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 Data File : VU063265.D
 Acq On : 13 Feb 2025 14:07
 Operator : MD/SY
 Sample : VU0213WBSD01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 14 04:45:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021025DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 11 08:42:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.107	96	49593	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.624	95	17236	1.054	ug/l	0.00
Spiked Amount 1.000			Recovery	=	105.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	16776	0.986	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	31209	1.937	ug/l	98
3) Chloromethane	1.518	50	38035	2.050	ug/l	99
4) Vinyl Chloride	1.599	62	38420	2.093	ug/l	98
5) Bromomethane	1.843	94	21161	2.359	ug/l	99
6) Chloroethane	1.923	64	22968	1.986	ug/l	94
7) Trichlorofluoromethane	2.129	101	42828	1.969	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	24684	1.999	ug/l	99
9) 1,1-Dichloroethene	2.570	96	25807	2.051	ug/l	97
10) Iodomethane	2.711	142	37799	1.911	ug/l	100
11) Allyl Chloride	2.914	41	36235	2.005	ug/l	98
12) Acrylonitrile	3.316	53	12356	4.258	ug/l	95
13) Acetone	2.618	43	23841	10.684	ug/l	99
14) Carbon Disulfide	2.782	76	87764	1.995	ug/l	99
15) Methylene Chloride	3.033	84	33773	2.173	ug/l	97
16) trans-1,2-Dichloroethene	3.341	96	29141	2.029	ug/l	94
17) 1,1-Dichloroethane	3.853	63	56101	2.073	ug/l	99
18) 2-Butanone	4.701	43	34754	9.786	ug/l	97
19) Cyclohexane	5.377	56	37028	1.702	ug/l	91
20) Methylcyclohexane	6.750	83	40256	1.867	ug/l	98
21) 2,2-Dichloropropane	4.650	77	41264	1.954	ug/l	98
22) cis-1,2-Dichloroethene	4.656	96	32439	2.091	ug/l	97
23) Diethyl Ether	2.367	59	22812	2.113	ug/l	98
24) tert-Butyl Alcohol	3.168	59	27220	19.439	ug/l	# 93
25) Methyl tert-Butyl Ether	3.348	73	65174	2.074	ug/l	98
26) Bromochloromethane	4.962	128	14924	2.201	ug/l	97
27) Chloroform	5.074	83	56318	2.062	ug/l	97
28) 1,1,1-Trichloroethane	5.303	97	45123	2.039	ug/l	99
29) 1,1-Dichloropropene	5.518	75	38847	1.960	ug/l	98
30) Carbon Tetrachloride	5.512	117	37973	2.001	ug/l	99
31) Isopropyl Ether	3.978	45	77646	2.009	ug/l	94
32) Ethyl-t-butyl ether	4.486	59	70372	2.003	ug/l	94
33) Tert-Amyl methyl ether	5.926	73	65478	2.133	ug/l	99
34) Propionitrile	4.772	54	11223	10.478	ug/l	# 86
35) Benzene	5.762	78	126057	2.069	ug/l	99
36) 1,2-Dichloroethane	5.785	62	36673	2.085	ug/l	100
37) Trichloroethene	6.531	130	29681	2.048	ug/l	99
38) 1,2-Dichloropropane	6.782	63	34503	2.163	ug/l	98
39) Methacrylonitrile	4.972	41	7625	1.910	ug/l	# 86
40) Methyl acrylate	4.856	55	11024	1.498	ug/l	# 76
41) Tetrahydrofuran	5.052	42	10526	4.534	ug/l	90
42) 1-Chlorobutane	5.447	56	53258	1.964	ug/l	100
43) Dibromomethane	6.910	93	16724	2.071	ug/l	97
44) Bromodichloromethane	7.097	83	40407	2.150	ug/l	95

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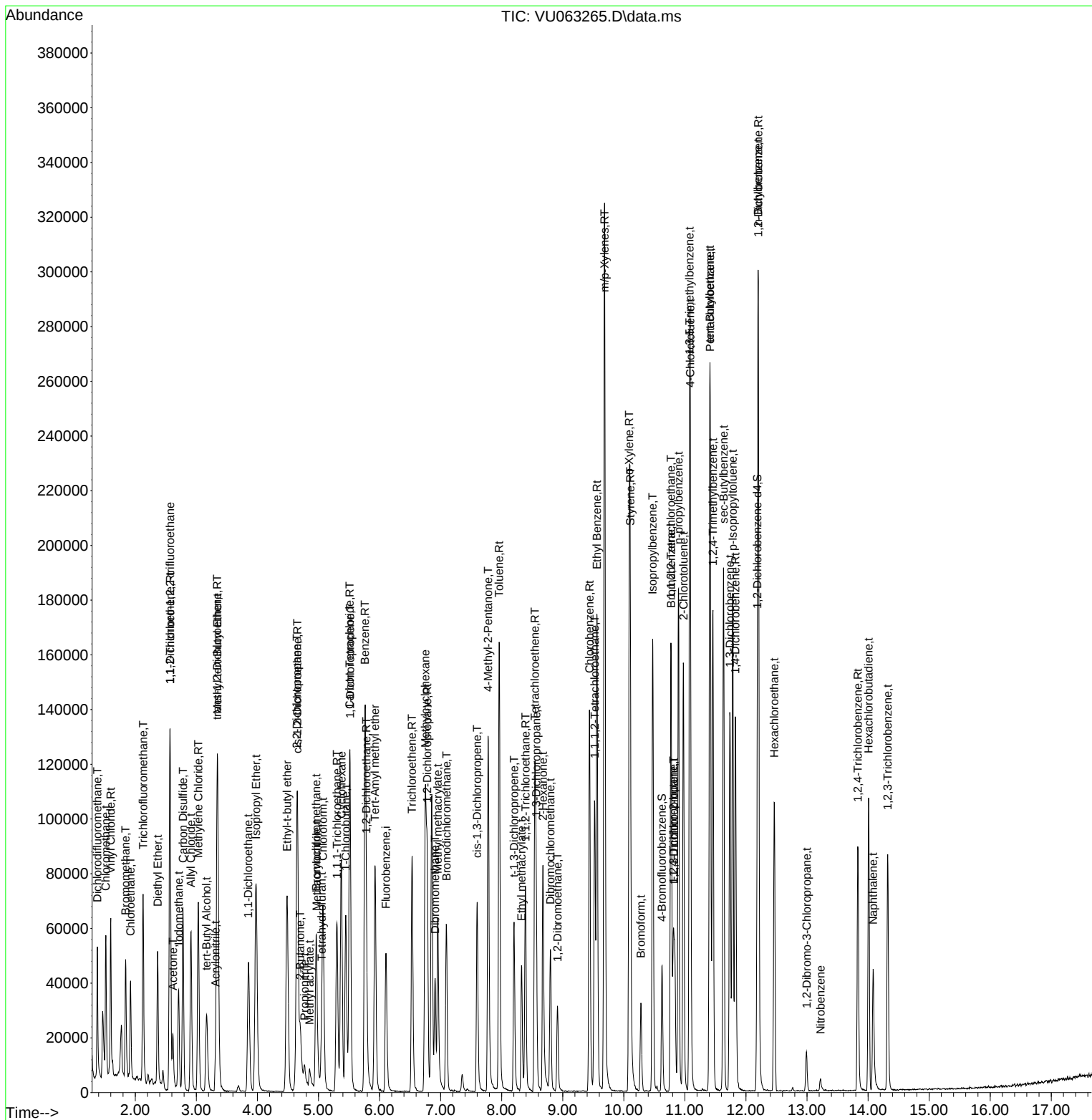
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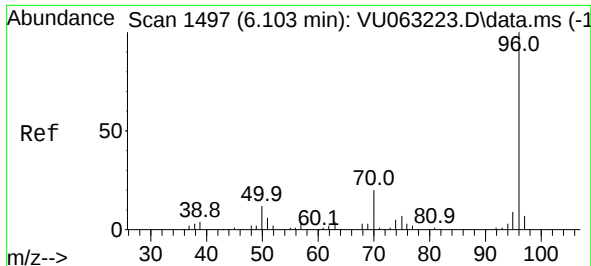
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 11 08:42:19 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.778	43	86255	10.187	ug/l	98
46) t-1,4-Dichloro-2-butene	10.814	75	33518	8.421	ug/l #	50
47) Methyl methacrylate	6.952	69	28196	4.145	ug/l	99
48) Ethyl methacrylate	8.325	69	26421	2.068	ug/l	99
49) Toluene	7.959	92	72167	2.059	ug/l	97
50) t-1,3-Dichloropropene	8.203	75	35210	2.046	ug/l	96
51) cis-1,3-Dichloropropene	7.598	75	42724	2.010	ug/l	98
52) 1,1,2-Trichloroethane	8.389	97	23596	2.167	ug/l	97
53) 1,3-Dichloropropane	8.566	76	41240	2.133	ug/l	98
54) 2-Hexanone	8.676	43	57763	9.997	ug/l	96
55) Dibromochloromethane	8.798	129	26319	2.101	ug/l	98
56) 1,2-Dibromoethane	8.913	107	21940	2.148	ug/l	94
58) Tetrachloroethene	8.544	164	23494	1.967	ug/l	96
59) Chlorobenzene	9.441	112	77094	2.085	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.524	131	27849	2.095	ug/l	99
61) Pentachloroethane	11.415	117	24447	2.059	ug/l	99
62) Hexachloroethane	12.463	117	20482	1.950	ug/l	98
63) Ethyl Benzene	9.560	91	123840	1.942	ug/l	98
64) m/p-Xylenes	9.685	106	92603	3.887	ug/l	99
65) o-Xylene	10.090	106	46481	1.993	ug/l	99
66) Styrene	10.106	104	73089	1.969	ug/l	99
67) Bromoform	10.280	173	15286	2.150	ug/l	98
69) Isopropylbenzene	10.473	105	106791	1.948	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.772	83	30183	2.057	ug/l	98
71) 1,2,3-Trichloropropane	10.814	75	33518	3.040	ug/l #	76
72) Bromobenzene	10.775	156	31163	2.110	ug/l	85
73) n-propylbenzene	10.897	120	31160	1.985	ug/l	92
74) 2-Chlorotoluene	10.978	126	29163	2.016	ug/l	97
75) 1,3,5-Trimethylbenzene	11.077	105	97170	1.913	ug/l	99
76) 4-Chlorotoluene	11.090	126	30377	2.048	ug/l	93
77) tert-Butylbenzene	11.409	119	99903	1.944	ug/l	98
78) 1,2,4-Trimethylbenzene	11.460	105	96662	1.918	ug/l	98
79) sec-Butylbenzene	11.634	105	129092	1.973	ug/l	98
80) Nitrobenzene	13.222	77	3245	10.731	ug/l #	94
81) p-Isopropyltoluene	11.785	119	99117	1.920	ug/l	99
82) 1,3-Dichlorobenzene	11.737	146	57988	2.024	ug/l	99
83) 1,4-Dichlorobenzene	11.830	146	57781	2.062	ug/l	99
84) n-Butylbenzene	12.200	91	91940	1.986	ug/l	96
85) 1,2-Dichlorobenzene	12.203	146	55493	2.015	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.994	75	4362	2.117	ug/l	95
87) 1,2,4-Trichlorobenzene	13.833	180	28956	2.156	ug/l	99
88) Hexachlorobutadiene	14.010	225	19075	1.987	ug/l	100
89) Naphthalene	14.084	128	44163	2.128	ug/l	99
90) 1,2,3-Trichlorobenzene	14.322	180	28562	2.174	ug/l	96

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

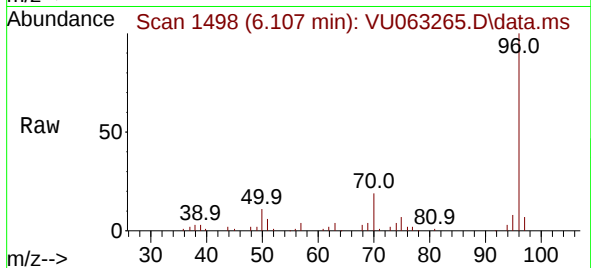
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021025DW.M
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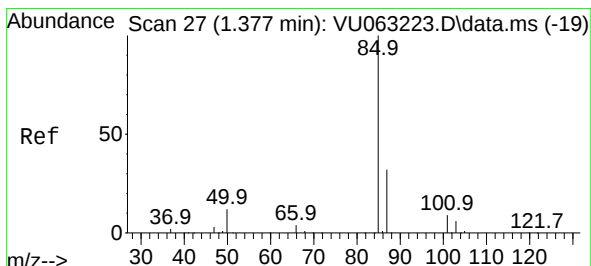
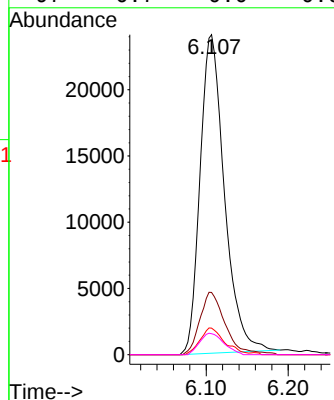
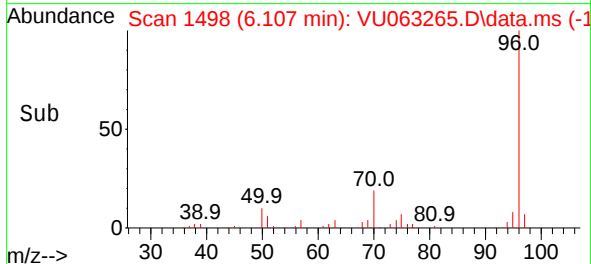


#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.107 min Scan# 14
Delta R.T. 0.004 min
Lab File: VU063265.D
Acq: 13 Feb 2025 14:07

Instrument :
MSVOA_U
ClientSampleId :

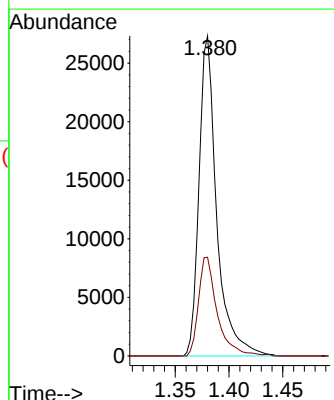
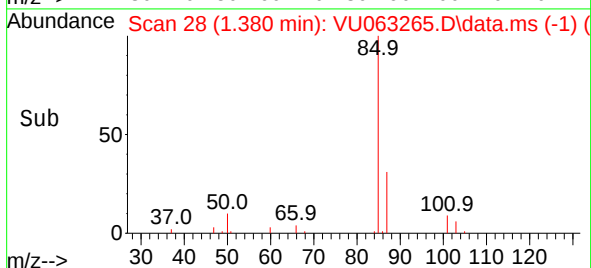
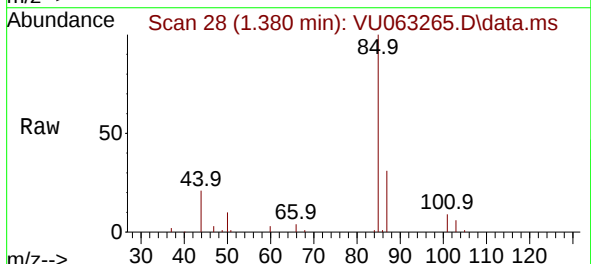


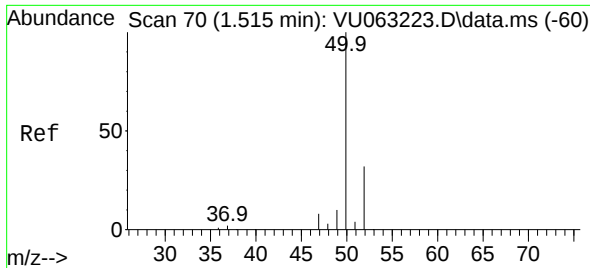
Tgt Ion: 96 Resp: 49593
Ion Ratio Lower Upper
96 100
70 20.5 15.6 23.4
95 7.8 7.3 10.9
97 6.7 0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 1.937 ug/l
RT: 1.380 min Scan# 28
Delta R.T. 0.003 min
Lab File: VU063265.D
Acq: 13 Feb 2025 14:07

Tgt Ion: 85 Resp: 31209
Ion Ratio Lower Upper
85 100
87 30.9 16.0 48.0

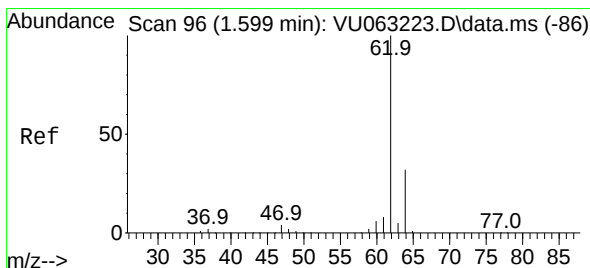
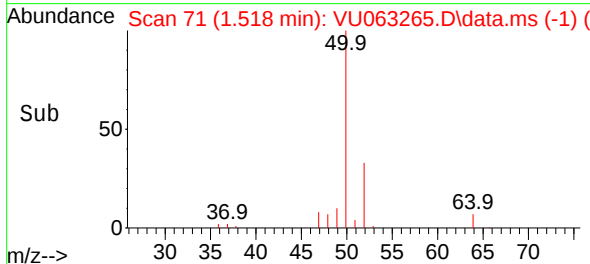
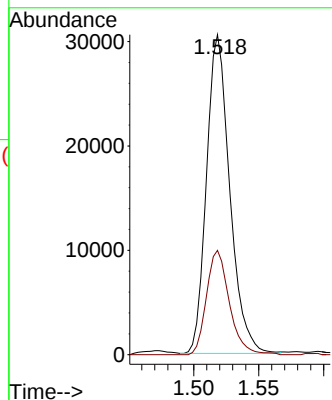
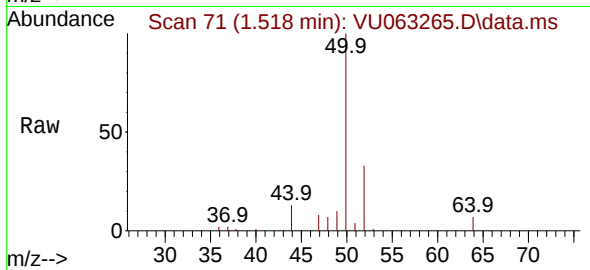




#3
Chloromethane
Concen: 2.050 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU063265.D
Acq: 13 Feb 2025 14:07

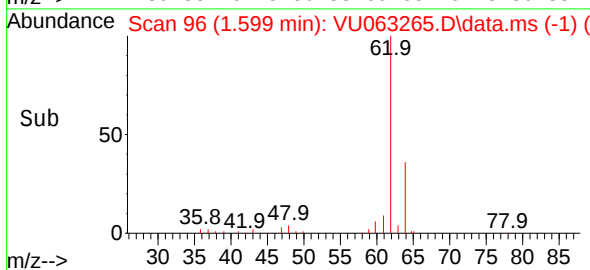
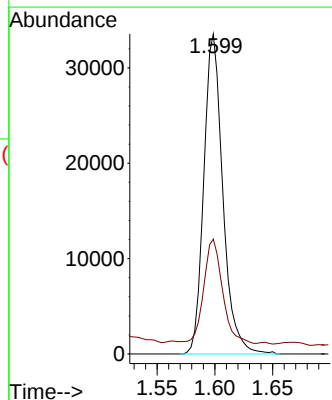
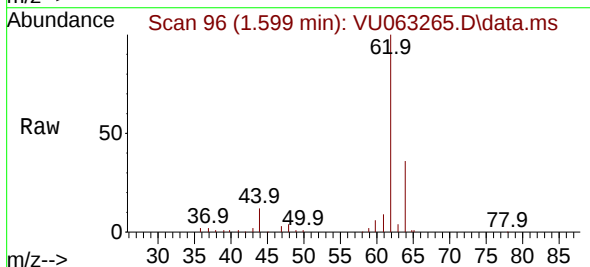
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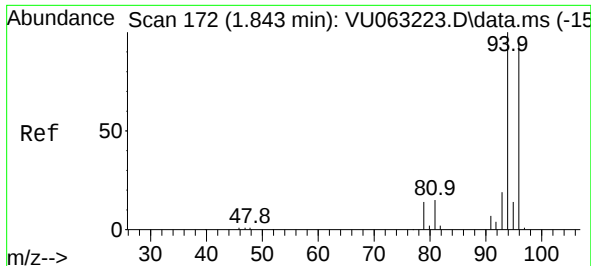
Tgt Ion: 50 Resp: 38035
Ion Ratio Lower Upper
50 100
52 32.7 25.8 38.8



#4
Vinyl Chloride
Concen: 2.093 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063265.D
Acq: 13 Feb 2025 14:07

Tgt Ion: 62 Resp: 38420
Ion Ratio Lower Upper
62 100
64 32.6 25.4 38.0

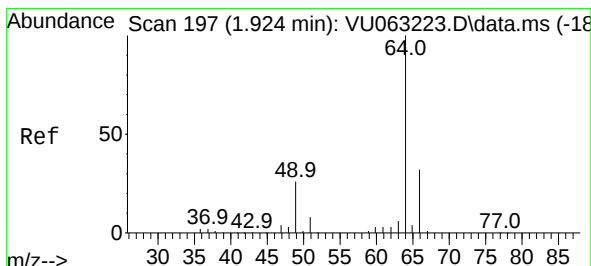
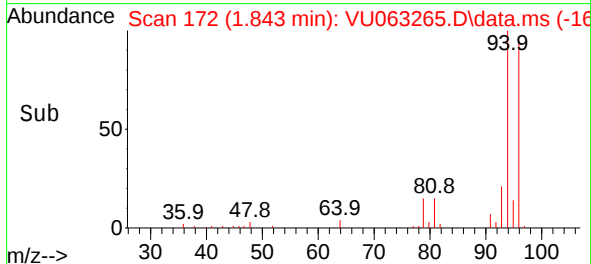
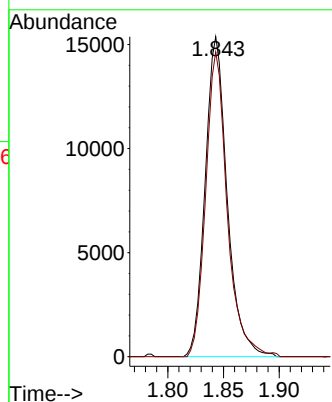
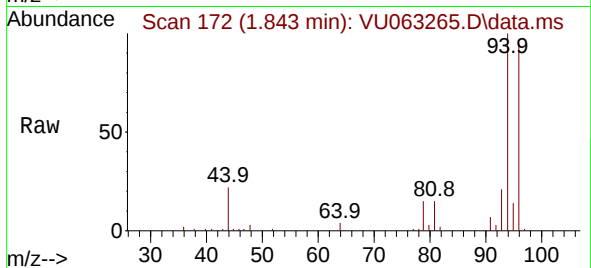




#5
Bromomethane
Concen: 2.359 ug/l
RT: 1.843 min Scan# 172
Delta R.T. 0.000 min
Lab File: VU063265.D
Acq: 13 Feb 2025 14:07

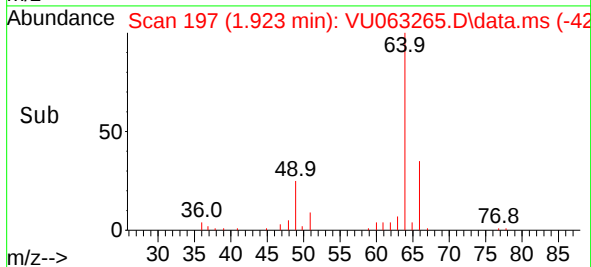
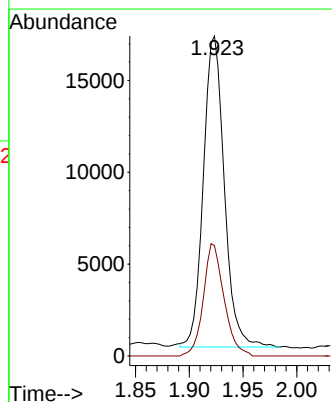
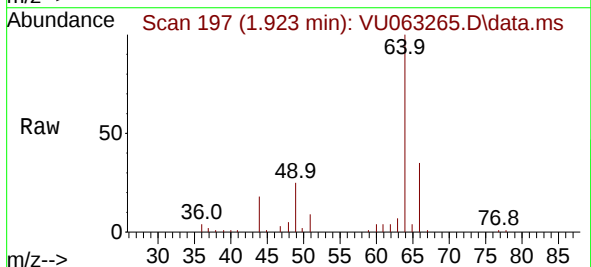
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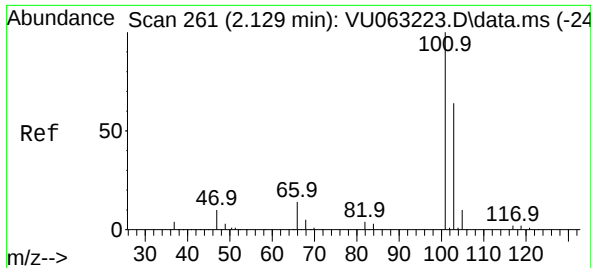
Tgt Ion: 94 Resp: 21161
Ion Ratio Lower Upper
94 100
96 95.2 75.7 113.5



#6
Chloroethane
Concen: 1.986 ug/l
RT: 1.923 min Scan# 197
Delta R.T. -0.000 min
Lab File: VU063265.D
Acq: 13 Feb 2025 14:07

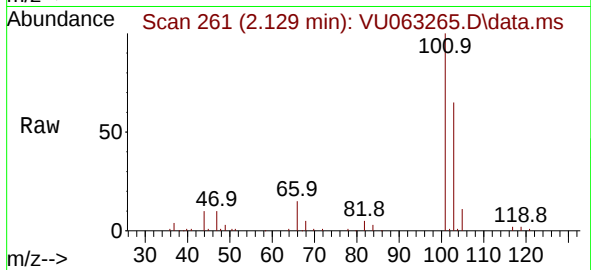
Tgt Ion: 64 Resp: 22968
Ion Ratio Lower Upper
64 100
66 35.5 25.8 38.8



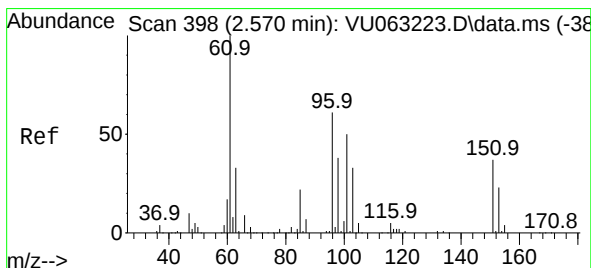
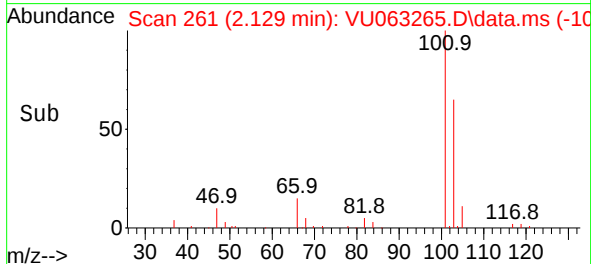
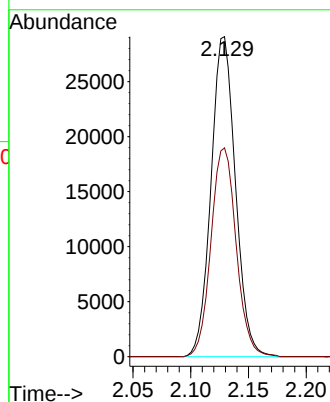


#7
 Trichlorofluoromethane
 Concen: 1.969 ug/l
 RT: 2.129 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VU063265.D
 Acq: 13 Feb 2025 14:07

Instrument :
 MSVOA_U
 ClientSampleId :

