

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080524\
 Data File : VU060312.D
 Acq On : 05 Aug 2024 15:14
 Operator : MD/SY
 Sample : VSTDICV010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 06 06:03:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U080524DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Aug 06 05:58:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.104	96	33774	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.628	95	12341	1.072	ug/l	0.00
Spiked Amount 1.000			Recovery	=	107.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	13697	1.096	ug/l	0.00
Spiked Amount 1.000			Recovery	=	110.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	112627	8.670	ug/l	100
3) Chloromethane	1.522	50	122846	8.271	ug/l	99
4) Vinyl Chloride	1.599	62	131264	8.840	ug/l	97
5) Bromomethane	1.834	94	70891	7.770	ug/l	97
6) Chloroethane	1.904	64	80567	8.965	ug/l	97
7) Trichlorofluoromethane	2.120	101	165763	9.253	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.567	101	100773	10.339	ug/l	99
9) 1,1-Dichloroethene	2.567	96	100752	9.978	ug/l	99
10) Iodomethane	2.708	142	147428	9.974	ug/l	98
11) Allyl Chloride	2.911	41	149516	10.801	ug/l	95
12) Acrylonitrile	3.306	53	115235	43.680	ug/l	99
13) Acetone	2.625	43	94702	33.150	ug/l	97
14) Carbon Disulfide	2.779	76	306412	8.950	ug/l	99
15) Methylene Chloride	3.033	84	118365	9.364	ug/l	99
16) trans-1,2-Dichloroethene	3.339	96	101938	9.422	ug/l	96
17) 1,1-Dichloroethane	3.853	63	199048	9.569	ug/l	99
18) 2-Butanone	4.711	43	138178	37.327	ug/l	100
19) Cyclohexane	5.364	56	157371	8.777	ug/l	93
20) Methylcyclohexane	6.750	83	147759	10.384	ug/l	98
21) 2,2-Dichloropropane	4.650	77	161396	9.963	ug/l	100
22) cis-1,2-Dichloroethene	4.654	96	122311	10.553	ug/l	98
23) Diethyl Ether	2.371	59	74968	9.136	ug/l	99
24) tert-Butyl Alcohol	3.191	59	32907	30.610	ug/l	# 94
25) Methyl tert-Butyl Ether	3.361	73	236355	9.535	ug/l	100
26) Bromochloromethane	4.962	128	71486	14.566	ug/l	98
27) Chloroform	5.078	83	194368	9.549	ug/l	100
28) 1,1,1-Trichloroethane	5.300	97	162523	9.613	ug/l	99
29) 1,1-Dichloropropene	5.509	75	123438	9.112	ug/l	100
30) Carbon Tetrachloride	5.506	117	135107	9.806	ug/l	98
31) Isopropyl Ether	3.994	45	306525	10.081	ug/l	# 1
33) Tert-Amyl methyl ether	5.763	73	7323	0.351	ug/l	# 1
34) Propionitrile	4.779	54	92603	87.524	ug/l	# 92
35) Benzene	5.760	78	415739	9.959	ug/l	98
36) 1,2-Dichloroethane	5.785	62	105773	9.118	ug/l	99
37) Trichloroethene	6.531	130	94786	9.172	ug/l	97
38) 1,2-Dichloropropane	6.785	63	106281	9.412	ug/l	98
39) Methacrylonitrile	4.972	41	33251	8.683	ug/l	98
40) Methyl acrylate	4.846	55	59723	8.907	ug/l	# 93
41) Tetrahydrofuran	5.062	42	83913	40.245	ug/l	99
42) 1-Chlorobutane	5.441	56	186388	9.978	ug/l	99
43) Dibromomethane	6.911	93	55433	9.703	ug/l	98
44) Bromodichloromethane	7.100	83	137663	10.037	ug/l	100
45) 4-Methyl-2-Pentanone	7.798	43	269660	50.272	ug/l	100

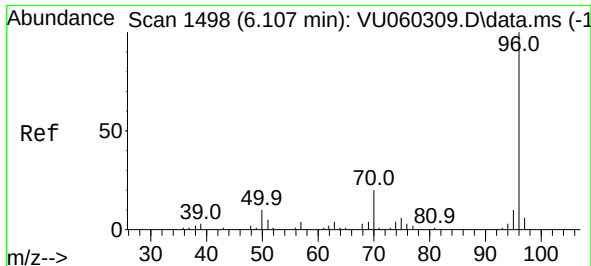
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080524\
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Aug 06 05:58:50 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) t-1,4-Dichloro-2-butene	10.817	75	95391	31.736	ug/l #	46
47) Methyl methacrylate	6.965	69	41521	8.957	ug/l	96
48) Ethyl methacrylate	8.335	69	86079	10.937	ug/l	99
49) Toluene	7.962	92	250989	10.843	ug/l	97
50) t-1,3-Dichloropropene	8.206	75	115294	10.182	ug/l	100
51) cis-1,3-Dichloropropene	7.602	75	130670	9.593	ug/l	100
52) 1,1,2-Trichloroethane	8.396	97	77801	9.278	ug/l	99
53) 1,3-Dichloropropane	8.570	76	127158	9.503	ug/l	99
54) 2-Hexanone	8.689	43	202770	48.773	ug/l	98
55) Dibromochloromethane	8.805	129	89599	9.741	ug/l	97
56) 1,2-Dibromoethane	8.917	107	70461	9.370	ug/l	96
58) Tetrachloroethene	8.544	164	94187	10.198	ug/l	98
59) Chlorobenzene	9.441	112	263269	10.505	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.528	131	94793	9.600	ug/l	97
61) Pentachloroethane	11.422	117	90143	10.689	ug/l	99
62) Hexachloroethane	12.470	117	83293	10.218	ug/l	100
63) Ethyl Benzene	9.563	91	459514	9.757	ug/l	99
64) m/p-Xylenes	9.689	106	379656	19.601	ug/l	99
65) o-Xylene	10.094	106	172067	9.429	ug/l	100
66) Styrene	10.107	104	318131	10.117	ug/l	99
67) Bromoform	10.284	173	53006	9.839	ug/l	98
69) Isopropylbenzene	10.476	105	467099	9.892	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.776	83	103220	9.250	ug/l	99
71) 1,2,3-Trichloropropane	10.817	75	95391	11.541	ug/l #	58
72) Bromobenzene	10.776	156	112271	10.909	ug/l	99
73) n-propylbenzene	10.901	120	125788	9.308	ug/l	98
74) 2-Chlorotoluene	10.981	126	118649	9.908	ug/l	96
75) 1,3,5-Trimethylbenzene	11.081	105	413119	9.808	ug/l	99
76) 4-Chlorotoluene	11.091	126	124170	9.878	ug/l	98
77) tert-Butylbenzene	11.415	119	386667	9.723	ug/l	100
78) 1,2,4-Trimethylbenzene	11.460	105	424977	9.686	ug/l	100
79) sec-Butylbenzene	11.637	105	531610	9.749	ug/l	100
80) Nitrobenzene	13.210	77	5096	10.399	ug/l	94
81) p-Isopropyltoluene	11.785	119	444065	9.794	ug/l	99
82) 1,3-Dichlorobenzene	11.740	146	237427	11.058	ug/l	99
83) 1,4-Dichlorobenzene	11.830	146	241051	11.310	ug/l	99
84) n-Butylbenzene	12.203	91	422639	9.739	ug/l	99
85) 1,2-Dichlorobenzene	12.206	146	231161	11.131	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.991	75	16045	9.917	ug/l	96
87) 1,2,4-Trichlorobenzene	13.833	180	151846	12.784	ug/l	99
88) Hexachlorobutadiene	14.013	225	83353	10.853	ug/l	99
89) Naphthalene	14.081	128	256566	10.692	ug/l	100
90) 1,2,3-Trichlorobenzene	14.325	180	138107	11.910	ug/l	99

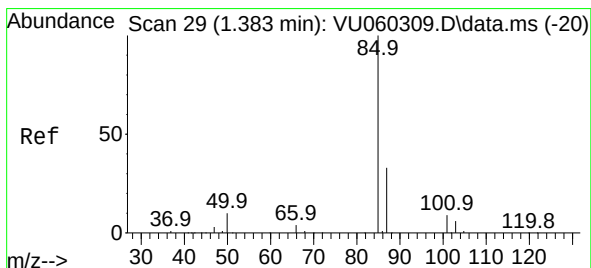
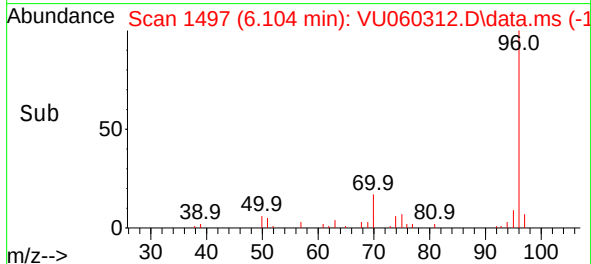
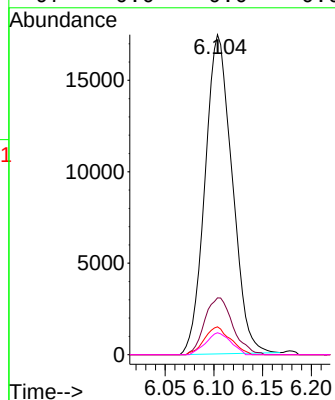
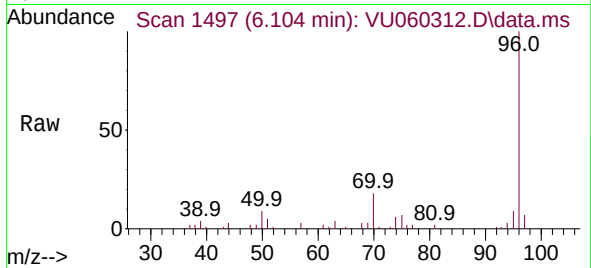
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.104 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU060312.D
Acq: 05 Aug 2024 15:14

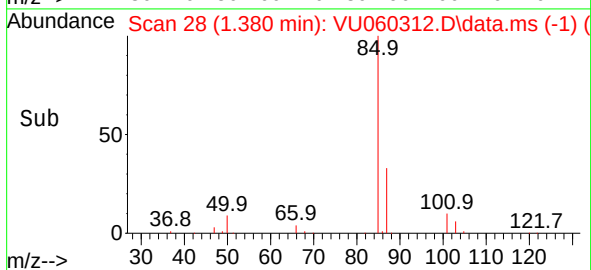
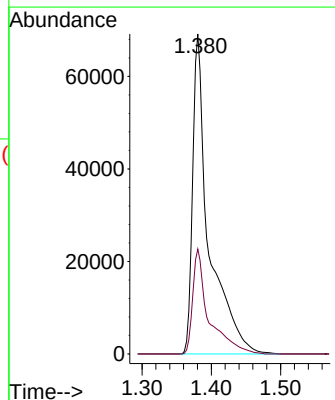
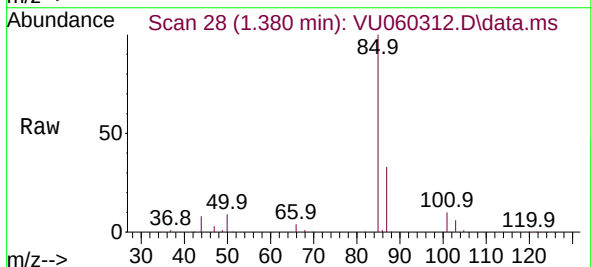
Instrument :
MSVOA_U
ClientSampleId :

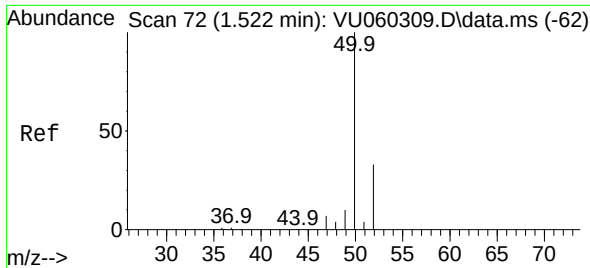
Tgt Ion: 96	Resp: 33774
Ion Ratio	Lower Upper
96 100	
70 18.4	17.2 25.8
95 8.4	7.9 11.9
97 0.0	0.0 0.0



#2
Dichlorodifluoromethane
Concen: 8.670 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.003 min
Lab File: VU060312.D
Acq: 05 Aug 2024 15:14

Tgt Ion: 85	Resp: 112627
Ion Ratio	Lower Upper
85 100	
87 32.8	16.3 48.9

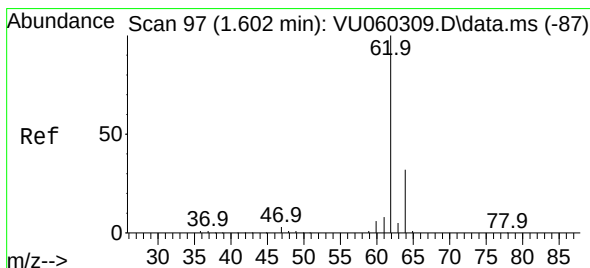
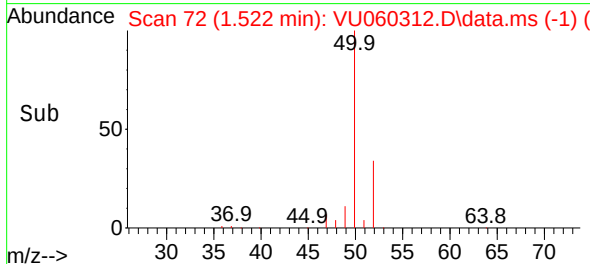
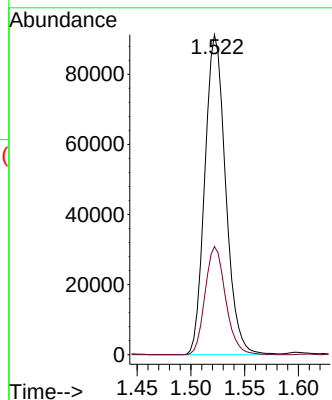
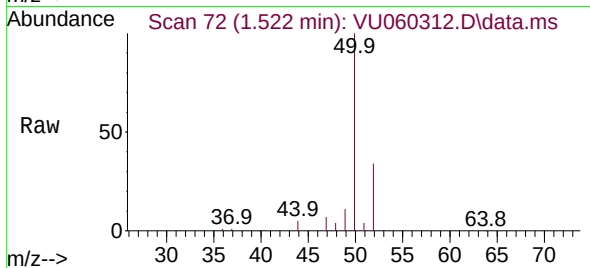




#3
Chloromethane
Concen: 8.271 ug/l
RT: 1.522 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU060312.D
Acq: 05 Aug 2024 15:14

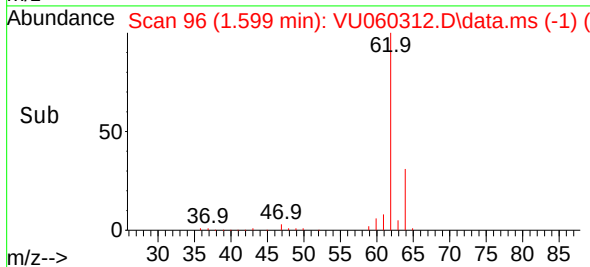
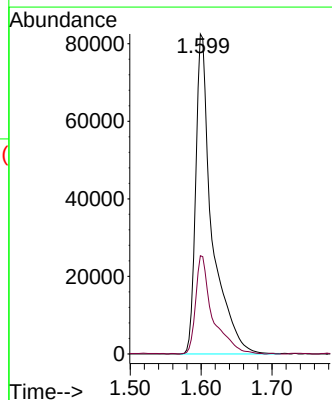
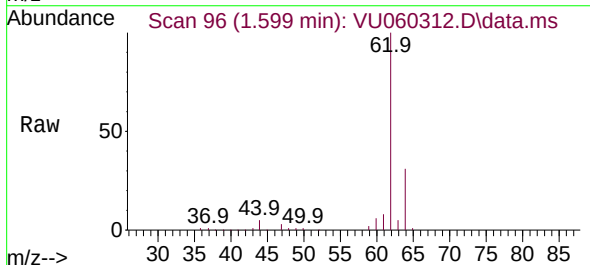
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ClientSampleId :

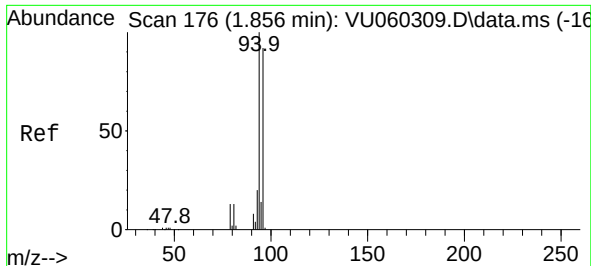
Tgt Ion: 50 Resp: 122846
Ion Ratio Lower Upper
50 100
52 33.8 26.5 39.7



#4
Vinyl Chloride
Concen: 8.840 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.003 min
Lab File: VU060312.D
Acq: 05 Aug 2024 15:14

Tgt Ion: 62 Resp: 131264
Ion Ratio Lower Upper
62 100
64 30.7 25.8 38.6

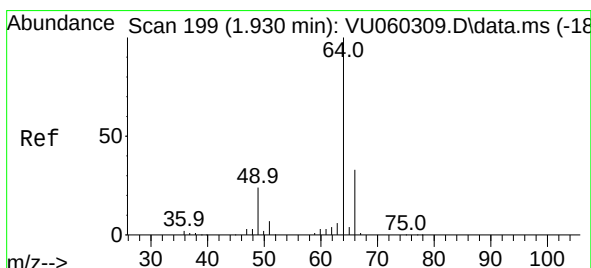
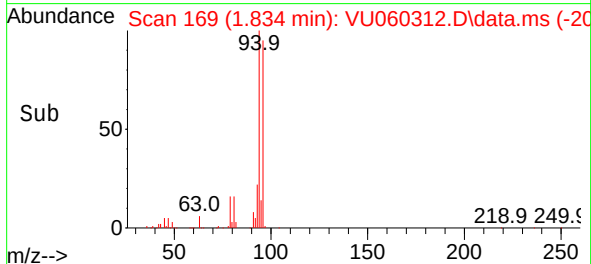
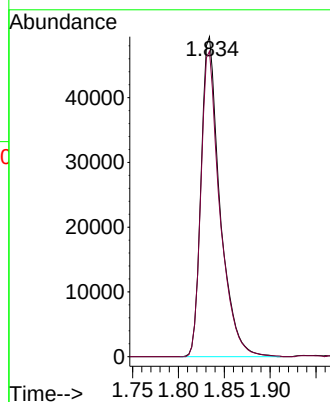
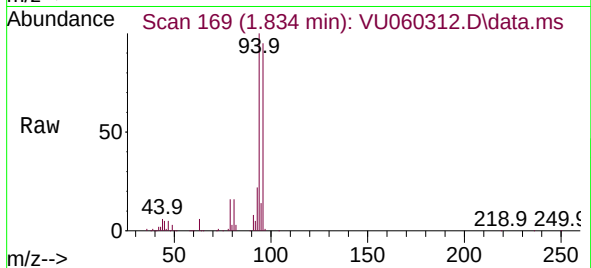




#5
Bromomethane
Concen: 7.770 ug/l
RT: 1.834 min Scan# 1
Delta R.T. -0.022 min
Lab File: VU060312.D
Acq: 05 Aug 2024 15:14

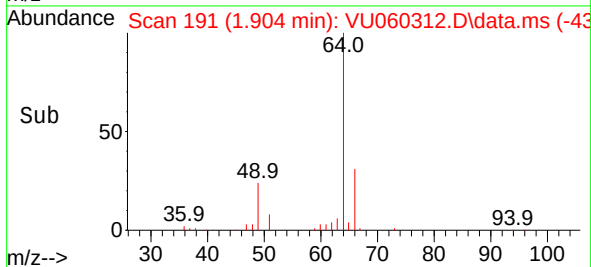
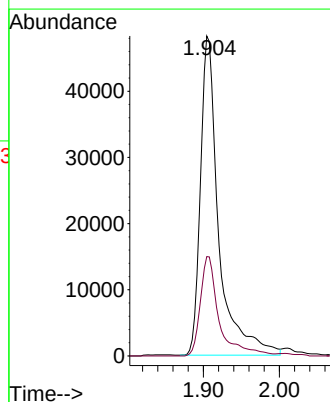
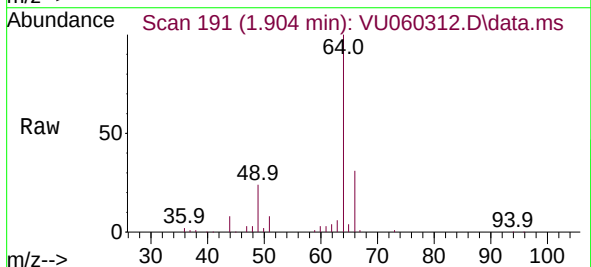
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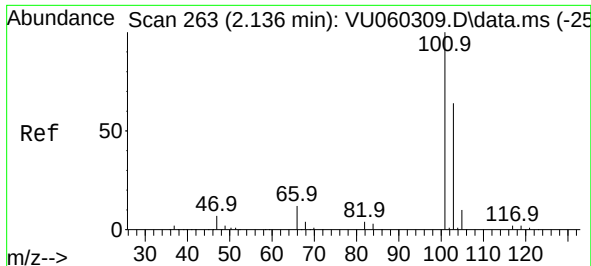
Tgt Ion: 94 Resp: 70891
Ion Ratio Lower Upper
94 100
96 95.5 73.8 110.8



#6
Chloroethane
Concen: 8.965 ug/l
RT: 1.904 min Scan# 191
Delta R.T. -0.025 min
Lab File: VU060312.D
Acq: 05 Aug 2024 15:14

Tgt Ion: 64 Resp: 80567
Ion Ratio Lower Upper
64 100
66 31.1 26.3 39.5

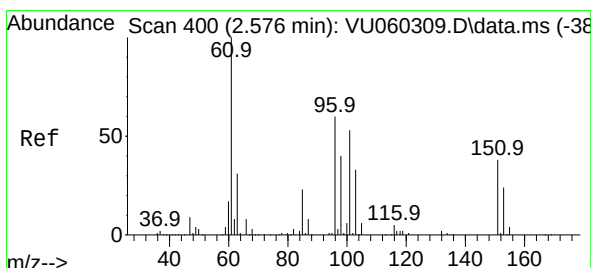
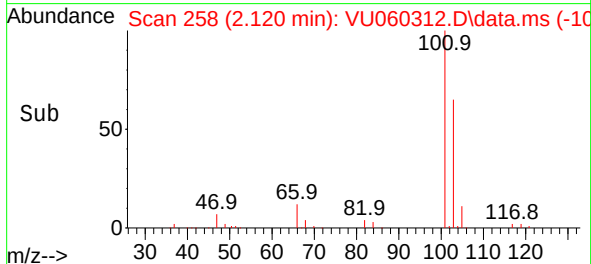
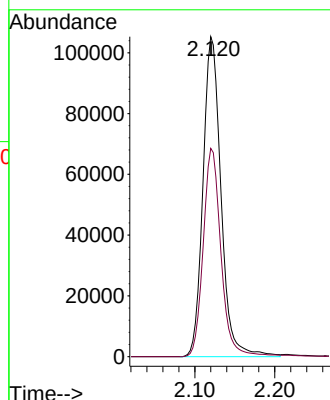
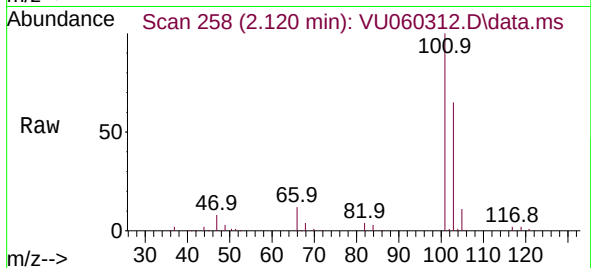




#7
Trichlorofluoromethane
Concen: 9.253 ug/l
RT: 2.120 min Scan# 210
Delta R.T. -0.016 min
Lab File: VU060312.D
Acq: 05 Aug 2024 15:14

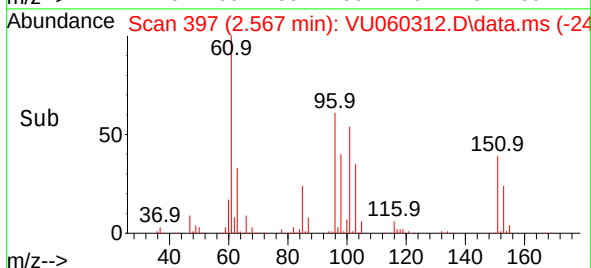
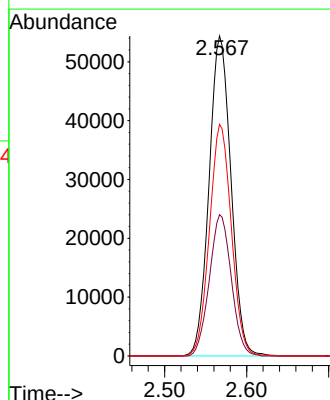
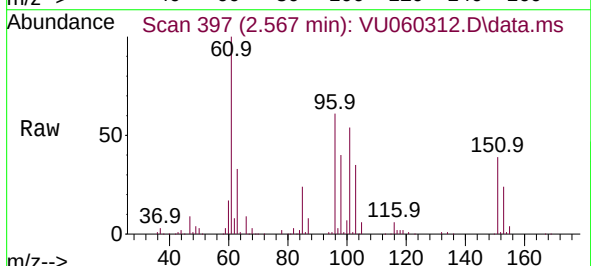
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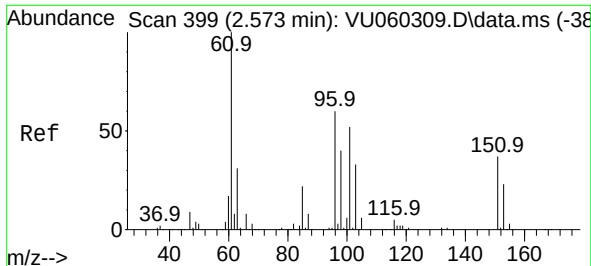
Tgt Ion:101 Resp: 165763
Ion Ratio Lower Upper
101 100
103 65.1 51.0 76.4



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 10.339 ug/l
RT: 2.567 min Scan# 397
Delta R.T. -0.009 min
Lab File: VU060312.D
Acq: 05 Aug 2024 15:14

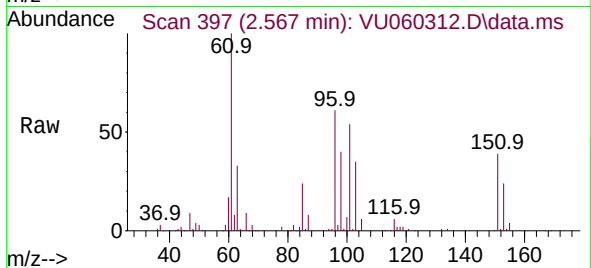
Tgt Ion:101 Resp: 100773
Ion Ratio Lower Upper
101 100
85 44.2 34.9 52.3
151 72.3 57.2 85.8



