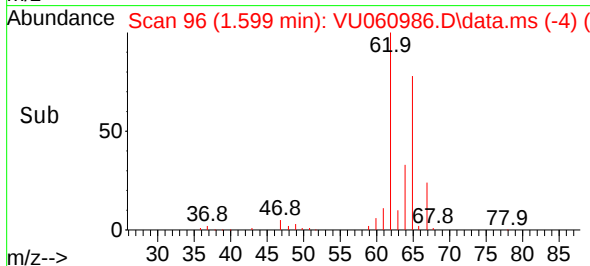
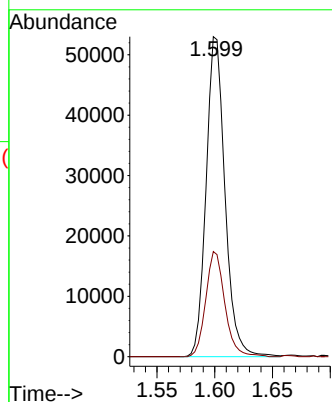
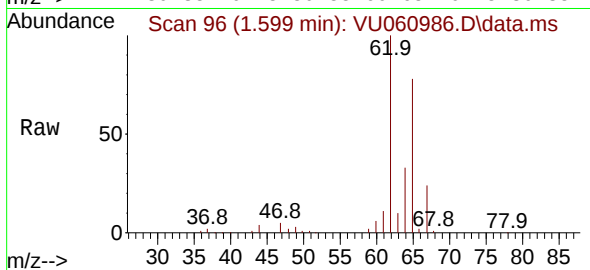
ClientSampleId :

Tgt Ion: 62 Resp: 60161

Ion Ratio Lower Upper

62 100

64 32.8 24.0 44.6



#6

Bromomethane

Concen: 4.546 ug/L

RT: 1.853 min Scan# 175

Delta R.T. -0.000 min

Lab File: VU060986.D

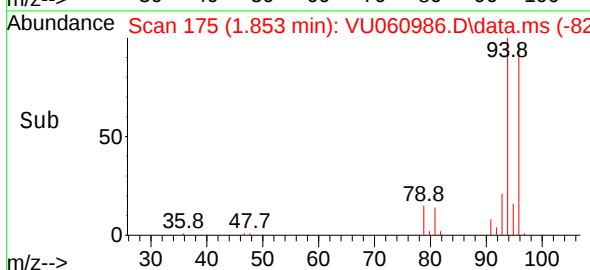
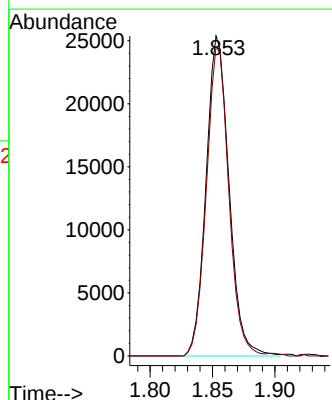
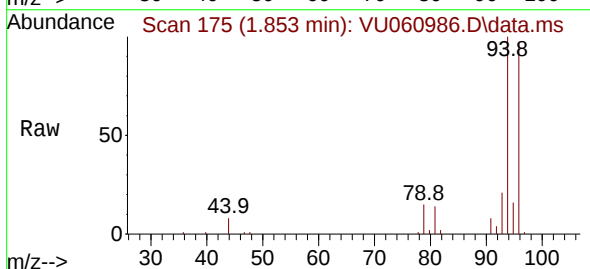
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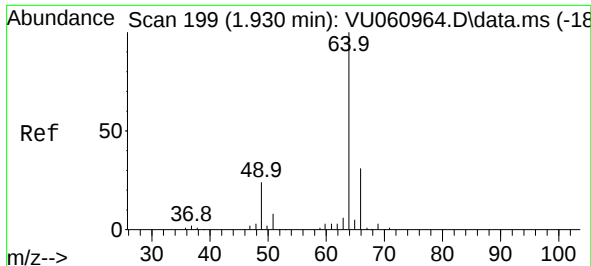
Tgt Ion: 94 Resp: 32631

Ion Ratio Lower Upper

94 100

96 96.7 67.3 124.9

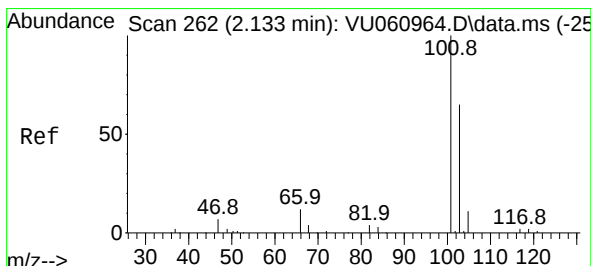
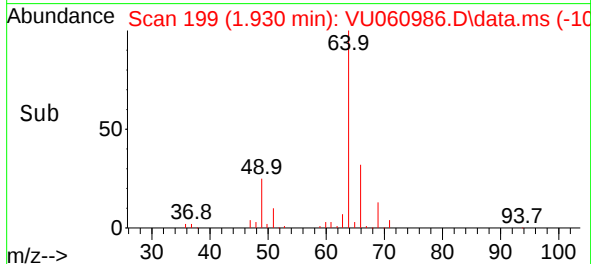
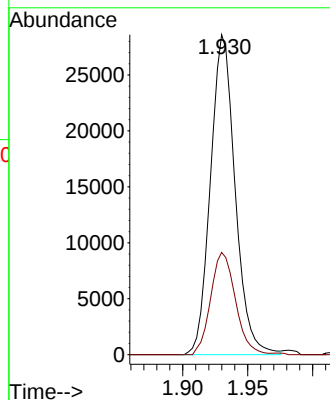
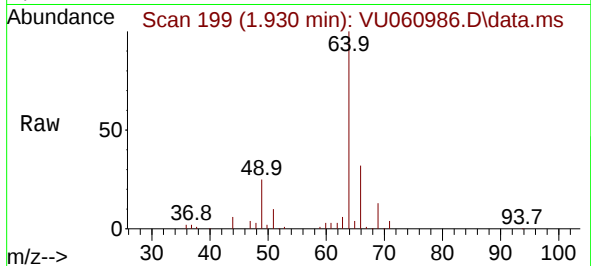




#8
Chloroethane
Concen: 5.499 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU060986.D
Acq: 23 Sep 2024 20:04

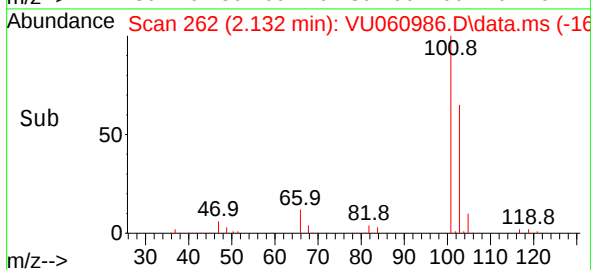
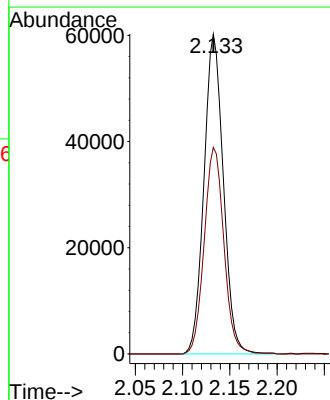
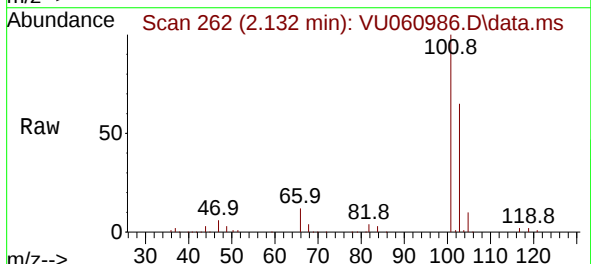
Instrument :
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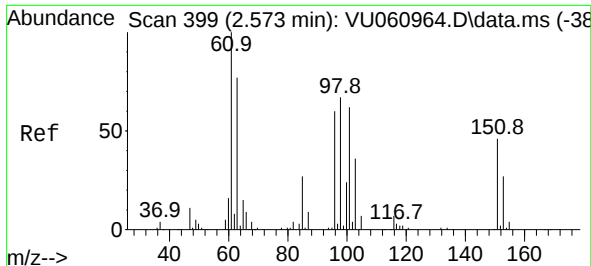
Tgt Ion: 64 Resp: 37730
Ion Ratio Lower Upper
64 100
66 32.0 22.3 41.3



#9
Trichlorofluoromethane
Concen: 5.561 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU060986.D
Acq: 23 Sep 2024 20:04

Tgt Ion:101 Resp: 85785
Ion Ratio Lower Upper
101 100
103 65.6 51.4 77.2

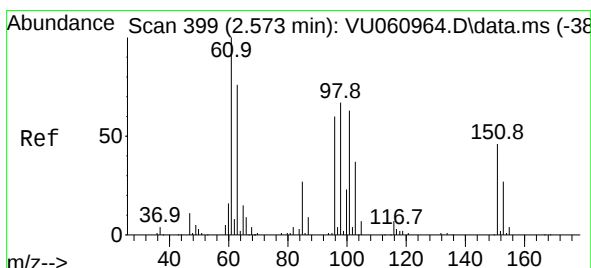
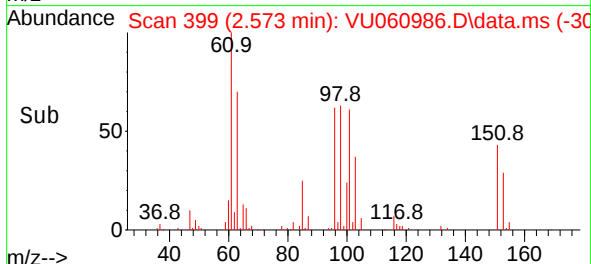
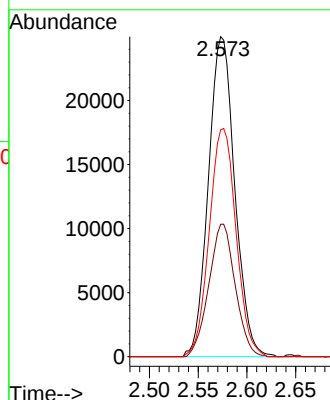
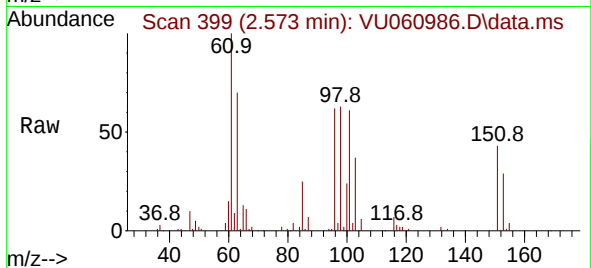




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.245 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU060986.D
Acq: 23 Sep 2024 20:04

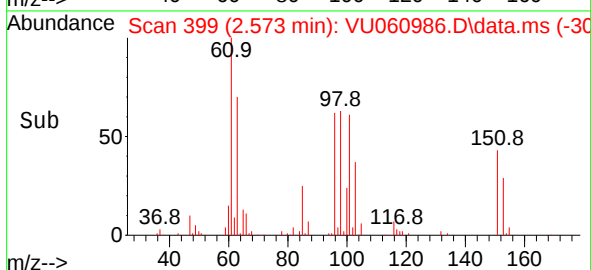
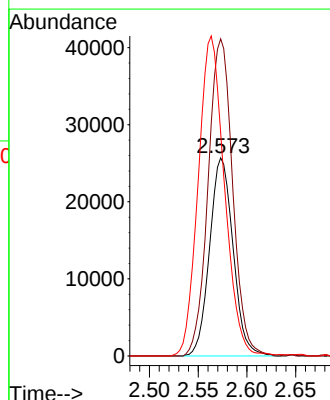
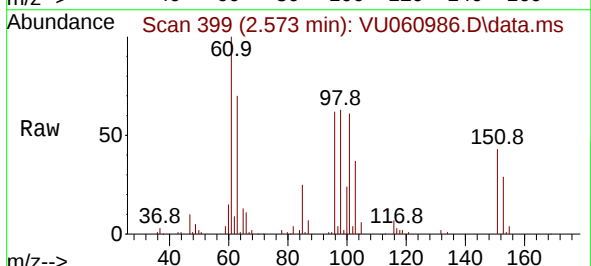
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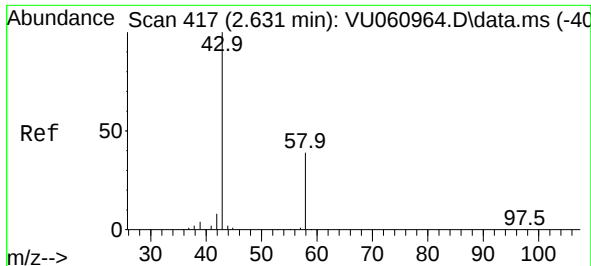
Tgt Ion:101 Resp: 47018
Ion Ratio Lower Upper
101 100
85 41.4 34.2 51.4
151 72.4 58.6 88.0



#12
1,1-Dichloroethene
Concen: 5.255 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU060986.D
Acq: 23 Sep 2024 20:04

Tgt Ion: 96 Resp: 43018
Ion Ratio Lower Upper
96 100
61 160.1 120.7 224.1
63 112.7 90.0 167.2





#13

Acetone

Concen: 57.538 ug/L

RT: 2.657 min Scan# 41

Delta R.T. 0.026 min

Lab File: VU060986.D

Acq: 23 Sep 2024 20:04

Instrument :

MSVOA_U

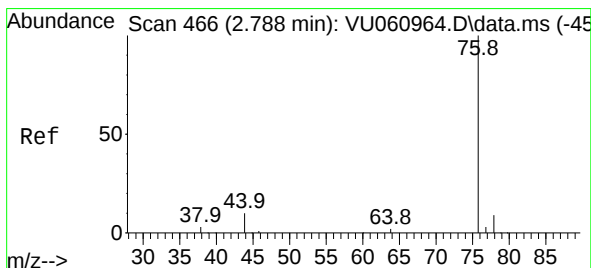
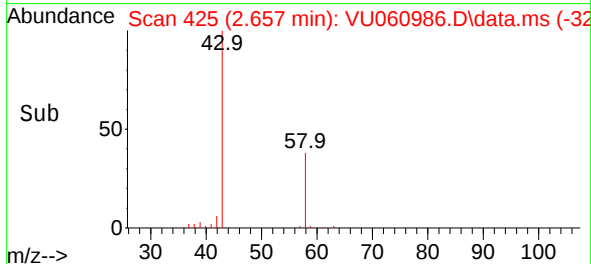
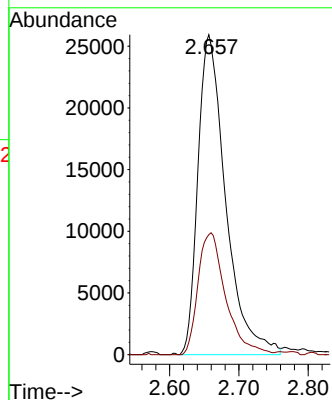
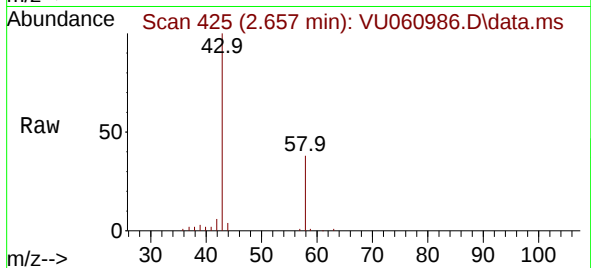
ClientSampleId :

