

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU073024\
 Data File : VU060265.D
 Acq On : 30 Jul 2024 15:11
 Operator : MD/SY
 Sample : VSTDIC0.5
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 31 04:33:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U073024DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jul 31 04:32:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.107	96	41385	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	12518	0.897	ug/l	0.00
Spiked Amount 1.000			Recovery	=	90.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	13297	0.887	ug/l	0.00
Spiked Amount 1.000			Recovery	=	89.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	7179	0.484	ug/l	97
3) Chloromethane	1.522	50	9263	0.519	ug/l	96
4) Vinyl Chloride	1.605	62	7967	0.461	ug/l	98
5) Bromomethane	1.849	94	5606	0.534	ug/l	90
6) Chloroethane	1.927	64	5363	0.517	ug/l	93
7) Trichlorofluoromethane	2.136	101	9576	0.491	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	5345	0.490	ug/l	99
9) 1,1-Dichloroethene	2.576	96	5001	0.450	ug/l	86
10) Iodomethane	2.718	142	6370	0.471	ug/l	99
11) Allyl Chloride	2.917	41	8062	0.502	ug/l	95
12) Acrylonitrile	3.309	53	3424	1.095	ug/l	91
13) Acetone	2.621	43	10249	2.685	ug/l	91
14) Carbon Disulfide	2.788	76	18451	0.470	ug/l	98
15) Methylene Chloride	3.039	84	9974	0.643	ug/l	87
16) trans-1,2-Dichloroethene	3.345	96	5813	0.474	ug/l	97
17) 1,1-Dichloroethane	3.862	63	11173	0.475	ug/l	96
18) 2-Butanone	4.714	43	12320	2.846	ug/l	95
19) Cyclohexane	5.370	56	9385	0.441	ug/l	91
20) Methylcyclohexane	6.753	83	7255	0.433	ug/l	96
21) 2,2-Dichloropropane	4.656	77	8668	0.496	ug/l	98
22) cis-1,2-Dichloroethene	4.660	96	6475	0.491	ug/l	92
23) Diethyl Ether	2.374	59	4755	0.500	ug/l	96
24) tert-Butyl Alcohol	3.184	59	5499	5.048	ug/l #	91
25) Methyl tert-Butyl Ether	3.364	73	13532	0.474	ug/l	95
26) Bromochloromethane	4.962	128	2824	0.532	ug/l	91
27) Chloroform	5.078	83	11450	0.502	ug/l	98
28) 1,1,1-Trichloroethane	5.303	97	8844	0.471	ug/l	94
29) 1,1-Dichloropropene	5.515	75	6991	0.459	ug/l	93
30) Carbon Tetrachloride	5.508	117	7015	0.460	ug/l	91
31) Isopropyl Ether	3.994	45	16533	0.467	ug/l	93
32) Ethyl-t-butyl ether	4.505	59	14810	0.447	ug/l	93
33) Tert-Amyl methyl ether	5.949	73	10418	0.439	ug/l	98
34) Propionitrile	4.775	54	3376	2.737	ug/l #	88
35) Benzene	5.766	78	21256	0.449	ug/l	99
36) 1,2-Dichloroethane	5.791	62	6914	0.506	ug/l #	93
37) Trichloroethene	6.537	130	5992	0.513	ug/l	92
38) 1,2-Dichloropropane	6.788	63	5945	0.451	ug/l	92
39) Methacrylonitrile	4.978	41	2713	0.573	ug/l #	81
40) Methyl acrylate	4.859	55	3942	0.507	ug/l #	93
41) Tetrahydrofuran	5.068	42	2473	1.005	ug/l #	79
42) 1-Chlorobutane	5.447	56	10222	0.476	ug/l	92
43) Dibromomethane	6.914	93	3191	0.489	ug/l	95
44) Bromodichloromethane	7.107	83	7049	0.452	ug/l #	98

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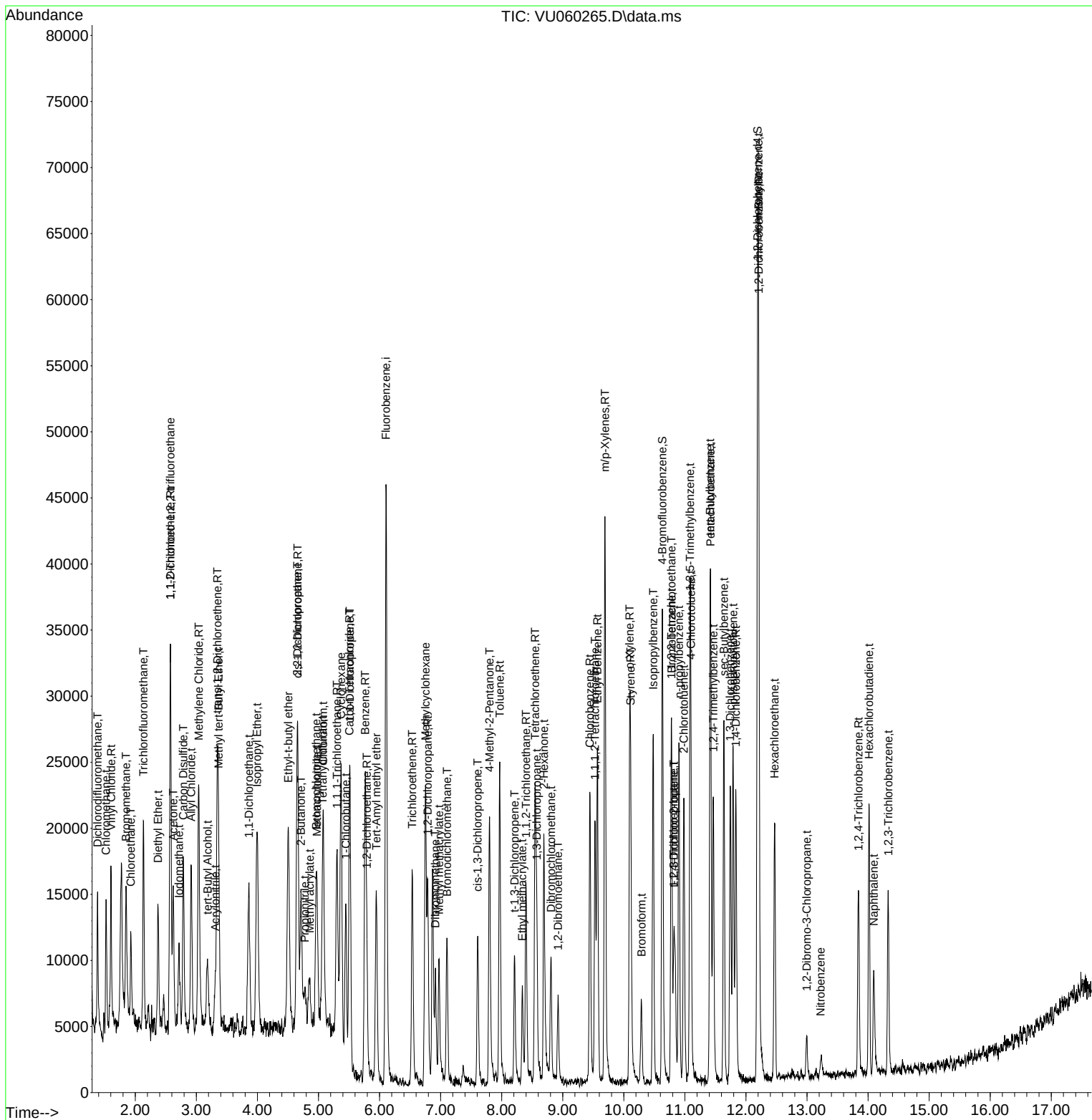
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 MSVOA_U
 ClientSampleId :

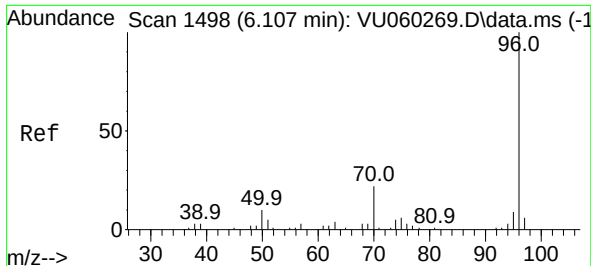
Quant Time: Jul 31 04:33:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U073024DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jul 31 04:32:50 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.801	43	13849	2.110	ug/l	91
46) t-1,4-Dichloro-2-butene	10.820	75	5919	2.154	ug/l #	49
47) Methyl methacrylate	6.975	69	4773	0.838	ug/l	87
48) Ethyl methacrylate	8.338	69	3688	0.615	ug/l	90
49) Toluene	7.968	92	10587	0.403	ug/l	99
50) t-1,3-Dichloropropene	8.213	75	5560	0.423	ug/l	99
51) cis-1,3-Dichloropropene	7.608	75	6687	0.427	ug/l	95
52) 1,1,2-Trichloroethane	8.399	97	4485	0.476	ug/l	88
53) 1,3-Dichloropropane	8.576	76	6792	0.438	ug/l	95
54) 2-Hexanone	8.692	43	10565	2.157	ug/l	97
55) Dibromochloromethane	8.807	129	4721	0.456	ug/l	100
56) 1,2-Dibromoethane	8.923	107	3695	0.435	ug/l	87
58) Tetrachloroethene	8.547	164	4959	0.448	ug/l	94
59) Chlorobenzene	9.444	112	12184	0.432	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.531	131	4948	0.456	ug/l	98
61) Pentachloroethane	11.421	117	3974	0.462	ug/l	93
62) Hexachloroethane	12.470	117	3902	0.456	ug/l	99
63) Ethyl Benzene	9.569	91	16615	0.629	ug/l	94
64) m/p-Xylenes	9.692	106	12622	1.327	ug/l	89
65) o-Xylene	10.097	106	6697	0.636	ug/l	85
66) Styrene	10.113	104	9321	0.657	ug/l	97
67) Bromoform	10.290	173	2901	0.476	ug/l #	89
69) Isopropylbenzene	10.483	105	15435	0.598	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.778	83	5591	0.443	ug/l #	91
71) 1,2,3-Trichloropropane	10.820	75	6416	0.702	ug/l	77
72) Bromobenzene	10.782	156	4876	0.426	ug/l	97
73) n-propylbenzene	10.904	120	4228	0.625	ug/l	86
74) 2-Chlorotoluene	10.984	126	4563	0.399	ug/l	82
75) 1,3,5-Trimethylbenzene	11.084	105	12283	0.635	ug/l	97
76) 4-Chlorotoluene	11.100	126	4428	0.655	ug/l	77
77) tert-Butylbenzene	11.415	119	12556	0.550	ug/l	96
78) 1,2,4-Trimethylbenzene	11.466	105	10653	0.642	ug/l	95
79) sec-Butylbenzene	11.640	105	15714	0.588	ug/l	97
80) Nitrobenzene	13.222	77	581	0.989	ug/l #	39
81) p-Isopropyltoluene	11.791	119	12318	0.647	ug/l	96
82) 1,3-Dichlorobenzene	11.743	146	9285	0.401	ug/l	98
83) 1,4-Dichlorobenzene	11.836	146	8703	0.381	ug/l	92
84) n-Butylbenzene	12.206	91	11746	0.617	ug/l	98
85) 1,2-Dichlorobenzene	12.209	146	9185	0.409	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	12.997	75	879	0.493	ug/l #	78
87) 1,2,4-Trichlorobenzene	13.846	180	4757	0.404	ug/l	96
88) Hexachlorobutadiene	14.016	225	3557	0.459	ug/l	94
89) Naphthalene	14.093	128	7580	0.520	ug/l #	94
90) 1,2,3-Trichlorobenzene	14.331	180	4201	0.572	ug/l	96

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

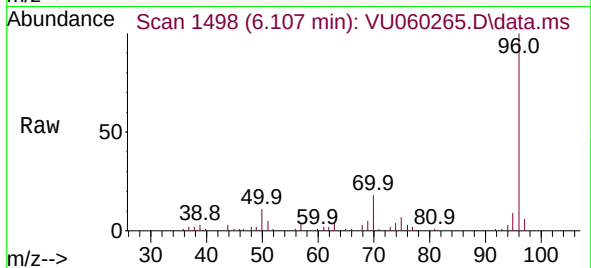
Quant Time: Jul 31 04:33:17 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U073024DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Jul 31 04:32:50 2024
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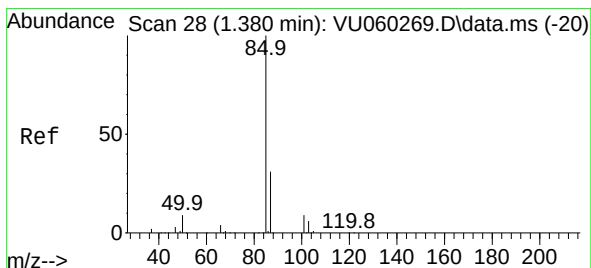
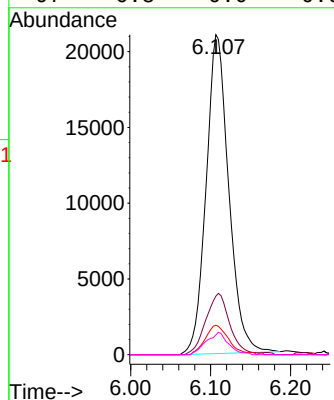
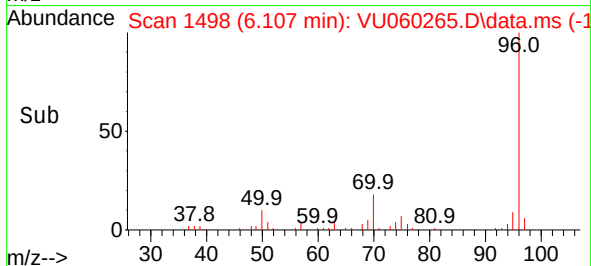


#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.107 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU060265.D
Acq: 30 Jul 2024 15:11

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MSVOA_U
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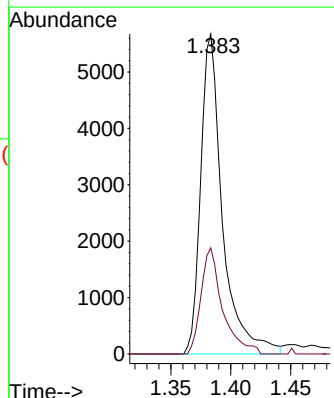
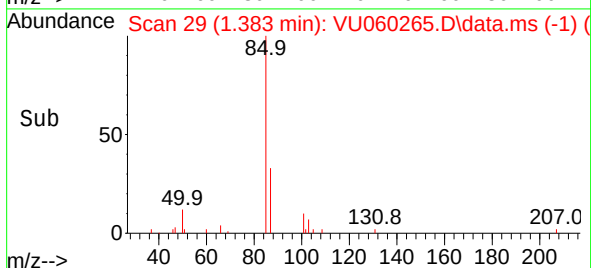
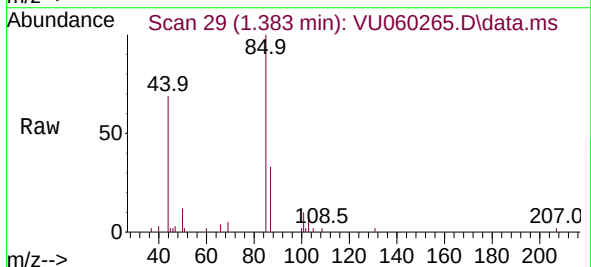


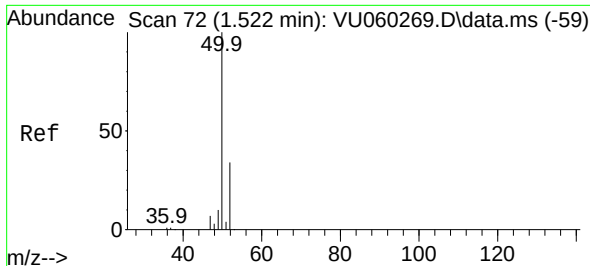
Tgt Ion: 96	Resp: 41385
Ion Ratio	Lower Upper
96 100	
70 19.5	17.0 25.4
95 9.6	7.6 11.4
97 6.8	0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 0.484 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.003 min
Lab File: VU060265.D
Acq: 30 Jul 2024 15:11

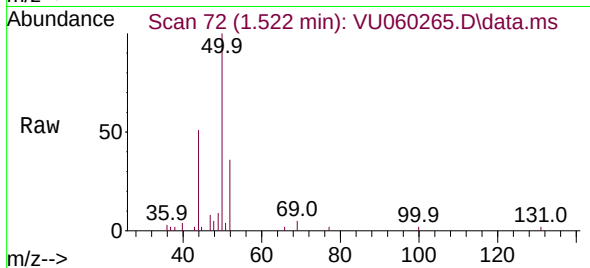
Tgt Ion: 85	Resp: 7179
Ion Ratio	Lower Upper
85 100	
87 33.2	15.7 47.1



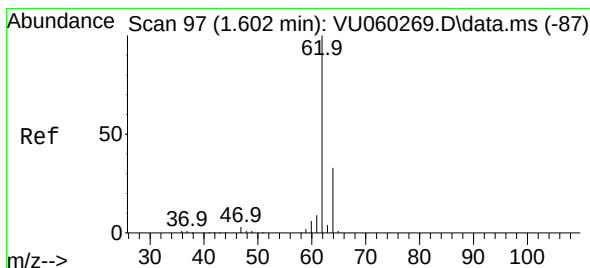
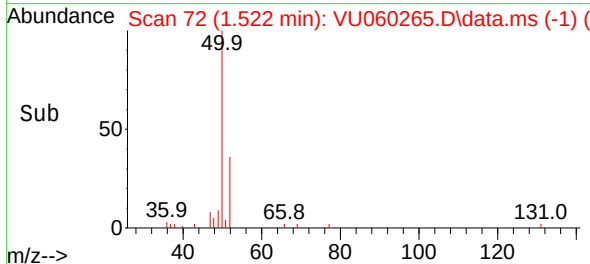
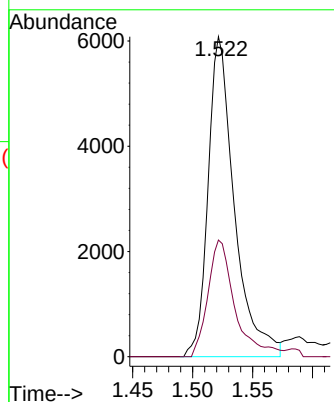


#3
Chloromethane
Concen: 0.519 ug/l
RT: 1.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU060265.D
Acq: 30 Jul 2024 15:11

Instrument :
MSVOA_U
ClientSampleId :

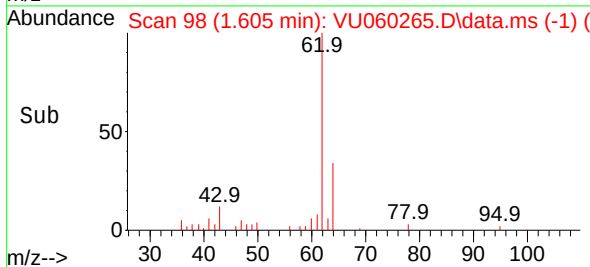
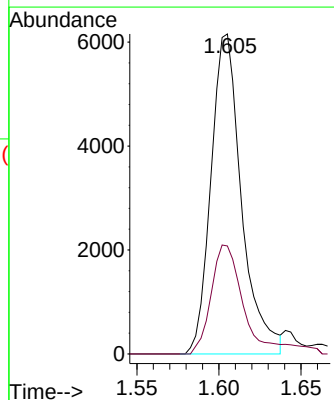
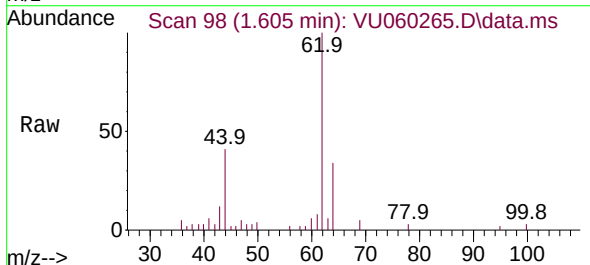


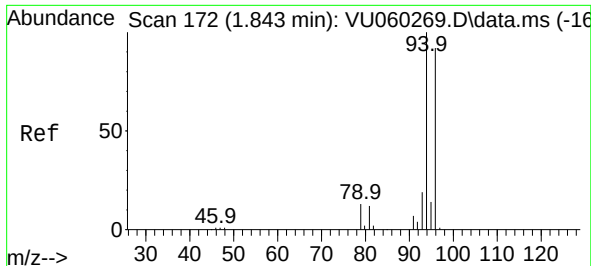
Tgt Ion: 50 Resp: 9263
Ion Ratio Lower Upper
50 100
52 36.5 27.2 40.8



#4
Vinyl Chloride
Concen: 0.461 ug/l
RT: 1.605 min Scan# 98
Delta R.T. 0.003 min
Lab File: VU060265.D
Acq: 30 Jul 2024 15:11

Tgt Ion: 62 Resp: 7967
Ion Ratio Lower Upper
62 100
64 33.8 26.2 39.2

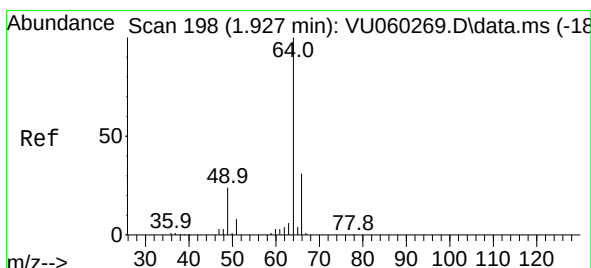
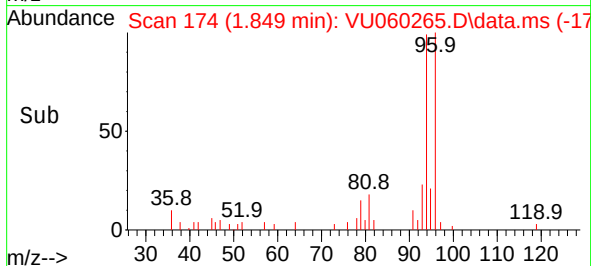
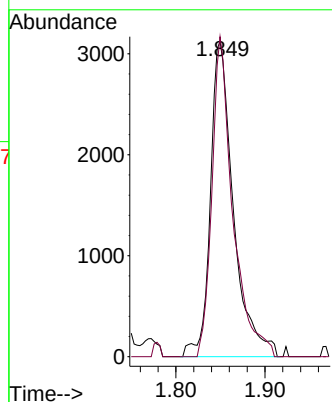
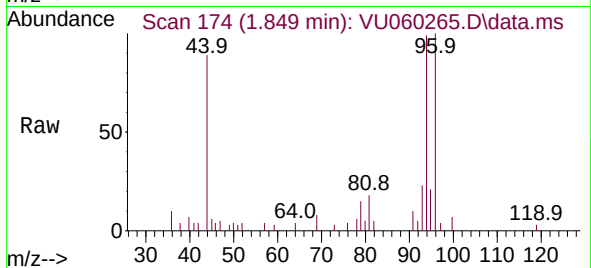




#5
Bromomethane
Concen: 0.534 ug/l
RT: 1.849 min Scan# 174
Delta R.T. 0.006 min
Lab File: VU060265.D
Acq: 30 Jul 2024 15:11

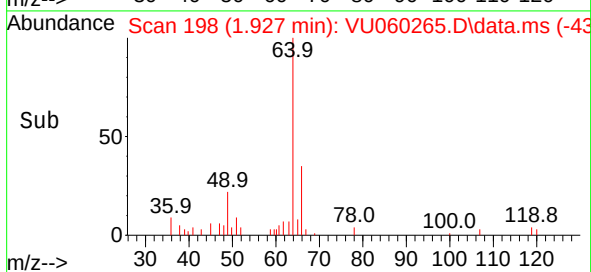
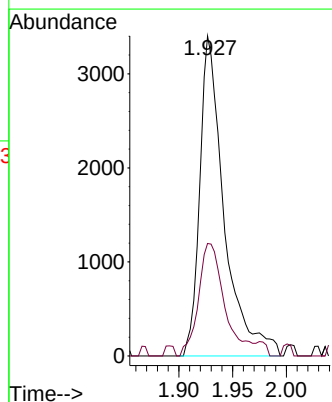
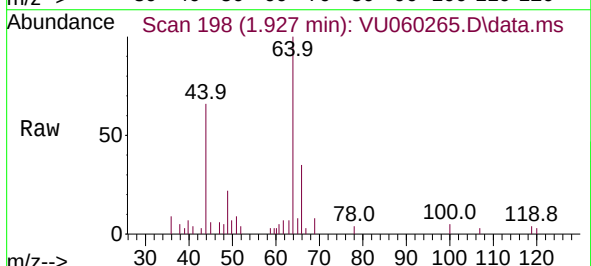
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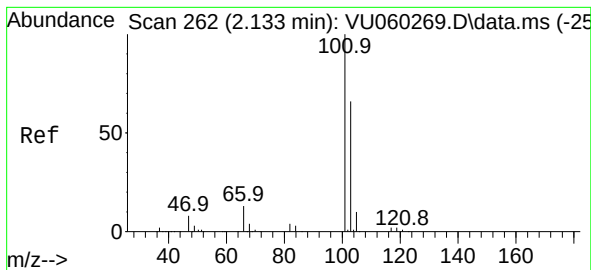
Tgt Ion: 94 Resp: 5606
Ion Ratio Lower Upper
94 100
96 101.4 73.8 110.8



#6
Chloroethane
Concen: 0.517 ug/l
RT: 1.927 min Scan# 198
Delta R.T. -0.000 min
Lab File: VU060265.D
Acq: 30 Jul 2024 15:11

Tgt Ion: 64 Resp: 5363
Ion Ratio Lower Upper
64 100
66 35.1 25.0 37.6

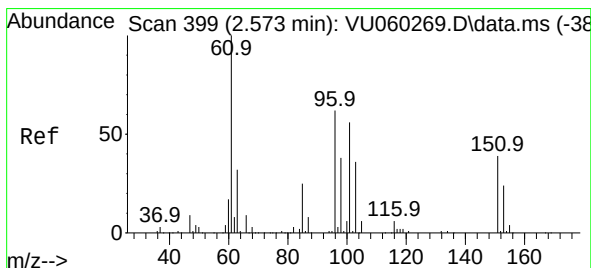
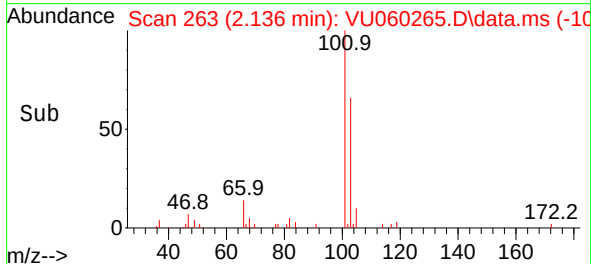
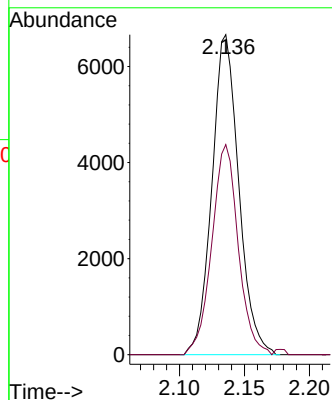
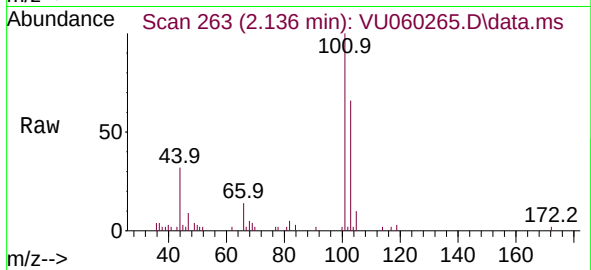




#7
Trichlorofluoromethane
Concen: 0.491 ug/l
RT: 2.136 min Scan# 20
Delta R.T. 0.003 min
Lab File: VU060265.D
Acq: 30 Jul 2024 15:11