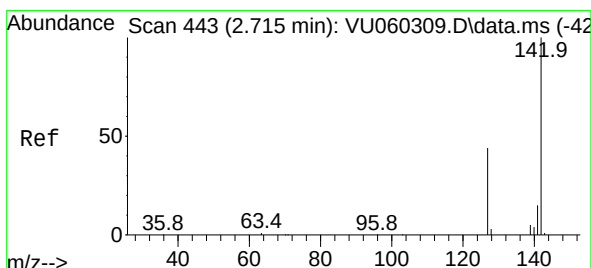
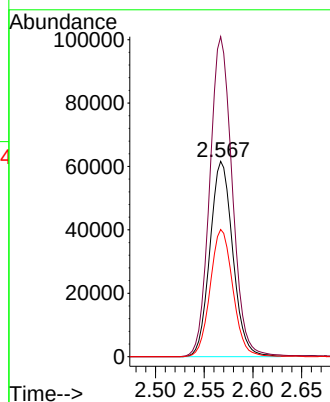
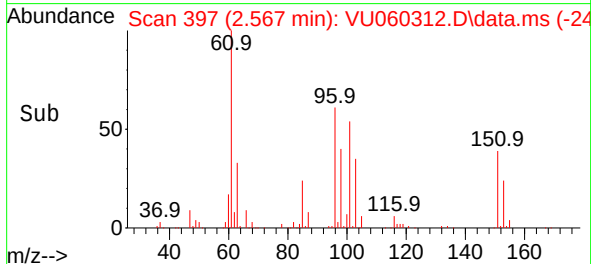


#9
1,1-Dichloroethene
Concen: 9.978 ug/l
RT: 2.567 min Scan# 399
Delta R.T. -0.006 min
Lab File: VU060312.D
Acq: 05 Aug 2024 15:14

Instrument :
MSVOA_U
ClientSampleId :

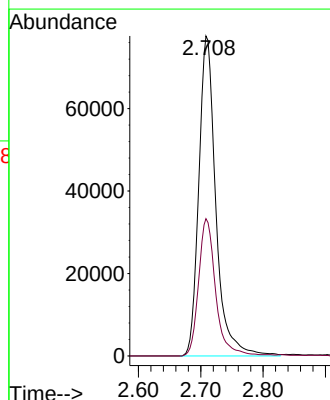
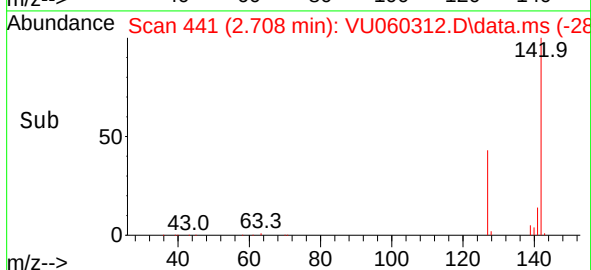
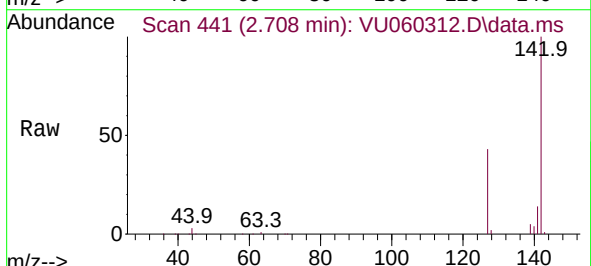


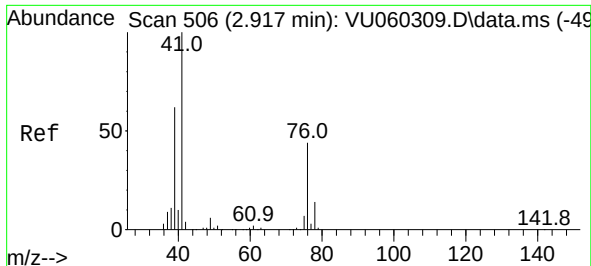
Tgt Ion: 96 Resp: 100752
Ion Ratio Lower Upper
96 100
61 163.8 0.0 495.9
98 65.1 0.0 131.6



#10
Iodomethane
Concen: 9.974 ug/l
RT: 2.708 min Scan# 441
Delta R.T. -0.006 min
Lab File: VU060312.D
Acq: 05 Aug 2024 15:14

Tgt Ion: 142 Resp: 147428
Ion Ratio Lower Upper
142 100
127 43.1 35.5 53.3





#11

Allyl Chloride

Concen: 10.801 ug/l

RT: 2.911 min Scan# 504

Delta R.T. -0.006 min

Lab File: VU060312.D

Acq: 05 Aug 2024 15:14

Instrument :

MSVOA_U

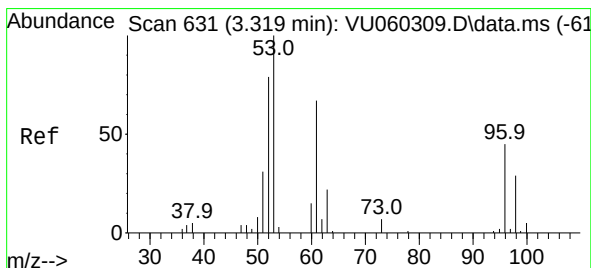
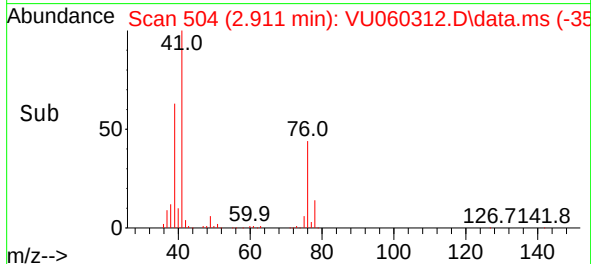
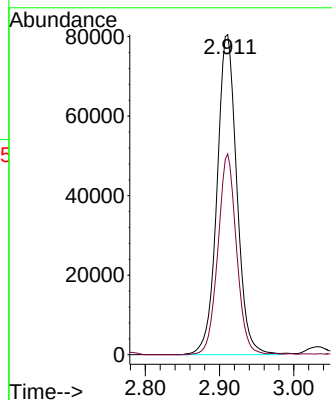
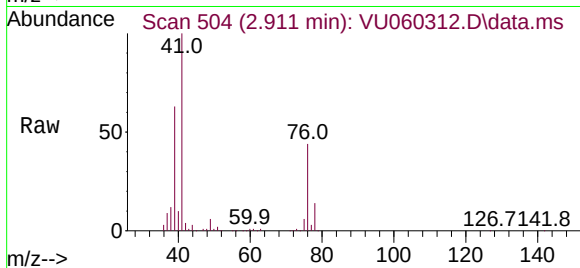
ClientSampleId :

Tgt Ion: 41 Resp: 149516

Ion Ratio Lower Upper

41 100

39 58.8 50.0 75.0



#12

Acrylonitrile

Concen: 43.680 ug/l

RT: 3.306 min Scan# 627

Delta R.T. -0.013 min

Lab File: VU060312.D

Acq: 05 Aug 2024 15:14

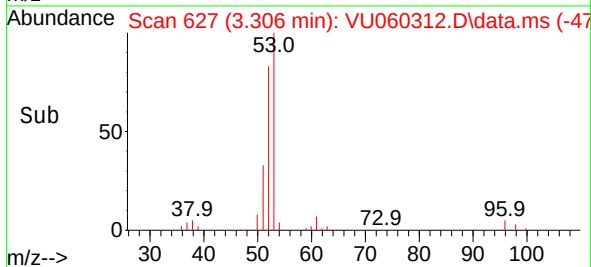
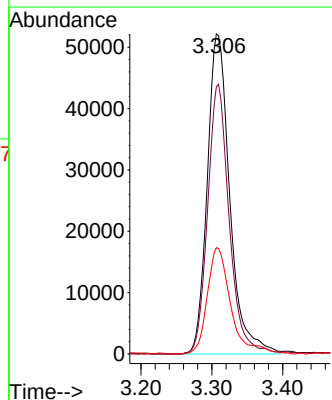
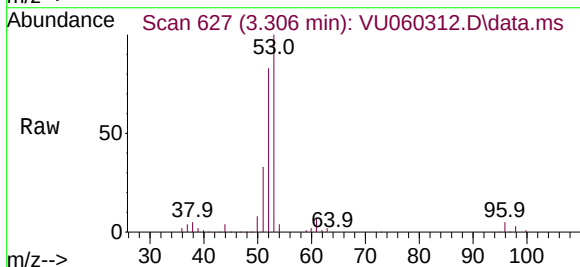
Tgt Ion: 53 Resp: 115235

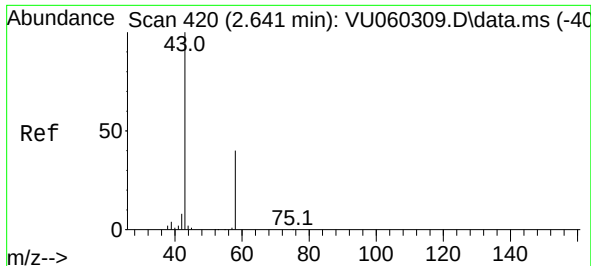
Ion Ratio Lower Upper

53 100

52 80.6 63.7 95.5

51 34.7 28.2 42.4





#13

Acetone

Concen: 33.150 ug/l

RT: 2.625 min Scan# 41

Delta R.T. -0.016 min

Lab File: VU060312.D

Acq: 05 Aug 2024 15:14

Instrument :

MSVOA_U

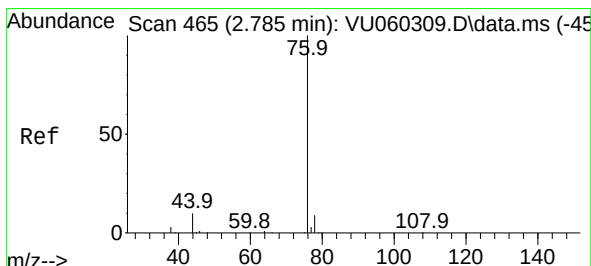
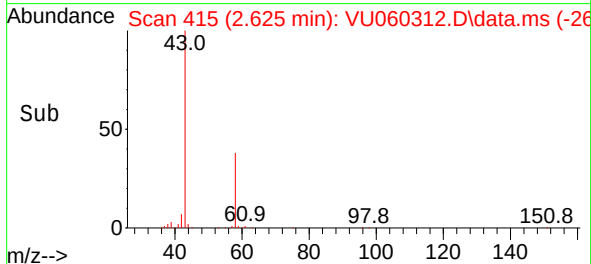
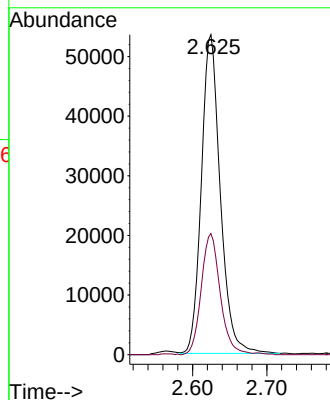
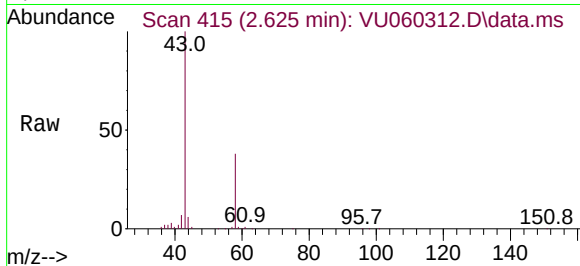
ClientSampleId :

Tgt Ion: 43 Resp: 94702

Ion Ratio Lower Upper

43 100

58 38.0 31.8 47.8



#14

Carbon Disulfide

Concen: 8.950 ug/l

RT: 2.779 min Scan# 463

Delta R.T. -0.006 min

Lab File: VU060312.D

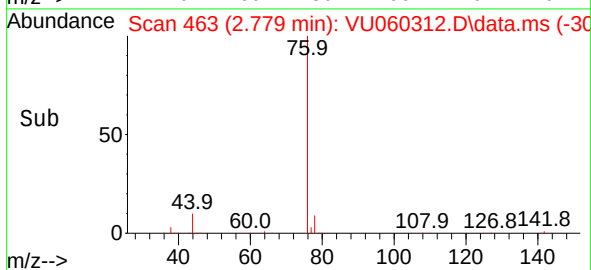
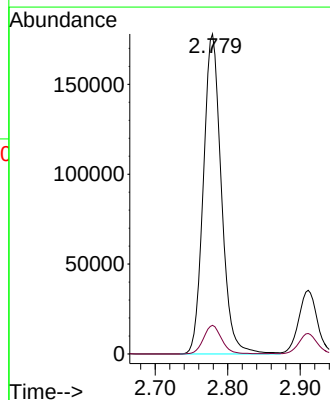
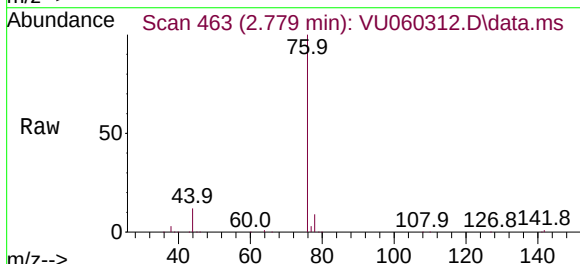
Acq: 05 Aug 2024 15:14

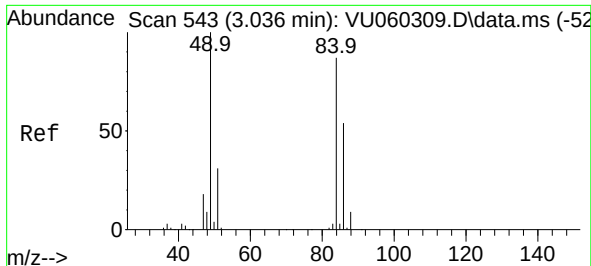
Tgt Ion: 76 Resp: 306412

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.0





#15

Methylene Chloride

Concen: 9.364 ug/l

RT: 3.033 min Scan# 543

Delta R.T. -0.003 min

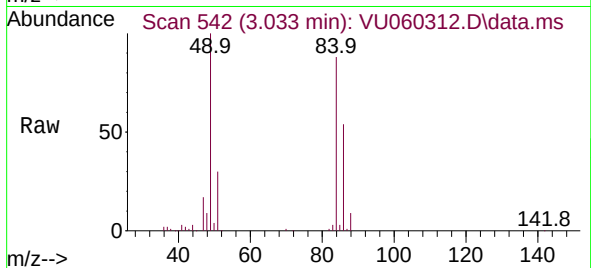
Lab File: VU060312.D

Acq: 05 Aug 2024 15:14

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 84 Resp: 118365

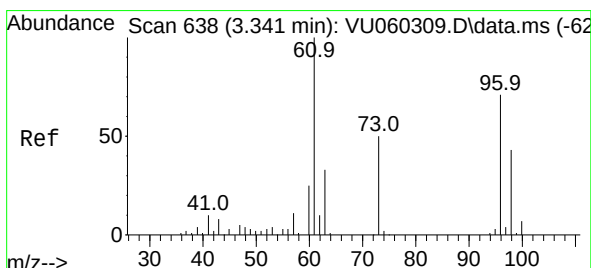
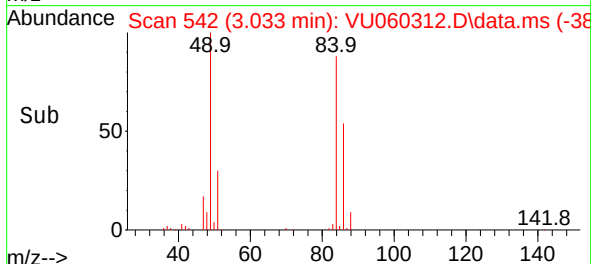
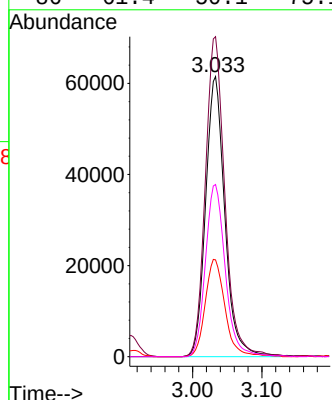
Ion Ratio Lower Upper

84 100

49 114.2 92.1 138.1

51 34.5 0.0 72.4

86 61.4 50.1 75.1



#16

trans-1,2-Dichloroethene

Concen: 9.422 ug/l

RT: 3.339 min Scan# 637

Delta R.T. -0.003 min

Lab File: VU060312.D

Acq: 05 Aug 2024 15:14

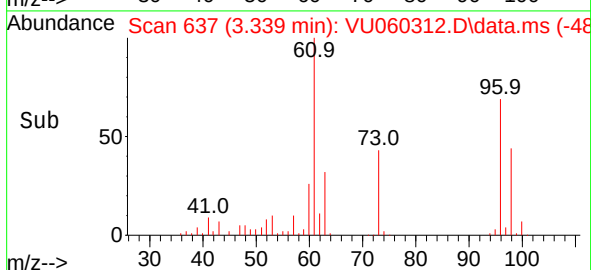
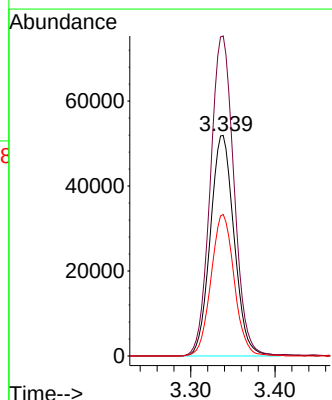
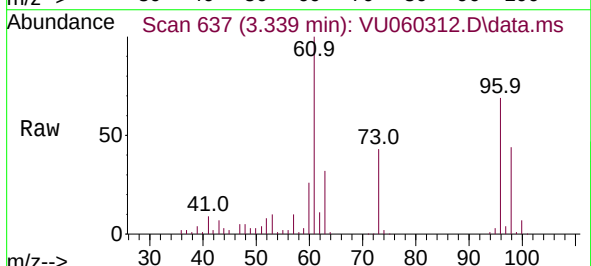
Tgt Ion: 96 Resp: 101938

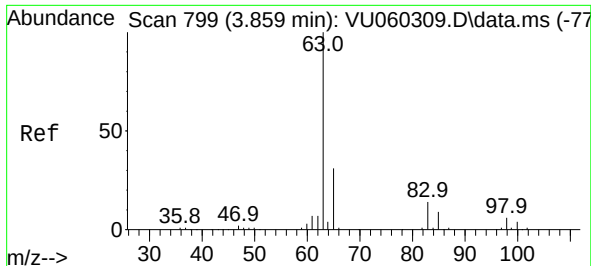
Ion Ratio Lower Upper

96 100

61 145.1 112.8 169.2

98 64.1 48.7 73.1

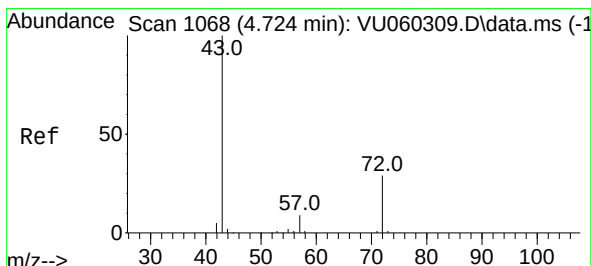
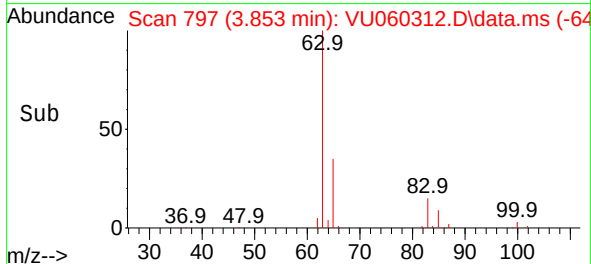
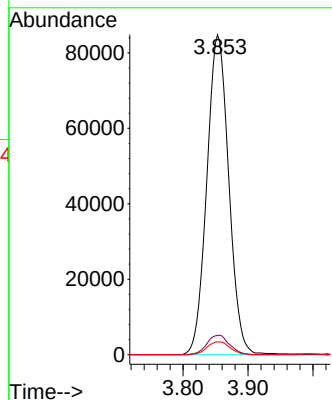
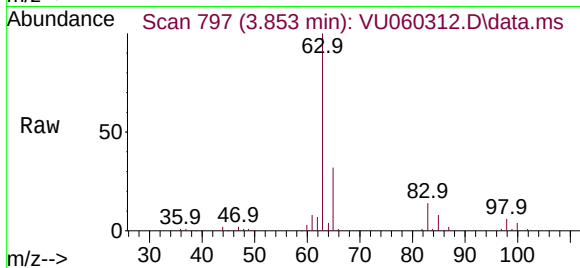




#17
 1,1-Dichloroethane
 Concen: 9.569 ug/l
 RT: 3.853 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VU060312.D
 Acq: 05 Aug 2024 15:14

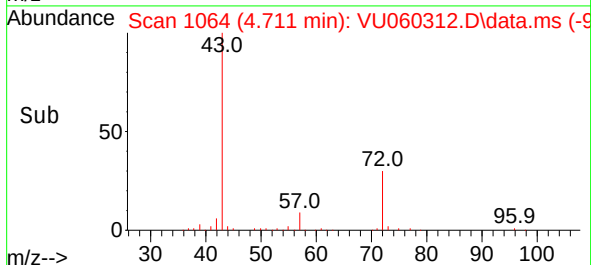
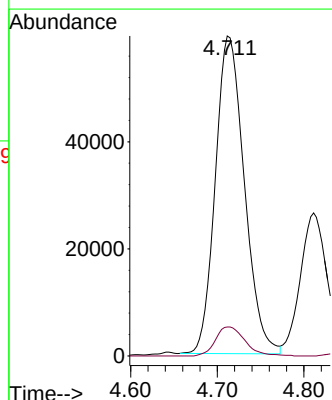
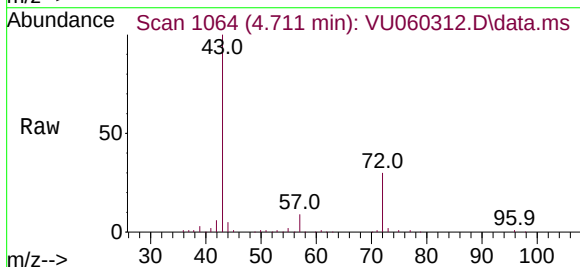
Instrument :
 MSVOA_U
 ClientSampleId :

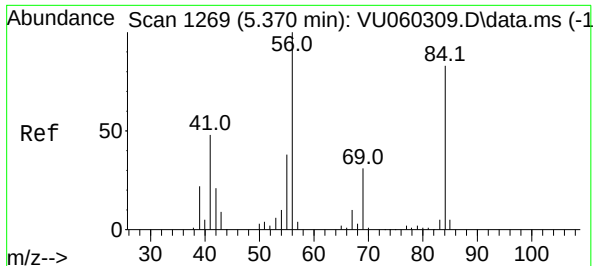
Tgt Ion:	63	Resp:	199048
Ion Ratio	Lower	Upper	
63	100		
98	6.0	3.1	9.4
100	4.0	2.0	5.8



#18
 2-Butanone
 Concen: 37.327 ug/l
 RT: 4.711 min Scan# 1064
 Delta R.T. -0.013 min
 Lab File: VU060312.D
 Acq: 05 Aug 2024 15:14

Tgt Ion:	43	Resp:	138178
Ion Ratio	Lower	Upper	
43	100		
57	9.1	0.0	18.4





#19

Cyclohexane

Concen: 8.777 ug/l

RT: 5.364 min Scan# 1

Delta R.T. -0.006 min

Lab File: VU060312.D

Acq: 05 Aug 2024 15:14

Instrument :

MSVOA_U

ClientSampleId :

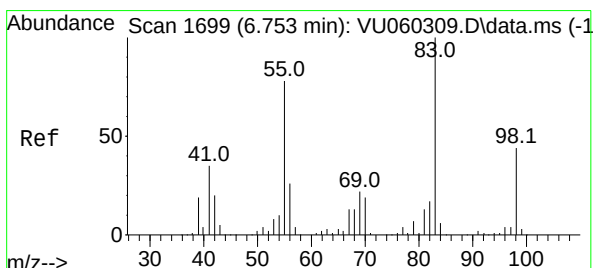
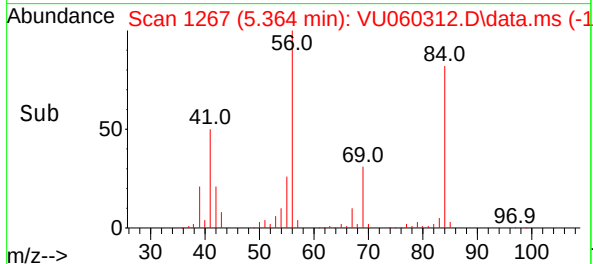
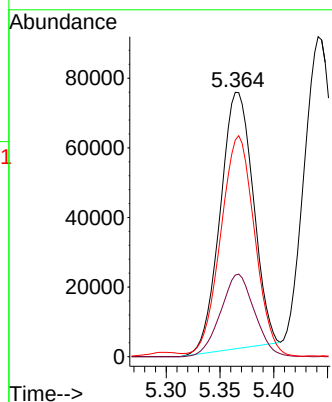
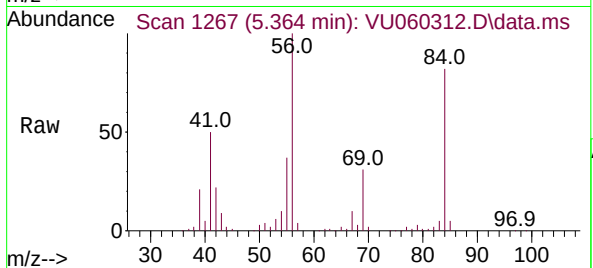
Tgt Ion: 56 Resp: 157371

Ion Ratio Lower Upper

56 100

69 33.1 24.2 36.2

84 87.0 63.9 95.9



#20

Methylcyclohexane

Concen: 10.384 ug/l

RT: 6.750 min Scan# 1698

Delta R.T. -0.003 min

Lab File: VU060312.D

Acq: 05 Aug 2024 15:14

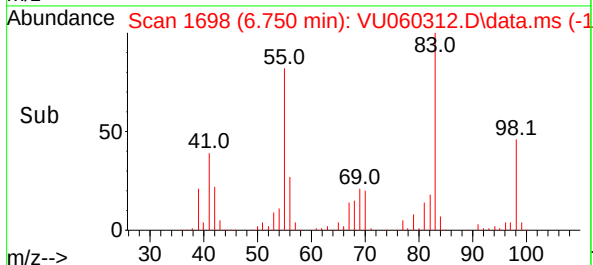
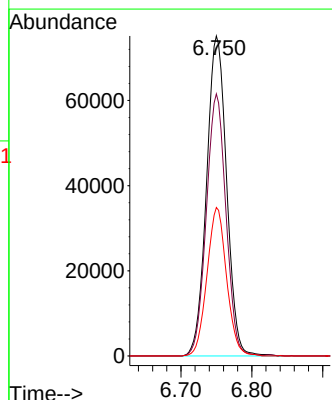
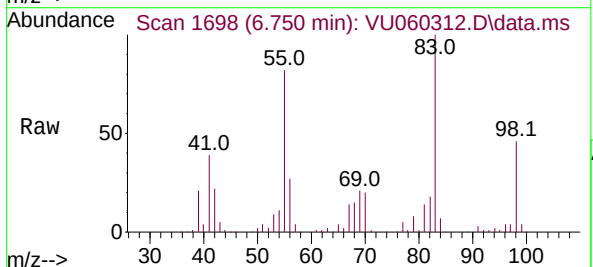
Tgt Ion: 83 Resp: 147759