Tgt Ion: 43 Resp: 72131

Ion Ratio Lower Upper

43 100

58 38.0 0.0 69.6



#14

Carbon disulfide

Concen: 4.830 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

Lab File: VU060986.D

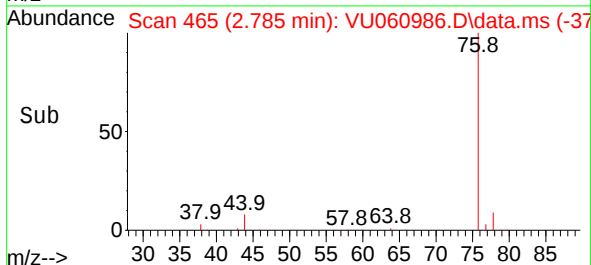
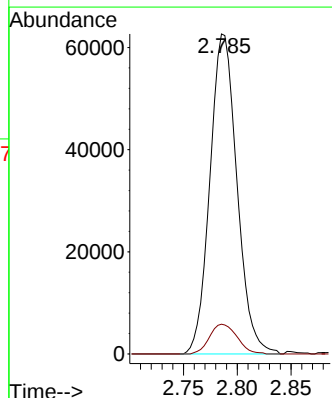
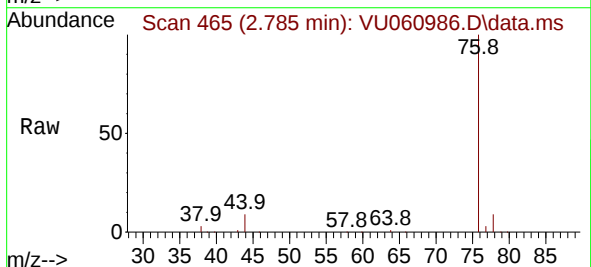
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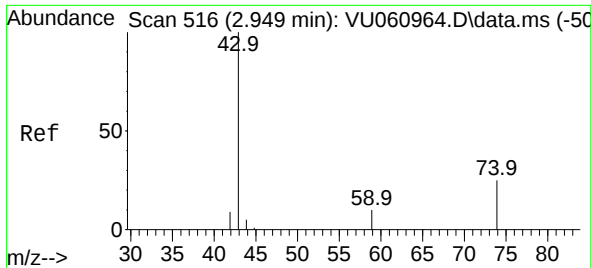
Tgt Ion: 76 Resp: 109681

Ion Ratio Lower Upper

76 100

78 9.3 7.1 10.7





#15

Methyl Acetate

Concen: 6.397 ug/L

RT: 2.959 min Scan# 516

Delta R.T. 0.010 min

Lab File: VU060986.D

Acq: 23 Sep 2024 20:04

Instrument :

MSVOA_U

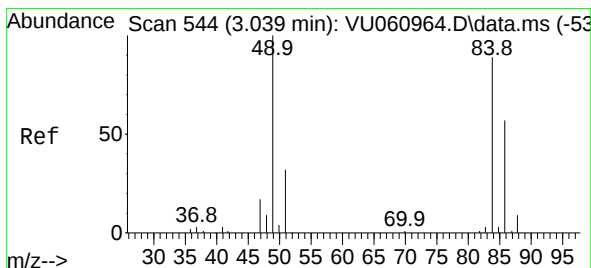
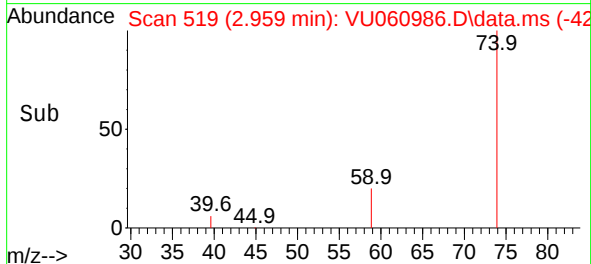
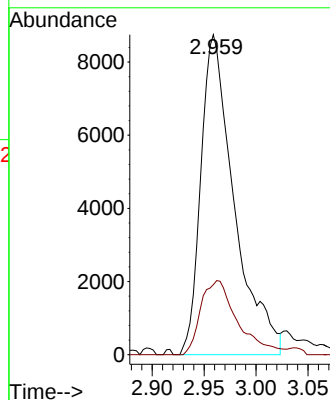
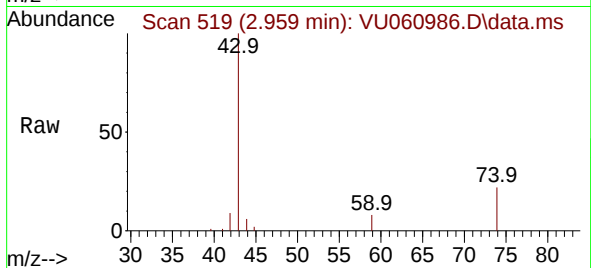
ClientSampleId :

Tgt Ion: 43 Resp: 19552

Ion Ratio Lower Upper

43 100

74 25.7 18.9 28.3



#16

Methylene chloride

Concen: 5.797 ug/L

RT: 3.039 min Scan# 544

Delta R.T. -0.000 min

Lab File: VU060986.D

Acq: 23 Sep 2024 20:04

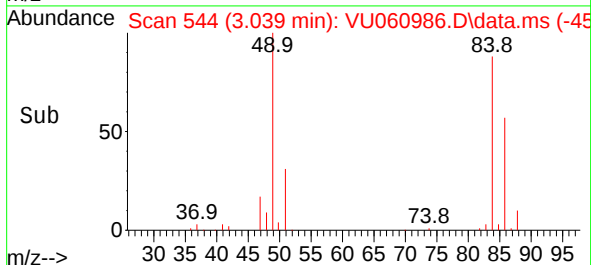
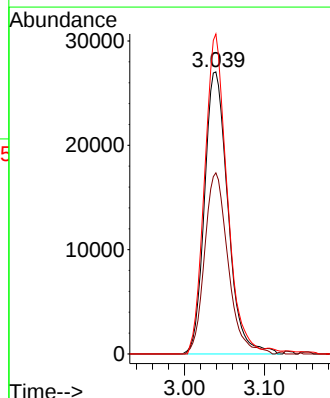
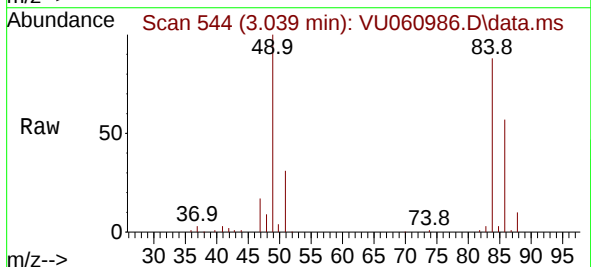
Tgt Ion: 84 Resp: 54953

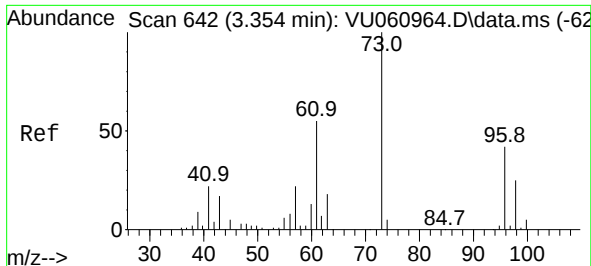
Ion Ratio Lower Upper

84 100

86 64.2 47.3 87.8

49 118.1 78.7 146.1

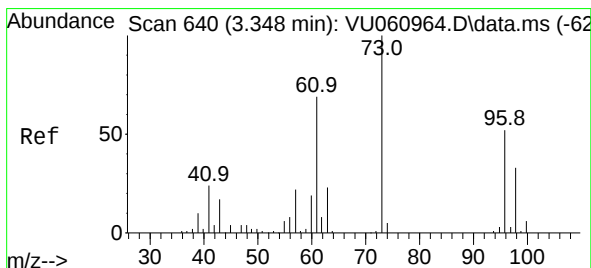
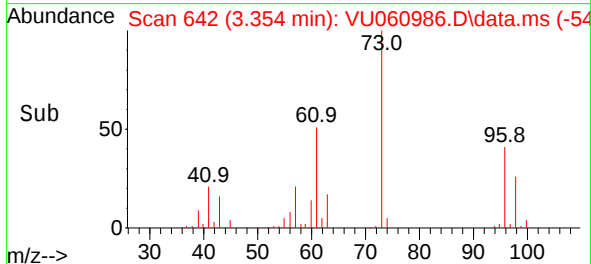
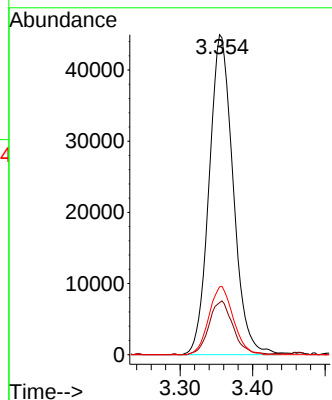
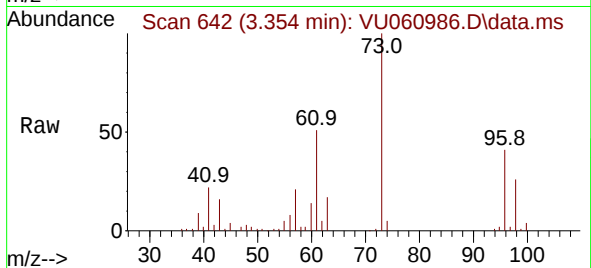




#17
Methyl tert-butyl Ether
Concen: 5.585 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU060986.D
Acq: 23 Sep 2024 20:04

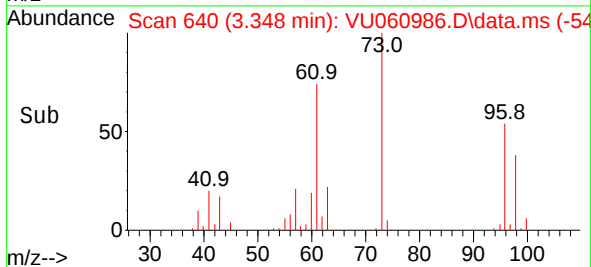
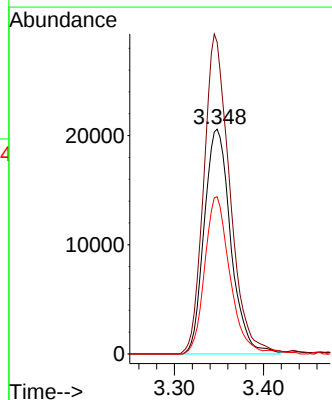
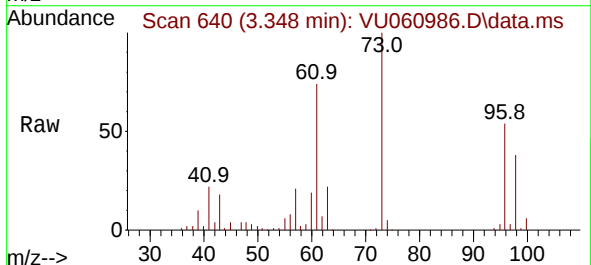
Instrument :
MSVOA_U
ClientSampleId :

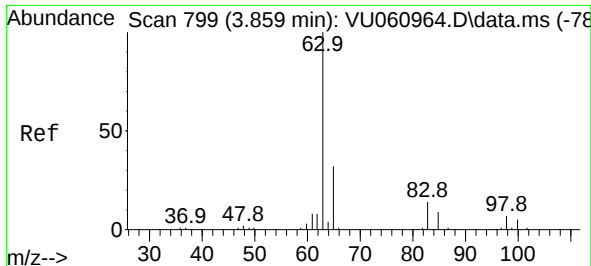
Tgt Ion: 73 Resp: 103330
Ion Ratio Lower Upper
73 100
43 16.9 13.8 20.8
57 21.7 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 5.022 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU060986.D
Acq: 23 Sep 2024 20:04

Tgt Ion: 96 Resp: 42600
Ion Ratio Lower Upper
96 100
61 138.6 97.2 180.6
98 69.9 43.3 80.5

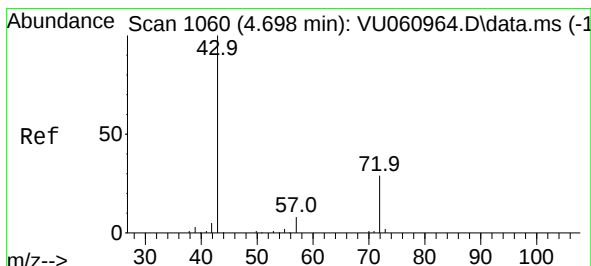
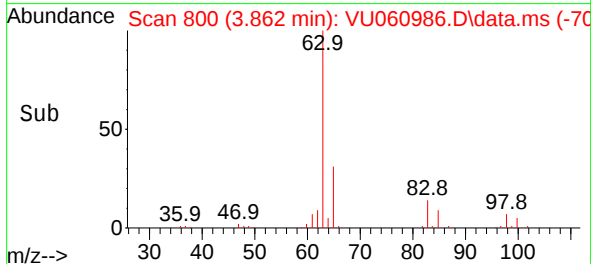
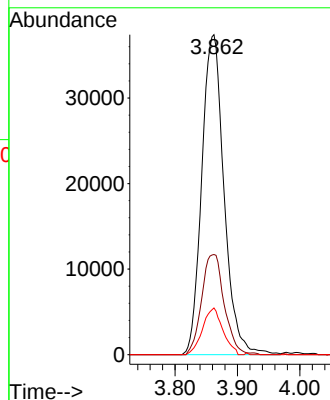
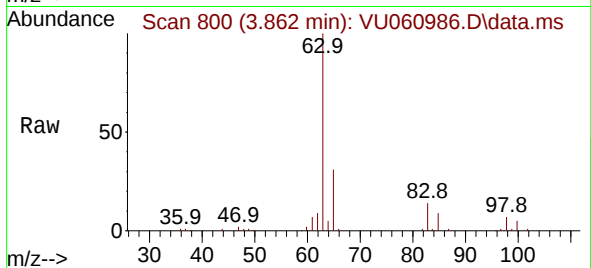




#19
1,1-Dichloroethane
Concen: 5.450 ug/L
RT: 3.862 min Scan# 80
Delta R.T. 0.003 min
Lab File: VU060986.D
Acq: 23 Sep 2024 20:04

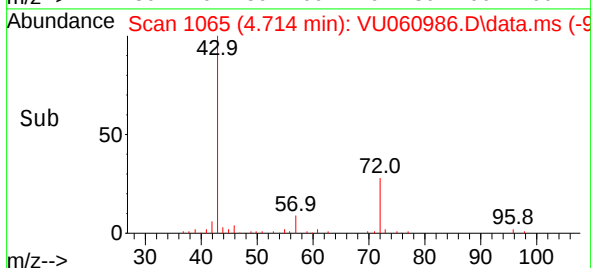
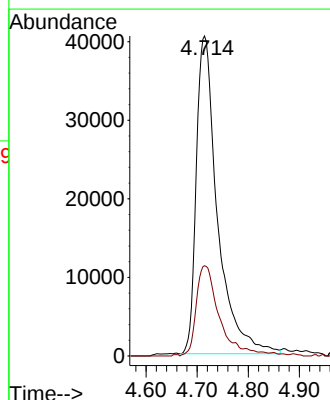
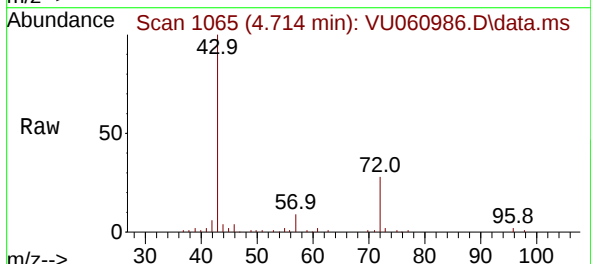
Instrument :
MSVOA_U
ClientSampleId :