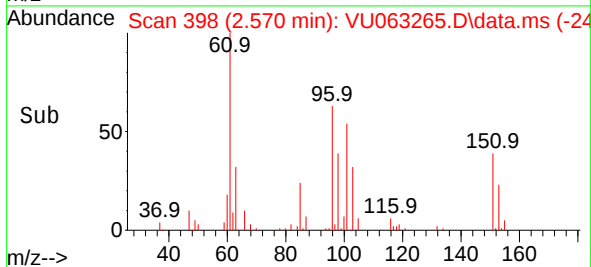
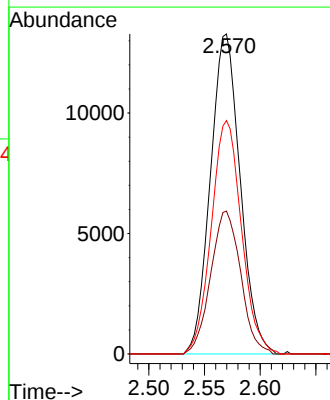
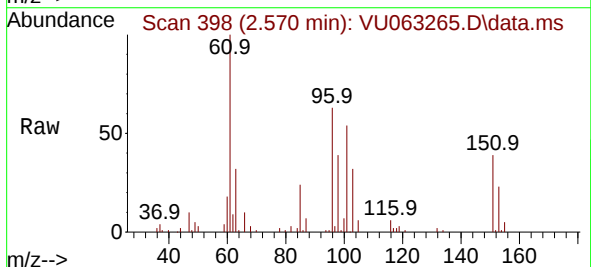


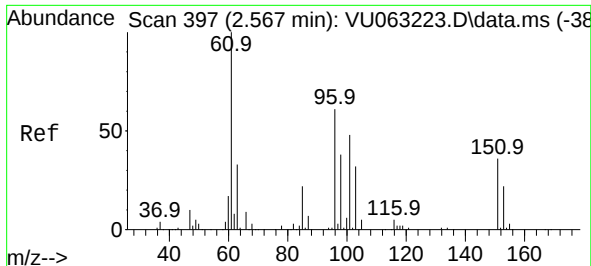
Tgt Ion:101 Resp: 42828
 Ion Ratio Lower Upper
 101 100
 103 65.3 51.4 77.2



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.999 ug/l
 RT: 2.570 min Scan# 398
 Delta R.T. -0.000 min
 Lab File: VU063265.D
 Acq: 13 Feb 2025 14:07

Tgt Ion:101 Resp: 24684
 Ion Ratio Lower Upper
 101 100
 85 45.0 35.4 53.0
 151 74.0 58.5 87.7

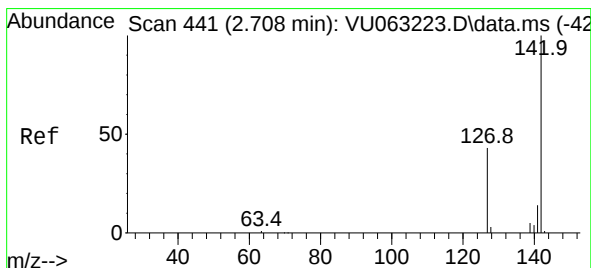
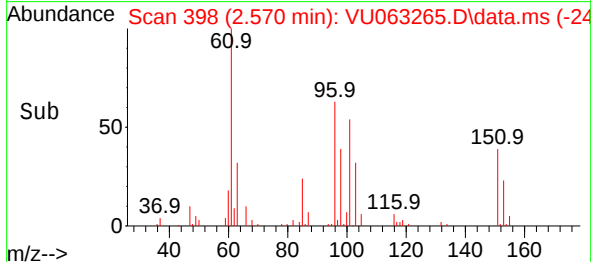
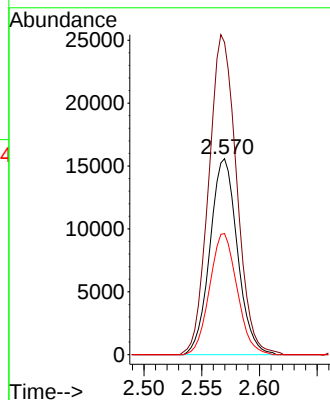
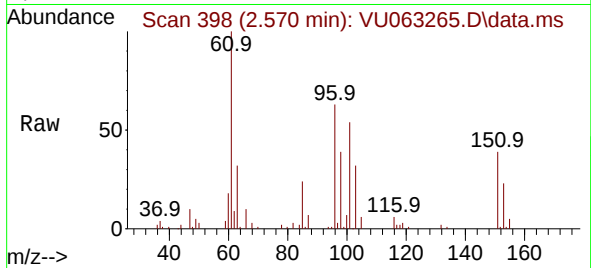




#9
1,1-Dichloroethene
Concen: 2.051 ug/l
RT: 2.570 min Scan# 397
Delta R.T. 0.003 min
Lab File: VU063265.D
Acq: 13 Feb 2025 14:07

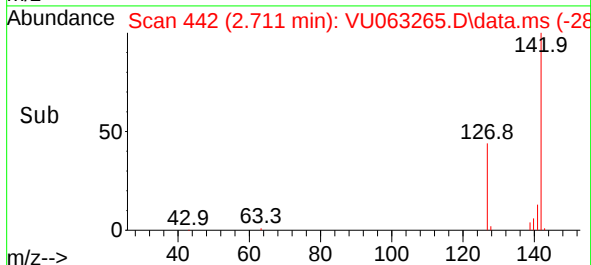
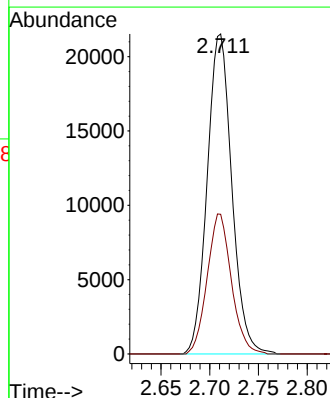
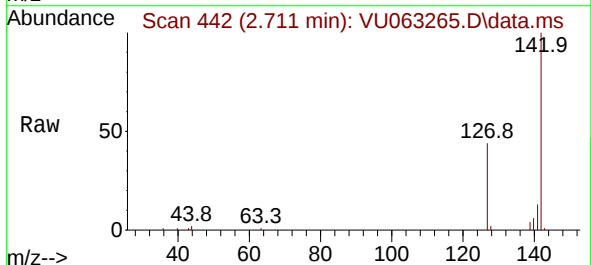
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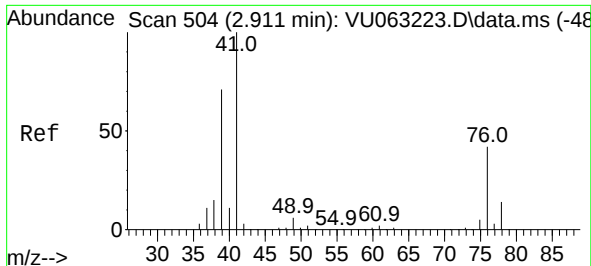
Tgt Ion: 96 Resp: 25807
Ion Ratio Lower Upper
96 100
61 159.3 0.0 492.9
98 61.8 0.0 124.0



#10
Iodomethane
Concen: 1.911 ug/l
RT: 2.711 min Scan# 442
Delta R.T. 0.003 min
Lab File: VU063265.D
Acq: 13 Feb 2025 14:07

Tgt Ion: 142 Resp: 37799
Ion Ratio Lower Upper
142 100
127 43.0 34.5 51.7





#11

Allyl Chloride

Concen: 2.005 ug/l

RT: 2.914 min Scan# 504

Delta R.T. 0.003 min

Lab File: VU063265.D

Acq: 13 Feb 2025 14:07

Instrument :

MSVOA_U

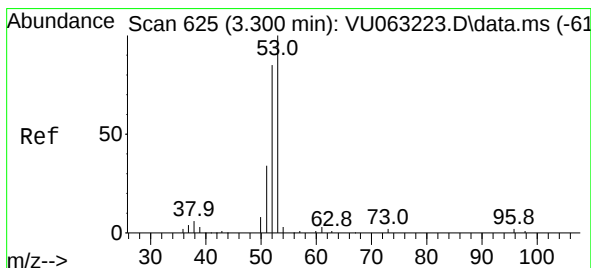
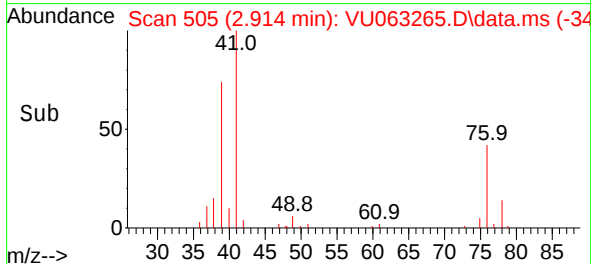
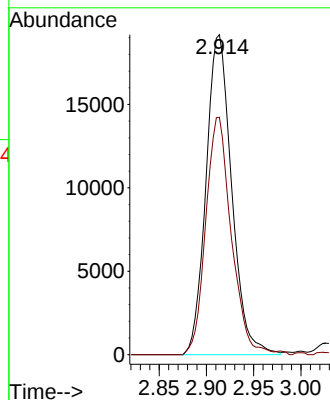
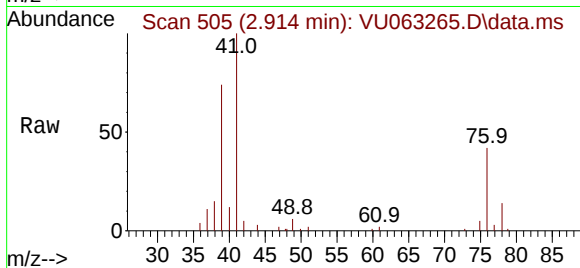
ClientSampleId :

Tgt Ion: 41 Resp: 36235

Ion Ratio Lower Upper

41 100

39 73.7 57.9 86.9



#12

Acrylonitrile

Concen: 4.258 ug/l

RT: 3.316 min Scan# 630

Delta R.T. 0.016 min

Lab File: VU063265.D

Acq: 13 Feb 2025 14:07

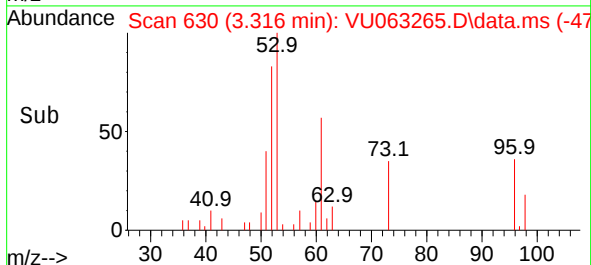
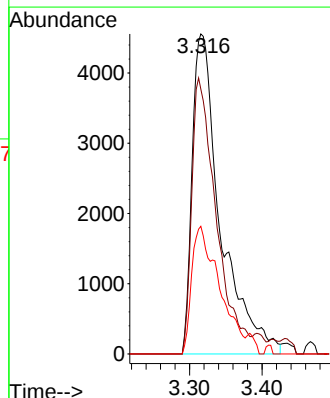
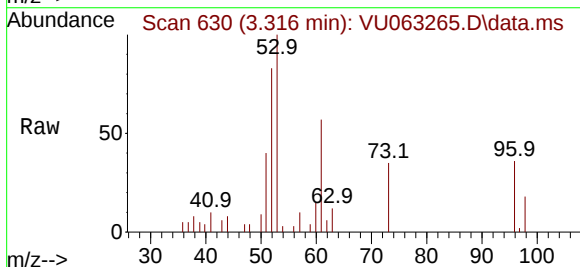
Tgt Ion: 53 Resp: 12356

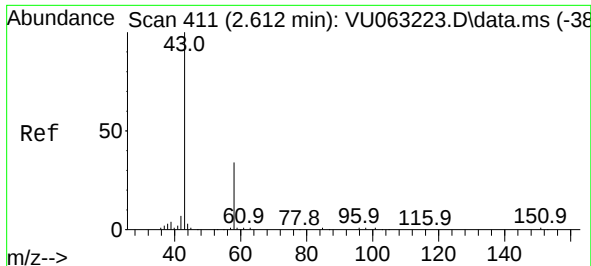
Ion Ratio Lower Upper

53 100

52 74.7 64.2 96.2

51 39.2 30.8 46.2





#13

Acetone

Concen: 10.684 ug/l

RT: 2.618 min Scan# 411

Delta R.T. 0.006 min

Lab File: VU063265.D

Acq: 13 Feb 2025 14:07

Instrument :

MSVOA_U

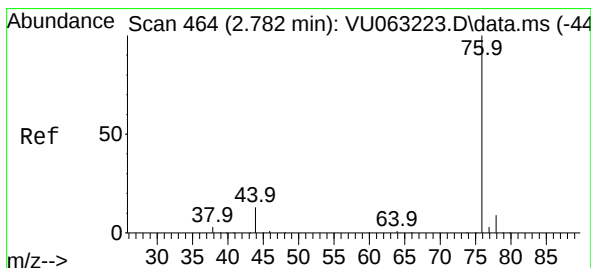
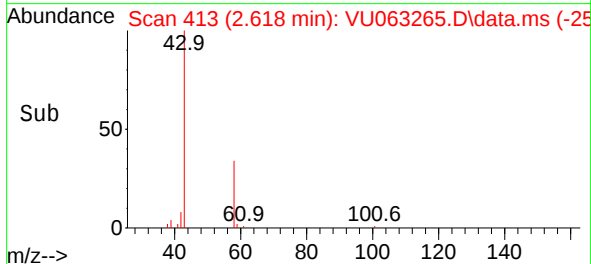
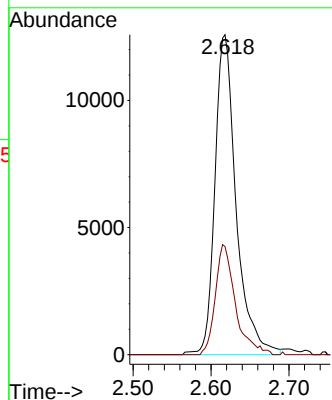
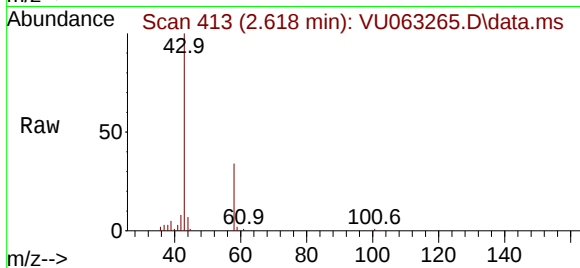
ClientSampleId :

Tgt Ion: 43 Resp: 23841

Ion Ratio Lower Upper

43 100

58 33.8 27.4 41.0



#14

Carbon Disulfide

Concen: 1.995 ug/l

RT: 2.782 min Scan# 464

Delta R.T. -0.000 min

Lab File: VU063265.D

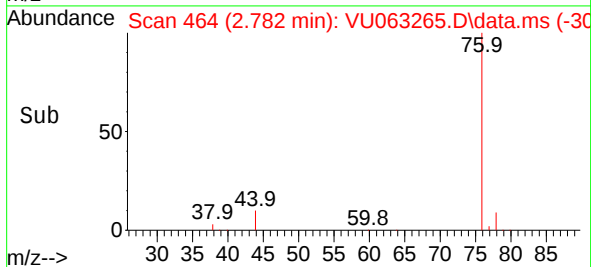
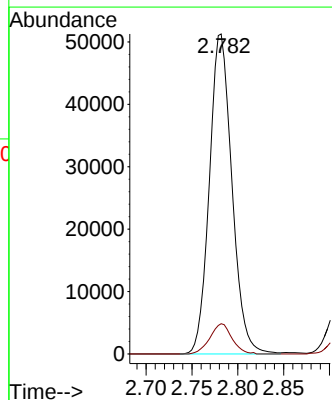
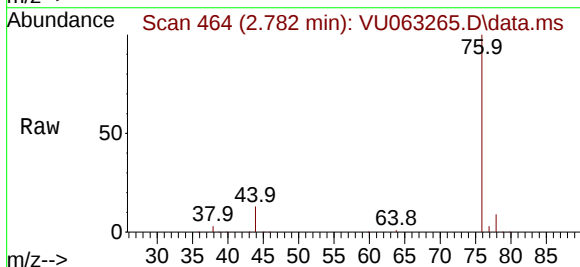
Acq: 13 Feb 2025 14:07

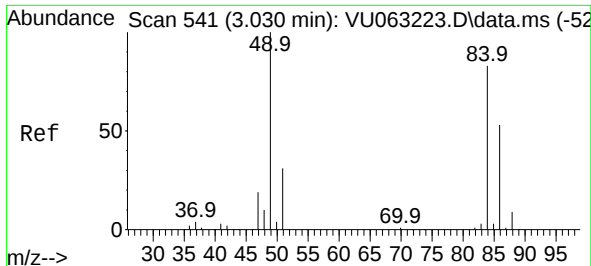
Tgt Ion: 76 Resp: 87764

Ion Ratio Lower Upper

76 100

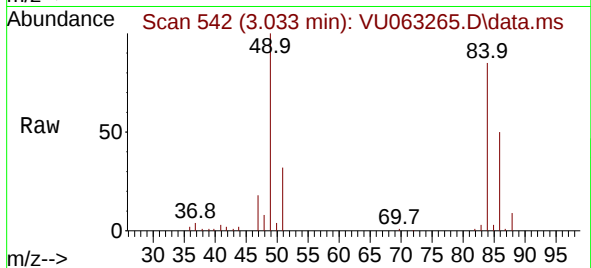
78 9.5 7.2 10.8



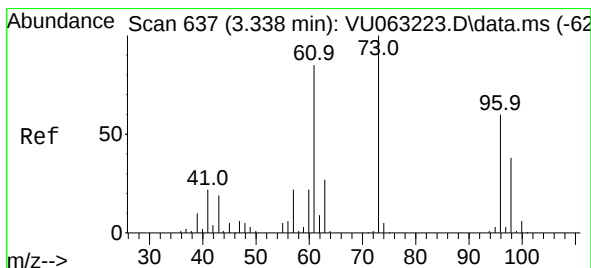
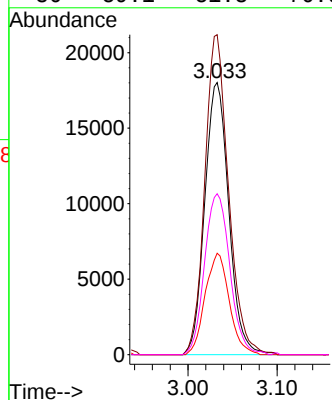
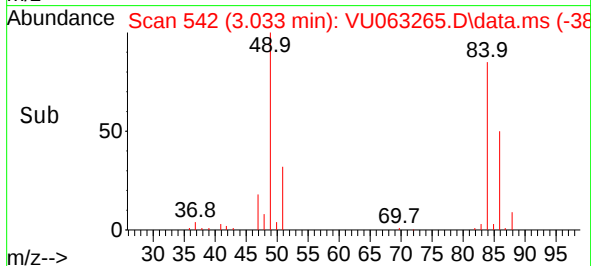


#15
Methylene Chloride
Concen: 2.173 ug/l
RT: 3.033 min Scan# 541
Delta R.T. 0.003 min
Lab File: VU063265.D
Acq: 13 Feb 2025 14:07

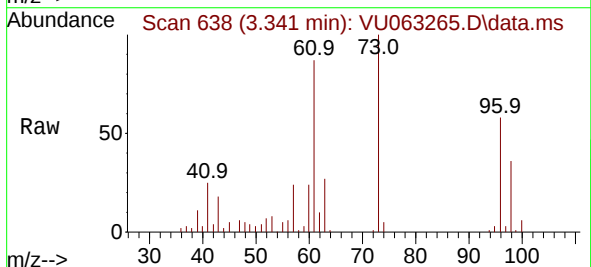
Instrument :
MSVOA_U
ClientSampleId :



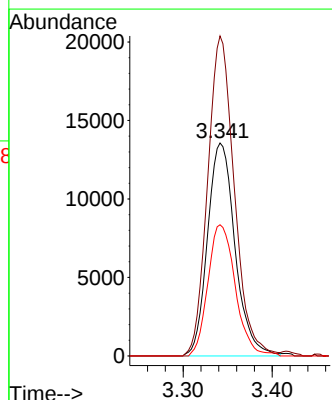
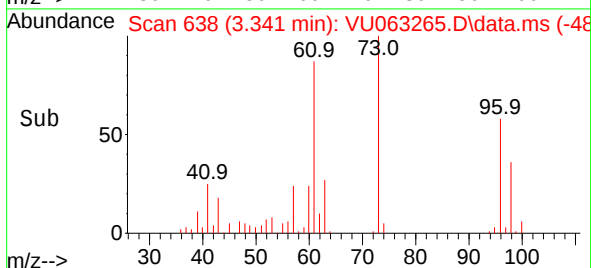
Tgt Ion: 84 Resp: 33773
Ion Ratio Lower Upper
84 100
49 117.6 96.4 144.6
51 37.3 0.0 74.8
86 59.1 51.3 76.9

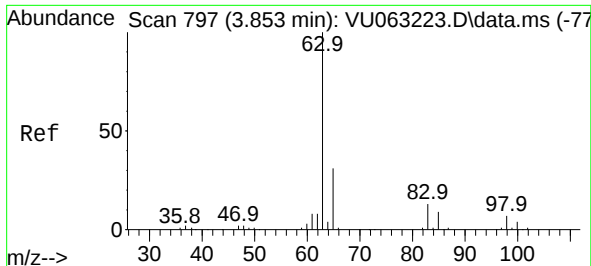


#16
trans-1,2-Dichloroethene
Concen: 2.029 ug/l
RT: 3.341 min Scan# 638
Delta R.T. 0.003 min
Lab File: VU063265.D
Acq: 13 Feb 2025 14:07



Tgt Ion: 96 Resp: 29141
Ion Ratio Lower Upper
96 100
61 150.3 113.4 170.2
98 61.6 51.2 76.8



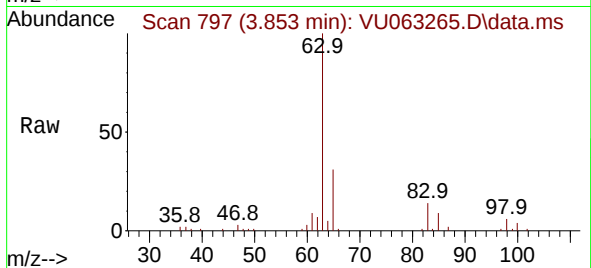


#17
 1,1-Dichloroethane
 Concen: 2.073 ug/l
 RT: 3.853 min Scan# 797
 Delta R.T. -0.000 min
 Lab File: VU063265.D
 Acq: 13 Feb 2025 14:07

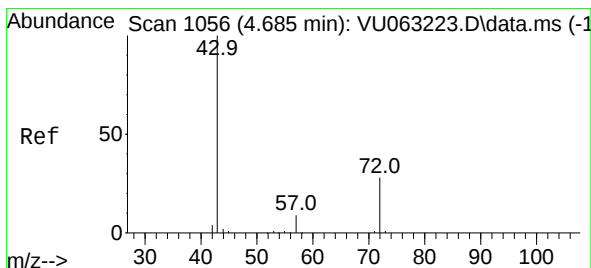
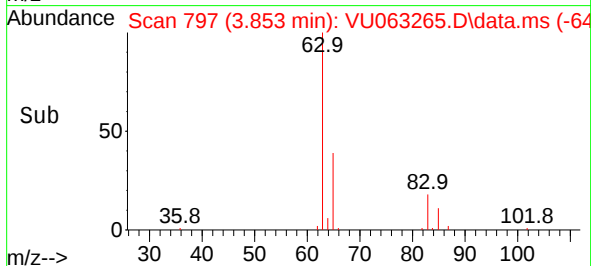
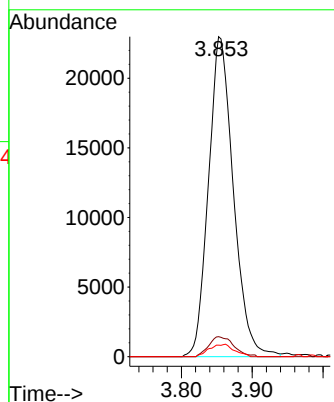
Instrument :

MSVOA_U

ClientSampleId :

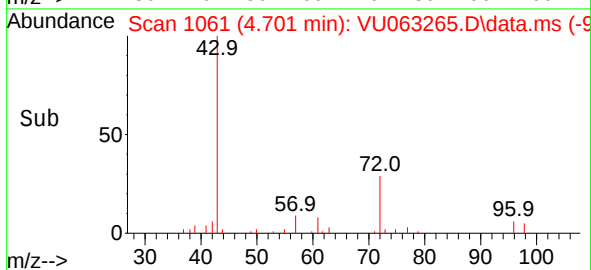
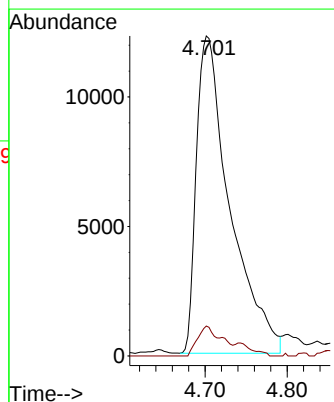
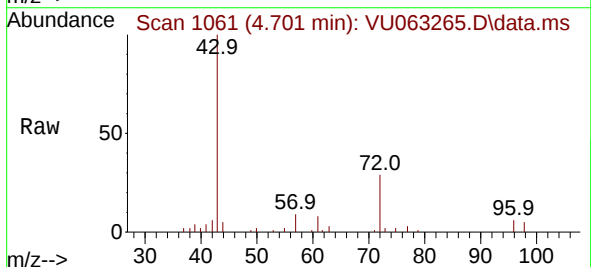


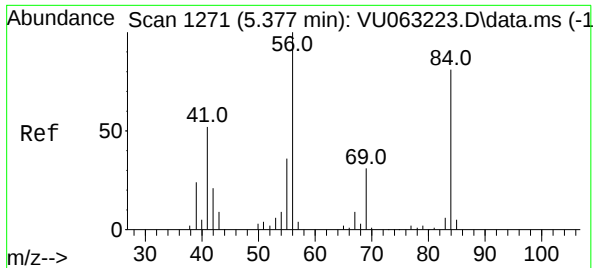
Tgt Ion: 63 Resp: 56101
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.3 9.9
 100 3.6 2.1 6.2



#18
 2-Butanone
 Concen: 9.786 ug/l
 RT: 4.701 min Scan# 1061
 Delta R.T. 0.016 min
 Lab File: VU063265.D
 Acq: 13 Feb 2025 14:07

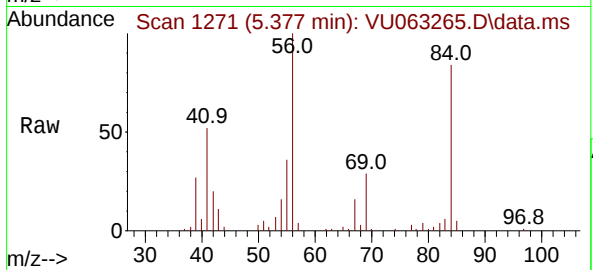
Tgt Ion: 43 Resp: 34754
 Ion Ratio Lower Upper
 43 100
 57 9.7 0.0 17.0



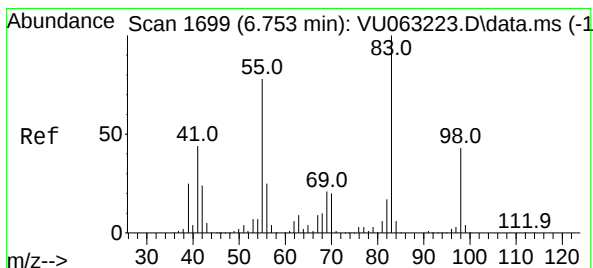
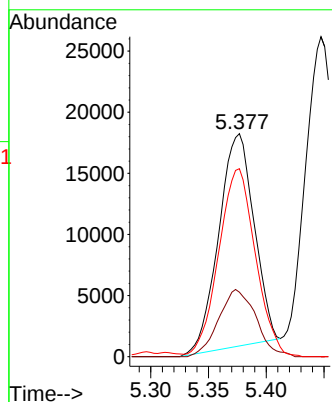
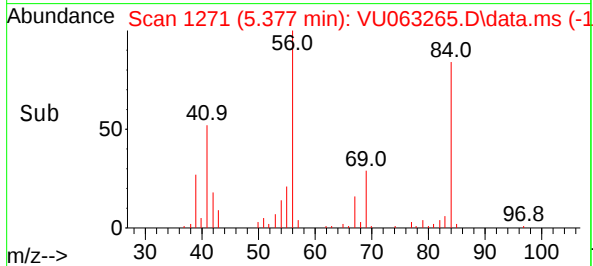


#19
Cyclohexane
Concen: 1.702 ug/l
RT: 5.377 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU063265.D
Acq: 13 Feb 2025 14:07

Instrument :
MSVOA_U
ClientSampleId :