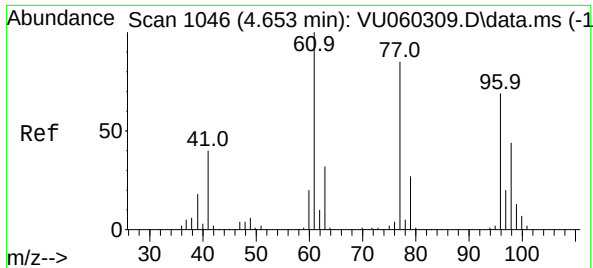
Ion Ratio Lower Upper

83 100

55 79.9 62.2 93.2

98 45.4 36.1 54.1

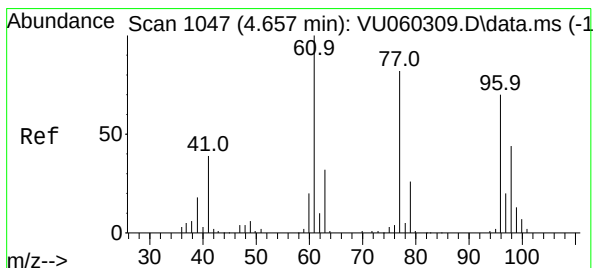
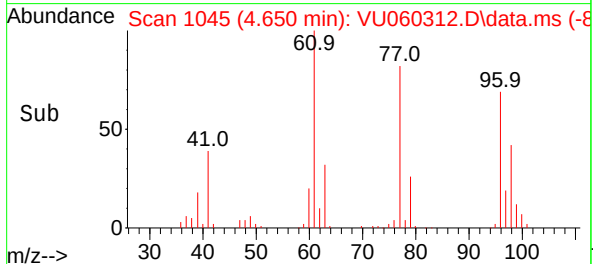
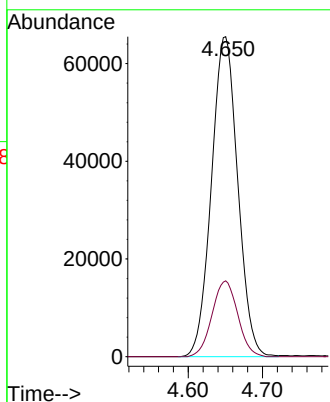
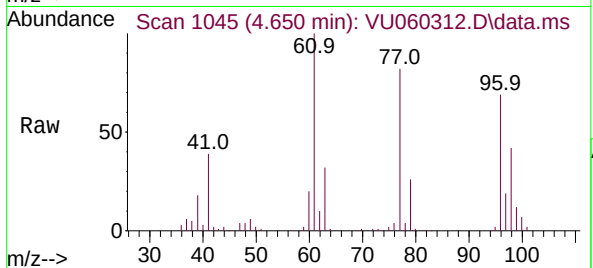




#21
2,2-Dichloropropane
Concen: 9.963 ug/l
RT: 4.650 min Scan# 1045
Delta R.T. -0.003 min
Lab File: VU060312.D
Acq: 05 Aug 2024 15:14

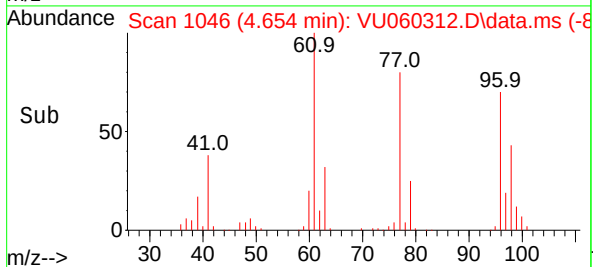
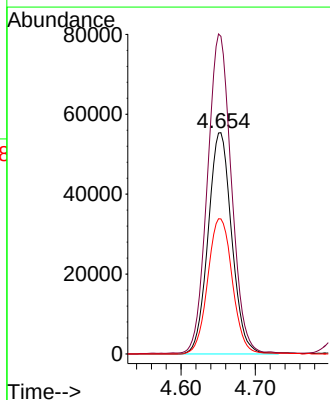
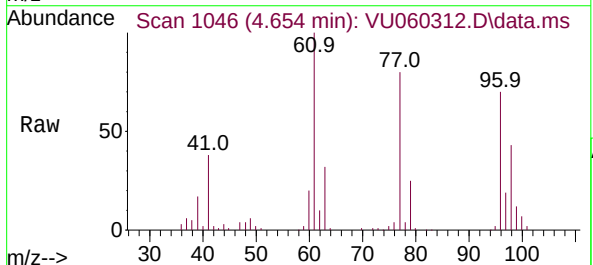
Instrument :
MSVOA_U
ClientSampleId :

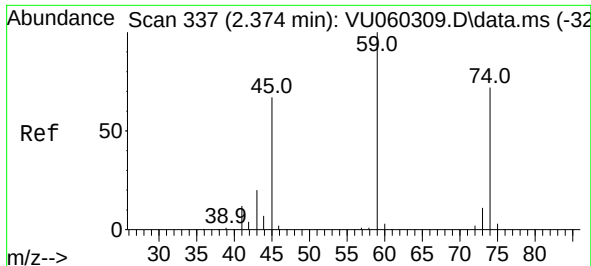
Tgt Ion: 77 Resp: 161396
Ion Ratio Lower Upper
77 100
97 23.1 18.6 27.8



#22
cis-1,2-Dichloroethene
Concen: 10.553 ug/l
RT: 4.654 min Scan# 1046
Delta R.T. -0.003 min
Lab File: VU060312.D
Acq: 05 Aug 2024 15:14

Tgt Ion: 96 Resp: 122311
Ion Ratio Lower Upper
96 100
61 145.8 0.0 372.8
98 63.6 31.8 95.4

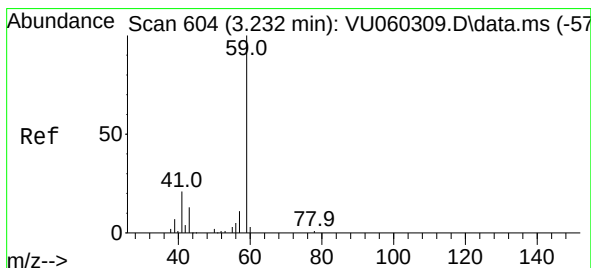
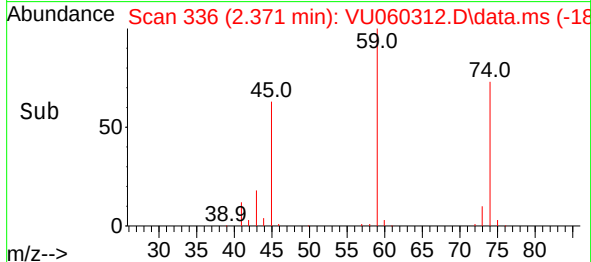
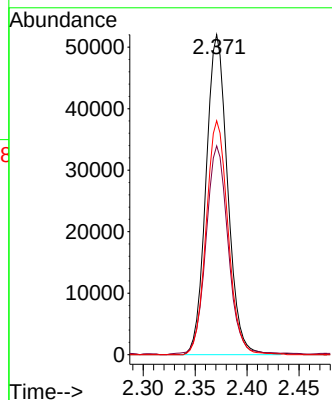
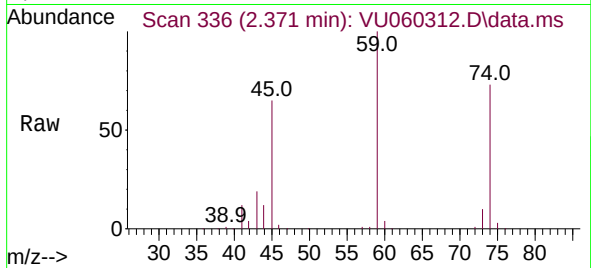




#23
Diethyl Ether
Concen: 9.136 ug/l
RT: 2.371 min Scan# 337
Delta R.T. -0.003 min
Lab File: VU060312.D
Acq: 05 Aug 2024 15:14

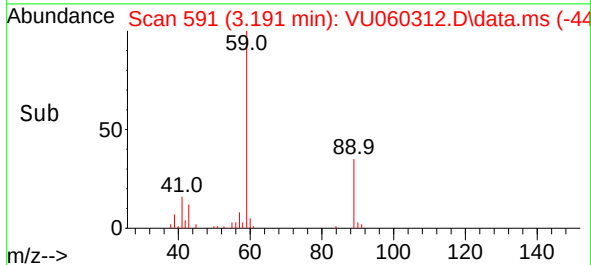
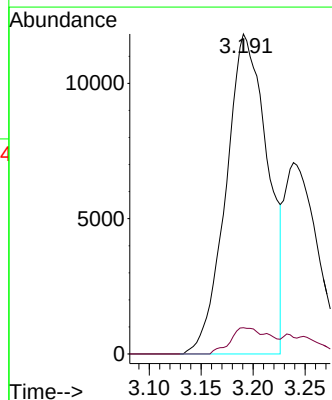
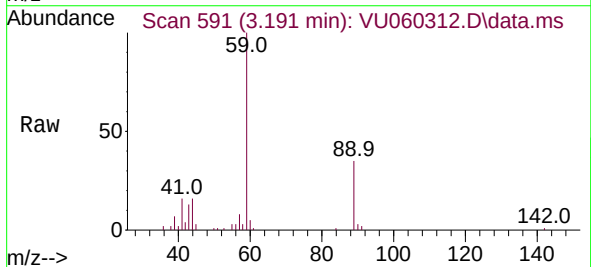
Instrument :
MSVOA_U
ClientSampleId :

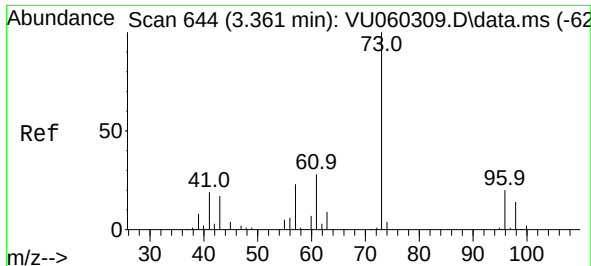
Tgt Ion: 59 Resp: 74968
Ion Ratio Lower Upper
59 100
45 67.9 55.8 83.6
74 74.2 59.2 88.8



#24
tert-Butyl Alcohol
Concen: 30.610 ug/l
RT: 3.191 min Scan# 591
Delta R.T. -0.042 min
Lab File: VU060312.D
Acq: 05 Aug 2024 15:14

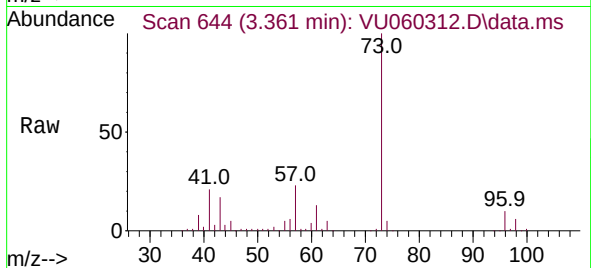
Tgt Ion: 59 Resp: 32907
Ion Ratio Lower Upper
59 100
57 7.7 4.5 6.7#



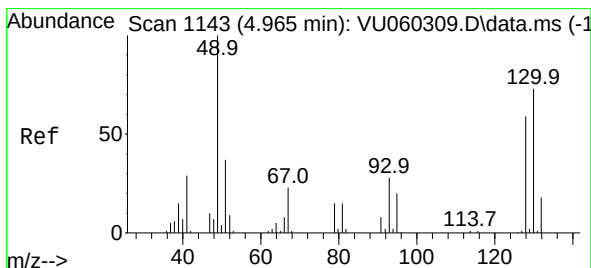
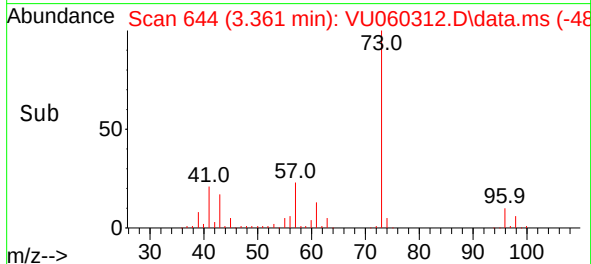
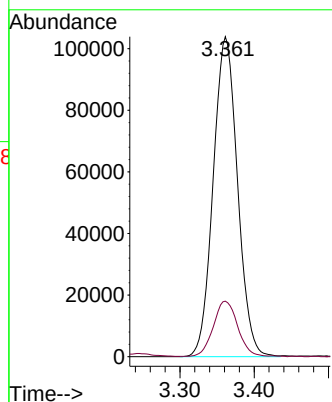


#25
Methyl tert-Butyl Ether
Concen: 9.535 ug/l
RT: 3.361 min Scan# 644
Delta R.T. 0.000 min
Lab File: VU060312.D
Acq: 05 Aug 2024 15:14

Instrument :
MSVOA_U
ClientSampleId :

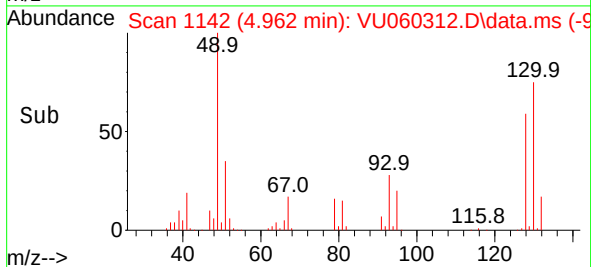
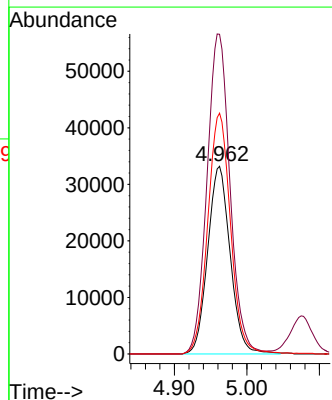
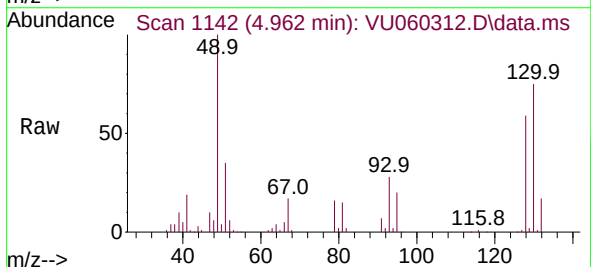


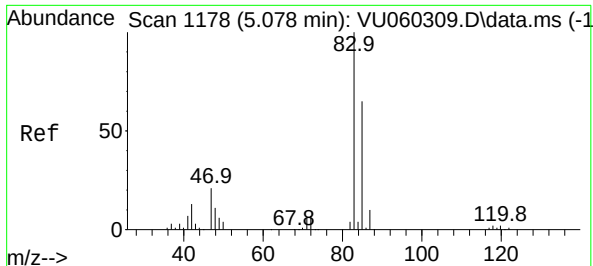
Tgt Ion: 73 Resp: 236355
Ion Ratio Lower Upper
73 100
43 17.6 14.1 21.1



#26
Bromochloromethane
Concen: 14.566 ug/l
RT: 4.962 min Scan# 1142
Delta R.T. -0.003 min
Lab File: VU060312.D
Acq: 05 Aug 2024 15:14

Tgt Ion: 128 Resp: 71486
Ion Ratio Lower Upper
128 100
49 174.3 0.0 340.8
130 129.9 102.1 153.1

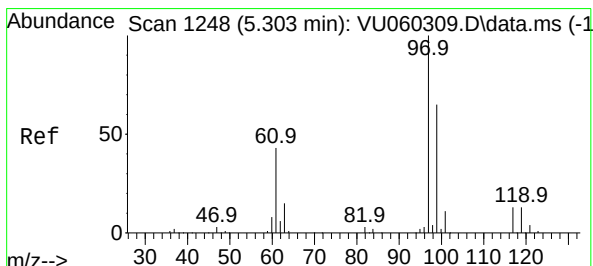
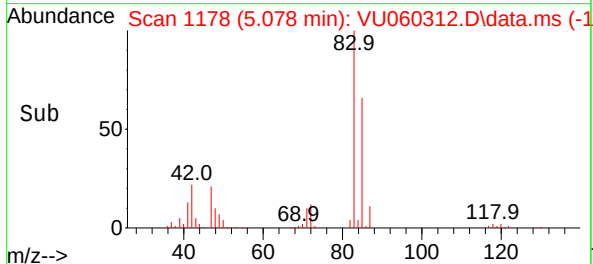
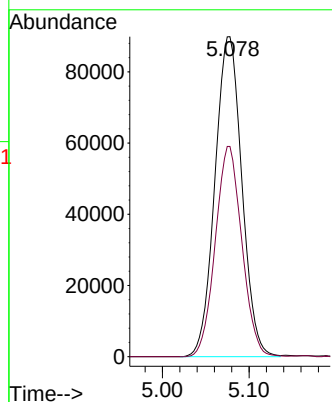
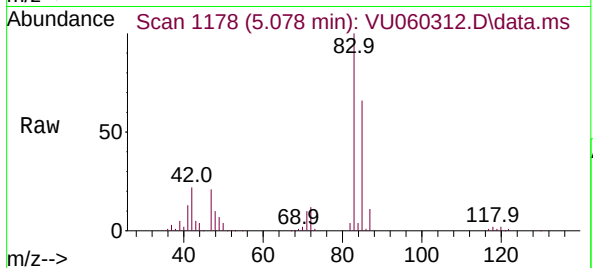




#27
Chloroform
Concen: 9.549 ug/l
RT: 5.078 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VU060312.D
Acq: 05 Aug 2024 15:14

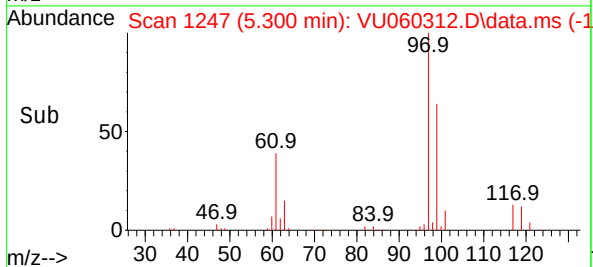
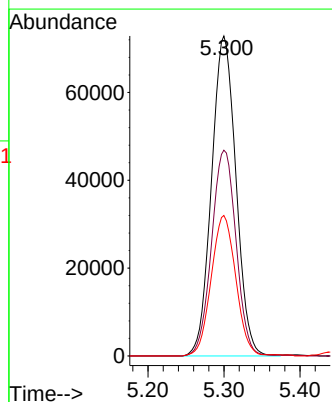
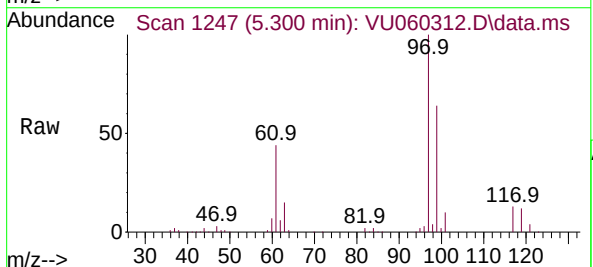
Instrument :
MSVOA_U
ClientSampleId :

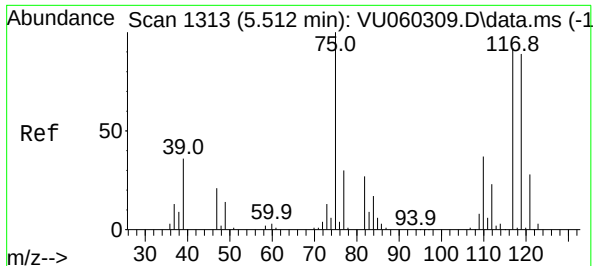
Tgt Ion: 83 Resp: 194368
Ion Ratio Lower Upper
83 100
85 65.7 0.0 131.0



#28
1,1,1-Trichloroethane
Concen: 9.613 ug/l
RT: 5.300 min Scan# 1247
Delta R.T. -0.003 min
Lab File: VU060312.D
Acq: 05 Aug 2024 15:14

Tgt Ion: 97 Resp: 162523
Ion Ratio Lower Upper
97 100
99 64.6 32.8 98.4
61 44.1 22.3 66.9

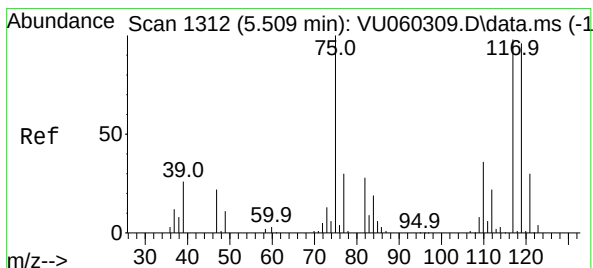
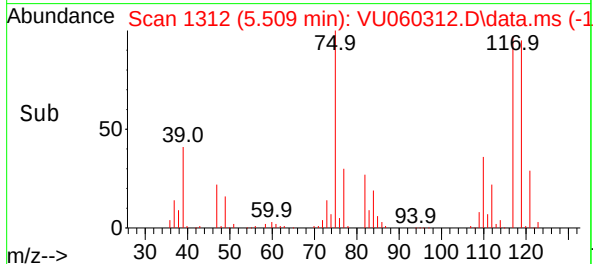
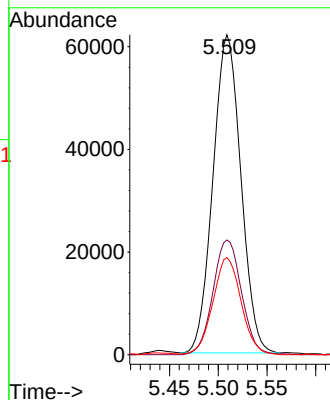
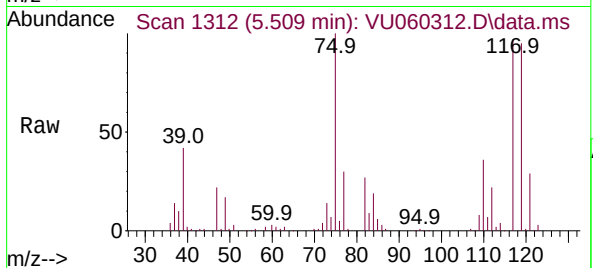




#29
1,1-Dichloropropene
Concen: 9.112 ug/l
RT: 5.509 min Scan# 1312
Delta R.T. -0.003 min
Lab File: VU060312.D
Acq: 05 Aug 2024 15:14

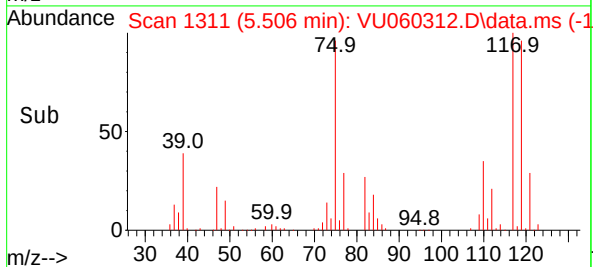
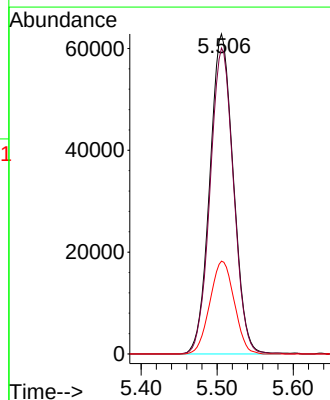
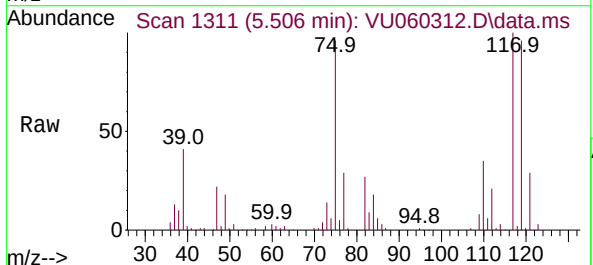
Instrument :
MSVOA_U
ClientSampleId :

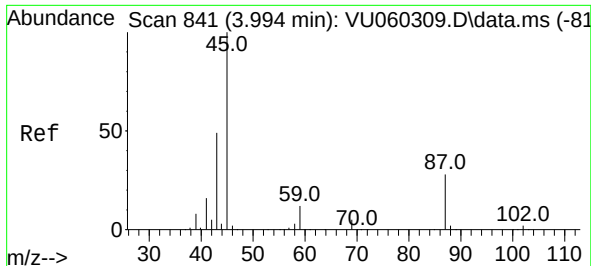
Tgt Ion: 75 Resp: 123438
Ion Ratio Lower Upper
75 100
110 36.9 18.4 55.2
77 30.9 24.8 37.2



#30
Carbon Tetrachloride
Concen: 9.806 ug/l
RT: 5.506 min Scan# 1311
Delta R.T. -0.003 min
Lab File: VU060312.D
Acq: 05 Aug 2024 15:14

Tgt Ion:117 Resp: 135107
Ion Ratio Lower Upper
117 100
119 95.6 77.8 116.6
121 29.0 24.2 36.2

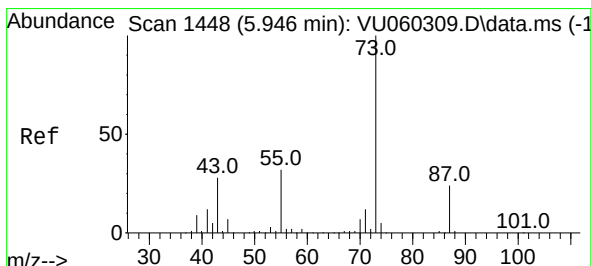
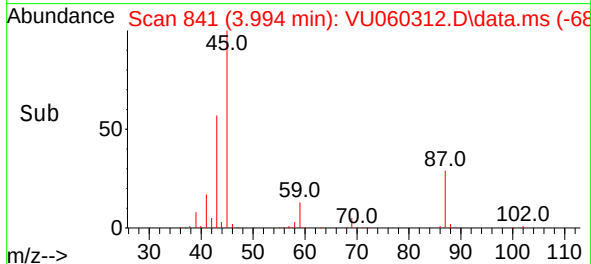
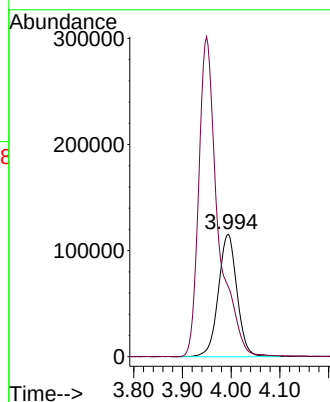
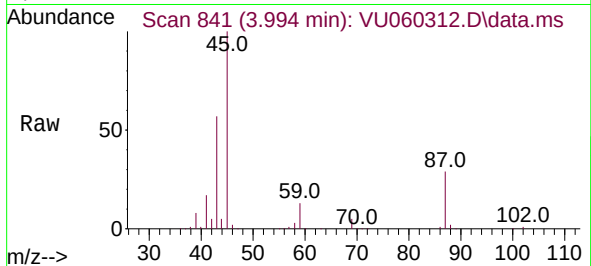




#31
Isopropyl Ether
Concen: 10.081 ug/l
RT: 3.994 min Scan# 841
Delta R.T. 0.000 min
Lab File: VU060312.D
Acq: 05 Aug 2024 15:14