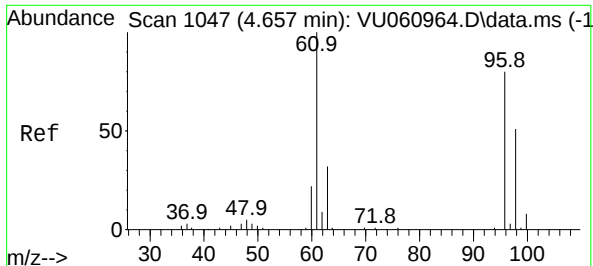
Tgt Ion: 63 Resp: 92813
Ion Ratio Lower Upper
63 100
65 31.3 23.0 42.8
83 14.6 9.0 16.6



#21
2-Butanone
Concen: 57.243 ug/L
RT: 4.714 min Scan# 1065
Delta R.T. 0.016 min
Lab File: VU060986.D
Acq: 23 Sep 2024 20:04

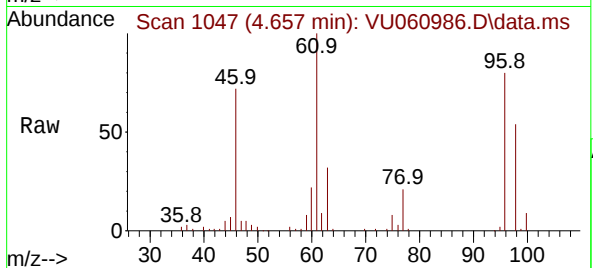
Tgt Ion: 43 Resp: 116816
Ion Ratio Lower Upper
43 100
72 29.1 14.8 44.3





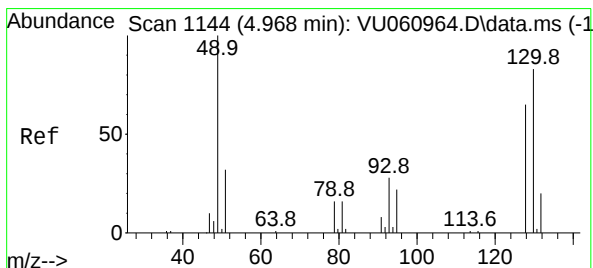
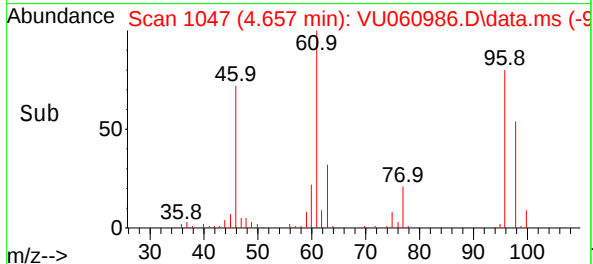
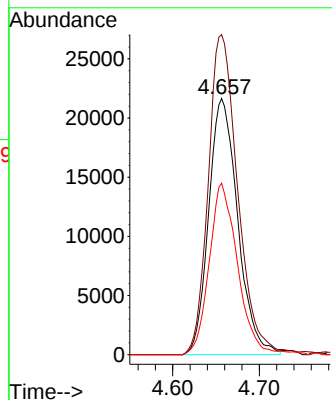
#22
cis-1,2-Dichloroethene
Concen: 5.371 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. -0.000 min
Lab File: VU060986.D
Acq: 23 Sep 2024 20:04

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 96 Resp: 50421

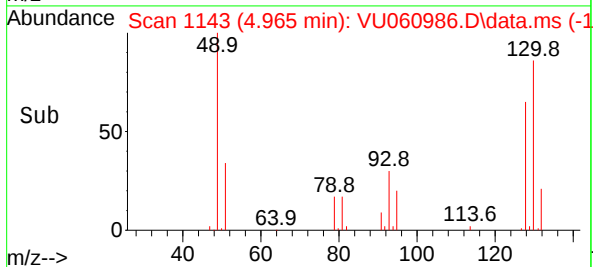
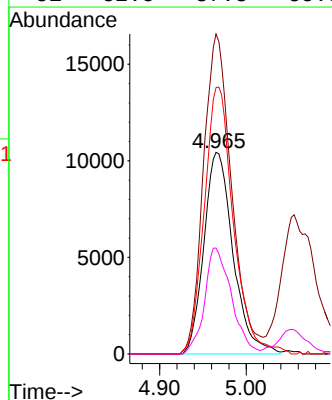
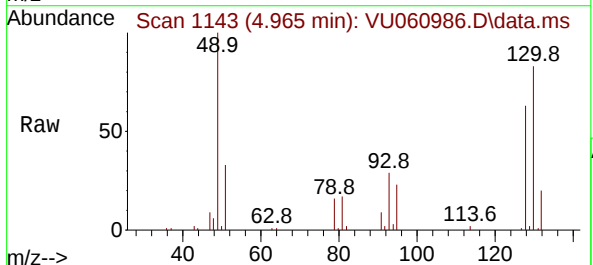
Ion	Ratio	Lower	Upper
96	100		
61	124.9	89.7	166.5
98	66.9	45.1	83.9

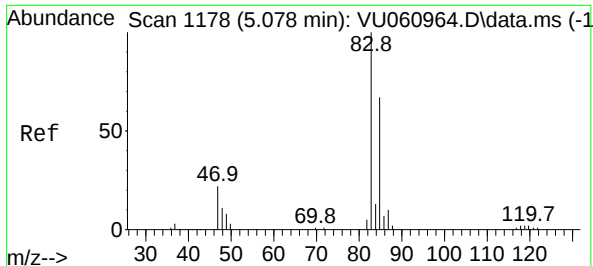


#23
Bromochloromethane
Concen: 5.506 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. -0.003 min
Lab File: VU060986.D
Acq: 23 Sep 2024 20:04

Tgt Ion: 128 Resp: 24412

Ion	Ratio	Lower	Upper
128	100		
49	158.8	109.6	203.6
130	132.1	87.8	163.0
51	52.5	37.3	55.9





#25

Chloroform

Concen: 5.657 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU060986.D

Acq: 23 Sep 2024 20:04

Instrument :

MSVOA_U

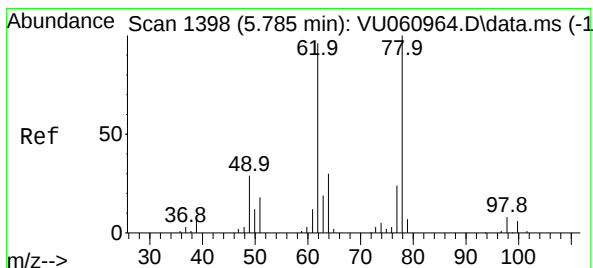
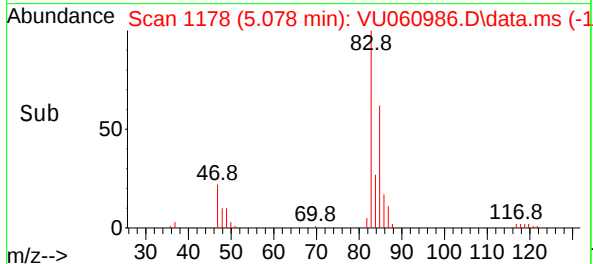
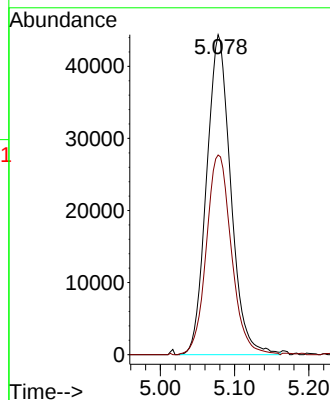
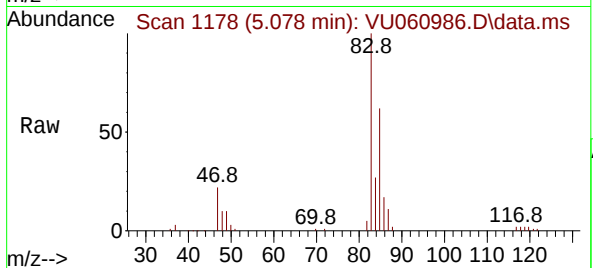
ClientSampleId :

Tgt Ion: 83 Resp: 100457

Ion Ratio Lower Upper

83 100

85 62.4 46.8 86.8



#27

1,2-Dichloroethane

Concen: 5.679 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VU060986.D

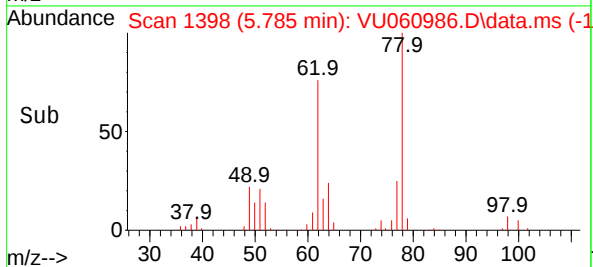
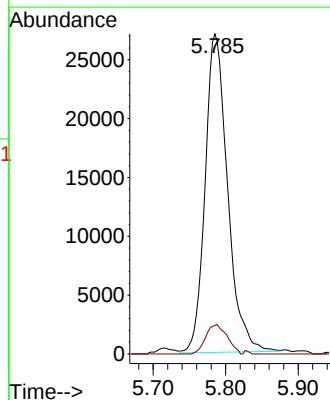
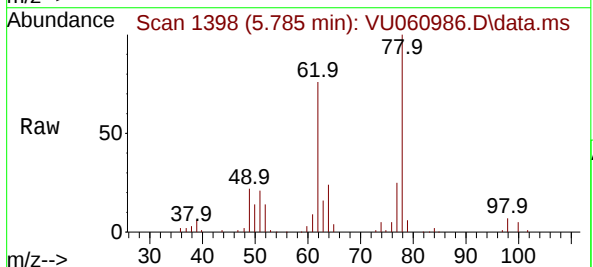
Acq: 23 Sep 2024 20:04

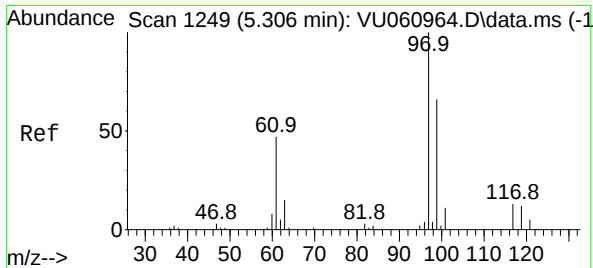
Tgt Ion: 62 Resp: 58436

Ion Ratio Lower Upper

62 100

98 8.9 8.2 12.4

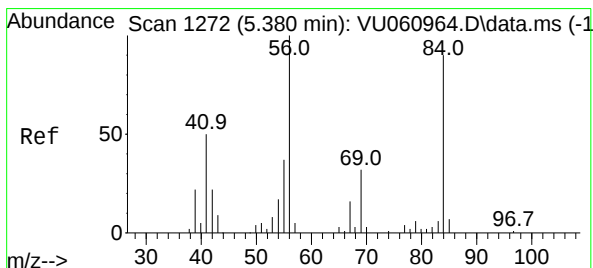
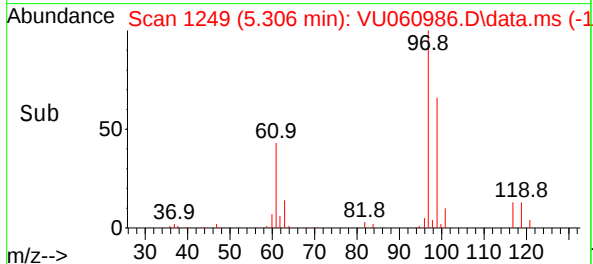
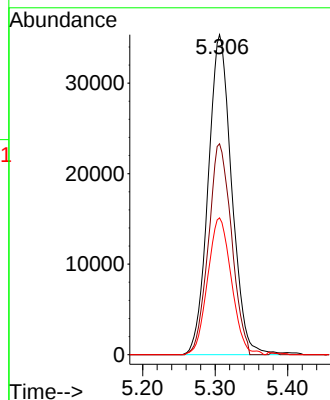
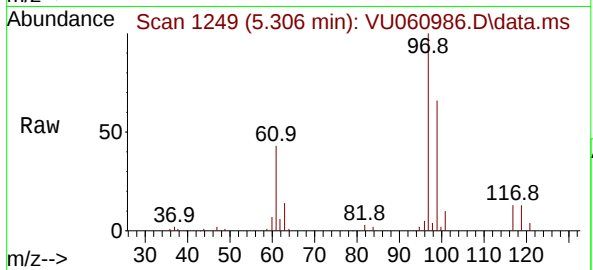




#29
1,1,1-Trichloroethane
Concen: 5.459 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU060986.D
Acq: 23 Sep 2024 20:04

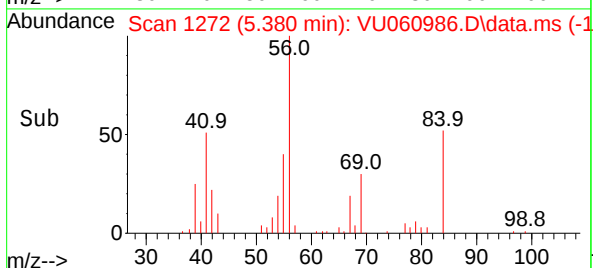
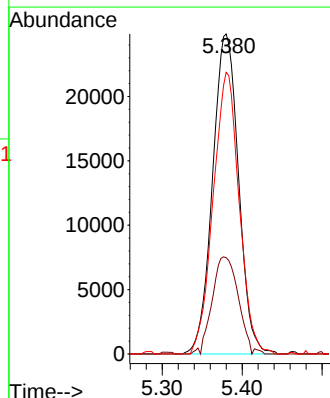
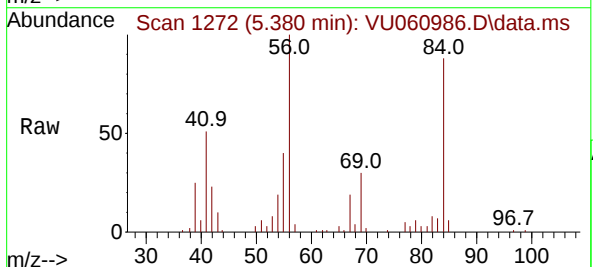
Instrument :
MSVOA_U
ClientSampleId :

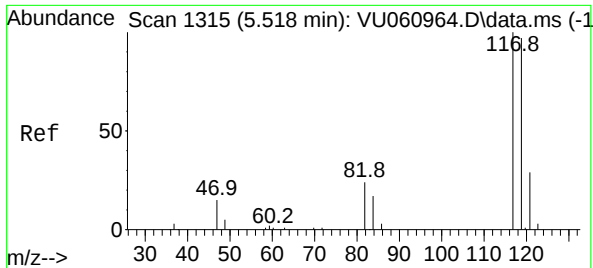
Tgt Ion: 97	Resp: 79566
Ion Ratio	Lower Upper
97 100	
99 64.8	50.5 75.7
61 43.2	34.4 51.6



#30
Cyclohexane
Concen: 4.672 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VU060986.D
Acq: 23 Sep 2024 20:04

Tgt Ion: 56	Resp: 55967
Ion Ratio	Lower Upper
56 100	
69 30.4	25.4 38.0
84 87.9	71.0 106.6