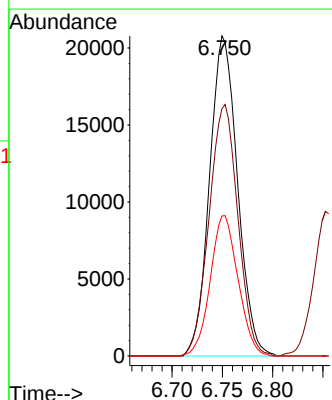
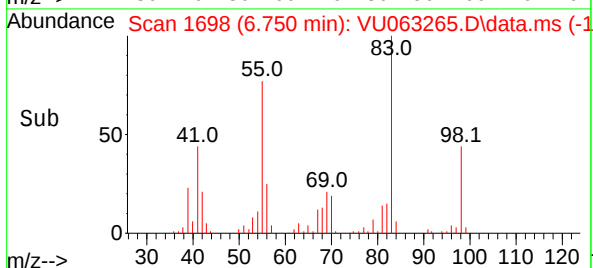
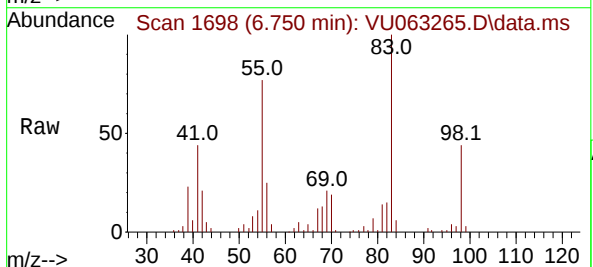


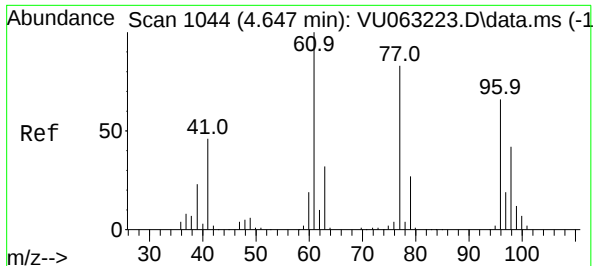
Tgt Ion:	56	Resp:	37028
Ion	Ratio	Lower	Upper
56	100		
69	33.4	24.5	36.7
84	90.5	65.2	97.8



#20
Methylcyclohexane
Concen: 1.867 ug/l
RT: 6.750 min Scan# 1698
Delta R.T. -0.003 min
Lab File: VU063265.D
Acq: 13 Feb 2025 14:07

Tgt Ion:	83	Resp:	40256
Ion	Ratio	Lower	Upper
83	100		
55	80.9	63.1	94.7
98	43.5	35.2	52.8

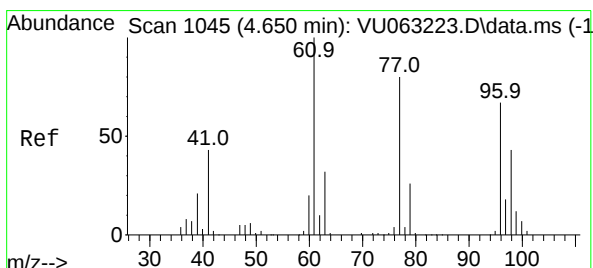
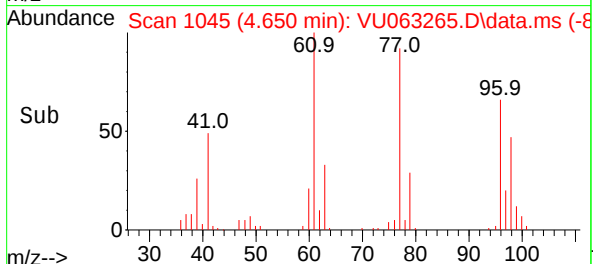
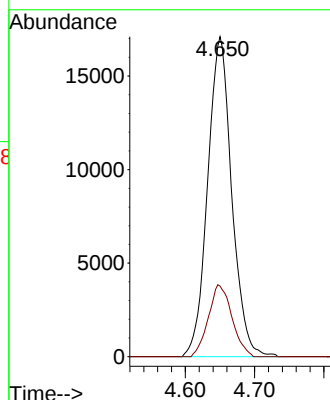
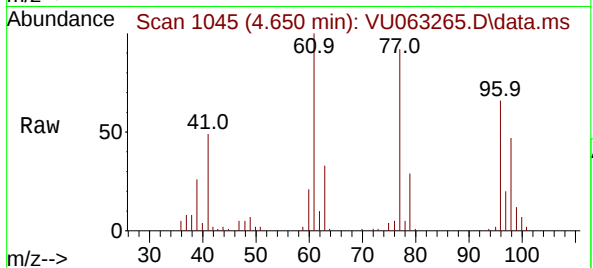




#21
2,2-Dichloropropane
Concen: 1.954 ug/l
RT: 4.650 min Scan# 1045
Delta R.T. 0.003 min
Lab File: VU063265.D
Acq: 13 Feb 2025 14:07

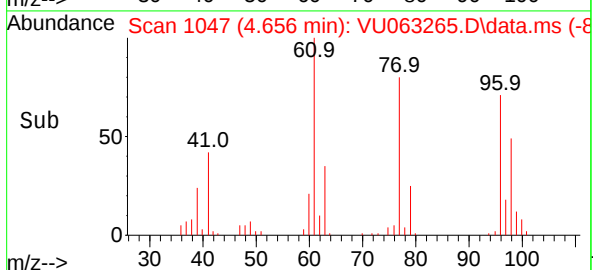
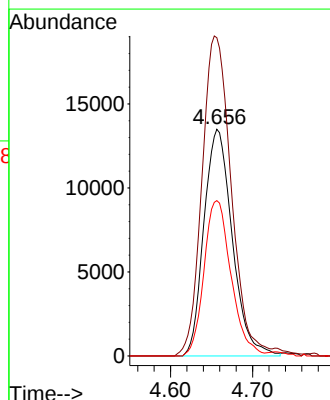
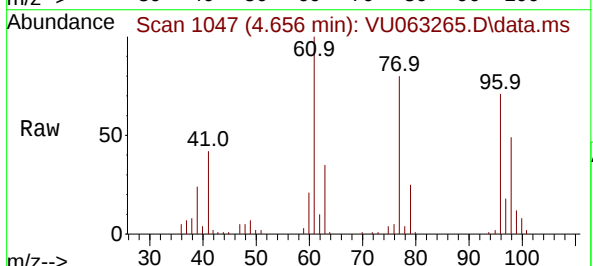
Instrument :
MSVOA_U
ClientSampleId :

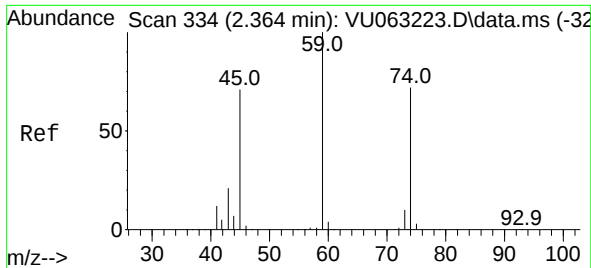
Tgt Ion: 77 Resp: 41264
Ion Ratio Lower Upper
77 100
97 22.0 18.5 27.7



#22
cis-1,2-Dichloroethene
Concen: 2.091 ug/l
RT: 4.656 min Scan# 1047
Delta R.T. 0.006 min
Lab File: VU063265.D
Acq: 13 Feb 2025 14:07

Tgt Ion: 96 Resp: 32439
Ion Ratio Lower Upper
96 100
61 145.3 0.0 373.3
98 65.3 31.9 95.9

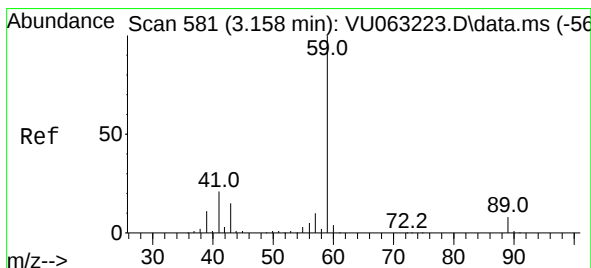
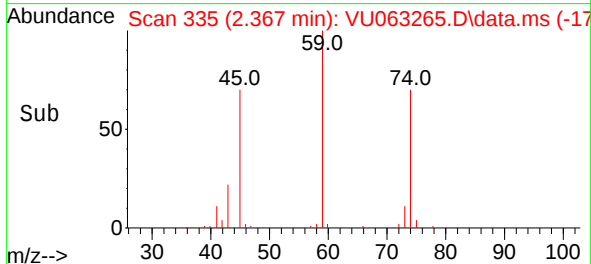
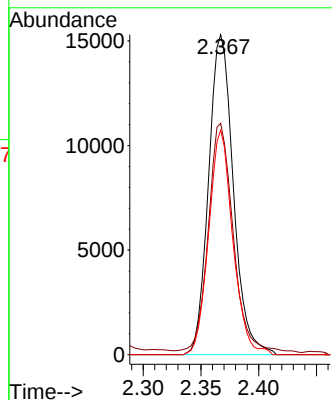
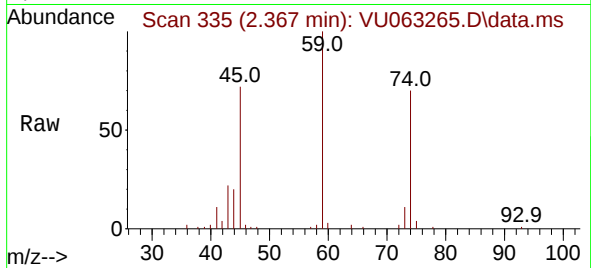




#23
Diethyl Ether
Concen: 2.113 ug/l
RT: 2.367 min Scan# 334
Delta R.T. 0.003 min
Lab File: VU063265.D
Acq: 13 Feb 2025 14:07

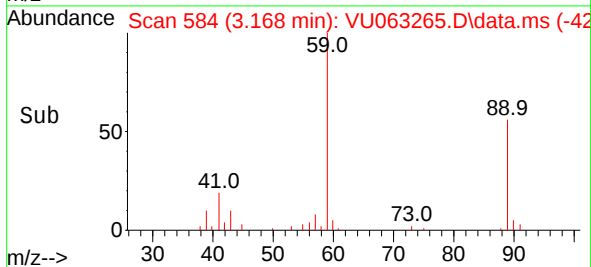
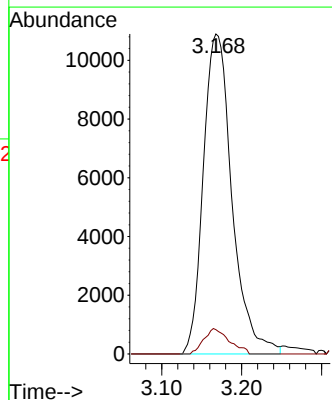
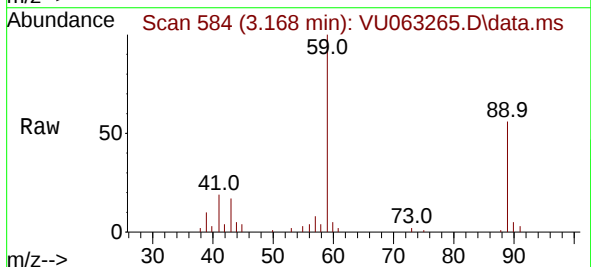
Instrument :
MSVOA_U
ClientSampleId :

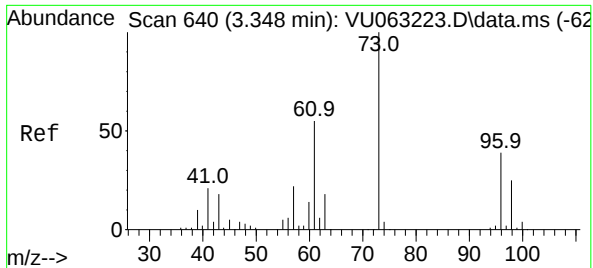
Tgt Ion: 59 Resp: 22812
Ion Ratio Lower Upper
59 100
45 72.4 57.8 86.6
74 68.3 57.7 86.5



#24
tert-Butyl Alcohol
Concen: 19.439 ug/l
RT: 3.168 min Scan# 584
Delta R.T. 0.010 min
Lab File: VU063265.D
Acq: 13 Feb 2025 14:07

Tgt Ion: 59 Resp: 27220
Ion Ratio Lower Upper
59 100
57 7.0 7.5 11.3#





#25

Methyl tert-Butyl Ether

Concen: 2.074 ug/l

RT: 3.348 min Scan# 640

Delta R.T. -0.000 min

Lab File: VU063265.D

Acq: 13 Feb 2025 14:07

Instrument :

MSVOA_U

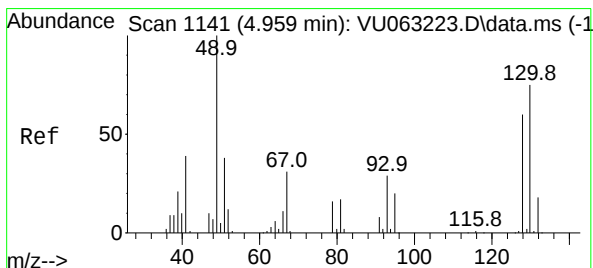
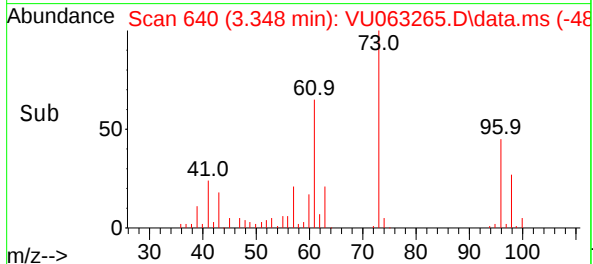
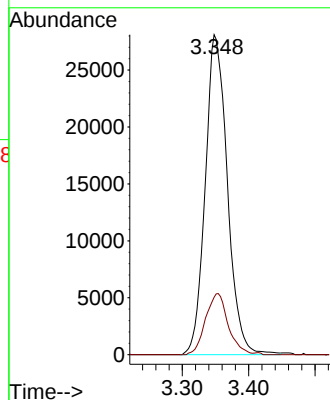
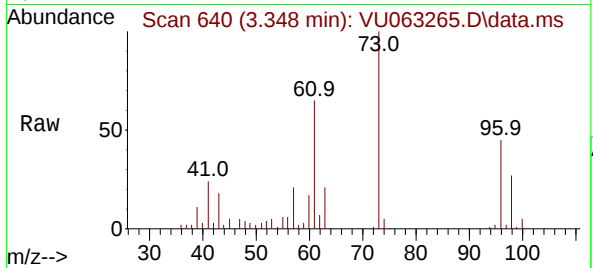
ClientSampleId :

Tgt Ion: 73 Resp: 65174

Ion Ratio Lower Upper

73 100

43 19.5 14.9 22.3



#26

Bromochloromethane

Concen: 2.201 ug/l

RT: 4.962 min Scan# 1142

Delta R.T. 0.003 min

Lab File: VU063265.D

Acq: 13 Feb 2025 14:07

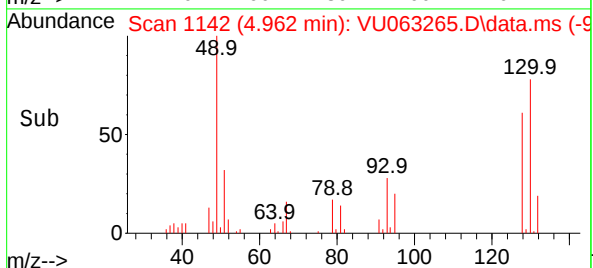
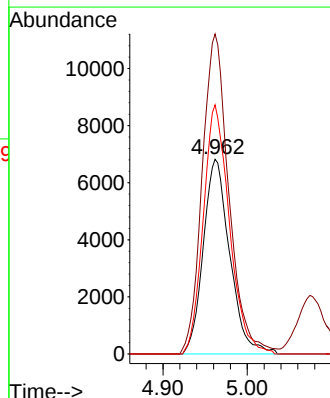
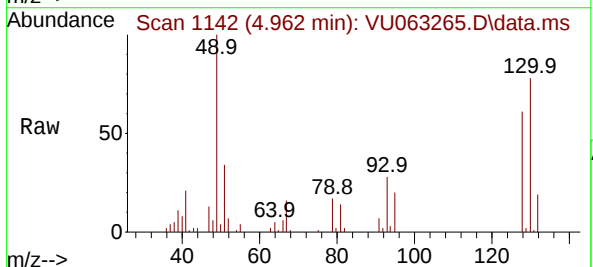
Tgt Ion: 128 Resp: 14924

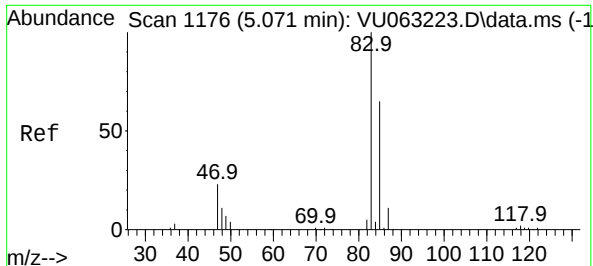
Ion Ratio Lower Upper

128 100

49 165.8 0.0 343.4

130 126.6 102.9 154.3

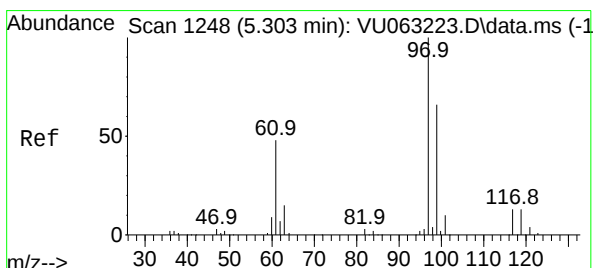
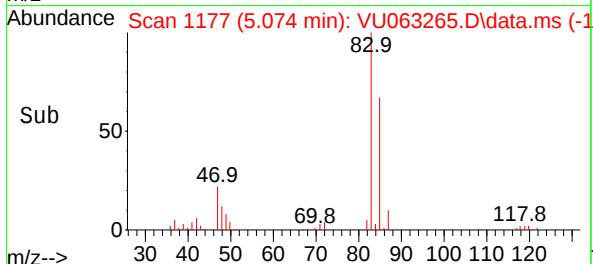
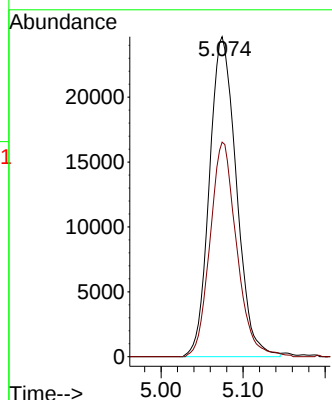
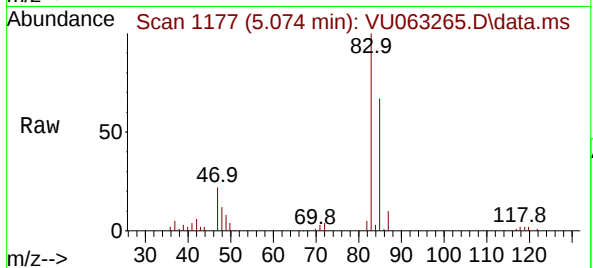




#27
Chloroform
Concen: 2.062 ug/l
RT: 5.074 min Scan# 1176
Delta R.T. 0.003 min
Lab File: VU063265.D
Acq: 13 Feb 2025 14:07

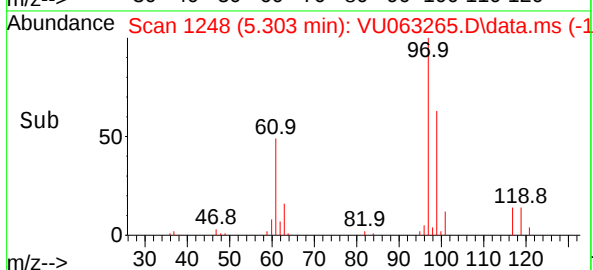
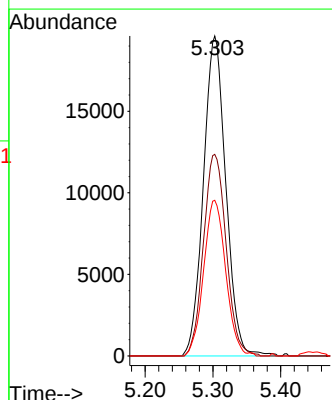
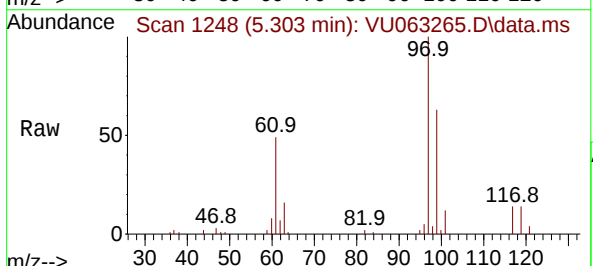
Instrument :
MSVOA_U
ClientSampleId :

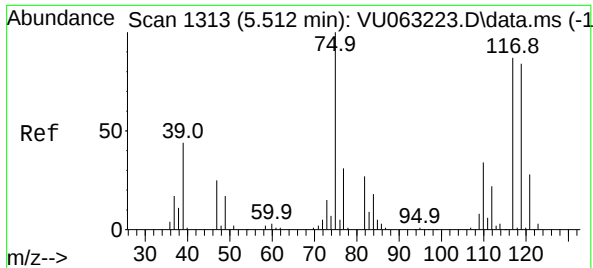
Tgt Ion: 83 Resp: 56318
Ion Ratio Lower Upper
83 100
85 67.0 0.0 129.8



#28
1,1,1-Trichloroethane
Concen: 2.039 ug/l
RT: 5.303 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VU063265.D
Acq: 13 Feb 2025 14:07

Tgt Ion: 97 Resp: 45123
Ion Ratio Lower Upper
97 100
99 63.7 32.4 97.0
61 47.8 23.8 71.2

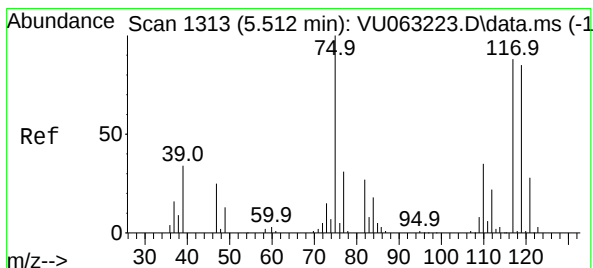
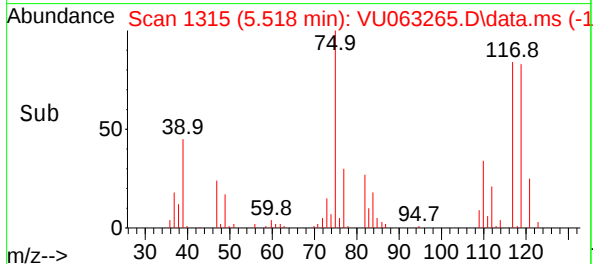
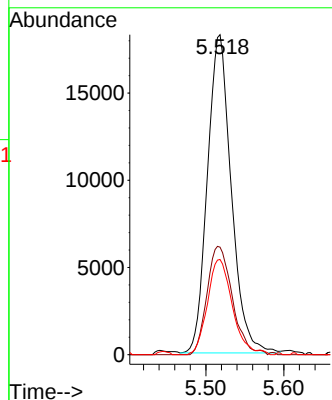
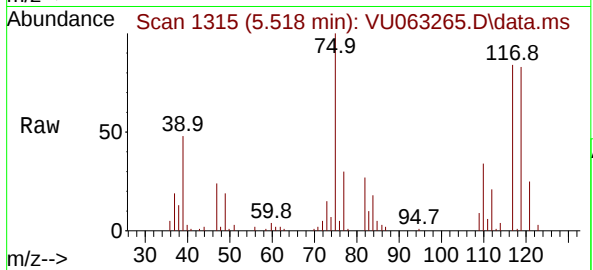




#29
1,1-Dichloropropene
Concen: 1.960 ug/l
RT: 5.518 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VU063265.D
Acq: 13 Feb 2025 14:07

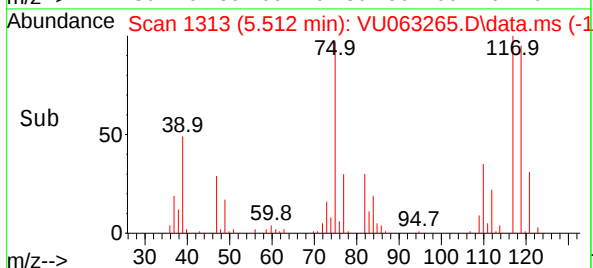
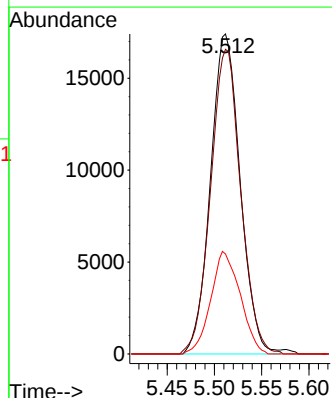
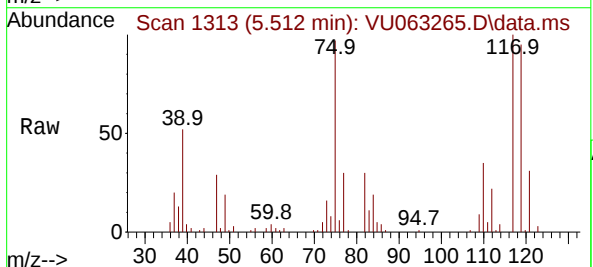
Instrument :
MSVOA_U
ClientSampleId :

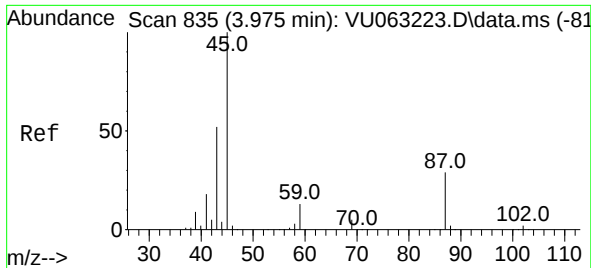
Tgt Ion: 75 Resp: 38847
Ion Ratio Lower Upper
75 100
110 36.1 17.2 51.5
77 31.3 24.6 37.0



#30
Carbon Tetrachloride
Concen: 2.001 ug/l
RT: 5.512 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VU063265.D
Acq: 13 Feb 2025 14:07

Tgt Ion: 117 Resp: 37973
Ion Ratio Lower Upper
117 100
119 95.2 76.7 115.1
121 31.2 25.5 38.3

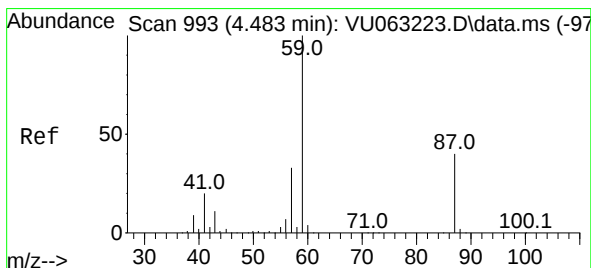
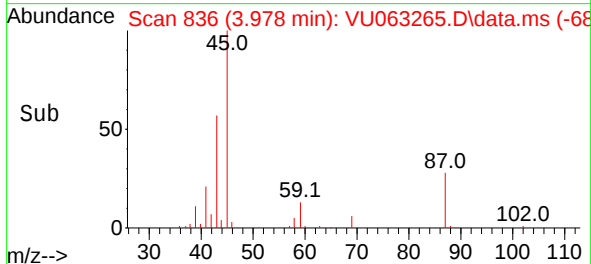
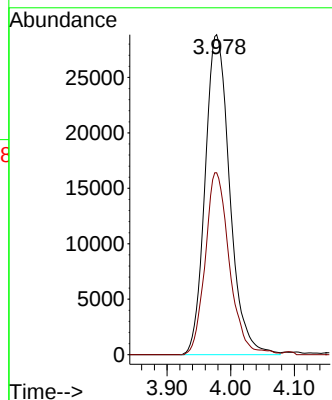
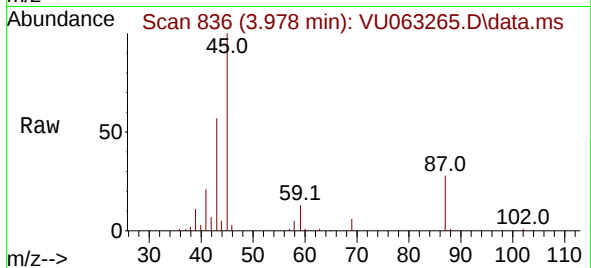