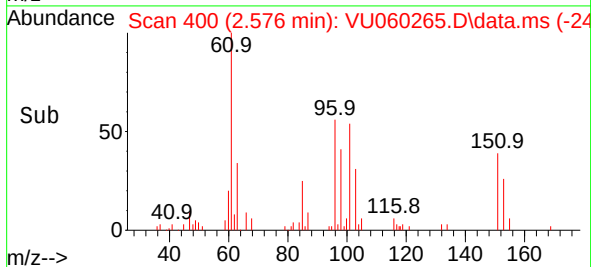
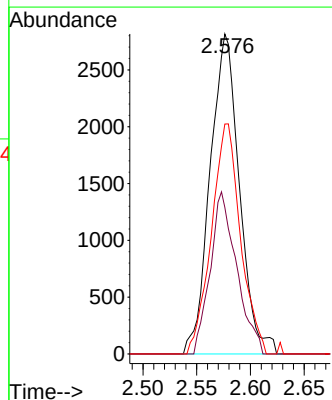
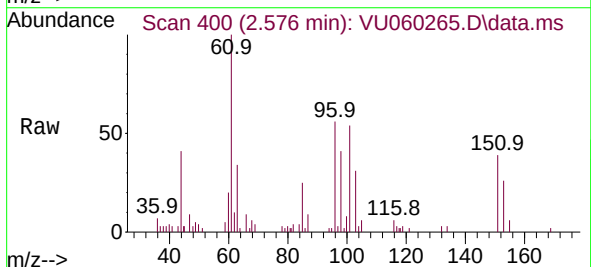
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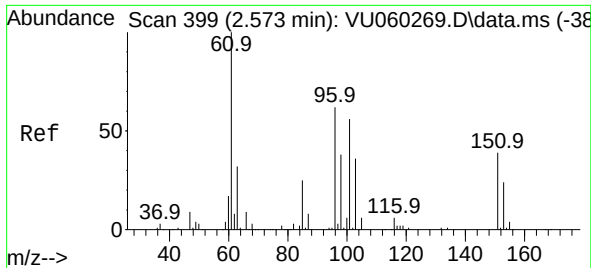
Tgt Ion:101 Resp: 9576
Ion Ratio Lower Upper
101 100
103 65.6 52.6 78.8



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.490 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU060265.D
Acq: 30 Jul 2024 15:11

Tgt Ion:101 Resp: 5345
Ion Ratio Lower Upper
101 100
85 45.6 35.7 53.5
151 71.2 56.0 84.0

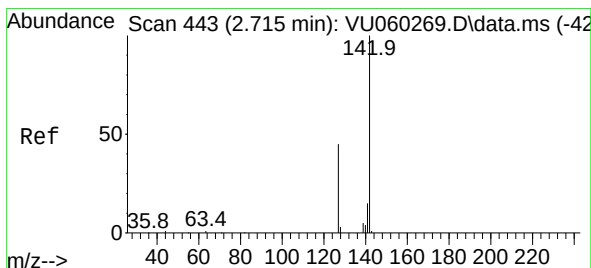
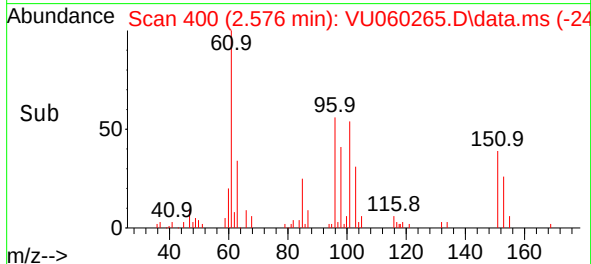
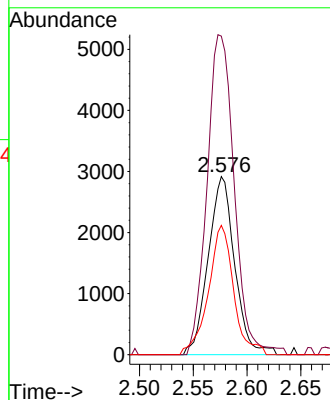
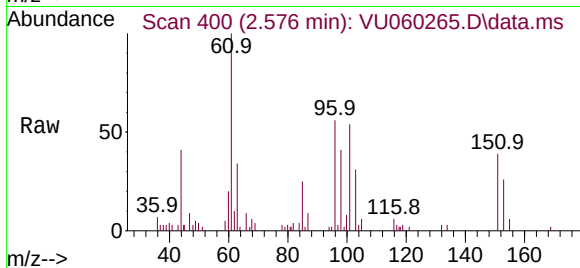




#9
1,1-Dichloroethene
Concen: 0.450 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU060265.D
Acq: 30 Jul 2024 15:11

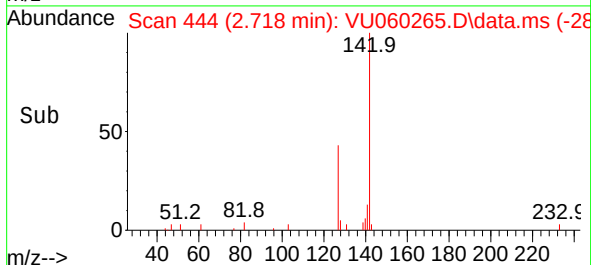
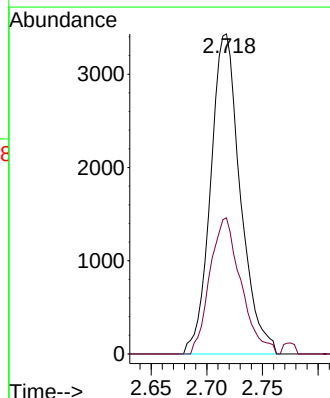
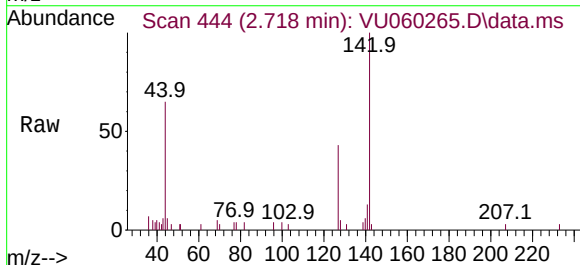
Instrument :
MSVOA_U
ClientSampleId :

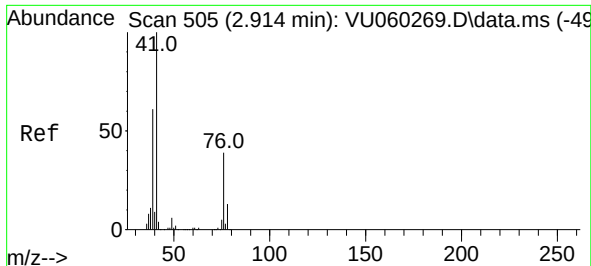
Tgt Ion: 96 Resp: 5001
Ion Ratio Lower Upper
96 100
61 178.9 0.0 482.4
98 72.6 0.0 121.4



#10
Iodomethane
Concen: 0.471 ug/l
RT: 2.718 min Scan# 444
Delta R.T. 0.003 min
Lab File: VU060265.D
Acq: 30 Jul 2024 15:11

Tgt Ion: 142 Resp: 6370
Ion Ratio Lower Upper
142 100
127 44.5 36.1 54.1





#11

Allyl Chloride

Concen: 0.502 ug/l

RT: 2.917 min Scan# 505

Delta R.T. 0.003 min

Lab File: VU060265.D

Acq: 30 Jul 2024 15:11

Instrument :

MSVOA_U

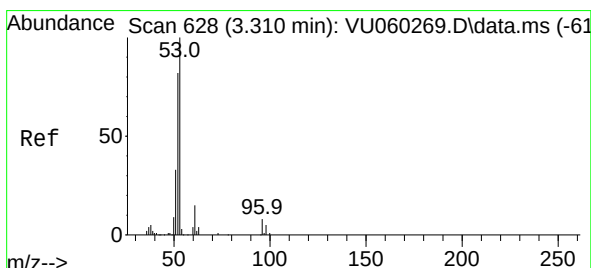
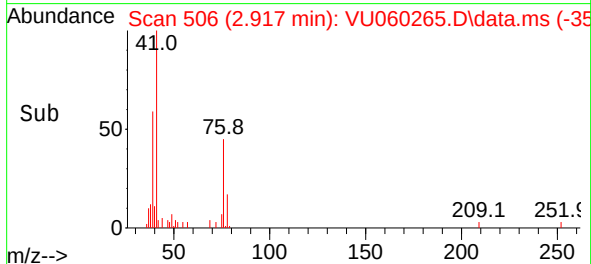
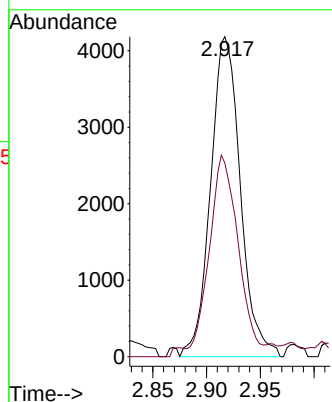
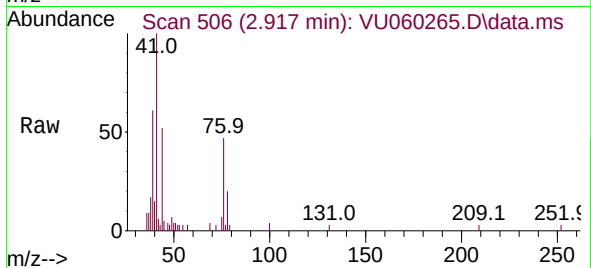
ClientSampleId :

Tgt Ion: 41 Resp: 8062

Ion Ratio Lower Upper

41 100

39 57.6 49.0 73.6



#12

Acrylonitrile

Concen: 1.095 ug/l

RT: 3.309 min Scan# 628

Delta R.T. -0.000 min

Lab File: VU060265.D

Acq: 30 Jul 2024 15:11

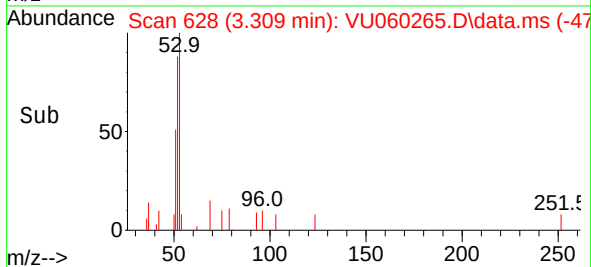
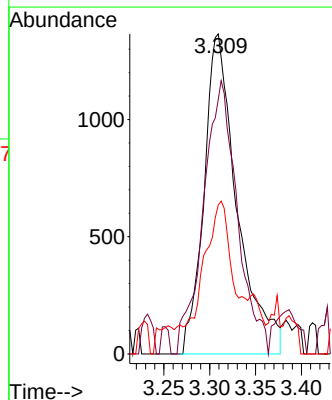
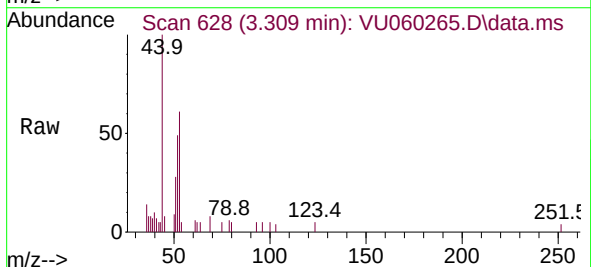
Tgt Ion: 53 Resp: 3424

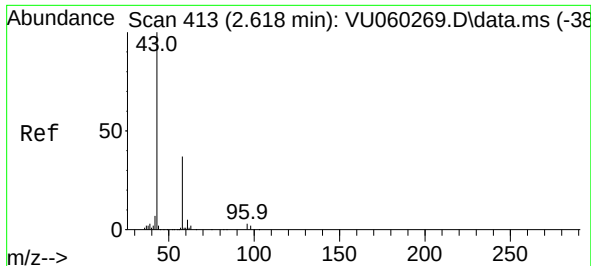
Ion Ratio Lower Upper

53 100

52 87.5 62.6 94.0

51 29.4 25.8 38.8

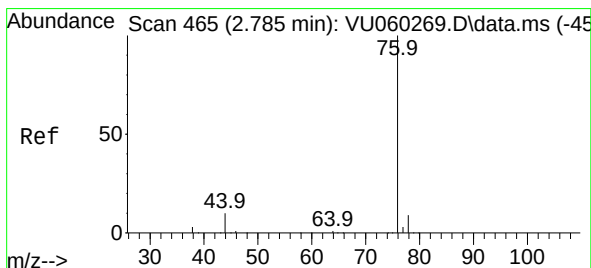
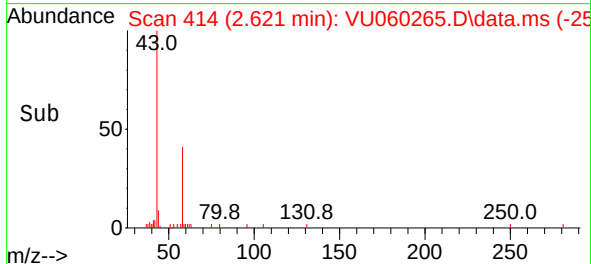
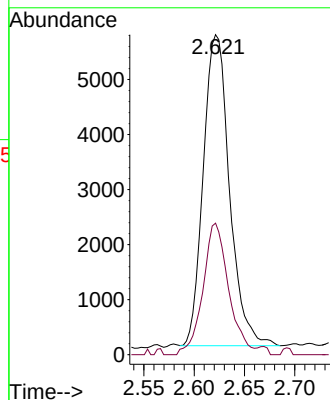
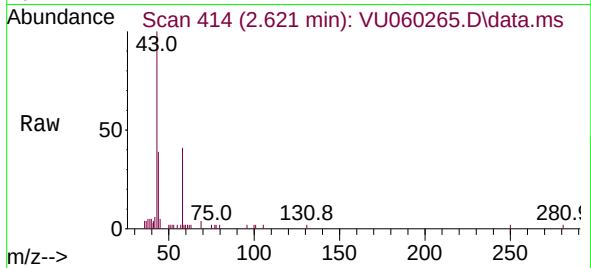




#13
Acetone
Concen: 2.685 ug/l
RT: 2.621 min Scan# 413
Delta R.T. 0.003 min
Lab File: VU060265.D
Acq: 30 Jul 2024 15:11

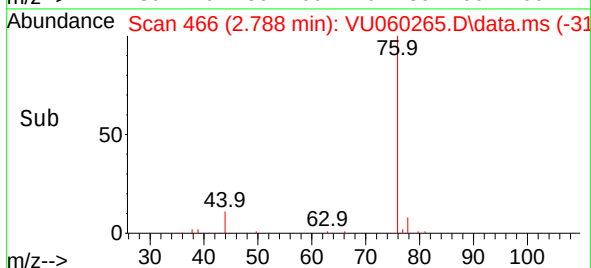
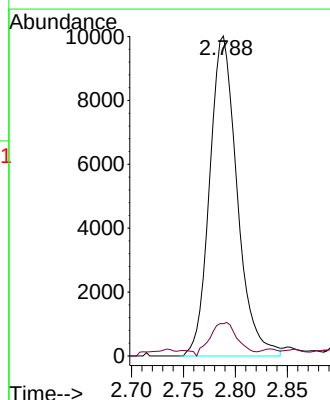
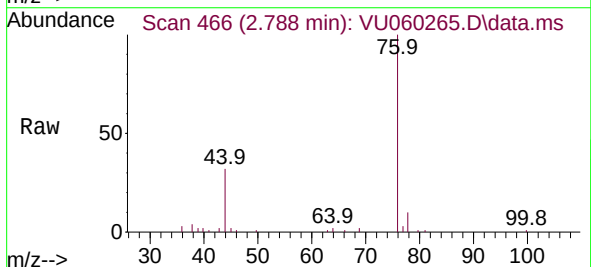
Instrument :
MSVOA_U
ClientSampleId :

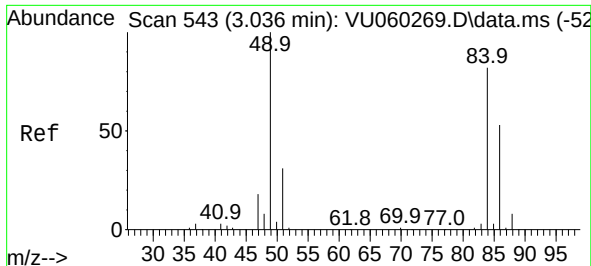
Tgt Ion: 43 Resp: 10249
Ion Ratio Lower Upper
43 100
58 42.3 29.6 44.4



#14
Carbon Disulfide
Concen: 0.470 ug/l
RT: 2.788 min Scan# 466
Delta R.T. 0.003 min
Lab File: VU060265.D
Acq: 30 Jul 2024 15:11

Tgt Ion: 76 Resp: 18451
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0





#15

Methylene Chloride

Concen: 0.643 ug/l

RT: 3.039 min Scan# 543

Delta R.T. 0.003 min

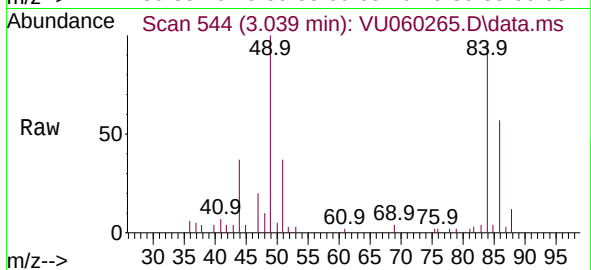
Lab File: VU060265.D

Acq: 30 Jul 2024 15:11

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 84 Resp: 9974

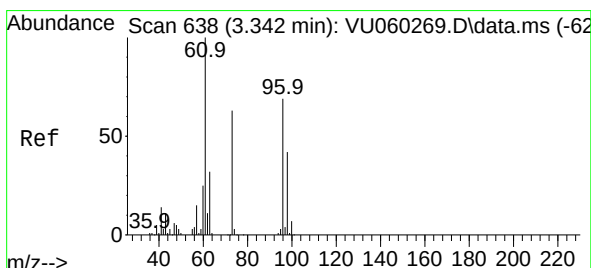
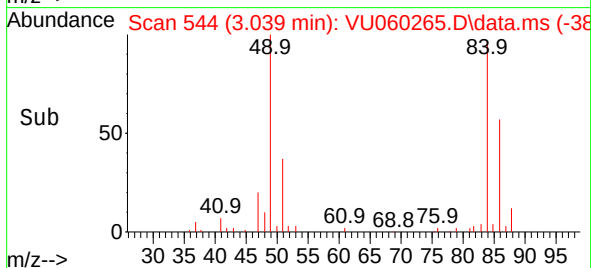
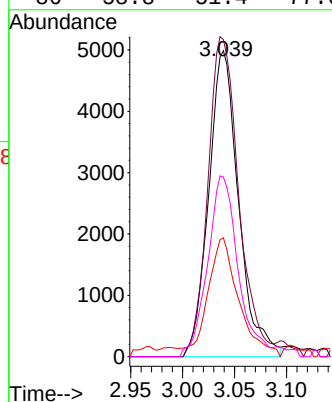
Ion Ratio Lower Upper

84 100

49 100.7 97.1 145.7

51 38.9 0.0 74.6

86 58.8 51.4 77.0



#16

trans-1,2-Dichloroethene

Concen: 0.474 ug/l

RT: 3.345 min Scan# 639

Delta R.T. 0.003 min

Lab File: VU060265.D

Acq: 30 Jul 2024 15:11

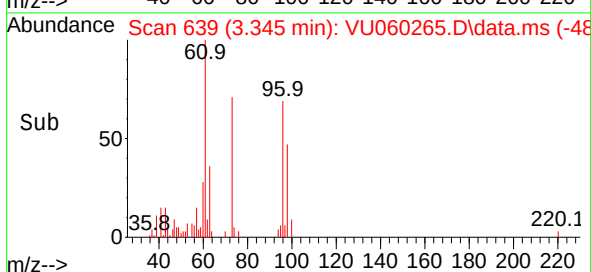
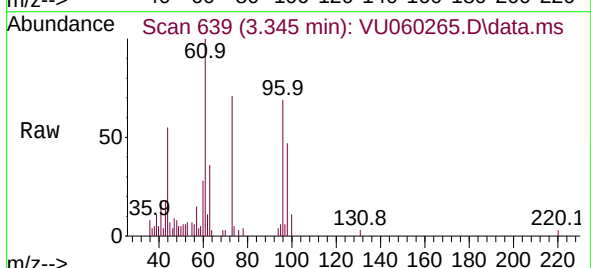
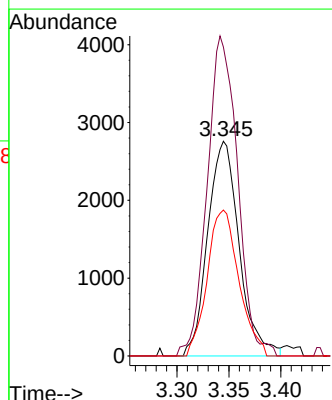
Tgt Ion: 96 Resp: 5813

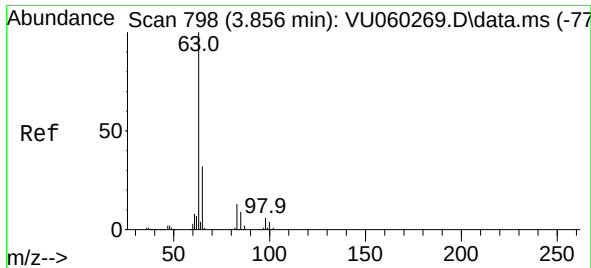
Ion Ratio Lower Upper

96 100

61 143.9 116.2 174.4

98 68.0 49.2 73.8

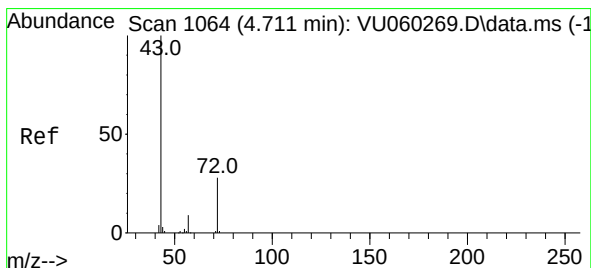
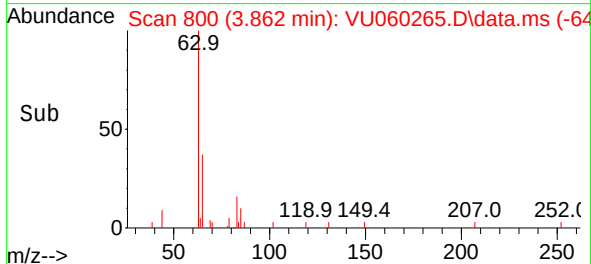
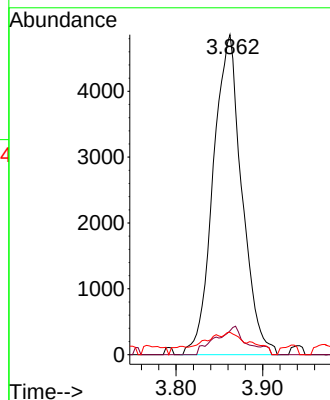
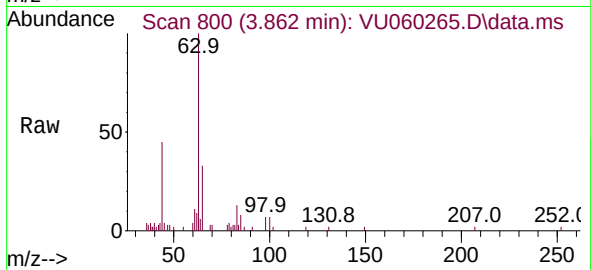




#17
1,1-Dichloroethane
Concen: 0.475 ug/l
RT: 3.862 min Scan# 80
Delta R.T. 0.006 min
Lab File: VU060265.D
Acq: 30 Jul 2024 15:11

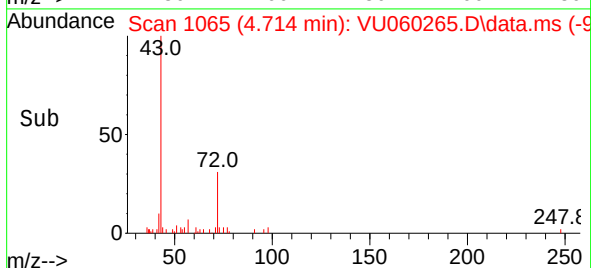
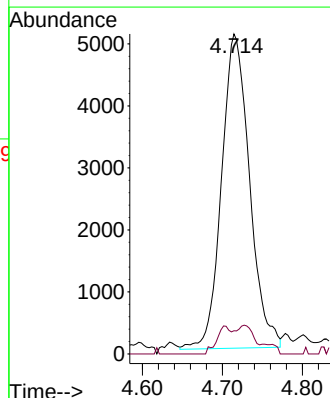
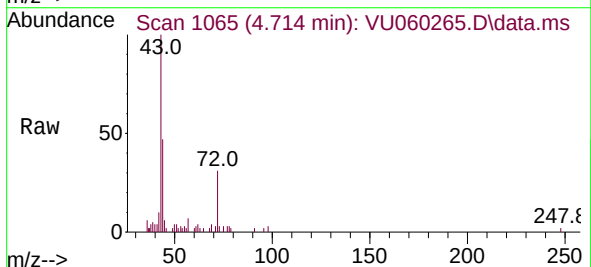
Instrument :
MSVOA_U
ClientSampleId :

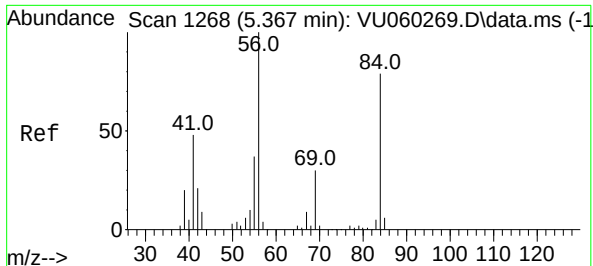
Tgt Ion:	63	Resp:	11173
Ion	Ratio	Lower	Upper
63	100		
98	7.4	3.1	9.3
100	5.0	1.8	5.5



#18
2-Butanone
Concen: 2.846 ug/l
RT: 4.714 min Scan# 1065
Delta R.T. 0.003 min
Lab File: VU060265.D
Acq: 30 Jul 2024 15:11

Tgt Ion:	43	Resp:	12320
Ion	Ratio	Lower	Upper
43	100		
57	7.4	0.0	18.2





#19

Cyclohexane

Concen: 0.441 ug/l

RT: 5.370 min Scan# 1268

Delta R.T. 0.003 min

Lab File: VU060265.D

Acq: 30 Jul 2024 15:11

Instrument :

MSVOA_U

ClientSampleId :

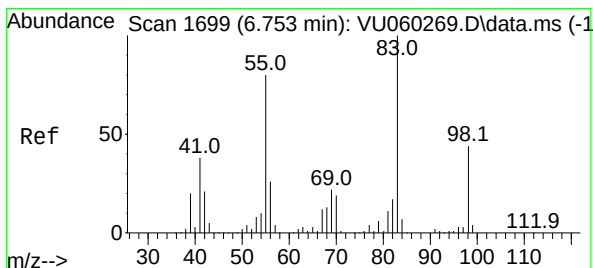
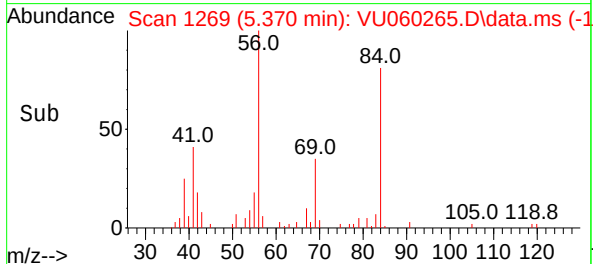
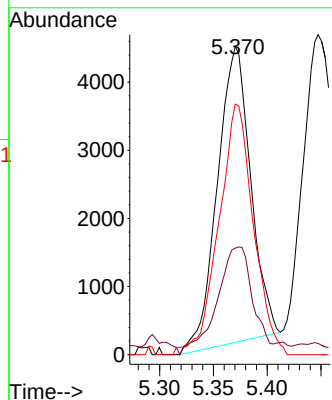
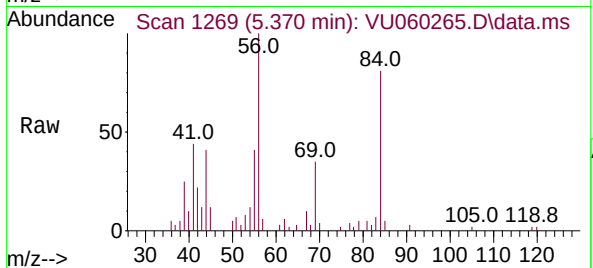
Tgt Ion: 56 Resp: 9385