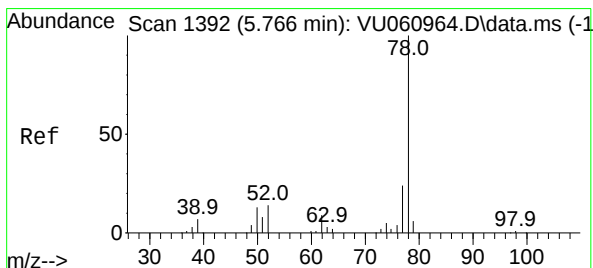
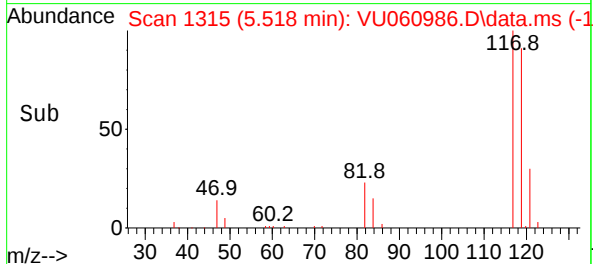
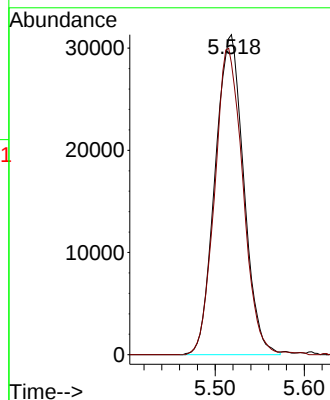
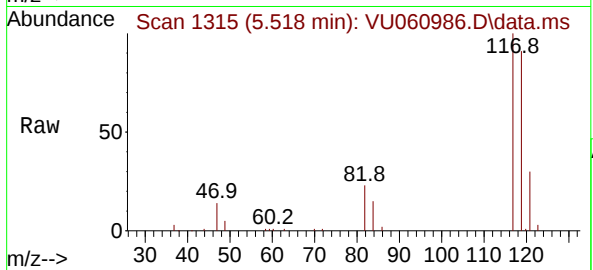




#31
Carbon tetrachloride
Concen: 5.409 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VU060986.D
Acq: 23 Sep 2024 20:04

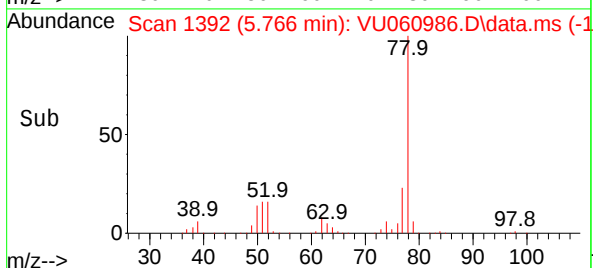
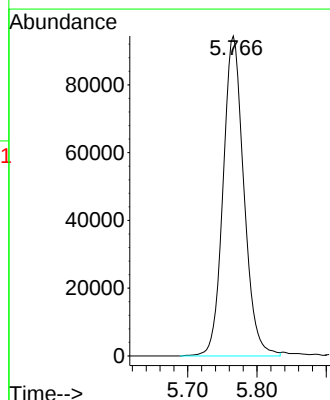
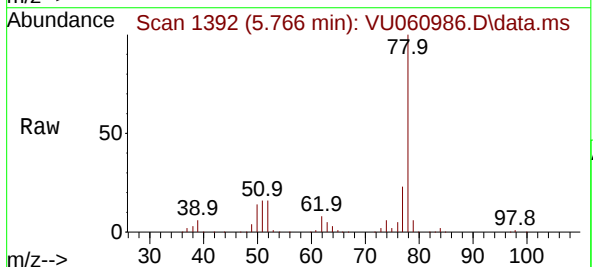
Instrument :
MSVOA_U
ClientSampleId :

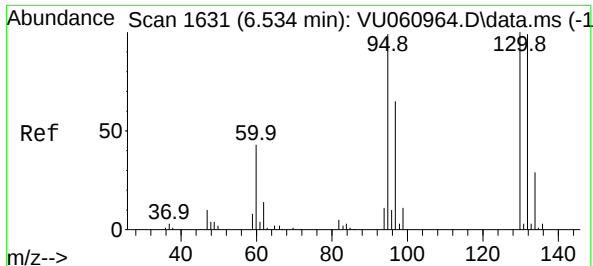
Tgt Ion:117 Resp: 69796
Ion Ratio Lower Upper
117 100
119 94.9 76.3 114.5



#33
Benzene
Concen: 5.308 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU060986.D
Acq: 23 Sep 2024 20:04

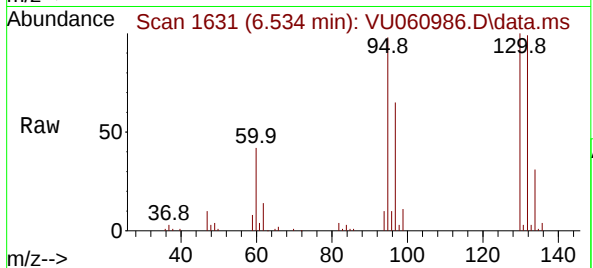
Tgt Ion: 78 Resp: 197037





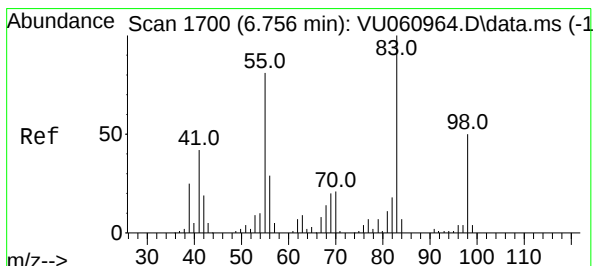
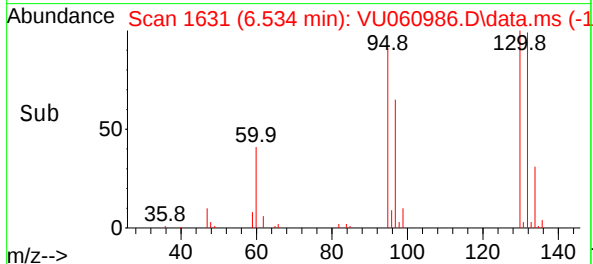
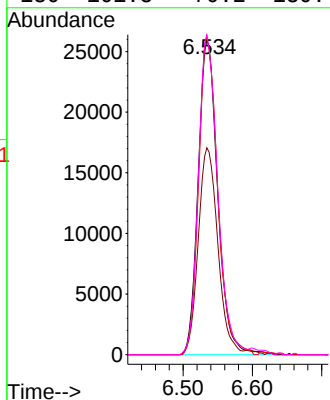
#34
Trichloroethene
Concen: 5.249 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU060986.D
Acq: 23 Sep 2024 20:04

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 51078

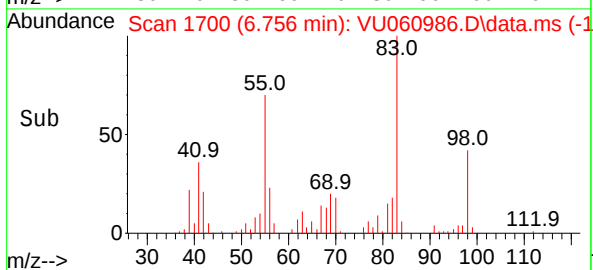
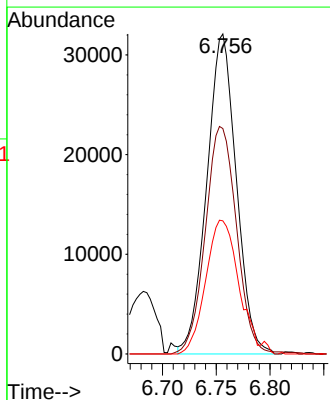
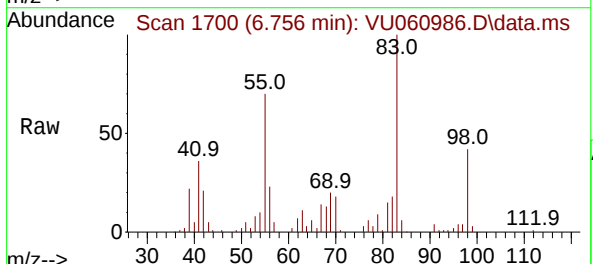
Ion	Ratio	Lower	Upper
95	100		
97	65.8	44.9	83.5
132	101.1	63.5	117.9
130	101.8	70.2	130.4

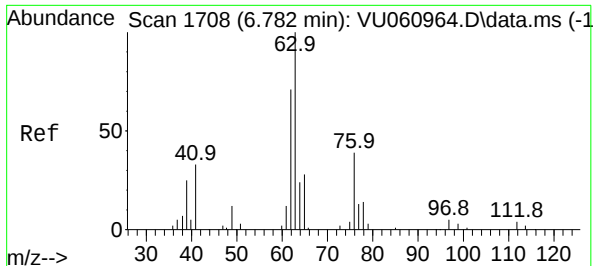


#35
Methylcyclohexane
Concen: 4.599 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU060986.D
Acq: 23 Sep 2024 20:04

Tgt Ion: 83 Resp: 61399

Ion	Ratio	Lower	Upper
83	100		
55	75.3	62.6	94.0
98	47.1	37.6	56.4

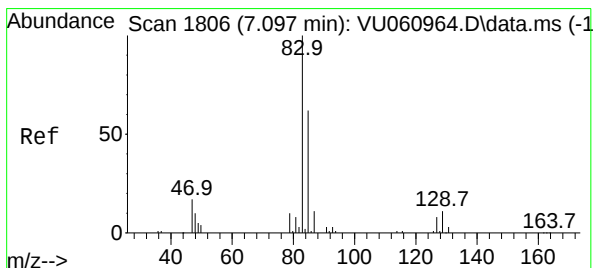
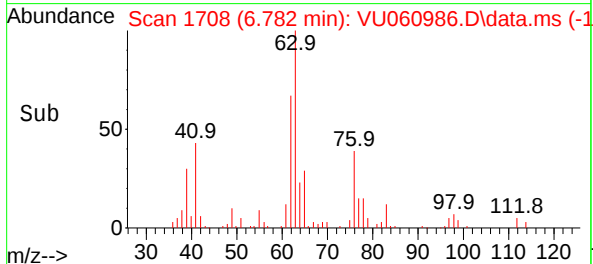
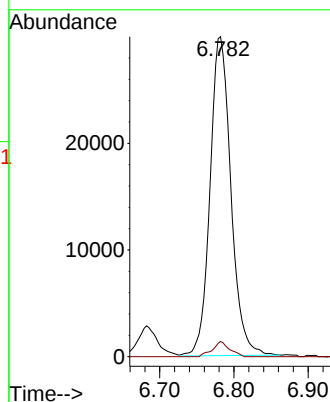
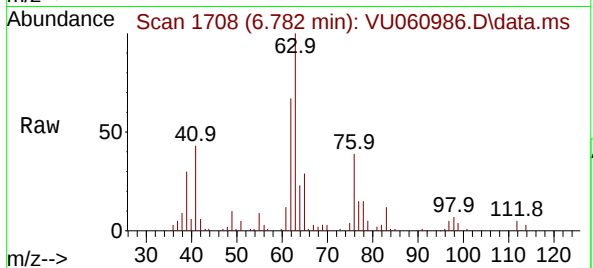




#37
1,2-Dichloropropane
Concen: 5.713 ug/L
RT: 6.782 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU060986.D
Acq: 23 Sep 2024 20:04

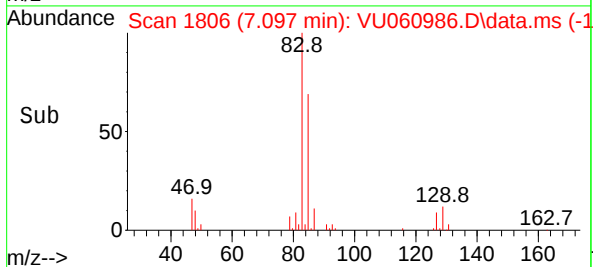
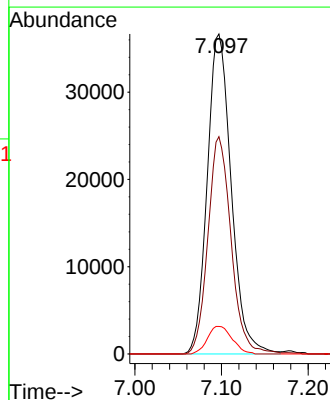
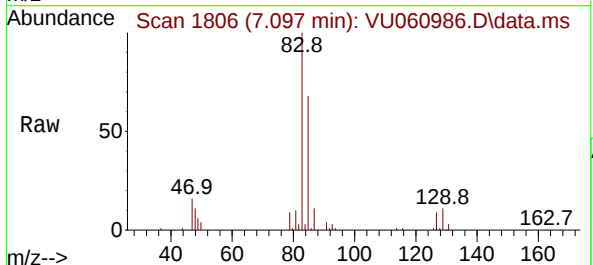
Instrument :
MSVOA_U
ClientSampleId :

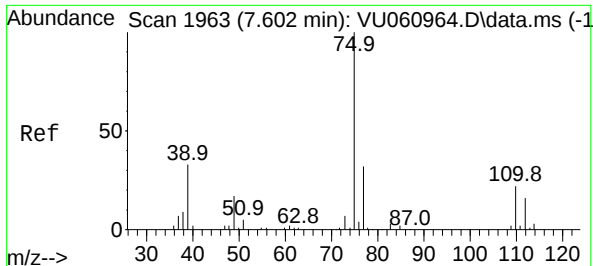
Tgt Ion: 63 Resp: 58444
Ion Ratio Lower Upper
63 100
112 3.9 2.0 3.0#



#38
Bromodichloromethane
Concen: 5.634 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU060986.D
Acq: 23 Sep 2024 20:04

Tgt Ion: 83 Resp: 70699
Ion Ratio Lower Upper
83 100
85 67.9 45.6 84.8
127 8.6 7.0 10.6

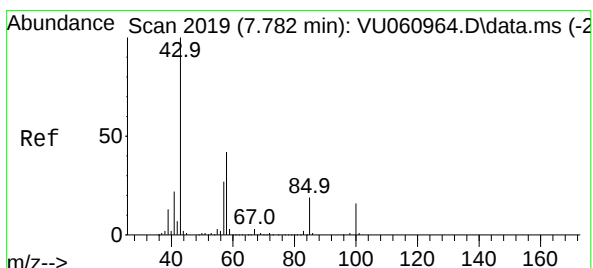
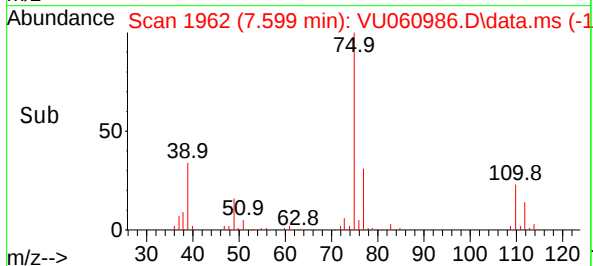
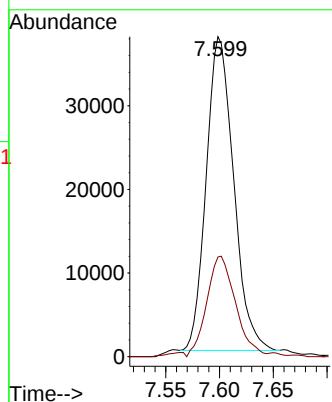
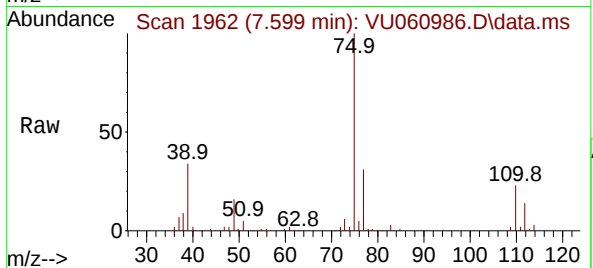




