

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091525\
 Data File : VU063571.D
 Acq On : 15 Sep 2025 08:48
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 16 04:54:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U091225DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Sat Sep 13 03:31:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.097	96	37074	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	17651	1.278	ug/l	0.00
Spiked Amount 1.000			Recovery	=	128.000%	
68) 1,2-Dichlorobenzene-d4	12.183	152	14600	1.037	ug/l	0.00
Spiked Amount 1.000			Recovery	=	104.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	119748	9.788	ug/l	99
3) Chloromethane	1.515	50	111003	9.264	ug/l	100
4) Vinyl Chloride	1.599	62	127511	9.823	ug/l	99
5) Bromomethane	1.837	94	69531	8.676	ug/l	97
6) Chloroethane	1.920	64	79812	9.563	ug/l	100
7) Trichlorofluoromethane	2.126	101	185893	9.758	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.566	101	101532	9.520	ug/l	98
9) 1,1-Dichloroethene	2.566	96	92869	9.613	ug/l	94
10) Iodomethane	2.708	142	134229	9.657	ug/l	99
11) Allyl Chloride	2.907	41	163714	10.191	ug/l	99
12) Acrylonitrile	3.303	53	57989	19.829	ug/l	98
13) Acetone	2.618	43	236835	57.206	ug/l	99
14) Carbon Disulfide	2.779	76	215718	10.687	ug/l	99
15) Methylene Chloride	3.029	84	113861	8.919	ug/l	97
16) trans-1,2-Dichloroethene	3.335	96	102761	9.982	ug/l	97
17) 1,1-Dichloroethane	3.849	63	232141	9.845	ug/l	100
18) 2-Butanone	4.708	43	263065	55.792	ug/l	99
19) Cyclohexane	5.361	56	168669	8.931	ug/l	93
20) Methylcyclohexane	6.740	83	172365	9.955	ug/l	99
21) 2,2-Dichloropropane	4.647	77	179670	10.301	ug/l	100
22) cis-1,2-Dichloroethene	4.650	96	123648	9.784	ug/l	98
23) Diethyl Ether	2.367	59	82617	9.648	ug/l	99
24) tert-Butyl Alcohol	3.187	59	105406	92.870	ug/l	100
25) Methyl tert-Butyl Ether	3.357	73	282232	9.783	ug/l	100
26) Bromochloromethane	4.955	128	50599	9.906	ug/l	99
27) Chloroform	5.071	83	227347	9.634	ug/l	98
28) 1,1,1-Trichloroethane	5.296	97	184048	10.147	ug/l	99
29) 1,1-Dichloropropene	5.505	75	164960	9.788	ug/l	98
30) Carbon Tetrachloride	5.502	117	143921	10.776	ug/l	98
31) Isopropyl Ether	3.991	45	383816	9.711	ug/l	100
32) Ethyl-t-butyl ether	4.499	59	327079	9.687	ug/l	99
33) Tert-Amyl methyl ether	5.939	73	282025	9.804	ug/l	99
34) Propionitrile	4.772	54	53163	48.204	ug/l	98
35) Benzene	5.756	78	468163	9.649	ug/l	98
36) 1,2-Dichloroethane	5.782	62	158110	9.658	ug/l	98
37) Trichloroethene	6.524	130	117575	9.736	ug/l	100
38) 1,2-Dichloropropane	6.778	63	127488	9.918	ug/l	98
39) Methacrylonitrile	4.968	41	47761	9.174	ug/l	97
40) Methyl acrylate	4.843	55	65690	9.204	ug/l	99
41) Tetrahydrofuran	5.055	42	49263	18.152	ug/l	98
42) 1-Chlorobutane	5.438	56	237403	10.048	ug/l	98
43) Dibromomethane	6.904	93	62794	10.189	ug/l	100
44) Bromodichloromethane	7.094	83	141498	10.746	ug/l	99

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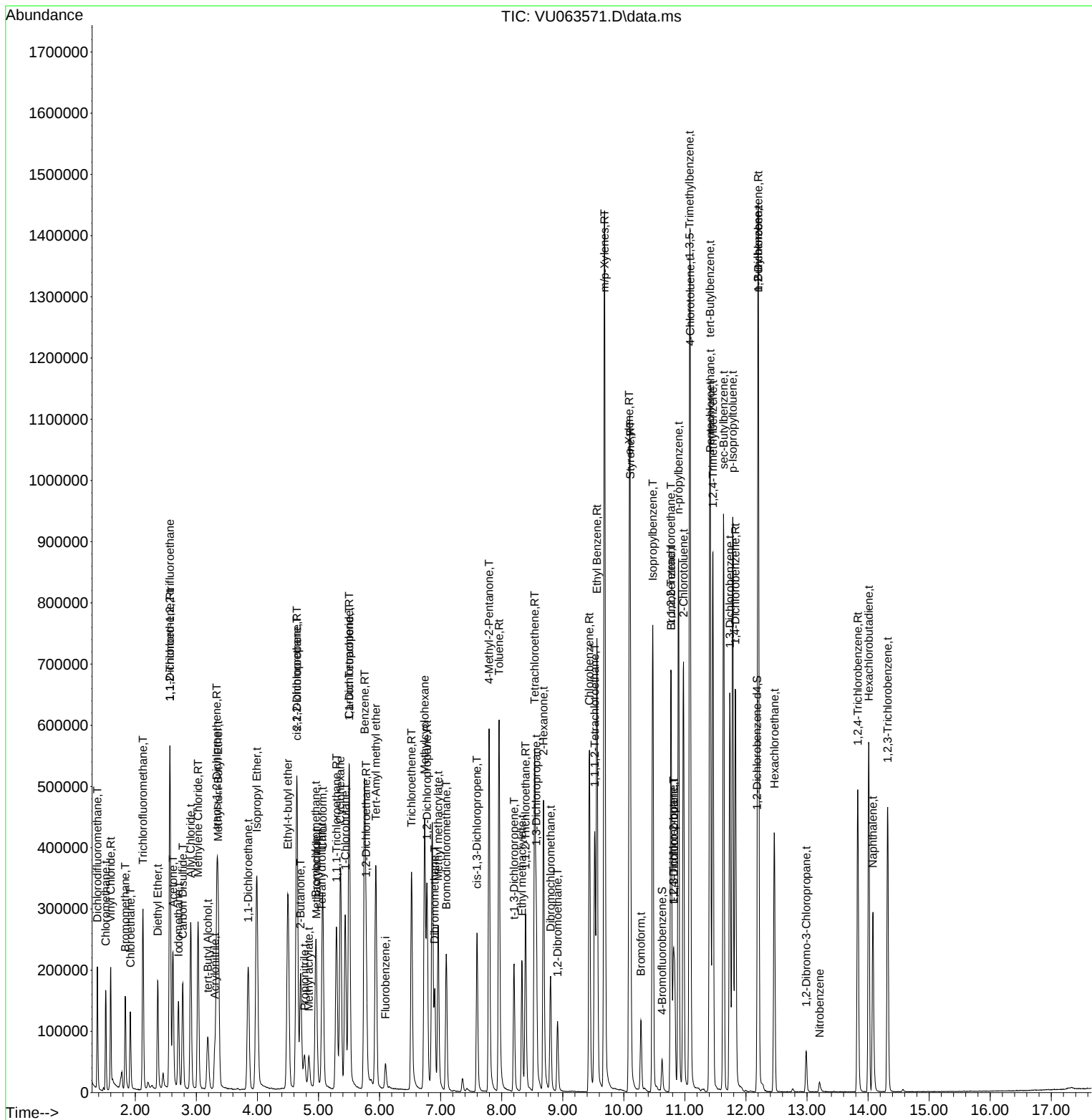
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 ClientSampleId :

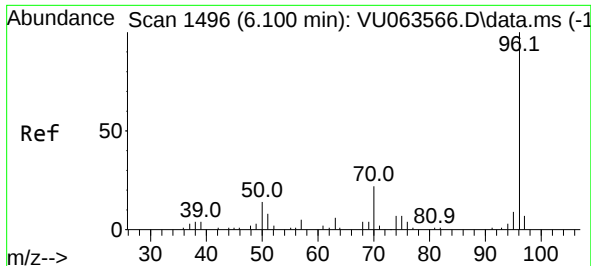
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U091225DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Sat Sep 13 03:31:19 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.795	43	398800	51.669	ug/l	99
46) t-1,4-Dichloro-2-butene	10.814	75	122649	42.469	ug/l #	71
47) Methyl methacrylate	6.962	69	110393	20.023	ug/l	99
48) Ethyl methacrylate	8.331	69	107571	10.520	ug/l	98
49) Toluene	7.958	92	269937	10.251	ug/l	100
50) t-1,3-Dichloropropene	8.203	75	112003	11.355	ug/l	100
51) cis-1,3-Dichloropropene	7.595	75	144570	11.017	ug/l	97
52) 1,1,2-Trichloroethane	8.393	97	89311	10.238	ug/l	97
53) 1,3-Dichloropropane	8.566	76	151905	10.023	ug/l	99
54) 2-Hexanone	8.685	43	326973	57.972	ug/l	98
55) Dibromochloromethane	8.801	129	95349	11.278	ug/l	99
56) 1,2-Dibromoethane	8.913	107	75104	9.980	ug/l	95
58) Tetrachloroethene	8.540	164	121948	10.254	ug/l	98
59) Chlorobenzene	9.438	112	309130	10.189	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.524	131	106724	10.769	ug/l	99
61) Pentachloroethane	11.418	117	73699	10.375	ug/l	100
62) Hexachloroethane	12.466	117	71642	11.596	ug/l	99
63) Ethyl Benzene	9.560	91	535909	10.345	ug/l	99
64) m/p-Xylenes	9.685	106	412245	20.708	ug/l	100
65) o-Xylene	10.090	106	205316	10.304	ug/l	100
66) Styrene	10.106	104	337647	10.614	ug/l	99
67) Bromoform	10.280	173	49816	11.830	ug/l	97
69) Isopropylbenzene	10.476	105	501914	10.376	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.772	83	111728	10.058	ug/l	99
71) 1,2,3-Trichloropropane	10.814	75	122649	14.895	ug/l #	80
72) Bromobenzene	10.775	156	129142	10.291	ug/l	99
73) n-propylbenzene	10.897	120	149441	10.688	ug/l	98
74) 2-Chlorotoluene	10.978	126	129464	10.241	ug/l	98
75) 1,3,5-Trimethylbenzene	11.077	105	475659	10.514	ug/l	99
76) 4-Chlorotoluene	11.090	126	132603	10.015	ug/l	95
77) tert-Butylbenzene	11.412	119	461119	10.544	ug/l	99
78) 1,2,4-Trimethylbenzene	11.460	105	476304	10.818	ug/l	100
79) sec-Butylbenzene	11.634	105	621632	10.491	ug/l	99
80) Nitrobenzene	13.206	77	9707	46.363	ug/l	95
81) p-Isopropyltoluene	11.785	119	515016	10.803	ug/l	100
82) 1,3-Dichlorobenzene	11.736	146	259575	10.279	ug/l	99
83) 1,4-Dichlorobenzene	11.826	146	261220	10.071	ug/l	98
84) n-Butylbenzene	12.199	91	473935	10.607	ug/l	100
85) 1,2-Dichlorobenzene	12.203	146	246592	10.124	ug/l	100
86) 1,2-Dibromo-3-Chloropr...	12.987	75	16821	11.750	ug/l	98
87) 1,2,4-Trichlorobenzene	13.833	180	151463	10.269	ug/l	100
88) Hexachlorobutadiene	14.013	225	97241	10.595	ug/l	100
89) Naphthalene	14.080	128	248459	9.529	ug/l	99
90) 1,2,3-Trichlorobenzene	14.322	180	142078	10.151	ug/l	98