Ion Ratio Lower Upper

56 100

69 35.0 24.1 36.1

84 87.7 63.7 95.5



#20

Methylcyclohexane

Concen: 0.433 ug/l

RT: 6.753 min Scan# 1699

Delta R.T. -0.000 min

Lab File: VU060265.D

Acq: 30 Jul 2024 15:11

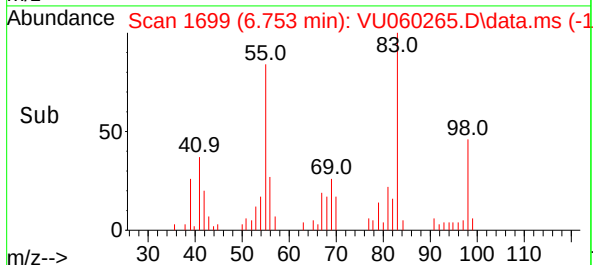
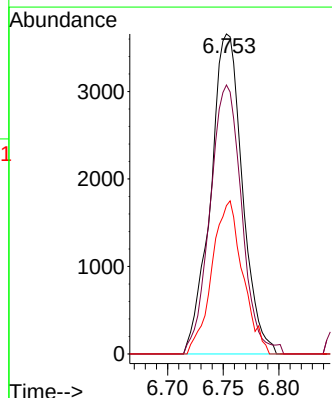
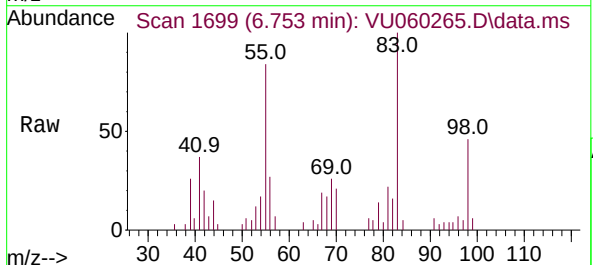
Tgt Ion: 83 Resp: 7255

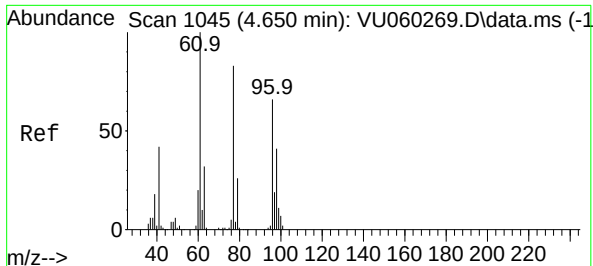
Ion Ratio Lower Upper

83 100

55 83.8 64.2 96.2

98 46.4 35.6 53.4

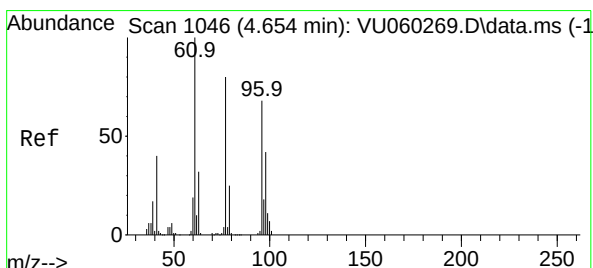
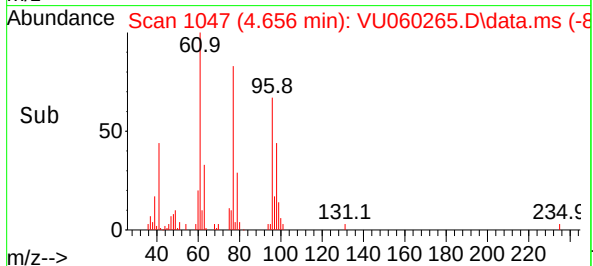
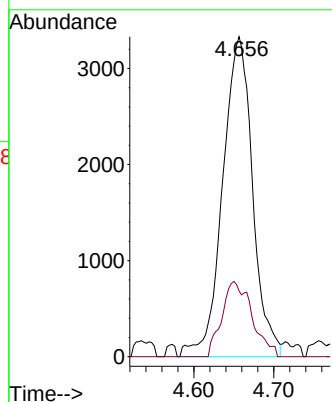
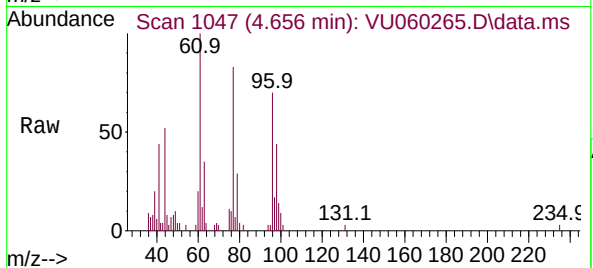




#21
2,2-Dichloropropane
Concen: 0.496 ug/l
RT: 4.656 min Scan# 1047
Delta R.T. 0.006 min
Lab File: VU060265.D
Acq: 30 Jul 2024 15:11

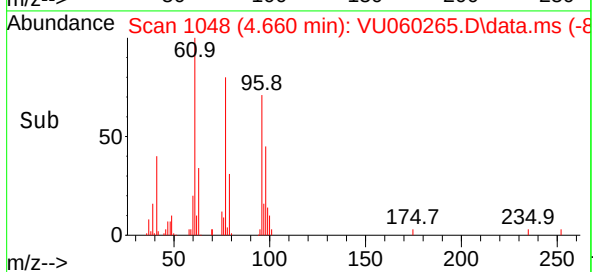
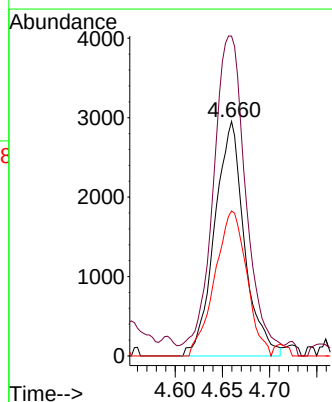
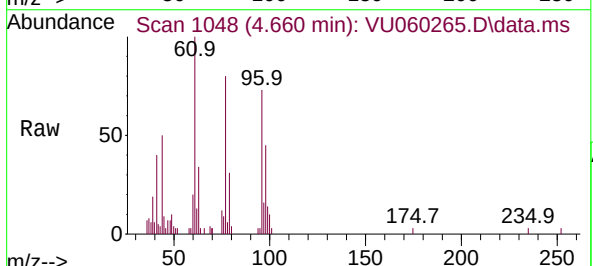
Instrument :
MSVOA_U
ClientSampleId :

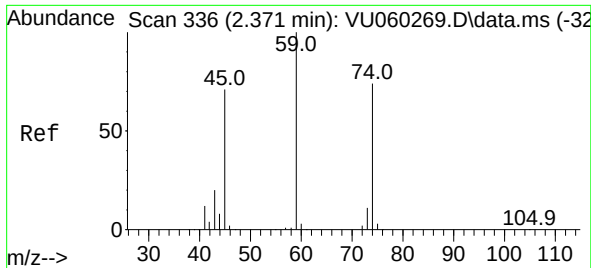
Tgt Ion: 77 Resp: 8668
Ion Ratio Lower Upper
77 100
97 23.7 18.2 27.4



#22
cis-1,2-Dichloroethene
Concen: 0.491 ug/l
RT: 4.660 min Scan# 1048
Delta R.T. 0.006 min
Lab File: VU060265.D
Acq: 30 Jul 2024 15:11

Tgt Ion: 96 Resp: 6475
Ion Ratio Lower Upper
96 100
61 137.3 0.0 375.0
98 66.3 31.9 95.5

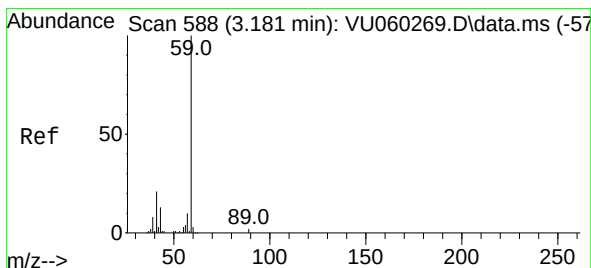
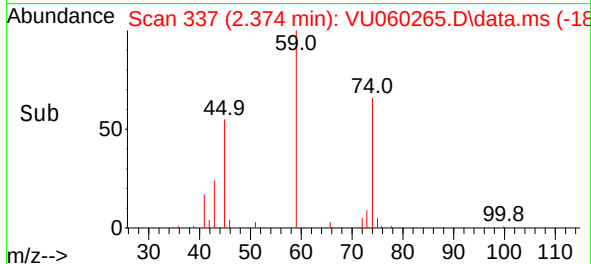
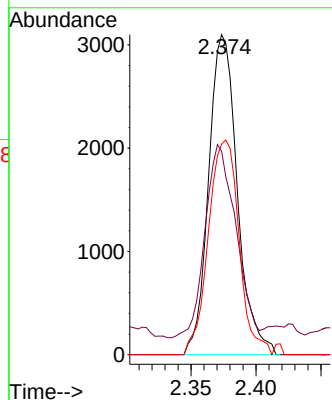
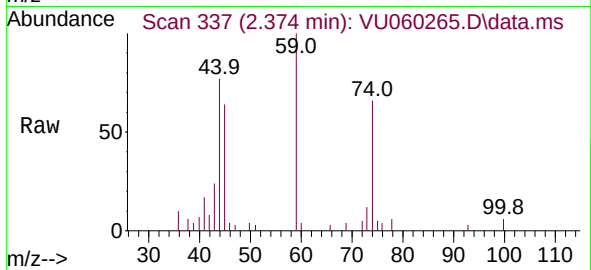




#23
Diethyl Ether
Concen: 0.500 ug/l
RT: 2.374 min Scan# 336
Delta R.T. 0.003 min
Lab File: VU060265.D
Acq: 30 Jul 2024 15:11

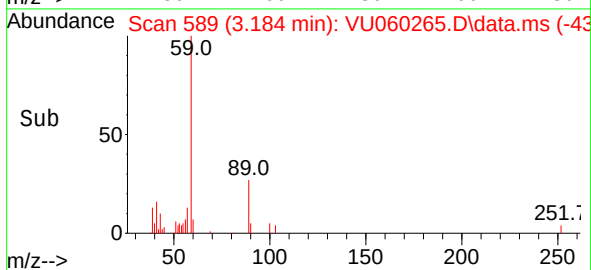
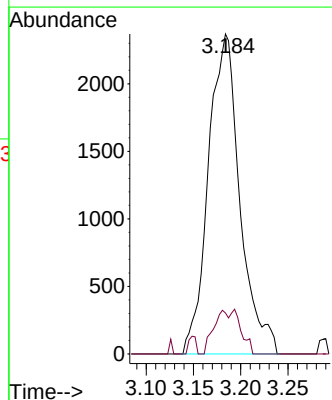
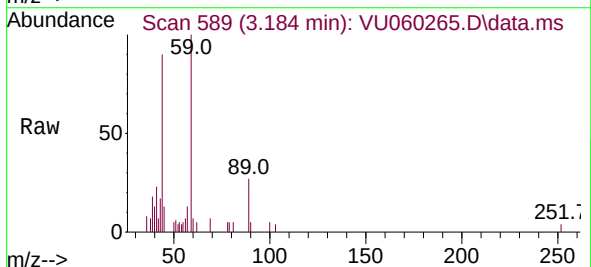
Instrument :
MSVOA_U
ClientSampleId :

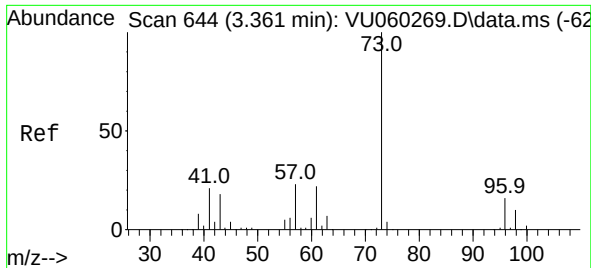
Tgt Ion: 59 Resp: 4755
Ion Ratio Lower Upper
59 100
45 65.9 55.8 83.8
74 71.7 59.0 88.6



#24
tert-Butyl Alcohol
Concen: 5.048 ug/l
RT: 3.184 min Scan# 589
Delta R.T. 0.003 min
Lab File: VU060265.D
Acq: 30 Jul 2024 15:11

Tgt Ion: 59 Resp: 5499
Ion Ratio Lower Upper
59 100
57 6.6 7.8 11.8#

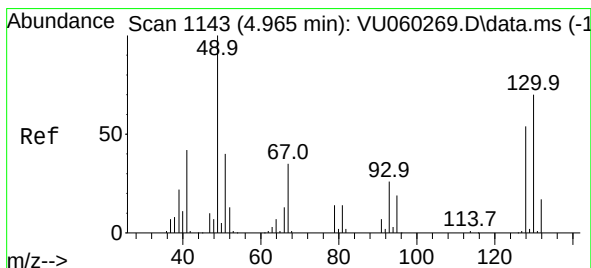
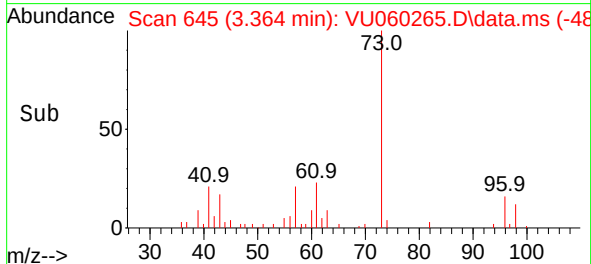
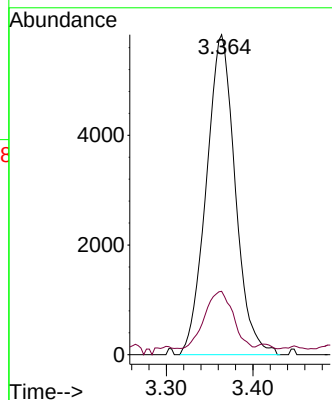
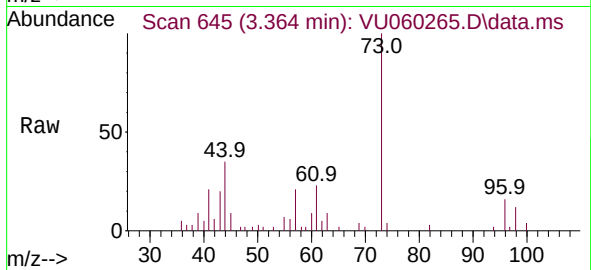




#25
Methyl tert-Butyl Ether
Concen: 0.474 ug/l
RT: 3.364 min Scan# 644
Delta R.T. 0.003 min
Lab File: VU060265.D
Acq: 30 Jul 2024 15:11

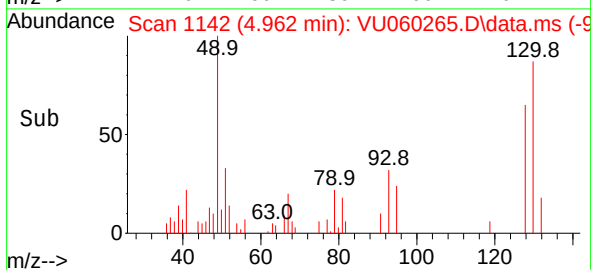
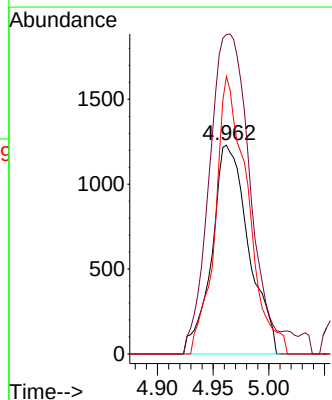
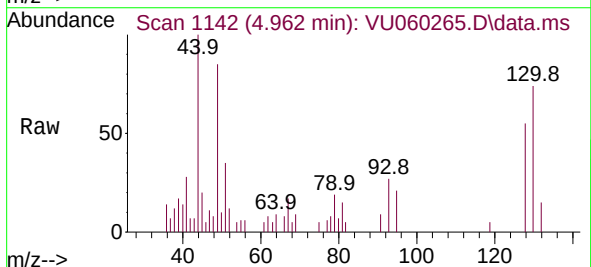
Instrument :
MSVOA_U
ClientSampleId :

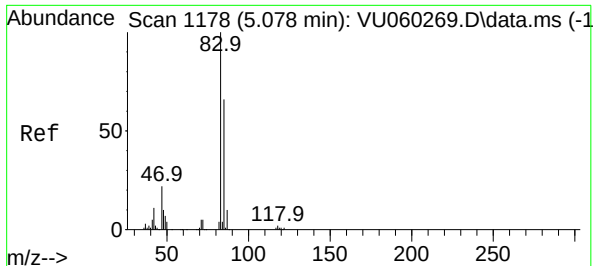
Tgt Ion: 73 Resp: 13532
Ion Ratio Lower Upper
73 100
43 20.2 14.2 21.4



#26
Bromochloromethane
Concen: 0.532 ug/l
RT: 4.962 min Scan# 1142
Delta R.T. -0.004 min
Lab File: VU060265.D
Acq: 30 Jul 2024 15:11

Tgt Ion: 128 Resp: 2824
Ion Ratio Lower Upper
128 100
49 172.5 0.0 372.2
130 117.5 101.0 151.6

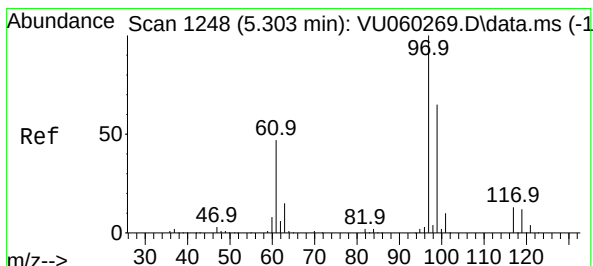
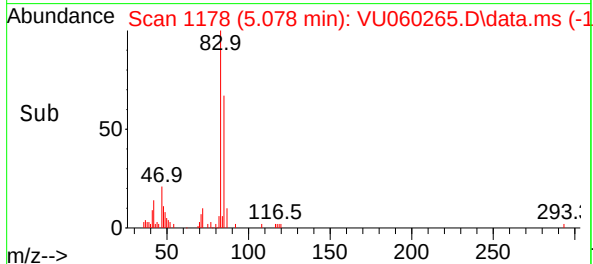
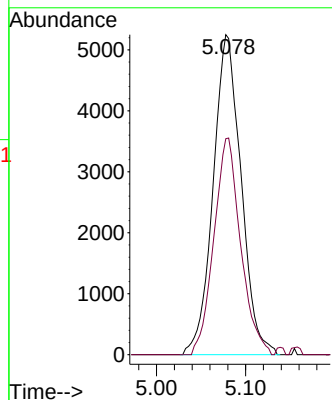
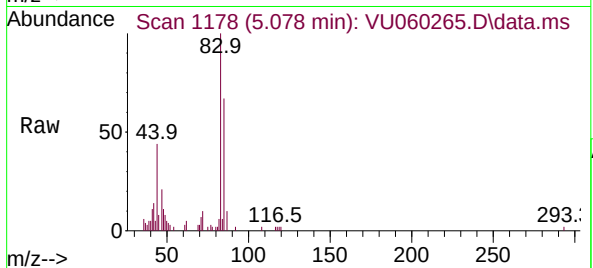




#27
Chloroform
Concen: 0.502 ug/l
RT: 5.078 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VU060265.D
Acq: 30 Jul 2024 15:11

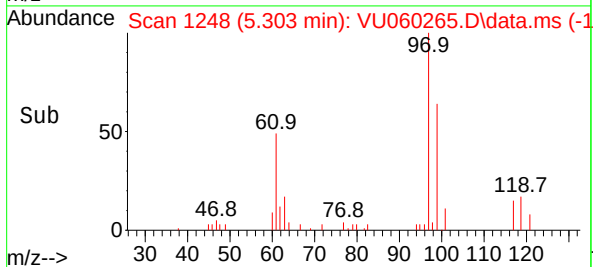
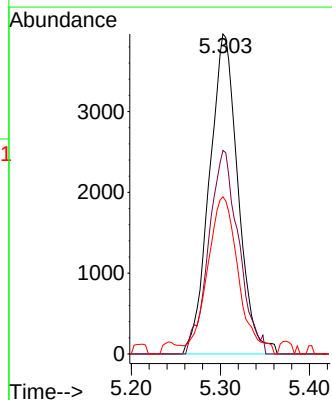
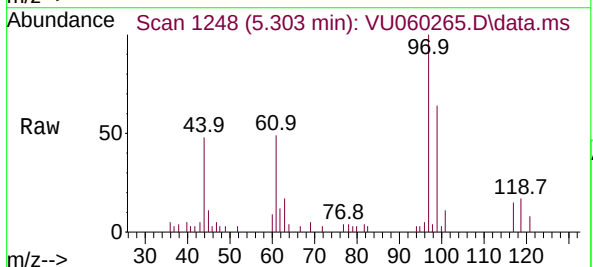
Instrument :
MSVOA_U
ClientSampleId :

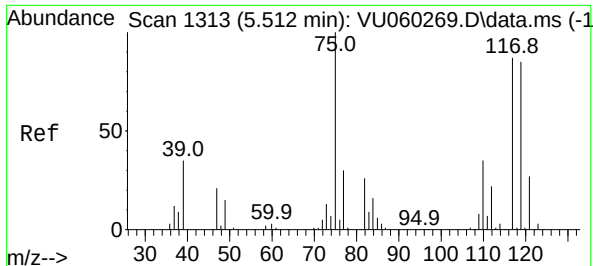
Tgt Ion: 83 Resp: 11450
Ion Ratio Lower Upper
83 100
85 67.5 0.0 131.4



#28
1,1,1-Trichloroethane
Concen: 0.471 ug/l
RT: 5.303 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VU060265.D
Acq: 30 Jul 2024 15:11

Tgt Ion: 97 Resp: 8844
Ion Ratio Lower Upper
97 100
99 66.3 31.9 95.9
61 52.9 23.4 70.0

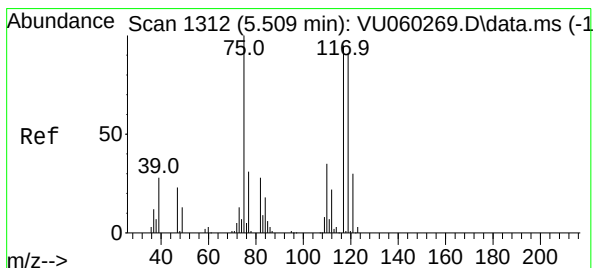
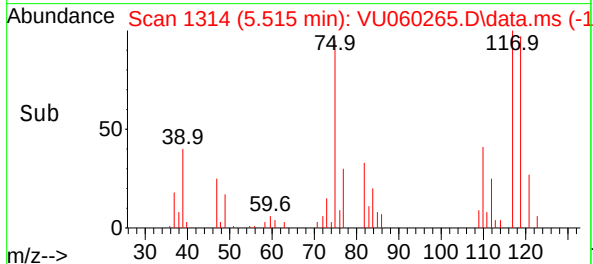
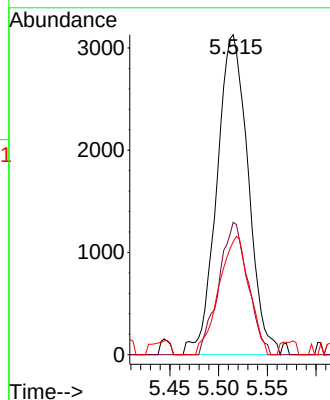
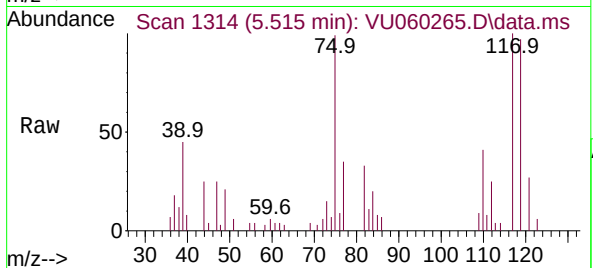




#29
1,1-Dichloropropene
Concen: 0.459 ug/l
RT: 5.515 min Scan# 1314
Delta R.T. 0.003 min
Lab File: VU060265.D
Acq: 30 Jul 2024 15:11

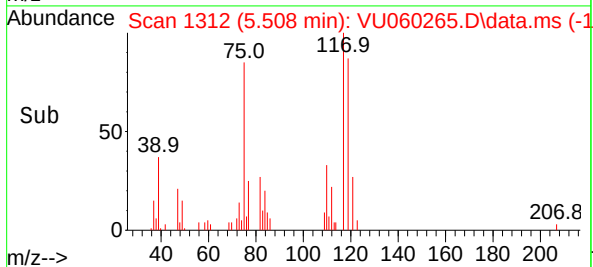
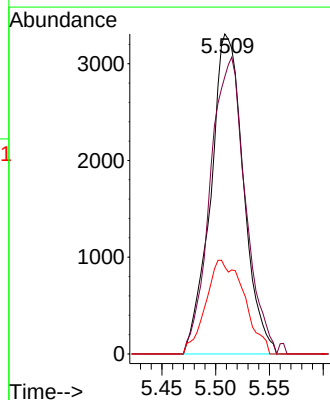
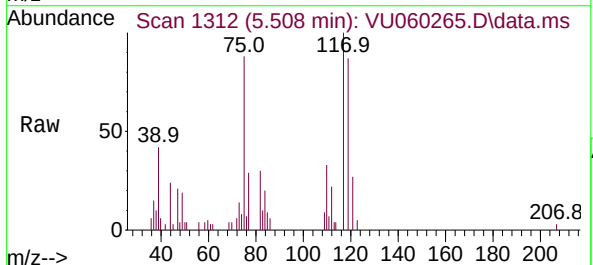
Instrument :
MSVOA_U
ClientSampleId :

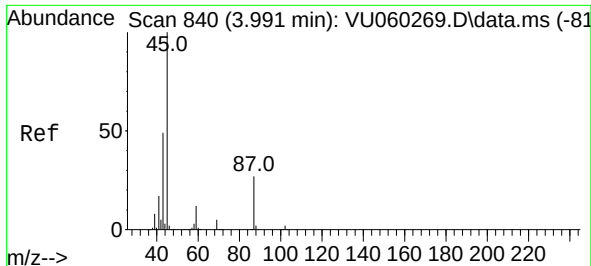
Tgt Ion: 75 Resp: 6991
Ion Ratio Lower Upper
75 100
110 38.3 17.4 52.3
77 35.9 25.1 37.7



#30
Carbon Tetrachloride
Concen: 0.460 ug/l
RT: 5.508 min Scan# 1312
Delta R.T. -0.000 min
Lab File: VU060265.D
Acq: 30 Jul 2024 15:11

Tgt Ion: 117 Resp: 7015
Ion Ratio Lower Upper
117 100
119 86.6 76.7 115.1
121 27.2 25.0 37.4

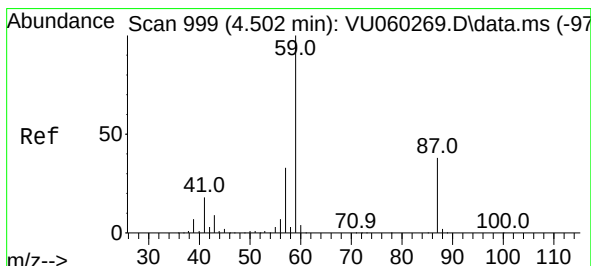
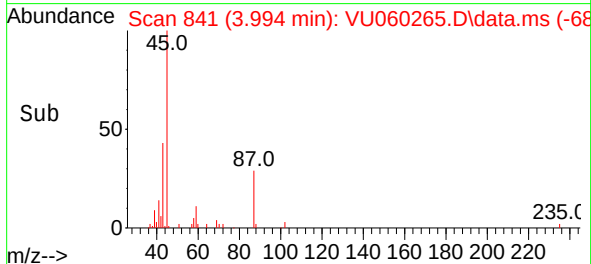
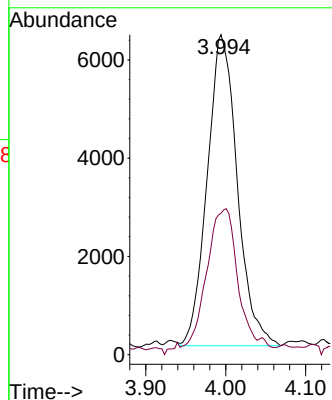
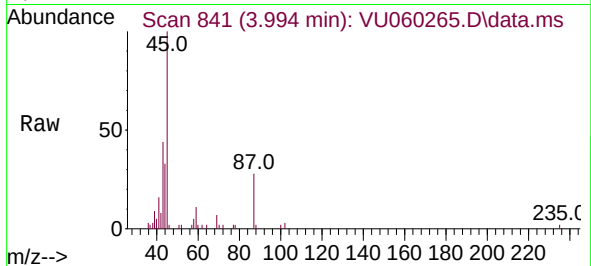