#39
 cis-1,3-Dichloropropene
 Concen: 4.894 ug/L
 RT: 7.599 min Scan# 1962
 Delta R.T. -0.003 min
 Lab File: VU060986.D
 Acq: 23 Sep 2024 20:04

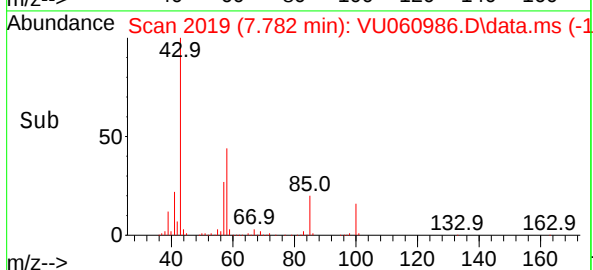
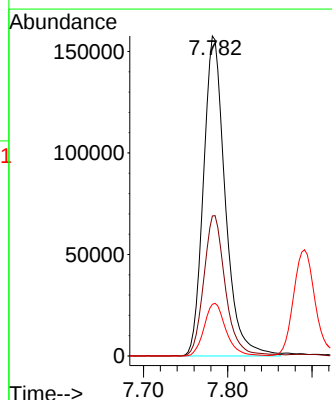
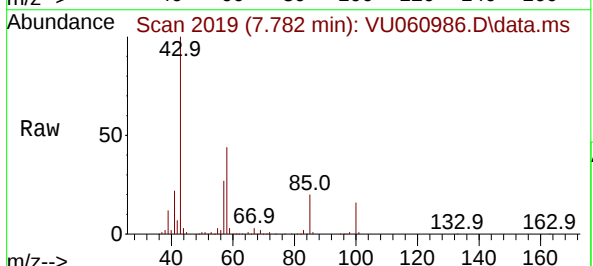
Instrument :
 MSVOA_U
 ClientSampleId :

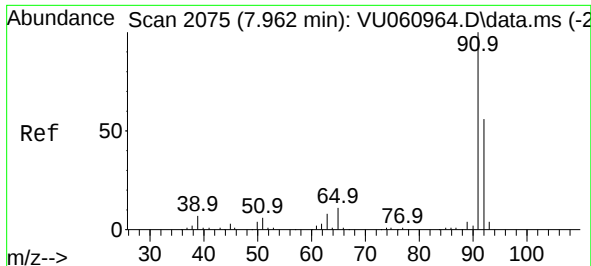
Tgt Ion: 75 Resp: 66582
 Ion Ratio Lower Upper
 75 100
 77 31.2 21.3 39.5



#40
 4-Methyl-2-pentanone
 Concen: 59.370 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VU060986.D
 Acq: 23 Sep 2024 20:04

Tgt Ion: 43 Resp: 283601
 Ion Ratio Lower Upper
 43 100
 58 43.8 34.9 52.3
 100 16.4 13.4 20.0





#42

Toluene

Concen: 5.492 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU060986.D

Acq: 23 Sep 2024 20:04

Instrument :

MSVOA_U

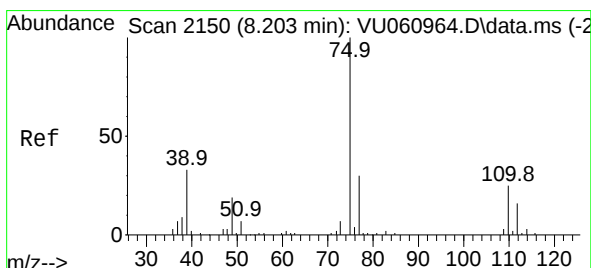
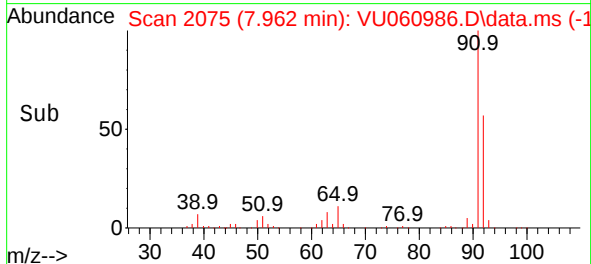
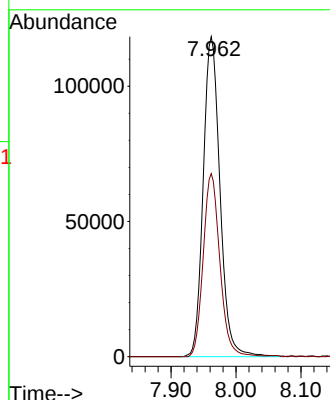
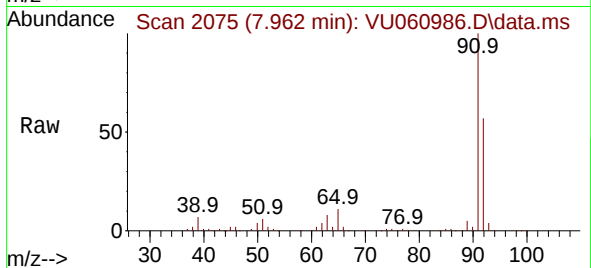
ClientSampleId :

Tgt Ion: 91 Resp: 213157

Ion Ratio Lower Upper

91 100

92 57.2 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 5.547 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU060986.D

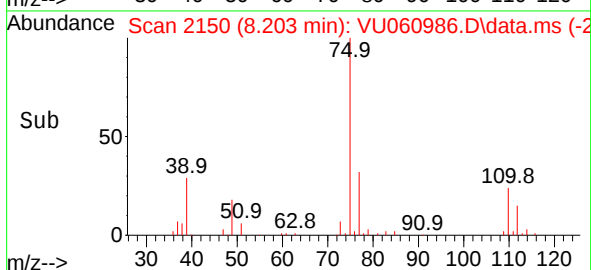
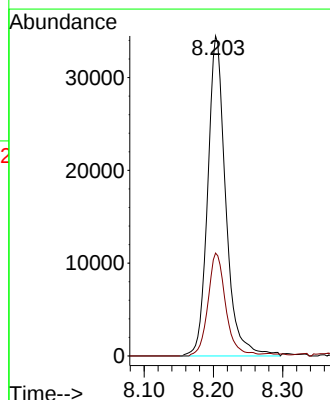
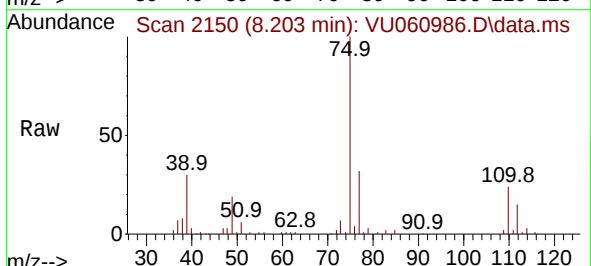
Acq: 23 Sep 2024 20:04

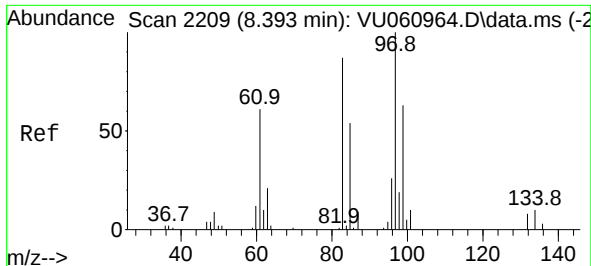
Tgt Ion: 75 Resp: 62058

Ion Ratio Lower Upper

75 100

77 32.1 23.1 42.9





#45

1,1,2-Trichloroethane

Concen: 5.944 ug/L

RT: 8.393 min Scan# 2209

Delta R.T. -0.000 min

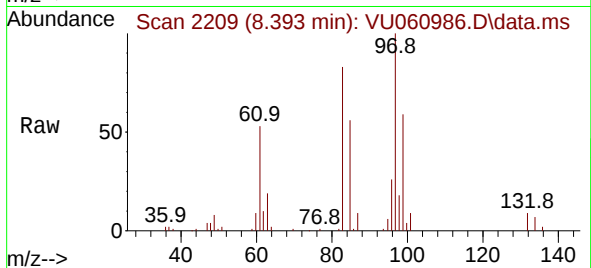
Lab File: VU060986.D

Acq: 23 Sep 2024 20:04

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 97 Resp: 43895

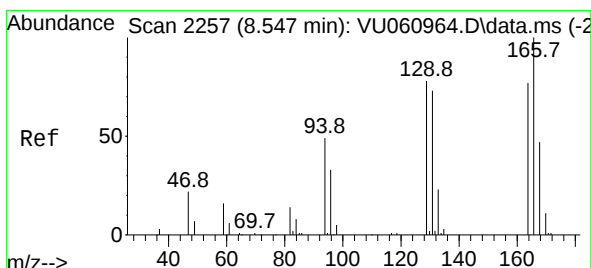
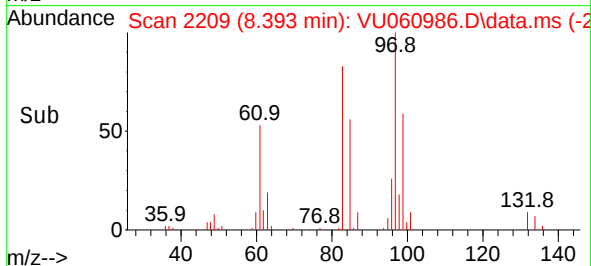
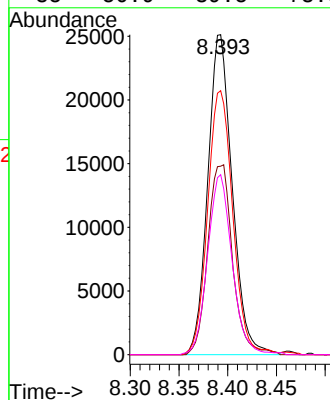
Ion Ratio Lower Upper

97 100

99 58.9 42.3 78.5

83 82.5 61.7 114.5

85 56.9 39.5 73.3



#47

Tetrachloroethene

Concen: 5.114 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

Lab File: VU060986.D

Acq: 23 Sep 2024 20:04

Tgt Ion:164 Resp: 39553

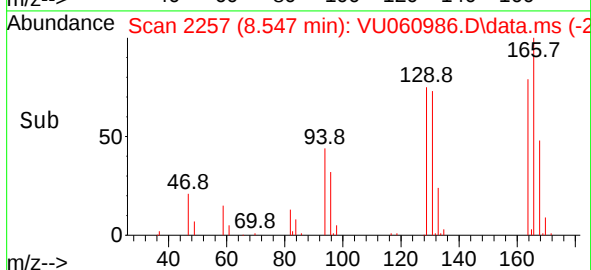
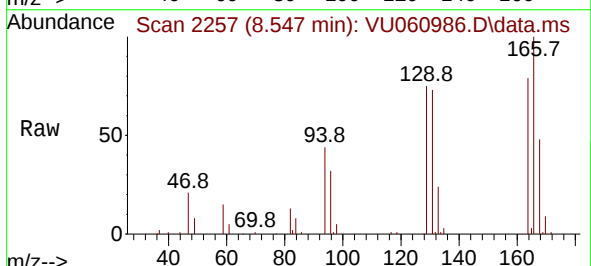
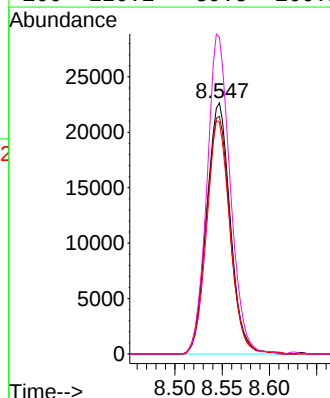
Ion Ratio Lower Upper

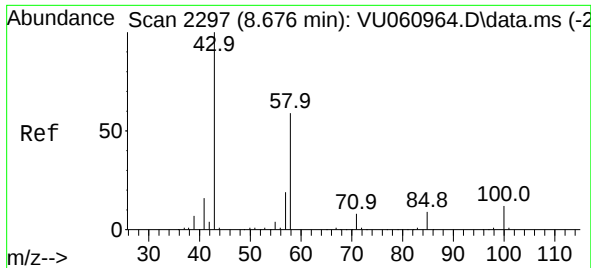
164 100

129 94.6 67.3 124.9

131 92.3 65.4 121.4

166 126.2 89.5 166.1



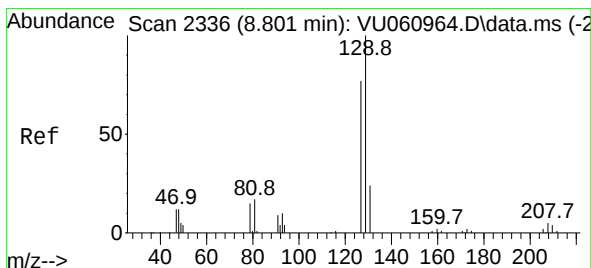
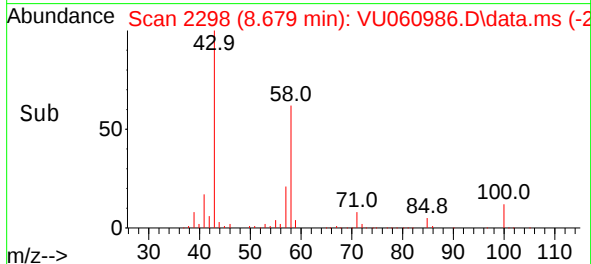
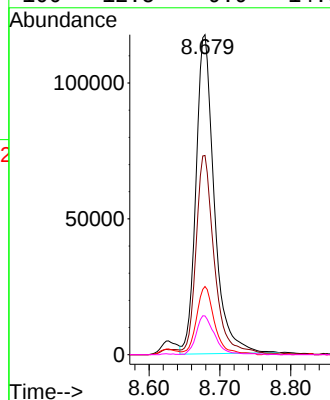
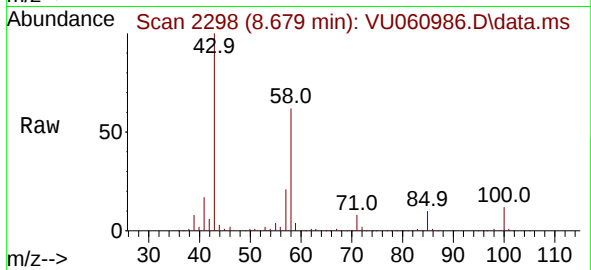


#48
2-Hexanone
Concen: 60.649 ug/L
RT: 8.679 min Scan# 211172
Delta R.T. 0.003 min
Lab File: VU060986.D
Acq: 23 Sep 2024 20:04

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 211172

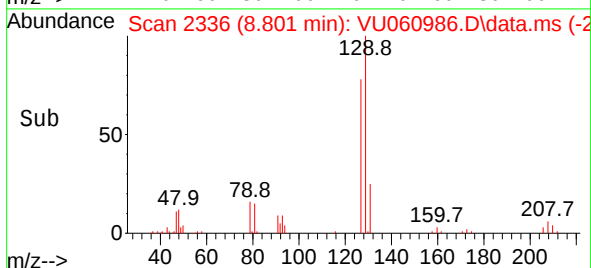
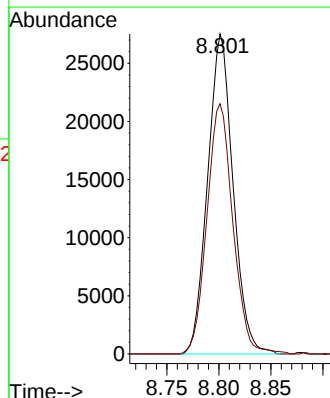
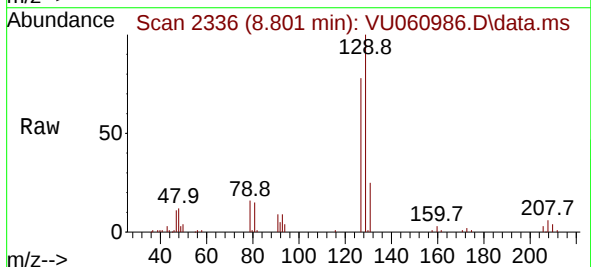
Ion	Ratio	Lower	Upper
43	100		
58	60.8	48.3	72.5
57	21.1	15.9	23.9
100	12.5	9.9	14.9