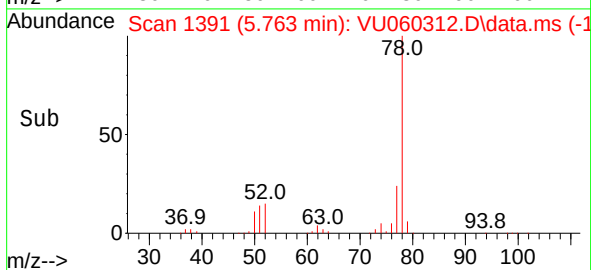
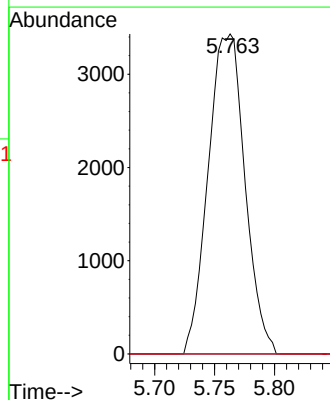
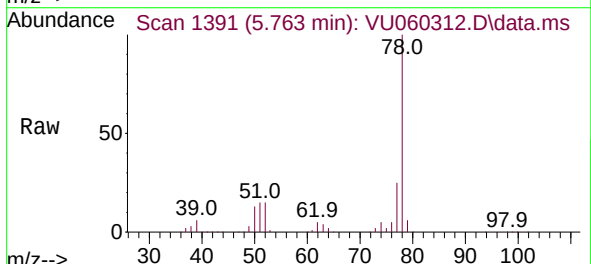
Instrument :
MSVOA_U
ClientSampleId :

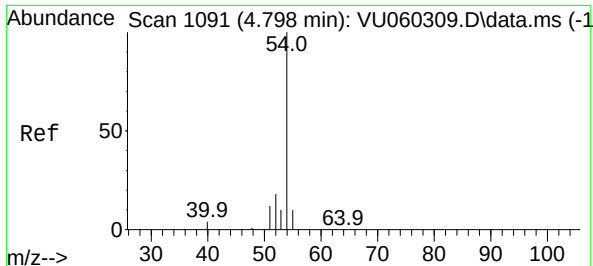
Tgt Ion: 45 Resp: 306525
Ion Ratio Lower Upper
45 100
43 269.6 24.7 74.1#



#33
Tert-Amyl methyl ether
Concen: 0.351 ug/l
RT: 5.763 min Scan# 1391
Delta R.T. -0.183 min
Lab File: VU060312.D
Acq: 05 Aug 2024 15:14

Tgt Ion: 73 Resp: 7323
Ion Ratio Lower Upper
73 100
87 199.2 19.6 29.4#
71 2.6 9.5 14.3#





#34

Propionitrile

Concen: 87.524 ug/l

RT: 4.779 min Scan# 1

Delta R.T. -0.019 min

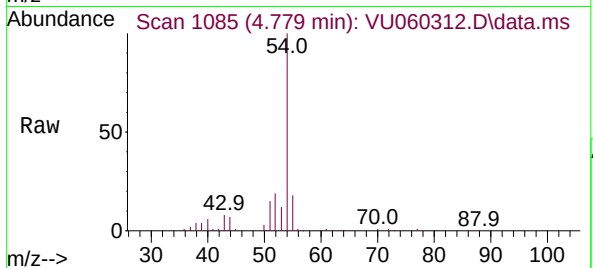
Lab File: VU060312.D

Acq: 05 Aug 2024 15:14

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 54 Resp: 92603

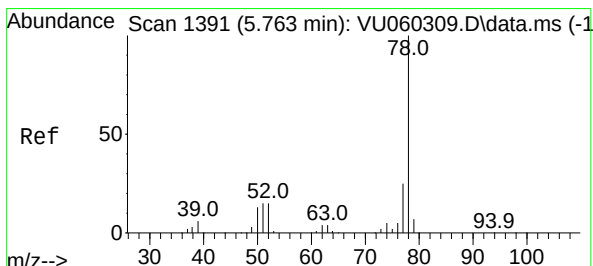
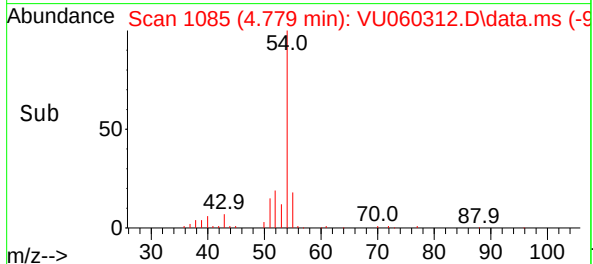
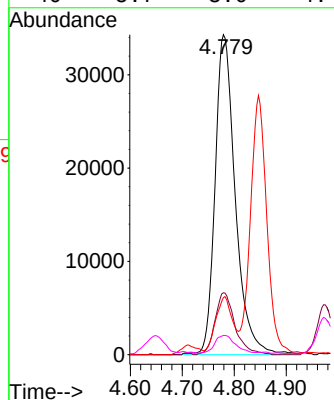
Ion Ratio Lower Upper

54 100

52 19.2 16.4 24.6

55 15.0 5.2 7.8#

40 5.7 3.0 4.4#



#35

Benzene

Concen: 9.959 ug/l

RT: 5.760 min Scan# 1390

Delta R.T. -0.003 min

Lab File: VU060312.D

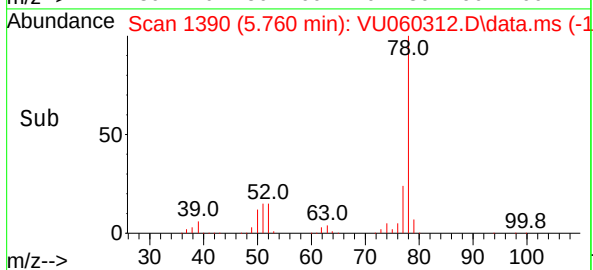
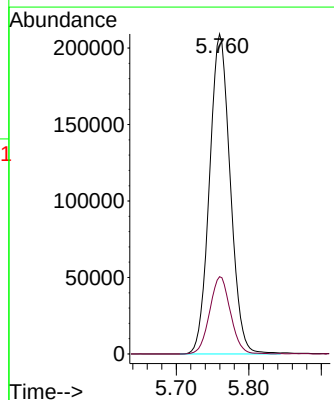
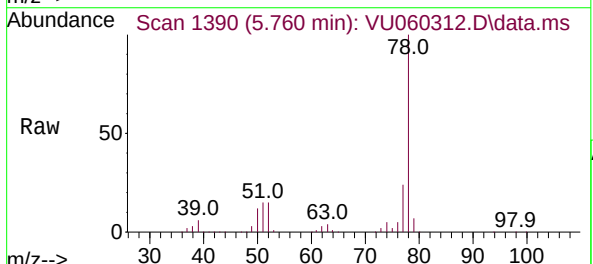
Acq: 05 Aug 2024 15:14

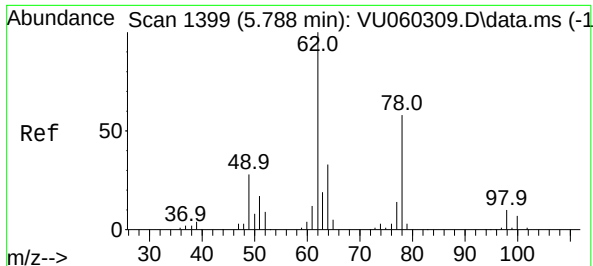
Tgt Ion: 78 Resp: 415739

Ion Ratio Lower Upper

78 100

77 24.2 20.2 30.2

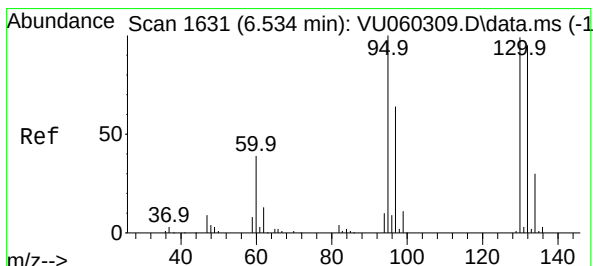
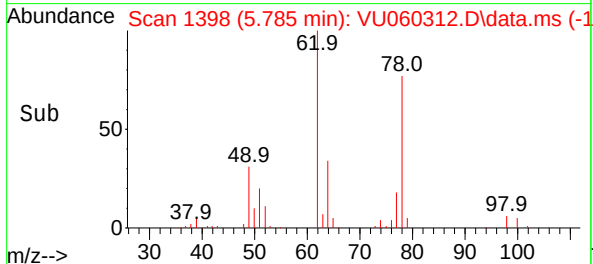
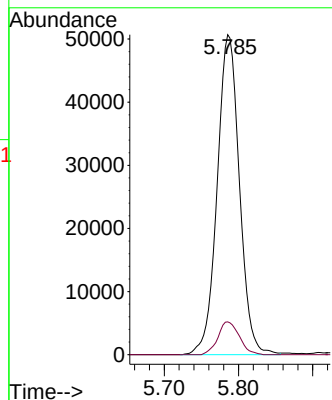
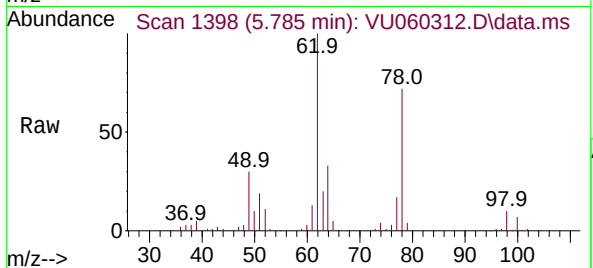




#36
1,2-Dichloroethane
Concen: 9.118 ug/l
RT: 5.785 min Scan# 1399
Delta R.T. -0.003 min
Lab File: VU060312.D
Acq: 05 Aug 2024 15:14

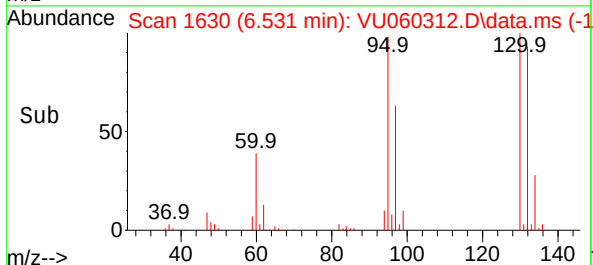
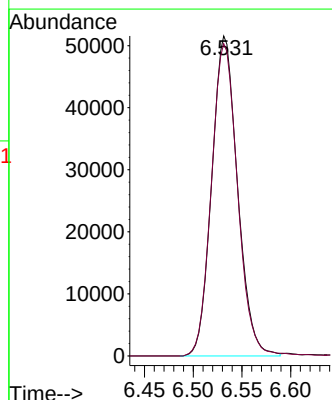
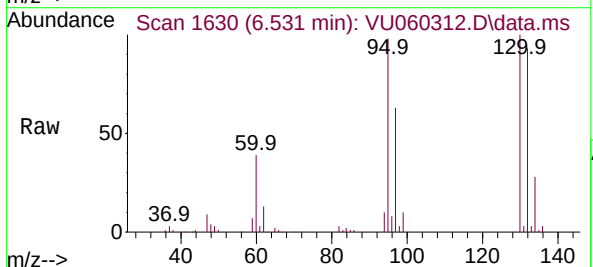
Instrument :
MSVOA_U
ClientSampleId :

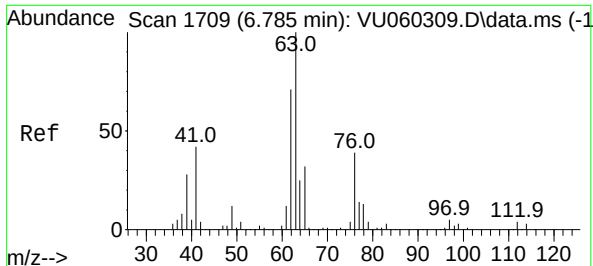
Tgt Ion: 62 Resp: 105773
Ion Ratio Lower Upper
62 100
98 9.9 8.1 12.1



#37
Trichloroethene
Concen: 9.172 ug/l
RT: 6.531 min Scan# 1630
Delta R.T. -0.003 min
Lab File: VU060312.D
Acq: 05 Aug 2024 15:14

Tgt Ion:130 Resp: 94786
Ion Ratio Lower Upper
130 100
95 97.6 80.6 121.0

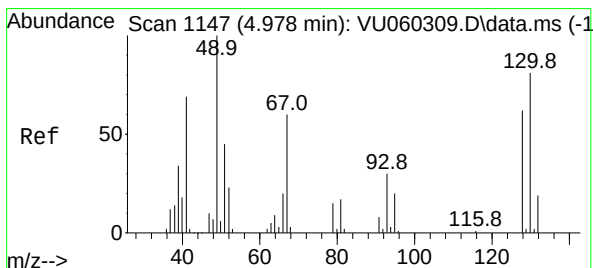
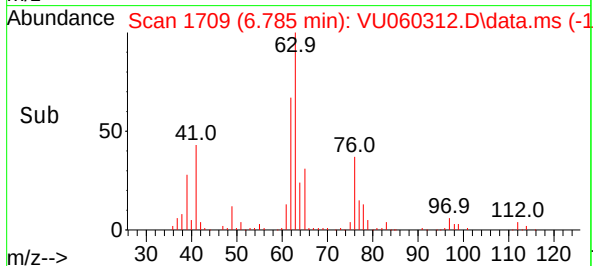
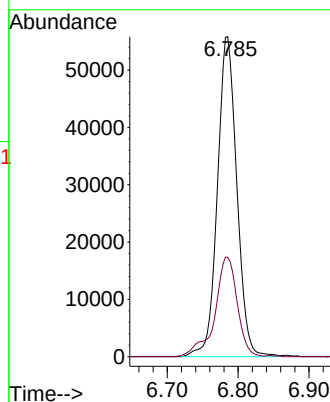
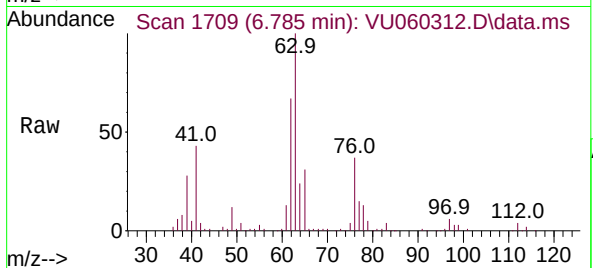




#38
1,2-Dichloropropane
Concen: 9.412 ug/l
RT: 6.785 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VU060312.D
Acq: 05 Aug 2024 15:14

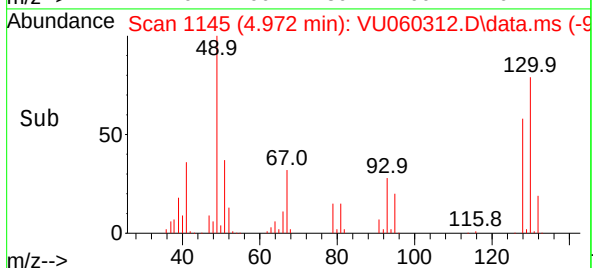
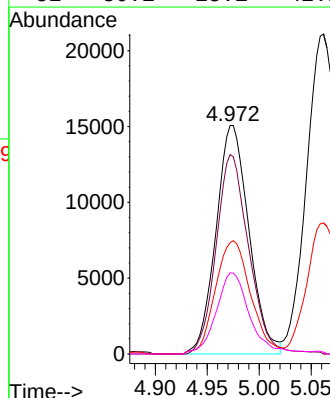
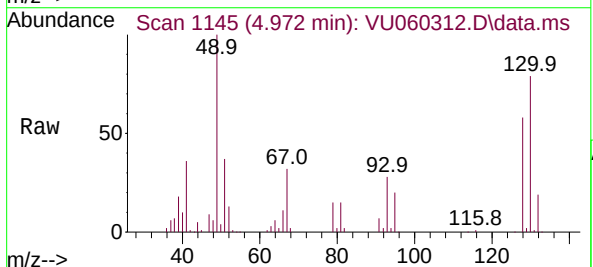
Instrument :
MSVOA_U
ClientSampleId :

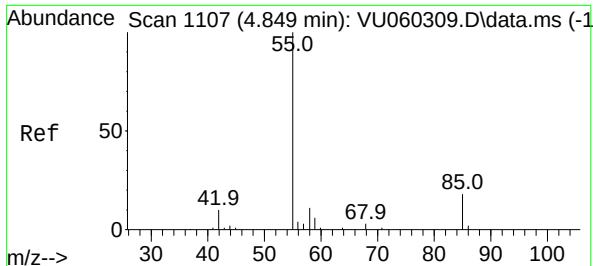
Tgt Ion: 63 Resp: 106281
Ion Ratio Lower Upper
63 100
65 30.9 25.6 38.4



#39
Methacrylonitrile
Concen: 8.683 ug/l
RT: 4.972 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VU060312.D
Acq: 05 Aug 2024 15:14

Tgt Ion: 41 Resp: 33251
Ion Ratio Lower Upper
41 100
67 86.6 67.4 101.0
39 52.9 41.7 62.5
52 36.1 28.1 42.1





#40

Methyl acrylate

Concen: 8.907 ug/l

RT: 4.846 min Scan# 1106

Delta R.T. -0.003 min

Lab File: VU060312.D

Acq: 05 Aug 2024 15:14

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 55 Resp: 59723

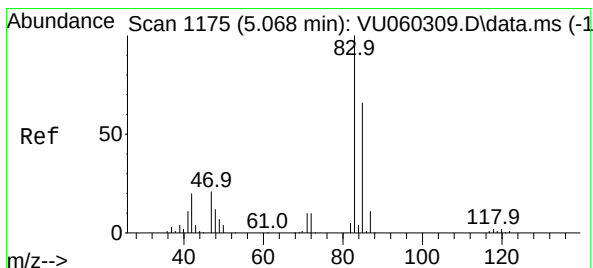
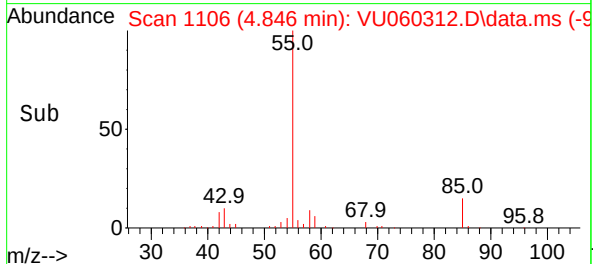
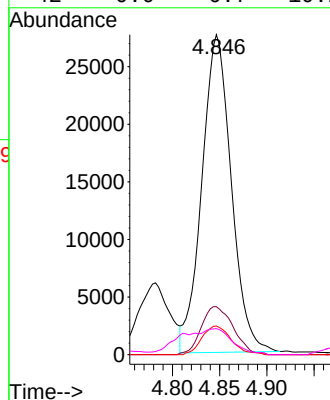
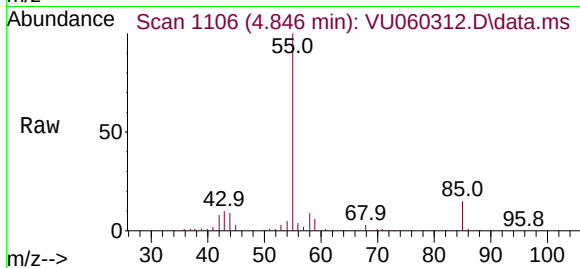
Ion Ratio Lower Upper

55 100

85 16.5 13.6 20.4

58 9.0 7.6 11.4

42 0.0 6.7 10.1#



#41

Tetrahydrofuran

Concen: 40.245 ug/l

RT: 5.062 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VU060312.D

Acq: 05 Aug 2024 15:14

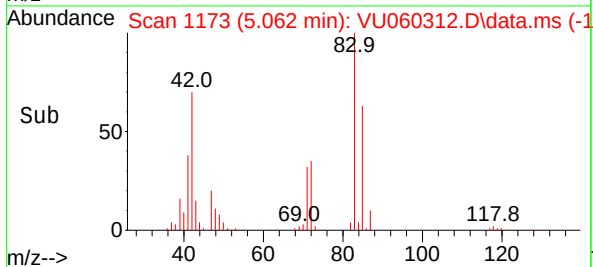
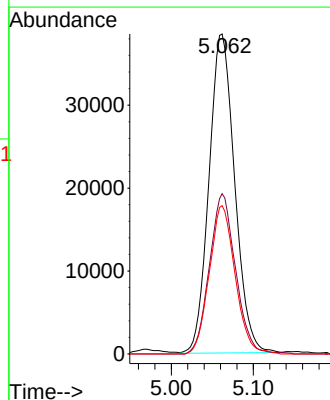
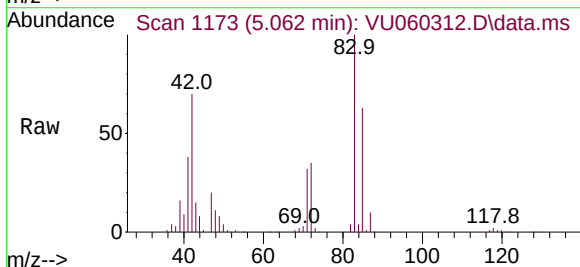
Tgt Ion: 42 Resp: 83913

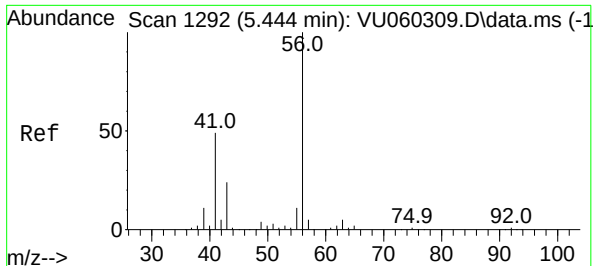
Ion Ratio Lower Upper

42 100

72 51.0 40.6 60.8

71 46.6 38.0 57.0





#42

1-Chlorobutane

Concen: 9.978 ug/l

RT: 5.441 min Scan# 1748

Delta R.T. -0.003 min

Lab File: VU060312.D

Acq: 05 Aug 2024 15:14

Instrument :

MSVOA_U

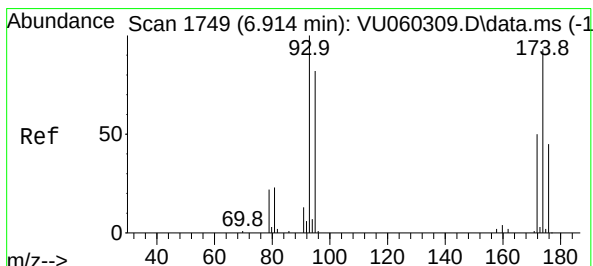
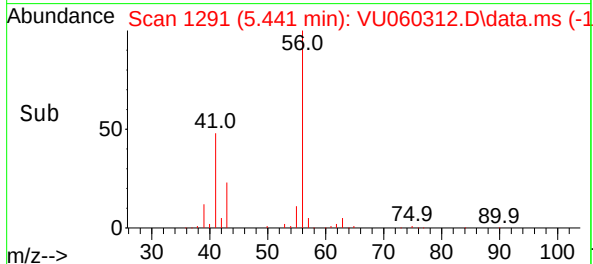
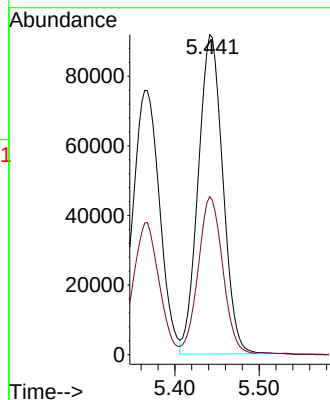
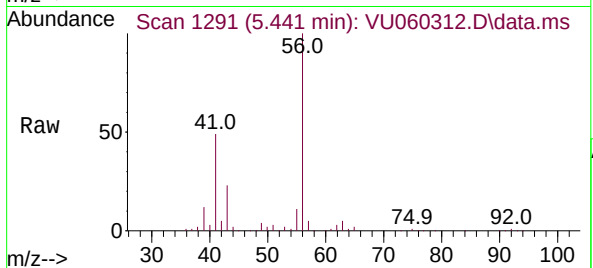
ClientSampleId :

Tgt Ion: 56 Resp: 186388

Ion Ratio Lower Upper

56 100

41 48.5 23.8 71.5



#43

Dibromomethane

Concen: 9.703 ug/l

RT: 6.911 min Scan# 1748

Delta R.T. -0.003 min

Lab File: VU060312.D

Acq: 05 Aug 2024 15:14

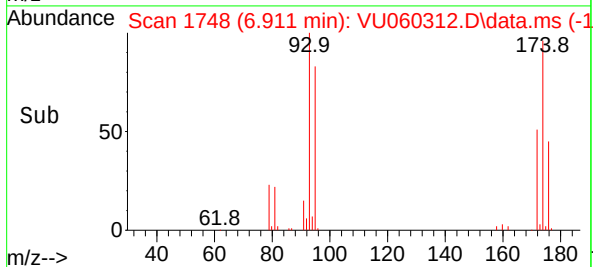
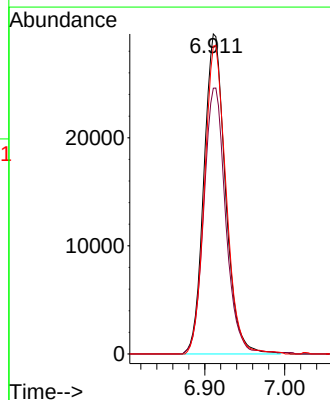
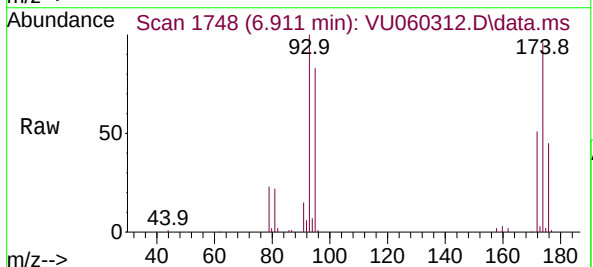
Tgt Ion: 93 Resp: 55433

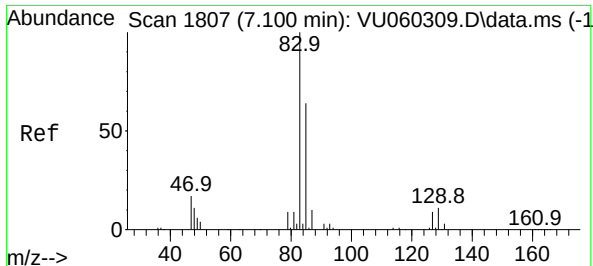
Ion Ratio Lower Upper

93 100

95 84.5 66.4 99.6

174 96.6 75.2 112.8

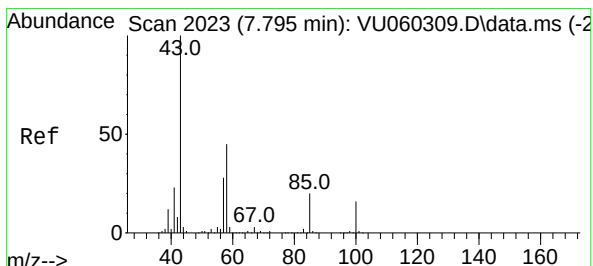
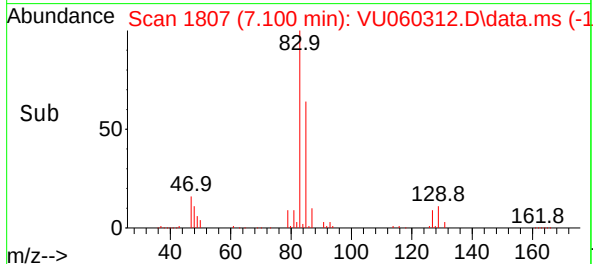
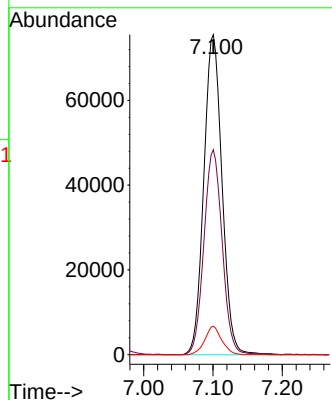
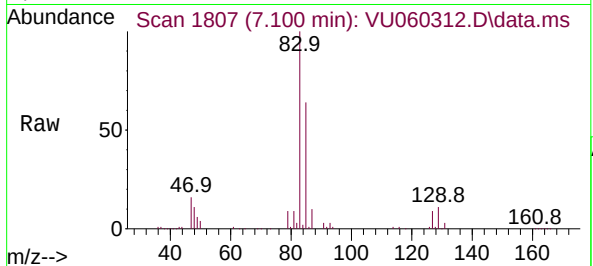