#31
Isopropyl Ether
Concen: 0.467 ug/l
RT: 3.994 min Scan# 840
Delta R.T. 0.003 min
Lab File: VU060265.D
Acq: 30 Jul 2024 15:11

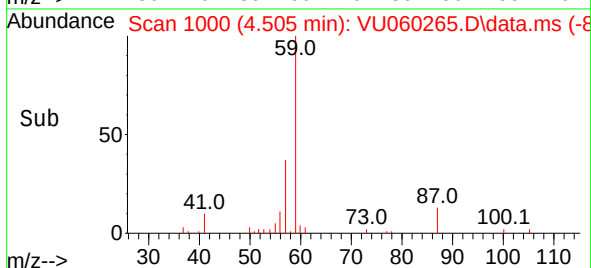
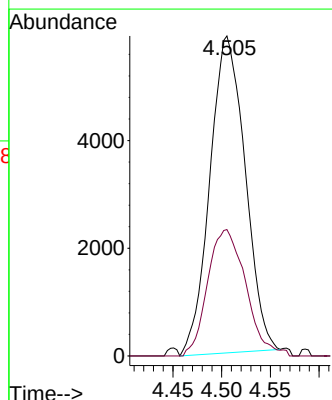
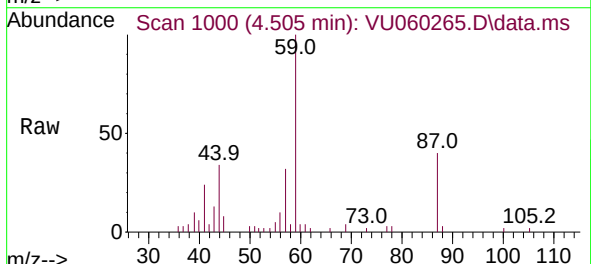
Instrument :
MSVOA_U
ClientSampleId :

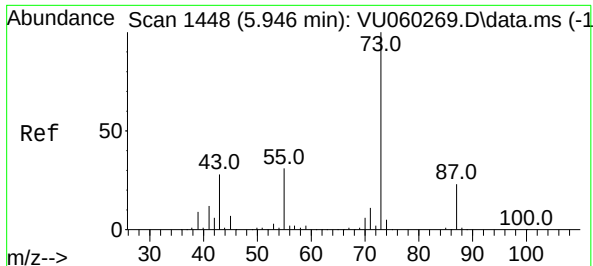
Tgt Ion: 45 Resp: 16533
Ion Ratio Lower Upper
45 100
43 44.6 24.6 74.0



#32
Ethyl-t-butyl ether
Concen: 0.447 ug/l
RT: 4.505 min Scan# 1000
Delta R.T. 0.003 min
Lab File: VU060265.D
Acq: 30 Jul 2024 15:11

Tgt Ion: 59 Resp: 14810
Ion Ratio Lower Upper
59 100
87 43.1 31.0 46.6





#33

Tert-Amyl methyl ether

Concen: 0.439 ug/l

RT: 5.949 min Scan# 1448

Delta R.T. 0.003 min

Lab File: VU060265.D

Acq: 30 Jul 2024 15:11

Instrument :

MSVOA_U

ClientSampleId :

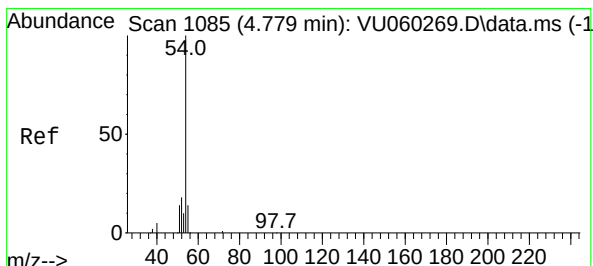
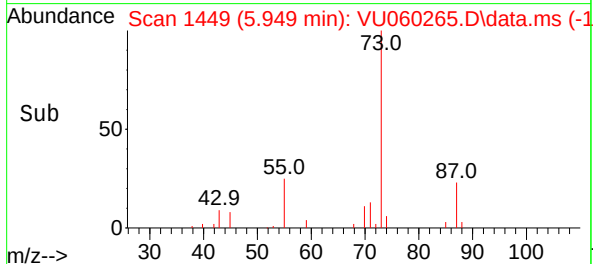
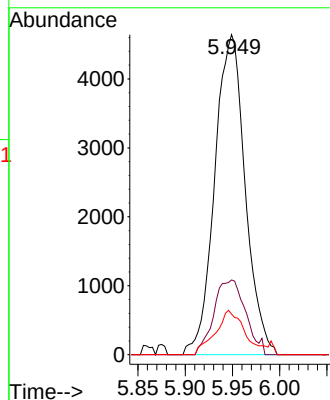
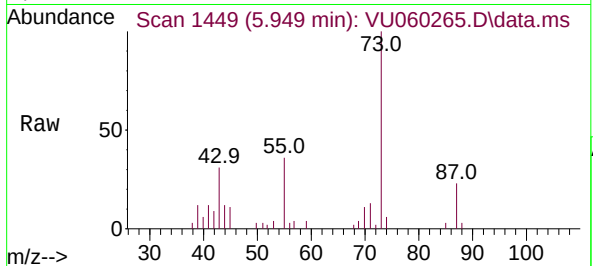
Tgt Ion: 73 Resp: 10418

Ion Ratio Lower Upper

73 100

87 24.3 18.7 28.1

71 10.7 9.5 14.3



#34

Propionitrile

Concen: 2.737 ug/l

RT: 4.775 min Scan# 1084

Delta R.T. -0.004 min

Lab File: VU060265.D

Acq: 30 Jul 2024 15:11

Tgt Ion: 54 Resp: 3376

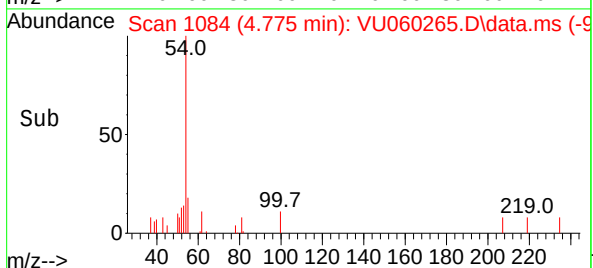
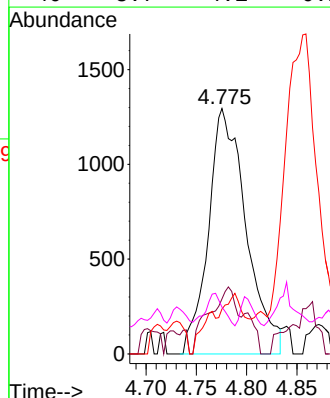
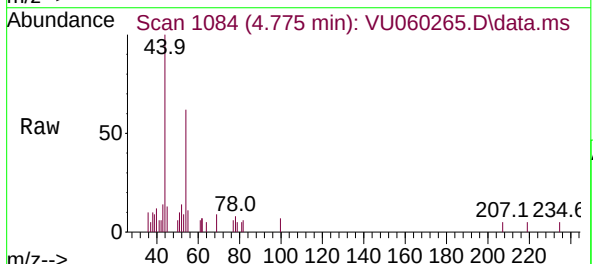
Ion Ratio Lower Upper

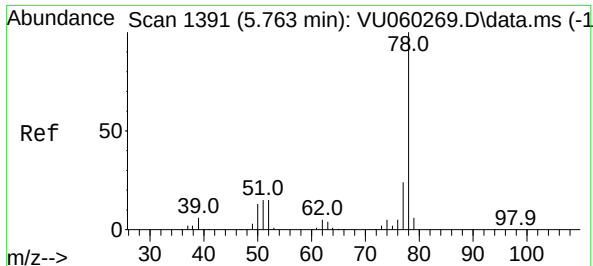
54 100

52 20.5 15.1 22.7

55 5.1 12.5 18.7#

40 3.7 4.1 6.1#

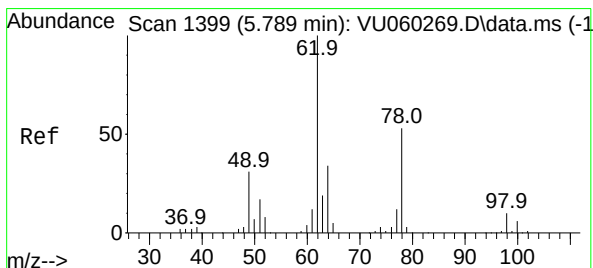
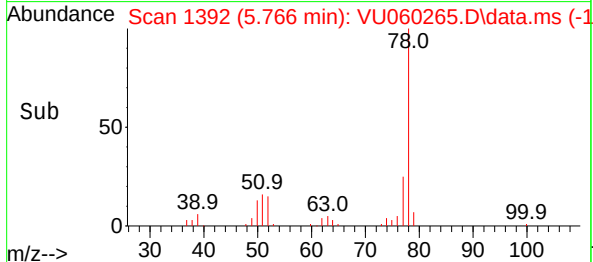
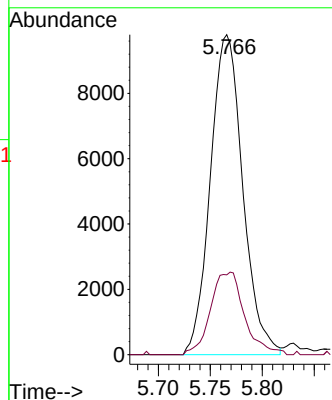
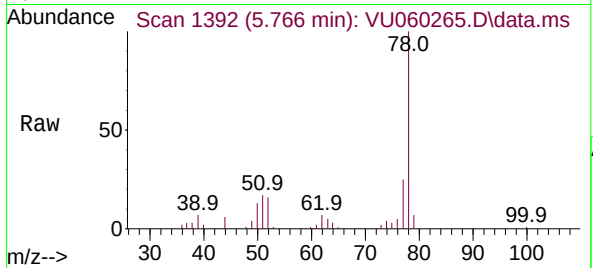




#35
Benzene
Concen: 0.449 ug/l
RT: 5.766 min Scan# 1400
Delta R.T. 0.003 min
Lab File: VU060265.D
Acq: 30 Jul 2024 15:11

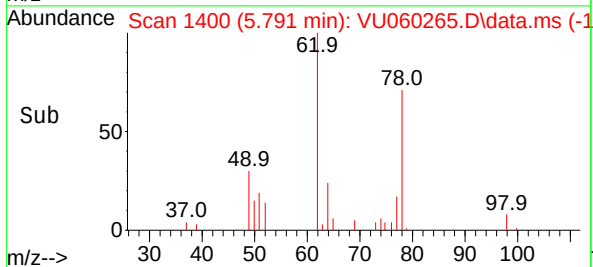
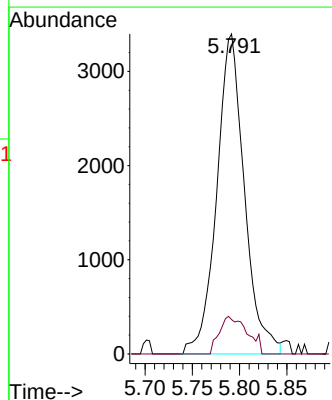
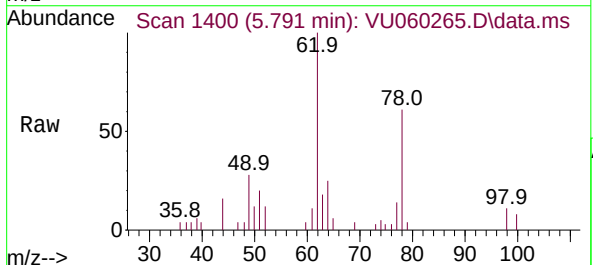
Instrument :
MSVOA_U
ClientSampleId :

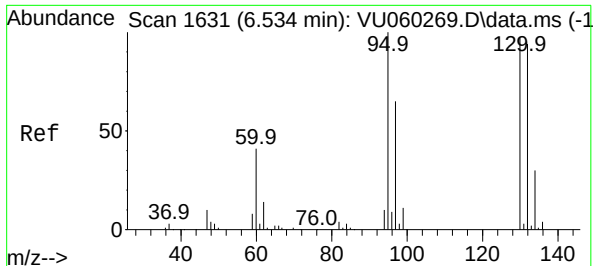
Tgt Ion: 78 Resp: 21256
Ion Ratio Lower Upper
78 100
77 23.6 19.4 29.0



#36
1,2-Dichloroethane
Concen: 0.506 ug/l
RT: 5.791 min Scan# 1400
Delta R.T. 0.003 min
Lab File: VU060265.D
Acq: 30 Jul 2024 15:11

Tgt Ion: 62 Resp: 6914
Ion Ratio Lower Upper
62 100
98 11.8 7.3 10.9#





#37

Trichloroethene

Concen: 0.513 ug/l

RT: 6.537 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU060265.D

Acq: 30 Jul 2024 15:11

Instrument :

MSVOA_U

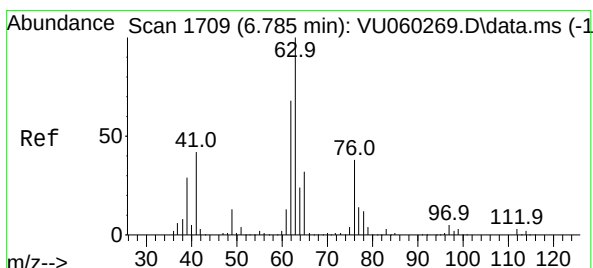
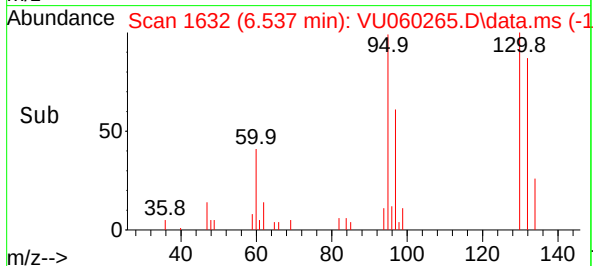
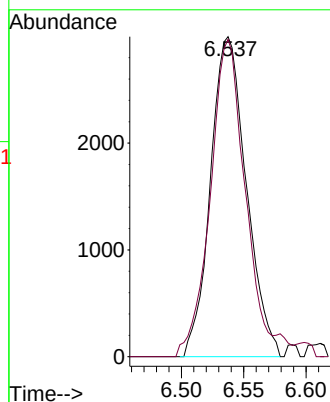
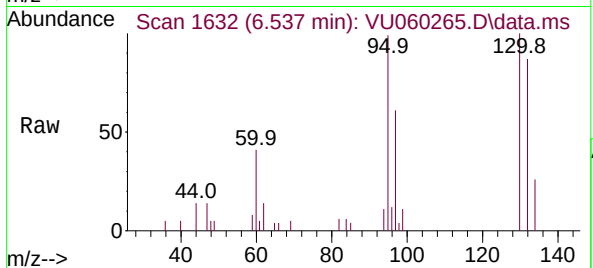
ClientSampleId :

Tgt Ion:130 Resp: 5992

Ion Ratio Lower Upper

130 100

95 95.4 82.9 124.3



#38

1,2-Dichloropropane

Concen: 0.451 ug/l

RT: 6.788 min Scan# 1710

Delta R.T. 0.003 min

Lab File: VU060265.D

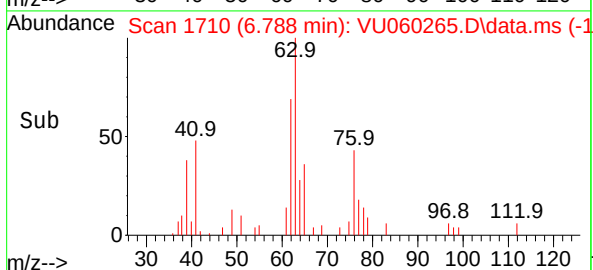
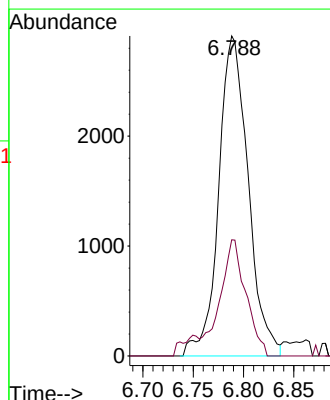
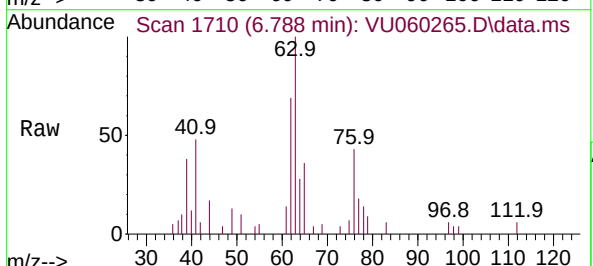
Acq: 30 Jul 2024 15:11

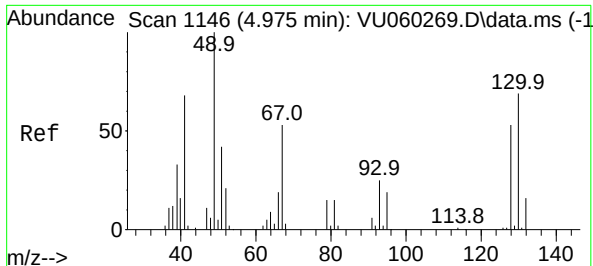
Tgt Ion: 63 Resp: 5945

Ion Ratio Lower Upper

63 100

65 36.3 25.7 38.5





#39

Methacrylonitrile

Concen: 0.573 ug/l

RT: 4.978 min Scan# 1146

Delta R.T. 0.003 min

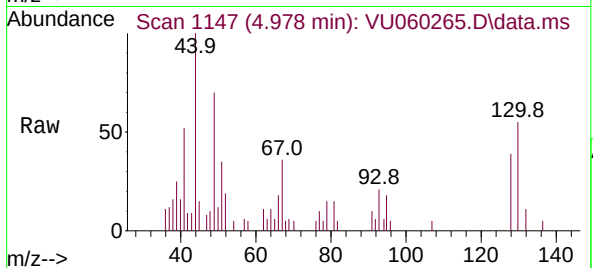
Lab File: VU060265.D

Acq: 30 Jul 2024 15:11

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 41 Resp: 2713

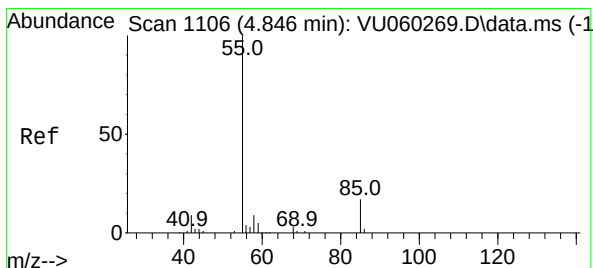
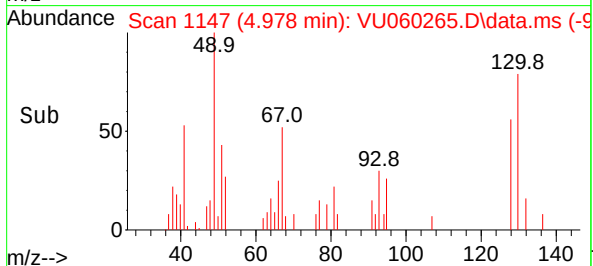
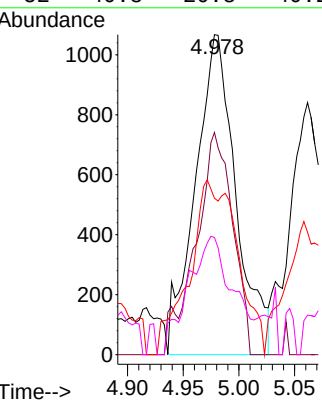
Ion Ratio Lower Upper

41 100

67 59.5 64.1 96.1#

39 38.1 40.2 60.4#

52 40.8 26.8 40.2#



#40

Methyl acrylate

Concen: 0.507 ug/l

RT: 4.859 min Scan# 1110

Delta R.T. 0.013 min

Lab File: VU060265.D

Acq: 30 Jul 2024 15:11

Tgt Ion: 55 Resp: 3942

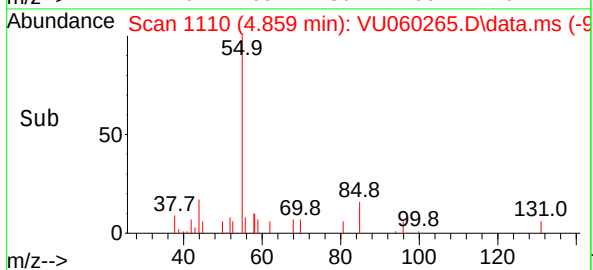
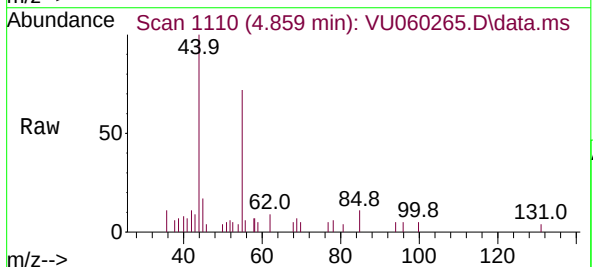
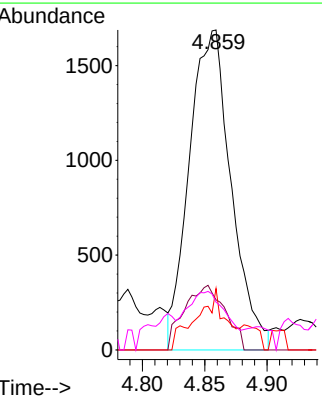
Ion Ratio Lower Upper

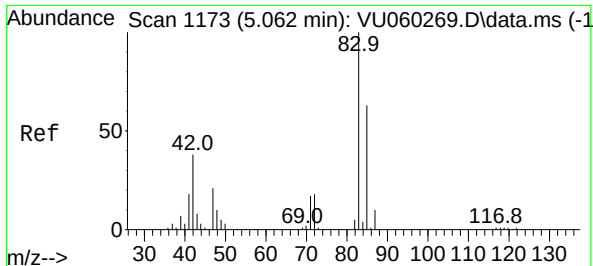
55 100

85 19.7 13.1 19.7#

58 13.0 6.9 10.3#

42 9.1 7.7 11.5





#41

Tetrahydrofuran

Concen: 1.005 ug/l

RT: 5.068 min Scan# 1173

Delta R.T. 0.006 min

Lab File: VU060265.D

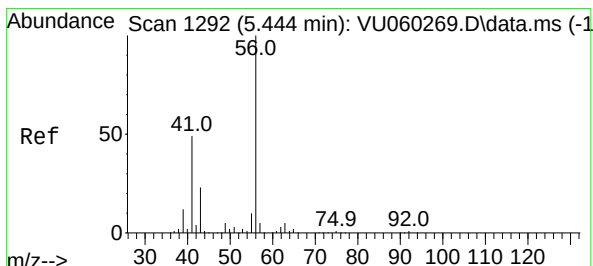
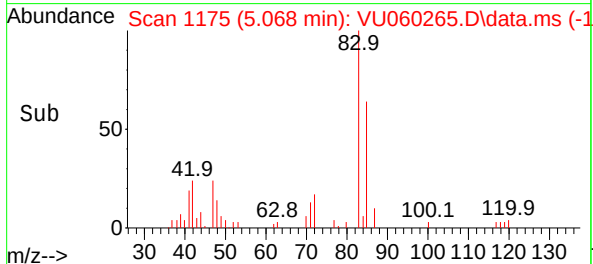
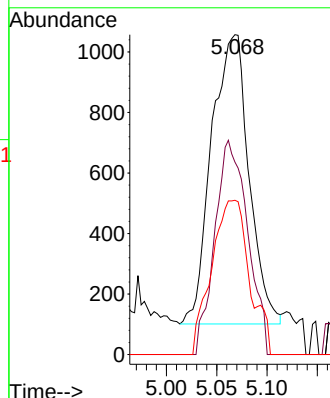
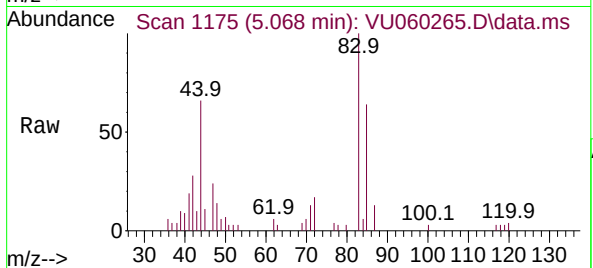
Acq: 30 Jul 2024 15:11

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	42	Resp:	2473
Ion Ratio	Lower	Upper	
42	100		
72	65.1	38.1	57.1#
71	54.1	35.4	53.0#



#42

1-Chlorobutane

Concen: 0.476 ug/l

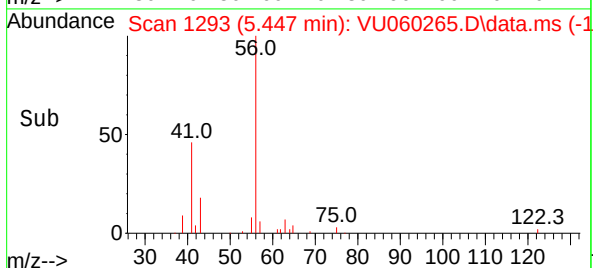
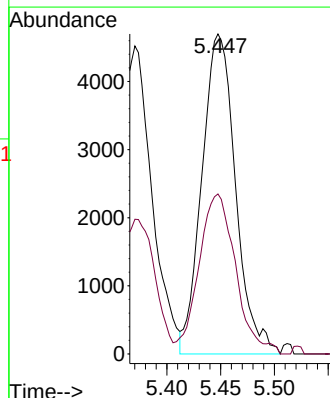
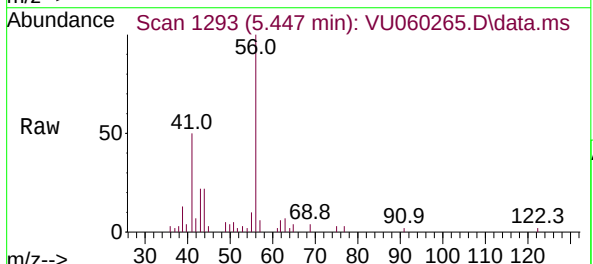
RT: 5.447 min Scan# 1293

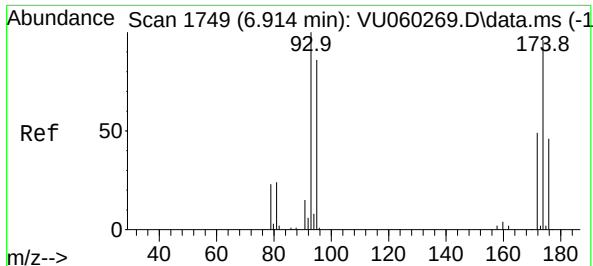
Delta R.T. 0.003 min

Lab File: VU060265.D

Acq: 30 Jul 2024 15:11

Tgt Ion:	56	Resp:	10222
Ion Ratio	Lower	Upper	
56	100		
41	54.5	24.5	73.5





#43

Dibromomethane

Concen: 0.489 ug/l

RT: 6.914 min Scan# 1

Delta R.T. -0.000 min

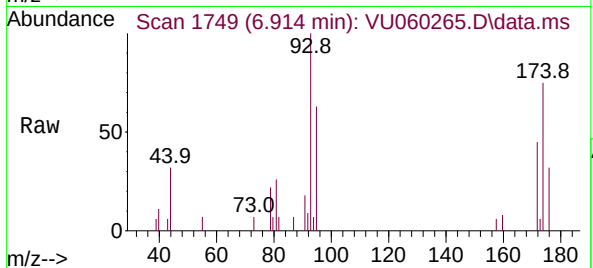
Lab File: VU060265.D

Acq: 30 Jul 2024 15:11

Instrument :