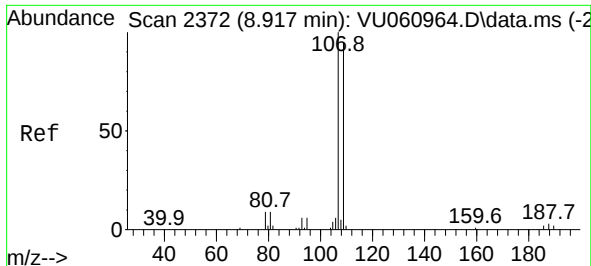


#49
Dibromochloromethane
Concen: 5.567 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU060986.D
Acq: 23 Sep 2024 20:04

Tgt Ion: 129 Resp: 46799

Ion	Ratio	Lower	Upper
129	100		
127	78.2	56.1	104.1

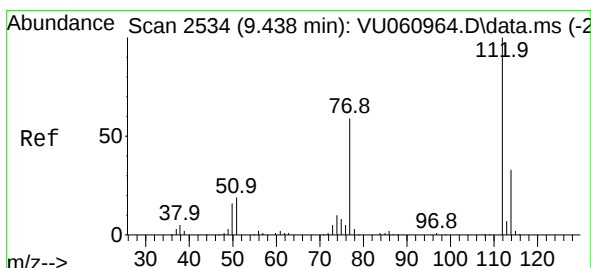
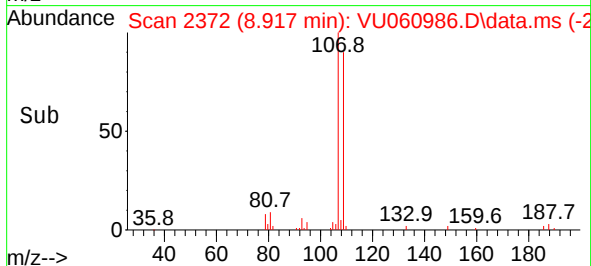
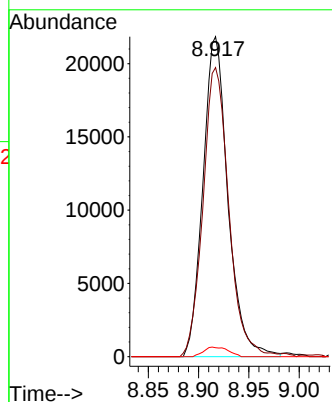
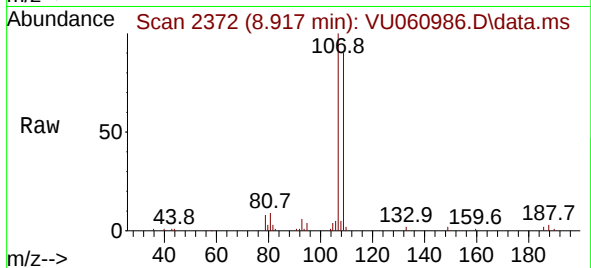




#50
1,2-Dibromoethane
Concen: 5.726 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. -0.000 min
Lab File: VU060986.D
Acq: 23 Sep 2024 20:04

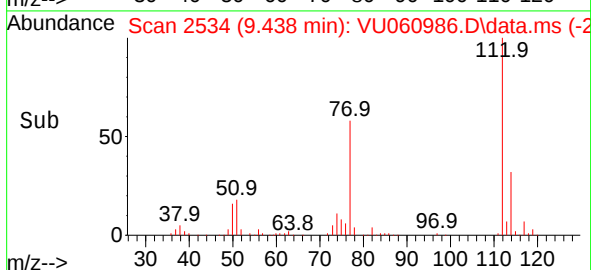
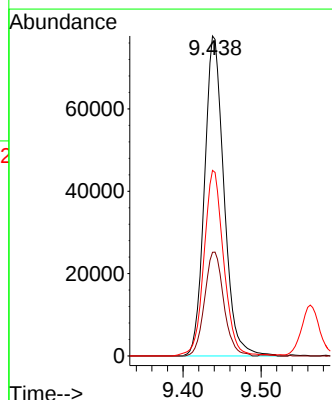
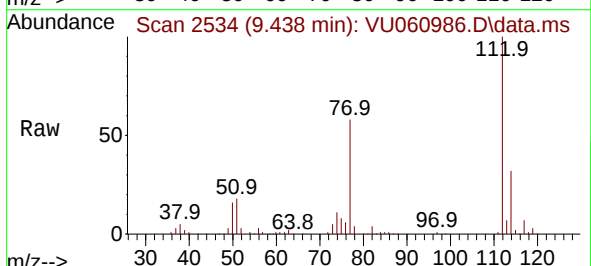
Instrument :
MSVOA_U
ClientSampleId :

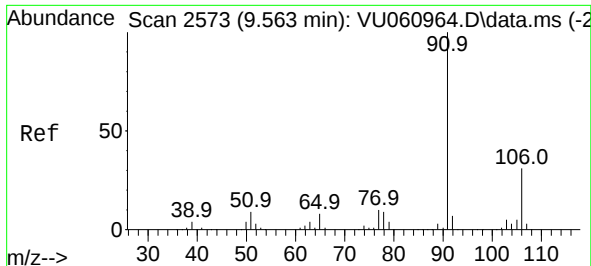
Tgt Ion:107 Resp: 37738
Ion Ratio Lower Upper
107 100
109 90.4 66.8 124.0
188 2.8 3.4 5.0#



#51
Chlorobenzene
Concen: 5.170 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. -0.000 min
Lab File: VU060986.D
Acq: 23 Sep 2024 20:04

Tgt Ion:112 Resp: 134749
Ion Ratio Lower Upper
112 100
114 32.4 22.2 41.2
77 58.0 46.1 69.1

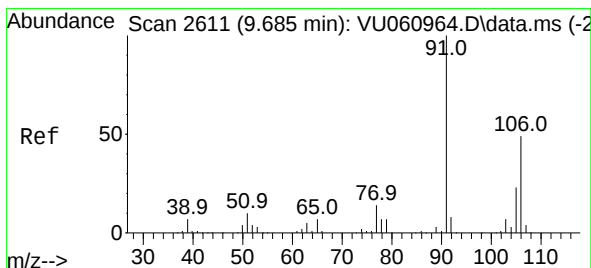
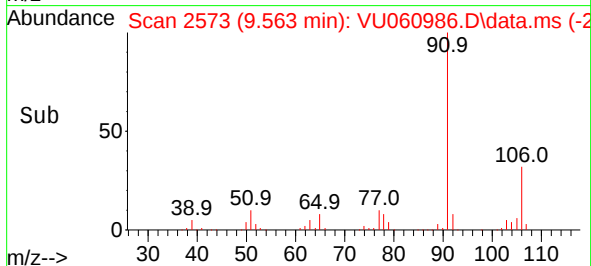
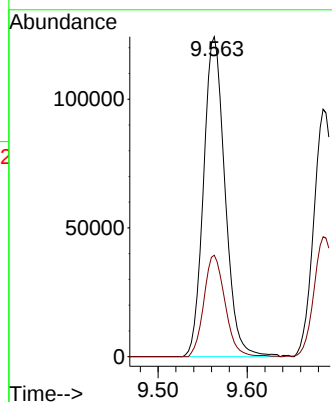
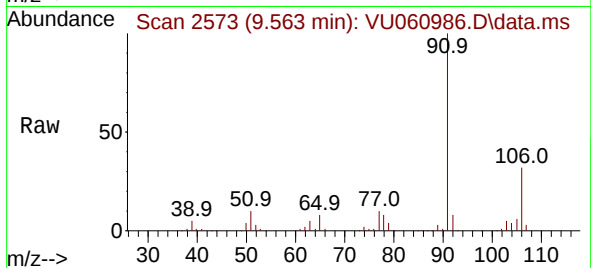




#52
Ethylbenzene
Concen: 5.088 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU060986.D
Acq: 23 Sep 2024 20:04

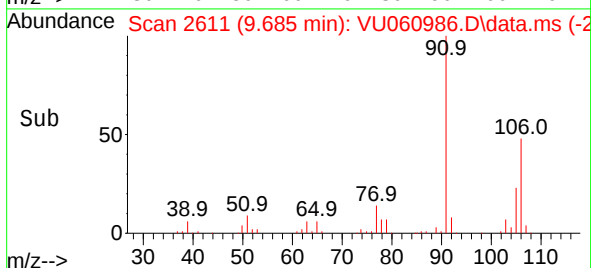
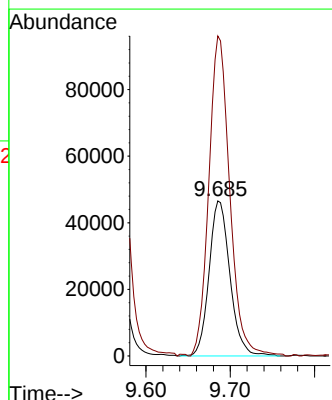
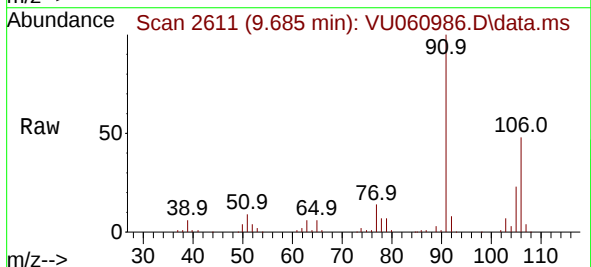
Instrument :
MSVOA_U
ClientSampleId :

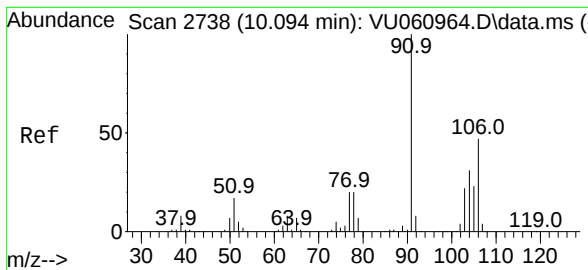
Tgt Ion: 91 Resp: 207915
Ion Ratio Lower Upper
91 100
106 31.7 21.8 40.6



#53
m,p-Xylene
Concen: 5.175 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU060986.D
Acq: 23 Sep 2024 20:04

Tgt Ion: 106 Resp: 80183
Ion Ratio Lower Upper
106 100
91 206.4 139.7 259.4

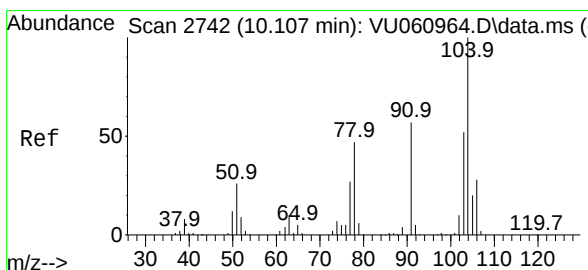
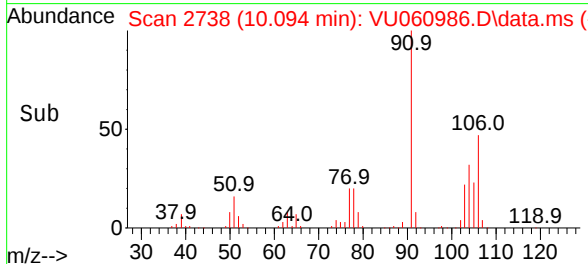
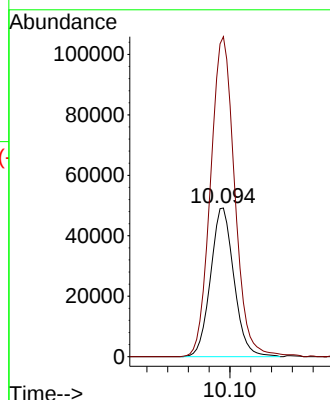
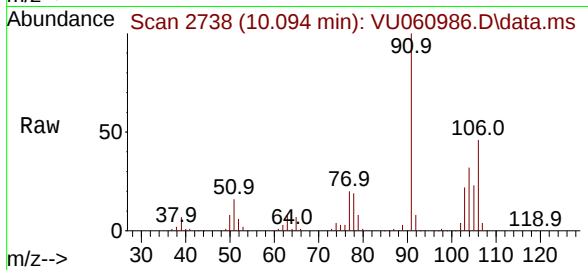




#54
o-Xylene
Concen: 5.021 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. -0.000 min
Lab File: VU060986.D
Acq: 23 Sep 2024 20:04

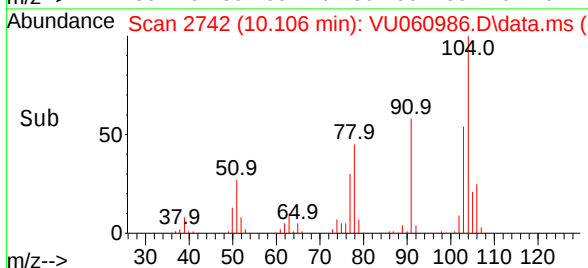
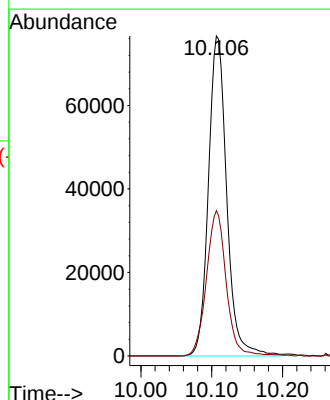
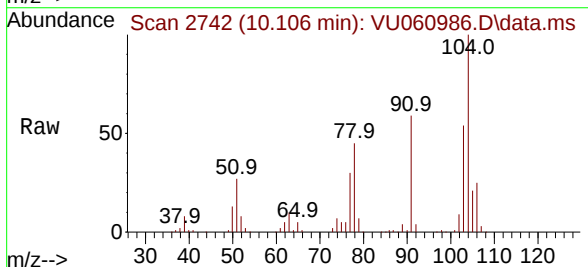
Instrument :
MSVOA_U
ClientSampleId :

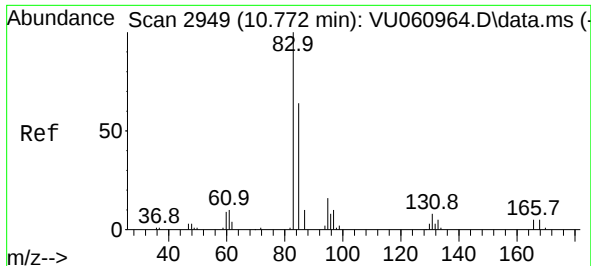
Tgt Ion:106 Resp: 76764
Ion Ratio Lower Upper
106 100
91 215.3 148.6 276.0



#55
Styrene
Concen: 5.336 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. -0.000 min
Lab File: VU060986.D
Acq: 23 Sep 2024 20:04

Tgt Ion:104 Resp: 137520
Ion Ratio Lower Upper
104 100
78 45.4 31.7 58.9





#57

1,1,2,2-Tetrachloroethane

Concen: 5.764 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. -0.000 min

Lab File: VU060986.D

Acq: 23 Sep 2024 20:04

Instrument :