#44
Bromodichloromethane
Concen: 10.037 ug/l
RT: 7.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU060312.D
Acq: 05 Aug 2024 15:14

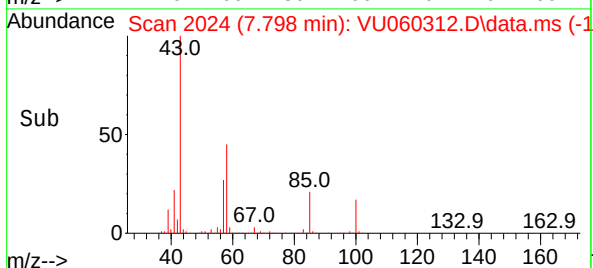
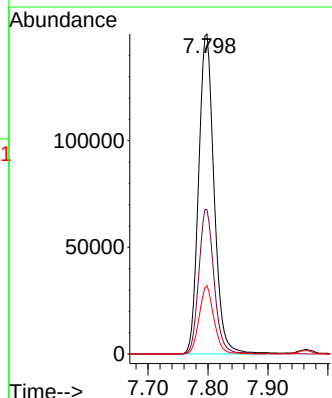
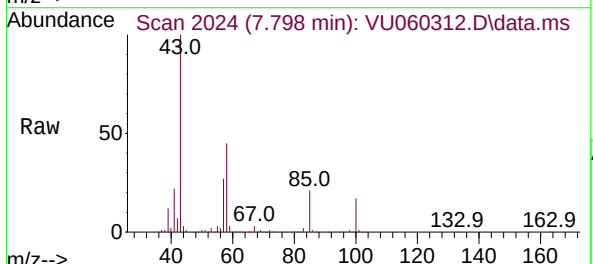
Instrument :
MSVOA_U
ClientSampleId :

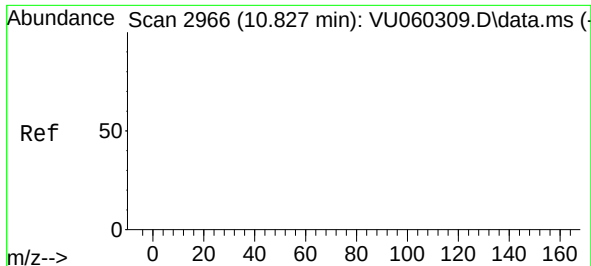
Tgt Ion: 83 Resp: 137663
Ion Ratio Lower Upper
83 100
85 64.0 51.3 76.9
127 8.9 6.8 10.2



#45
4-Methyl-2-Pentanone
Concen: 50.272 ug/l
RT: 7.798 min Scan# 2024
Delta R.T. 0.003 min
Lab File: VU060312.D
Acq: 05 Aug 2024 15:14

Tgt Ion: 43 Resp: 269660
Ion Ratio Lower Upper
43 100
58 44.6 22.3 66.9
85 20.2 16.0 24.0





#46

t-1,4-Dichloro-2-butene

Concen: 31.736 ug/l

RT: 10.817 min Scan# 2963

Delta R.T. -0.009 min

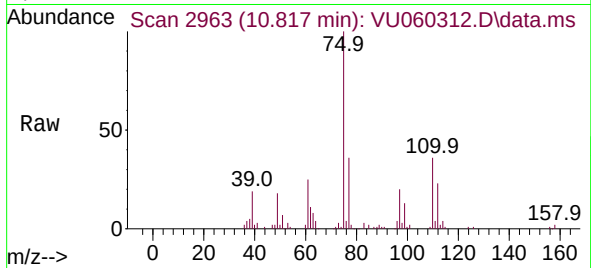
Lab File: VU060312.D

Acq: 05 Aug 2024 15:14

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 95391

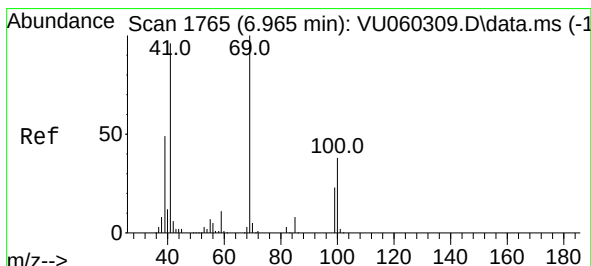
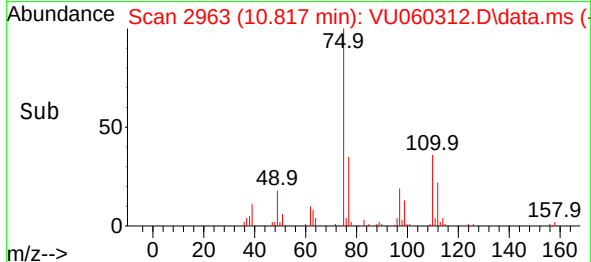
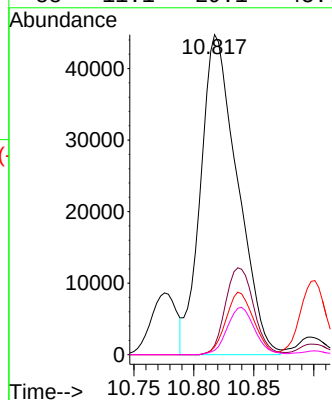
Ion Ratio Lower Upper

75 100

53 21.1 57.2 85.8#

89 14.8 40.4 60.6#

88 11.1 29.1 43.7#



#47

Methyl methacrylate

Concen: 8.957 ug/l

RT: 6.965 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VU060312.D

Acq: 05 Aug 2024 15:14

Tgt Ion: 69 Resp: 41521

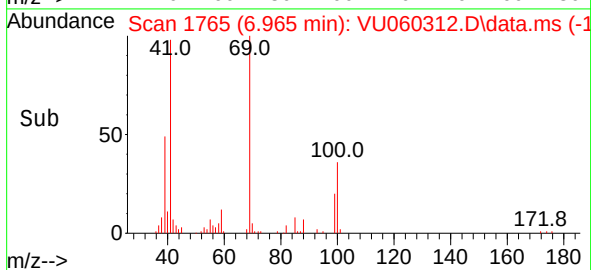
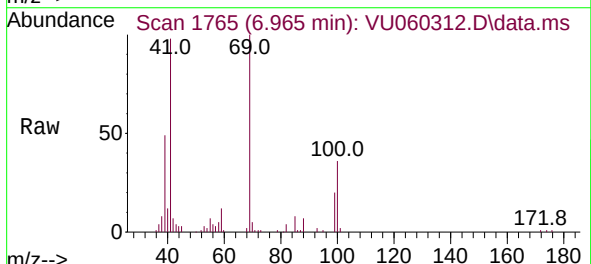
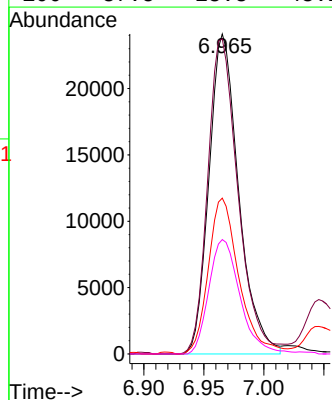
Ion Ratio Lower Upper

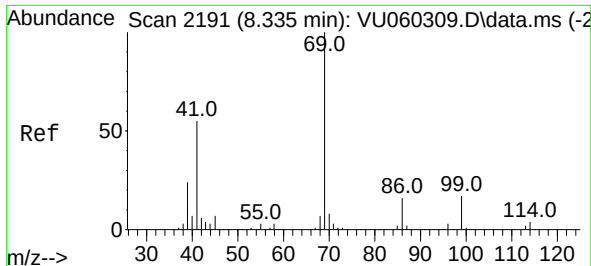
69 100

41 100.8 0.0 194.0

39 50.4 38.0 57.0

100 37.5 28.8 43.2





#48

Ethyl methacrylate

Concen: 10.937 ug/l

RT: 8.335 min Scan# 2191

Delta R.T. 0.000 min

Lab File: VU060312.D

Acq: 05 Aug 2024 15:14

Instrument :

MSVOA_U

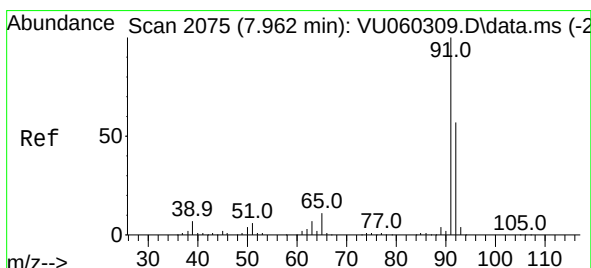
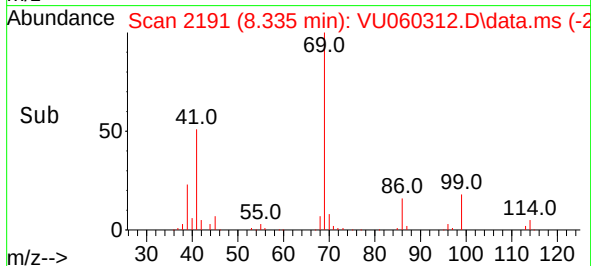
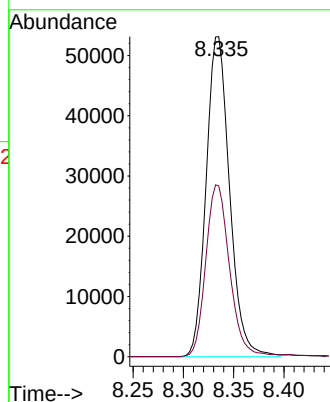
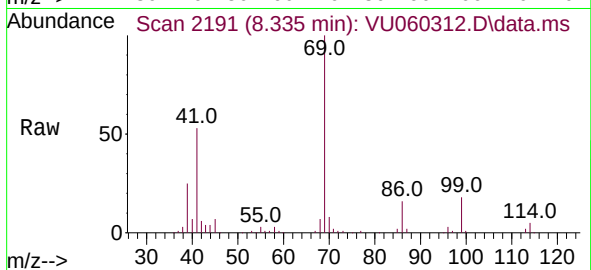
ClientSampleId :

Tgt Ion: 69 Resp: 86079

Ion Ratio Lower Upper

69 100

41 54.6 27.5 82.5



#49

Toluene

Concen: 10.843 ug/l

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU060312.D

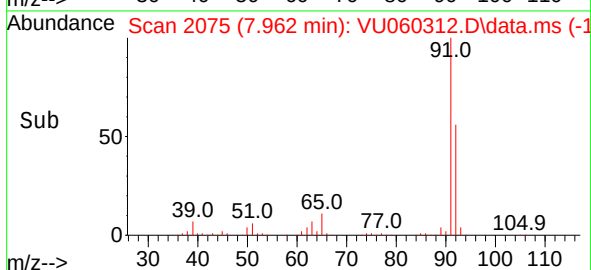
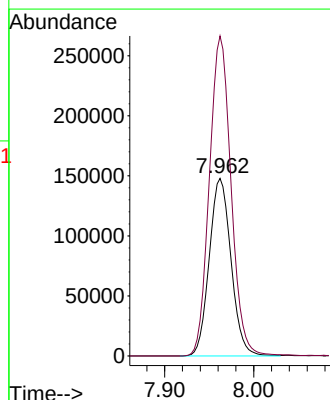
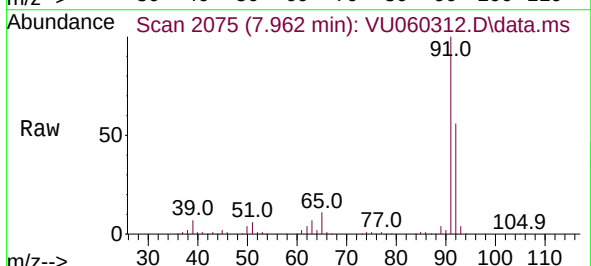
Acq: 05 Aug 2024 15:14

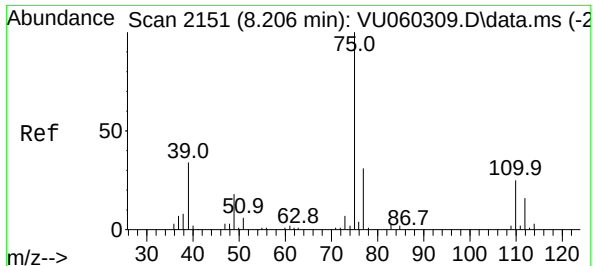
Tgt Ion: 92 Resp: 250989

Ion Ratio Lower Upper

92 100

91 179.8 141.0 211.4





#50

t-1,3-Dichloropropene

Concen: 10.182 ug/l

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU060312.D

Acq: 05 Aug 2024 15:14

Instrument :

MSVOA_U

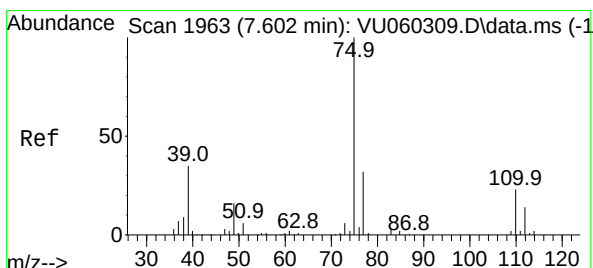
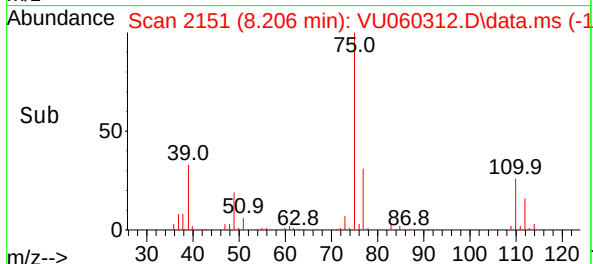
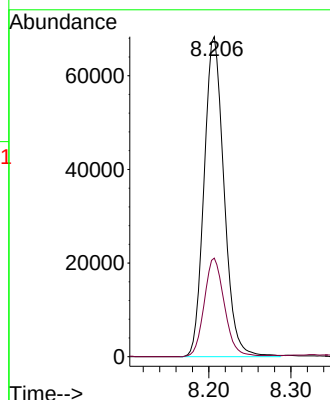
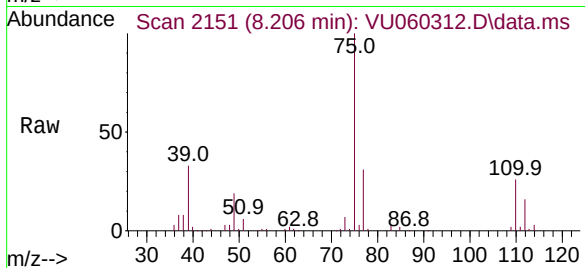
ClientSampleId :

Tgt Ion: 75 Resp: 115294

Ion Ratio Lower Upper

75 100

77 30.8 24.6 37.0



#51

cis-1,3-Dichloropropene

Concen: 9.593 ug/l

RT: 7.602 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VU060312.D

Acq: 05 Aug 2024 15:14

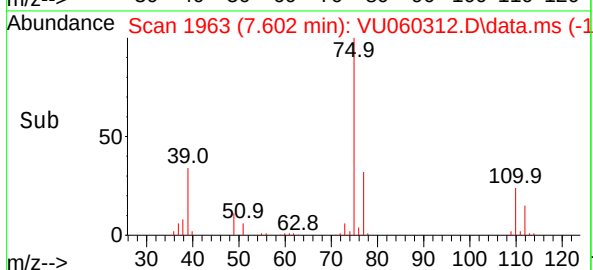
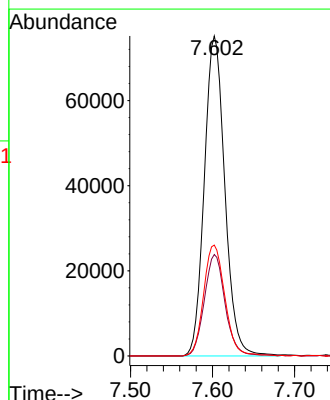
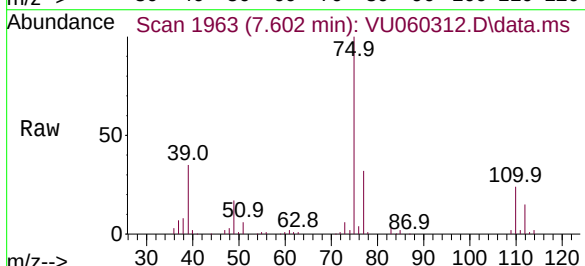
Tgt Ion: 75 Resp: 130670

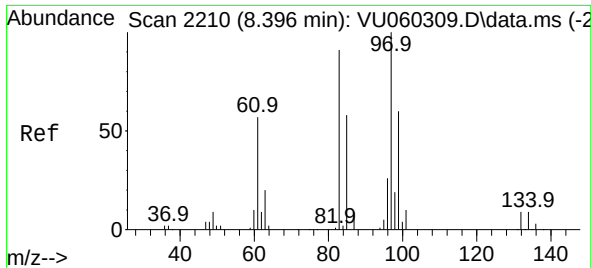
Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.0

39 34.6 28.0 42.0

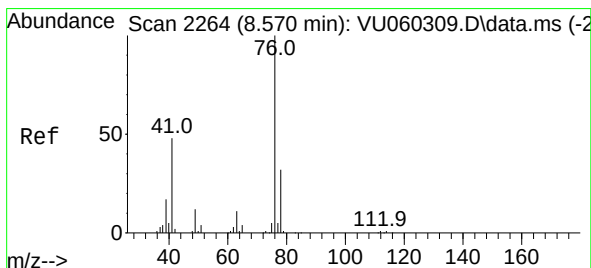
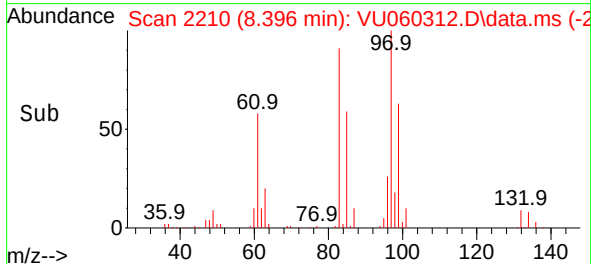
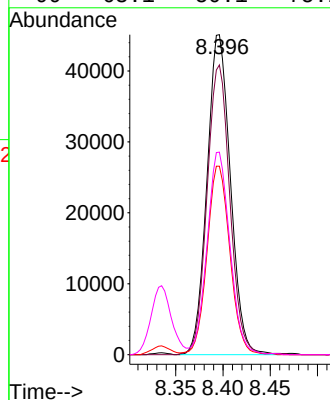
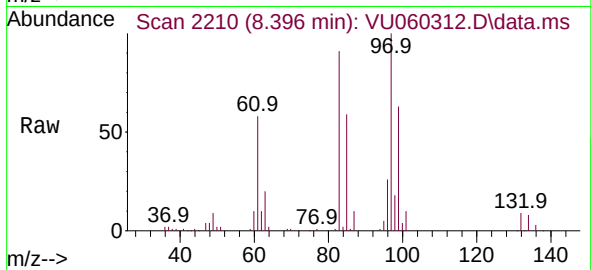




#52
1,1,2-Trichloroethane
Concen: 9.278 ug/l
RT: 8.396 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VU060312.D
Acq: 05 Aug 2024 15:14

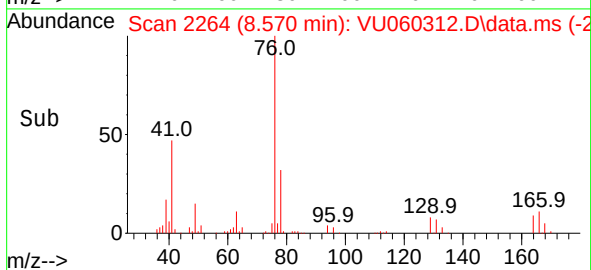
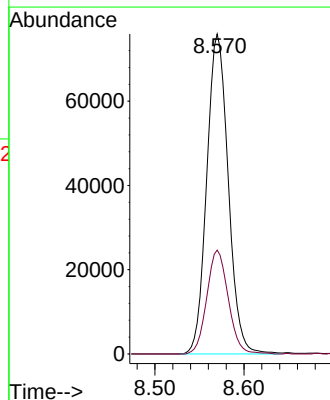
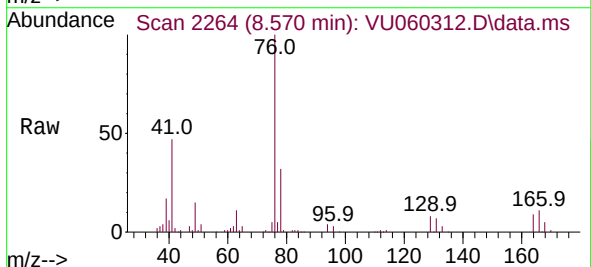
Instrument :
MSVOA_U
ClientSampleId :

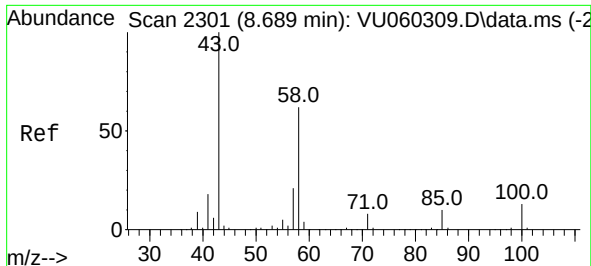
Tgt Ion:	97	Resp:	77801
Ion	Ratio	Lower	Upper
97	100		
83	90.3	73.0	109.4
85	58.9	46.2	69.4
99	63.1	50.1	75.1



#53
1,3-Dichloropropane
Concen: 9.503 ug/l
RT: 8.570 min Scan# 2264
Delta R.T. 0.000 min
Lab File: VU060312.D
Acq: 05 Aug 2024 15:14

Tgt Ion:	76	Resp:	127158
Ion	Ratio	Lower	Upper
76	100		
78	32.4	26.2	39.2

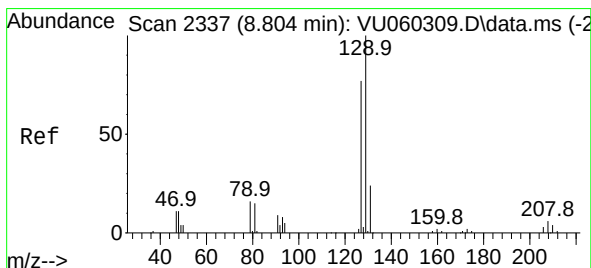
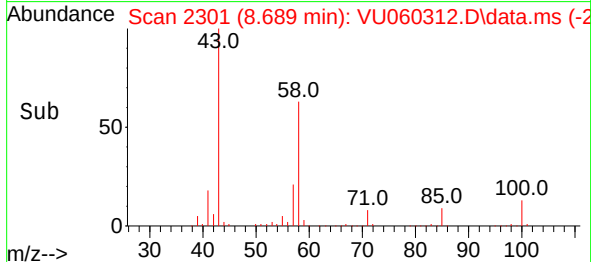
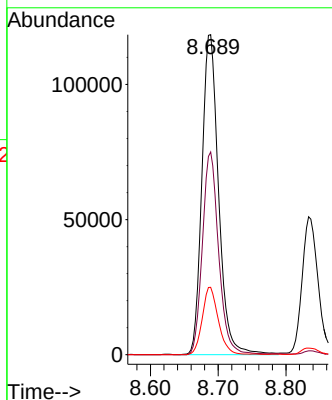
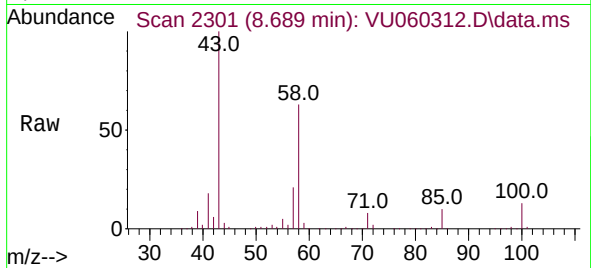




#54
2-Hexanone
Concen: 48.773 ug/l
RT: 8.689 min Scan# 2301
Delta R.T. 0.000 min
Lab File: VU060312.D
Acq: 05 Aug 2024 15:14

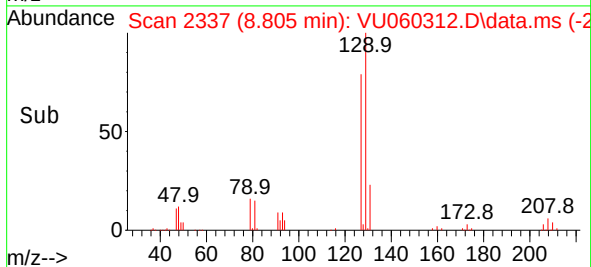
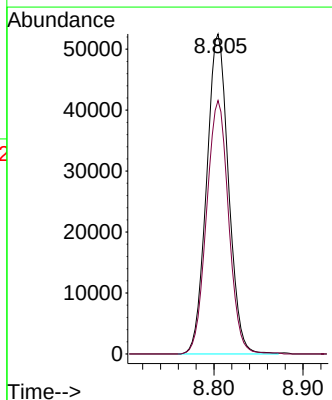
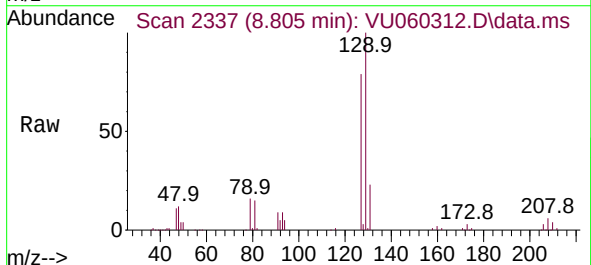
Instrument :
MSVOA_U
ClientSampleId :

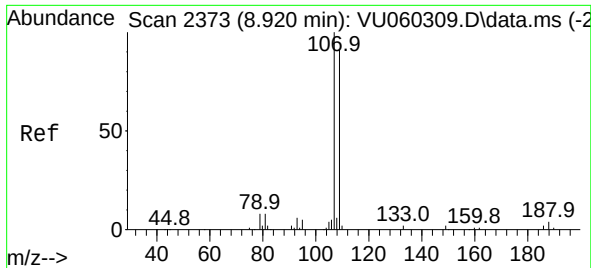
Tgt Ion: 43 Resp: 202770
Ion Ratio Lower Upper
43 100
58 61.6 40.1 80.1
57 20.3 0.3 40.3



#55
Dibromochloromethane
Concen: 9.741 ug/l
RT: 8.805 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU060312.D
Acq: 05 Aug 2024 15:14

Tgt Ion: 129 Resp: 89599
Ion Ratio Lower Upper
129 100
127 79.7 61.6 92.4





#56

1,2-Dibromoethane

Concen: 9.370 ug/l

RT: 8.917 min Scan# 2372

Delta R.T. -0.003 min

Lab File: VU060312.D

Acq: 05 Aug 2024 15:14

Instrument :