#31
Isopropyl Ether
Concen: 2.009 ug/l
RT: 3.978 min Scan# 836
Delta R.T. 0.003 min
Lab File: VU063265.D
Acq: 13 Feb 2025 14:07

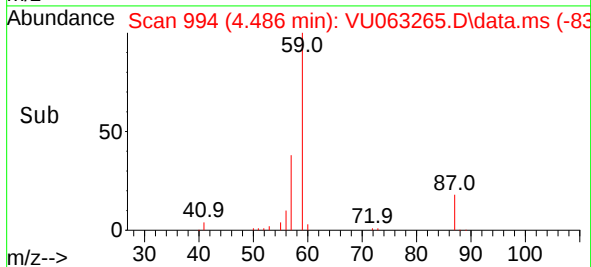
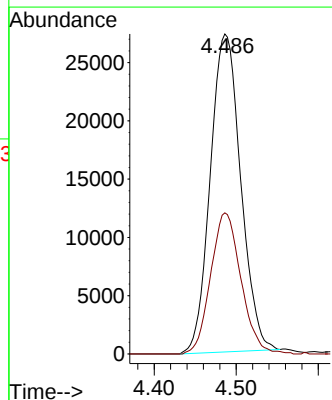
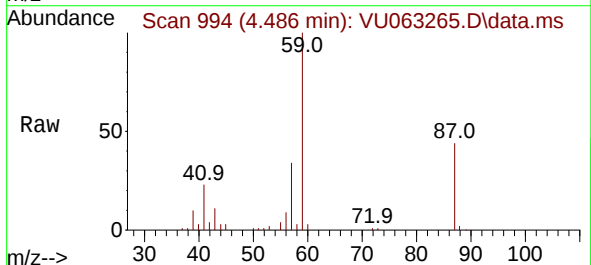
Instrument :
MSVOA_U
ClientSampleId :

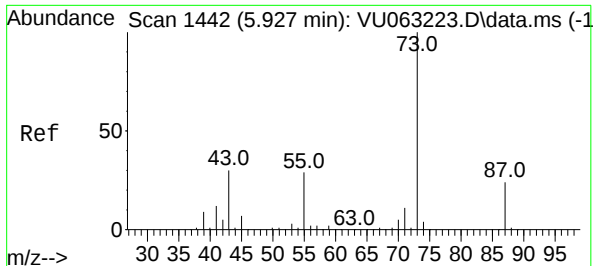
Tgt Ion: 45 Resp: 77646
Ion Ratio Lower Upper
45 100
43 55.9 25.7 77.1



#32
Ethyl-t-butyl ether
Concen: 2.003 ug/l
RT: 4.486 min Scan# 994
Delta R.T. 0.003 min
Lab File: VU063265.D
Acq: 13 Feb 2025 14:07

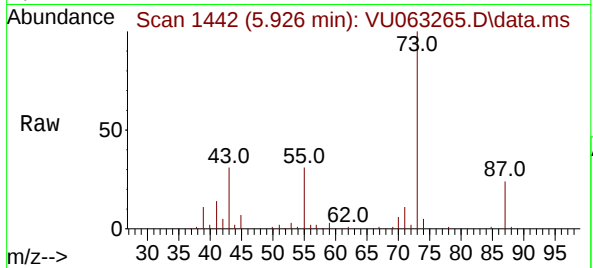
Tgt Ion: 59 Resp: 70372
Ion Ratio Lower Upper
59 100
87 44.3 32.6 49.0



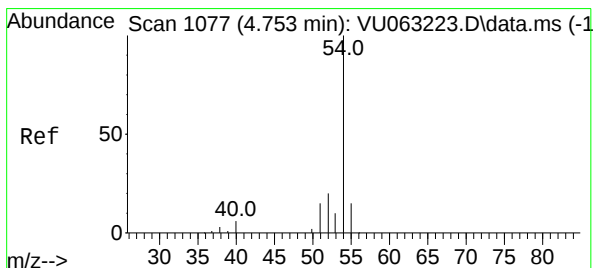
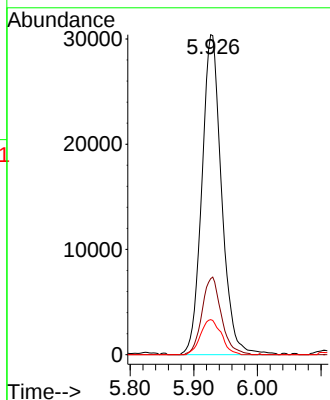
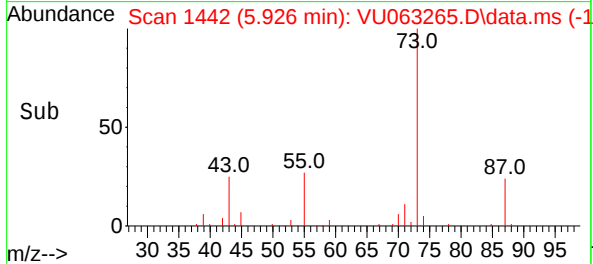


#33
Tert-Amyl methyl ether
Concen: 2.133 ug/l
RT: 5.926 min Scan# 1442
Delta R.T. -0.000 min
Lab File: VU063265.D
Acq: 13 Feb 2025 14:07

Instrument :
MSVOA_U
ClientSampleId :

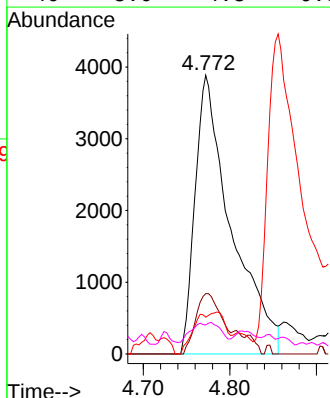
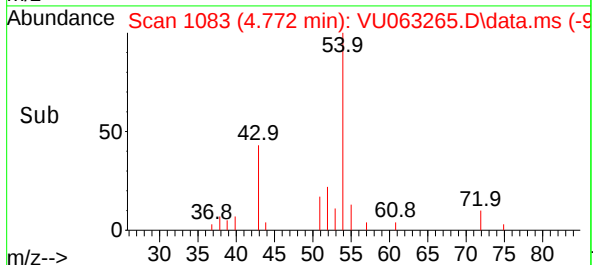
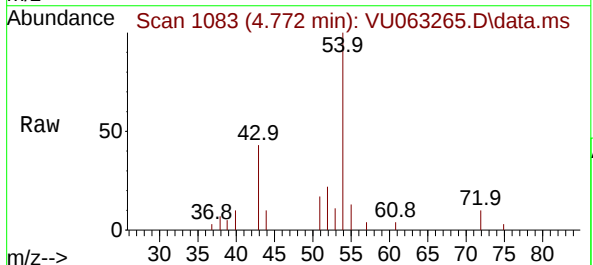


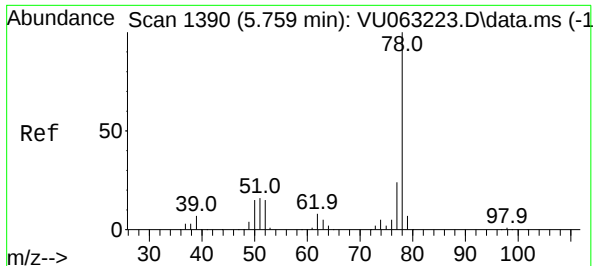
Tgt Ion: 73 Resp: 65478
Ion Ratio Lower Upper
73 100
87 23.8 18.9 28.3
71 11.6 9.0 13.4



#34
Propionitrile
Concen: 10.478 ug/l
RT: 4.772 min Scan# 1083
Delta R.T. 0.019 min
Lab File: VU063265.D
Acq: 13 Feb 2025 14:07

Tgt Ion: 54 Resp: 11223
Ion Ratio Lower Upper
54 100
52 15.5 16.3 24.5#
55 5.6 11.8 17.6#
40 3.0 4.3 6.5#





#35

Benzene

Concen: 2.069 ug/l

RT: 5.762 min Scan# 1391

Delta R.T. 0.003 min

Lab File: VU063265.D

Acq: 13 Feb 2025 14:07

Instrument :

MSVOA_U

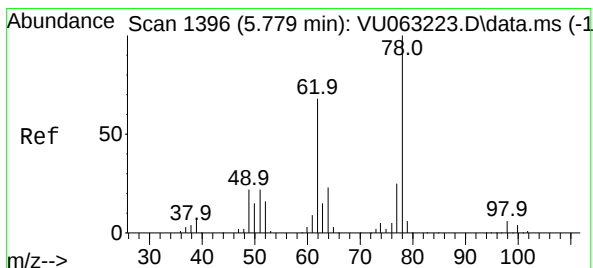
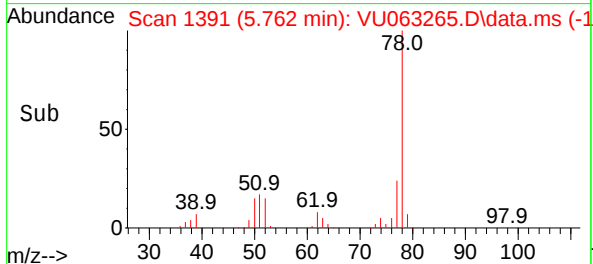
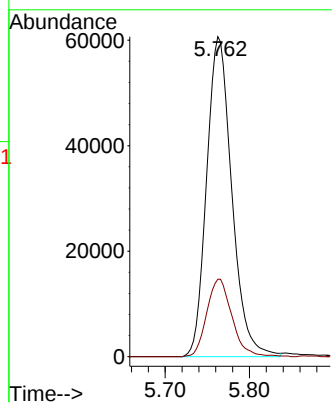
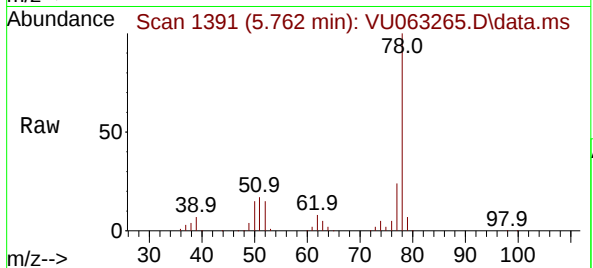
ClientSampleId :

Tgt Ion: 78 Resp: 126057

Ion Ratio Lower Upper

78 100

77 24.2 19.0 28.4



#36

1,2-Dichloroethane

Concen: 2.085 ug/l

RT: 5.785 min Scan# 1398

Delta R.T. 0.006 min

Lab File: VU063265.D

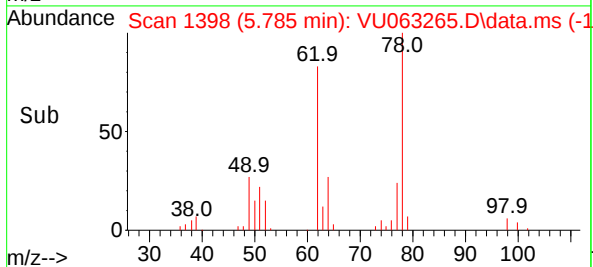
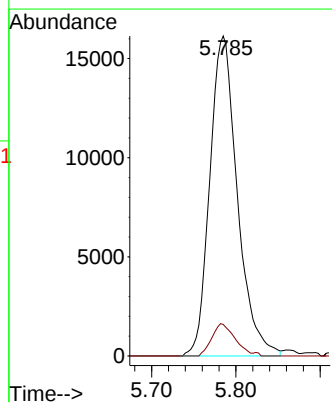
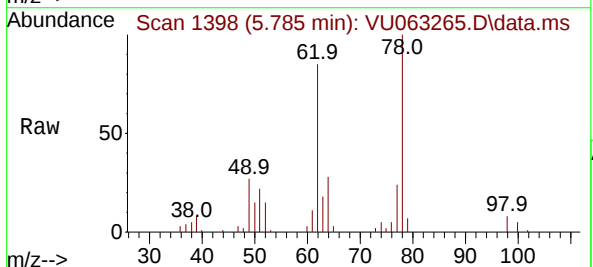
Acq: 13 Feb 2025 14:07

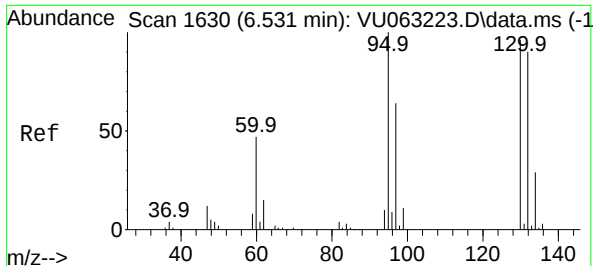
Tgt Ion: 62 Resp: 36673

Ion Ratio Lower Upper

62 100

98 8.6 6.9 10.3

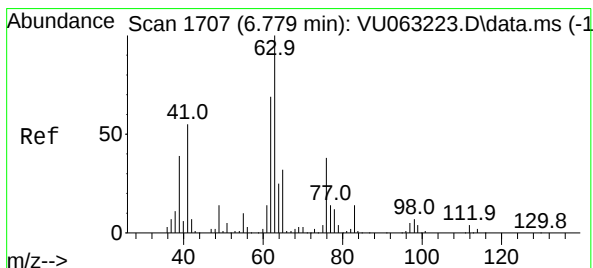
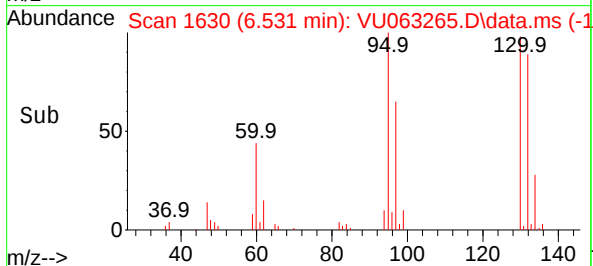
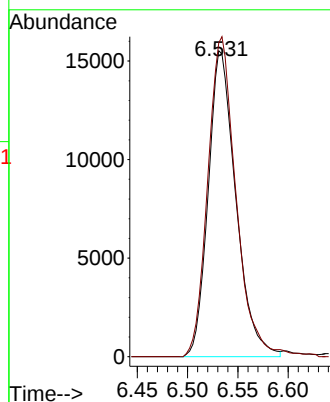
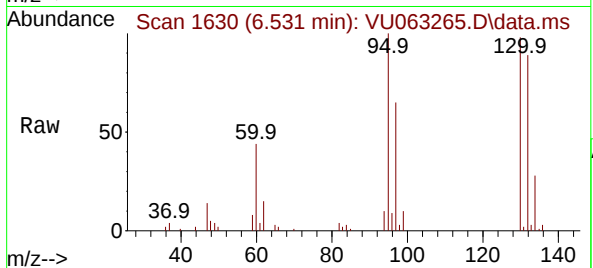




#37
Trichloroethene
Concen: 2.048 ug/l
RT: 6.531 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU063265.D
Acq: 13 Feb 2025 14:07

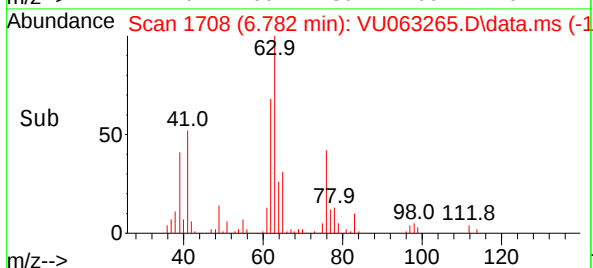
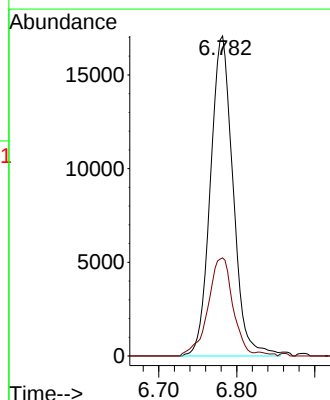
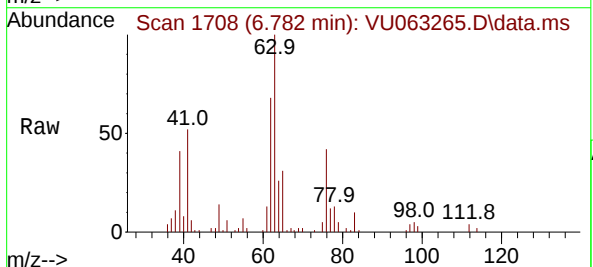
Instrument :
MSVOA_U
ClientSampleId :

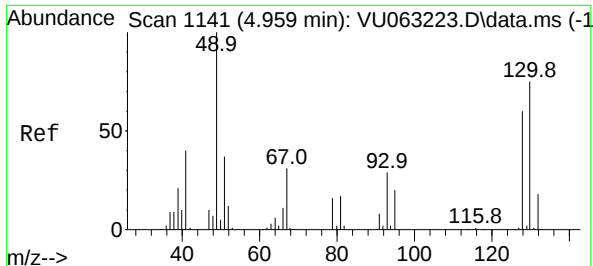
Tgt Ion:130 Resp: 29681
Ion Ratio Lower Upper
130 100
95 102.5 83.2 124.8



#38
1,2-Dichloropropane
Concen: 2.163 ug/l
RT: 6.782 min Scan# 1708
Delta R.T. 0.003 min
Lab File: VU063265.D
Acq: 13 Feb 2025 14:07

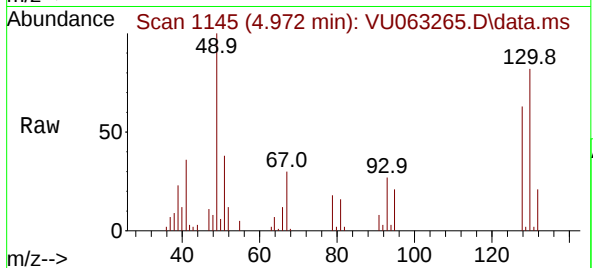
Tgt Ion: 63 Resp: 34503
Ion Ratio Lower Upper
63 100
65 30.7 25.3 37.9





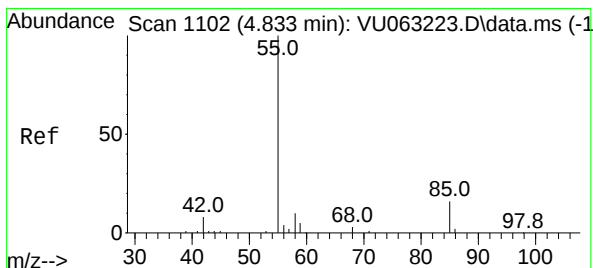
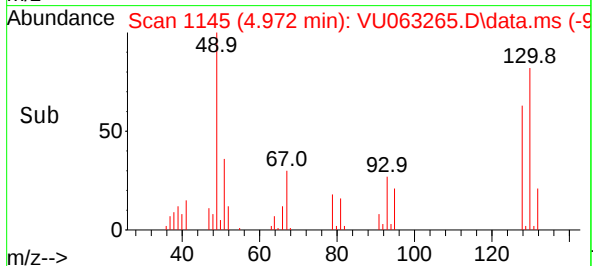
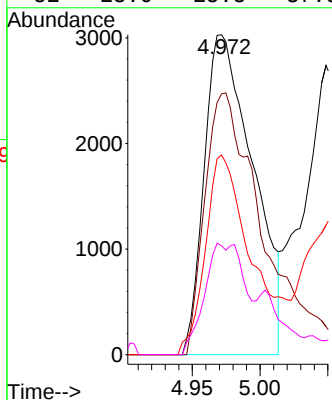
#39
Methacrylonitrile
Concen: 1.910 ug/l
RT: 4.972 min Scan# 1145
Delta R.T. 0.013 min
Lab File: VU063265.D
Acq: 13 Feb 2025 14:07

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 41 Resp: 7625

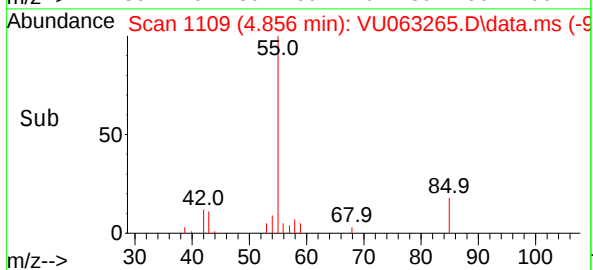
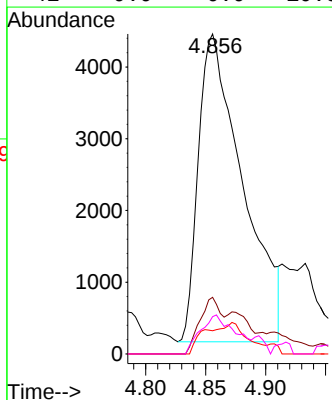
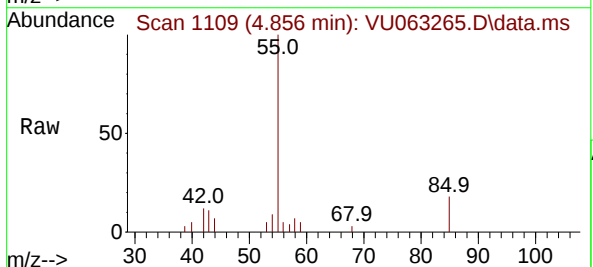
Ion	Ratio	Lower	Upper
41	100		
67	98.6	64.5	96.7#
39	60.3	43.0	64.6
52	28.0	25.3	37.9

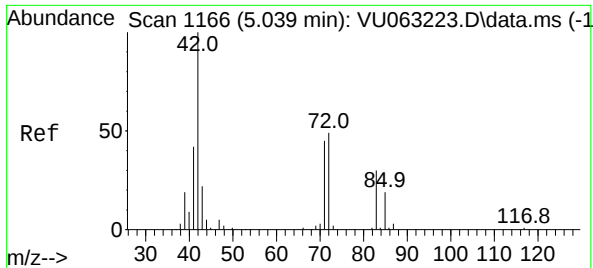


#40
Methyl acrylate
Concen: 1.498 ug/l
RT: 4.856 min Scan# 1109
Delta R.T. 0.022 min
Lab File: VU063265.D
Acq: 13 Feb 2025 14:07

Tgt Ion: 55 Resp: 11024

Ion	Ratio	Lower	Upper
55	100		
85	0.0	13.3	19.9#
58	3.0	7.3	10.9#
42	9.9	6.9	10.3

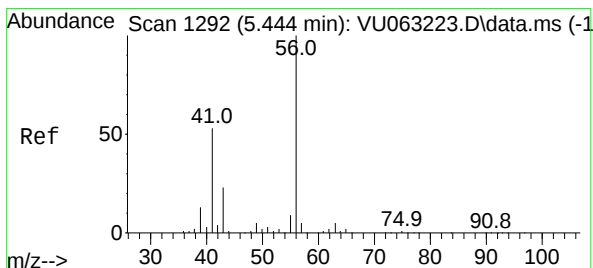
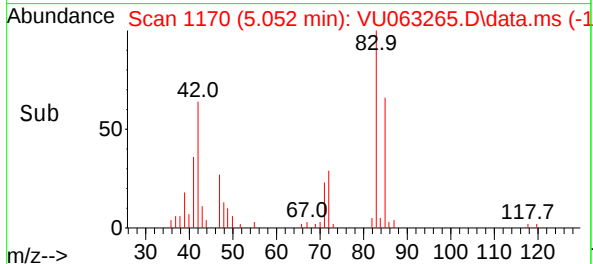
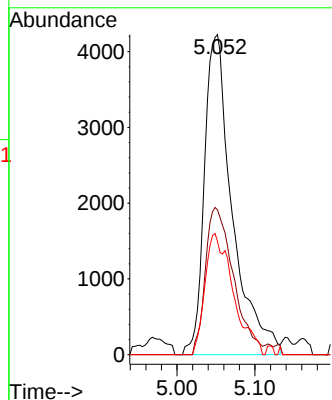
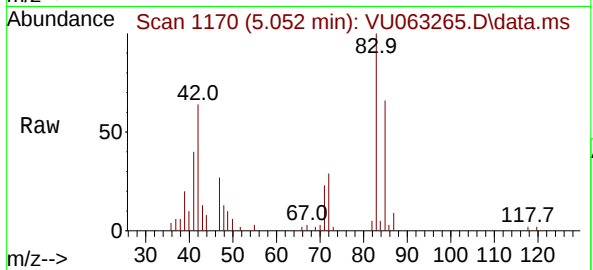




#41
Tetrahydrofuran
Concen: 4.534 ug/l
RT: 5.052 min Scan# 1166
Delta R.T. 0.013 min
Lab File: VU063265.D
Acq: 13 Feb 2025 14:07

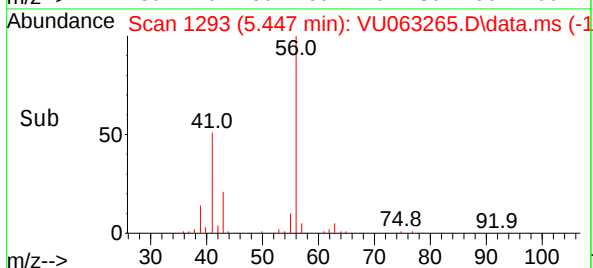
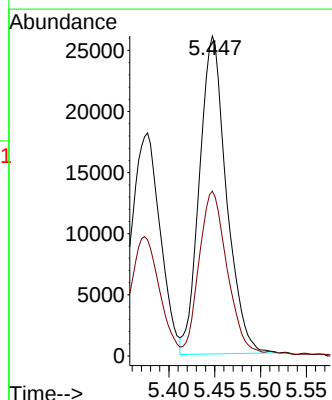
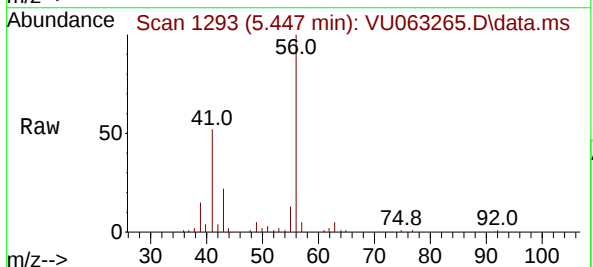
Instrument :
MSVOA_U
ClientSampleId :

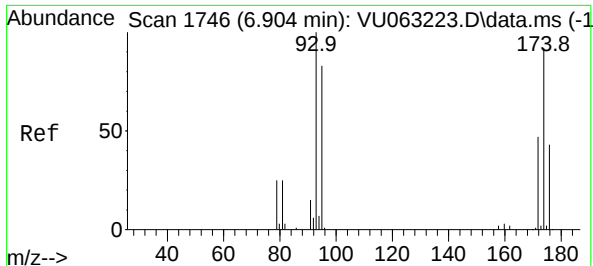
Tgt Ion: 42 Resp: 10526
Ion Ratio Lower Upper
42 100
72 46.2 41.5 62.3
71 38.2 37.2 55.8



#42
1-Chlorobutane
Concen: 1.964 ug/l
RT: 5.447 min Scan# 1293
Delta R.T. 0.003 min
Lab File: VU063265.D
Acq: 13 Feb 2025 14:07

Tgt Ion: 56 Resp: 53258
Ion Ratio Lower Upper
56 100
41 52.2 26.3 78.8





#43

Dibromomethane

Concen: 2.071 ug/l

RT: 6.910 min Scan# 1

Delta R.T. 0.006 min

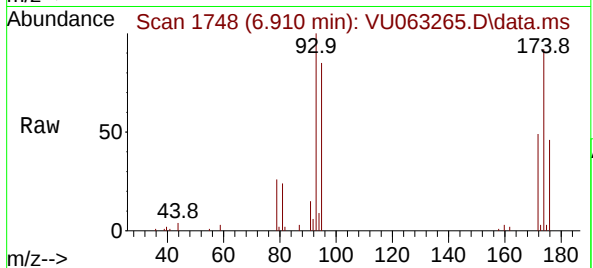
Lab File: VU063265.D

Acq: 13 Feb 2025 14:07

Instrument :