MSVOA_U

ClientSampleId :



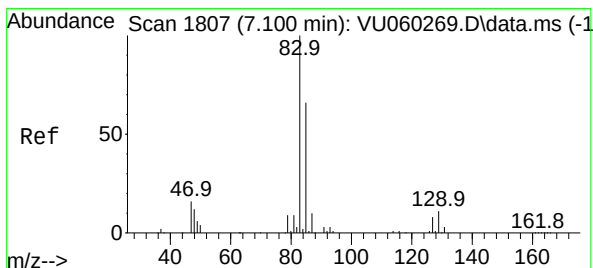
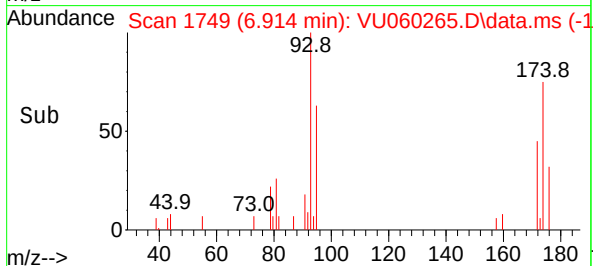
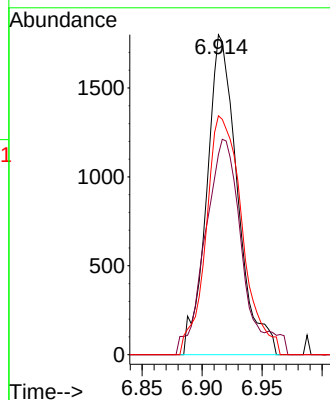
Tgt Ion: 93 Resp: 3191

Ion Ratio Lower Upper

93 100

95 80.6 68.0 102.0

174 88.2 74.7 112.1



#44

Bromodichloromethane

Concen: 0.452 ug/l

RT: 7.107 min Scan# 1809

Delta R.T. 0.006 min

Lab File: VU060265.D

Acq: 30 Jul 2024 15:11

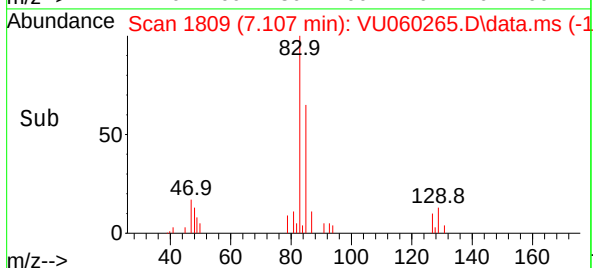
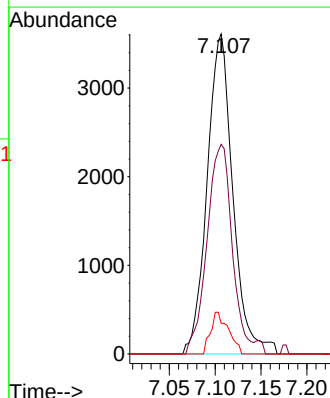
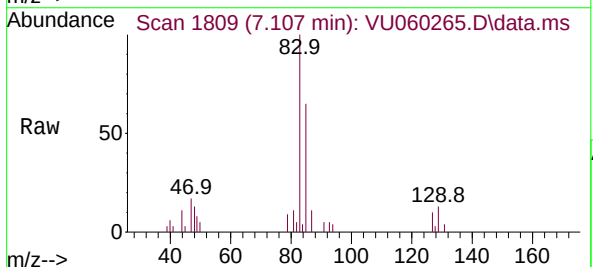
Tgt Ion: 83 Resp: 7049

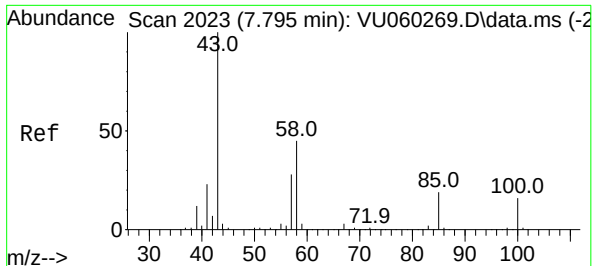
Ion Ratio Lower Upper

83 100

85 65.5 52.6 79.0

127 12.7 6.6 9.8#

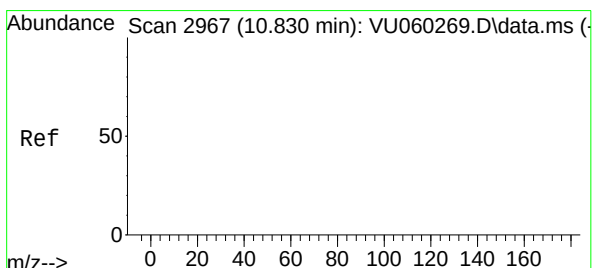
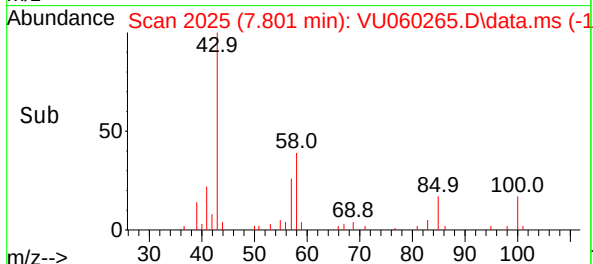
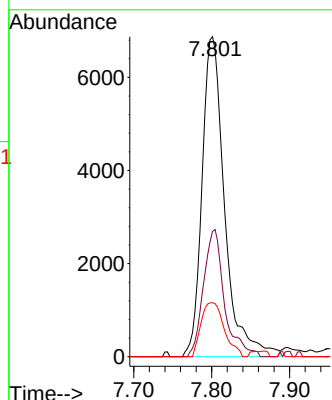
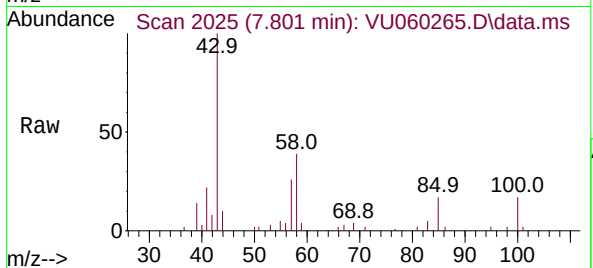




#45
4-Methyl-2-Pentanone
Concen: 2.110 ug/l
RT: 7.801 min Scan# 2023
Delta R.T. 0.006 min
Lab File: VU060265.D
Acq: 30 Jul 2024 15:11

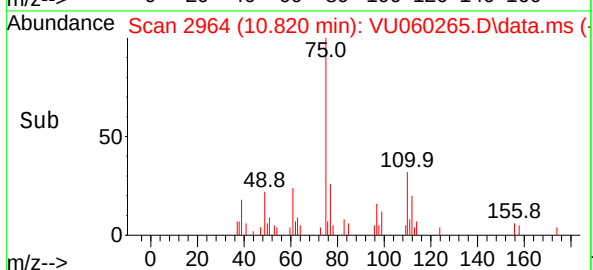
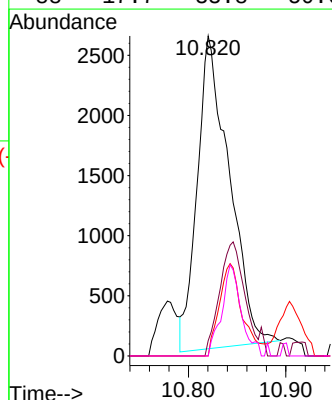
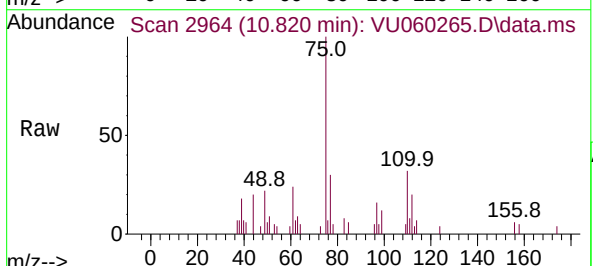
Instrument :
MSVOA_U
ClientSampleId :

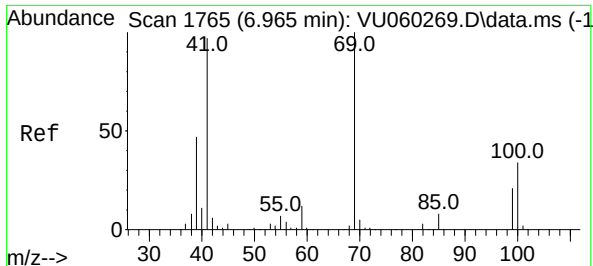
Tgt Ion: 43 Resp: 13849
Ion Ratio Lower Upper
43 100
58 36.8 22.1 66.5
85 17.2 15.4 23.0



#46
t-1,4-Dichloro-2-butene
Concen: 2.154 ug/l
RT: 10.820 min Scan# 2964
Delta R.T. -0.010 min
Lab File: VU060265.D
Acq: 30 Jul 2024 15:11

Tgt Ion: 75 Resp: 5919
Ion Ratio Lower Upper
75 100
53 29.6 66.4 99.6#
89 21.3 45.7 68.5#
88 17.7 33.8 50.6#





#47

Methyl methacrylate

Concen: 0.838 ug/l

RT: 6.975 min Scan# 1

Delta R.T. 0.009 min

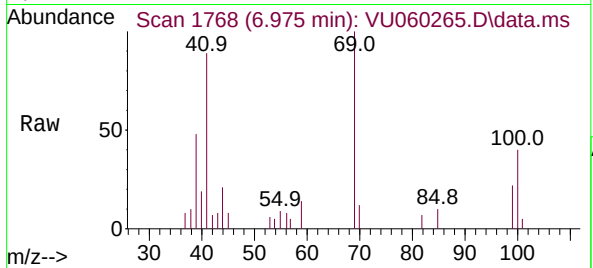
Lab File: VU060265.D

Acq: 30 Jul 2024 15:11

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 69 Resp: 4773

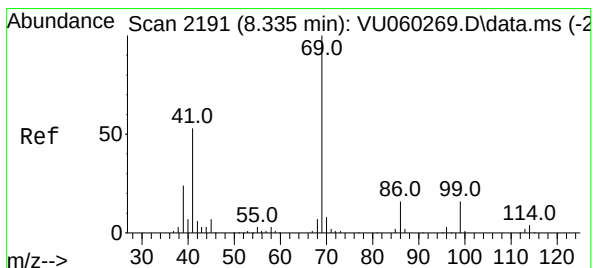
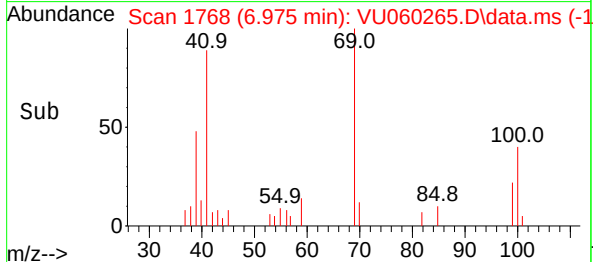
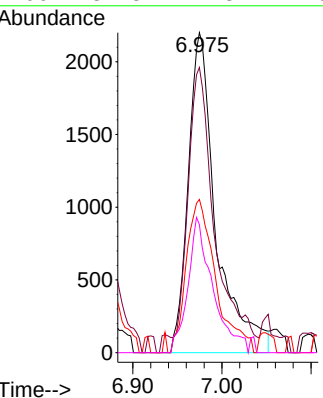
Ion Ratio Lower Upper

69 100

41 77.1 0.0 192.4

39 50.7 37.8 56.6

100 37.8 27.8 41.6



#48

Ethyl methacrylate

Concen: 0.615 ug/l

RT: 8.338 min Scan# 2192

Delta R.T. 0.003 min

Lab File: VU060265.D

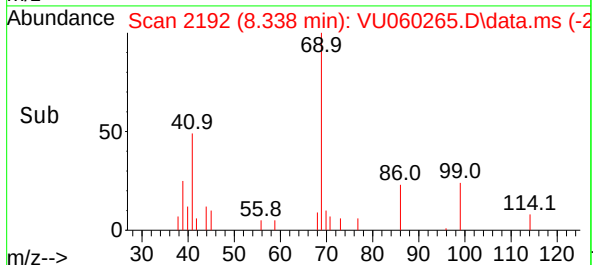
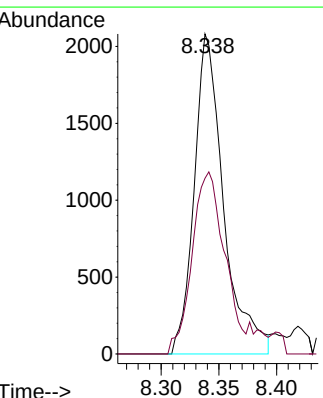
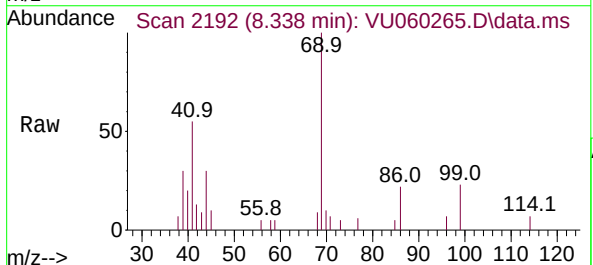
Acq: 30 Jul 2024 15:11

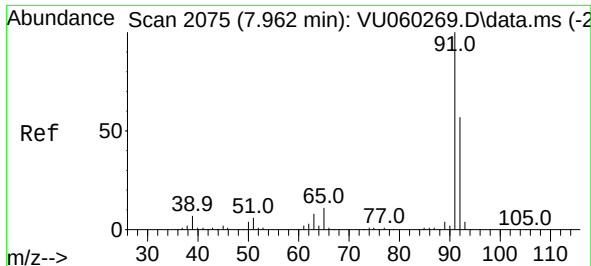
Tgt Ion: 69 Resp: 3688

Ion Ratio Lower Upper

69 100

41 63.1 27.8 83.4





#49

Toluene

Concen: 0.403 ug/l

RT: 7.968 min Scan# 2075

Delta R.T. 0.006 min

Lab File: VU060265.D

Acq: 30 Jul 2024 15:11

Instrument :

MSVOA_U

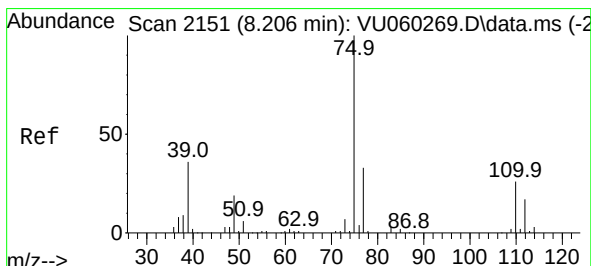
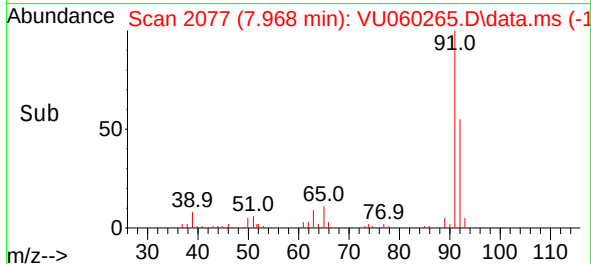
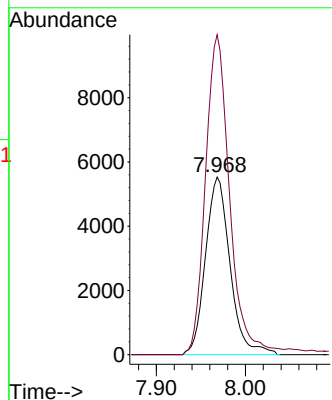
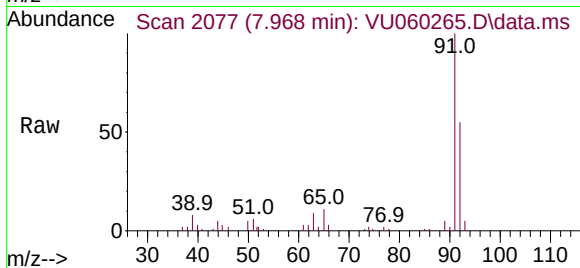
ClientSampleId :

Tgt Ion: 92 Resp: 10587

Ion Ratio Lower Upper

92 100

91 176.9 143.0 214.6



#50

t-1,3-Dichloropropene

Concen: 0.423 ug/l

RT: 8.213 min Scan# 2153

Delta R.T. 0.006 min

Lab File: VU060265.D

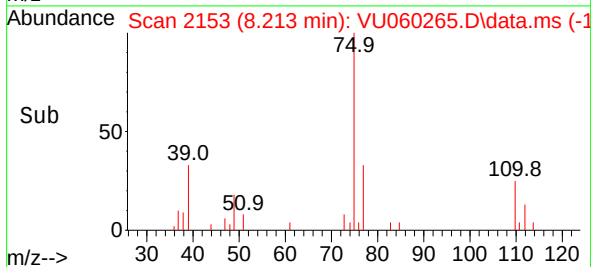
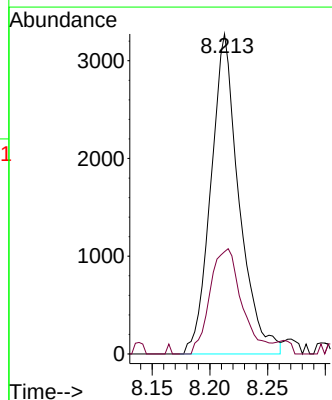
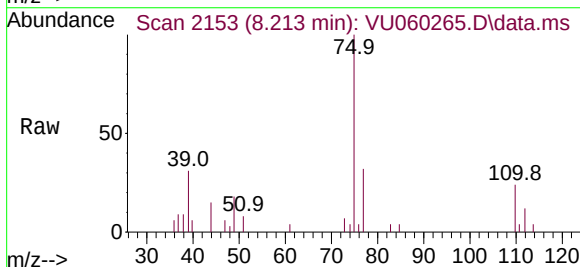
Acq: 30 Jul 2024 15:11

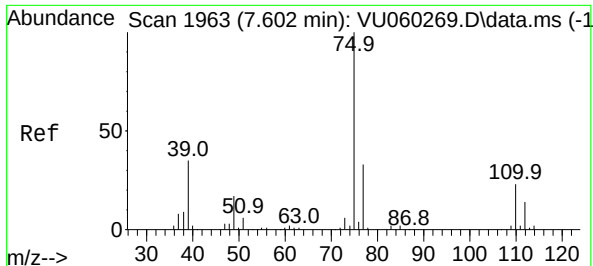
Tgt Ion: 75 Resp: 5560

Ion Ratio Lower Upper

75 100

77 31.9 26.1 39.1

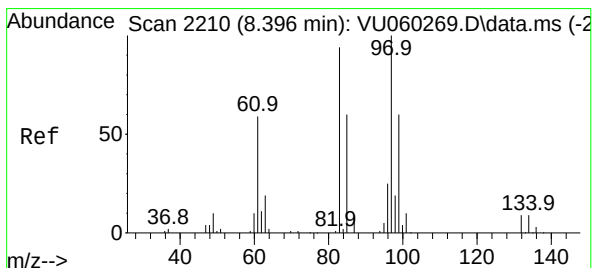
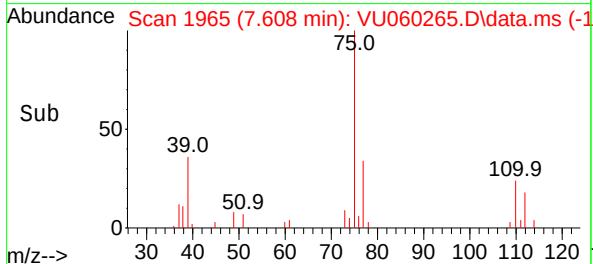
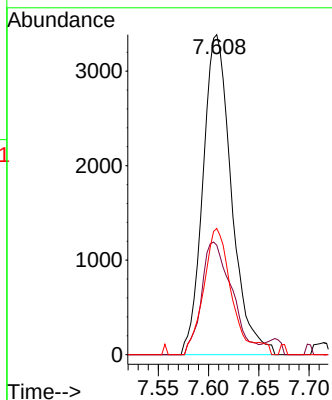
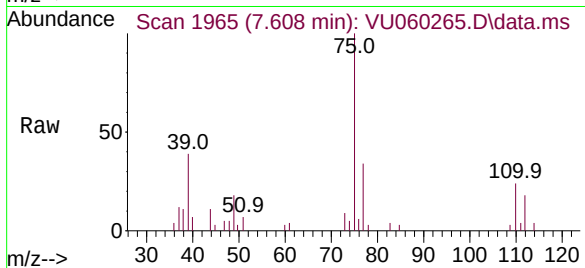




#51
 cis-1,3-Dichloropropene
 Concen: 0.427 ug/l
 RT: 7.608 min Scan# 1965
 Delta R.T. 0.006 min
 Lab File: VU060265.D
 Acq: 30 Jul 2024 15:11

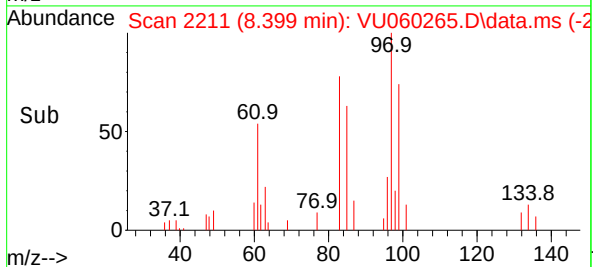
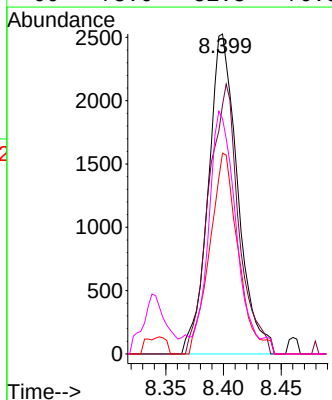
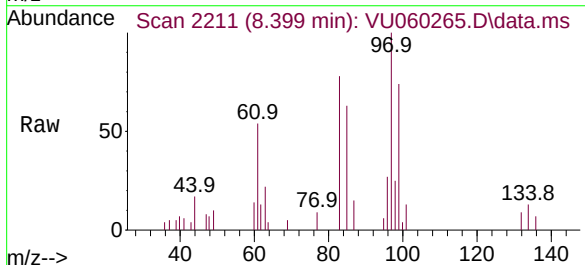
Instrument :
 MSVOA_U
 ClientSampleId :

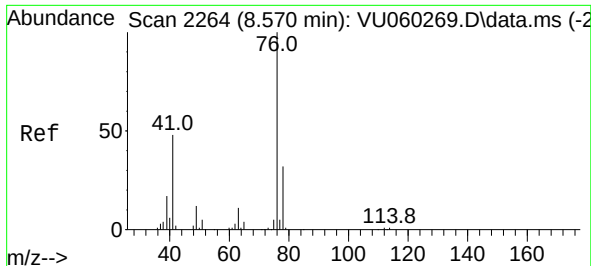
Tgt Ion: 75 Resp: 6687
 Ion Ratio Lower Upper
 75 100
 77 34.2 26.2 39.2
 39 39.4 27.9 41.9



#52
 1,1,2-Trichloroethane
 Concen: 0.476 ug/l
 RT: 8.399 min Scan# 2211
 Delta R.T. 0.003 min
 Lab File: VU060265.D
 Acq: 30 Jul 2024 15:11

Tgt Ion: 97 Resp: 4485
 Ion Ratio Lower Upper
 97 100
 83 77.8 75.5 113.3
 85 62.8 48.2 72.4
 99 73.6 51.3 76.9





#53

1,3-Dichloropropane

Concen: 0.438 ug/l

RT: 8.576 min Scan# 2264

Delta R.T. 0.006 min

Lab File: VU060265.D

Acq: 30 Jul 2024 15:11

Instrument :

MSVOA_U

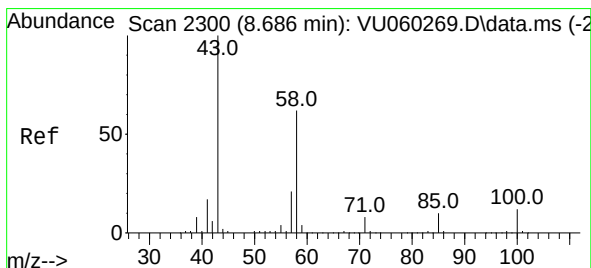
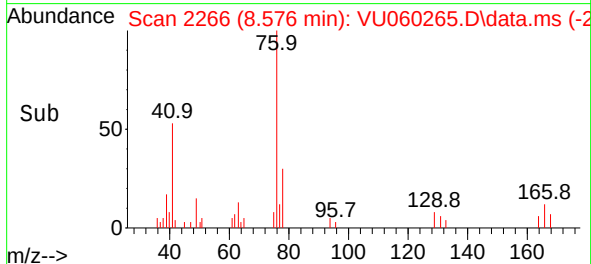
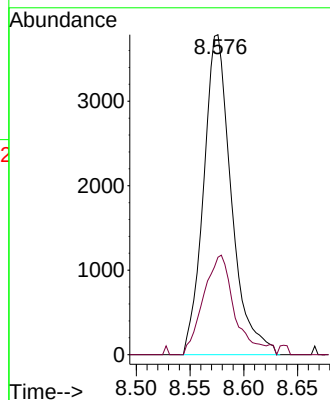
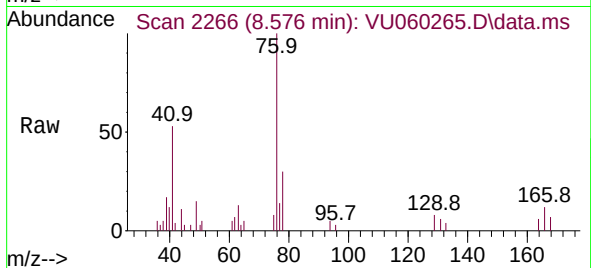
ClientSampleId :

Tgt Ion: 76 Resp: 6792

Ion Ratio Lower Upper

76 100

78 35.2 25.8 38.6



#54

2-Hexanone

Concen: 2.157 ug/l

RT: 8.692 min Scan# 2302

Delta R.T. 0.006 min

Lab File: VU060265.D

Acq: 30 Jul 2024 15:11

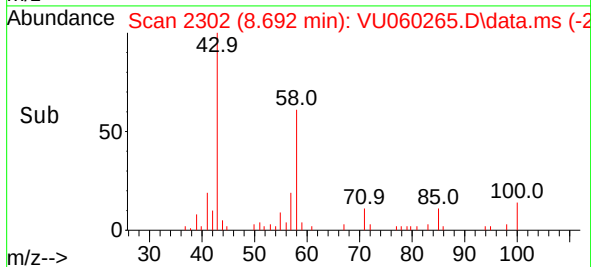
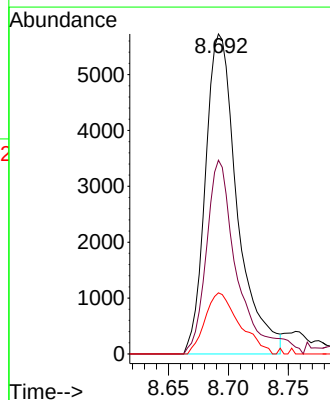
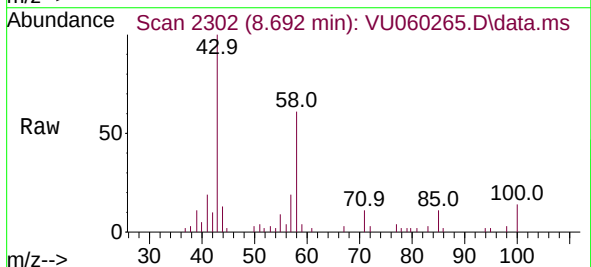
Tgt Ion: 43 Resp: 10565