MSVOA_U

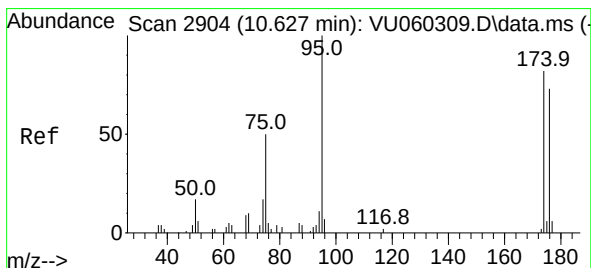
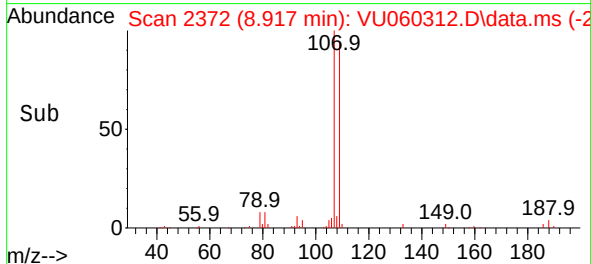
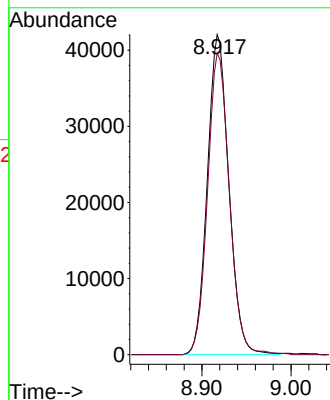
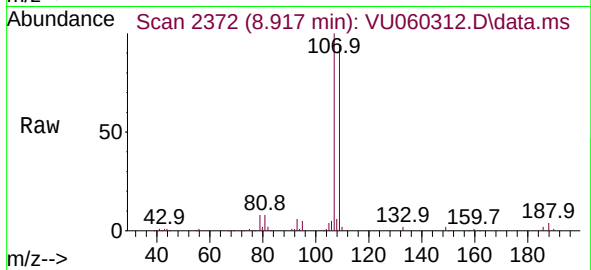
ClientSampleId :

Tgt Ion:107 Resp: 70461

Ion Ratio Lower Upper

107 100

109 95.6 0.0 184.0



#57

4-Bromofluorobenzene

Concen: 1.072 ug/l

RT: 10.628 min Scan# 2904

Delta R.T. 0.000 min

Lab File: VU060312.D

Acq: 05 Aug 2024 15:14

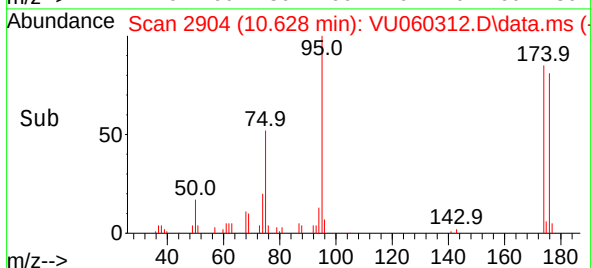
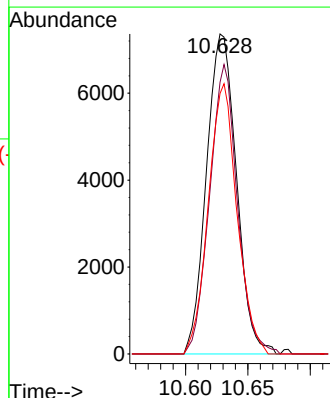
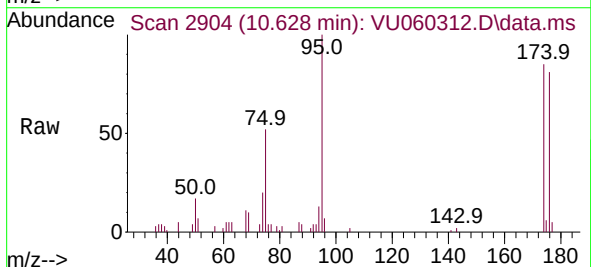
Tgt Ion: 95 Resp: 12341

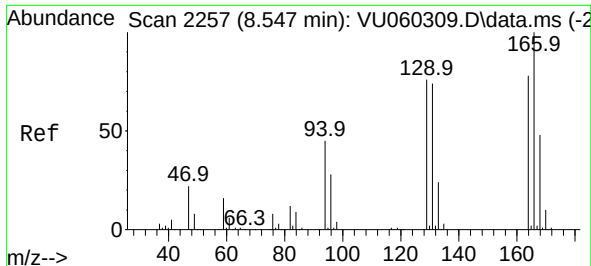
Ion Ratio Lower Upper

95 100

174 83.9 65.6 98.4

176 80.9 60.4 90.6





#58

Tetrachloroethene

Concen: 10.198 ug/l

RT: 8.544 min Scan# 21

Delta R.T. -0.003 min

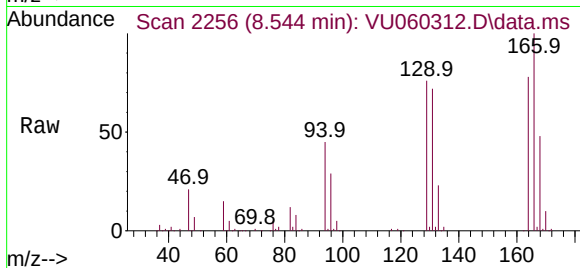
Lab File: VU060312.D

Acq: 05 Aug 2024 15:14

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 94187

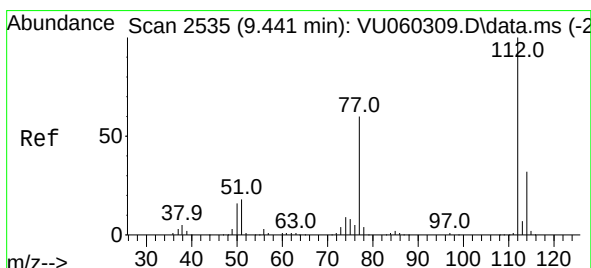
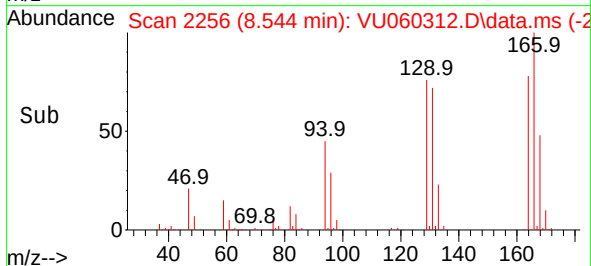
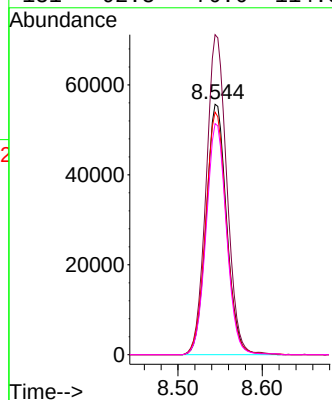
Ion Ratio Lower Upper

164 100

166 127.8 102.9 154.3

129 96.8 78.0 117.0

131 92.3 76.6 114.8



#59

Chlorobenzene

Concen: 10.505 ug/l

RT: 9.441 min Scan# 2535

Delta R.T. 0.000 min

Lab File: VU060312.D

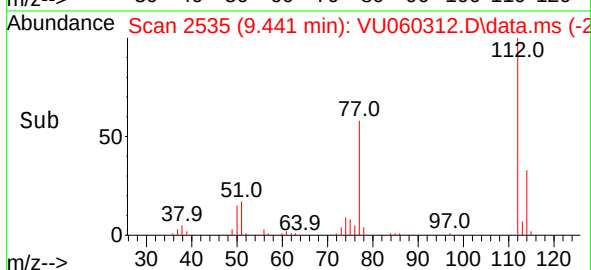
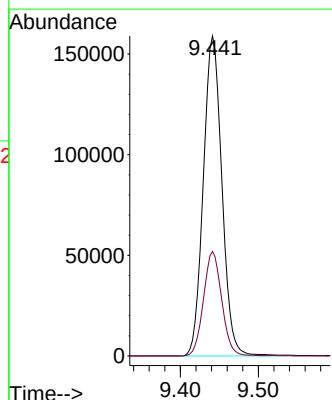
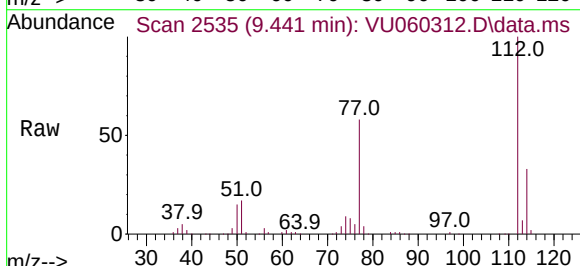
Acq: 05 Aug 2024 15:14

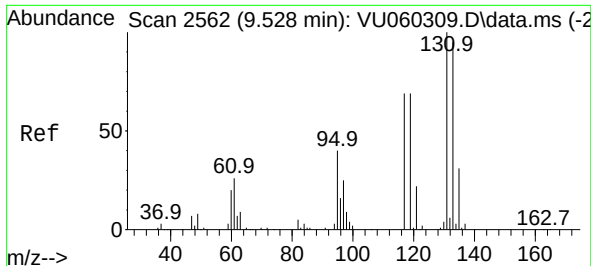
Tgt Ion:112 Resp: 263269

Ion Ratio Lower Upper

112 100

114 32.6 25.3 37.9





#60

1,1,1,2-Tetrachloroethane

Concen: 9.600 ug/l

RT: 9.528 min Scan# 2562

Delta R.T. 0.000 min

Lab File: VU060312.D

Acq: 05 Aug 2024 15:14

Instrument :

MSVOA_U

ClientSampleId :

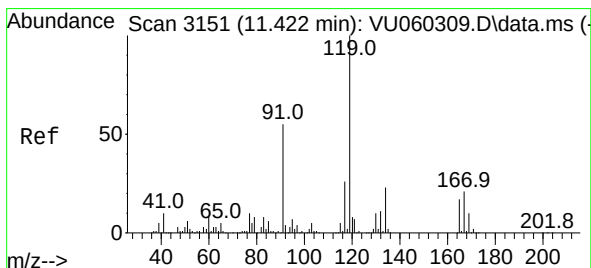
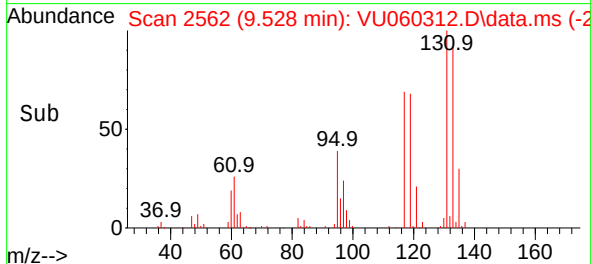
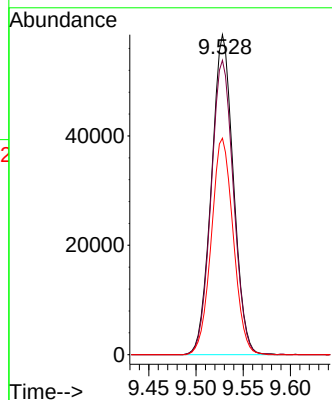
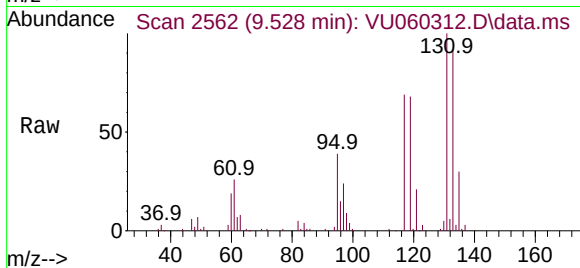
Tgt Ion:131 Resp: 94793

Ion Ratio Lower Upper

131 100

133 93.6 77.2 115.8

119 67.4 55.4 83.2



#61

Pentachloroethane

Concen: 10.689 ug/l

RT: 11.422 min Scan# 3151

Delta R.T. 0.000 min

Lab File: VU060312.D

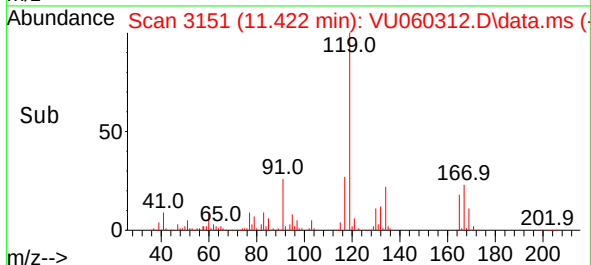
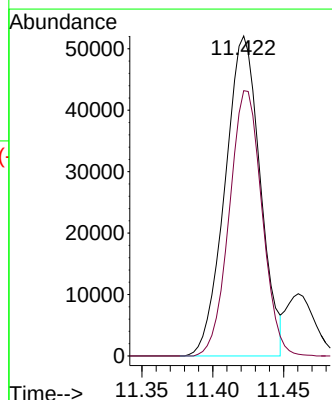
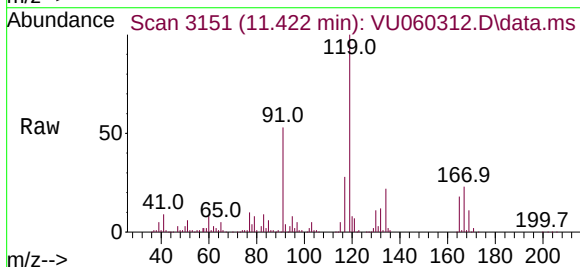
Acq: 05 Aug 2024 15:14

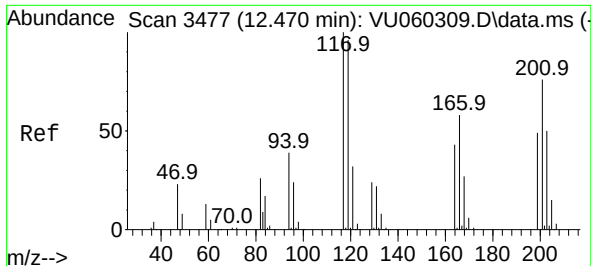
Tgt Ion:117 Resp: 90143

Ion Ratio Lower Upper

117 100

167 76.8 62.2 93.4





#62

Hexachloroethane

Concen: 10.218 ug/l

RT: 12.470 min Scan# 3477

Delta R.T. 0.000 min

Lab File: VU060312.D

Acq: 05 Aug 2024 15:14

Instrument :

MSVOA_U

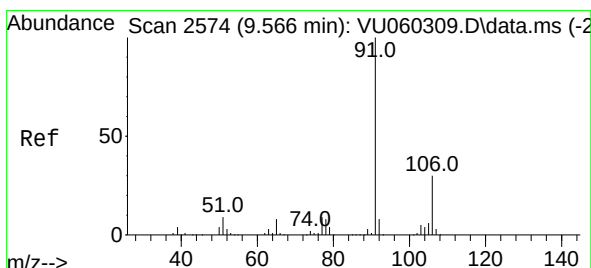
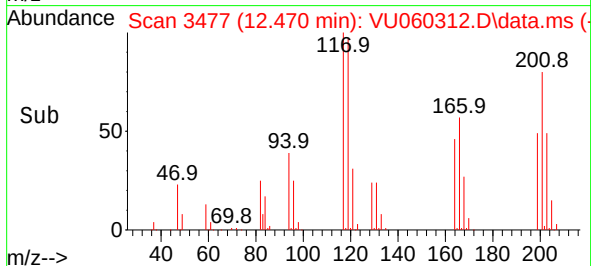
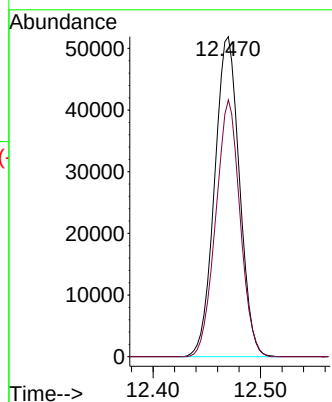
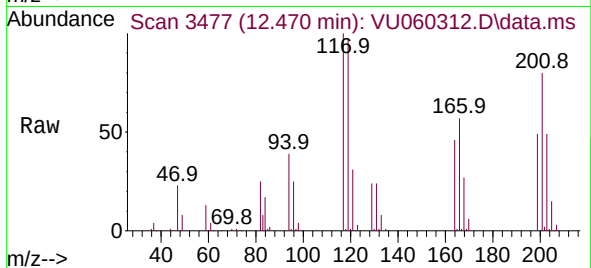
ClientSampleId :

Tgt Ion:117 Resp: 83293

Ion Ratio Lower Upper

117 100

201 78.7 62.7 94.1



#63

Ethyl Benzene

Concen: 9.757 ug/l

RT: 9.563 min Scan# 2573

Delta R.T. -0.003 min

Lab File: VU060312.D

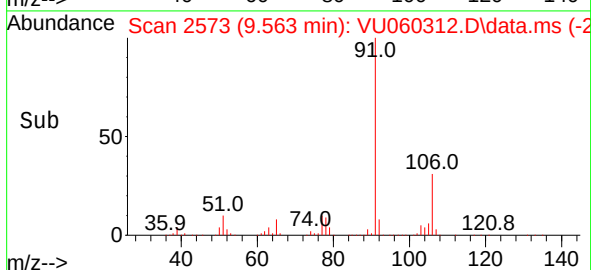
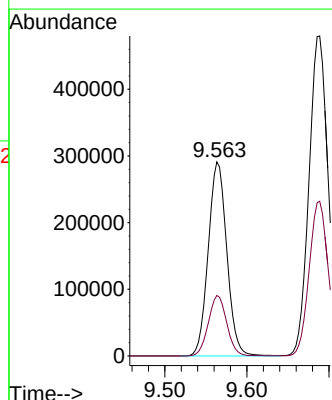
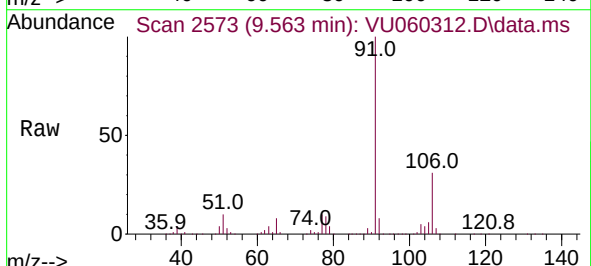
Acq: 05 Aug 2024 15:14

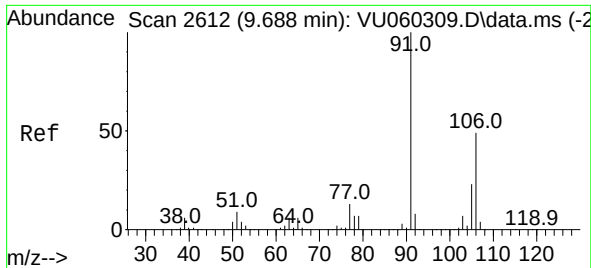
Tgt Ion: 91 Resp: 459514

Ion Ratio Lower Upper

91 100

106 31.1 24.4 36.6

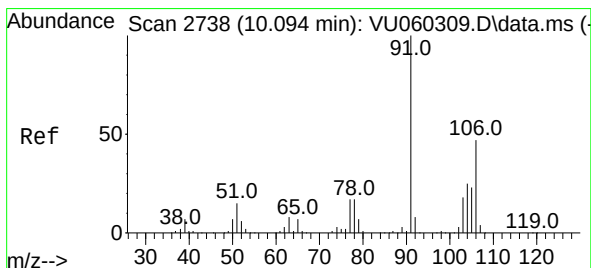
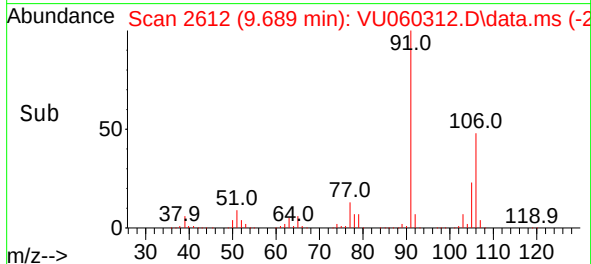
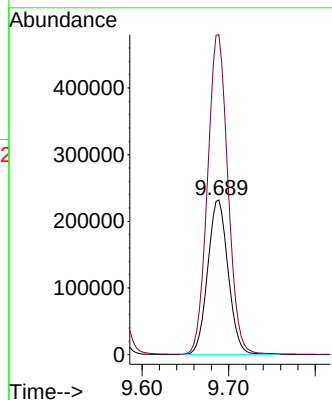
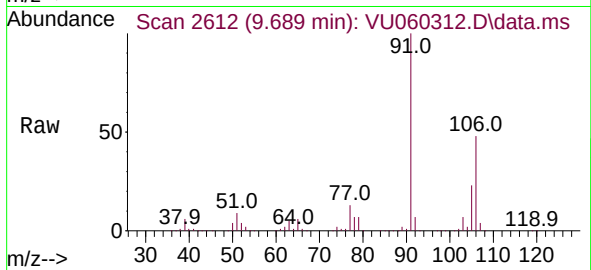




#64
m/p-Xylenes
Concen: 19.601 ug/l
RT: 9.689 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU060312.D
Acq: 05 Aug 2024 15:14

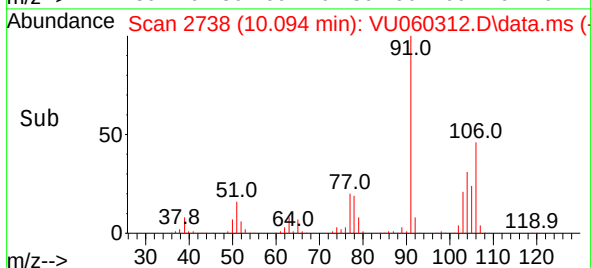
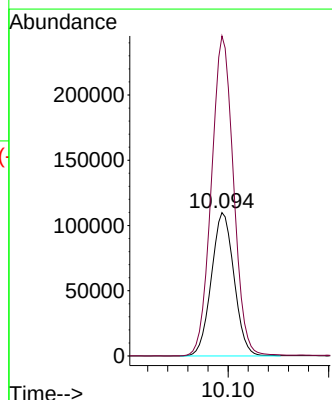
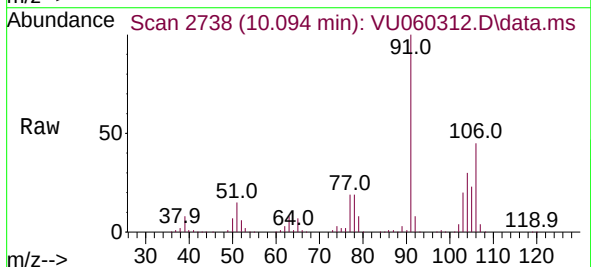
Instrument :
MSVOA_U
ClientSampleId :

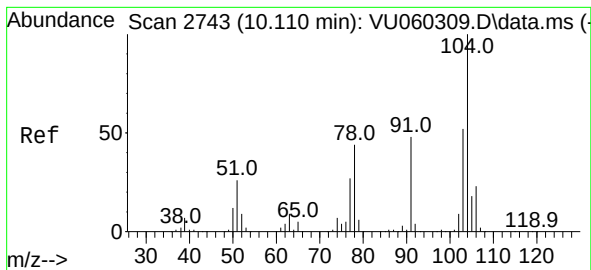
Tgt Ion:106 Resp: 379656
Ion Ratio Lower Upper
106 100
91 207.0 165.0 247.4



#65
o-Xylene
Concen: 9.429 ug/l
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU060312.D
Acq: 05 Aug 2024 15:14

Tgt Ion:106 Resp: 172067
Ion Ratio Lower Upper
106 100
91 218.2 108.8 326.4





#66

Styrene

Concen: 10.117 ug/l

RT: 10.107 min Scan# 2743

Delta R.T. -0.003 min

Lab File: VU060312.D

Acq: 05 Aug 2024 15:14

Instrument :

MSVOA_U

ClientSampleId :

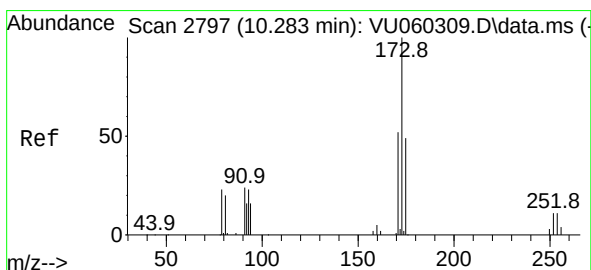
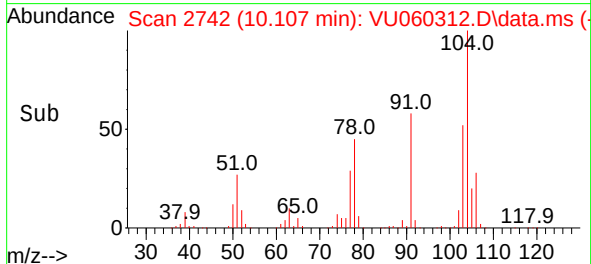
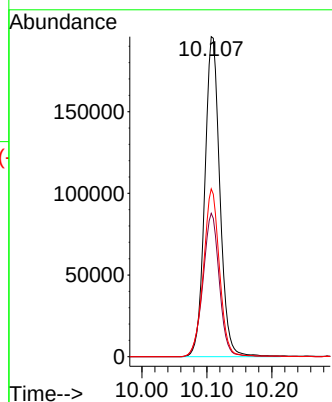
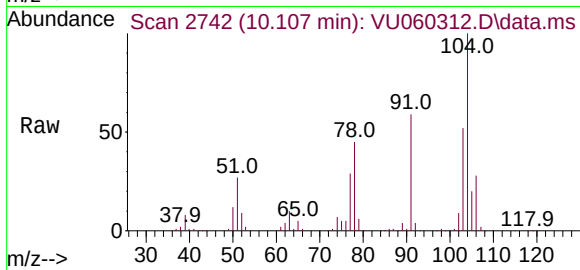
Tgt Ion:104 Resp: 318131

Ion Ratio Lower Upper

104 100

78 48.3 39.0 58.6

103 55.6 45.0 67.6



#67

Bromoform

Concen: 9.839 ug/l

RT: 10.284 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VU060312.D

Acq: 05 Aug 2024 15:14

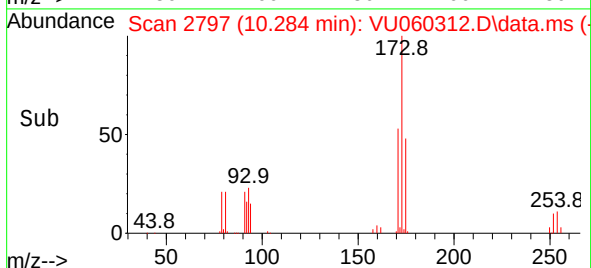
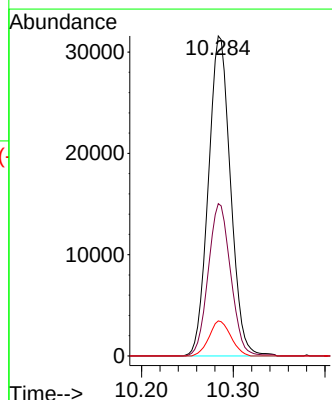
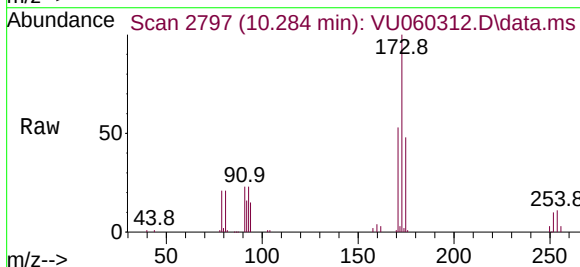
Tgt Ion:173 Resp: 53006