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

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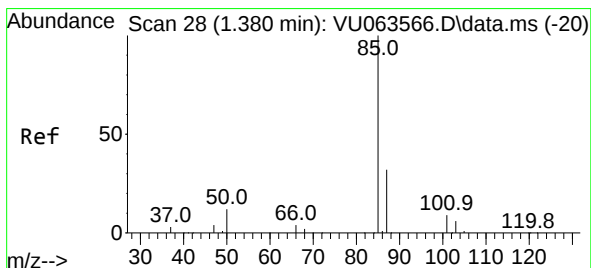
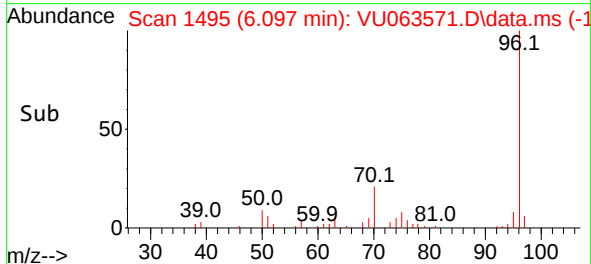
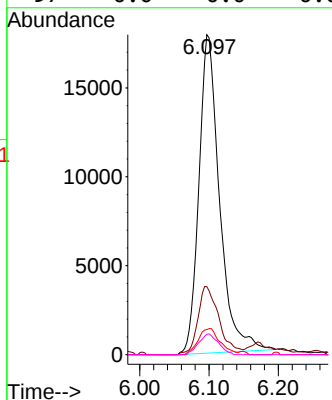
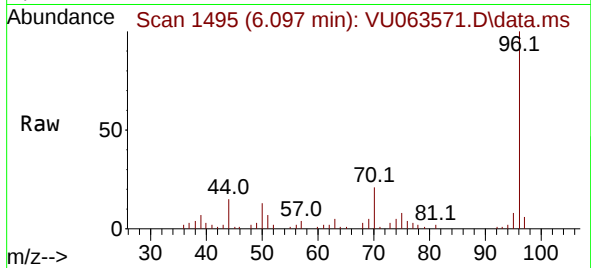




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.097 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU063571.D
Acq: 15 Sep 2025 08:48

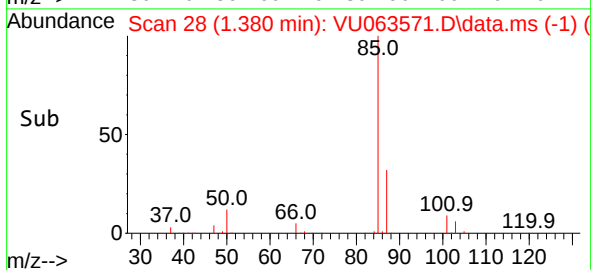
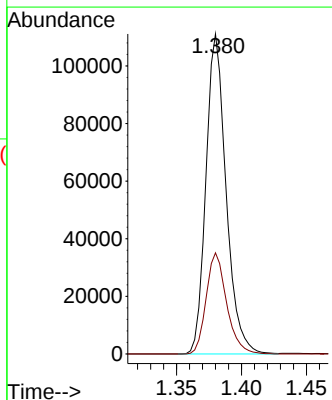
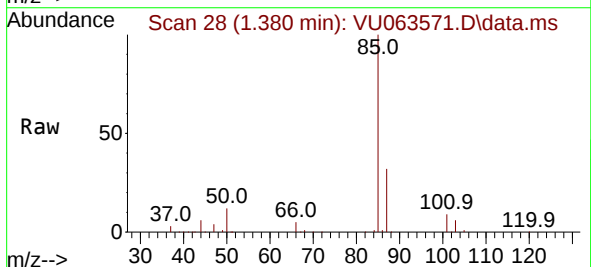
Instrument :
MSVOA_U
ClientSampleId :

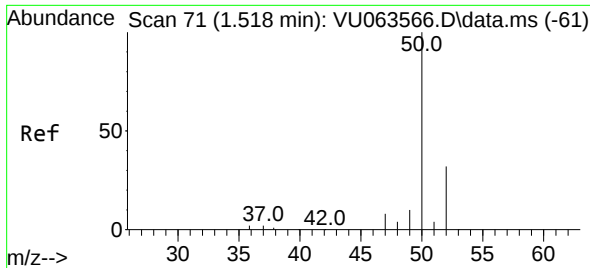
Tgt Ion: 96 Resp: 37074
Ion Ratio Lower Upper
96 100
70 19.9 15.5 23.3
95 8.0 7.7 11.5
97 0.0 0.0 0.0



#2
Dichlorodifluoromethane
Concen: 9.788 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU063571.D
Acq: 15 Sep 2025 08:48

Tgt Ion: 85 Resp: 119748
Ion Ratio Lower Upper
85 100
87 31.6 16.1 48.2

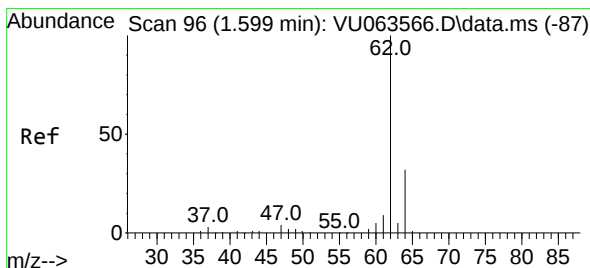
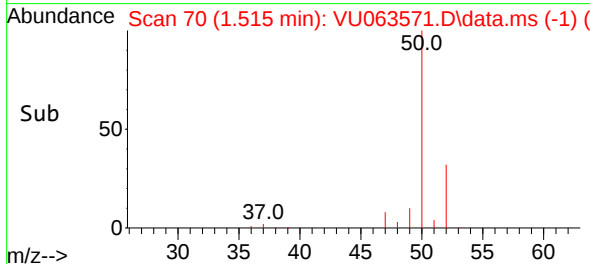
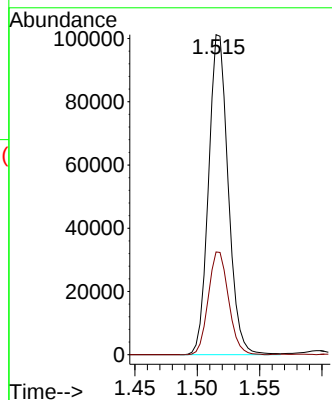
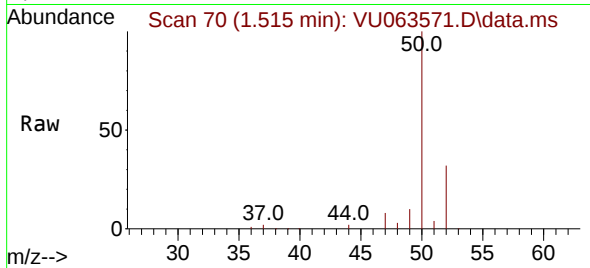




#3
Chloromethane
Concen: 9.264 ug/l
RT: 1.515 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU063571.D
Acq: 15 Sep 2025 08:48

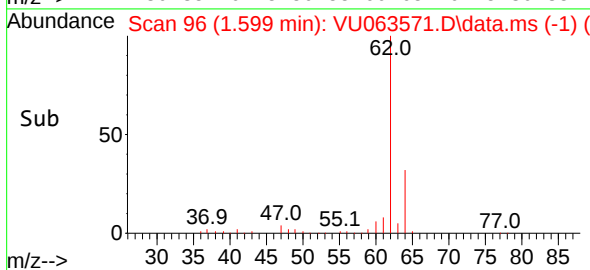
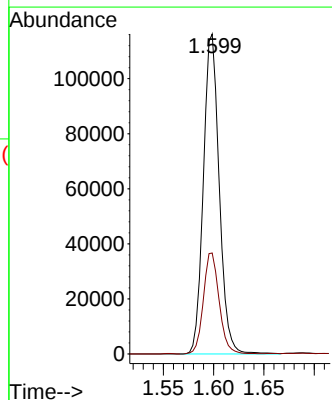
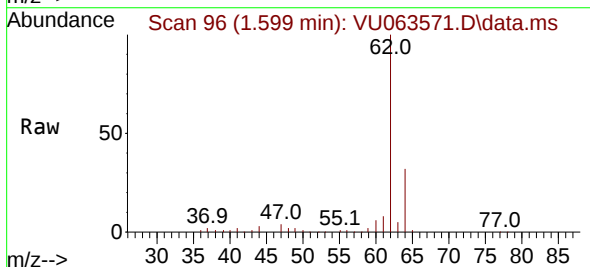
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ClientSampleId :

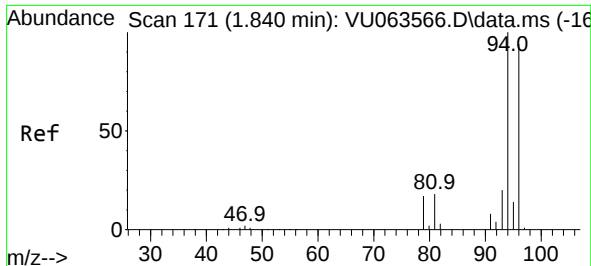
Tgt Ion: 50 Resp: 111003
Ion Ratio Lower Upper
50 100
52 32.1 25.6 38.4



#4
Vinyl Chloride
Concen: 9.823 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063571.D
Acq: 15 Sep 2025 08:48

Tgt Ion: 62 Resp: 127511
Ion Ratio Lower Upper
62 100
64 31.6 25.5 38.3

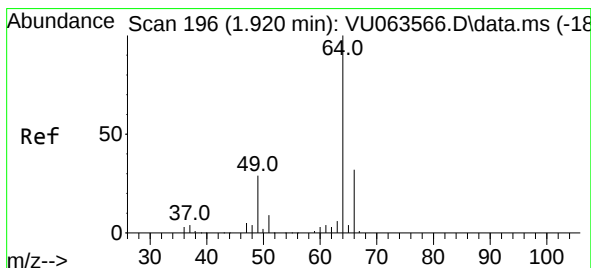
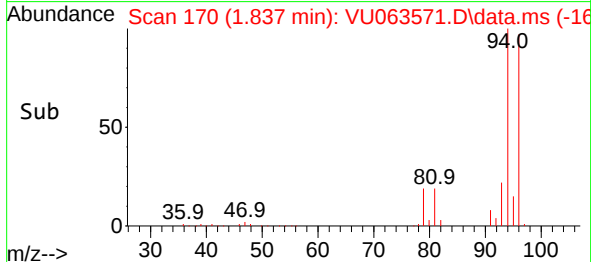
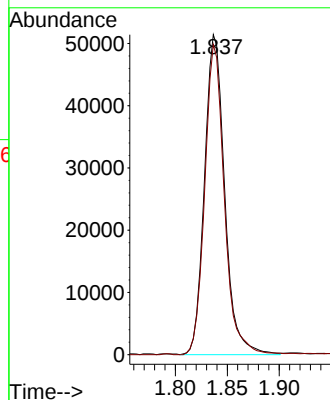
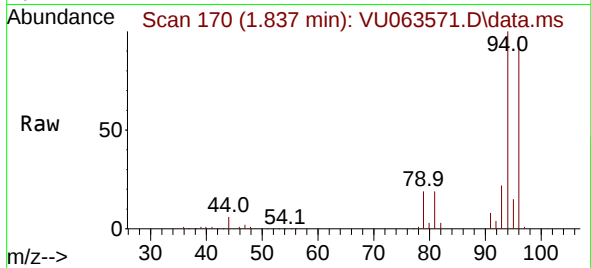




#5
Bromomethane
Concen: 8.676 ug/l
RT: 1.837 min Scan# 171
Delta R.T. -0.003 min
Lab File: VU063571.D
Acq: 15 Sep 2025 08:48