MSVOA_U

ClientSampleId :



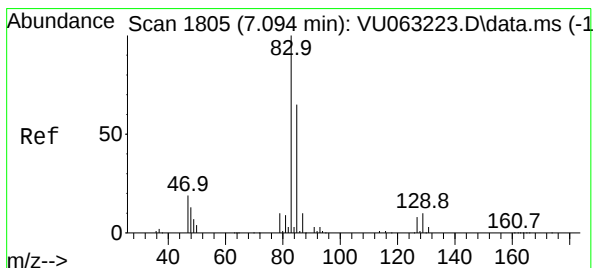
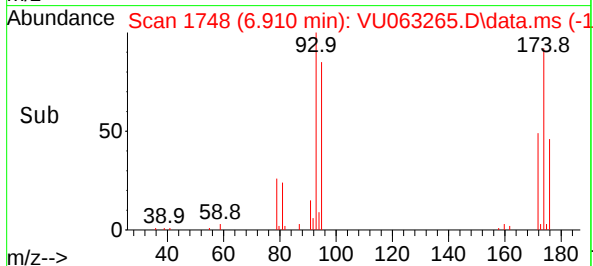
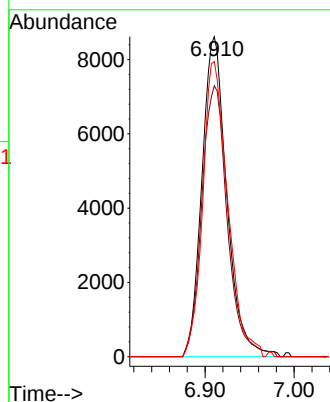
Tgt Ion: 93 Resp: 16724

Ion Ratio Lower Upper

93 100

95 87.4 67.2 100.8

174 92.7 75.7 113.5



#44

Bromodichloromethane

Concen: 2.150 ug/l

RT: 7.097 min Scan# 1806

Delta R.T. 0.003 min

Lab File: VU063265.D

Acq: 13 Feb 2025 14:07

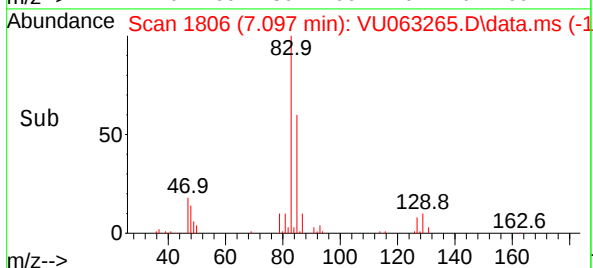
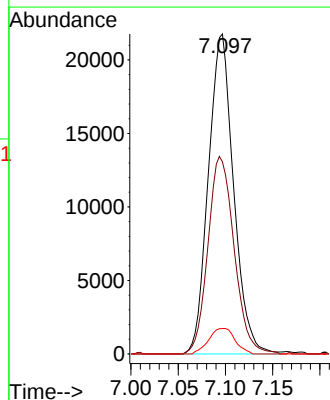
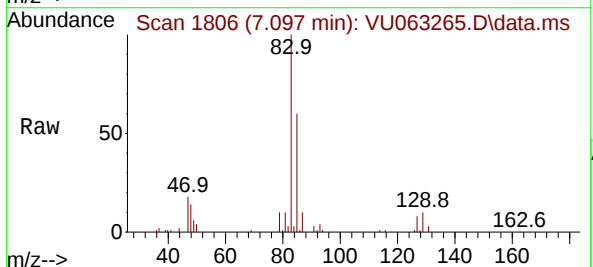
Tgt Ion: 83 Resp: 40407

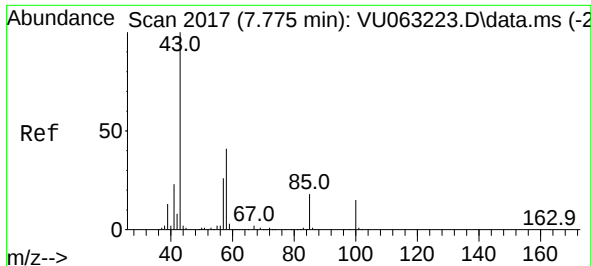
Ion Ratio Lower Upper

83 100

85 60.0 51.7 77.5

127 8.0 6.7 10.1





#45

4-Methyl-2-Pentanone

Concen: 10.187 ug/l

RT: 7.778 min Scan# 2017

Delta R.T. 0.003 min

Lab File: VU063265.D

Acq: 13 Feb 2025 14:07

Instrument :

MSVOA_U

ClientSampleId :

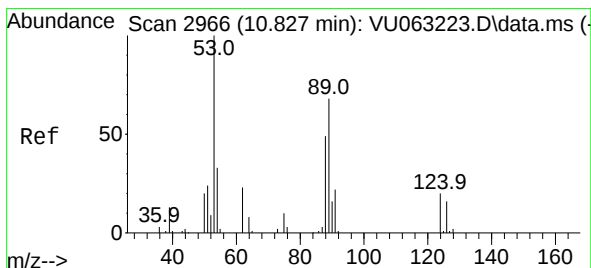
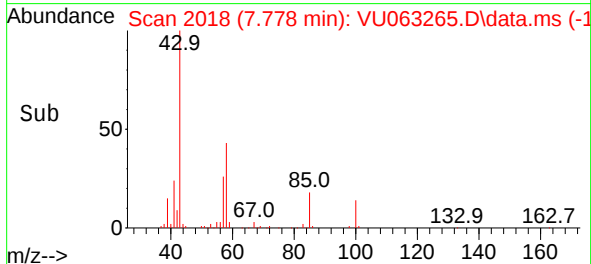
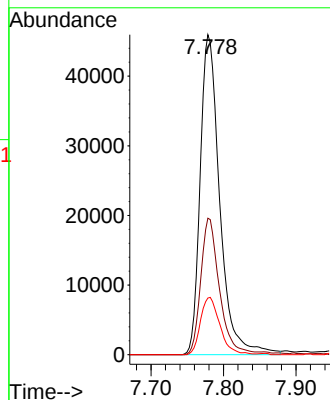
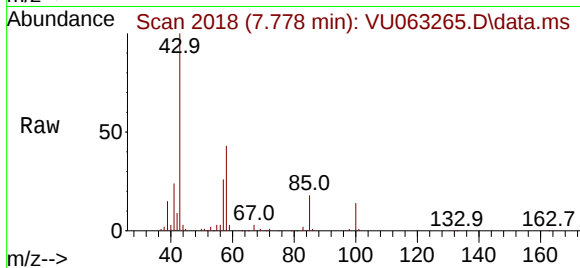
Tgt Ion: 43 Resp: 86255

Ion Ratio Lower Upper

43 100

58 40.6 20.8 62.5

85 17.8 14.8 22.2



#46

t-1,4-Dichloro-2-butene

Concen: 8.421 ug/l

RT: 10.814 min Scan# 2962

Delta R.T. -0.013 min

Lab File: VU063265.D

Acq: 13 Feb 2025 14:07

Tgt Ion: 75 Resp: 33518

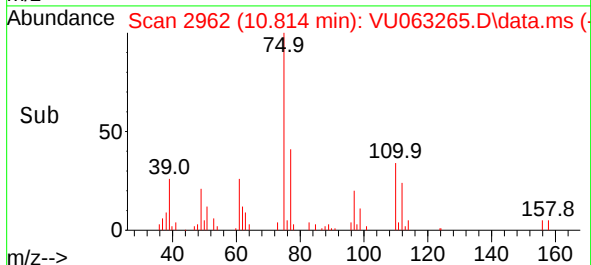
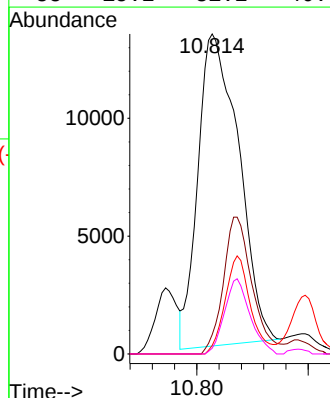
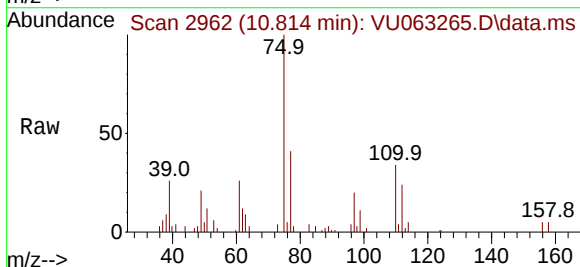
Ion Ratio Lower Upper

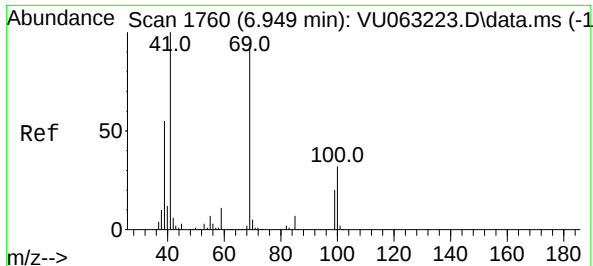
75 100

53 31.4 64.5 96.7#

89 19.7 43.4 65.2#

88 15.2 31.2 46.8#





#47

Methyl methacrylate

Concen: 4.145 ug/l

RT: 6.952 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063265.D

Acq: 13 Feb 2025 14:07

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 69 Resp: 28196

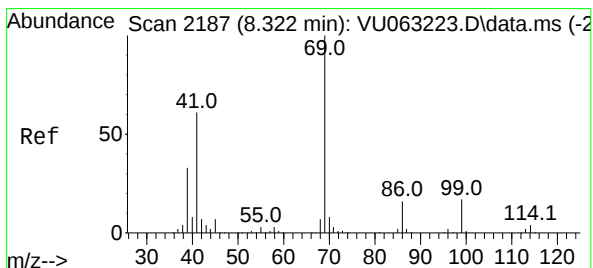
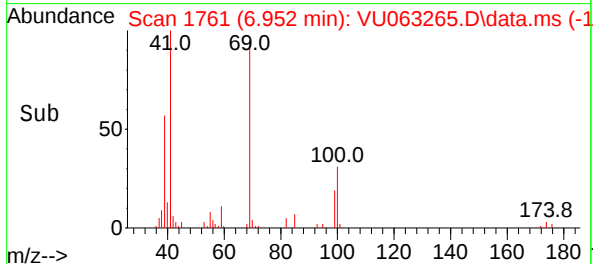
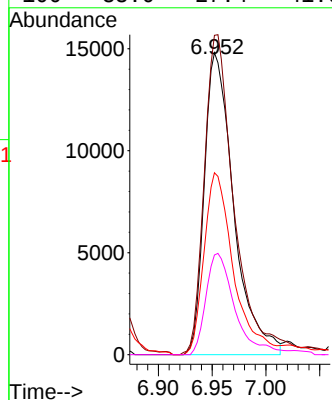
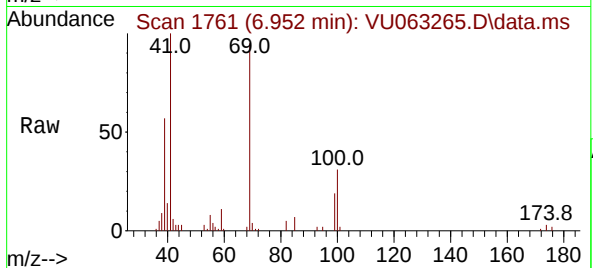
Ion Ratio Lower Upper

69 100

41 108.2 0.0 217.0

39 60.3 47.7 71.5

100 33.0 27.4 41.0



#48

Ethyl methacrylate

Concen: 2.068 ug/l

RT: 8.325 min Scan# 2188

Delta R.T. 0.003 min

Lab File: VU063265.D

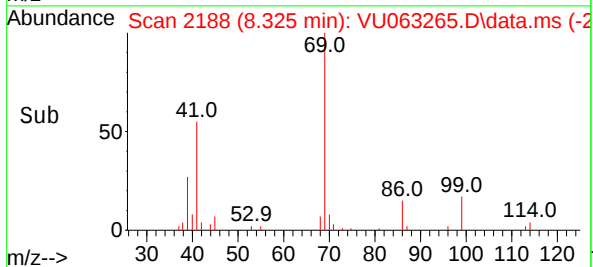
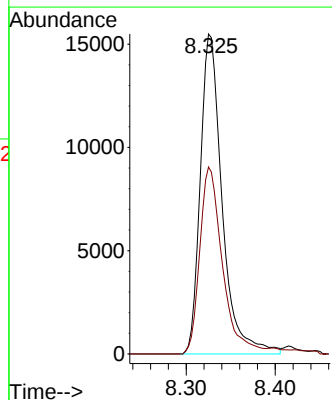
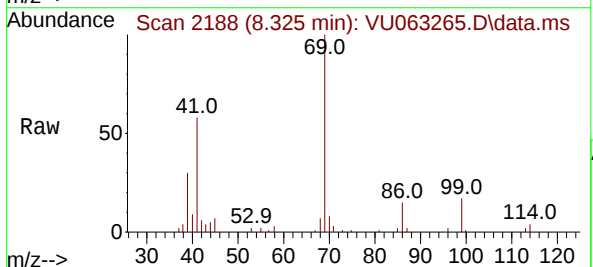
Acq: 13 Feb 2025 14:07

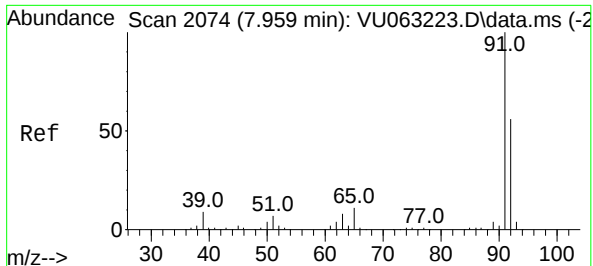
Tgt Ion: 69 Resp: 26421

Ion Ratio Lower Upper

69 100

41 60.5 30.6 92.0





#49

Toluene

Concen: 2.059 ug/l

RT: 7.959 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VU063265.D

Acq: 13 Feb 2025 14:07

Instrument :

MSVOA_U

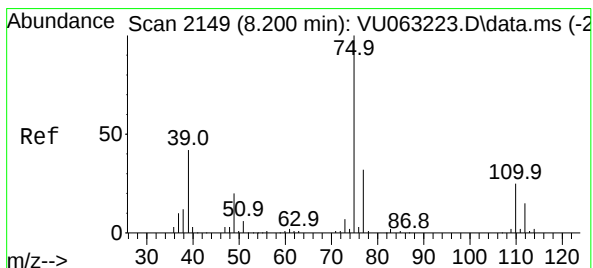
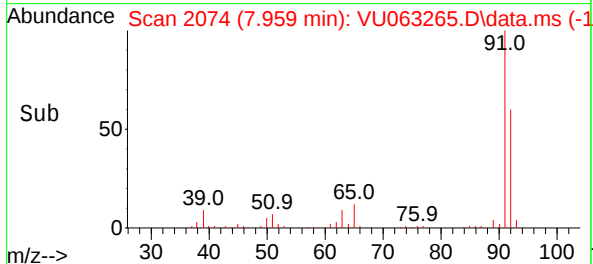
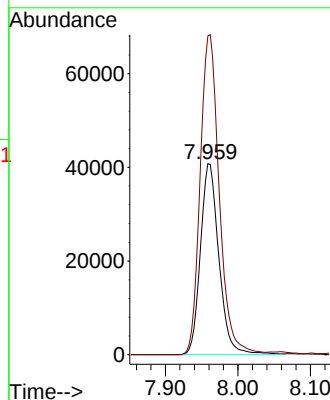
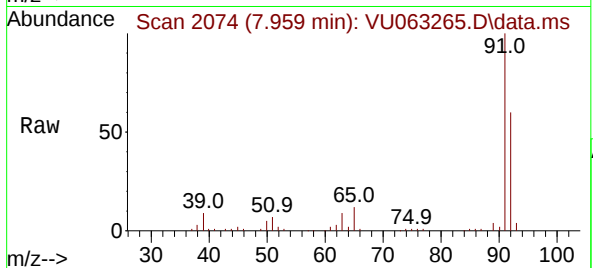
ClientSampleId :

Tgt Ion: 92 Resp: 72167

Ion Ratio Lower Upper

92 100

91 173.2 141.8 212.6



#50

t-1,3-Dichloropropene

Concen: 2.046 ug/l

RT: 8.203 min Scan# 2150

Delta R.T. 0.003 min

Lab File: VU063265.D

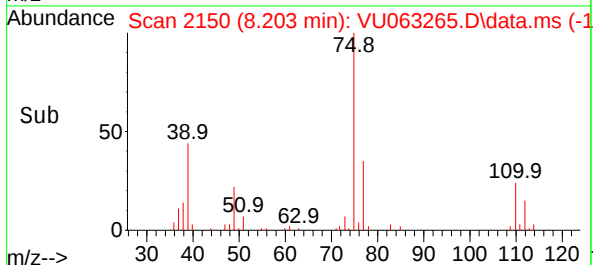
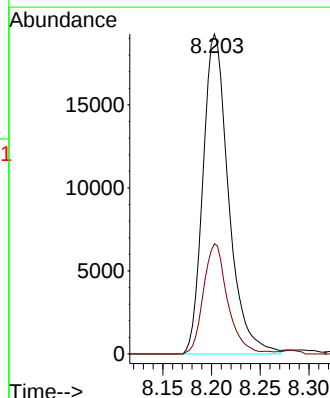
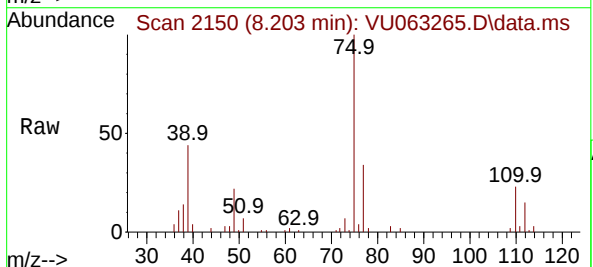
Acq: 13 Feb 2025 14:07

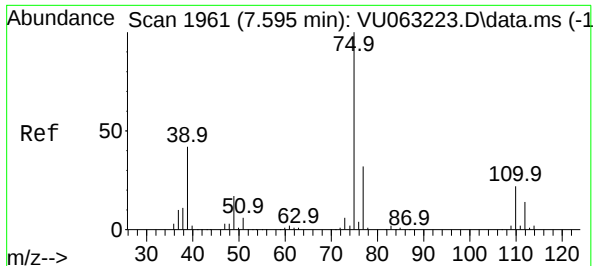
Tgt Ion: 75 Resp: 35210

Ion Ratio Lower Upper

75 100

77 34.5 25.9 38.9





#51

cis-1,3-Dichloropropene

Concen: 2.010 ug/l

RT: 7.598 min Scan# 1961

Delta R.T. 0.003 min

Lab File: VU063265.D

Acq: 13 Feb 2025 14:07

Instrument :

MSVOA_U

ClientSampleId :

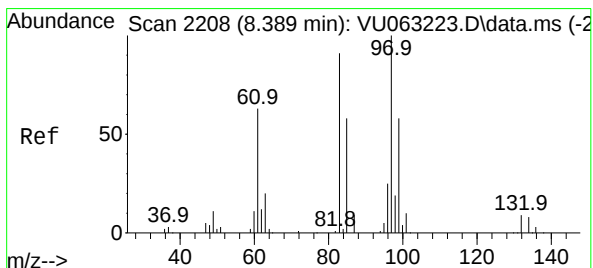
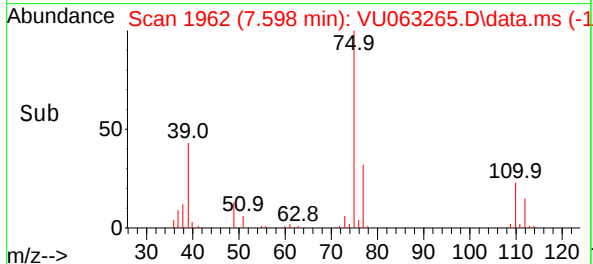
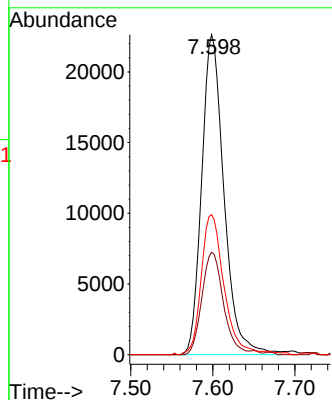
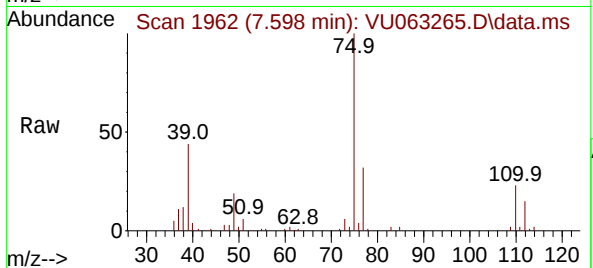
Tgt Ion: 75 Resp: 42724

Ion Ratio Lower Upper

75 100

77 32.0 25.3 37.9

39 43.8 33.5 50.3



#52

1,1,2-Trichloroethane

Concen: 2.167 ug/l

RT: 8.389 min Scan# 2208

Delta R.T. -0.000 min

Lab File: VU063265.D

Acq: 13 Feb 2025 14:07

Tgt Ion: 97 Resp: 23596

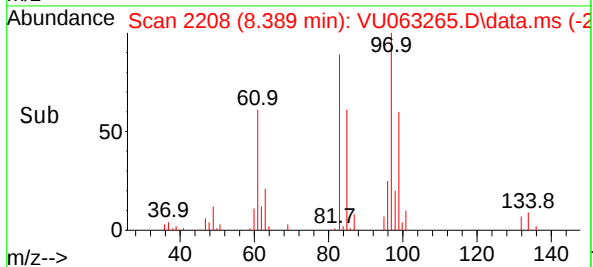
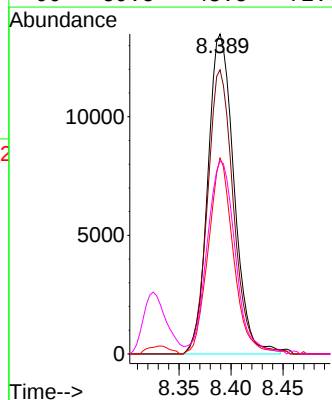
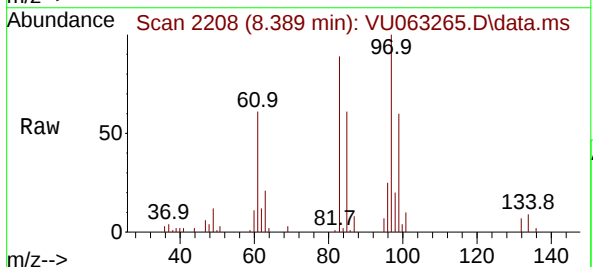
Ion Ratio Lower Upper

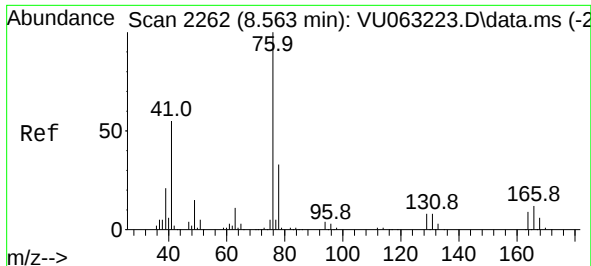
97 100

83 88.8 73.0 109.4

85 61.2 46.3 69.5

99 59.5 48.5 72.7





#53

1,3-Dichloropropane

Concen: 2.133 ug/l

RT: 8.566 min Scan# 2262

Delta R.T. 0.003 min

Lab File: VU063265.D

Acq: 13 Feb 2025 14:07

Instrument :

MSVOA_U

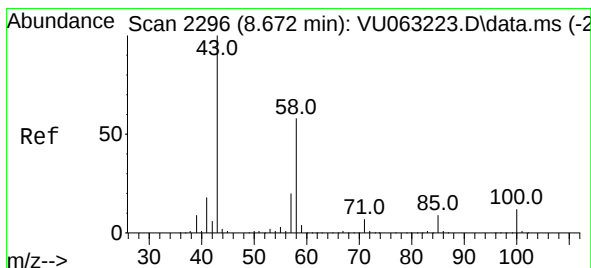
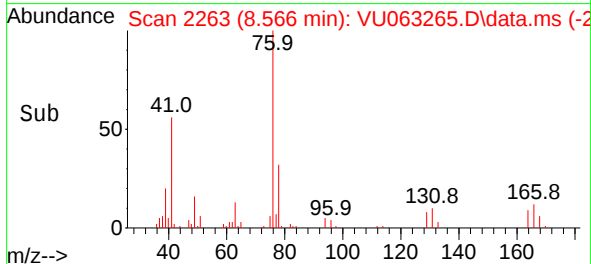
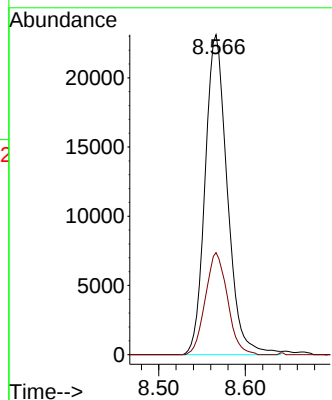
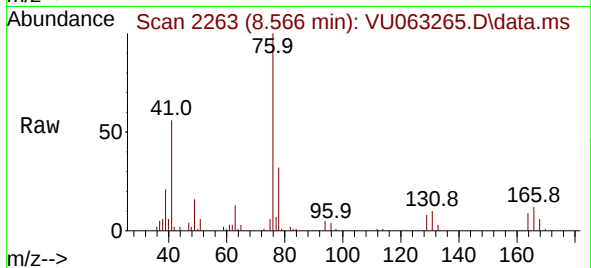
ClientSampleId :

Tgt Ion: 76 Resp: 41240

Ion Ratio Lower Upper

76 100

78 31.8 26.3 39.5



#54

2-Hexanone

Concen: 9.997 ug/l

RT: 8.676 min Scan# 2297

Delta R.T. 0.003 min

Lab File: VU063265.D

Acq: 13 Feb 2025 14:07

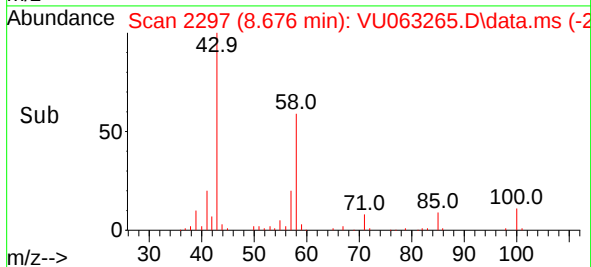
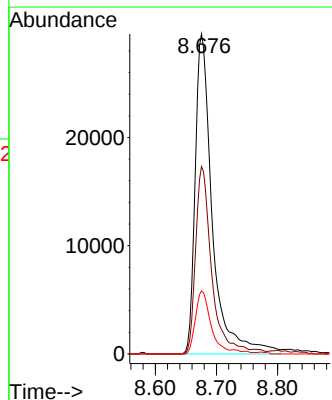
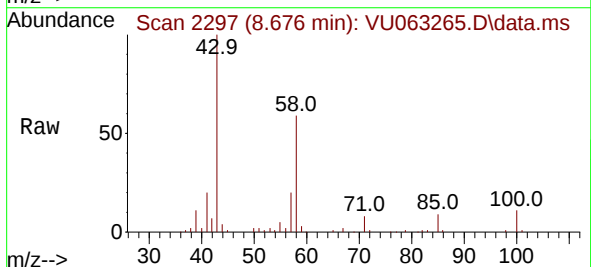
Tgt Ion: 43 Resp: 57763

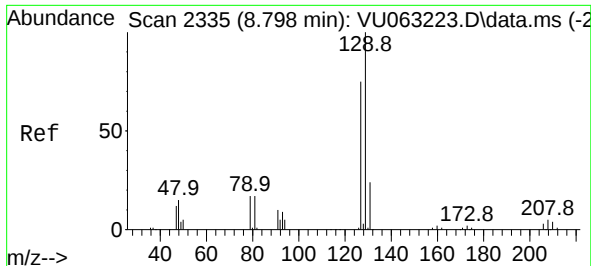
Ion Ratio Lower Upper

43 100

58 54.4 38.0 78.0

57 17.6 0.0 39.1





#55

Dibromochloromethane

Concen: 2.101 ug/l

RT: 8.798 min Scan# 2335

Delta R.T. -0.000 min

Lab File: VU063265.D

Acq: 13 Feb 2025 14:07

Instrument :