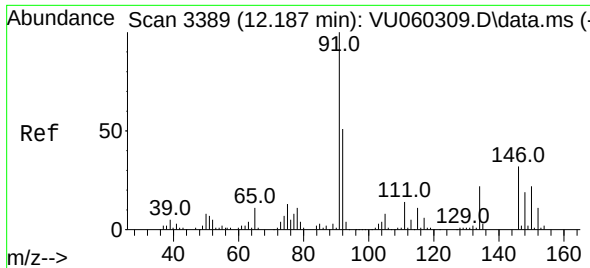
Ion Ratio Lower Upper

173 100

175 48.0 39.7 59.5

254 10.8 8.2 12.4

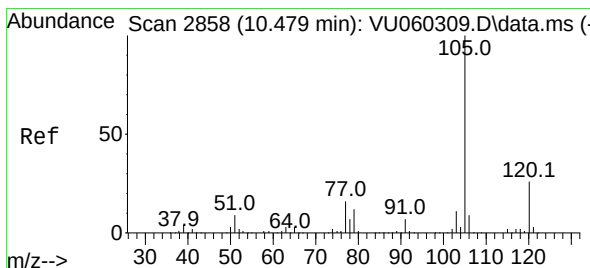
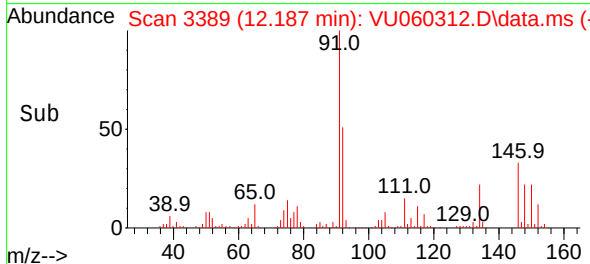
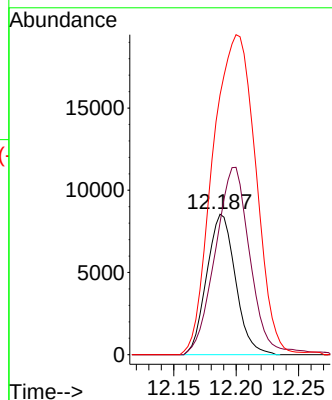
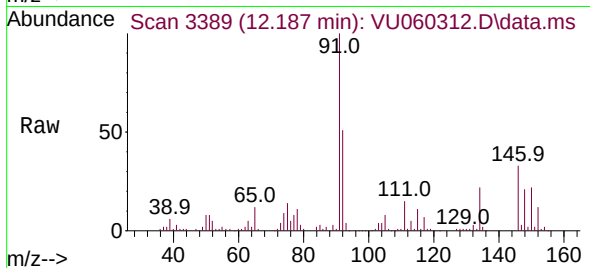




#68
1,2-Dichlorobenzene-d4
Concen: 1.096 ug/l
RT: 12.187 min Scan# 3389
Delta R.T. 0.000 min
Lab File: VU060312.D
Acq: 05 Aug 2024 15:14

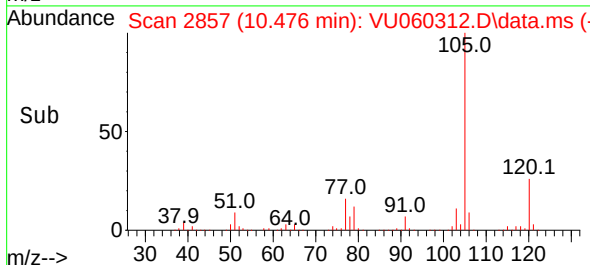
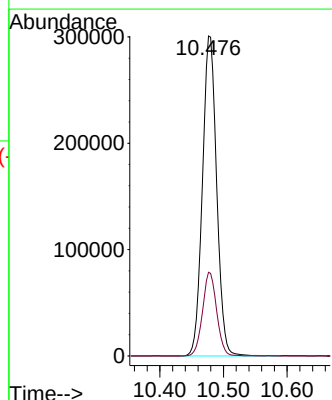
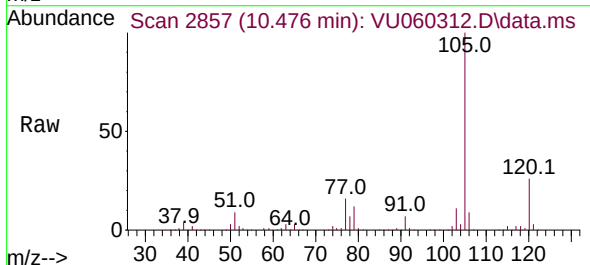
Instrument :
MSVOA_U
ClientSampleId :

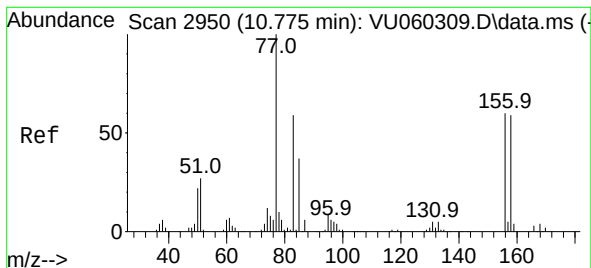
Tgt Ion:152 Resp: 13697
Ion Ratio Lower Upper
152 100
115 162.5 0.0 325.2
150 339.8 0.0 684.2



#69
Isopropylbenzene
Concen: 9.892 ug/l
RT: 10.476 min Scan# 2857
Delta R.T. -0.003 min
Lab File: VU060312.D
Acq: 05 Aug 2024 15:14

Tgt Ion:105 Resp: 467099
Ion Ratio Lower Upper
105 100
120 25.9 13.0 39.0





#70

1,1,2,2-Tetrachloroethane

Concen: 9.250 ug/l

RT: 10.776 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU060312.D

Acq: 05 Aug 2024 15:14

Instrument :

MSVOA_U

ClientSampleId :

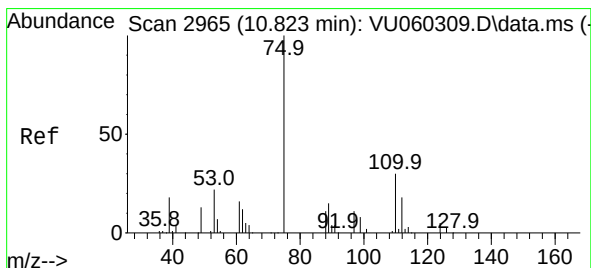
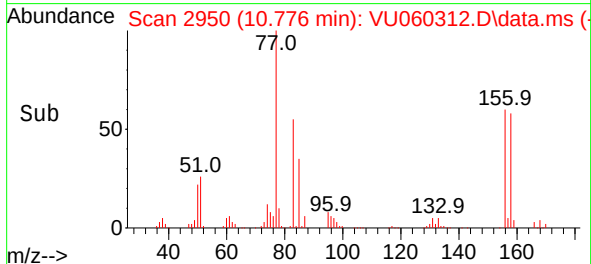
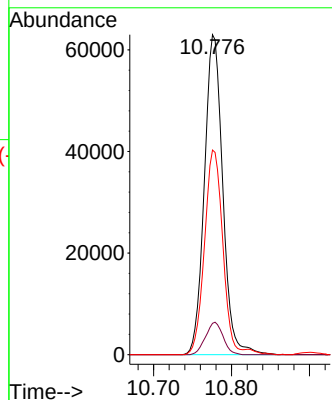
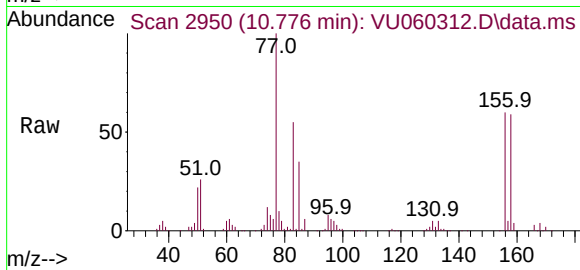
Tgt Ion: 83 Resp: 103220

Ion Ratio Lower Upper

83 100

131 9.7 7.1 10.7

85 63.1 50.9 76.3



#71

1,2,3-Trichloropropane

Concen: 11.541 ug/l

RT: 10.817 min Scan# 2963

Delta R.T. -0.006 min

Lab File: VU060312.D

Acq: 05 Aug 2024 15:14

Tgt Ion: 75 Resp: 95391

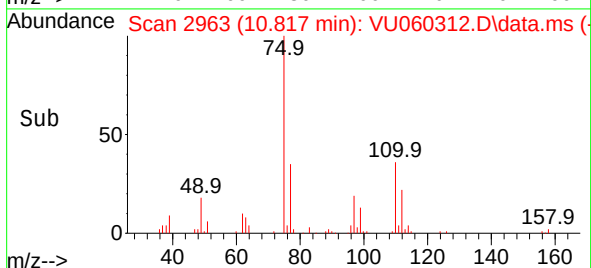
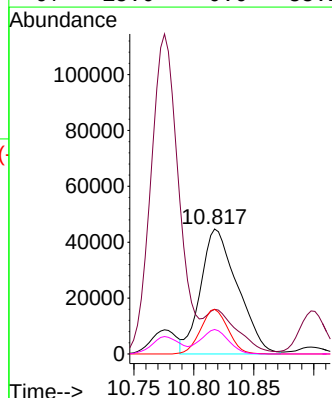
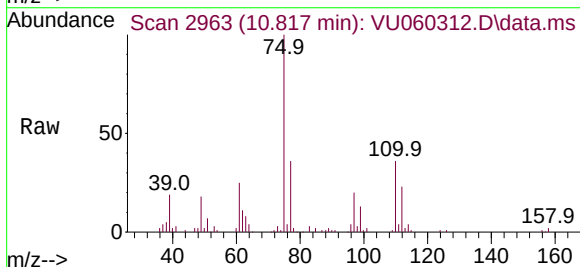
Ion Ratio Lower Upper

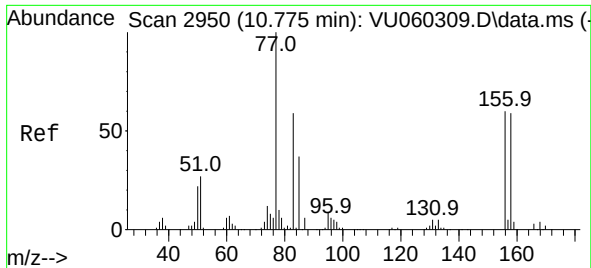
75 100

77 0.0 0.0 102.2

110 26.6 0.0 67.4

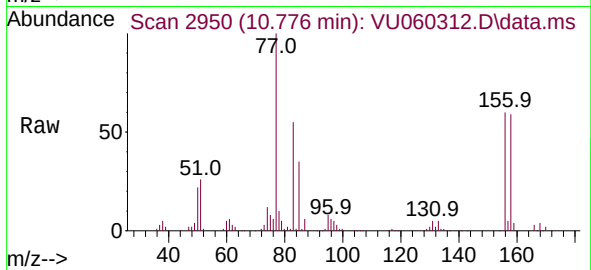
97 15.0 0.0 38.2



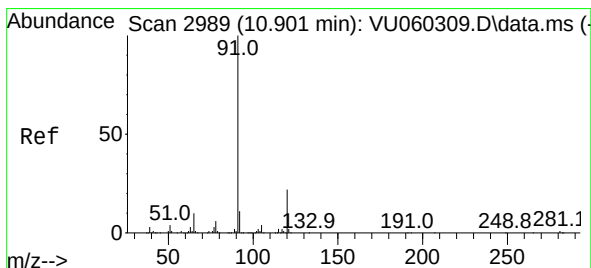
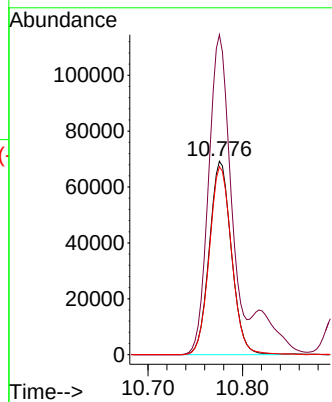
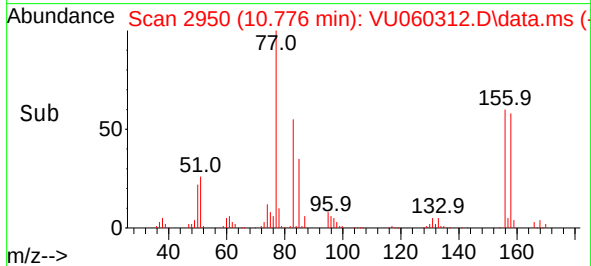


#72
Bromobenzene
Concen: 10.909 ug/l
RT: 10.776 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU060312.D
Acq: 05 Aug 2024 15:14

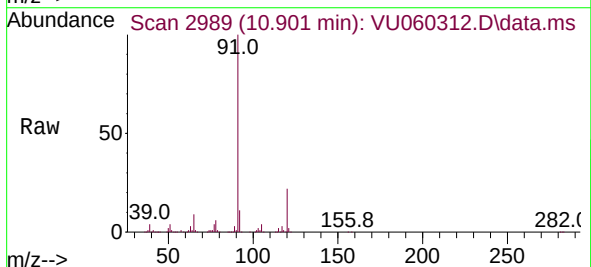
Instrument :
MSVOA_U
ClientSampleId :



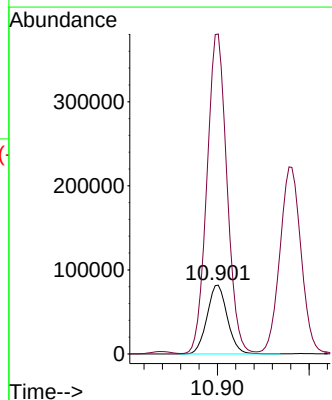
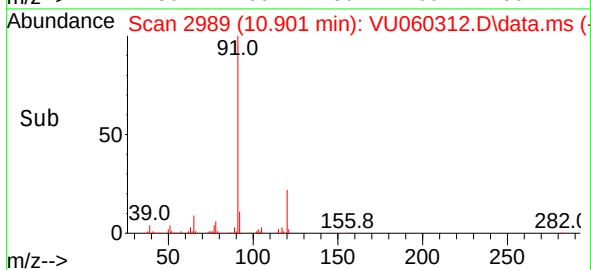
Tgt Ion:156 Resp: 112271
Ion Ratio Lower Upper
156 100
77 165.0 0.0 327.2
158 98.4 0.0 193.8

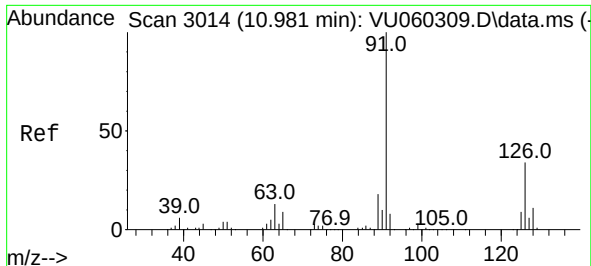


#73
n-propylbenzene
Concen: 9.308 ug/l
RT: 10.901 min Scan# 2989
Delta R.T. 0.000 min
Lab File: VU060312.D
Acq: 05 Aug 2024 15:14



Tgt Ion:120 Resp: 125788
Ion Ratio Lower Upper
120 100
91 459.0 362.2 543.2

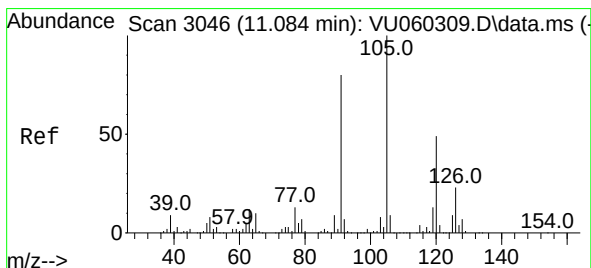
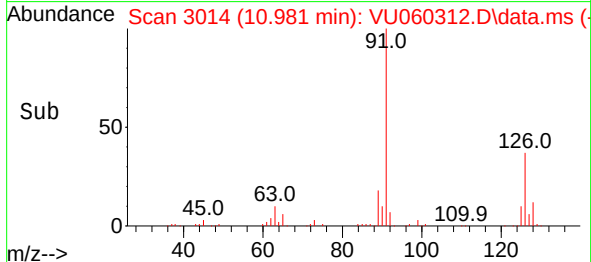
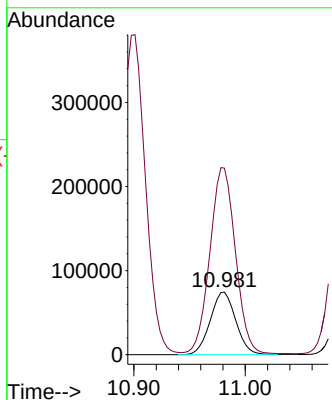
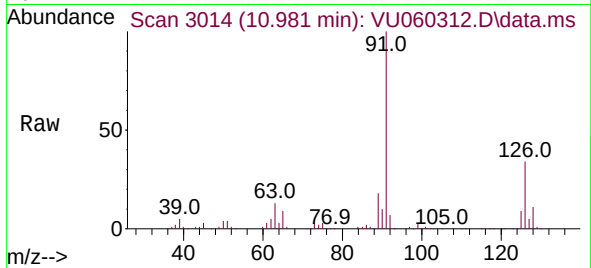




#74
2-Chlorotoluene
Concen: 9.908 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. 0.000 min
Lab File: VU060312.D
Acq: 05 Aug 2024 15:14

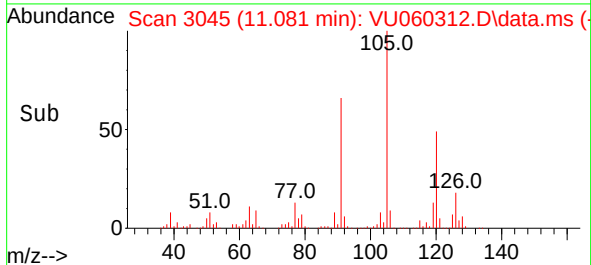
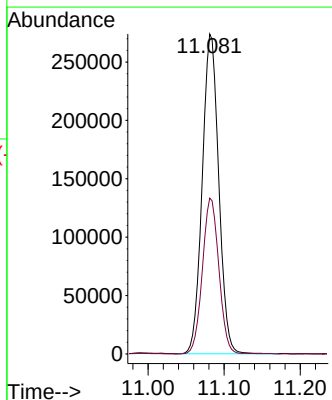
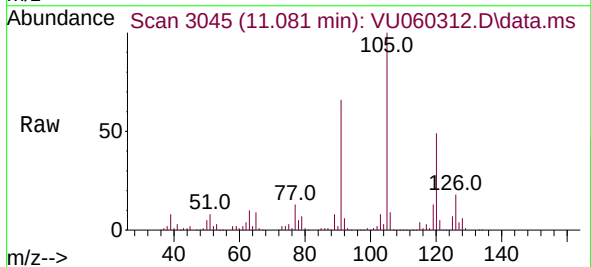
Instrument :
MSVOA_U
ClientSampleId :

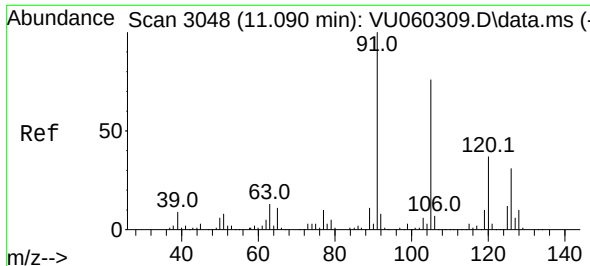
Tgt Ion:126 Resp: 118649
Ion Ratio Lower Upper
126 100
91 299.8 0.0 585.6



#75
1,3,5-Trimethylbenzene
Concen: 9.808 ug/l
RT: 11.081 min Scan# 3045
Delta R.T. -0.003 min
Lab File: VU060312.D
Acq: 05 Aug 2024 15:14

Tgt Ion:105 Resp: 413119
Ion Ratio Lower Upper
105 100
120 48.6 38.6 57.8

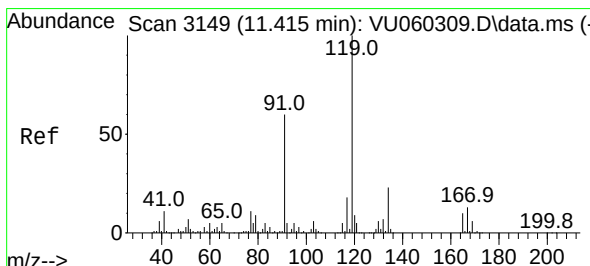
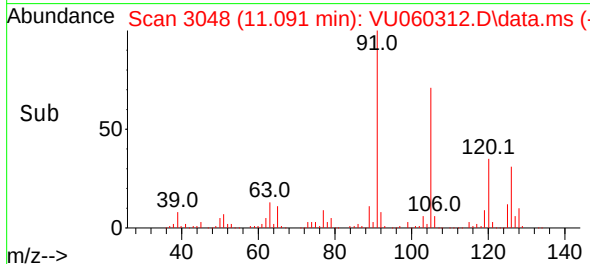
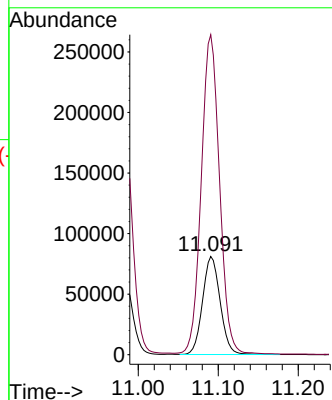
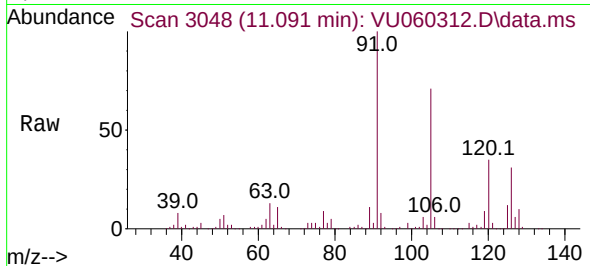




#76
4-Chlorotoluene
Concen: 9.878 ug/l
RT: 11.091 min Scan# 3048
Delta R.T. 0.000 min
Lab File: VU060312.D
Acq: 05 Aug 2024 15:14

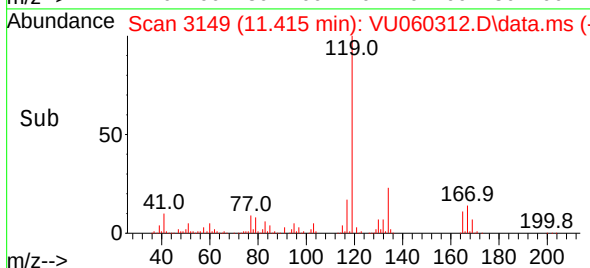
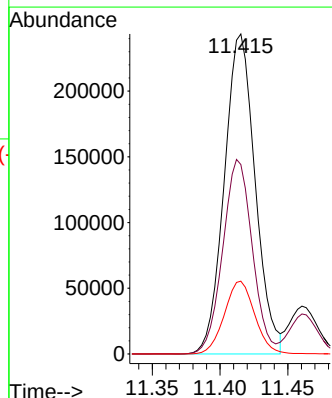
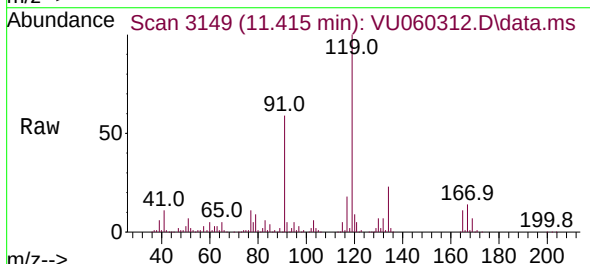
Instrument :
MSVOA_U
ClientSampleId :

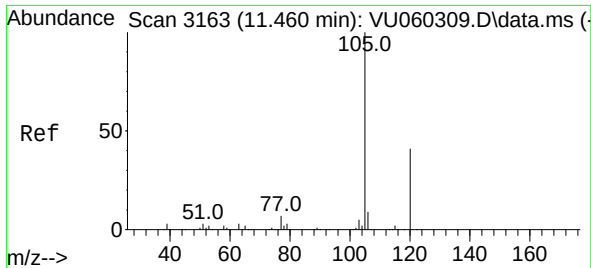
Tgt Ion:126 Resp: 124170
Ion Ratio Lower Upper
126 100
91 338.1 0.0 669.4



#77
tert-Butylbenzene
Concen: 9.723 ug/l
RT: 11.415 min Scan# 3149
Delta R.T. 0.000 min
Lab File: VU060312.D
Acq: 05 Aug 2024 15:14

Tgt Ion:119 Resp: 386667
Ion Ratio Lower Upper
119 100
91 58.0 29.0 87.1
134 22.4 17.8 26.8

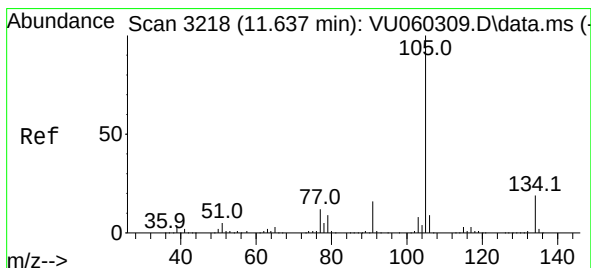
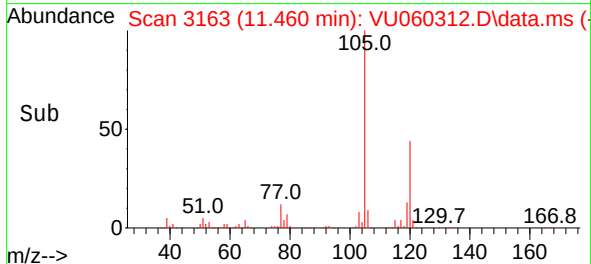
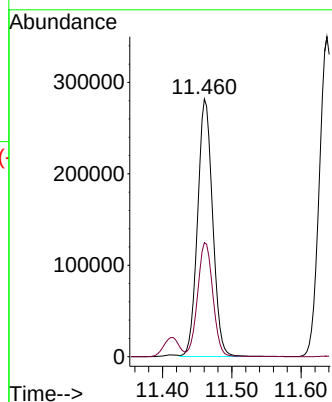
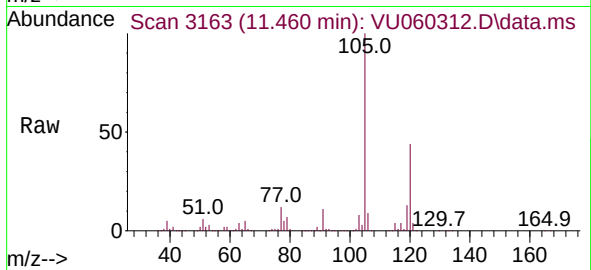




#78
1,2,4-Trimethylbenzene
Concen: 9.686 ug/l
RT: 11.460 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VU060312.D
Acq: 05 Aug 2024 15:14