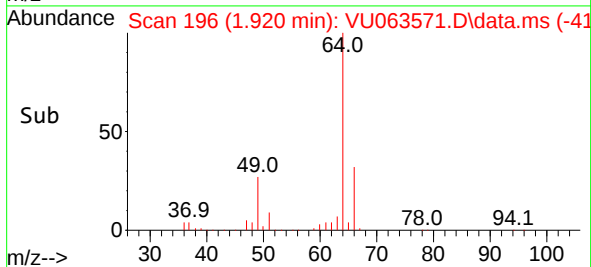
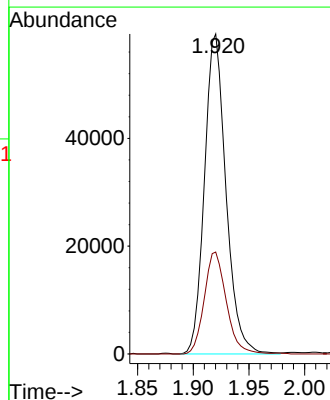
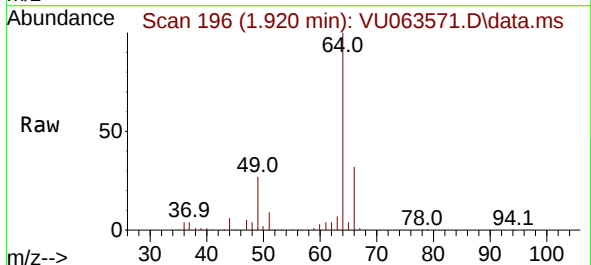
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ClientSampleId :

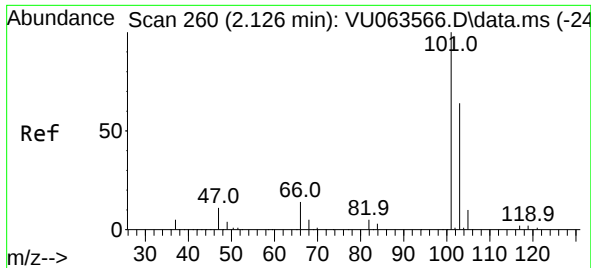
Tgt Ion: 94 Resp: 69531
Ion Ratio Lower Upper
94 100
96 96.9 75.1 112.7



#6
Chloroethane
Concen: 9.563 ug/l
RT: 1.920 min Scan# 196
Delta R.T. -0.000 min
Lab File: VU063571.D
Acq: 15 Sep 2025 08:48

Tgt Ion: 64 Resp: 79812
Ion Ratio Lower Upper
64 100
66 31.9 25.4 38.0

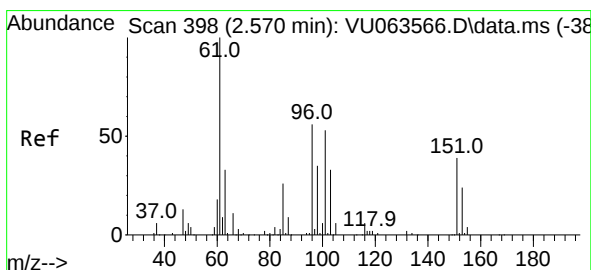
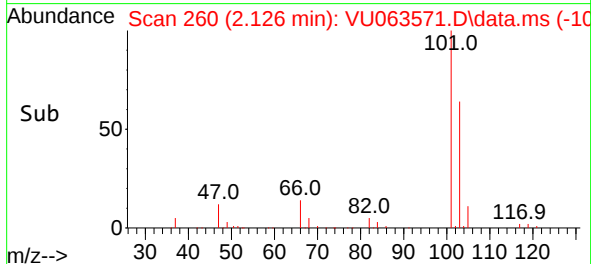
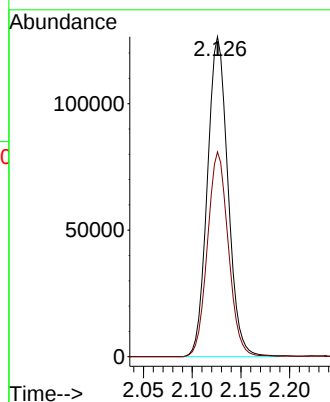
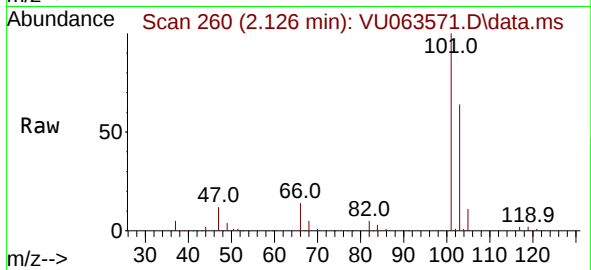




#7
 Trichlorofluoromethane
 Concen: 9.758 ug/l
 RT: 2.126 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VU063571.D
 Acq: 15 Sep 2025 08:48

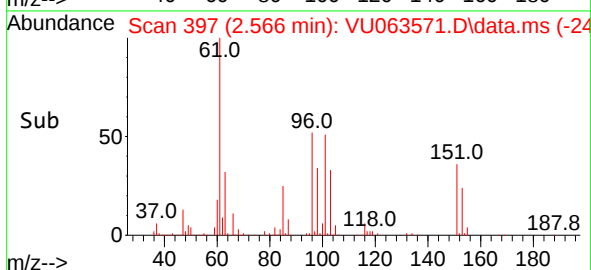
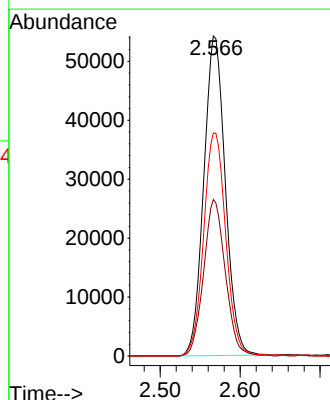
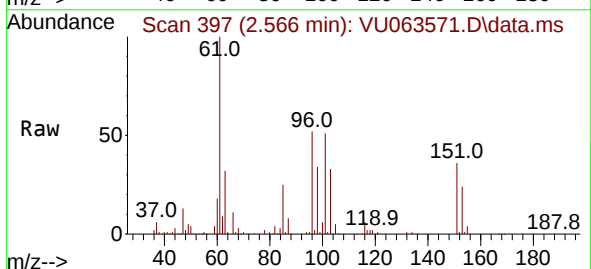
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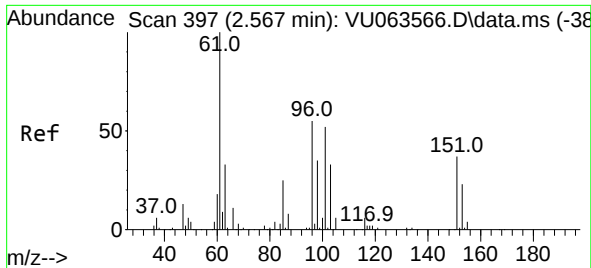
Tgt Ion:101 Resp: 185893
 Ion Ratio Lower Upper
 101 100
 103 64.0 50.8 76.2



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 9.520 ug/l
 RT: 2.566 min Scan# 397
 Delta R.T. -0.003 min
 Lab File: VU063571.D
 Acq: 15 Sep 2025 08:48

Tgt Ion:101 Resp: 101532
 Ion Ratio Lower Upper
 101 100
 85 49.2 38.7 58.1
 151 70.8 58.2 87.2

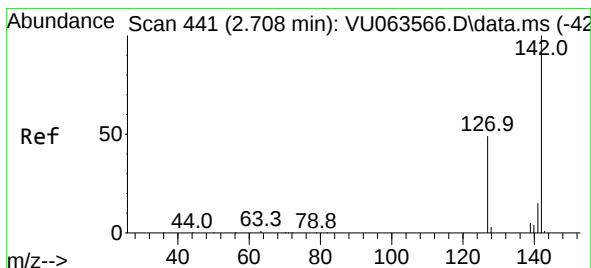
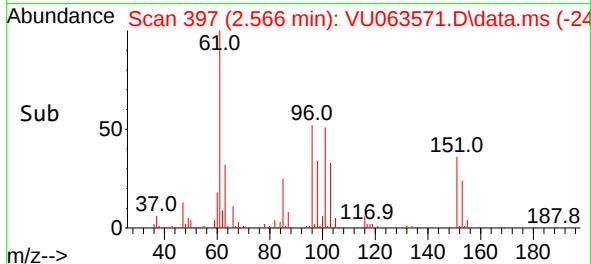
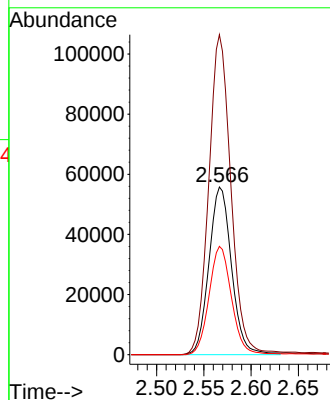
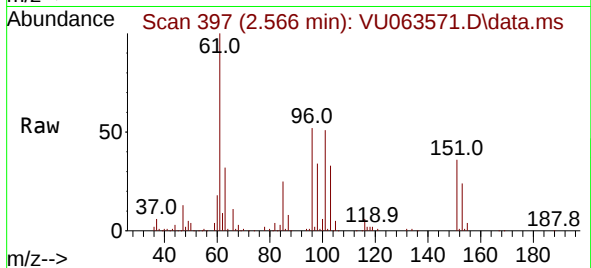




#9
1,1-Dichloroethene
Concen: 9.613 ug/l
RT: 2.566 min Scan# 397
Delta R.T. -0.000 min
Lab File: VU063571.D
Acq: 15 Sep 2025 08:48

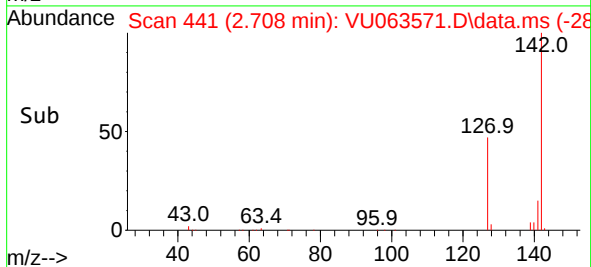
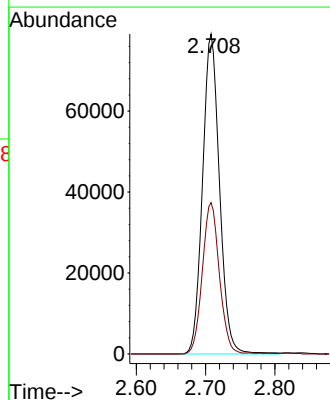
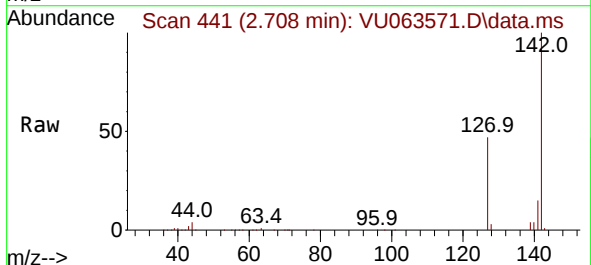
Instrument :
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ClientSampleId :

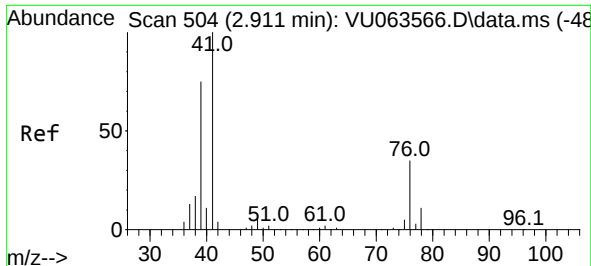
Tgt Ion: 96 Resp: 92869
Ion Ratio Lower Upper
96 100
61 190.8 0.0 543.9
98 64.6 0.0 125.8



#10
Iodomethane
Concen: 9.657 ug/l
RT: 2.708 min Scan# 441
Delta R.T. -0.000 min
Lab File: VU063571.D
Acq: 15 Sep 2025 08:48