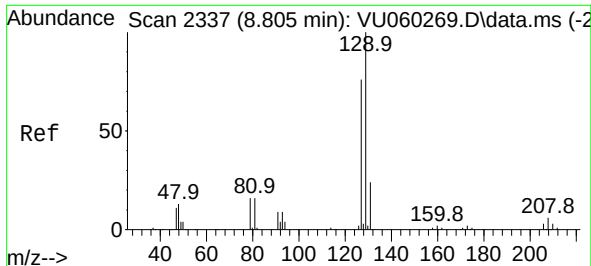
Ion Ratio Lower Upper

43 100

58 58.3 41.1 81.1

57 20.5 0.3 40.3





#55

Dibromochloromethane

Concen: 0.456 ug/l

RT: 8.807 min Scan# 2337

Delta R.T. 0.003 min

Lab File: VU060265.D

Acq: 30 Jul 2024 15:11

Instrument :

MSVOA_U

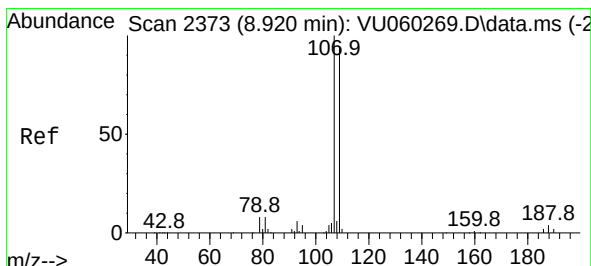
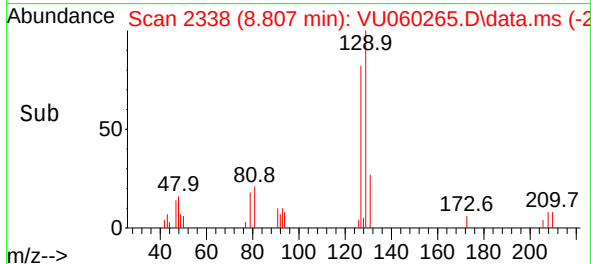
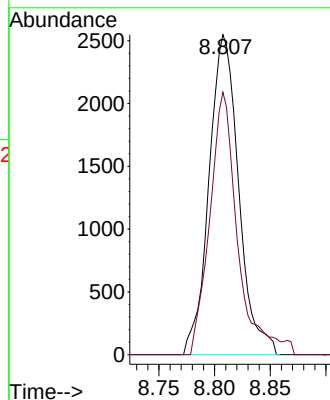
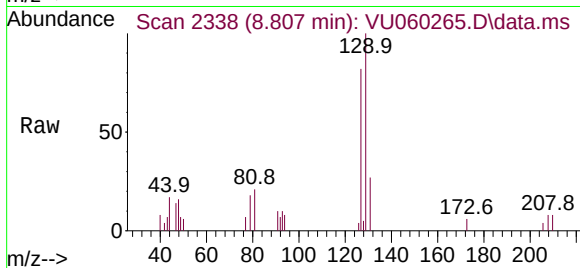
ClientSampleId :

Tgt Ion:129 Resp: 4721

Ion Ratio Lower Upper

129 100

127 77.0 61.7 92.5



#56

1,2-Dibromoethane

Concen: 0.435 ug/l

RT: 8.923 min Scan# 2374

Delta R.T. 0.003 min

Lab File: VU060265.D

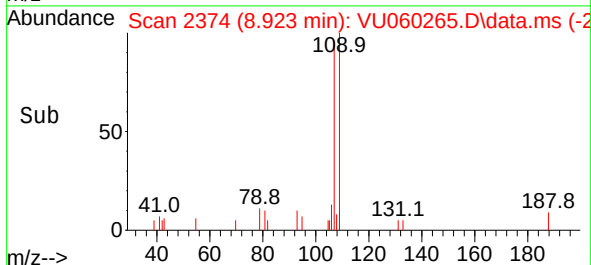
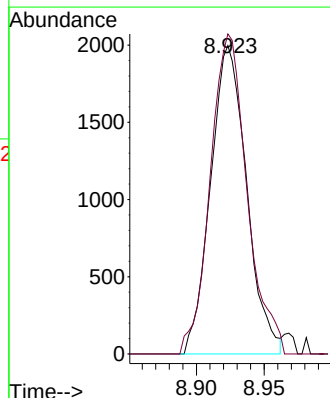
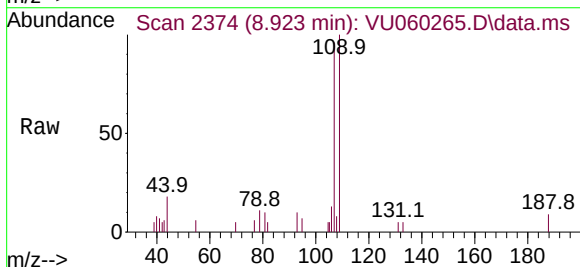
Acq: 30 Jul 2024 15:11

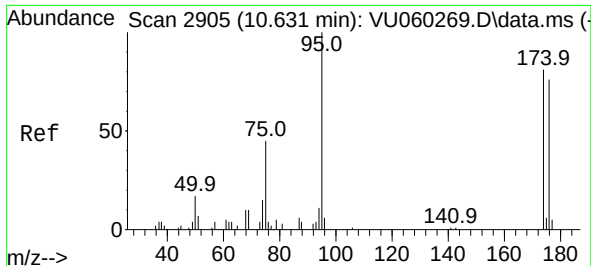
Tgt Ion:107 Resp: 3695

Ion Ratio Lower Upper

107 100

109 105.7 0.0 186.8





#57

4-Bromofluorobenzene

Concen: 0.897 ug/l

RT: 10.630 min Scan# 2905

Delta R.T. -0.000 min

Lab File: VU060265.D

Acq: 30 Jul 2024 15:11

Instrument :

MSVOA_U

ClientSampleId :

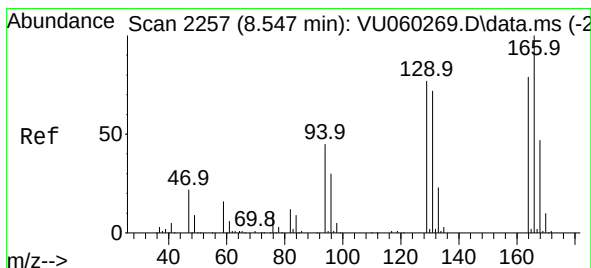
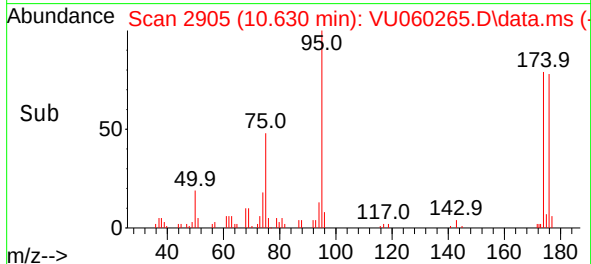
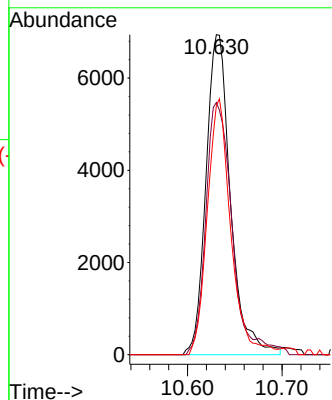
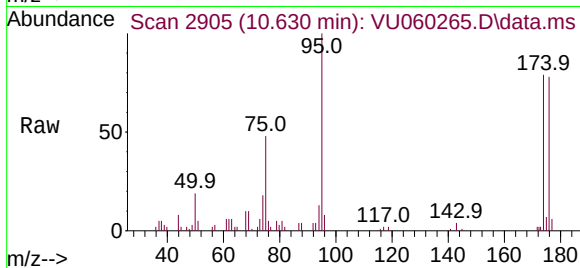
Tgt Ion: 95 Resp: 12518

Ion Ratio Lower Upper

95 100

174 84.6 62.2 93.4

176 76.6 59.4 89.2



#58

Tetrachloroethene

Concen: 0.448 ug/l

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

Lab File: VU060265.D

Acq: 30 Jul 2024 15:11

Tgt Ion: 164 Resp: 4959

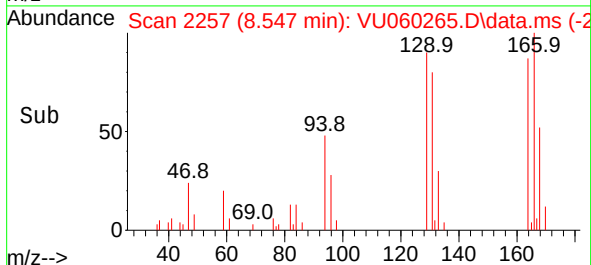
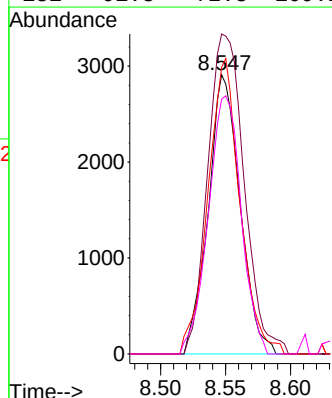
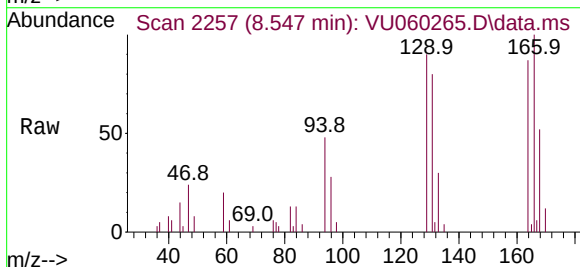
Ion Ratio Lower Upper

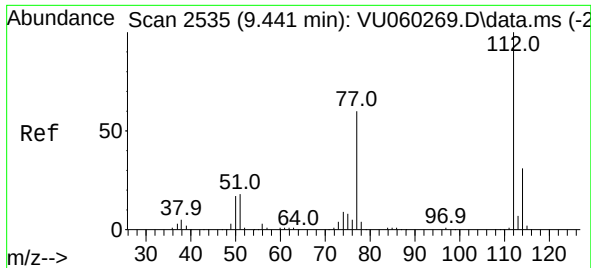
164 100

166 114.6 101.0 151.6

129 102.7 78.0 117.0

131 91.3 72.8 109.2





#59

Chlorobenzene

Concen: 0.432 ug/l

RT: 9.444 min Scan# 2535

Delta R.T. 0.003 min

Lab File: VU060265.D

Acq: 30 Jul 2024 15:11

Instrument :

MSVOA_U

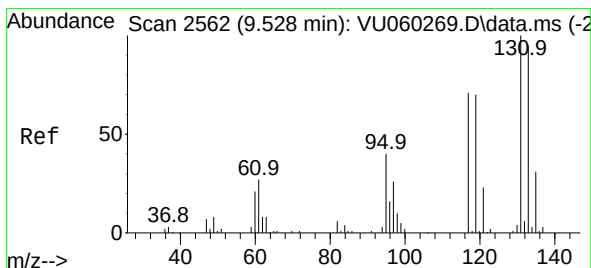
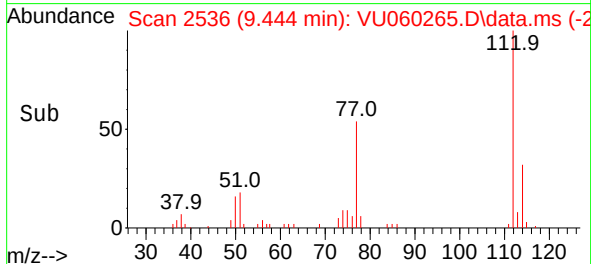
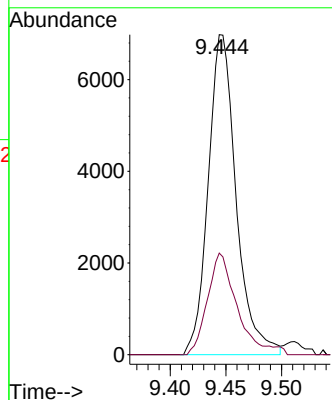
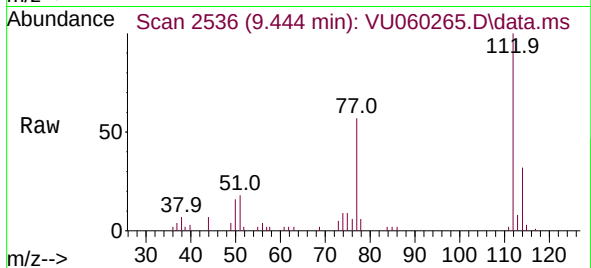
ClientSampleId :

Tgt Ion:112 Resp: 12184

Ion Ratio Lower Upper

112 100

114 31.8 24.5 36.7



#60

1,1,1,2-Tetrachloroethane

Concen: 0.456 ug/l

RT: 9.531 min Scan# 2563

Delta R.T. 0.003 min

Lab File: VU060265.D

Acq: 30 Jul 2024 15:11

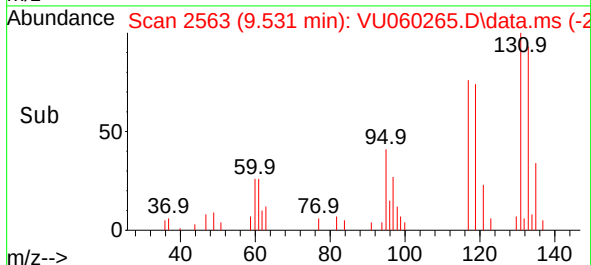
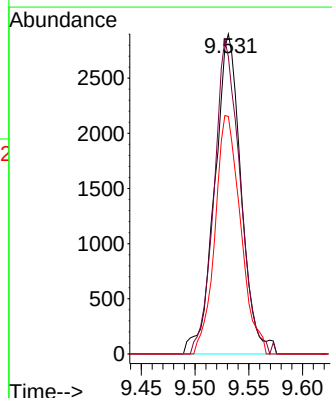
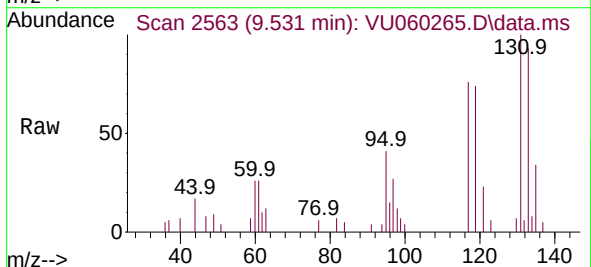
Tgt Ion:131 Resp: 4948

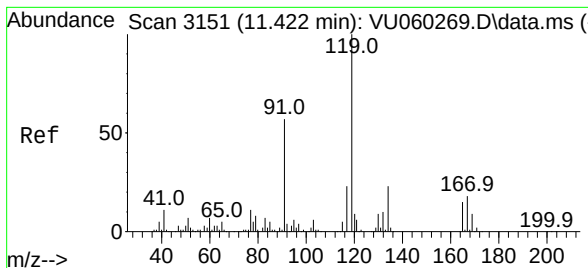
Ion Ratio Lower Upper

131 100

133 96.6 76.6 114.8

119 72.3 55.4 83.0





#61

Pentachloroethane

Concen: 0.462 ug/l

RT: 11.421 min Scan# 3151

Delta R.T. -0.000 min

Lab File: VU060265.D

Acq: 30 Jul 2024 15:11

Instrument :

MSVOA_U

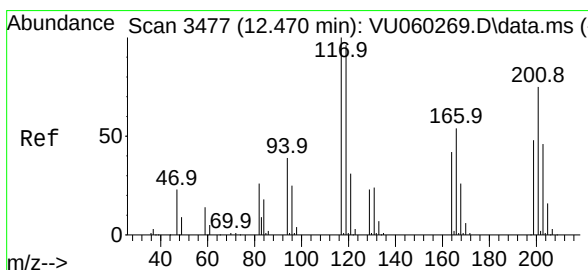
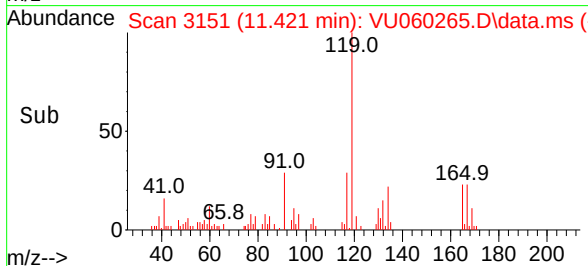
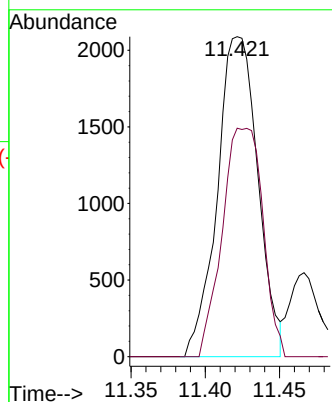
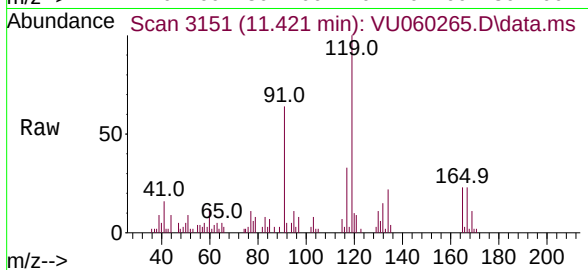
ClientSampleId :

Tgt Ion:117 Resp: 3974

Ion Ratio Lower Upper

117 100

167 71.1 61.6 92.4



#62

Hexachloroethane

Concen: 0.456 ug/l

RT: 12.470 min Scan# 3477

Delta R.T. -0.000 min

Lab File: VU060265.D

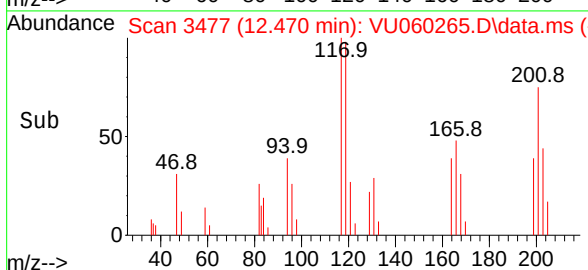
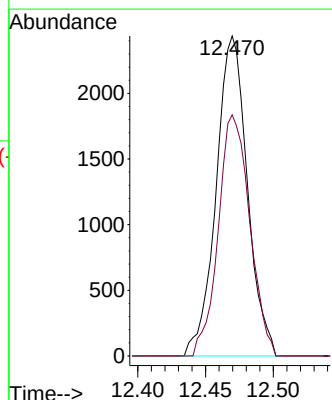
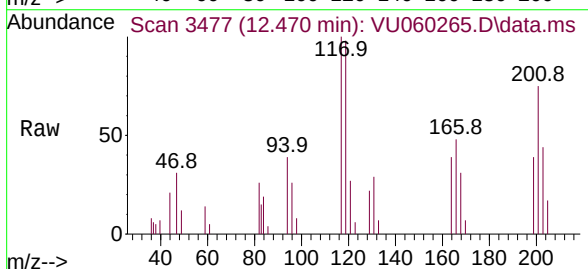
Acq: 30 Jul 2024 15:11

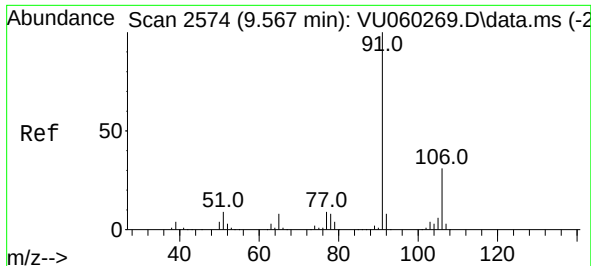
Tgt Ion:117 Resp: 3902

Ion Ratio Lower Upper

117 100

201 75.9 60.0 90.0





#63

Ethyl Benzene

Concen: 0.629 ug/l

RT: 9.569 min Scan# 2575

Delta R.T. 0.003 min

Lab File: VU060265.D

Acq: 30 Jul 2024 15:11

Instrument :

MSVOA_U

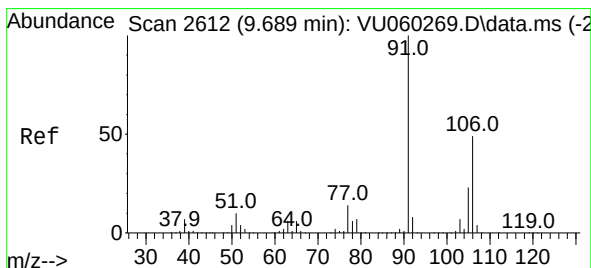
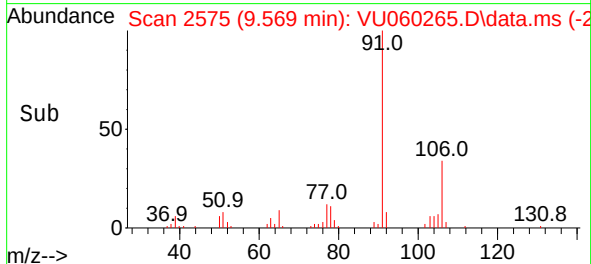
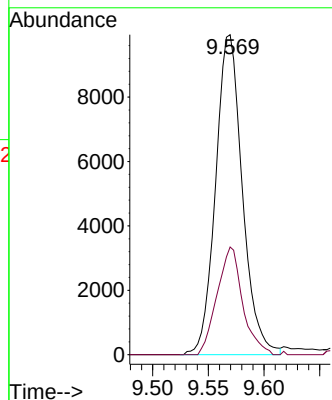
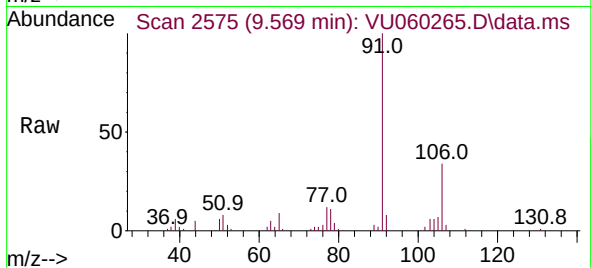
ClientSampleId :

Tgt Ion: 91 Resp: 16615

Ion Ratio Lower Upper

91 100

106 33.7 24.5 36.7



#64

m/p-Xylenes

Concen: 1.327 ug/l

RT: 9.692 min Scan# 2613

Delta R.T. 0.003 min

Lab File: VU060265.D

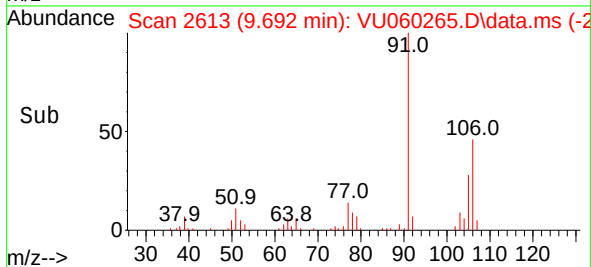
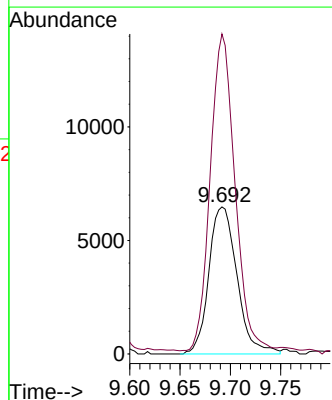
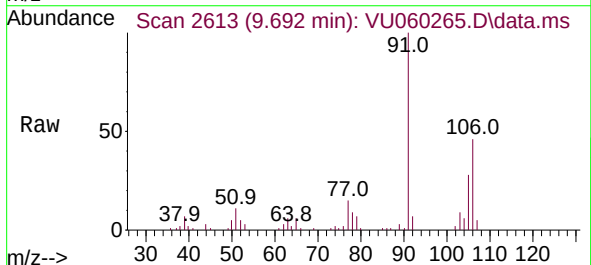
Acq: 30 Jul 2024 15:11

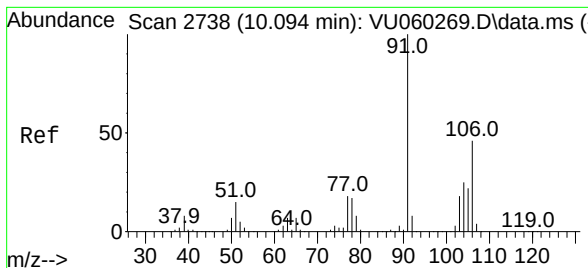
Tgt Ion: 106 Resp: 12622

Ion Ratio Lower Upper

106 100

91 188.2 164.2 246.4

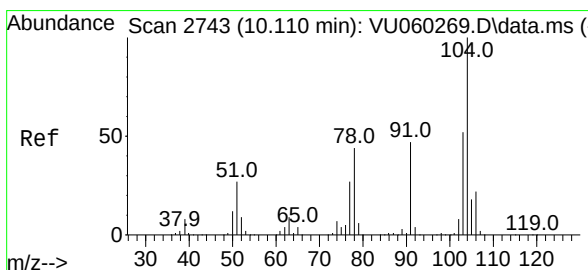
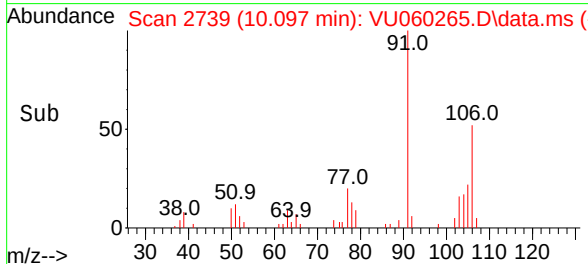
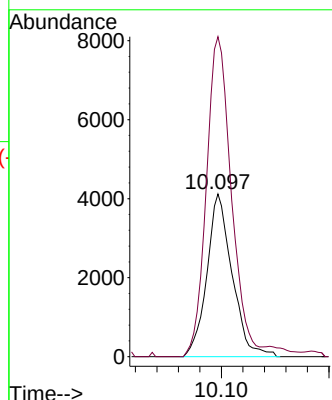
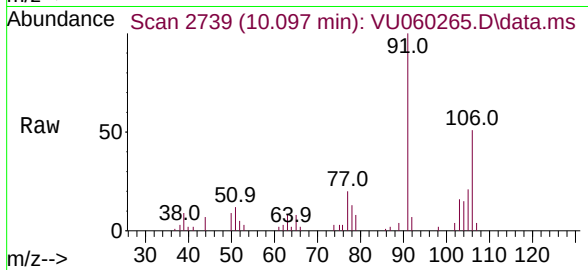




#65
o-Xylene
Concen: 0.636 ug/l
RT: 10.097 min Scan# 2738
Delta R.T. 0.003 min
Lab File: VU060265.D
Acq: 30 Jul 2024 15:11

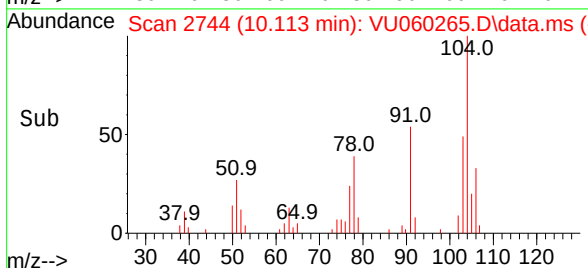
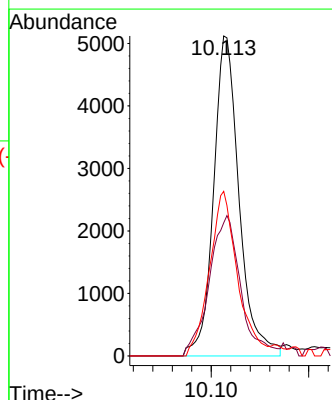
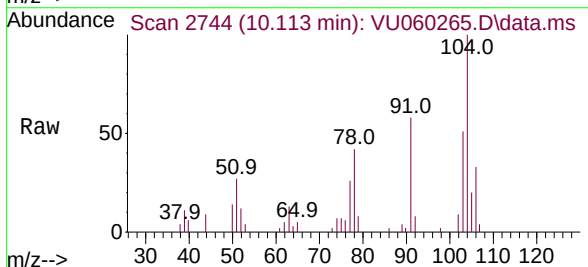
Instrument :
MSVOA_U
ClientSampleId :