MSVOA_U

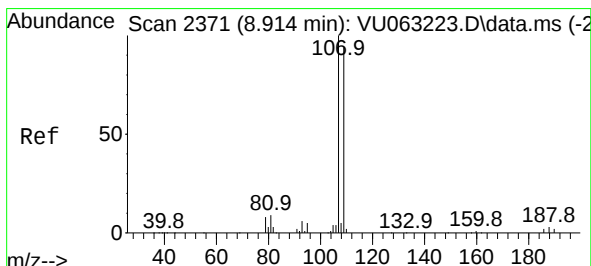
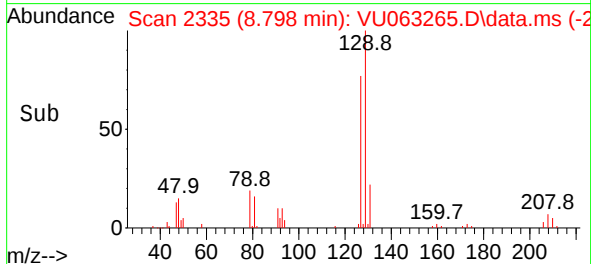
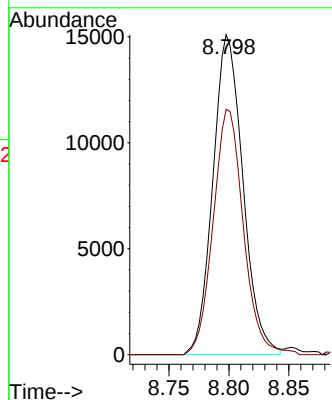
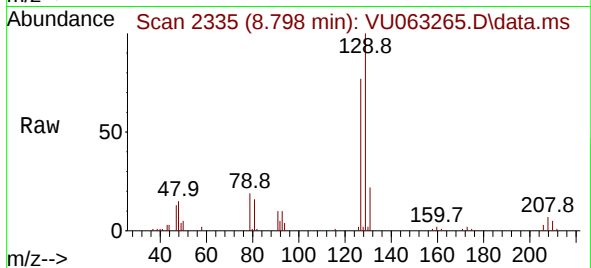
ClientSampleId :

Tgt Ion:129 Resp: 26319

Ion Ratio Lower Upper

129 100

127 77.1 60.4 90.6



#56

1,2-Dibromoethane

Concen: 2.148 ug/l

RT: 8.913 min Scan# 2371

Delta R.T. -0.000 min

Lab File: VU063265.D

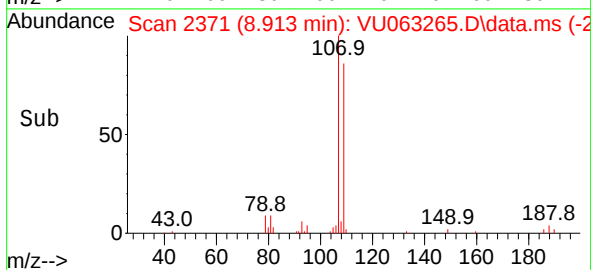
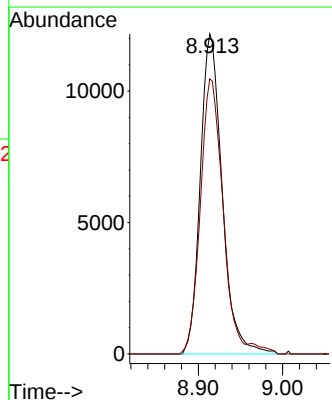
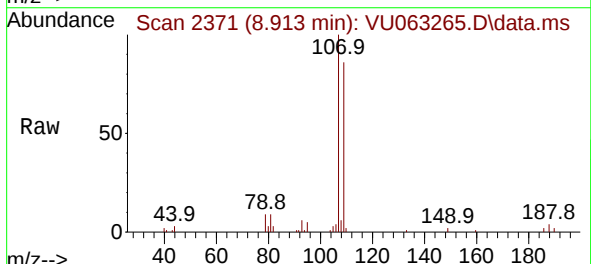
Acq: 13 Feb 2025 14:07

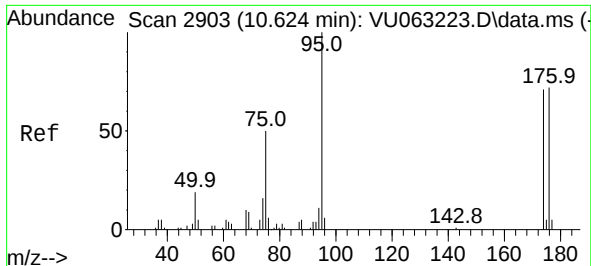
Tgt Ion:107 Resp: 21940

Ion Ratio Lower Upper

107 100

109 88.1 0.0 187.8





#57

4-Bromofluorobenzene

Concen: 1.054 ug/l

RT: 10.624 min Scan# 2903

Delta R.T. -0.000 min

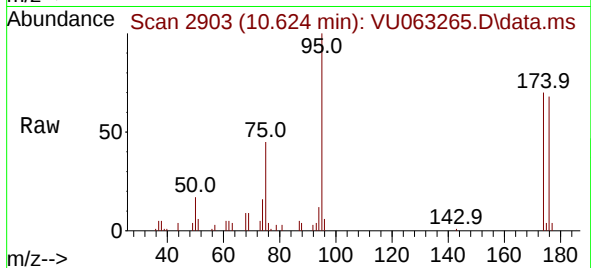
Lab File: VU063265.D

Acq: 13 Feb 2025 14:07

Instrument :

MSVOA_U

ClientSampleId :



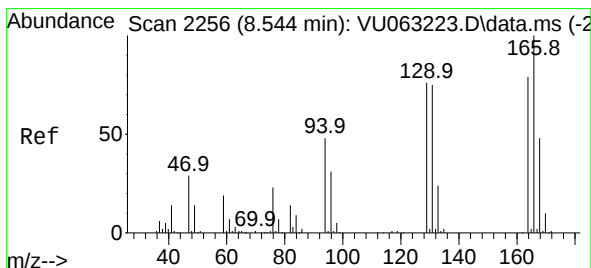
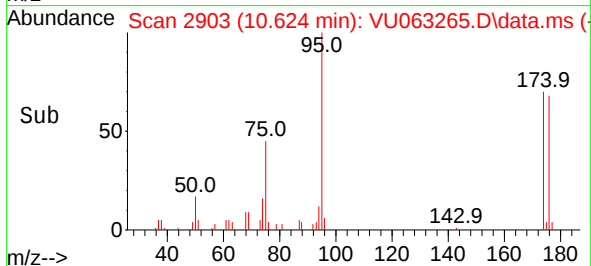
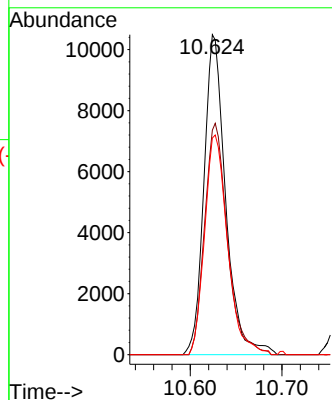
Tgt Ion: 95 Resp: 17236

Ion Ratio Lower Upper

95 100

174 76.0 58.6 88.0

176 72.9 58.2 87.4



#58

Tetrachloroethene

Concen: 1.967 ug/l

RT: 8.544 min Scan# 2256

Delta R.T. -0.000 min

Lab File: VU063265.D

Acq: 13 Feb 2025 14:07

Tgt Ion: 164 Resp: 23494

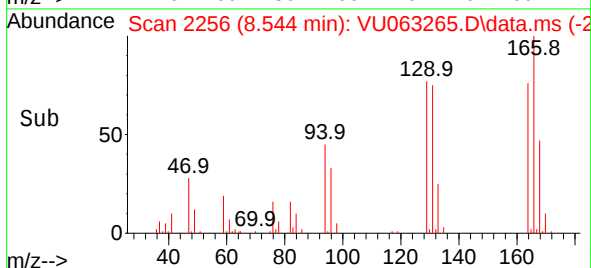
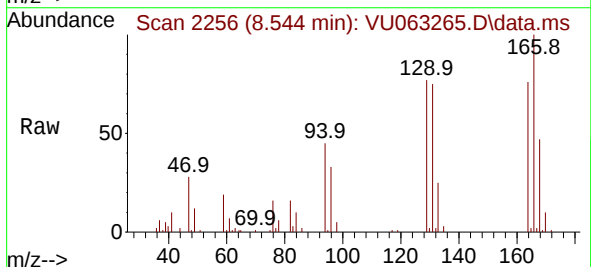
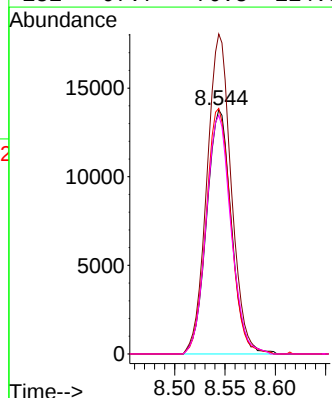
Ion Ratio Lower Upper

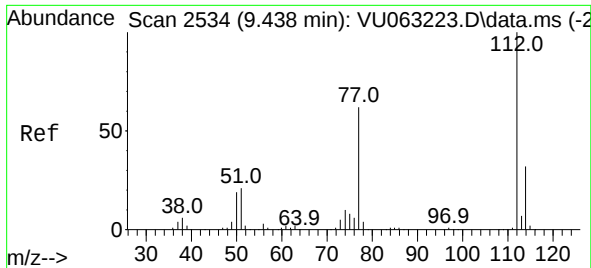
164 100

166 131.0 101.4 152.0

129 100.5 77.0 115.4

131 97.7 76.3 114.5





#59

Chlorobenzene

Concen: 2.085 ug/l

RT: 9.441 min Scan# 2535

Delta R.T. 0.003 min

Lab File: VU063265.D

Acq: 13 Feb 2025 14:07

Instrument :

MSVOA_U

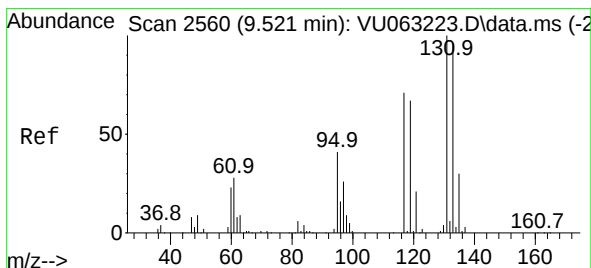
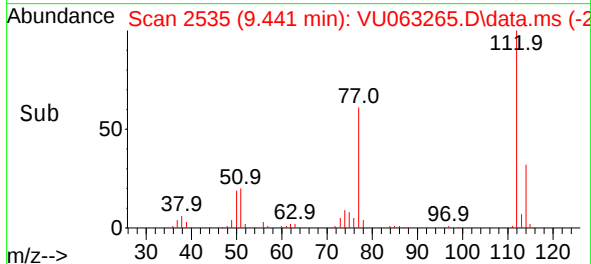
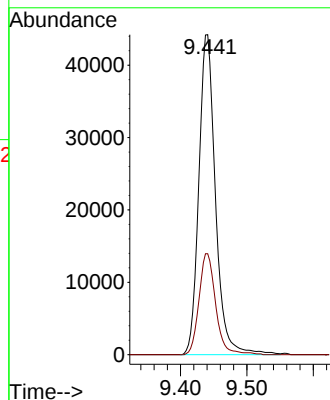
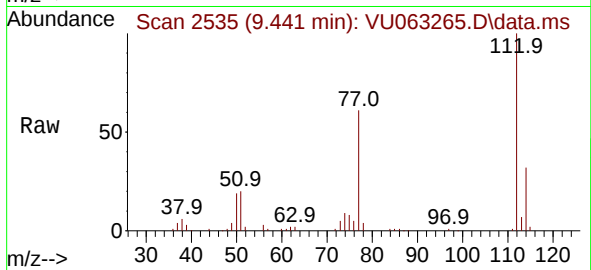
ClientSampleId :

Tgt Ion:112 Resp: 77094

Ion Ratio Lower Upper

112 100

114 31.5 25.7 38.5



#60

1,1,1,2-Tetrachloroethane

Concen: 2.095 ug/l

RT: 9.524 min Scan# 2561

Delta R.T. 0.003 min

Lab File: VU063265.D

Acq: 13 Feb 2025 14:07

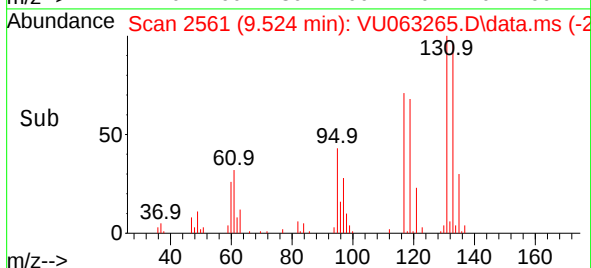
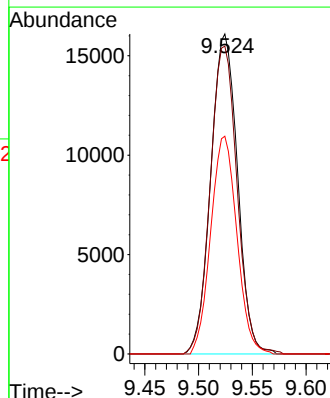
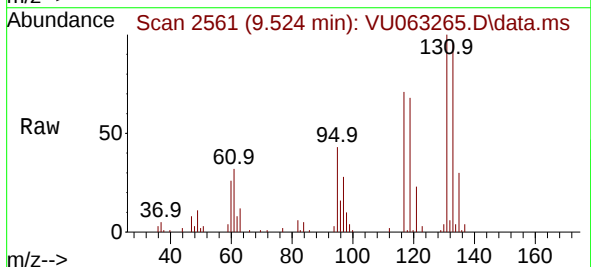
Tgt Ion:131 Resp: 27849

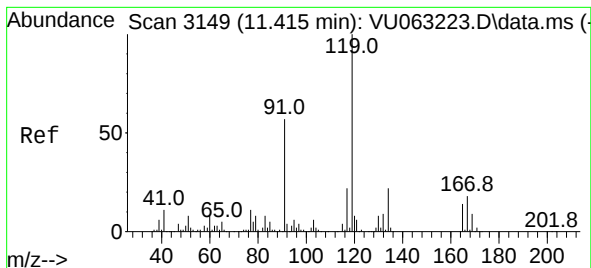
Ion Ratio Lower Upper

131 100

133 96.5 76.7 115.1

119 66.5 54.4 81.6

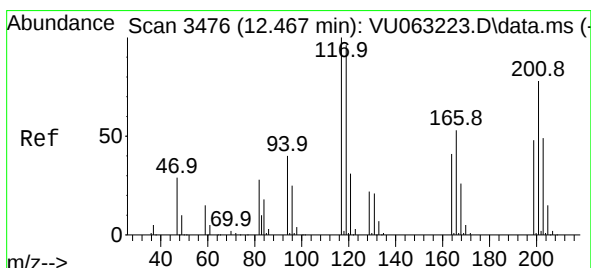
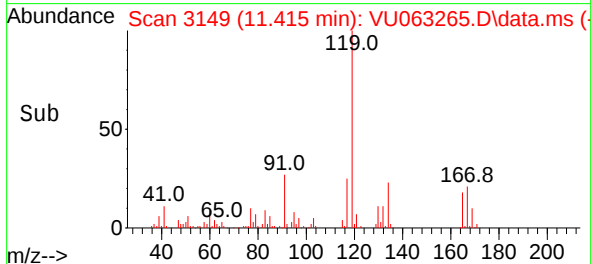
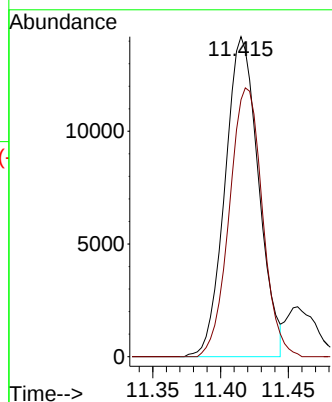
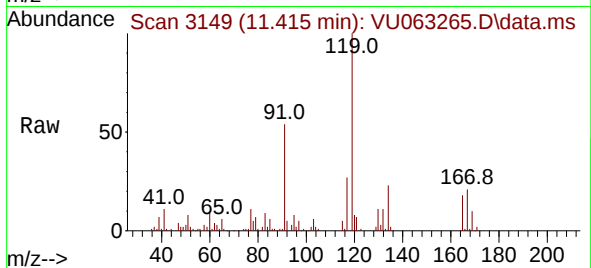




#61
Pentachloroethane
Concen: 2.059 ug/l
RT: 11.415 min Scan# 3149
Delta R.T. -0.000 min
Lab File: VU063265.D
Acq: 13 Feb 2025 14:07

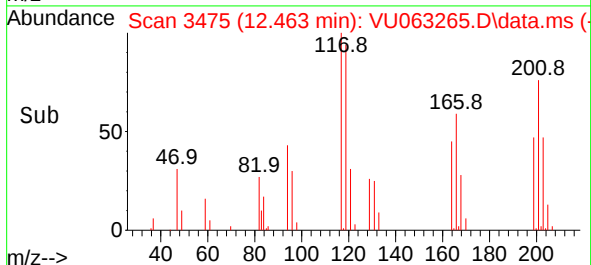
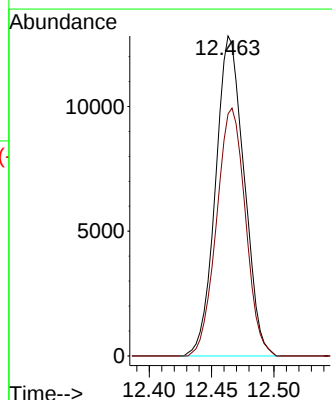
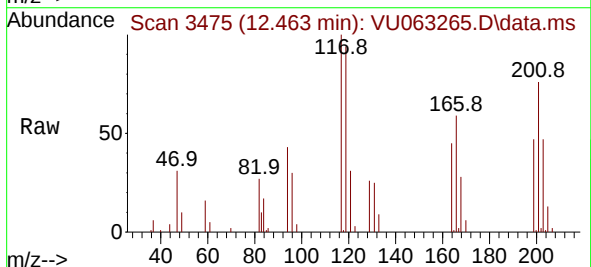
Instrument :
MSVOA_U
ClientSampleId :

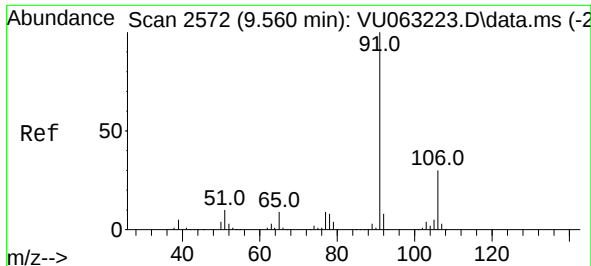
Tgt Ion:117 Resp: 24447
Ion Ratio Lower Upper
117 100
167 82.6 65.0 97.6



#62
Hexachloroethane
Concen: 1.950 ug/l
RT: 12.463 min Scan# 3475
Delta R.T. -0.003 min
Lab File: VU063265.D
Acq: 13 Feb 2025 14:07

Tgt Ion:117 Resp: 20482
Ion Ratio Lower Upper
117 100
201 78.3 61.3 91.9





#63

Ethyl Benzene

Concen: 1.942 ug/l

RT: 9.560 min Scan# 2572

Delta R.T. -0.000 min

Lab File: VU063265.D

Acq: 13 Feb 2025 14:07

Instrument :

MSVOA_U

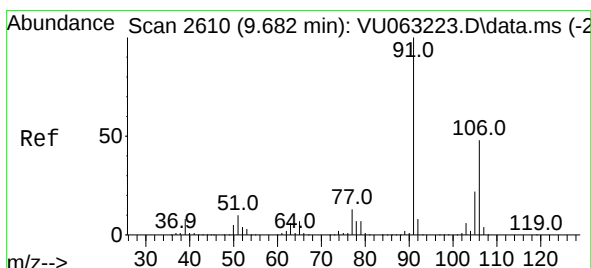
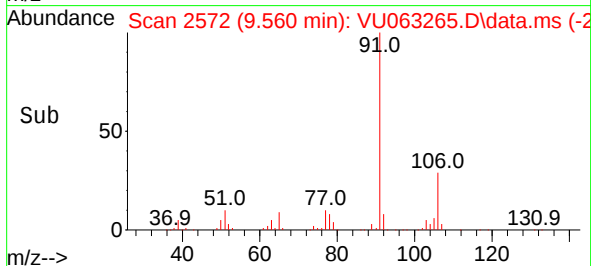
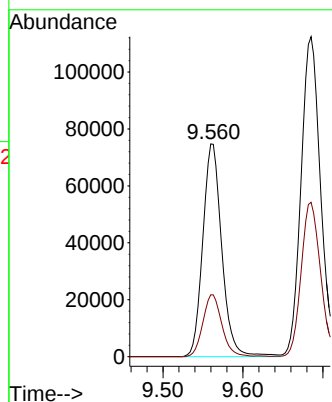
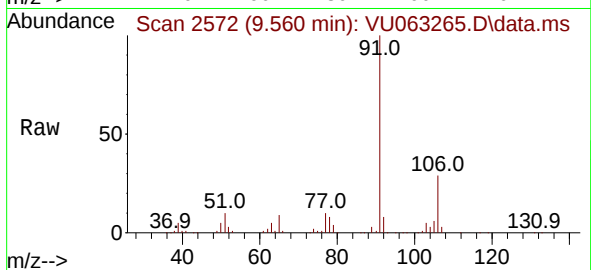
ClientSampleId :

Tgt Ion: 91 Resp: 123840

Ion Ratio Lower Upper

91 100

106 29.1 24.2 36.2



#64

m/p-Xylenes

Concen: 3.887 ug/l

RT: 9.685 min Scan# 2611

Delta R.T. 0.003 min

Lab File: VU063265.D

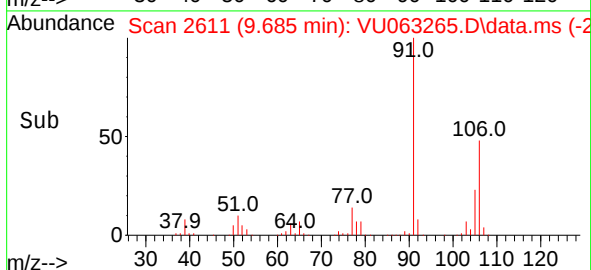
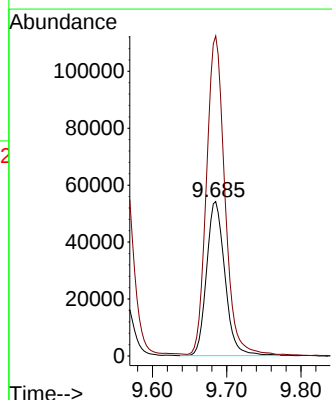
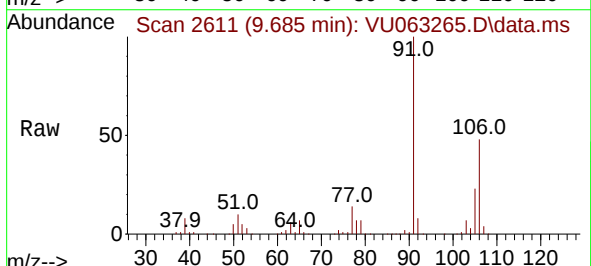
Acq: 13 Feb 2025 14:07

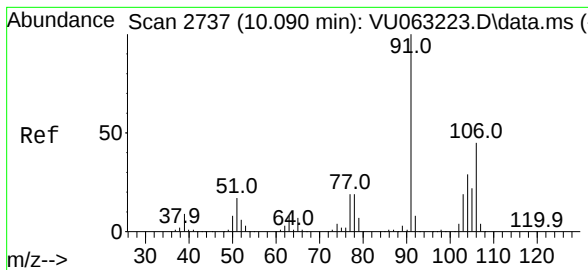
Tgt Ion:106 Resp: 92603

Ion Ratio Lower Upper

106 100

91 206.3 166.9 250.3

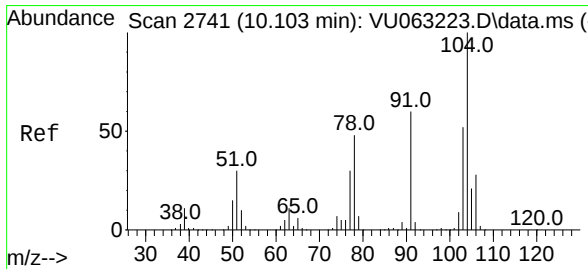
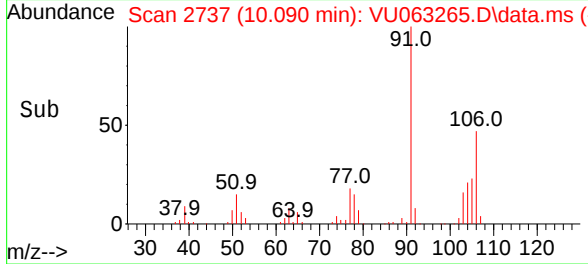
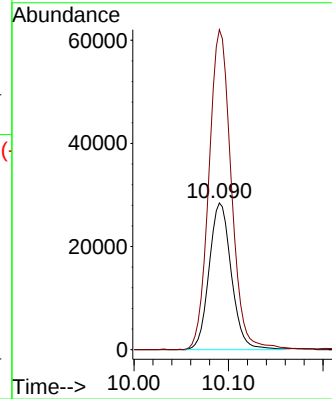
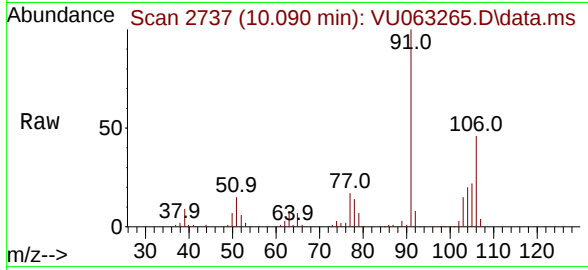




#65
o-Xylene
Concen: 1.993 ug/l
RT: 10.090 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063265.D
Acq: 13 Feb 2025 14:07

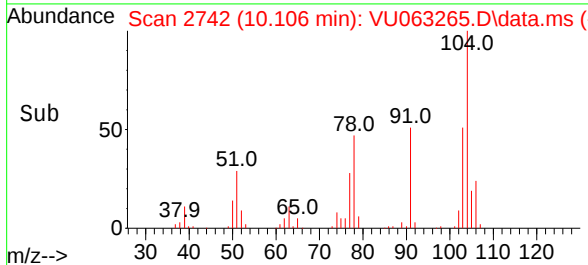
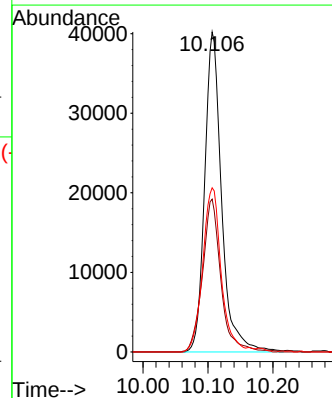
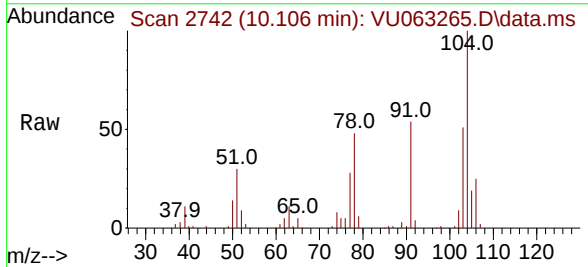
Instrument :
MSVOA_U
ClientSampleId :

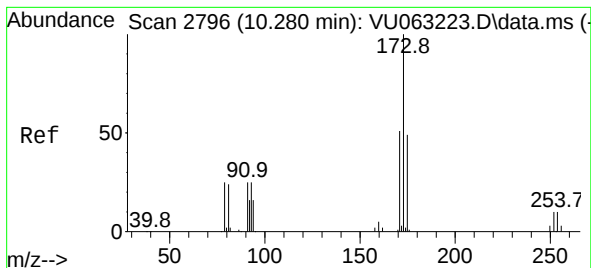
Tgt Ion:106 Resp: 46481
Ion Ratio Lower Upper
106 100
91 220.5 110.9 332.9