Tgt Ion: 142 Resp: 134229
Ion Ratio Lower Upper
142 100
127 47.4 38.6 58.0





#11

Allyl Chloride

Concen: 10.191 ug/l

RT: 2.907 min Scan# 504

Delta R.T. -0.003 min

Lab File: VU063571.D

Acq: 15 Sep 2025 08:48

Instrument :

MSVOA_U

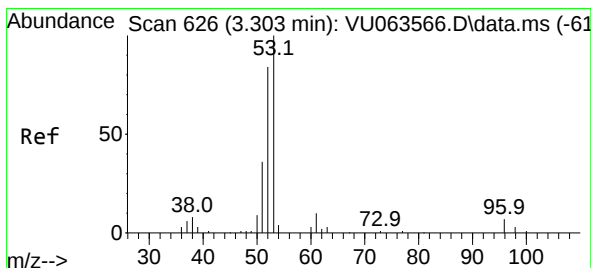
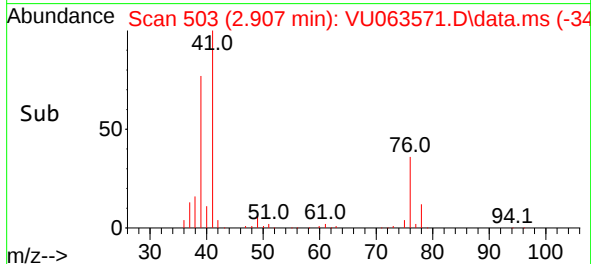
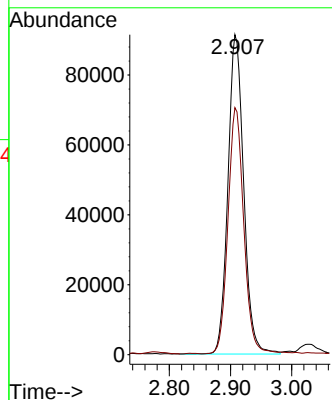
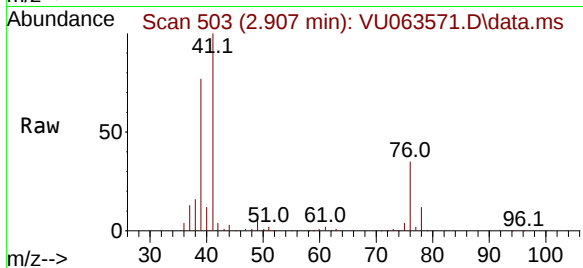
ClientSampleId :

Tgt Ion: 41 Resp: 163714

Ion Ratio Lower Upper

41 100

39 77.2 61.2 91.8



#12

Acrylonitrile

Concen: 19.829 ug/l

RT: 3.303 min Scan# 626

Delta R.T. -0.000 min

Lab File: VU063571.D

Acq: 15 Sep 2025 08:48

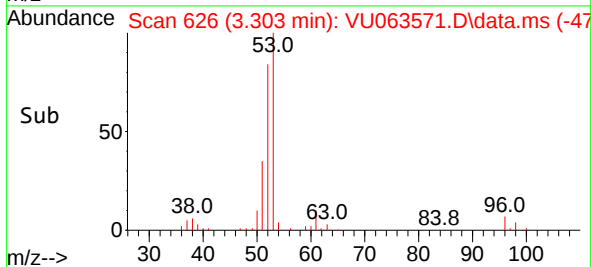
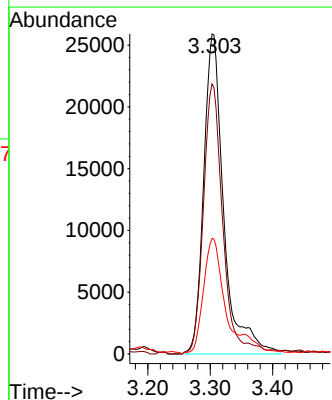
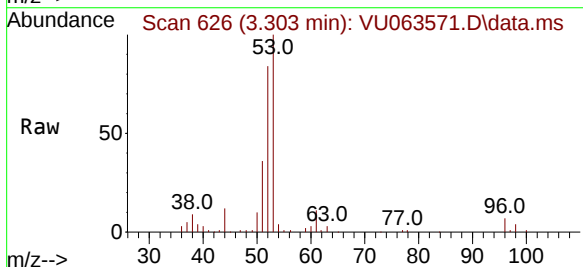
Tgt Ion: 53 Resp: 57989

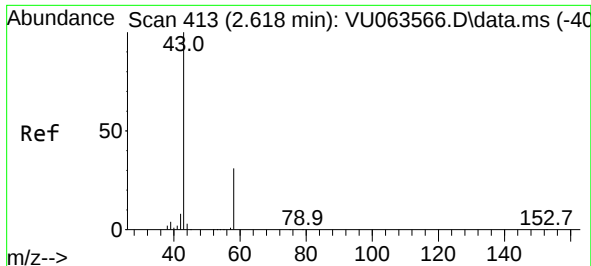
Ion Ratio Lower Upper

53 100

52 81.2 65.0 97.4

51 36.2 31.2 46.8





#13

Acetone

Concen: 57.206 ug/l

RT: 2.618 min Scan# 413

Delta R.T. -0.000 min

Lab File: VU063571.D

Acq: 15 Sep 2025 08:48

Instrument :

MSVOA_U

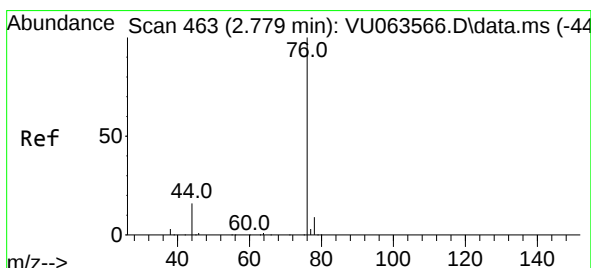
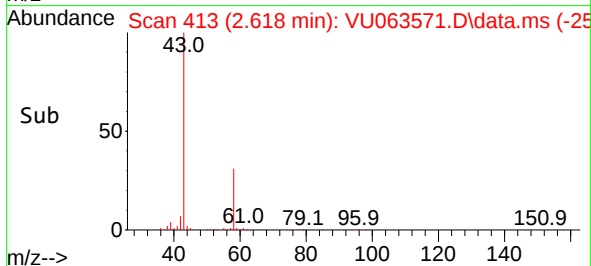
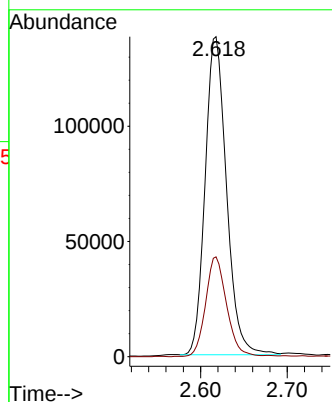
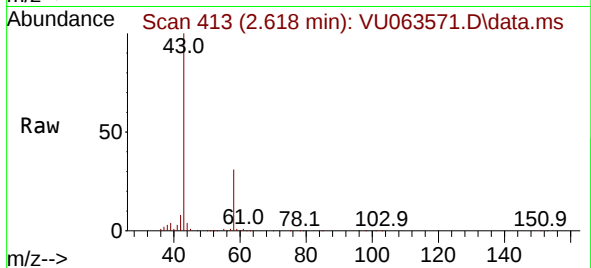
ClientSampleId :

Tgt Ion: 43 Resp: 236835

Ion Ratio Lower Upper

43 100

58 31.3 24.7 37.1



#14

Carbon Disulfide

Concen: 10.687 ug/l

RT: 2.779 min Scan# 463

Delta R.T. -0.000 min

Lab File: VU063571.D

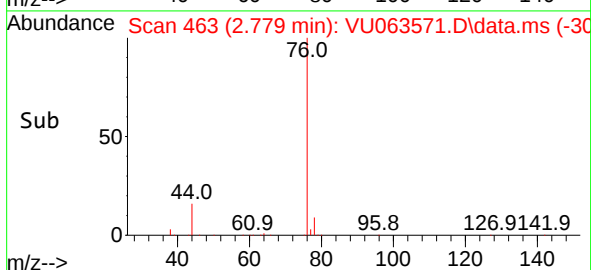
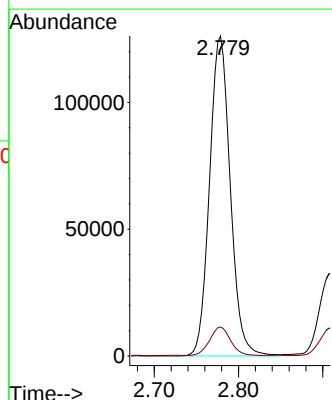
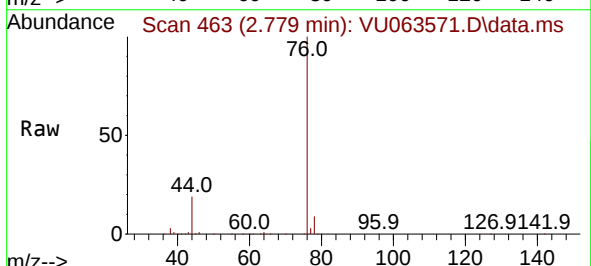
Acq: 15 Sep 2025 08:48

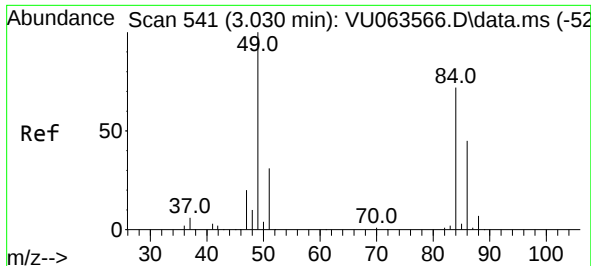
Tgt Ion: 76 Resp: 215718

Ion Ratio Lower Upper

76 100

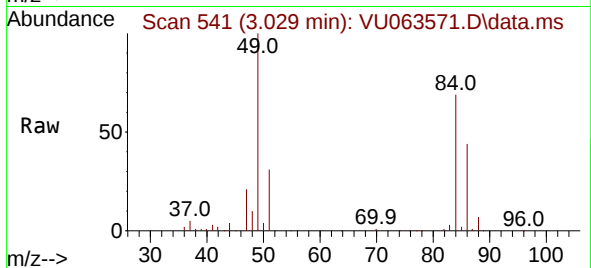
78 8.9 7.3 10.9





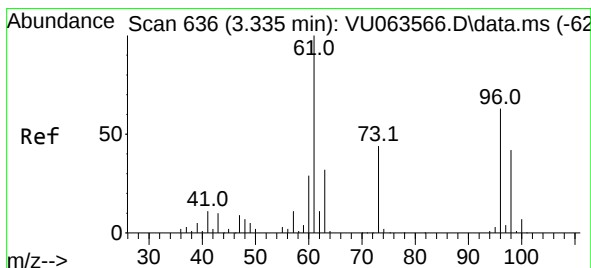
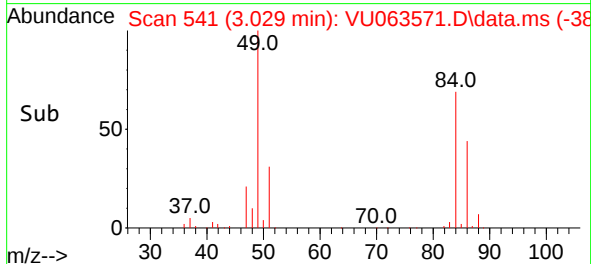
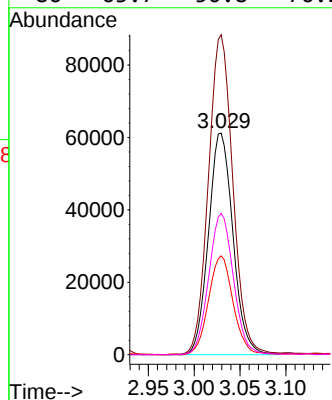
#15
Methylene Chloride
Concen: 8.919 ug/l
RT: 3.029 min Scan# 541
Delta R.T. -0.000 min
Lab File: VU063571.D
Acq: 15 Sep 2025 08:48