MSVOA_U

ClientSampleId :

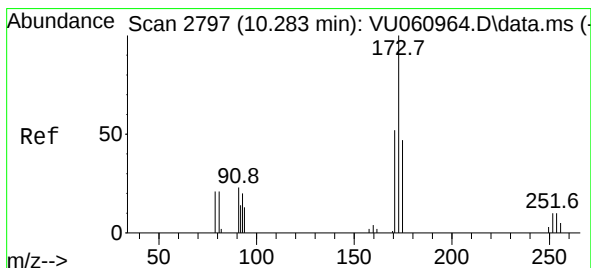
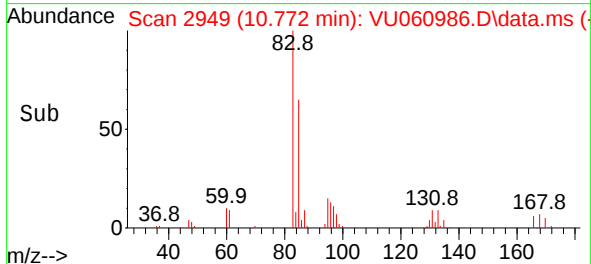
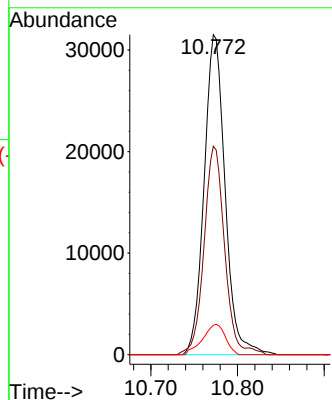
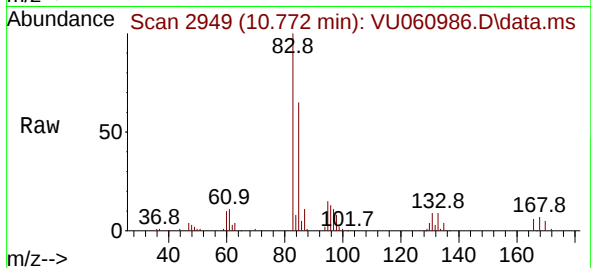
Tgt Ion: 83 Resp: 53089

Ion Ratio Lower Upper

83 100

85 65.2 42.9 79.7

131 9.2 8.4 12.6



#59

Bromoform

Concen: 5.744 ug/L

RT: 10.280 min Scan# 2796

Delta R.T. -0.003 min

Lab File: VU060986.D

Acq: 23 Sep 2024 20:04

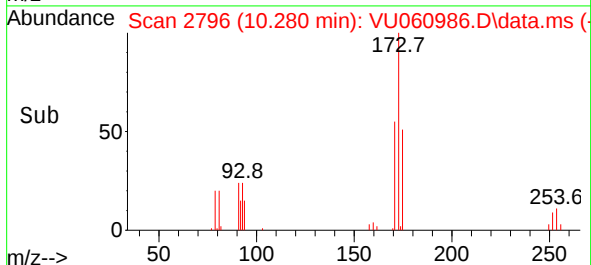
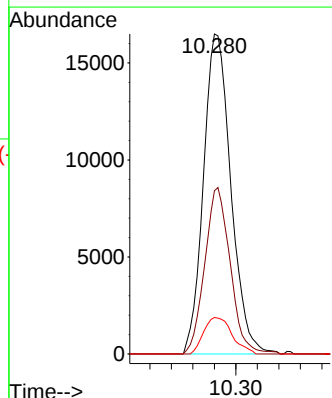
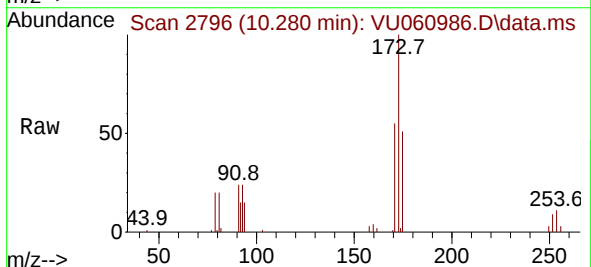
Tgt Ion:173 Resp: 29214

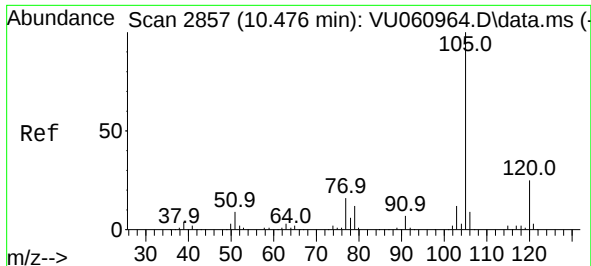
Ion Ratio Lower Upper

173 100

175 48.3 39.1 58.7

254 11.8 8.7 13.1

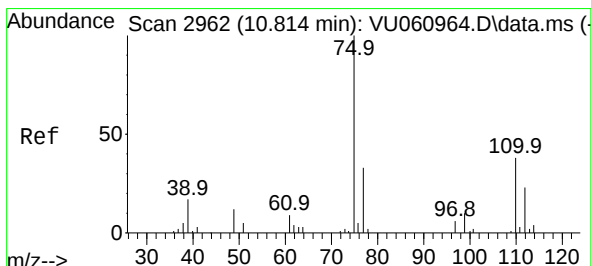
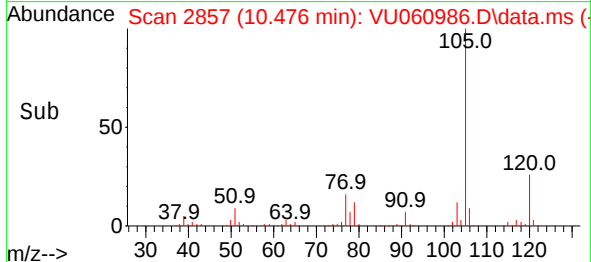
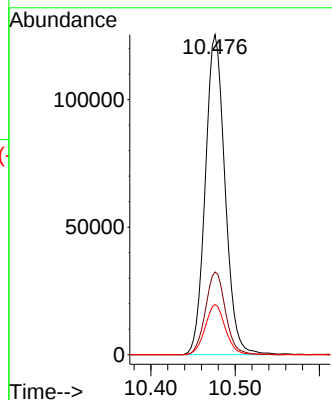
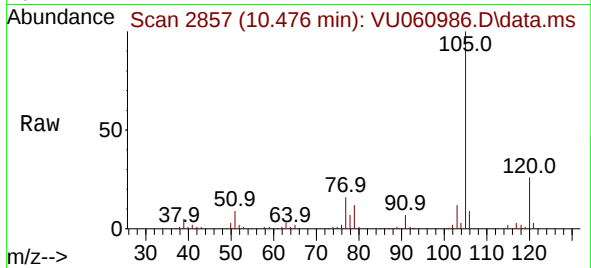




#60
Isopropylbenzene
Concen: 5.110 ug/L
RT: 10.476 min Scan# 2857
Delta R.T. -0.000 min
Lab File: VU060986.D
Acq: 23 Sep 2024 20:04

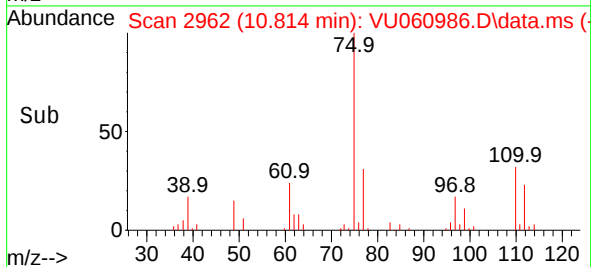
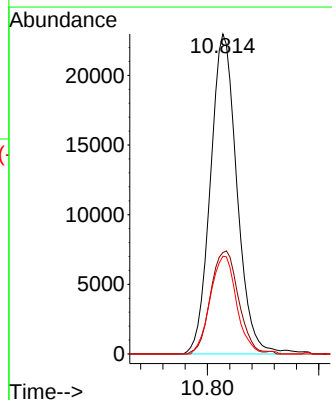
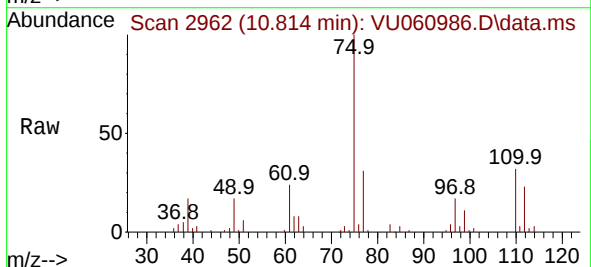
Instrument :
MSVOA_U
ClientSampleId :

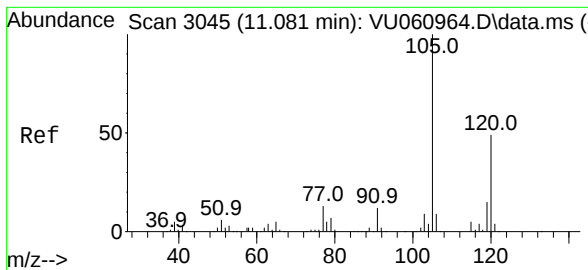
Tgt Ion:105 Resp: 204376
Ion Ratio Lower Upper
105 100
120 26.3 21.5 32.3
77 16.1 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 6.007 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. -0.000 min
Lab File: VU060986.D
Acq: 23 Sep 2024 20:04

Tgt Ion: 75 Resp: 37814
Ion Ratio Lower Upper
75 100
110 34.2 28.6 43.0
77 30.5 26.3 39.5

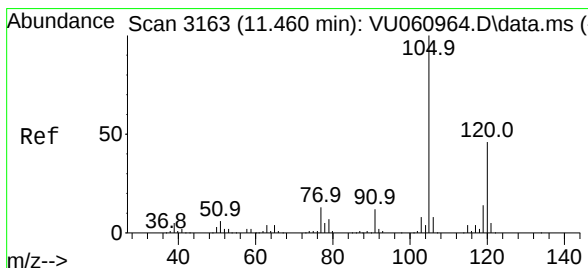
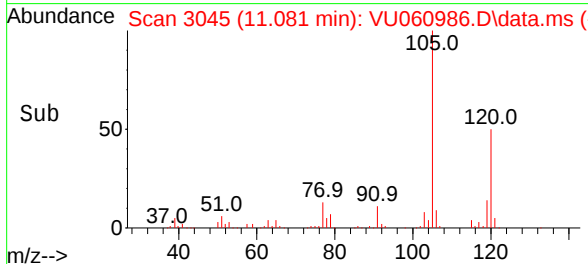
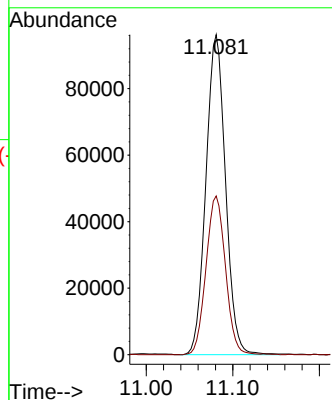
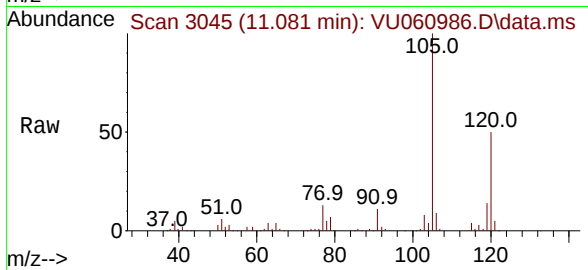




#62
 1,3,5-Trimethylbenzene
 Concen: 4.860 ug/L
 RT: 11.081 min Scan# 3045
 Delta R.T. -0.000 min
 Lab File: VU060986.D
 Acq: 23 Sep 2024 20:04

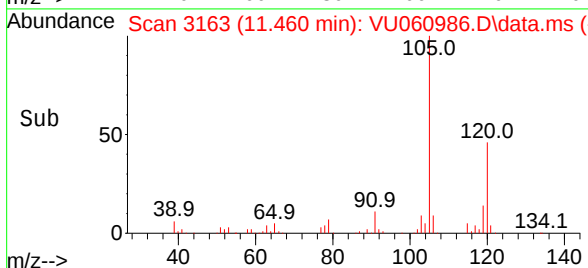
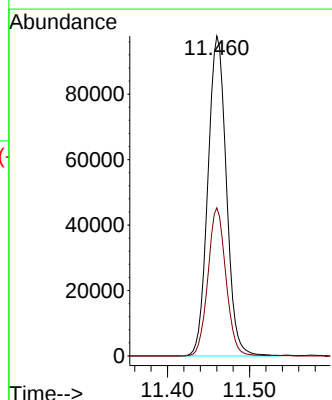
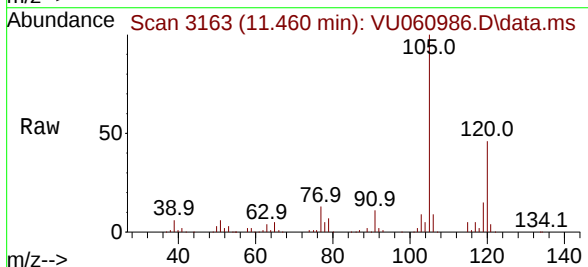
Instrument :
 MSVOA_U
 ClientSampleId :

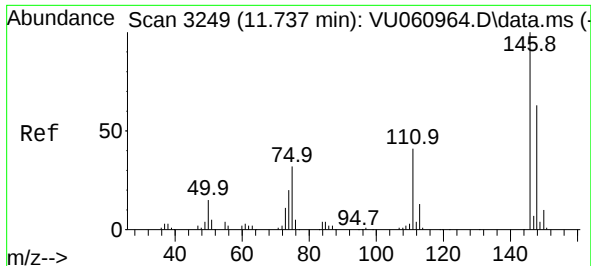
Tgt Ion:105 Resp: 151065
 Ion Ratio Lower Upper
 105 100
 120 49.3 38.5 57.7



#63
 1,2,4-Trimethylbenzene
 Concen: 4.984 ug/L
 RT: 11.460 min Scan# 3163
 Delta R.T. -0.000 min
 Lab File: VU060986.D
 Acq: 23 Sep 2024 20:04

Tgt Ion:105 Resp: 153074
 Ion Ratio Lower Upper
 105 100
 120 45.1 36.1 54.1





#64

1,3-Dichlorobenzene

Concen: 5.207 ug/L

RT: 11.737 min Scan# 3249

Delta R.T. -0.000 min

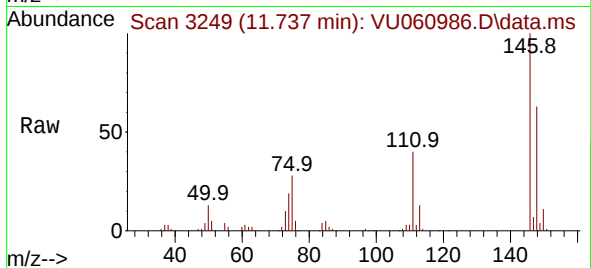
Lab File: VU060986.D

Acq: 23 Sep 2024 20:04

Instrument :

MSVOA_U

ClientSampleId :