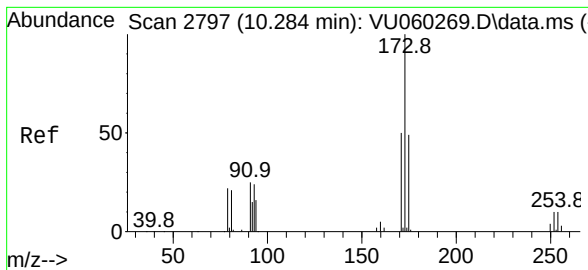
Tgt Ion:106 Resp: 6697
Ion Ratio Lower Upper
106 100
91 195.0 109.4 328.2



#66
Styrene
Concen: 0.657 ug/l
RT: 10.113 min Scan# 2744
Delta R.T. 0.003 min
Lab File: VU060265.D
Acq: 30 Jul 2024 15:11

Tgt Ion:104 Resp: 9321
Ion Ratio Lower Upper
104 100
78 53.6 39.1 58.7
103 56.2 44.8 67.2





#67

Bromoform

Concen: 0.476 ug/l

RT: 10.290 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU060265.D

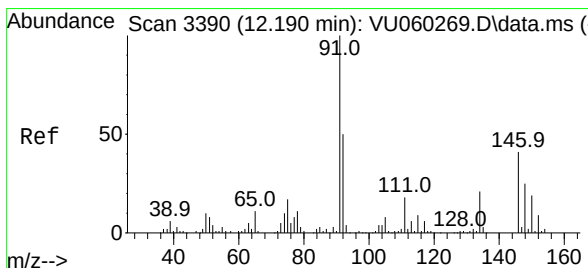
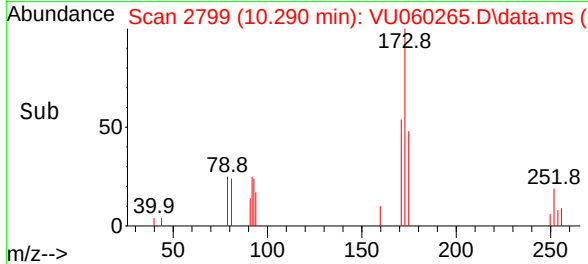
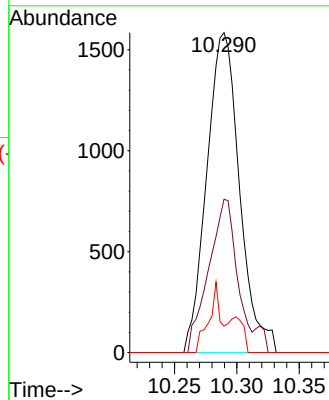
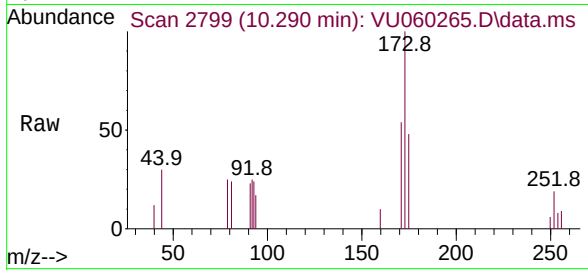
Acq: 30 Jul 2024 15:11

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:173	Resp:	2901
Ion Ratio	Lower	Upper
173	100	
175	41.5	39.4 59.0
254	7.8	8.4 12.6#



#68

1,2-Dichlorobenzene-d4

Concen: 0.887 ug/l

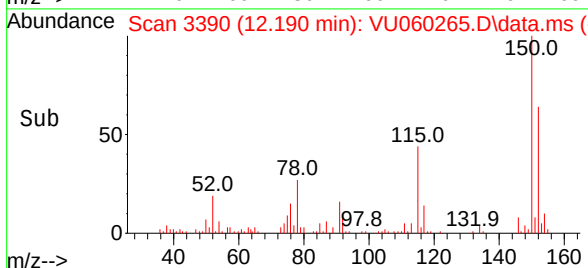
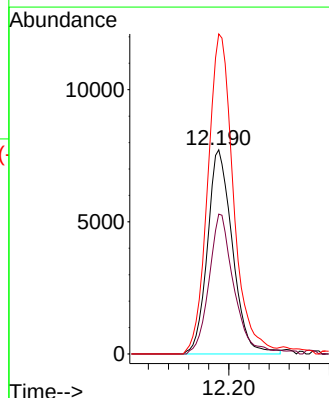
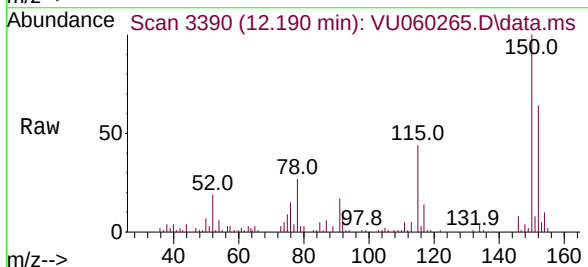
RT: 12.190 min Scan# 3390

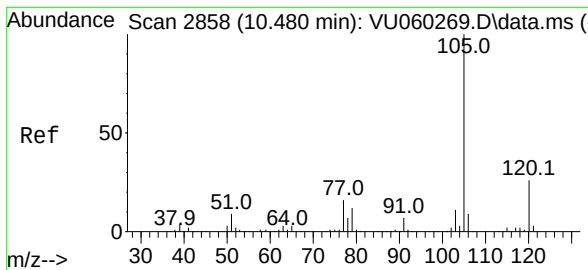
Delta R.T. -0.000 min

Lab File: VU060265.D

Acq: 30 Jul 2024 15:11

Tgt Ion:152	Resp:	13297
Ion Ratio	Lower	Upper
152	100	
115	67.8	0.0 305.0
150	161.5	0.0 671.8





#69

Isopropylbenzene

Concen: 0.598 ug/l

RT: 10.483 min Scan# 2858

Delta R.T. 0.003 min

Lab File: VU060265.D

Acq: 30 Jul 2024 15:11

Instrument :

MSVOA_U

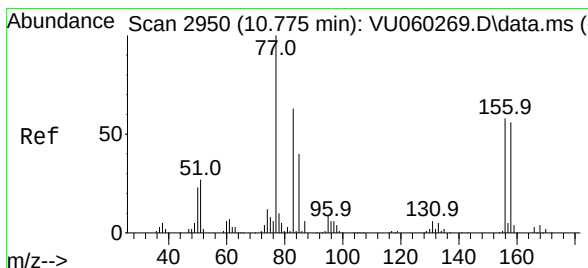
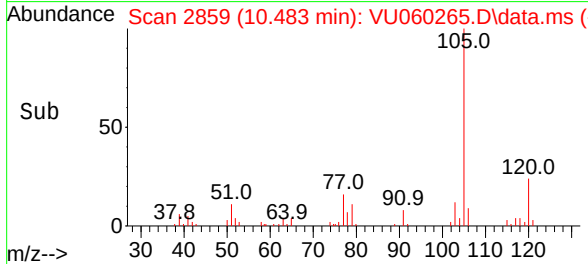
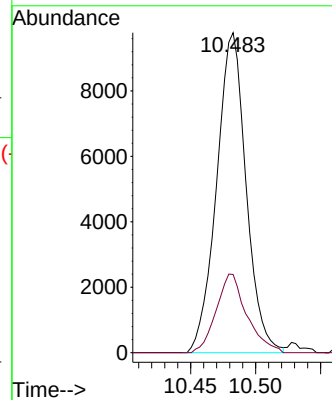
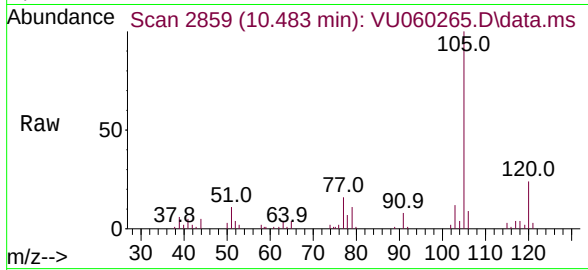
ClientSampleId :

Tgt Ion:105 Resp: 15435

Ion Ratio Lower Upper

105 100

120 25.4 13.1 39.1



#70

1,1,2,2-Tetrachloroethane

Concen: 0.443 ug/l

RT: 10.778 min Scan# 2951

Delta R.T. 0.003 min

Lab File: VU060265.D

Acq: 30 Jul 2024 15:11

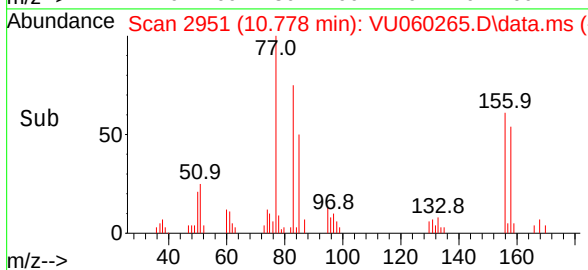
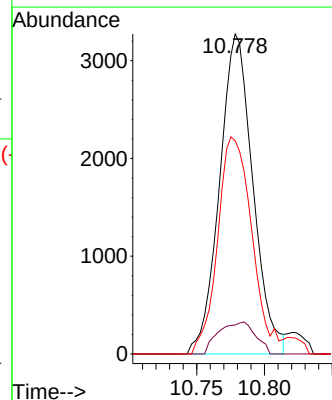
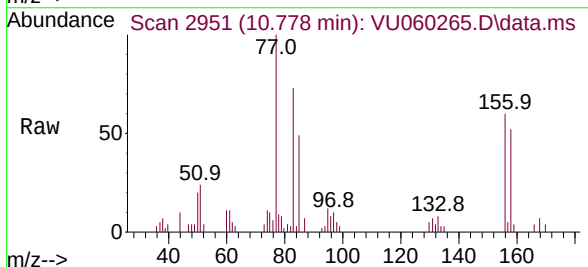
Tgt Ion: 83 Resp: 5591

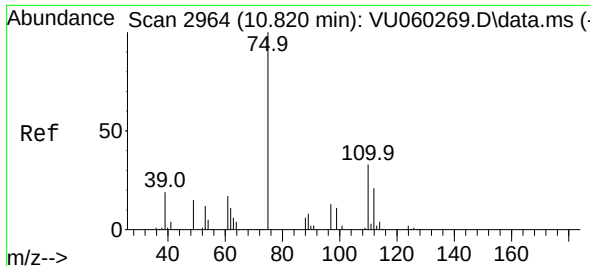
Ion Ratio Lower Upper

83 100

131 11.0 7.0 10.6#

85 69.8 50.3 75.5

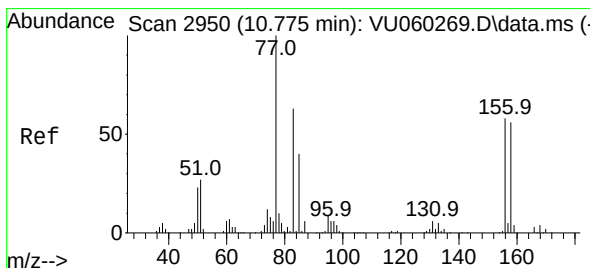
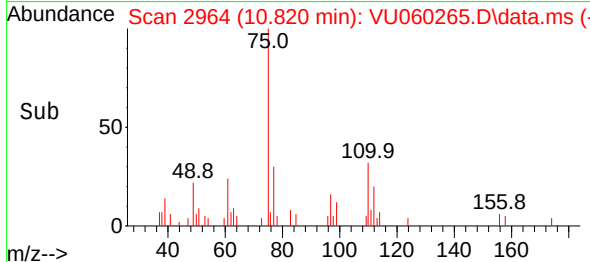
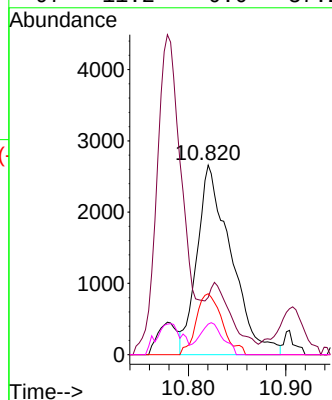
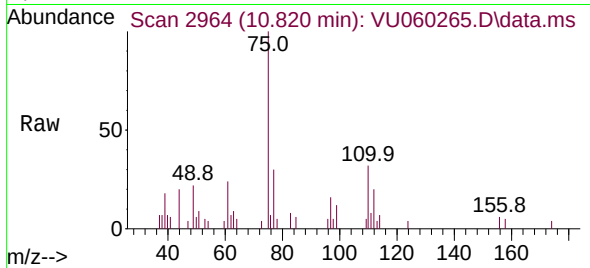




#71
1,2,3-Trichloropropane
Concen: 0.702 ug/l
RT: 10.820 min Scan# 2964
Delta R.T. -0.000 min
Lab File: VU060265.D
Acq: 30 Jul 2024 15:11

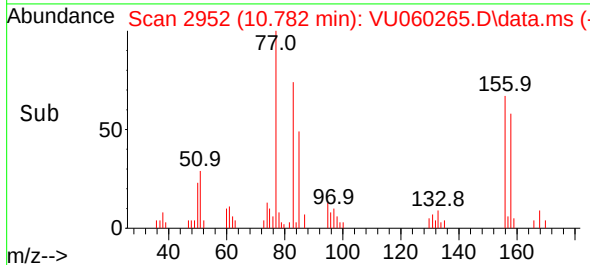
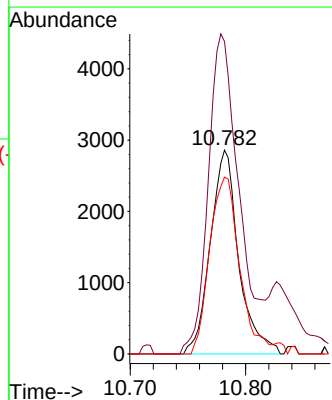
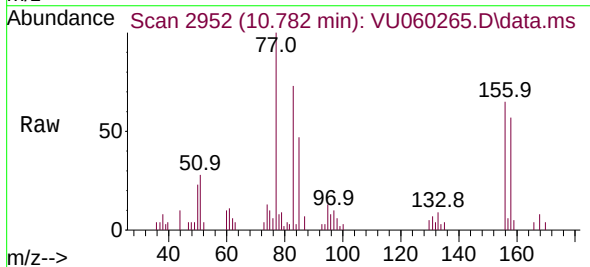
Instrument :
MSVOA_U
ClientSampleId :

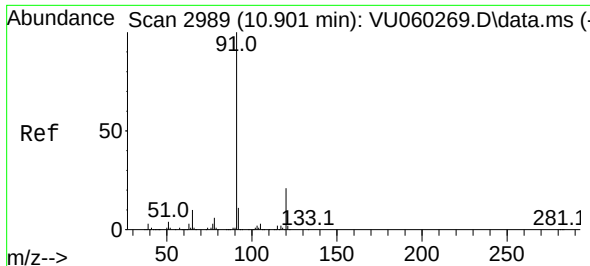
Tgt Ion: 75	Resp: 6416
Ion Ratio	Lower Upper
75 100	
77 27.3	0.0 96.0
110 24.7	0.0 65.4
97 11.2	0.0 37.2



#72
Bromobenzene
Concen: 0.426 ug/l
RT: 10.782 min Scan# 2952
Delta R.T. 0.006 min
Lab File: VU060265.D
Acq: 30 Jul 2024 15:11

Tgt	Ion:156	Resp:	4876
Ion	Ratio	Lower	Upper
156	100		
77	171.4	0.0	344.0
158	91.7	0.0	196.0

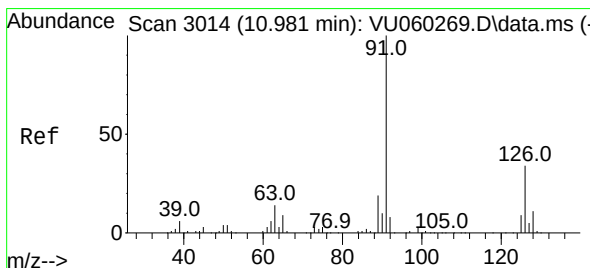
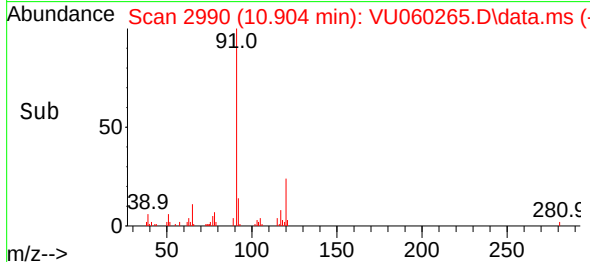
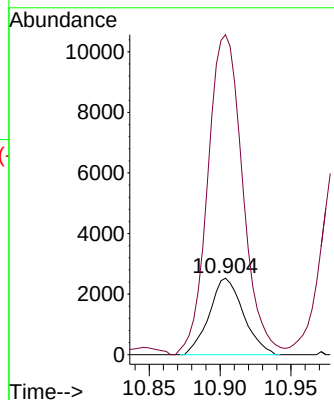
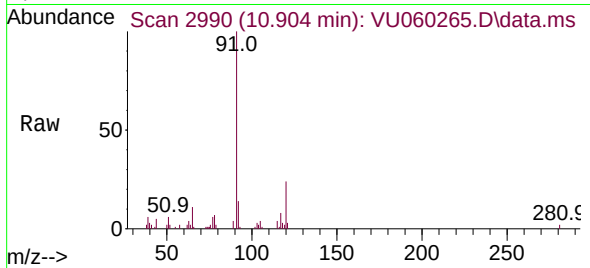




#73
n-propylbenzene
Concen: 0.625 ug/l
RT: 10.904 min Scan# 2989
Delta R.T. 0.003 min
Lab File: VU060265.D
Acq: 30 Jul 2024 15:11

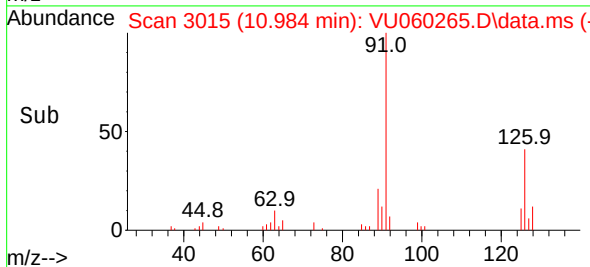
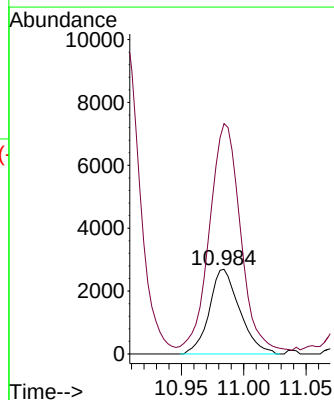
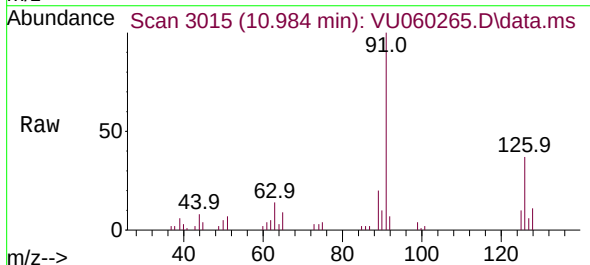
Instrument :
MSVOA_U
ClientSampleId :

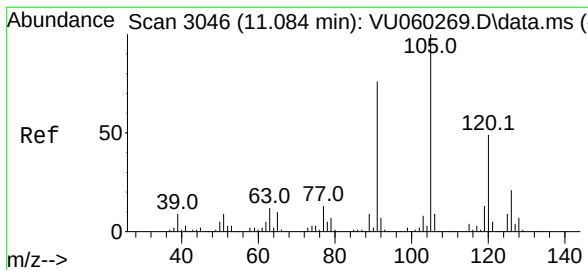
Tgt Ion:120 Resp: 4228
Ion Ratio Lower Upper
120 100
91 427.9 370.7 556.1



#74
2-Chlorotoluene
Concen: 0.399 ug/l
RT: 10.984 min Scan# 3015
Delta R.T. 0.003 min
Lab File: VU060265.D
Acq: 30 Jul 2024 15:11

Tgt Ion:126 Resp: 4563
Ion Ratio Lower Upper
126 100
91 270.2 0.0 613.0

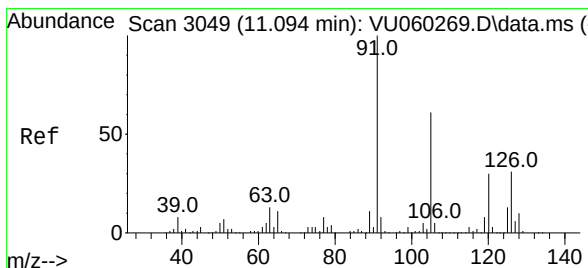
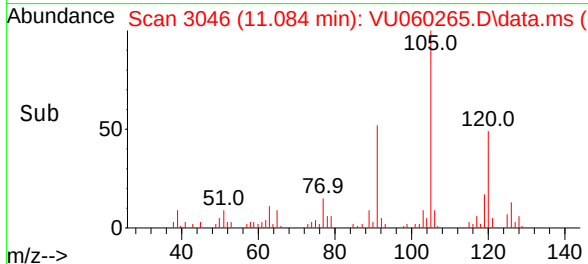
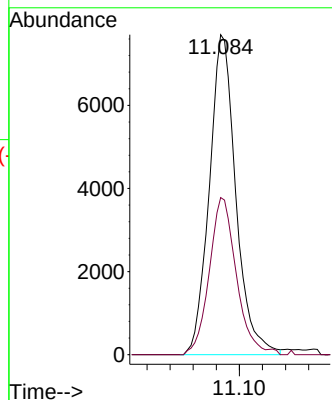
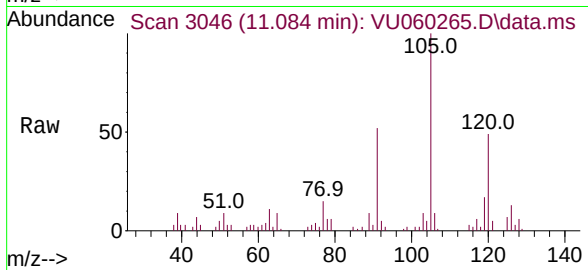




#75
1,3,5-Trimethylbenzene
Concen: 0.635 ug/l
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU060265.D
Acq: 30 Jul 2024 15:11

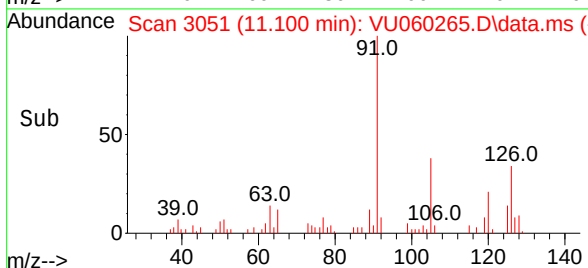
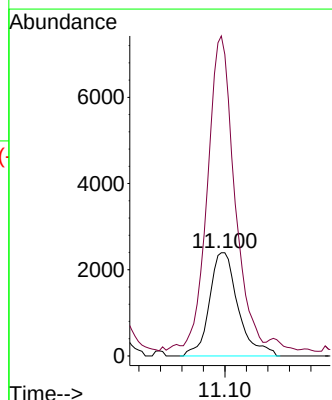
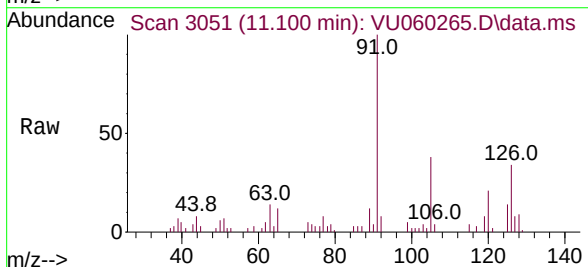
Instrument :
MSVOA_U
ClientSampleId :

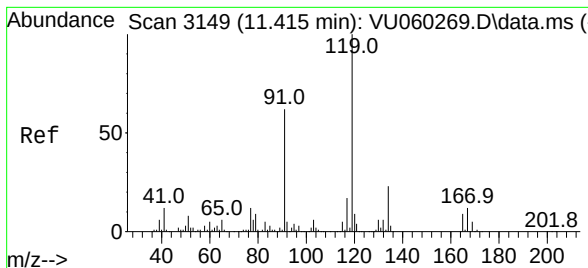
Tgt Ion:105 Resp: 12283
Ion Ratio Lower Upper
105 100
120 50.2 38.5 57.7



#76
4-Chlorotoluene
Concen: 0.655 ug/l
RT: 11.100 min Scan# 3051
Delta R.T. 0.006 min
Lab File: VU060265.D
Acq: 30 Jul 2024 15:11

Tgt Ion:126 Resp: 4428
Ion Ratio Lower Upper
126 100
91 291.6 0.0 679.4





#77

tert-Butylbenzene

Concen: 0.550 ug/l

RT: 11.415 min Scan# 3149

Delta R.T. -0.000 min

Lab File: VU060265.D

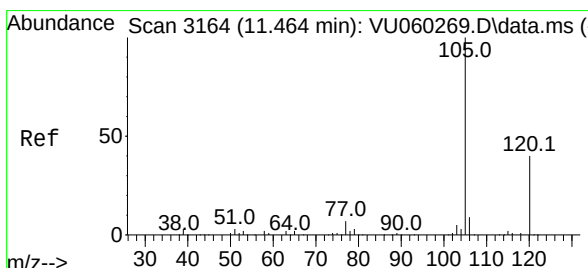
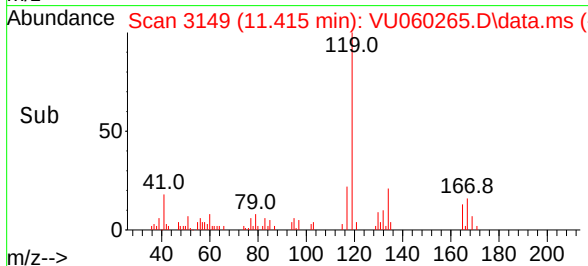
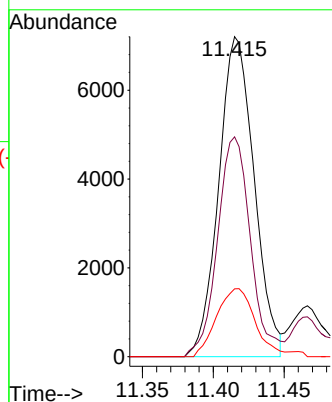
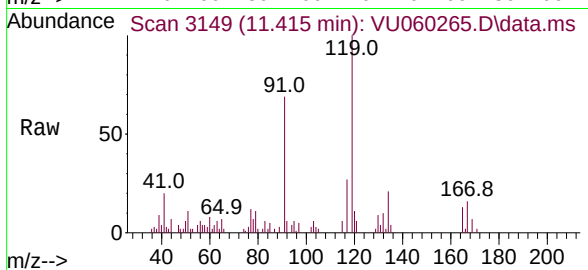
Acq: 30 Jul 2024 15:11

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	119	Resp:	12556
Ion Ratio	Lower	Upper	
119	100		
91	64.3	30.1	90.3
134	23.1	18.5	27.7



#78

1,2,4-Trimethylbenzene

Concen: 0.642 ug/l

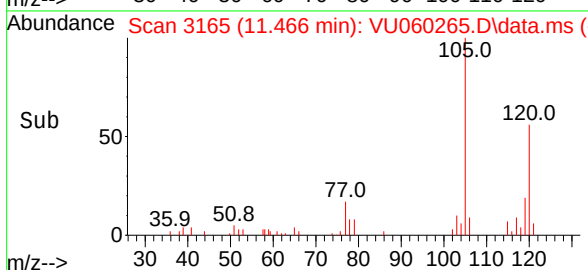
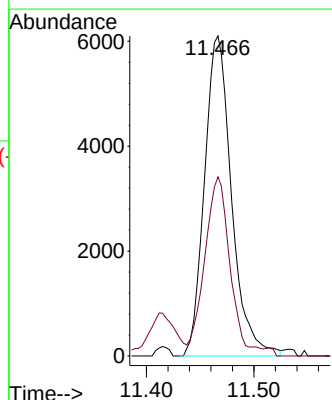
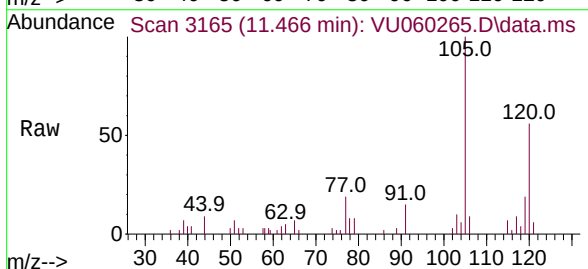
RT: 11.466 min Scan# 3165