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 84 Resp: 113861

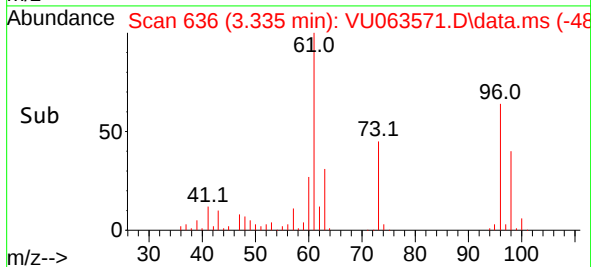
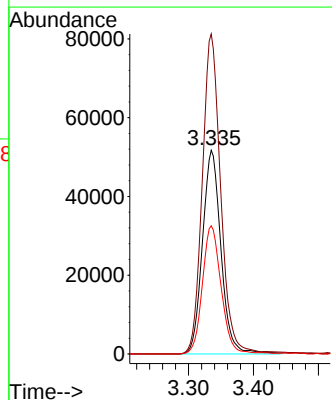
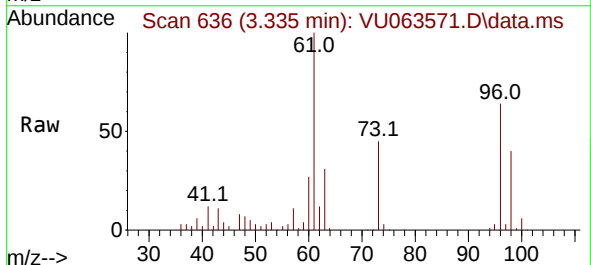
Ion	Ratio	Lower	Upper
84	100		
49	144.1	111.8	167.6
51	44.6	0.0	86.0
86	63.7	50.8	76.2

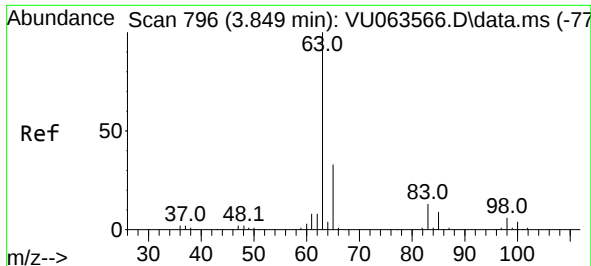


#16
trans-1,2-Dichloroethene
Concen: 9.982 ug/l
RT: 3.335 min Scan# 636
Delta R.T. -0.000 min
Lab File: VU063571.D
Acq: 15 Sep 2025 08:48

Tgt Ion: 96 Resp: 102761

Ion	Ratio	Lower	Upper
96	100		
61	157.1	127.8	191.6
98	63.0	53.8	80.8

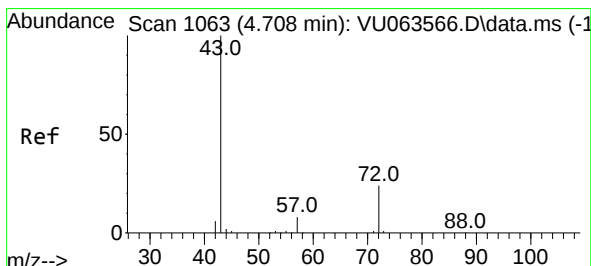
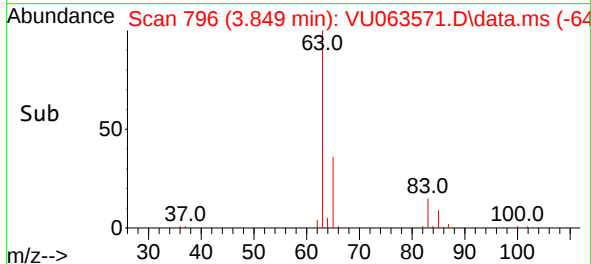
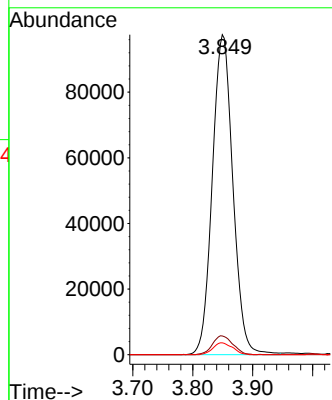
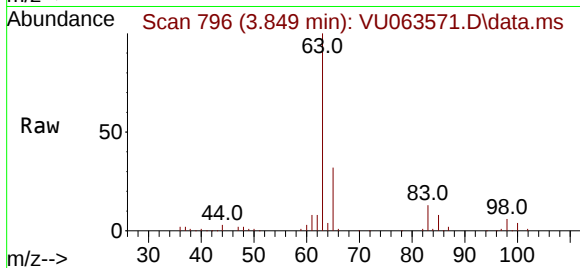




#17
 1,1-Dichloroethane
 Concen: 9.845 ug/l
 RT: 3.849 min Scan# 796
 Delta R.T. -0.000 min
 Lab File: VU063571.D
 Acq: 15 Sep 2025 08:48

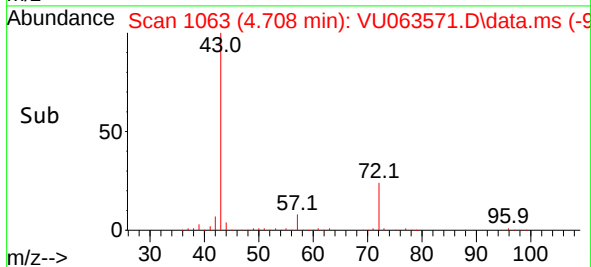
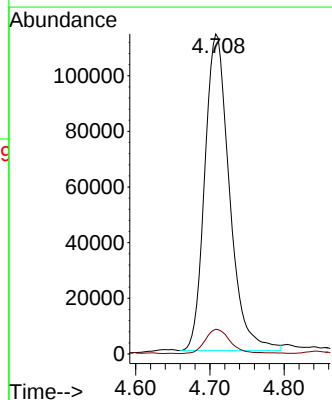
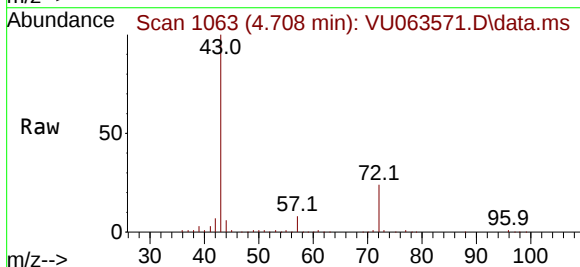
Instrument :
 MSVOA_U
 ClientSampleId :

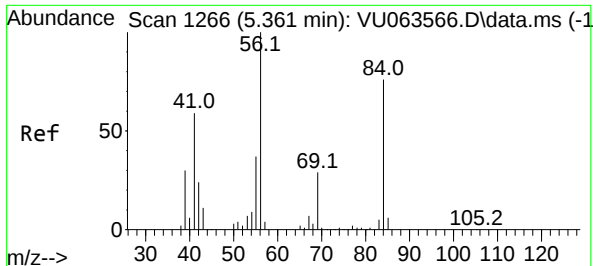
Tgt Ion: 63 Resp: 232141
 Ion Ratio Lower Upper
 63 100
 98 5.9 2.9 8.8
 100 3.7 2.0 5.8



#18
 2-Butanone
 Concen: 55.792 ug/l
 RT: 4.708 min Scan# 1063
 Delta R.T. -0.000 min
 Lab File: VU063571.D
 Acq: 15 Sep 2025 08:48

Tgt Ion: 43 Resp: 263065
 Ion Ratio Lower Upper
 43 100
 57 7.7 0.0 15.8





#19

Cyclohexane

Concen: 8.931 ug/l

RT: 5.361 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063571.D

Acq: 15 Sep 2025 08:48

Instrument :

MSVOA_U

ClientSampleId :

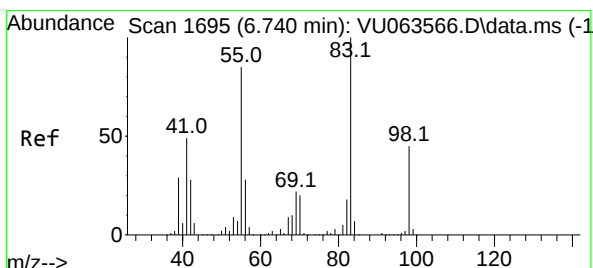
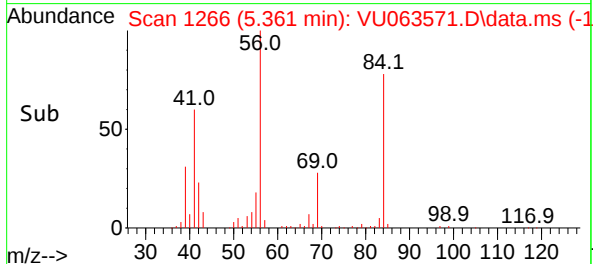
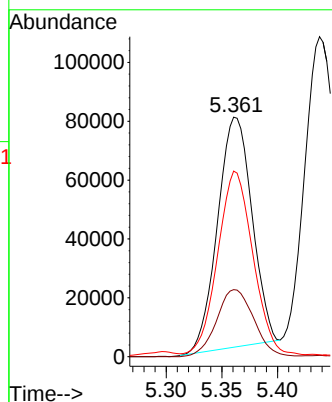
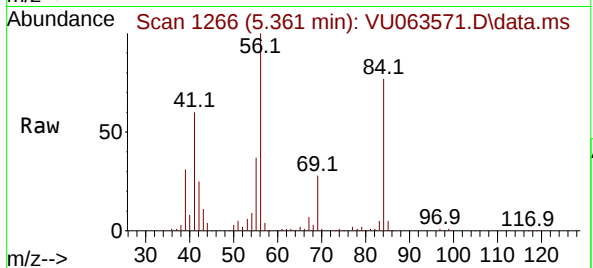
Tgt Ion: 56 Resp: 168669

Ion Ratio Lower Upper

56 100

69 30.9 22.7 34.1

84 80.3 59.4 89.0



#20

Methylcyclohexane

Concen: 9.955 ug/l

RT: 6.740 min Scan# 1695

Delta R.T. -0.000 min

Lab File: VU063571.D

Acq: 15 Sep 2025 08:48

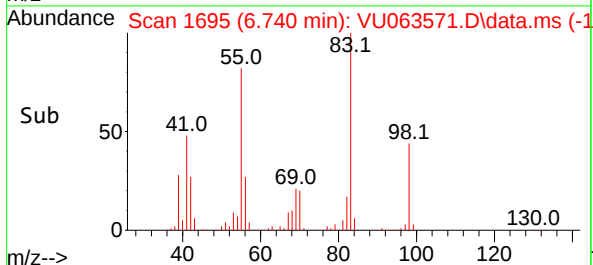
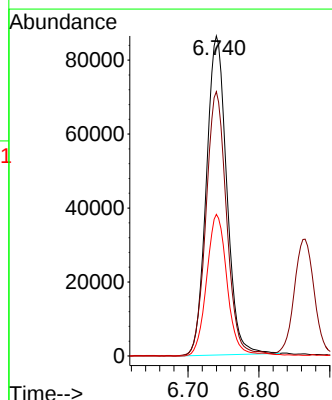
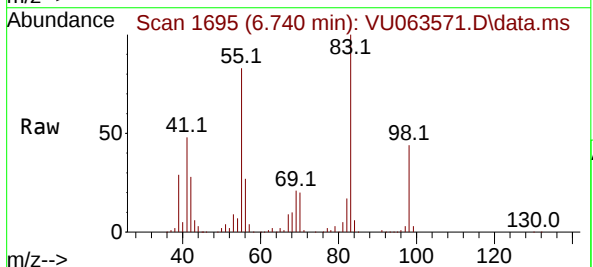
Tgt Ion: 83 Resp: 172365