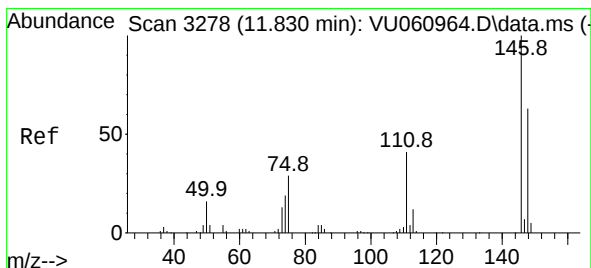
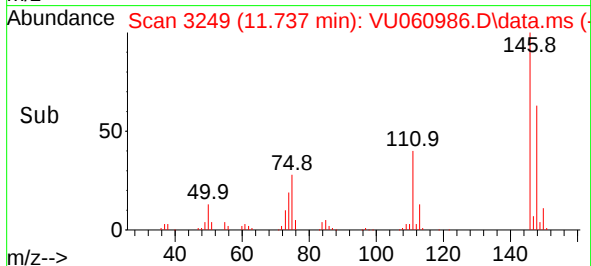
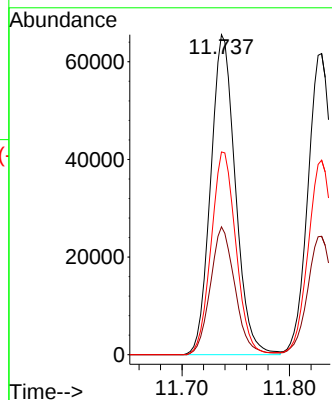
Tgt Ion:146 Resp: 104715

Ion Ratio Lower Upper

146 100

111 40.0 27.5 51.1

148 63.4 43.7 81.1



#65

1,4-Dichlorobenzene

Concen: 4.914 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. -0.000 min

Lab File: VU060986.D

Acq: 23 Sep 2024 20:04

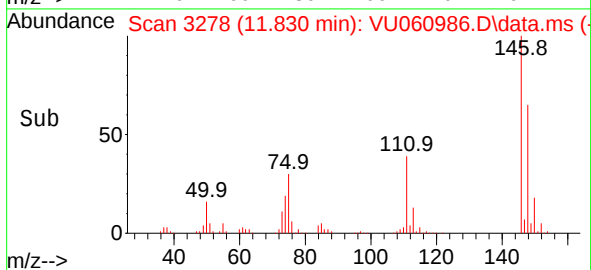
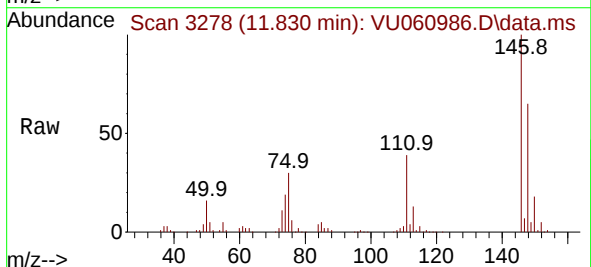
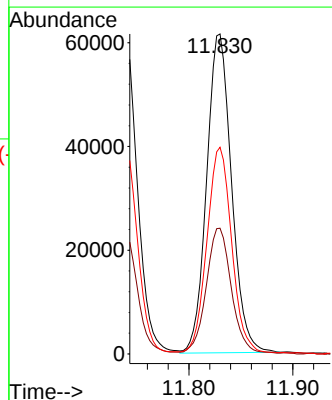
Tgt Ion:146 Resp: 102152

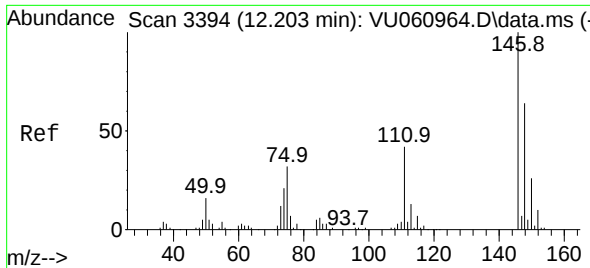
Ion Ratio Lower Upper

146 100

111 39.3 26.3 48.9

148 64.6 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 5.213 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. -0.000 min

Lab File: VU060986.D

Acq: 23 Sep 2024 20:04

Instrument :

MSVOA_U

ClientSampleId :

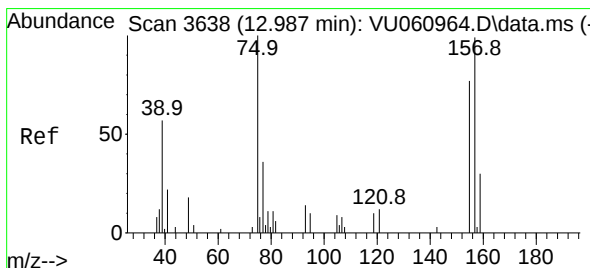
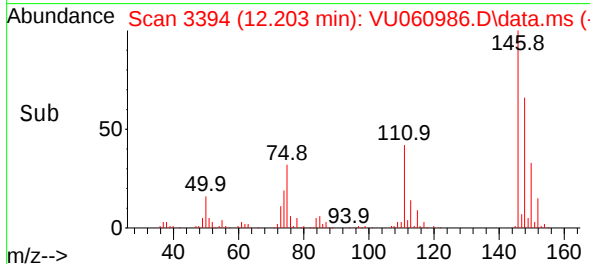
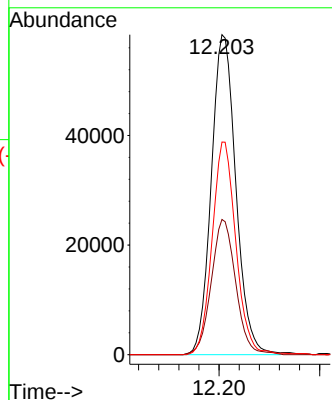
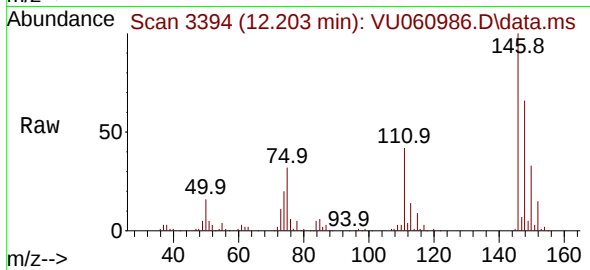
Tgt Ion:146 Resp: 99123

Ion Ratio Lower Upper

146 100

111 42.2 33.4 50.0

148 66.5 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 5.737 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.003 min

Lab File: VU060986.D

Acq: 23 Sep 2024 20:04

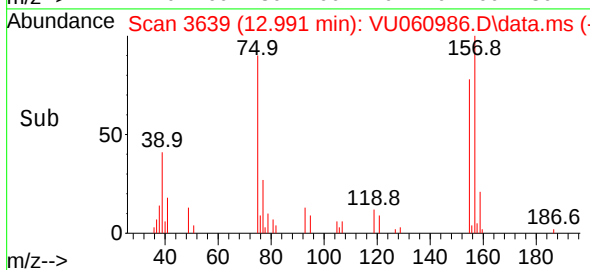
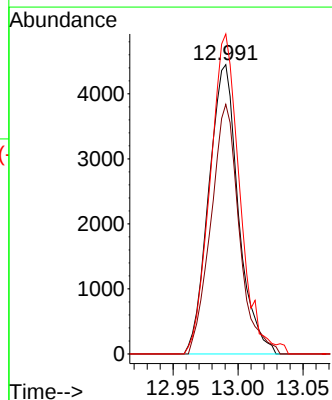
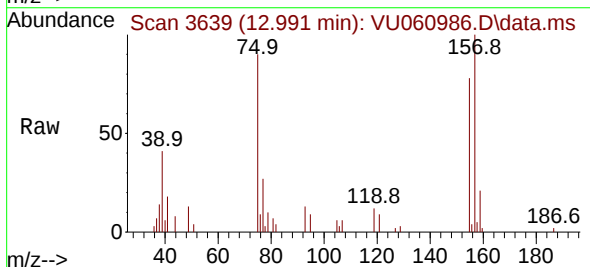
Tgt Ion: 75 Resp: 7051

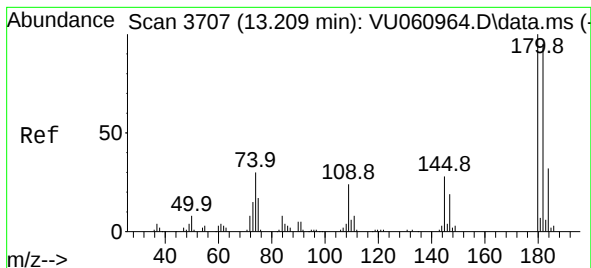
Ion Ratio Lower Upper

75 100

155 86.3 73.1 109.7

157 110.6 91.0 136.4





#69

1,3,5-Trichlorobenzene

Concen: 4.677 ug/L

RT: 13.212 min Scan# 3

Delta R.T. 0.003 min

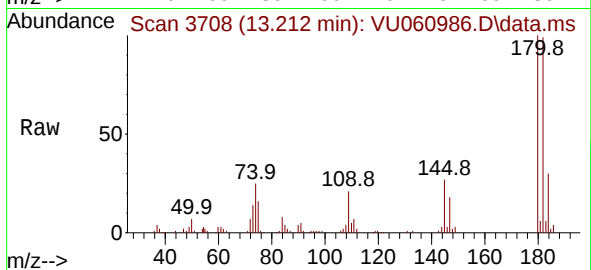
Lab File: VU060986.D

Acq: 23 Sep 2024 20:04

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 70354

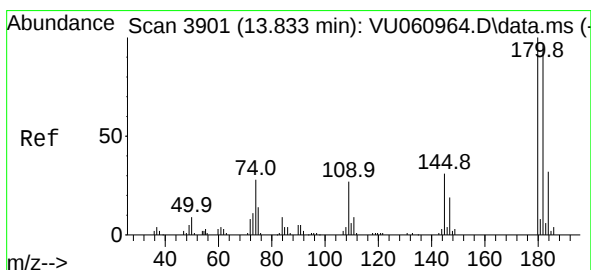
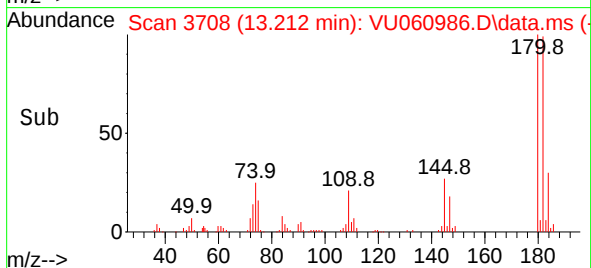
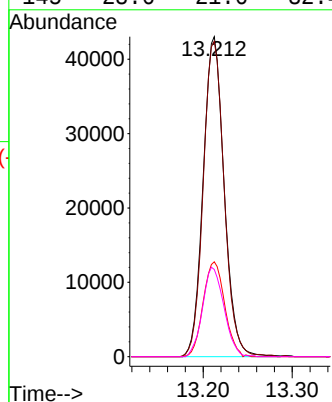
Ion Ratio Lower Upper

180 100

182 98.1 74.5 111.7

184 30.4 23.2 34.8

145 28.6 21.6 32.4



#70

1,2,4-trichlorobenzene

Concen: 4.836 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU060986.D

Acq: 23 Sep 2024 20:04

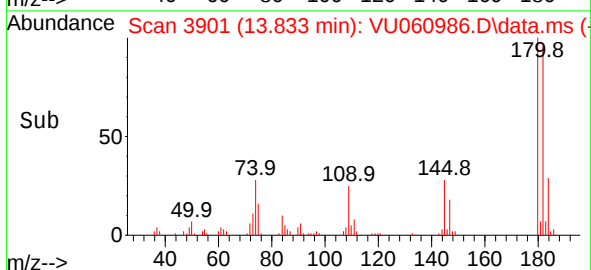
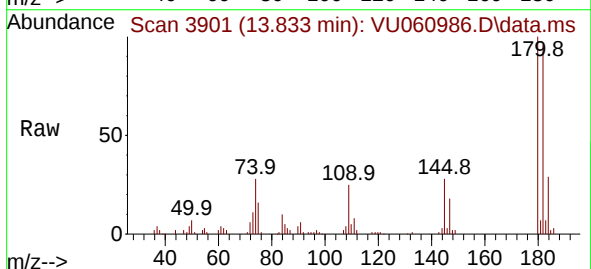
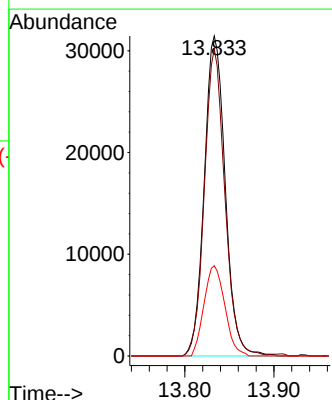
Tgt Ion:180 Resp: 51248

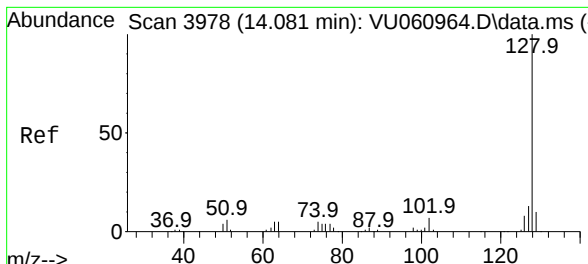
Ion Ratio Lower Upper

180 100

182 93.5 77.4 116.2

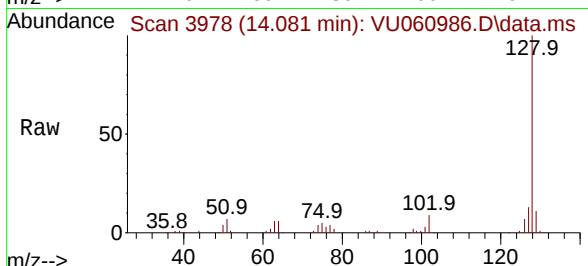
145 28.1 22.9 34.3



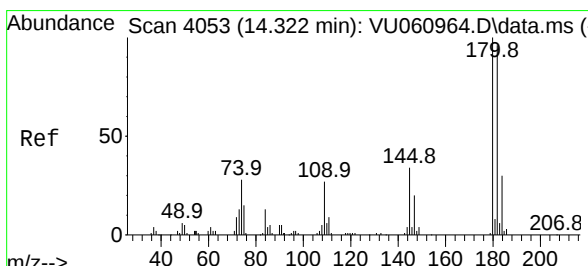
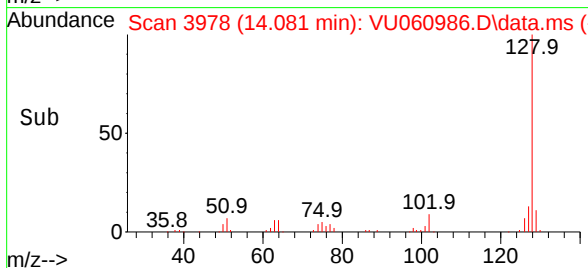
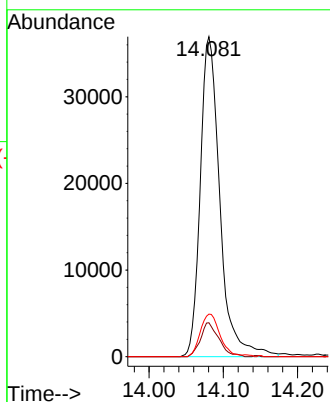


#71
Naphthalene
Concen: 4.849 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU060986.D
Acq: 23 Sep 2024 20:04

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	128	Resp:	67774
Ion Ratio	Lower	Upper	
128	100		
129	9.9	8.3	12.5
127	13.3	10.7	16.1



#72
1,2,3-Trichlorobenzene
Concen: 4.922 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU060986.D
Acq: 23 Sep 2024 20:04

Tgt Ion:	180	Resp:	45060
Ion Ratio	Lower	Upper	
180	100		
182	94.4	75.7	113.5
145	32.4	23.5	35.3