#66
Styrene
Concen: 1.969 ug/l
RT: 10.106 min Scan# 2742
Delta R.T. 0.003 min
Lab File: VU063265.D
Acq: 13 Feb 2025 14:07

Tgt Ion:104 Resp: 73089
Ion Ratio Lower Upper
104 100
78 52.0 41.2 61.8
103 55.7 44.8 67.2





#67

Bromoform

Concen: 2.150 ug/l

RT: 10.280 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU063265.D

Acq: 13 Feb 2025 14:07

Instrument :

MSVOA_U

ClientSampleId :

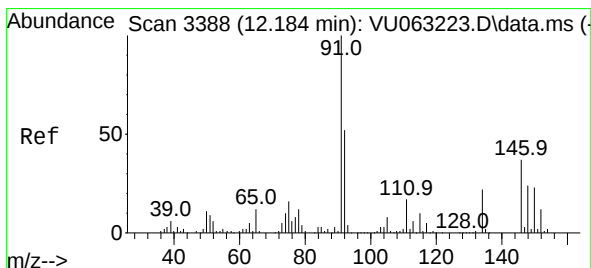
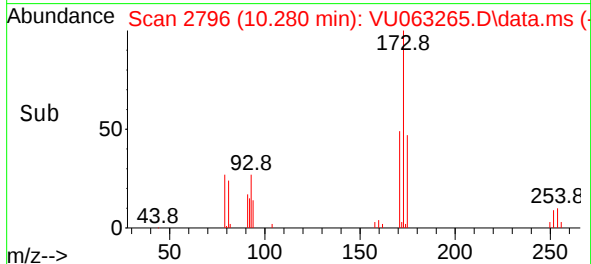
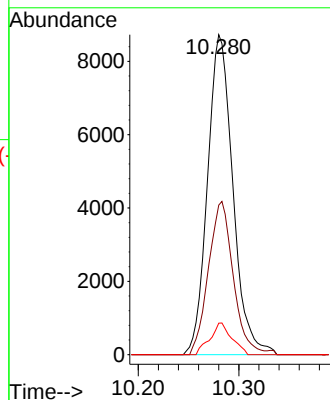
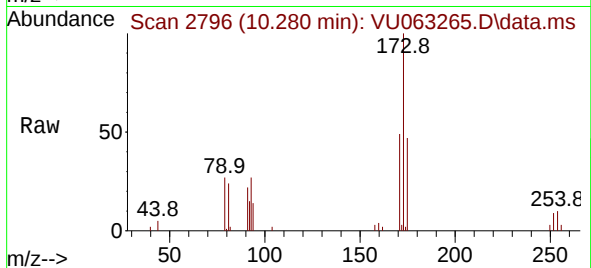
Tgt Ion:173 Resp: 15286

Ion Ratio Lower Upper

173 100

175 47.1 39.0 58.4

254 8.5 7.7 11.5



#68

1,2-Dichlorobenzene-d4

Concen: 0.986 ug/l

RT: 12.187 min Scan# 3389

Delta R.T. 0.003 min

Lab File: VU063265.D

Acq: 13 Feb 2025 14:07

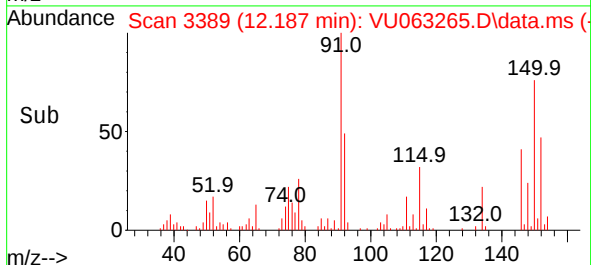
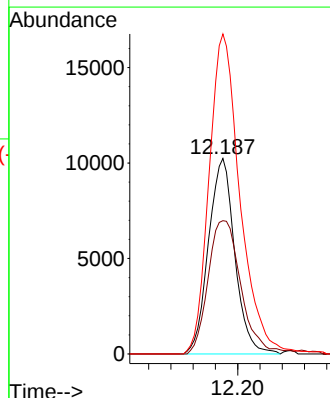
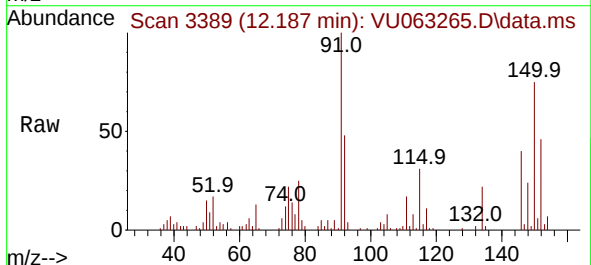
Tgt Ion:152 Resp: 16776

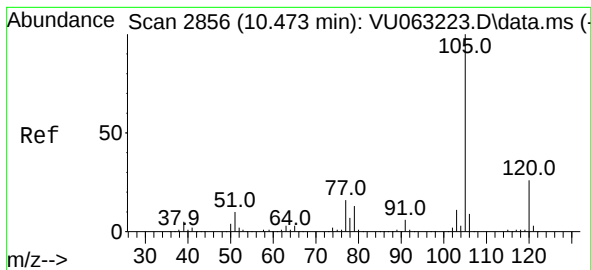
Ion Ratio Lower Upper

152 100

115 85.2 0.0 275.2

150 192.4 0.0 658.4





#69

Isopropylbenzene

Concen: 1.948 ug/l

RT: 10.473 min Scan# 2856

Delta R.T. -0.000 min

Lab File: VU063265.D

Acq: 13 Feb 2025 14:07

Instrument :

MSVOA_U

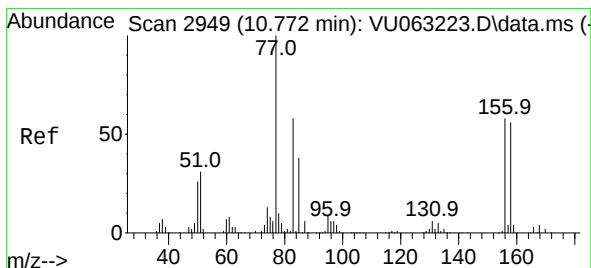
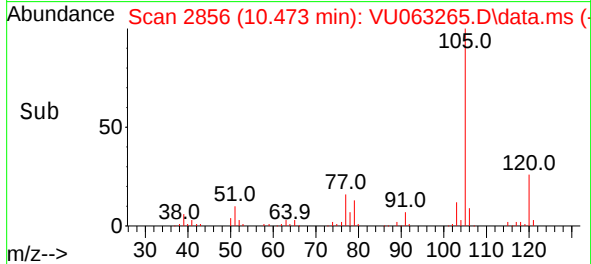
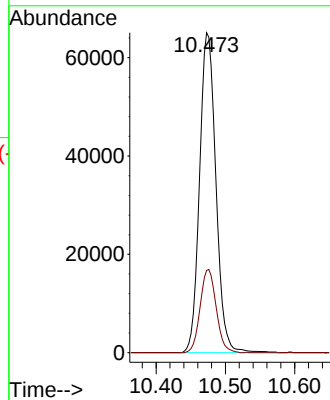
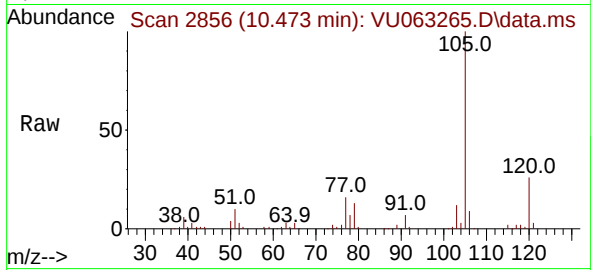
ClientSampleId :

Tgt Ion:105 Resp: 106791

Ion Ratio Lower Upper

105 100

120 25.5 12.8 38.4



#70

1,1,2,2-Tetrachloroethane

Concen: 2.057 ug/l

RT: 10.772 min Scan# 2949

Delta R.T. -0.000 min

Lab File: VU063265.D

Acq: 13 Feb 2025 14:07

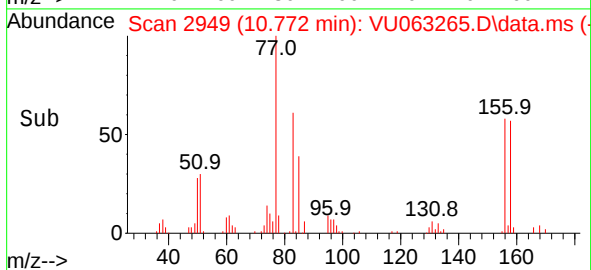
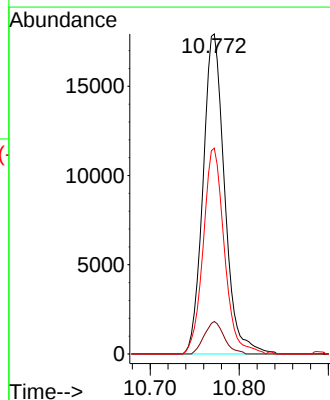
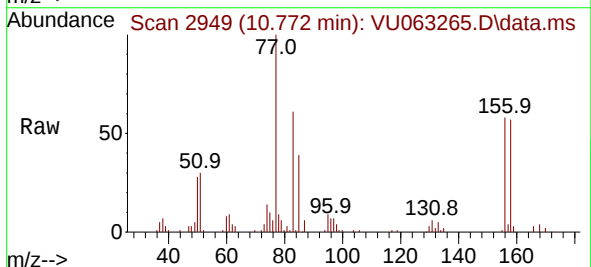
Tgt Ion: 83 Resp: 30183

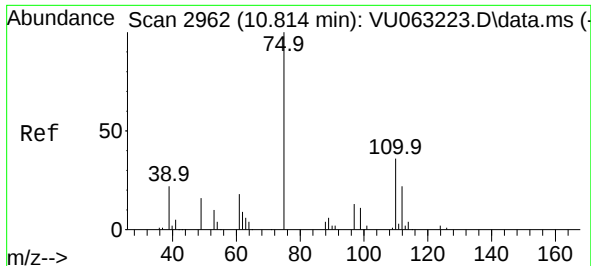
Ion Ratio Lower Upper

83 100

131 9.3 7.4 11.0

85 62.9 51.8 77.8

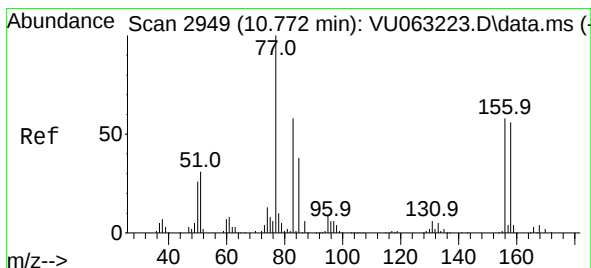
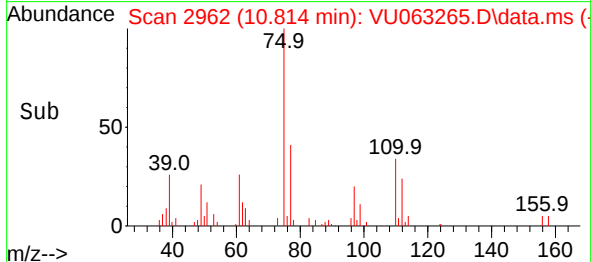
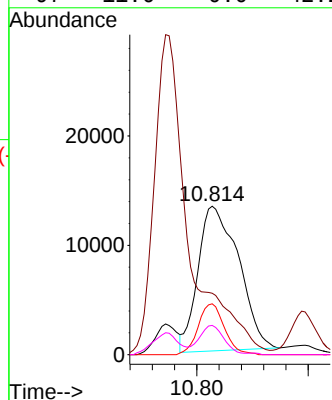
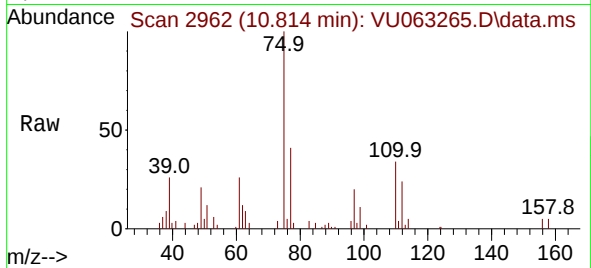




#71
1,2,3-Trichloropropane
Concen: 3.040 ug/l
RT: 10.814 min Scan# 2962
Delta R.T. -0.000 min
Lab File: VU063265.D
Acq: 13 Feb 2025 14:07

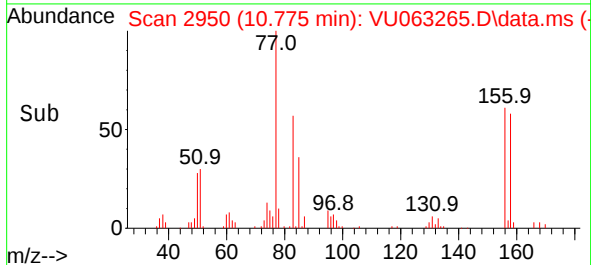
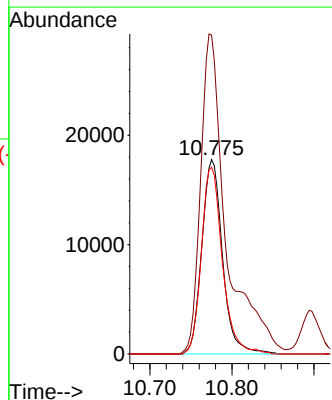
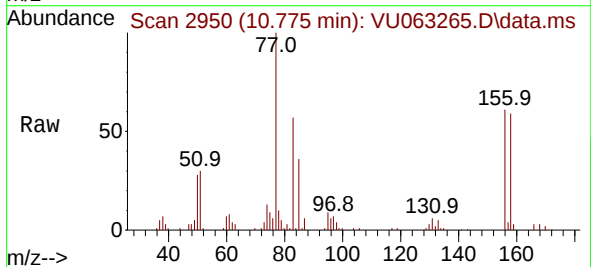
Instrument :
MSVOA_U
ClientSampleId :

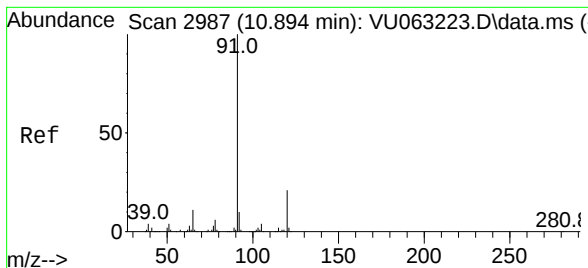
Tgt Ion: 75	Resp:	33518
Ion Ratio	Lower	Upper
75	100	
77	18.0	0.0 0.0#
110	22.7	0.0 77.0
97	11.6	0.0 42.2



#72
Bromobenzene
Concen: 2.110 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU063265.D
Acq: 13 Feb 2025 14:07

Tgt Ion: 156	Resp:	31163
Ion Ratio	Lower	Upper
156	100	
77	203.3	0.0 343.6
158	97.6	0.0 193.0





#73

n-propylbenzene

Concen: 1.985 ug/l

RT: 10.897 min Scan# 2987

Delta R.T. 0.003 min

Lab File: VU063265.D

Acq: 13 Feb 2025 14:07

Instrument :

MSVOA_U

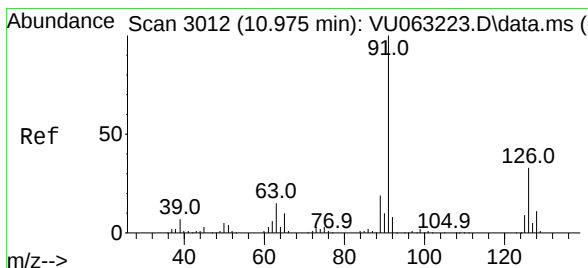
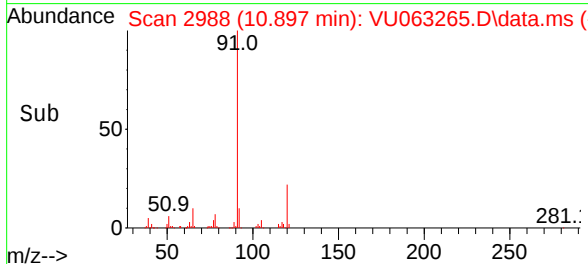
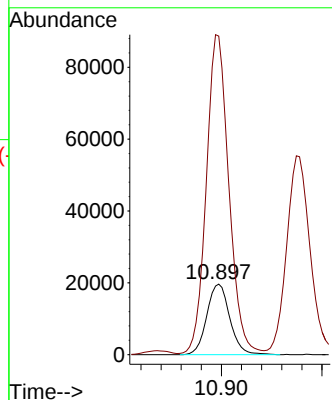
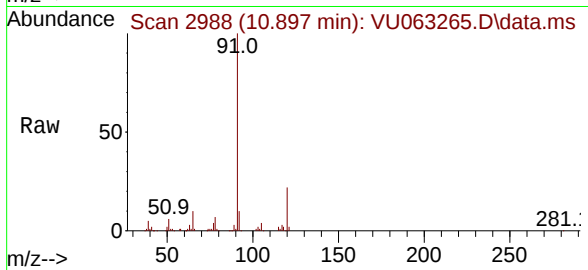
ClientSampleId :

Tgt Ion:120 Resp: 31160

Ion Ratio Lower Upper

120 100

91 441.9 369.8 554.6



#74

2-Chlorotoluene

Concen: 2.016 ug/l

RT: 10.978 min Scan# 3013

Delta R.T. 0.003 min

Lab File: VU063265.D

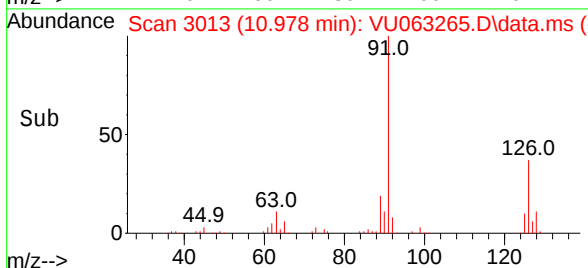
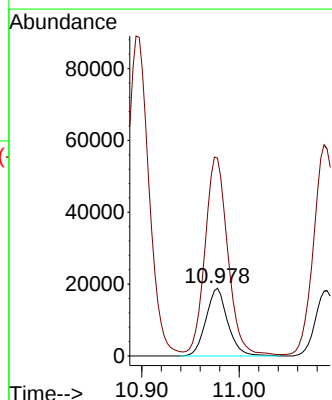
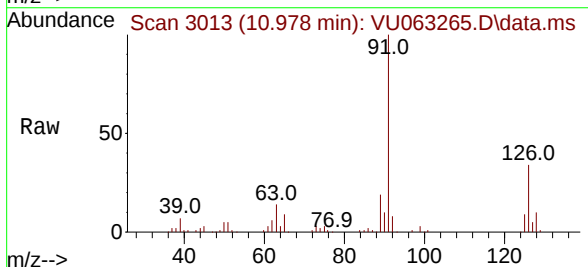
Acq: 13 Feb 2025 14:07

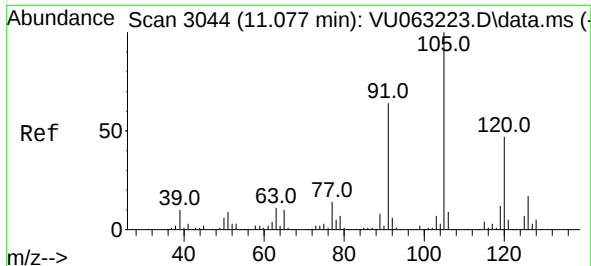
Tgt Ion:126 Resp: 29163

Ion Ratio Lower Upper

126 100

91 305.0 0.0 623.8





#75

1,3,5-Trimethylbenzene

Concen: 1.913 ug/l

RT: 11.077 min Scan# 3044

Delta R.T. -0.000 min

Lab File: VU063265.D

Acq: 13 Feb 2025 14:07

Instrument :

MSVOA_U

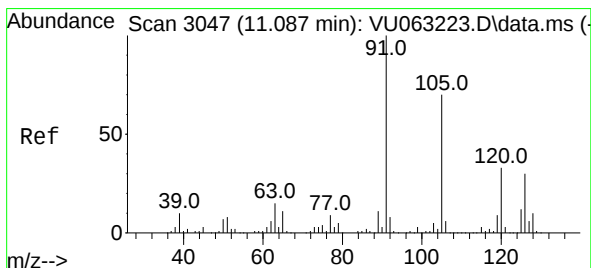
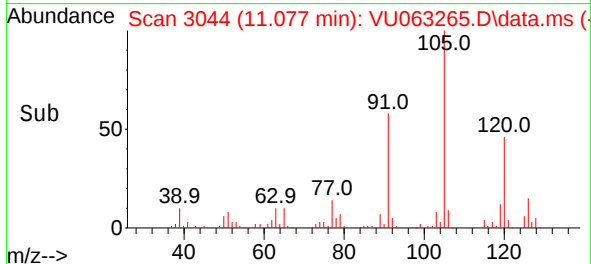
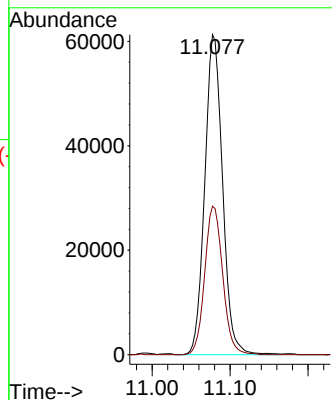
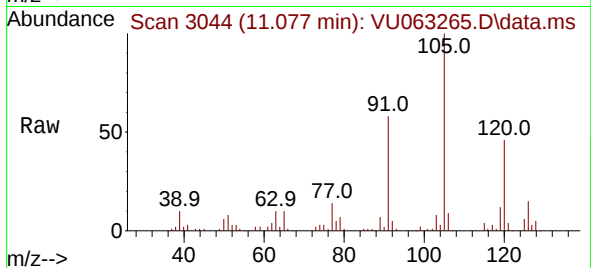
ClientSampleId :

Tgt Ion:105 Resp: 97170

Ion Ratio Lower Upper

105 100

120 47.0 37.3 55.9



#76

4-Chlorotoluene

Concen: 2.048 ug/l

RT: 11.090 min Scan# 3048

Delta R.T. 0.003 min

Lab File: VU063265.D

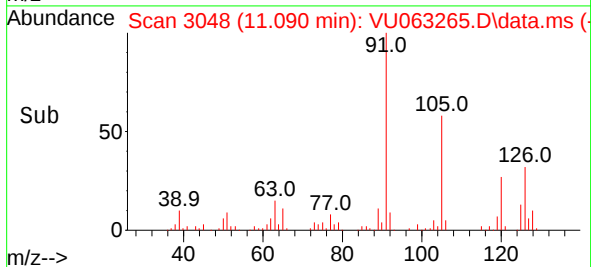
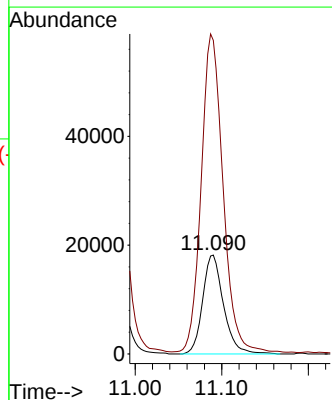
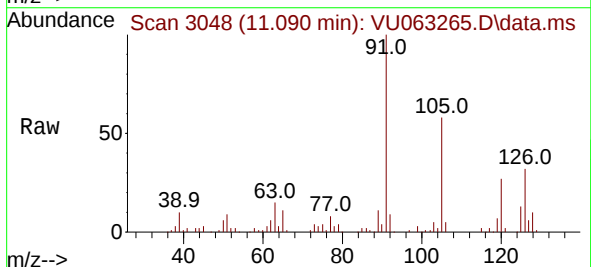
Acq: 13 Feb 2025 14:07

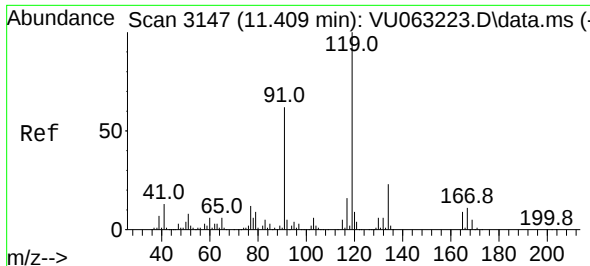
Tgt Ion:126 Resp: 30377

Ion Ratio Lower Upper

126 100

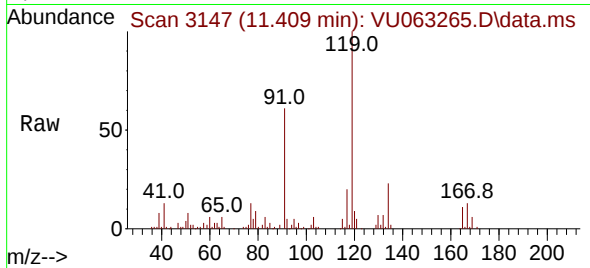
91 337.5 0.0 703.6



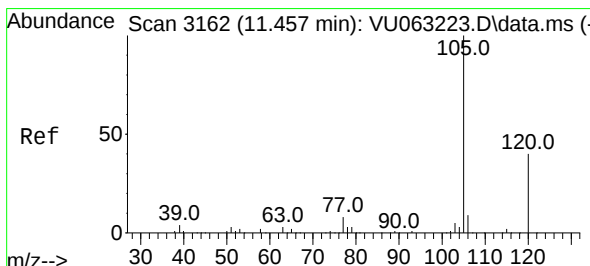
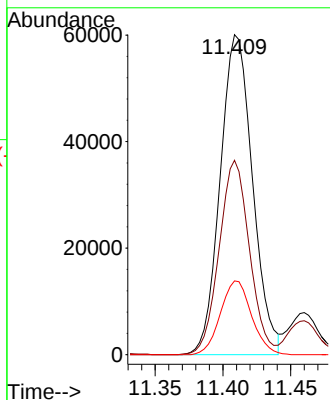
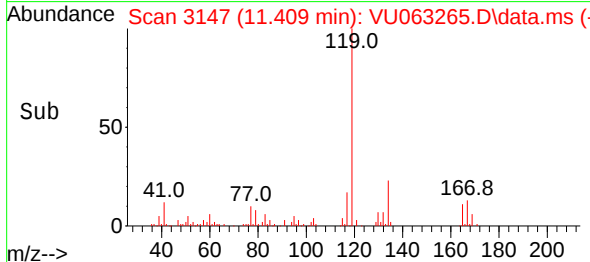


#77
tert-Butylbenzene
Concen: 1.944 ug/l
RT: 11.409 min Scan# 3147
Delta R.T. -0.000 min
Lab File: VU063265.D
Acq: 13 Feb 2025 14:07

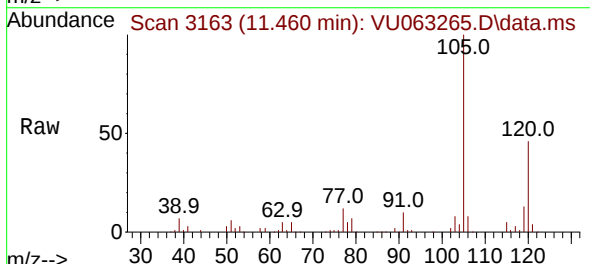
Instrument :
MSVOA_U
ClientSampleId :



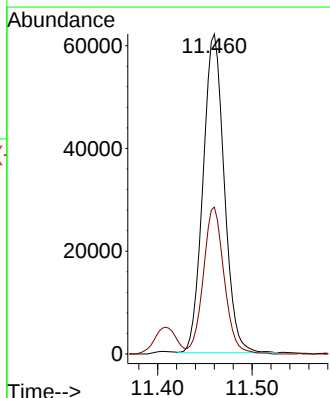
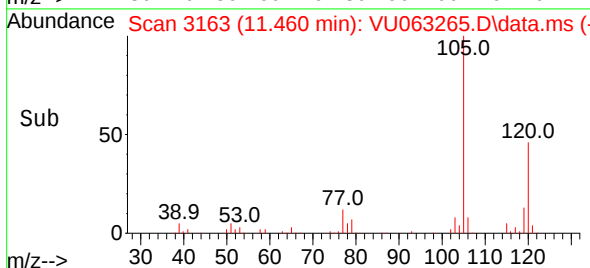
Tgt Ion:119 Resp: 99903
Ion Ratio Lower Upper
119 100
91 56.7 29.4 88.3
134 22.2 17.6 26.4