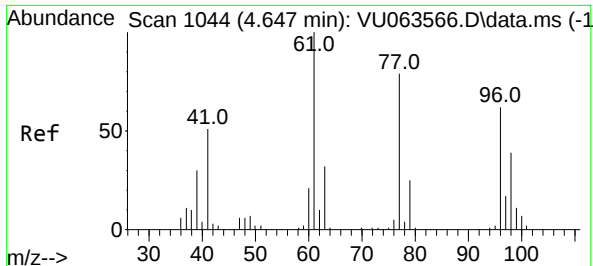
Ion Ratio Lower Upper

83 100

55 82.6 66.7 100.1

98 44.4 35.9 53.9





#21

2,2-Dichloropropane

Concen: 10.301 ug/l

RT: 4.647 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VU063571.D

Acq: 15 Sep 2025 08:48

Instrument :

MSVOA_U

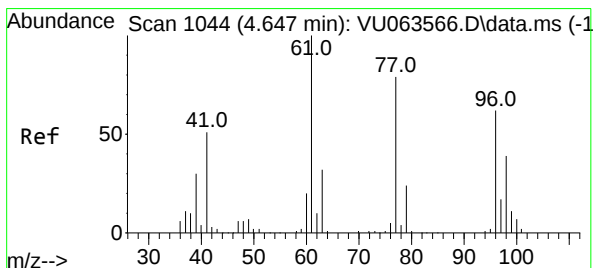
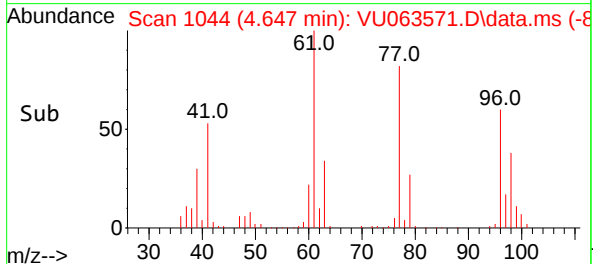
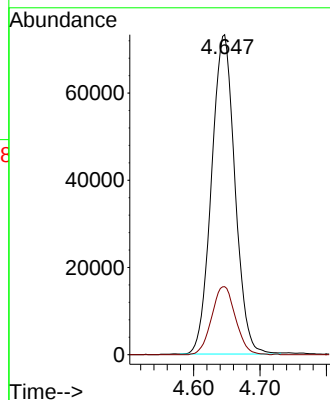
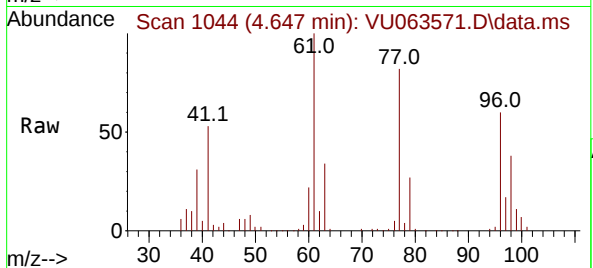
ClientSampleId :

Tgt Ion: 77 Resp: 179670

Ion Ratio Lower Upper

77 100

97 21.7 17.5 26.3



#22

cis-1,2-Dichloroethene

Concen: 9.784 ug/l

RT: 4.650 min Scan# 1045

Delta R.T. 0.003 min

Lab File: VU063571.D

Acq: 15 Sep 2025 08:48

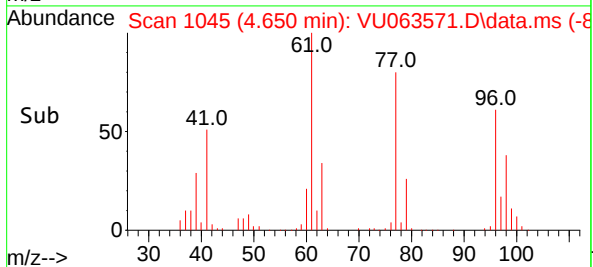
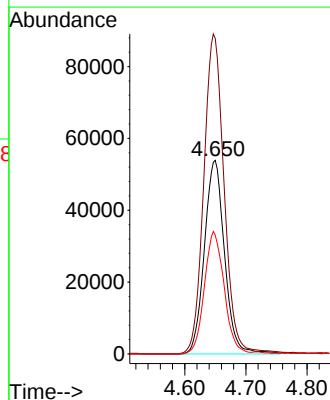
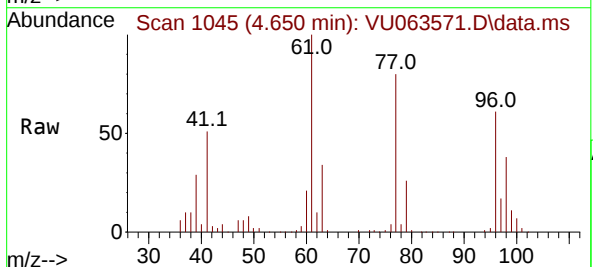
Tgt Ion: 96 Resp: 123648

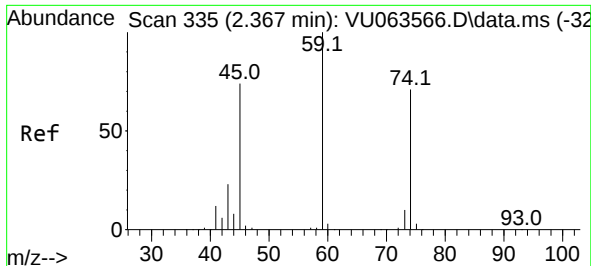
Ion Ratio Lower Upper

96 100

61 166.8 0.0 411.0

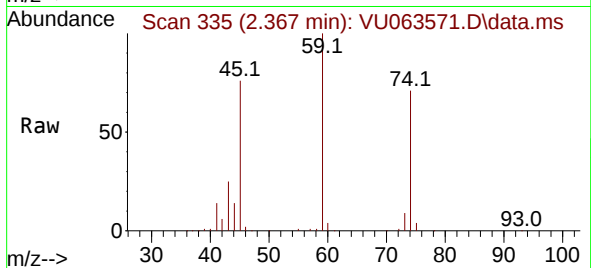
98 61.8 31.9 95.9



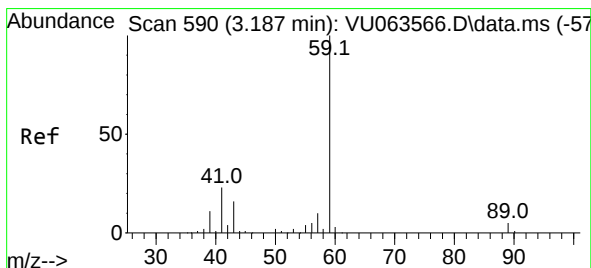
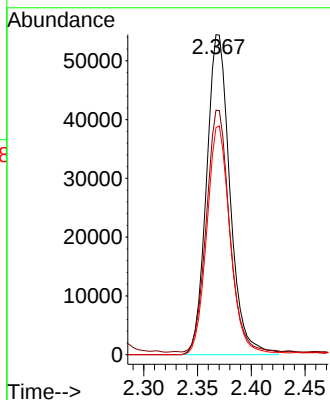
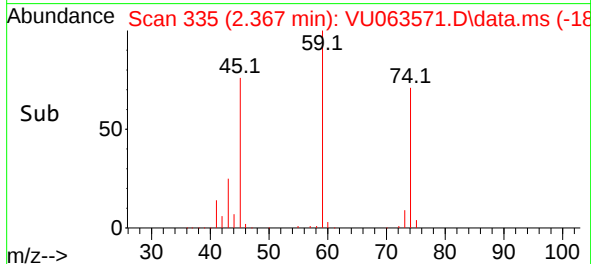


#23
Diethyl Ether
Concen: 9.648 ug/l
RT: 2.367 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU063571.D
Acq: 15 Sep 2025 08:48

Instrument :
MSVOA_U
ClientSampleId :

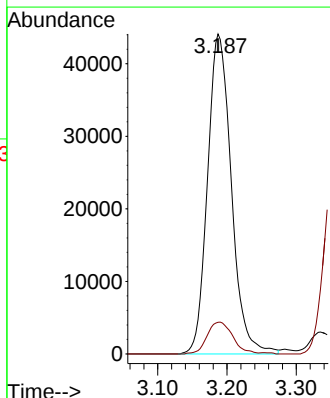
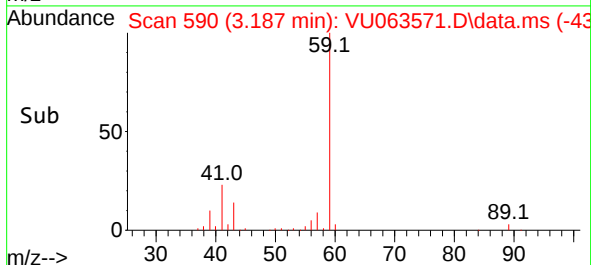
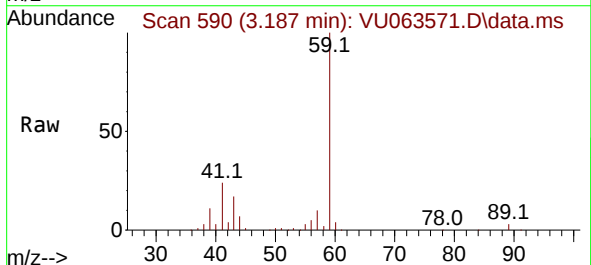


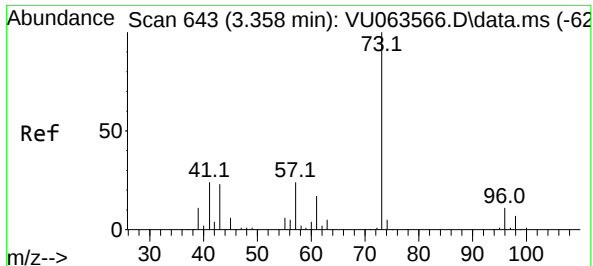
Tgt Ion: 59 Resp: 82617
Ion Ratio Lower Upper
59 100
45 74.5 59.0 88.6
74 71.5 57.8 86.6



#24
tert-Butyl Alcohol
Concen: 92.870 ug/l
RT: 3.187 min Scan# 590
Delta R.T. -0.000 min
Lab File: VU063571.D
Acq: 15 Sep 2025 08:48

Tgt Ion: 59 Resp: 105406
Ion Ratio Lower Upper
59 100
57 10.7 8.6 12.8

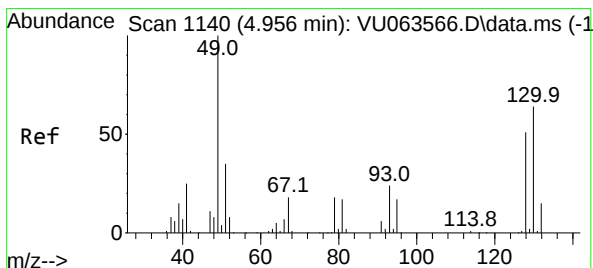
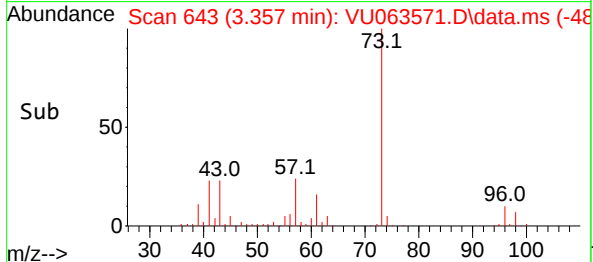
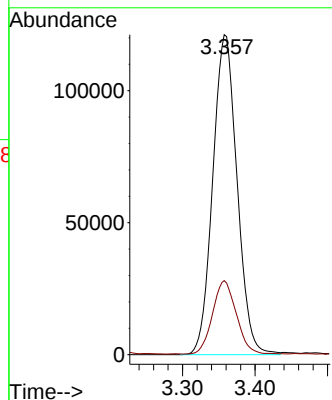
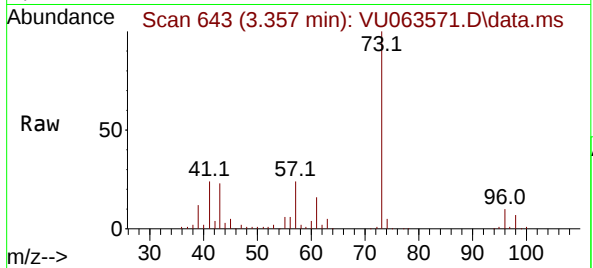