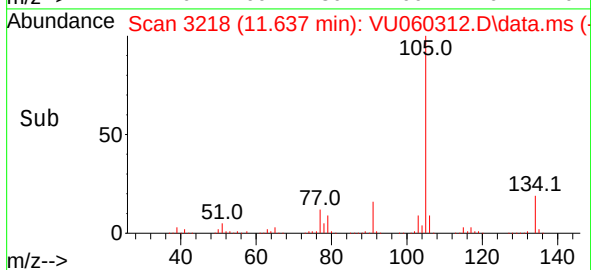
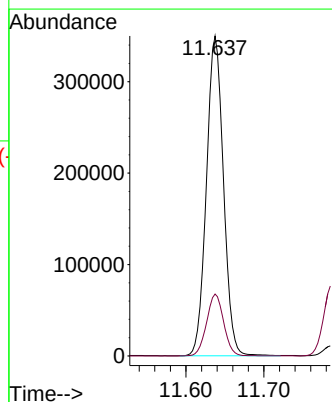
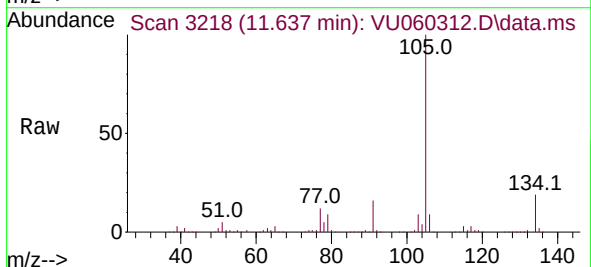
Instrument :
MSVOA_U
ClientSampleId :

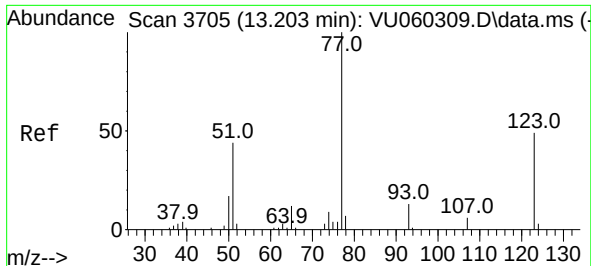
Tgt Ion:105 Resp: 424977
Ion Ratio Lower Upper
105 100
120 45.0 22.6 67.7



#79
sec-Butylbenzene
Concen: 9.749 ug/l
RT: 11.637 min Scan# 3218
Delta R.T. 0.000 min
Lab File: VU060312.D
Acq: 05 Aug 2024 15:14

Tgt Ion:105 Resp: 531610
Ion Ratio Lower Upper
105 100
134 19.5 15.5 23.3





#80

Nitrobenzene

Concen: 10.399 ug/l

RT: 13.210 min Scan# 31

Delta R.T. 0.007 min

Lab File: VU060312.D

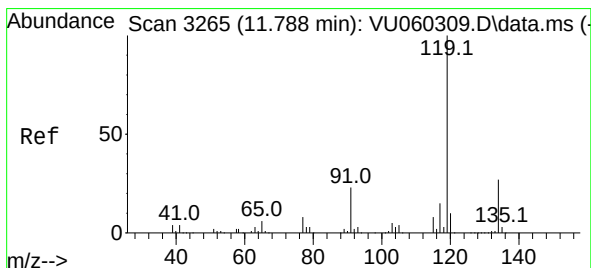
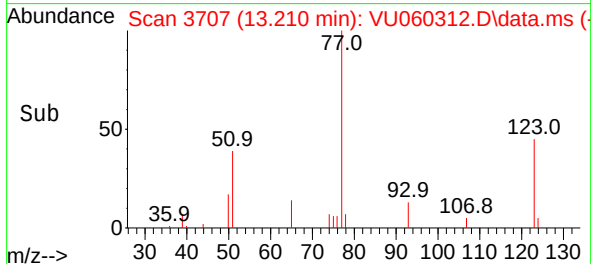
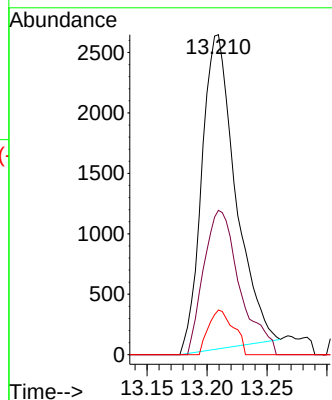
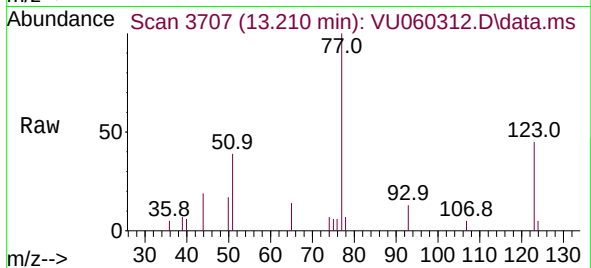
Acq: 05 Aug 2024 15:14

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 77	Resp: 5096
Ion Ratio	Lower Upper
77 100	
123 49.0	19.6 69.6
65 10.5	9.0 11.4



#81

p-Isopropyltoluene

Concen: 9.794 ug/l

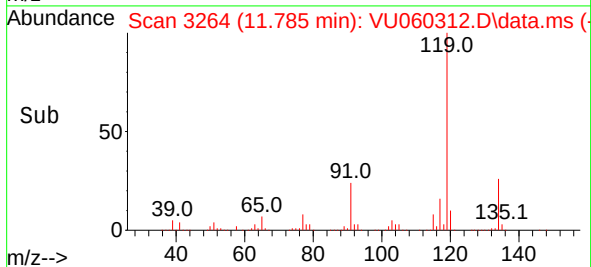
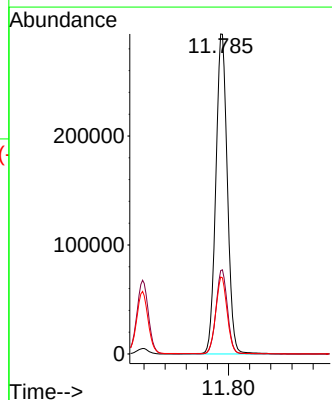
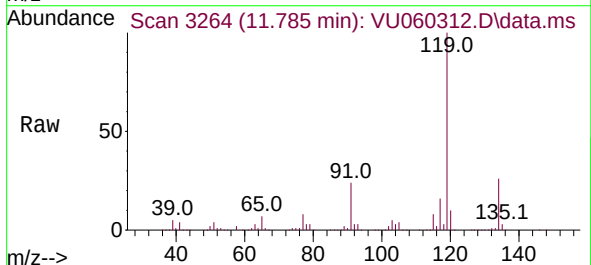
RT: 11.785 min Scan# 3264

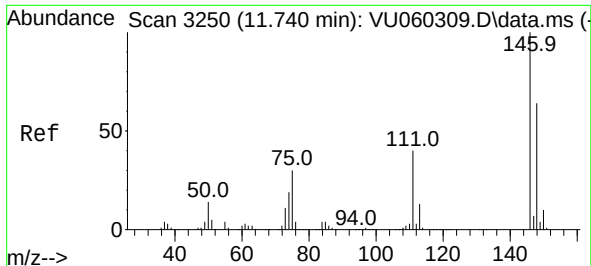
Delta R.T. -0.003 min

Lab File: VU060312.D

Acq: 05 Aug 2024 15:14

Tgt Ion: 119	Resp: 444065
Ion Ratio	Lower Upper
119 100	
134 26.0	21.2 31.8
91 23.7	18.9 28.3





#82

1,3-Dichlorobenzene

Concen: 11.058 ug/l

RT: 11.740 min Scan# 3250

Delta R.T. 0.000 min

Lab File: VU060312.D

Acq: 05 Aug 2024 15:14

Instrument :

MSVOA_U

ClientSampleId :

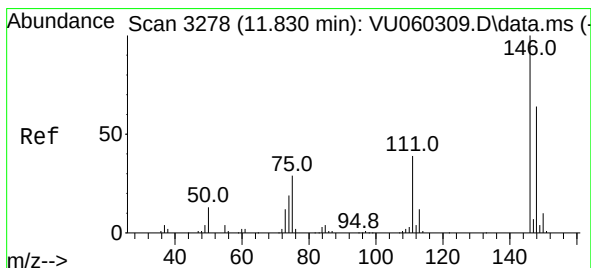
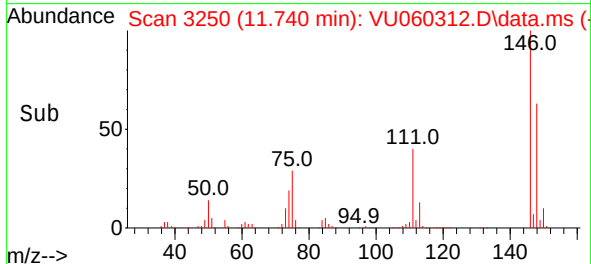
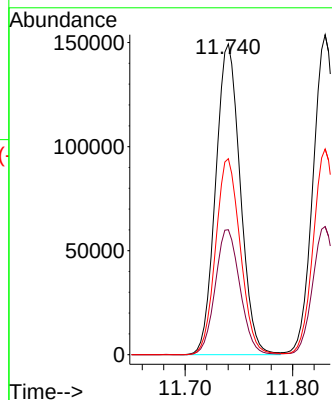
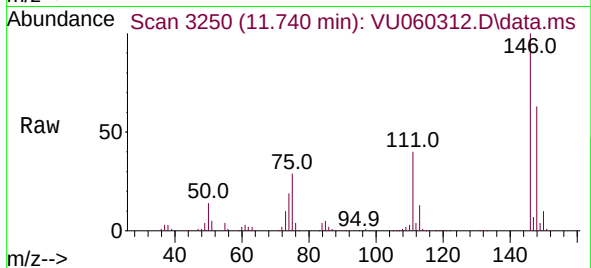
Tgt Ion:146 Resp: 237427

Ion Ratio Lower Upper

146 100

111 40.5 32.0 48.0

148 63.4 51.4 77.0



#83

1,4-Dichlorobenzene

Concen: 11.310 ug/l

RT: 11.830 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VU060312.D

Acq: 05 Aug 2024 15:14

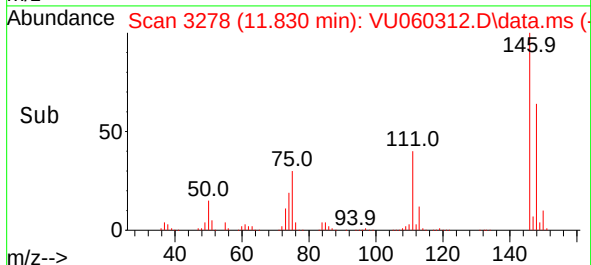
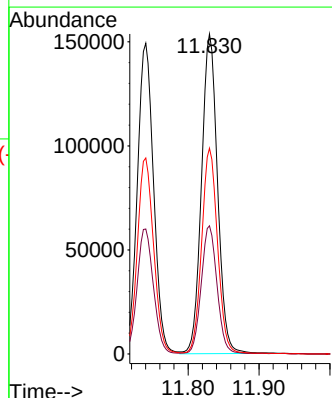
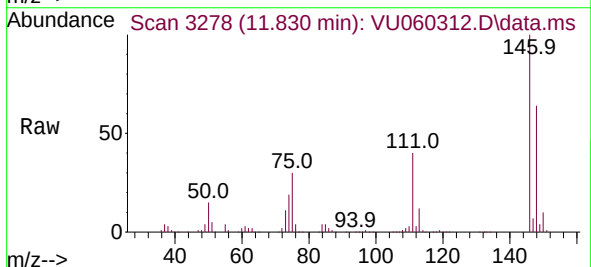
Tgt Ion:146 Resp: 241051

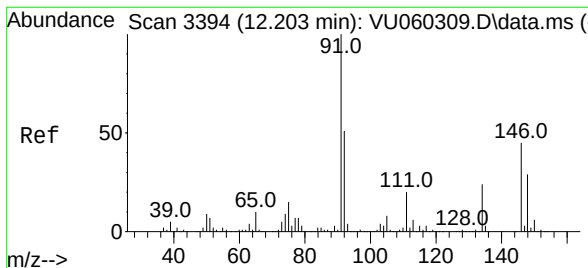
Ion Ratio Lower Upper

146 100

111 39.2 30.9 46.3

148 63.7 51.8 77.6





#84

n-Butylbenzene

Concen: 9.739 ug/l

RT: 12.203 min Scan# 3394

Delta R.T. 0.000 min

Lab File: VU060312.D

Acq: 05 Aug 2024 15:14

Instrument :

MSVOA_U

ClientSampleId :

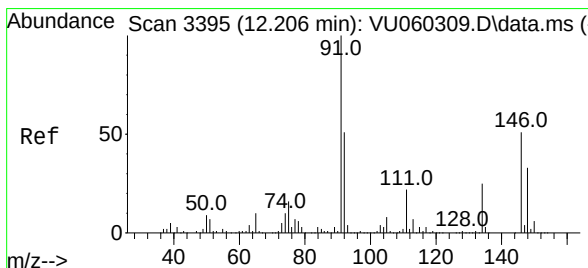
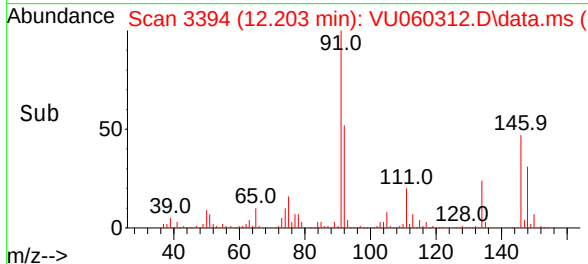
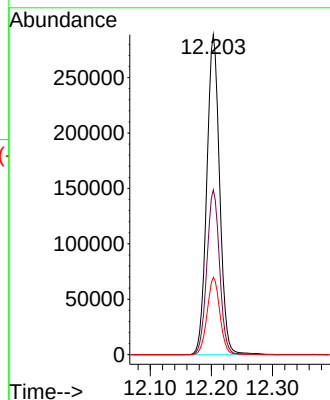
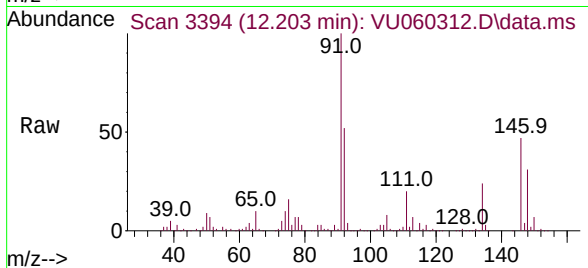
Tgt Ion: 91 Resp: 422639

Ion Ratio Lower Upper

91 100

92 51.0 41.0 61.6

134 24.0 19.4 29.2



#85

1,2-Dichlorobenzene

Concen: 11.131 ug/l

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU060312.D

Acq: 05 Aug 2024 15:14

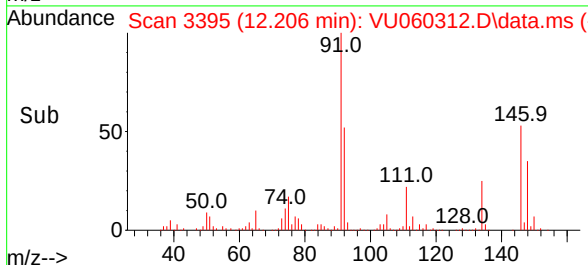
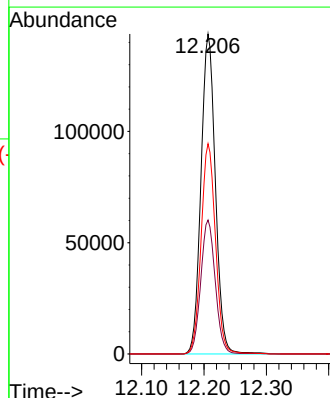
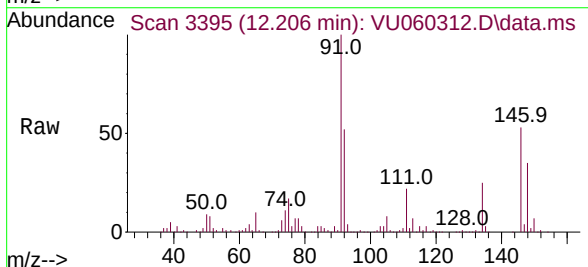
Tgt Ion:146 Resp: 231161

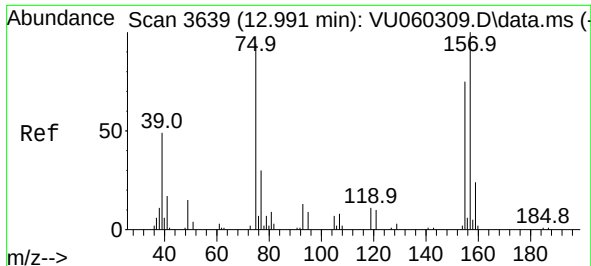
Ion Ratio Lower Upper

146 100

111 42.1 21.3 63.7

148 65.8 32.0 96.0





#86

1,2-Dibromo-3-Chloropropane

Concen: 9.917 ug/l

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

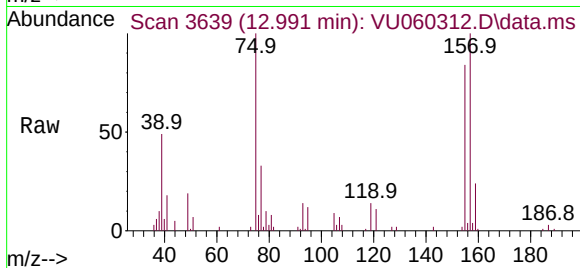
Lab File: VU060312.D

Acq: 05 Aug 2024 15:14

Instrument :

MSVOA_U

ClientSampleId :



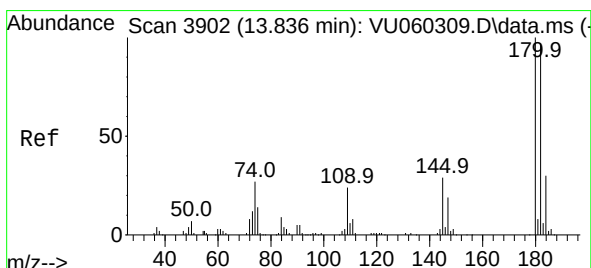
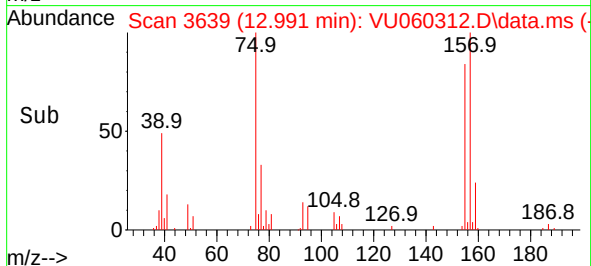
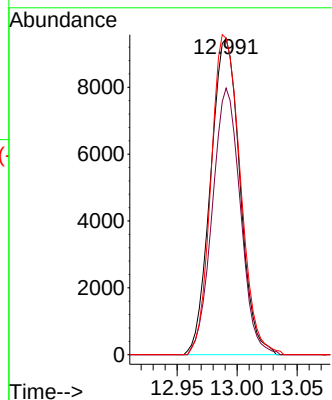
Tgt Ion: 75 Resp: 16045

Ion Ratio Lower Upper

75 100

155 80.7 66.1 99.1

157 100.9 85.0 127.4



#87

1,2,4-Trichlorobenzene

Concen: 12.784 ug/l

RT: 13.833 min Scan# 3901

Delta R.T. -0.003 min

Lab File: VU060312.D

Acq: 05 Aug 2024 15:14

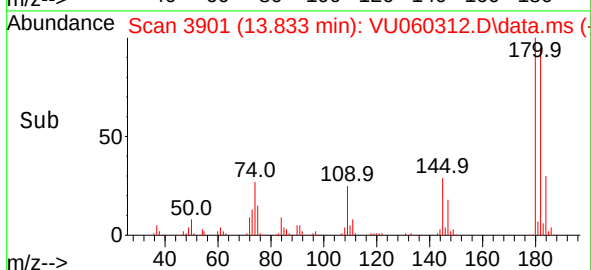
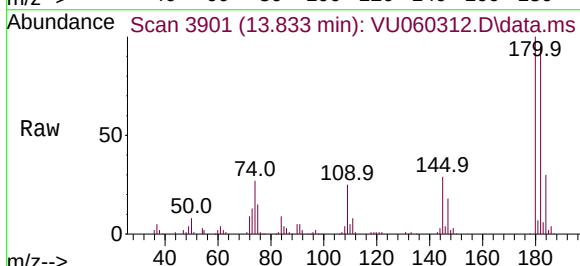
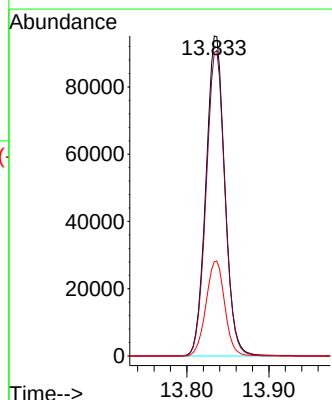
Tgt Ion:180 Resp: 151846

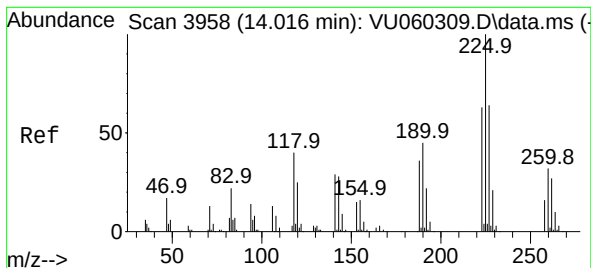
Ion Ratio Lower Upper

180 100

182 95.2 76.8 115.2

145 29.5 23.4 35.0





#88

Hexachlorobutadiene

Concen: 10.853 ug/l

RT: 14.013 min Scan# 3958

Delta R.T. -0.003 min

Lab File: VU060312.D

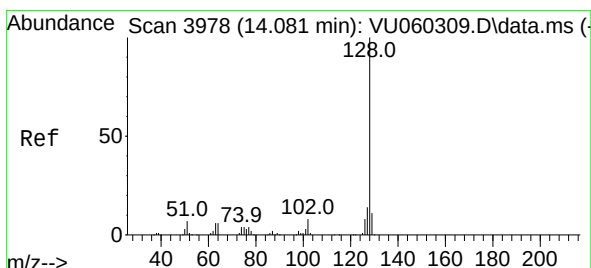
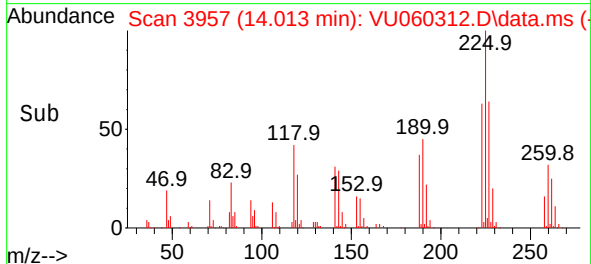
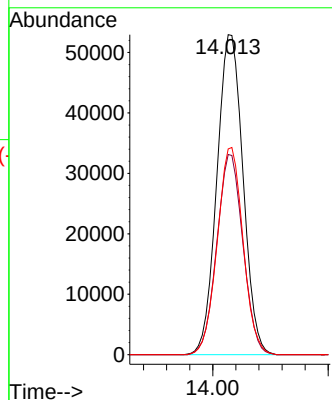
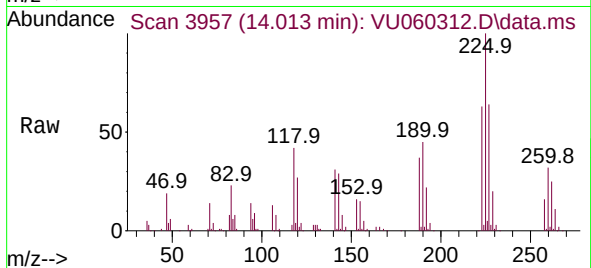
Acq: 05 Aug 2024 15:14

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:225	Resp:	83353
Ion Ratio	Lower	Upper
225	100	
223	62.5	50.8 76.2
227	63.8	50.8 76.2



#89

Naphthalene

Concen: 10.692 ug/l

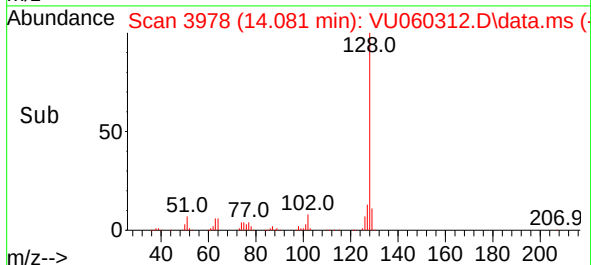
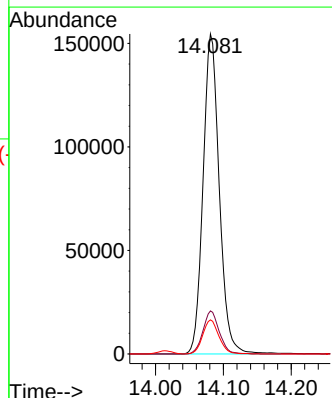
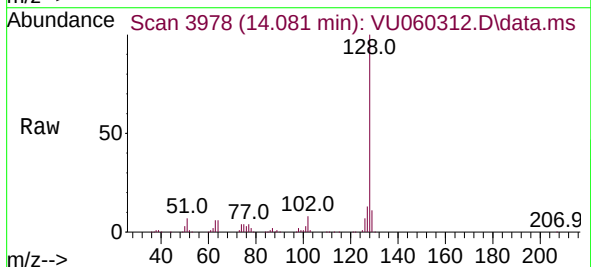
RT: 14.081 min Scan# 3978

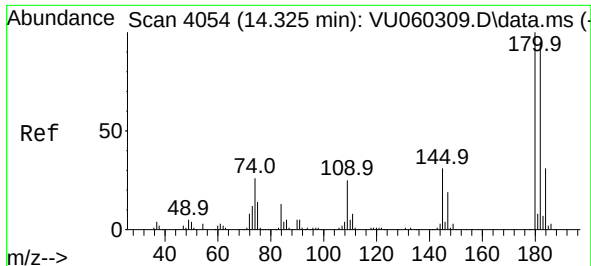
Delta R.T. 0.000 min

Lab File: VU060312.D

Acq: 05 Aug 2024 15:14

Tgt Ion:128	Resp:	256566
Ion Ratio	Lower	Upper
128	100	
127	13.5	11.0 16.4
129	10.6	8.6 12.8





#90

1,2,3-Trichlorobenzene

Concen: 11.910 ug/l

RT: 14.325 min Scan# 4054

Delta R.T. 0.000 min

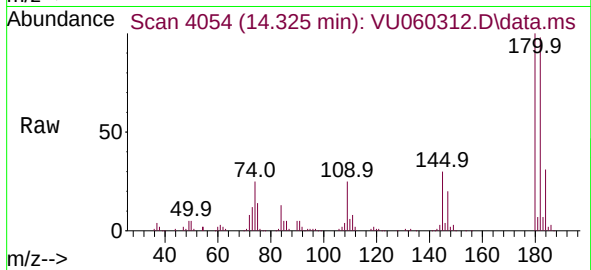
Lab File: VU060312.D

Acq: 05 Aug 2024 15:14

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 138107

Ion Ratio Lower Upper

180 100

182 96.0 76.1 114.1

145 31.3 25.0 37.6