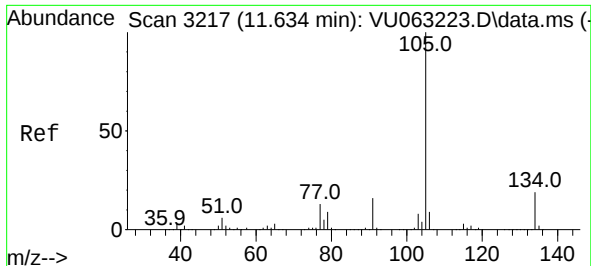


#78
1,2,4-Trimethylbenzene
Concen: 1.918 ug/l
RT: 11.460 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VU063265.D
Acq: 13 Feb 2025 14:07



Tgt Ion:105 Resp: 96662
Ion Ratio Lower Upper
105 100
120 45.2 21.9 65.7





#79

sec-Butylbenzene

Concen: 1.973 ug/l

RT: 11.634 min Scan# 3217

Delta R.T. -0.000 min

Lab File: VU063265.D

Acq: 13 Feb 2025 14:07

Instrument :

MSVOA_U

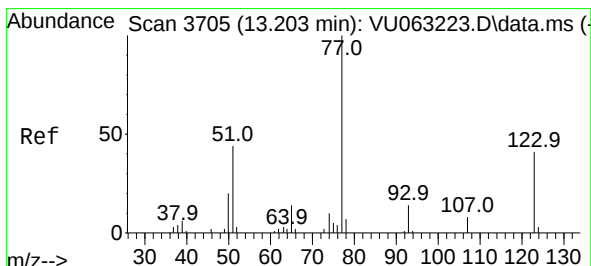
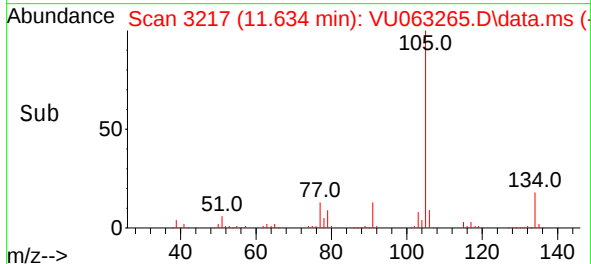
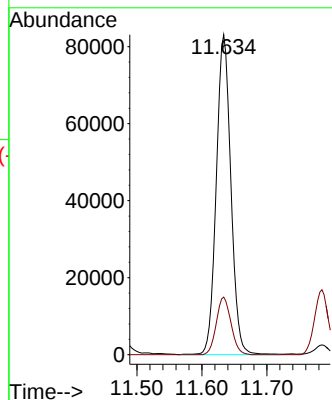
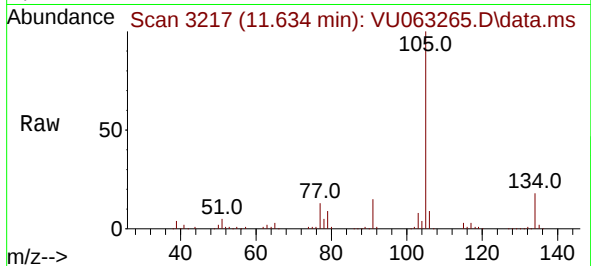
ClientSampleId :

Tgt Ion:105 Resp: 129092

Ion Ratio Lower Upper

105 100

134 18.1 15.1 22.7



#80

Nitrobenzene

Concen: 10.731 ug/l

RT: 13.222 min Scan# 3711

Delta R.T. 0.019 min

Lab File: VU063265.D

Acq: 13 Feb 2025 14:07

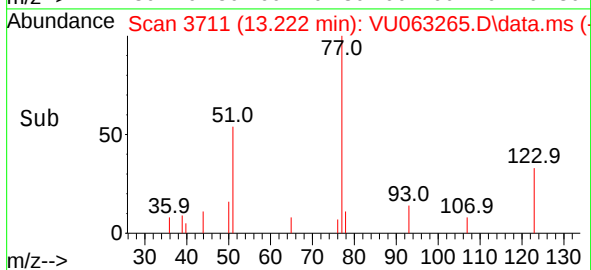
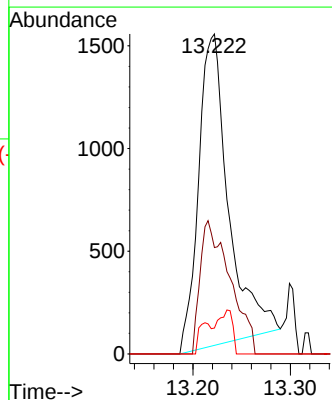
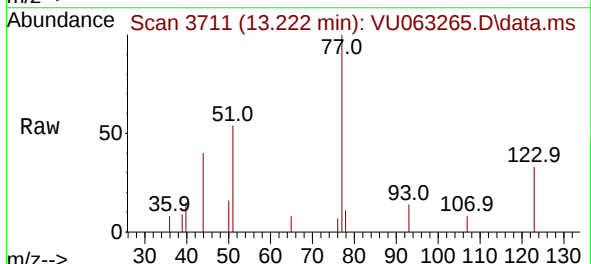
Tgt Ion: 77 Resp: 3245

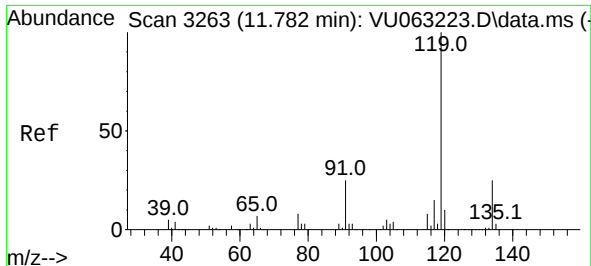
Ion Ratio Lower Upper

77 100

123 42.6 18.9 67.1

65 4.1 11.9 15.1#

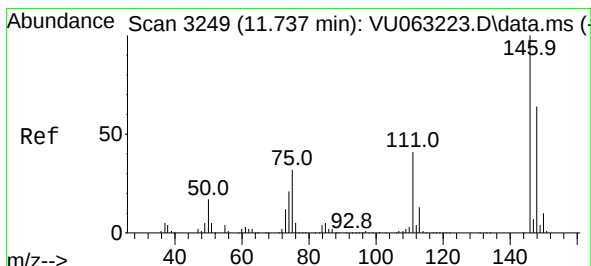
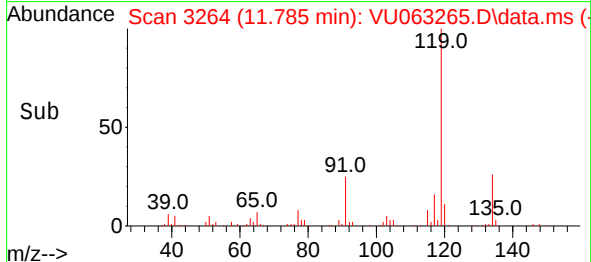
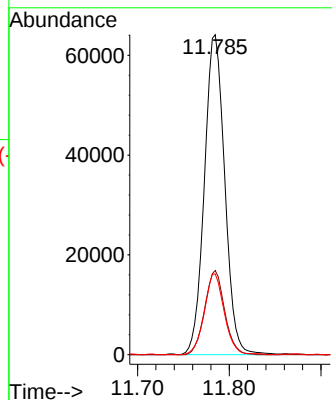
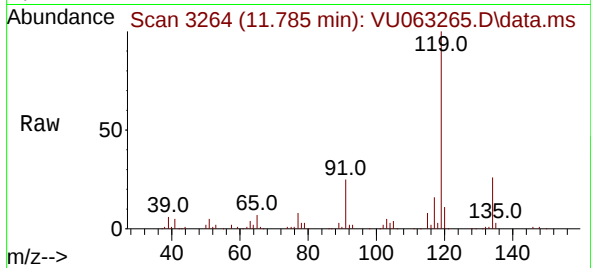




#81
p-Isopropyltoluene
Concen: 1.920 ug/l
RT: 11.785 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063265.D
Acq: 13 Feb 2025 14:07

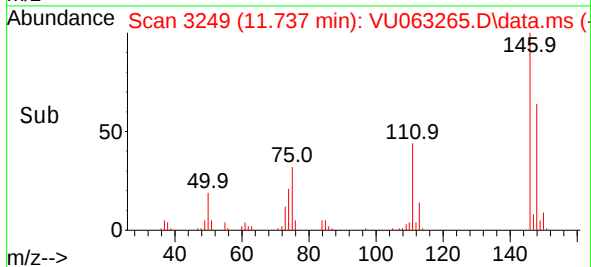
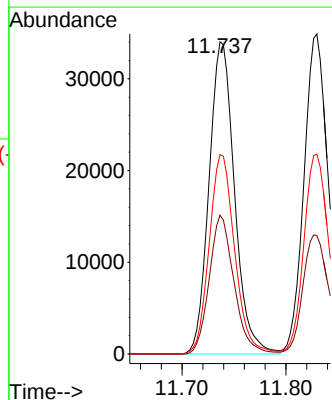
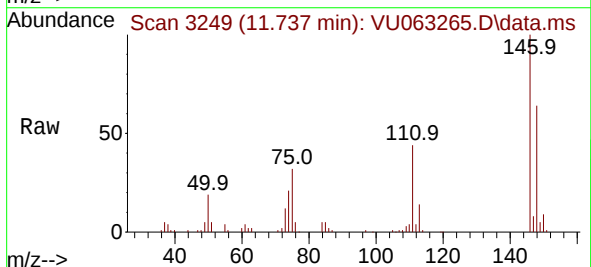
Instrument :
MSVOA_U
ClientSampleId :

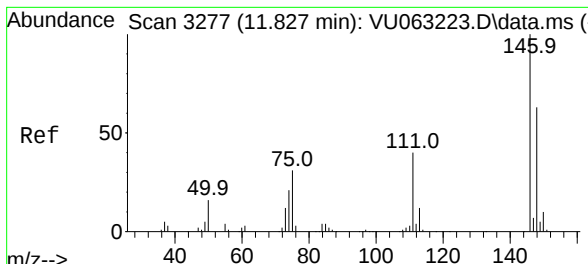
Tgt Ion:119 Resp: 99117
Ion Ratio Lower Upper
119 100
134 25.7 20.3 30.5
91 24.6 19.4 29.2



#82
1,3-Dichlorobenzene
Concen: 2.024 ug/l
RT: 11.737 min Scan# 3249
Delta R.T. -0.000 min
Lab File: VU063265.D
Acq: 13 Feb 2025 14:07

Tgt Ion:146 Resp: 57988
Ion Ratio Lower Upper
146 100
111 43.2 32.8 49.2
148 63.9 51.1 76.7

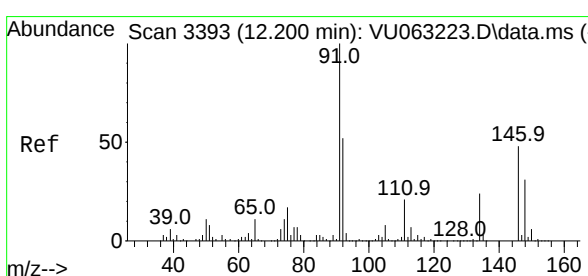
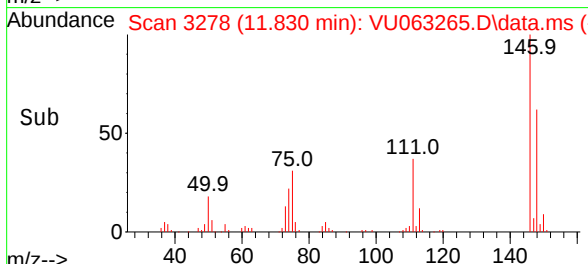
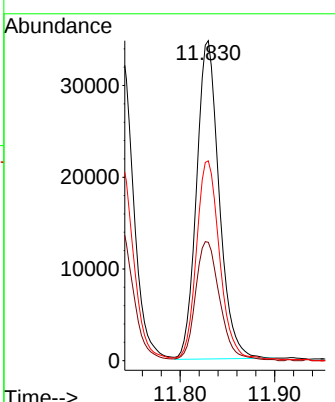
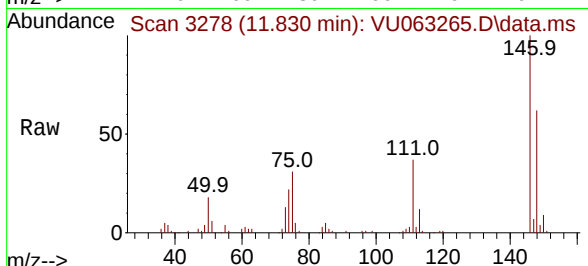




#83
 1,4-Dichlorobenzene
 Concen: 2.062 ug/l
 RT: 11.830 min Scan# 3277
 Delta R.T. 0.003 min
 Lab File: VU063265.D
 Acq: 13 Feb 2025 14:07

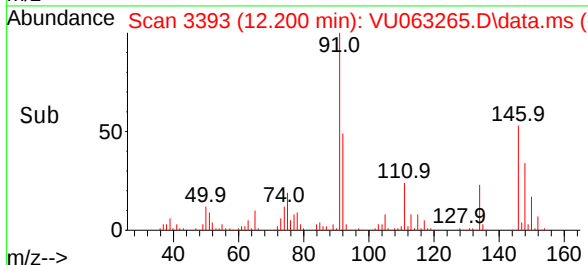
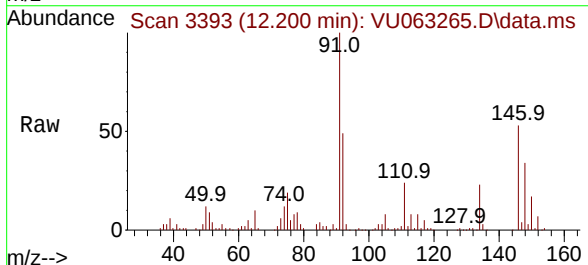
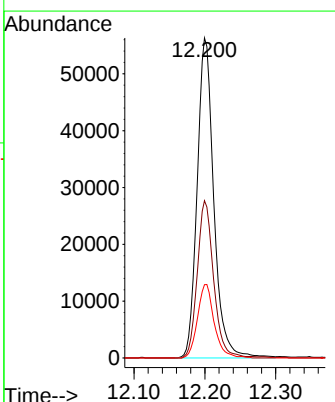
Instrument :
 MSVOA_U
 ClientSampleId :

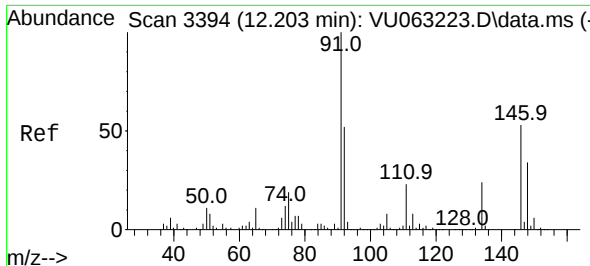
Tgt Ion:	146	Resp:	57781
Ion	Ratio	Lower	Upper
146	100		
111	40.3	32.1	48.1
148	64.5	50.2	75.4



#84
 n-Butylbenzene
 Concen: 1.986 ug/l
 RT: 12.200 min Scan# 3393
 Delta R.T. -0.000 min
 Lab File: VU063265.D
 Acq: 13 Feb 2025 14:07

Tgt Ion:	91	Resp:	91940
Ion	Ratio	Lower	Upper
91	100		
92	48.1	41.8	62.8
134	23.0	18.6	28.0





#85

1,2-Dichlorobenzene

Concen: 2.015 ug/l

RT: 12.203 min Scan# 3394

Delta R.T. -0.000 min

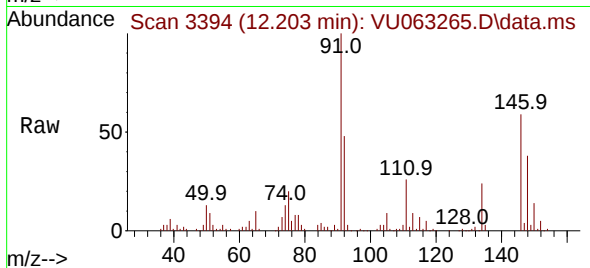
Lab File: VU063265.D

Acq: 13 Feb 2025 14:07

Instrument :

MSVOA_U

ClientSampleId :



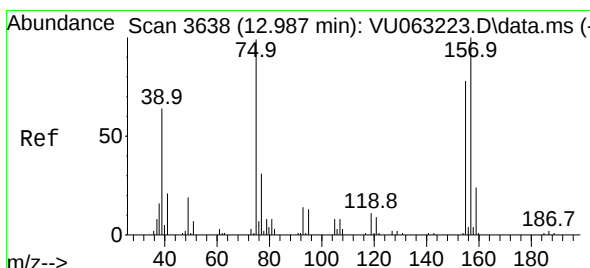
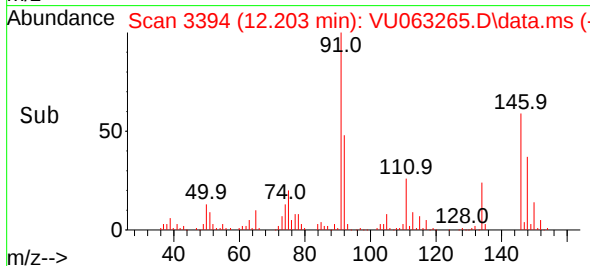
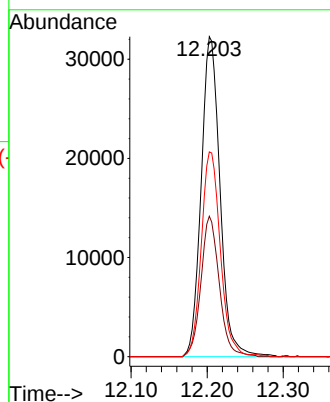
Tgt Ion:146 Resp: 55493

Ion Ratio Lower Upper

146 100

111 42.6 21.9 65.7

148 64.4 32.3 96.9



#86

1,2-Dibromo-3-Chloropropane

Concen: 2.117 ug/l

RT: 12.994 min Scan# 3640

Delta R.T. 0.006 min

Lab File: VU063265.D

Acq: 13 Feb 2025 14:07

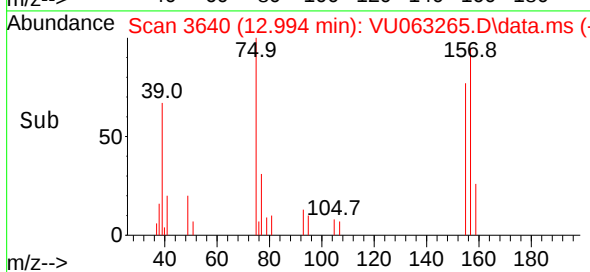
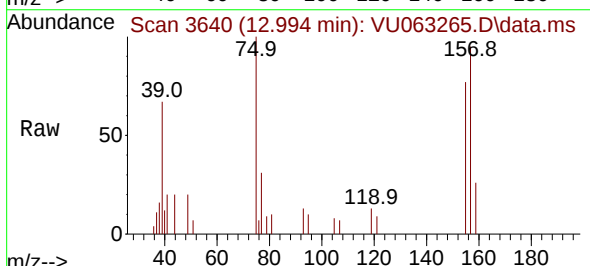
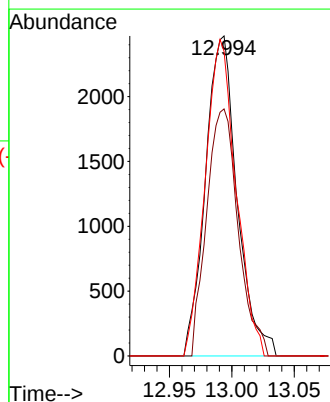
Tgt Ion: 75 Resp: 4362

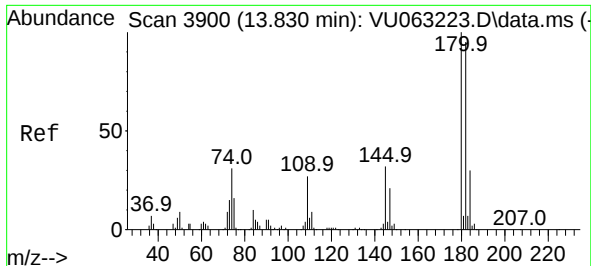
Ion Ratio Lower Upper

75 100

155 76.8 63.5 95.3

157 96.4 81.8 122.6





#87

1,2,4-Trichlorobenzene

Concen: 2.156 ug/l

RT: 13.833 min Scan# 3901

Delta R.T. 0.003 min

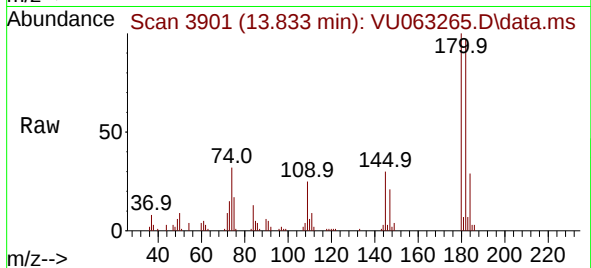
Lab File: VU063265.D

Acq: 13 Feb 2025 14:07

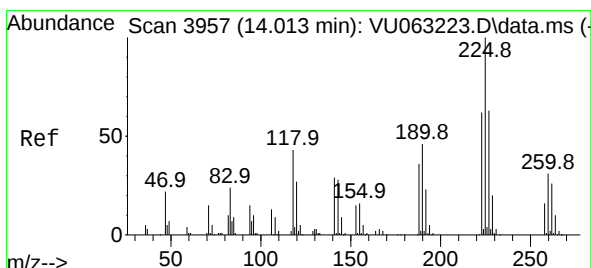
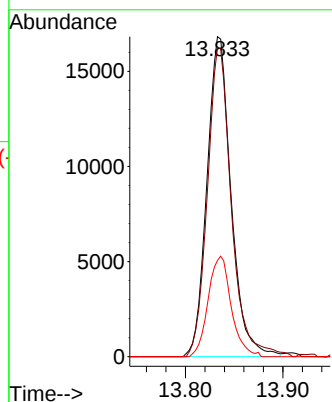
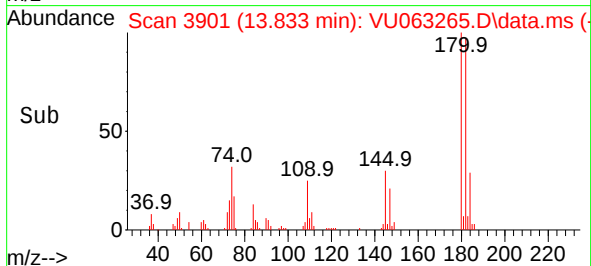
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	180	Resp:	28956
Ion Ratio	Lower	Upper	
180	100		
182	96.1	76.6	115.0
145	30.0	25.4	38.2



#88

Hexachlorobutadiene

Concen: 1.987 ug/l

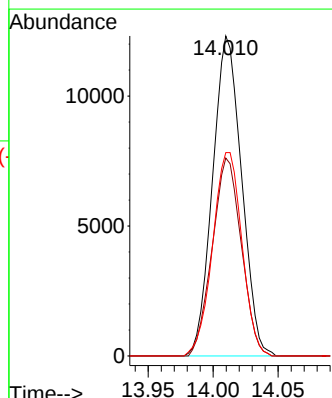
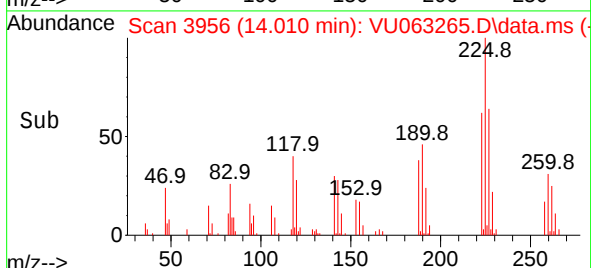
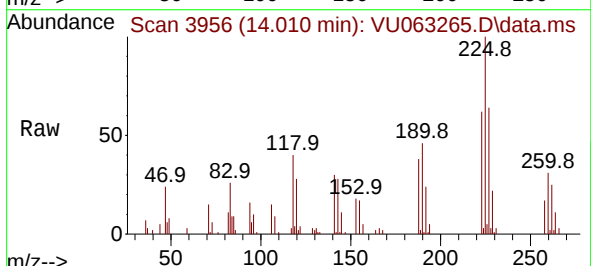
RT: 14.010 min Scan# 3956

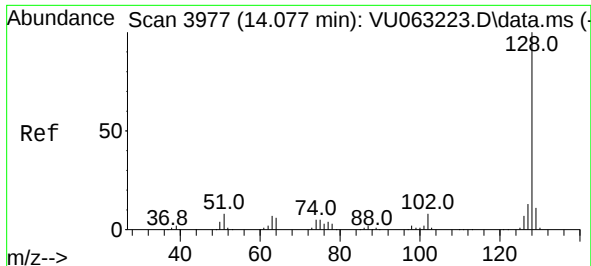
Delta R.T. -0.003 min

Lab File: VU063265.D

Acq: 13 Feb 2025 14:07

Tgt Ion:	225	Resp:	19075
Ion Ratio	Lower	Upper	
225	100		
223	62.1	49.5	74.3
227	64.3	51.0	76.4





#89

Naphthalene

Concen: 2.128 ug/l

RT: 14.084 min Scan# 3977

Delta R.T. 0.006 min

Lab File: VU063265.D

Acq: 13 Feb 2025 14:07

Instrument :

MSVOA_U

ClientSampleId :

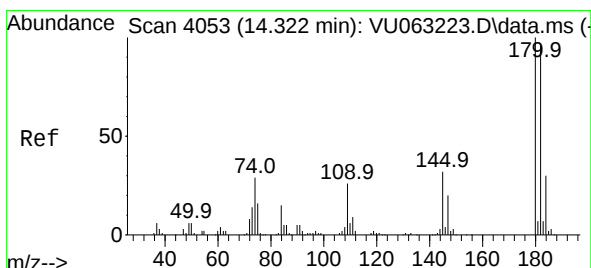
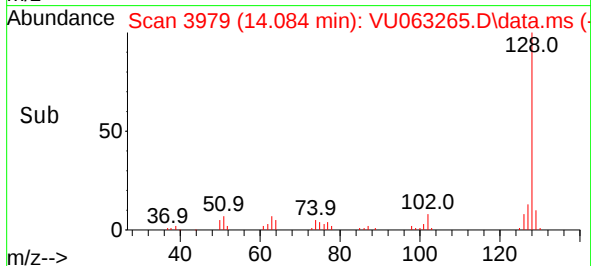
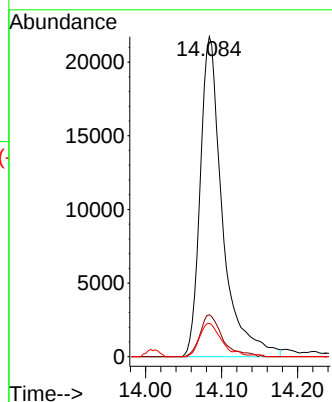
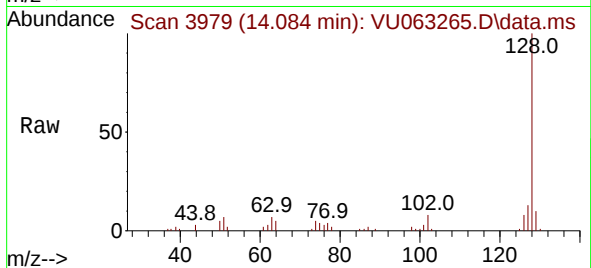
Tgt Ion:128 Resp: 44163

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

129 9.7 8.6 13.0



#90

1,2,3-Trichlorobenzene

Concen: 2.174 ug/l

RT: 14.322 min Scan# 4053

Delta R.T. -0.000 min

Lab File: VU063265.D

Acq: 13 Feb 2025 14:07

Tgt Ion:180 Resp: 28562

Ion Ratio Lower Upper

180 100

182 92.0 78.2 117.2

145 32.6 26.1 39.1