#25
Methyl tert-Butyl Ether
Concen: 9.783 ug/l
RT: 3.357 min Scan# 643
Delta R.T. -0.000 min
Lab File: VU063571.D
Acq: 15 Sep 2025 08:48

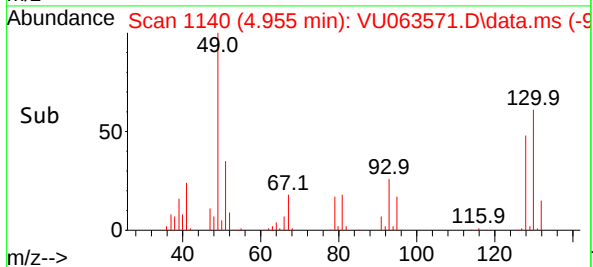
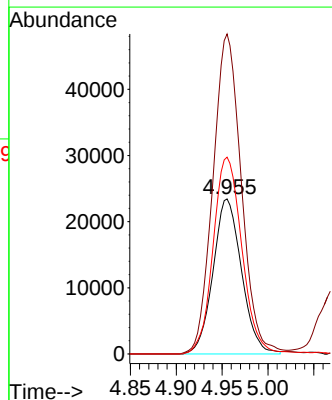
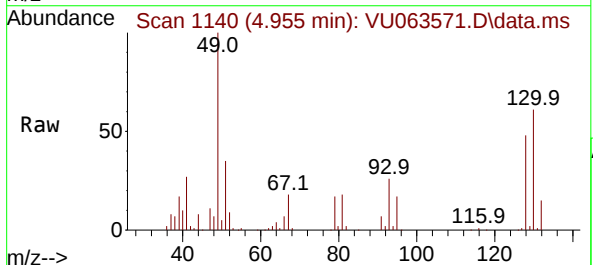
Instrument :
MSVOA_U
ClientSampleId :

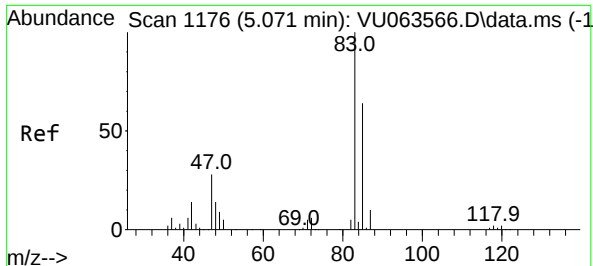
Tgt Ion: 73 Resp: 282232
Ion Ratio Lower Upper
73 100
43 22.4 18.1 27.1



#26
Bromochloromethane
Concen: 9.906 ug/l
RT: 4.955 min Scan# 1140
Delta R.T. -0.000 min
Lab File: VU063571.D
Acq: 15 Sep 2025 08:48

Tgt Ion: 128 Resp: 50599
Ion Ratio Lower Upper
128 100
49 205.9 0.0 410.2
130 128.6 103.4 155.0





#27

Chloroform

Concen: 9.634 ug/l

RT: 5.071 min Scan# 1176

Delta R.T. -0.000 min

Lab File: VU063571.D

Acq: 15 Sep 2025 08:48

Instrument :

MSVOA_U

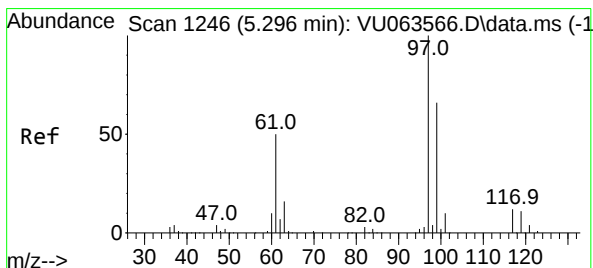
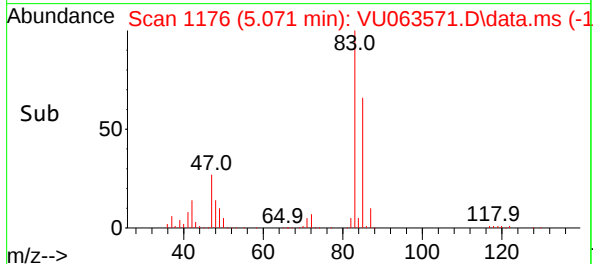
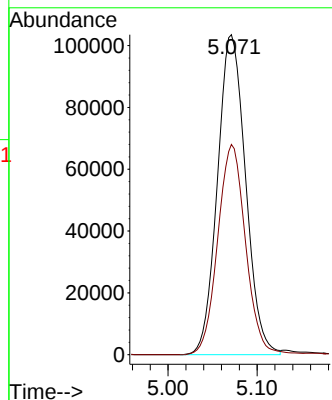
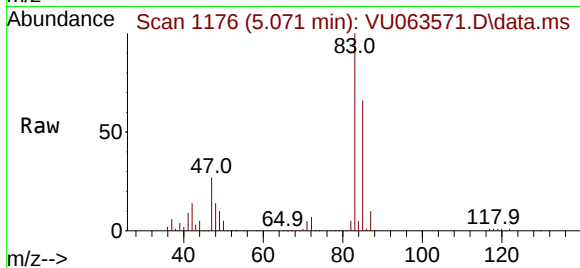
ClientSampleId :

Tgt Ion: 83 Resp: 227347

Ion Ratio Lower Upper

83 100

85 65.7 0.0 128.6



#28

1,1,1-Trichloroethane

Concen: 10.147 ug/l

RT: 5.296 min Scan# 1246

Delta R.T. -0.000 min

Lab File: VU063571.D

Acq: 15 Sep 2025 08:48

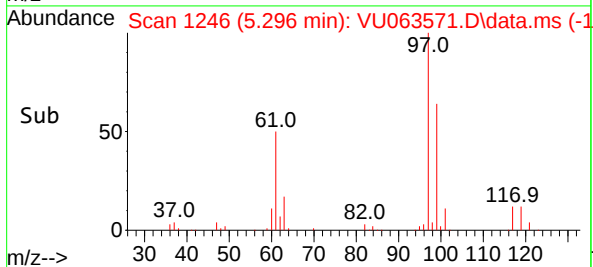
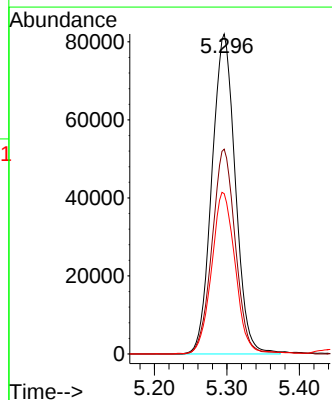
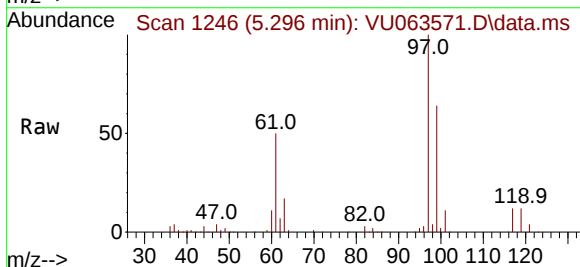
Tgt Ion: 97 Resp: 184048

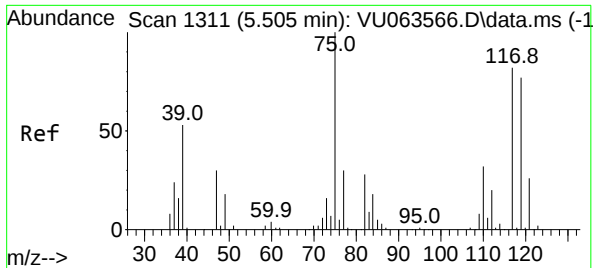
Ion Ratio Lower Upper

97 100

99 64.1 32.4 97.0

61 50.6 25.1 75.4

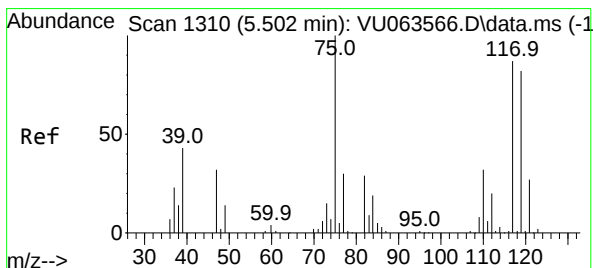
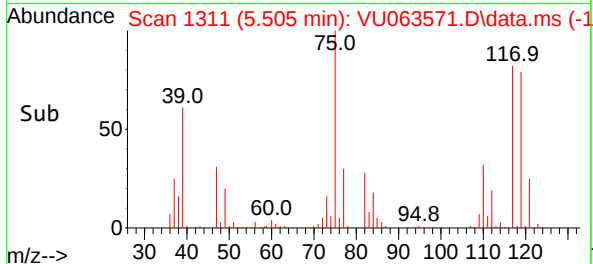
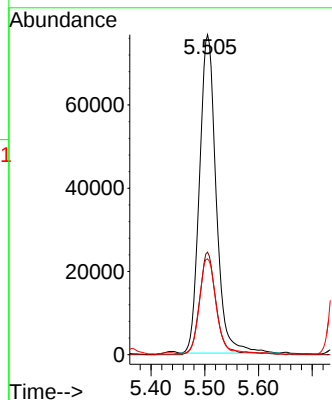
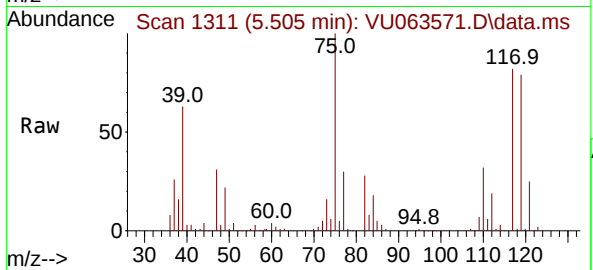




#29
1,1-Dichloropropene
Concen: 9.788 ug/l
RT: 5.505 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU063571.D
Acq: 15 Sep 2025 08:48

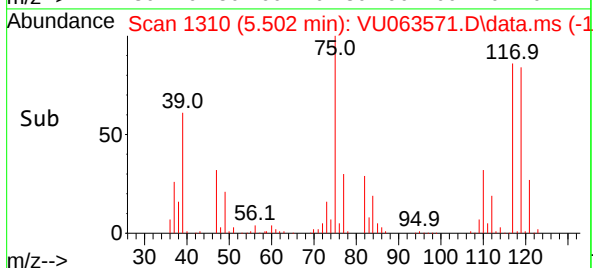
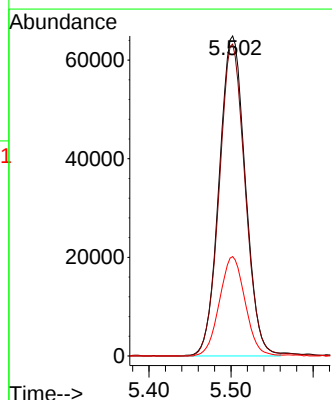
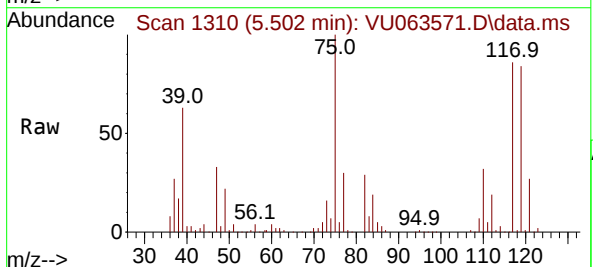
Instrument :
MSVOA_U
ClientSampleId :