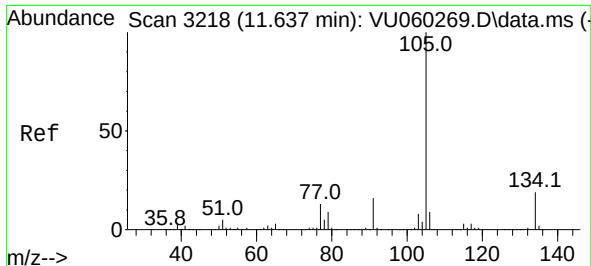
Delta R.T. 0.003 min

Lab File: VU060265.D

Acq: 30 Jul 2024 15:11

Tgt Ion:	105	Resp:	10653
Ion Ratio	Lower	Upper	
105	100		
120	48.6	22.6	67.7





#79

sec-Butylbenzene

Concen: 0.588 ug/l

RT: 11.640 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU060265.D

Acq: 30 Jul 2024 15:11

Instrument :

MSVOA_U

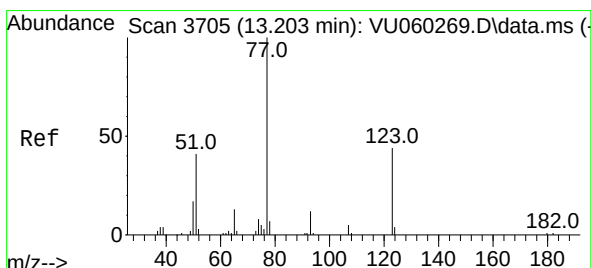
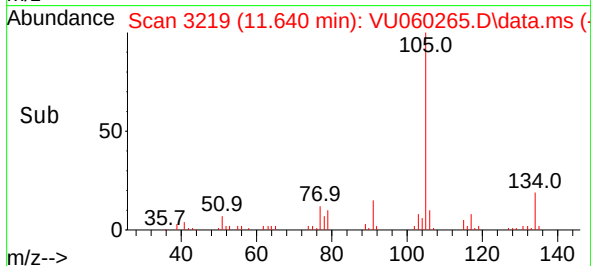
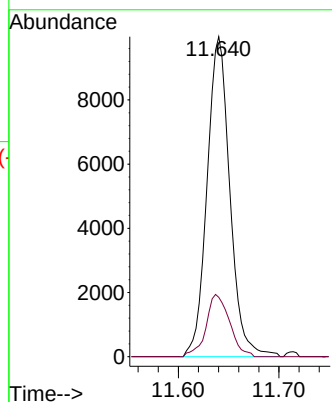
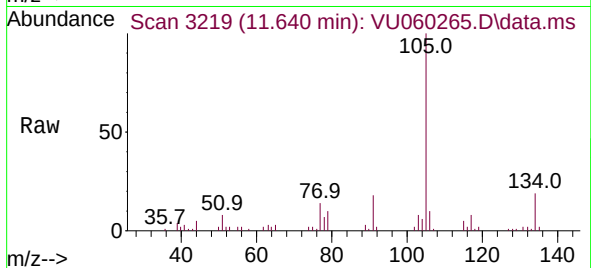
ClientSampleId :

Tgt Ion:105 Resp: 15714

Ion Ratio Lower Upper

105 100

134 20.0 15.1 22.7



#80

Nitrobenzene

Concen: 0.989 ug/l

RT: 13.222 min Scan# 3711

Delta R.T. 0.019 min

Lab File: VU060265.D

Acq: 30 Jul 2024 15:11

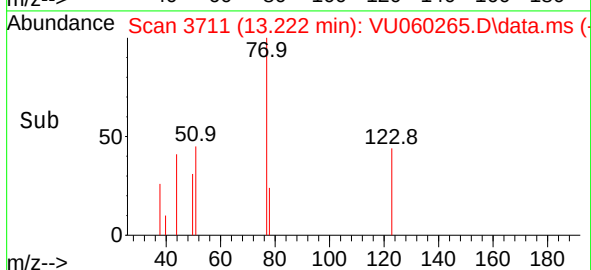
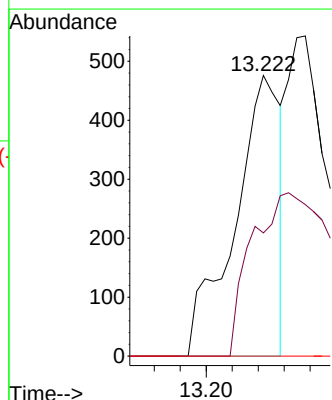
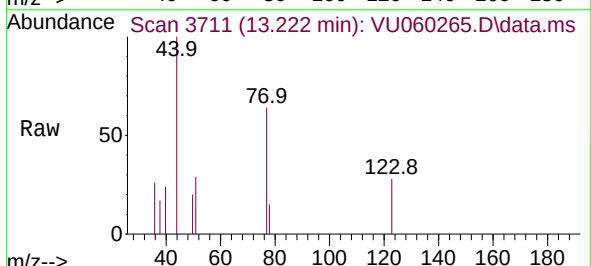
Tgt Ion: 77 Resp: 581

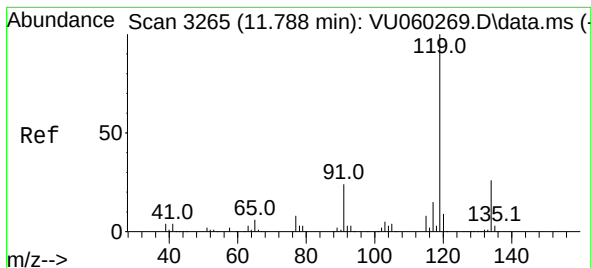
Ion Ratio Lower Upper

77 100

123 94.7 20.1 71.1#

65 7.6 10.5 13.3#





#81

p-Isopropyltoluene

Concen: 0.647 ug/l

RT: 11.791 min Scan# 3266

Delta R.T. 0.003 min

Lab File: VU060265.D

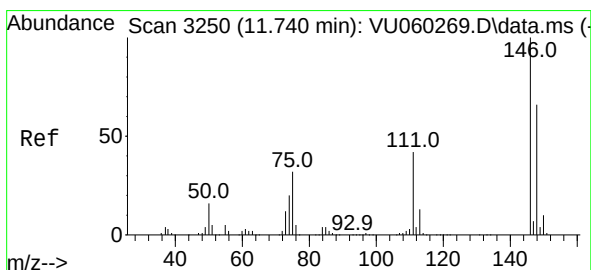
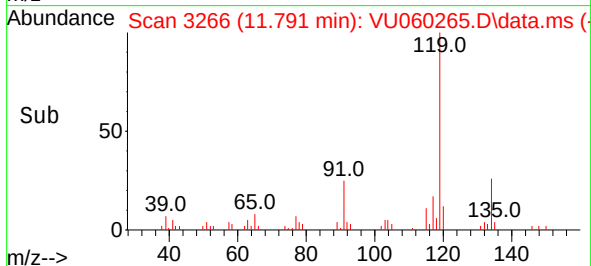
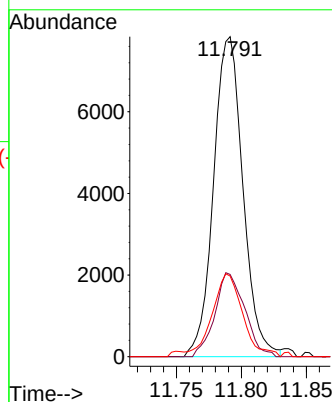
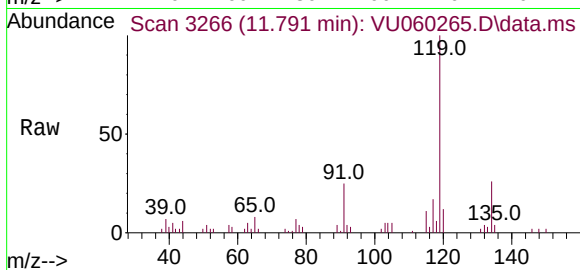
Acq: 30 Jul 2024 15:11

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:119	Resp:	12318
Ion Ratio	Lower	Upper
119	100	
134	26.6	20.6 30.8
91	26.7	18.8 28.2



#82

1,3-Dichlorobenzene

Concen: 0.401 ug/l

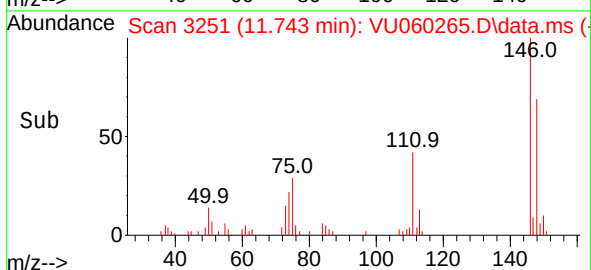
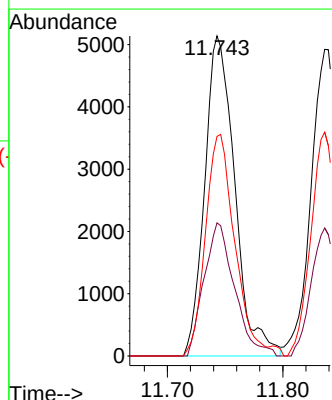
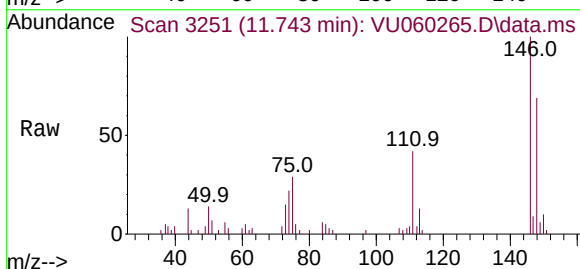
RT: 11.743 min Scan# 3251

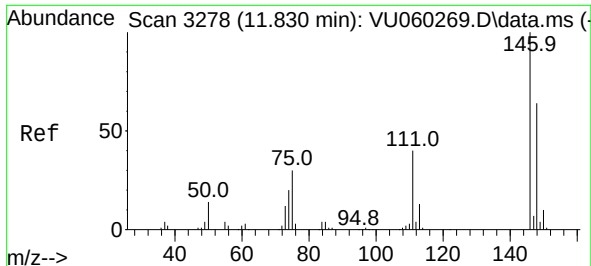
Delta R.T. 0.003 min

Lab File: VU060265.D

Acq: 30 Jul 2024 15:11

Tgt Ion:146	Resp:	9285
Ion Ratio	Lower	Upper
146	100	
111	42.2	33.7 50.5
148	67.1	52.0 78.0





#83

1,4-Dichlorobenzene

Concen: 0.381 ug/l

RT: 11.836 min Scan# 3278

Delta R.T. 0.006 min

Lab File: VU060265.D

Acq: 30 Jul 2024 15:11

Instrument :

MSVOA_U

ClientSampleId :

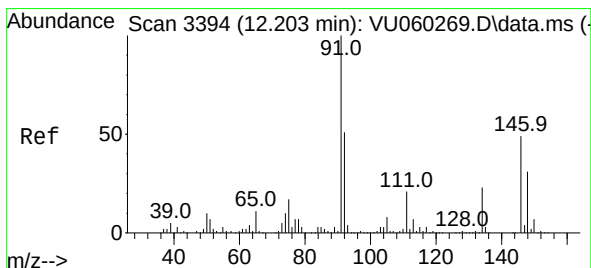
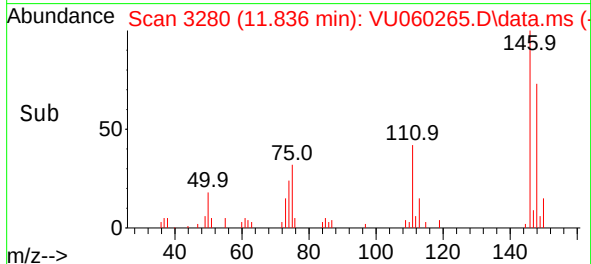
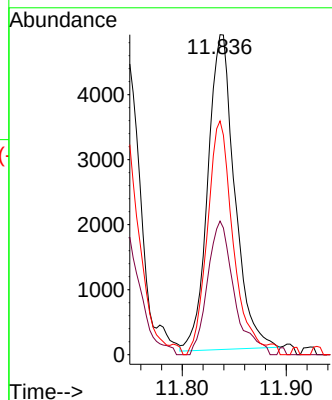
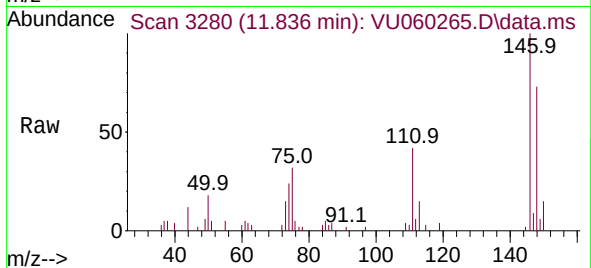
Tgt Ion:146 Resp: 8703

Ion Ratio Lower Upper

146 100

111 41.7 31.3 46.9

148 71.0 50.6 76.0



#84

n-Butylbenzene

Concen: 0.617 ug/l

RT: 12.206 min Scan# 3395

Delta R.T. 0.003 min

Lab File: VU060265.D

Acq: 30 Jul 2024 15:11

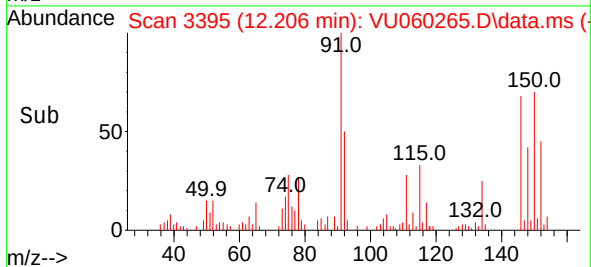
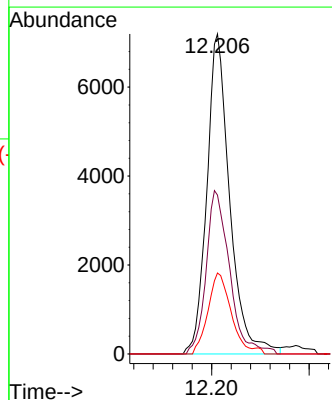
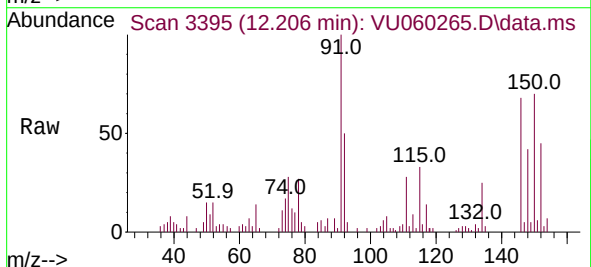
Tgt Ion: 91 Resp: 11746

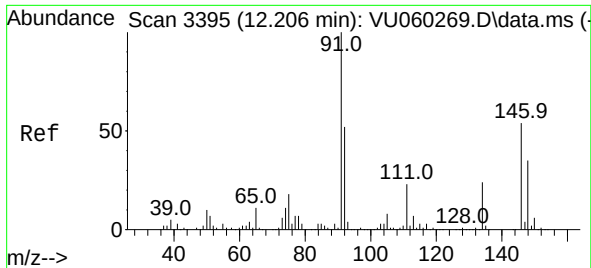
Ion Ratio Lower Upper

91 100

92 52.3 41.1 61.7

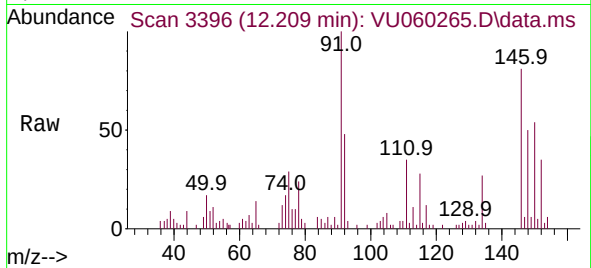
134 25.2 18.8 28.2



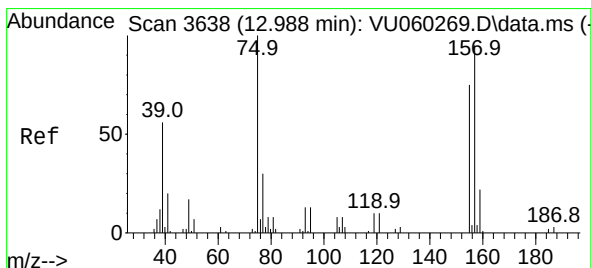
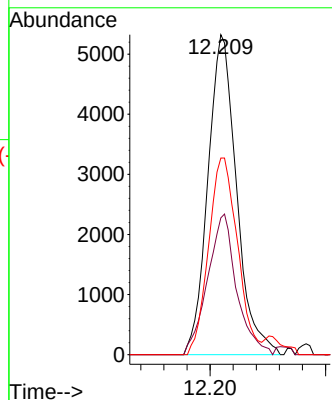
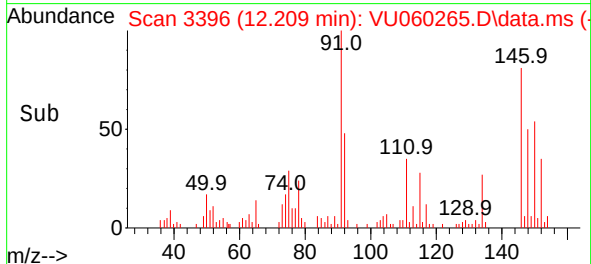


#85
1,2-Dichlorobenzene
Concen: 0.409 ug/l
RT: 12.209 min Scan# 3411
Delta R.T. 0.003 min
Lab File: VU060265.D
Acq: 30 Jul 2024 15:11

Instrument :
MSVOA_U
ClientSampleId :

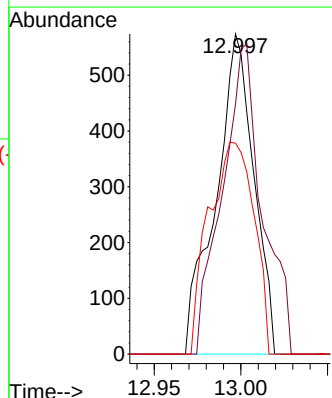
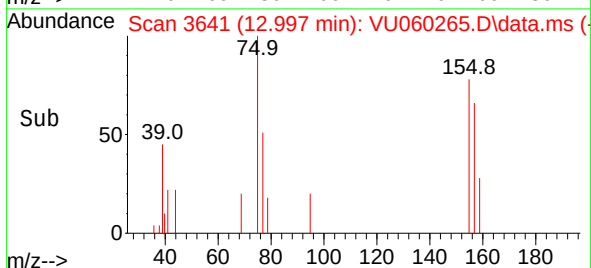
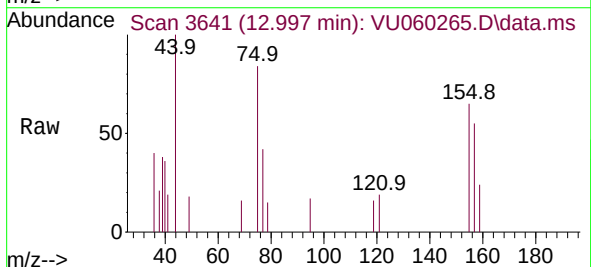


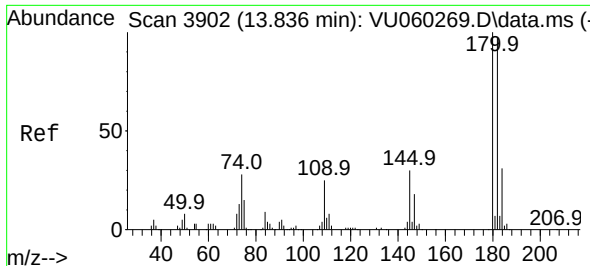
Tgt Ion:146 Resp: 9185
Ion Ratio Lower Upper
146 100
111 44.4 21.6 64.6
148 62.3 32.3 96.8



#86
1,2-Dibromo-3-Chloropropane
Concen: 0.493 ug/l
RT: 12.997 min Scan# 3641
Delta R.T. 0.009 min
Lab File: VU060265.D
Acq: 30 Jul 2024 15:11

Tgt Ion: 75 Resp: 879
Ion Ratio Lower Upper
75 100
155 101.3 64.5 96.7#
157 78.2 79.3 118.9#





#87

1,2,4-Trichlorobenzene

Concen: 0.404 ug/l

RT: 13.846 min Scan# 3905

Delta R.T. 0.009 min

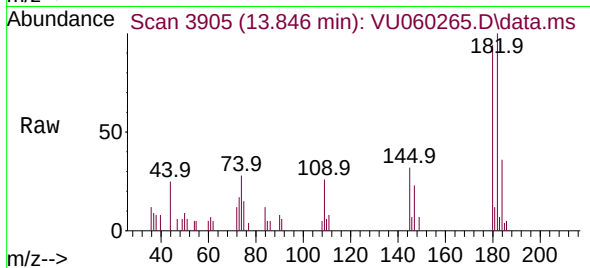
Lab File: VU060265.D

Acq: 30 Jul 2024 15:11

Instrument :

MSVOA_U

ClientSampleId :



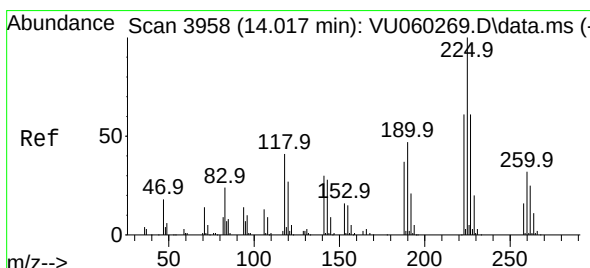
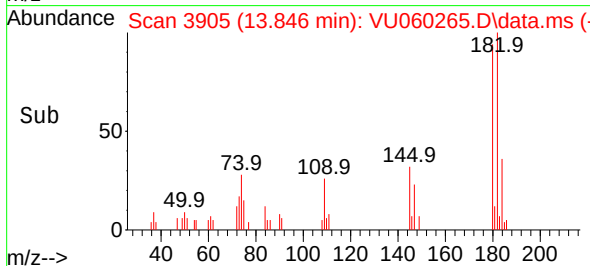
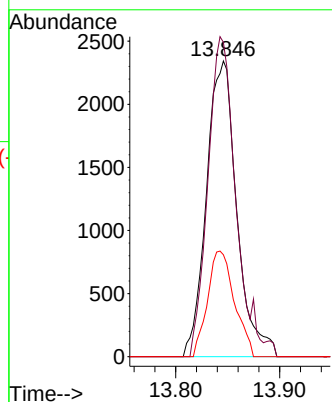
Tgt Ion:180 Resp: 4757

Ion Ratio Lower Upper

180 100

182 99.6 76.5 114.7

145 31.6 23.8 35.8



#88

Hexachlorobutadiene

Concen: 0.459 ug/l

RT: 14.016 min Scan# 3958

Delta R.T. -0.000 min

Lab File: VU060265.D

Acq: 30 Jul 2024 15:11

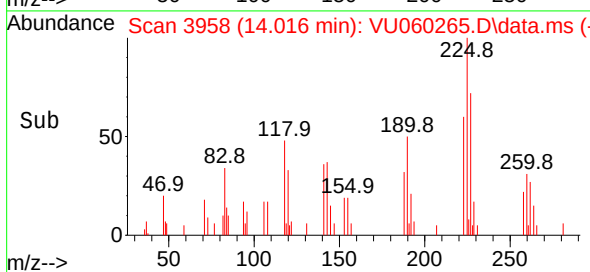
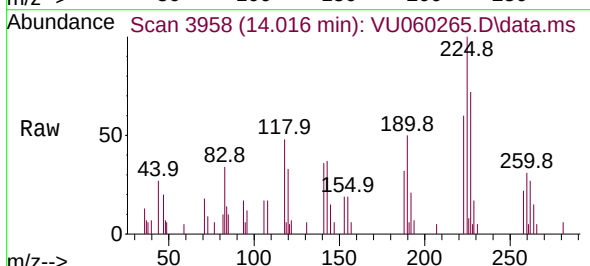
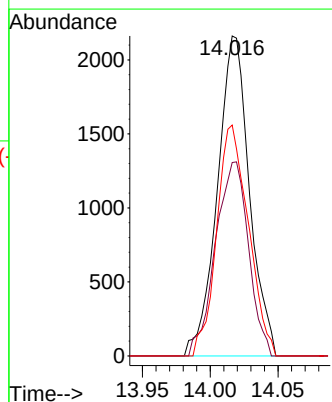
Tgt Ion:225 Resp: 3557

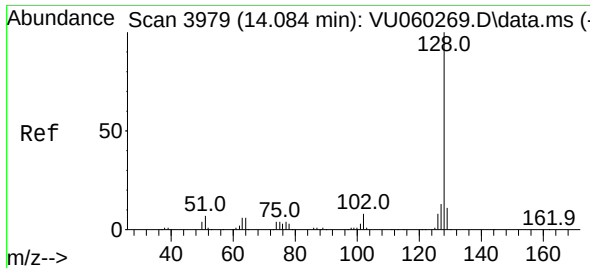
Ion Ratio Lower Upper

225 100

223 62.6 50.2 75.2

227 71.5 50.4 75.6





#89

Naphthalene

Concen: 0.520 ug/l

RT: 14.093 min Scan# 3982

Delta R.T. 0.009 min

Lab File: VU060265.D

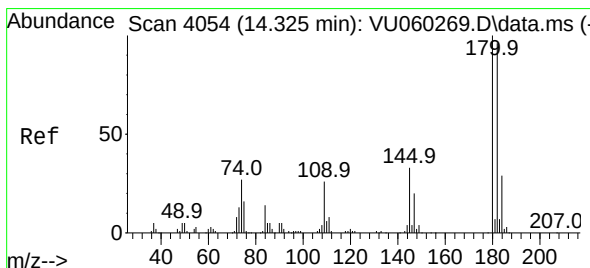
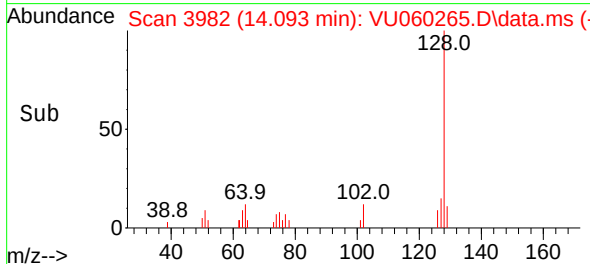
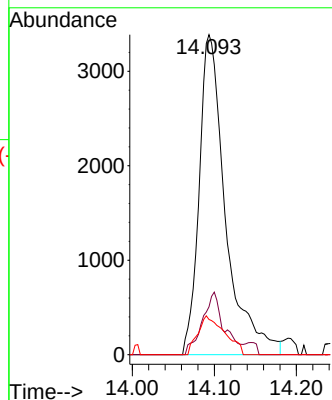
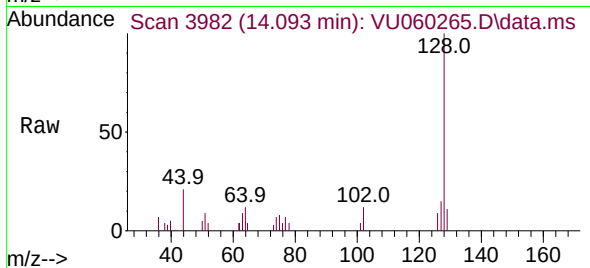
Acq: 30 Jul 2024 15:11

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	128	Resp:	7580
Ion Ratio	Lower	Upper	
128	100		
127	16.2	10.5	15.7#
129	12.3	8.7	13.1



#90

1,2,3-Trichlorobenzene

Concen: 0.572 ug/l

RT: 14.331 min Scan# 4056

Delta R.T. 0.006 min

Lab File: VU060265.D

Acq: 30 Jul 2024 15:11

Tgt Ion:	180	Resp:	4201
Ion Ratio	Lower	Upper	
180	100		
182	99.4	76.2	114.2
145	33.8	25.6	38.4