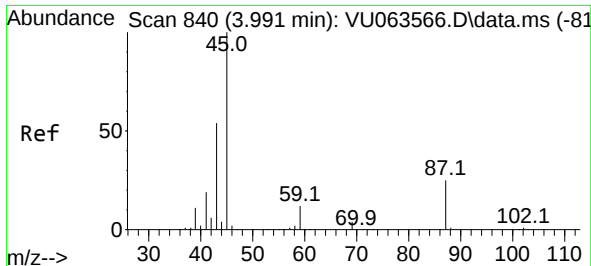
Tgt Ion: 75 Resp: 164960
Ion Ratio Lower Upper
75 100
110 31.5 16.4 49.4
77 29.6 24.6 37.0



#30
Carbon Tetrachloride
Concen: 10.776 ug/l
RT: 5.502 min Scan# 1310
Delta R.T. -0.000 min
Lab File: VU063571.D
Acq: 15 Sep 2025 08:48

Tgt Ion: 117 Resp: 143921
Ion Ratio Lower Upper
117 100
119 97.5 75.7 113.5
121 31.1 25.4 38.0

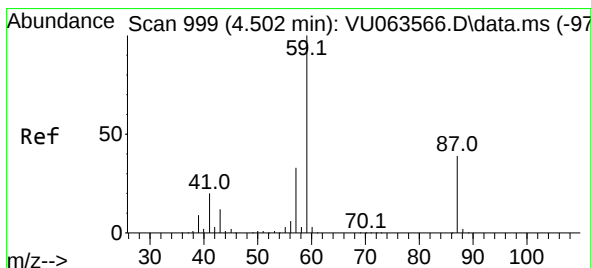
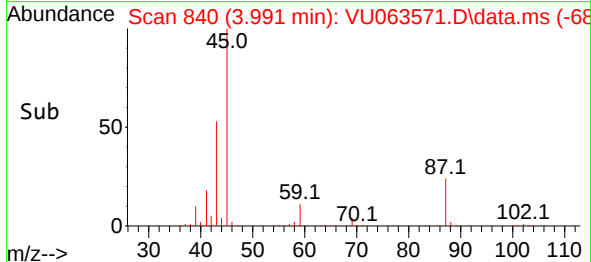
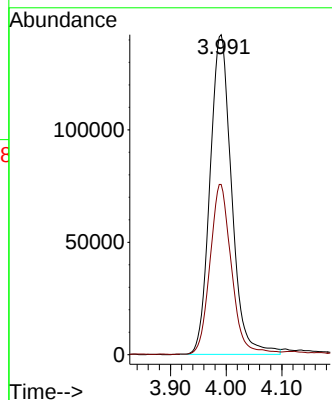
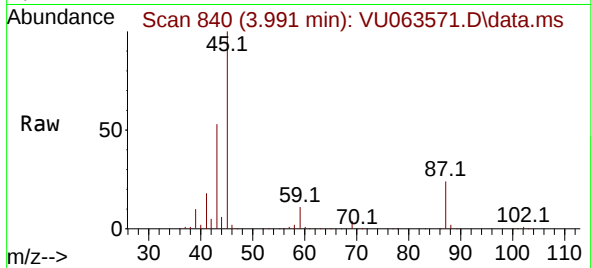




#31
Isopropyl Ether
Concen: 9.711 ug/l
RT: 3.991 min Scan# 840
Delta R.T. -0.000 min
Lab File: VU063571.D
Acq: 15 Sep 2025 08:48

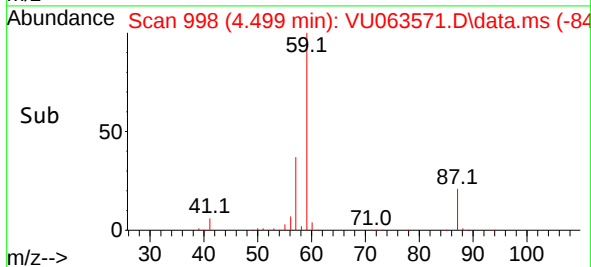
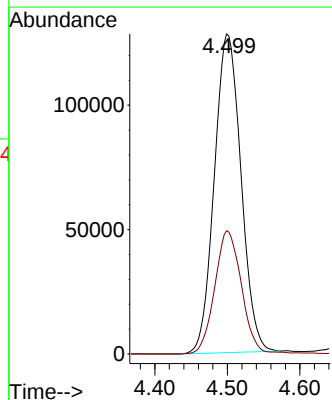
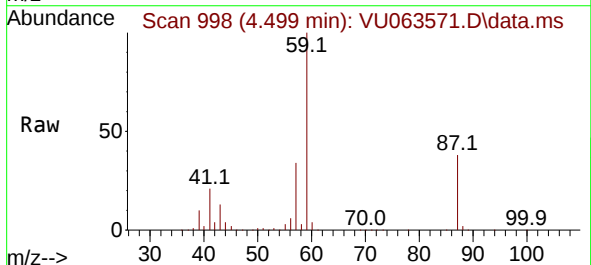
Instrument :
MSVOA_U
ClientSampleId :

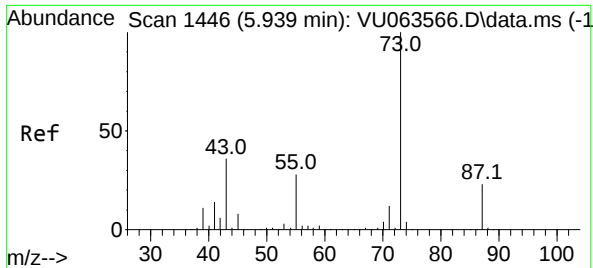
Tgt Ion: 45 Resp: 383816
Ion Ratio Lower Upper
45 100
43 52.5 26.2 78.6



#32
Ethyl-t-butyl ether
Concen: 9.687 ug/l
RT: 4.499 min Scan# 998
Delta R.T. -0.003 min
Lab File: VU063571.D
Acq: 15 Sep 2025 08:48

Tgt Ion: 59 Resp: 327079
Ion Ratio Lower Upper
59 100
87 38.3 31.2 46.8

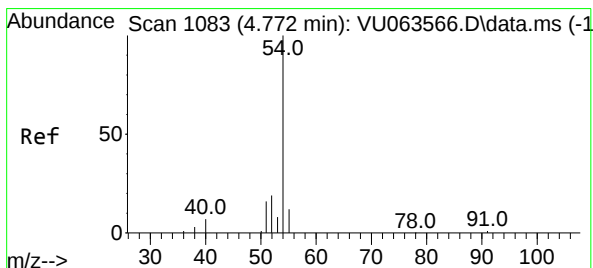
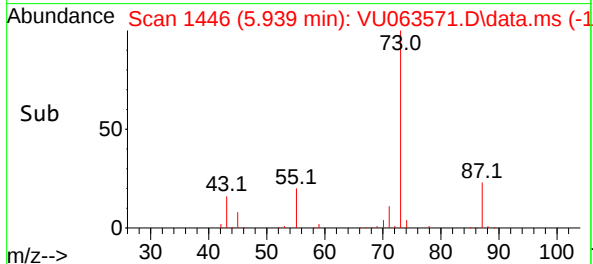
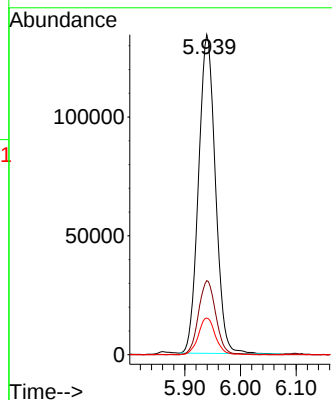
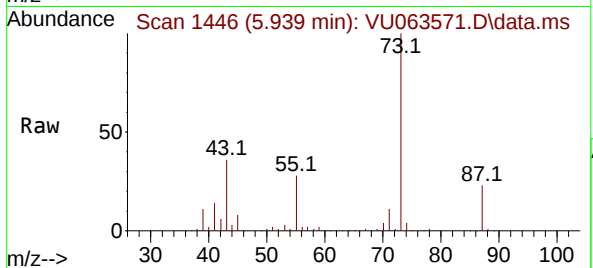




#33
Tert-Amyl methyl ether
Concen: 9.804 ug/l
RT: 5.939 min Scan# 1446
Delta R.T. -0.000 min
Lab File: VU063571.D
Acq: 15 Sep 2025 08:48

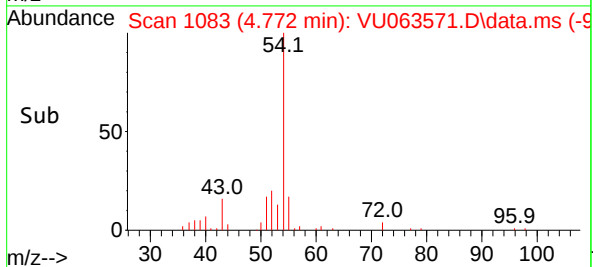
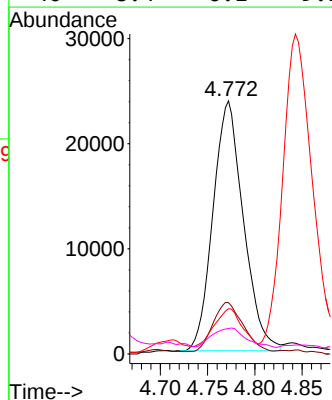
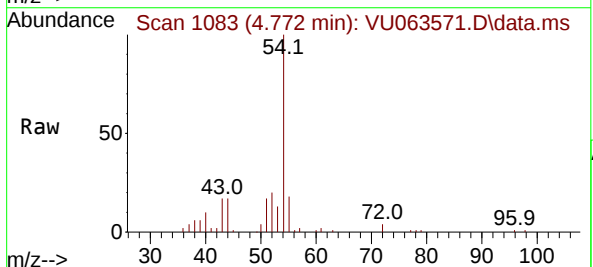
Instrument :
MSVOA_U
ClientSampleId :

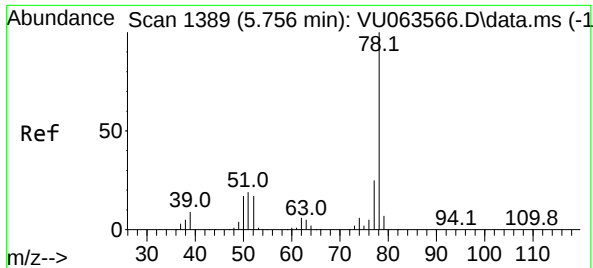
Tgt Ion: 73 Resp: 282025
Ion Ratio Lower Upper
73 100
87 23.6 19.0 28.6
71 11.4 9.4 14.2



#34
Propionitrile
Concen: 48.204 ug/l
RT: 4.772 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VU063571.D
Acq: 15 Sep 2025 08:48

Tgt Ion: 54 Resp: 53163
Ion Ratio Lower Upper
54 100
52 19.6 15.2 22.8
55 15.8 11.7 17.5
40 8.4 6.1 9.1





#35

Benzene

Concen: 9.649 ug/l

RT: 5.756 min Scan# 1389

Delta R.T. -0.000 min

Lab File: VU063571.D

Acq: 15 Sep 2025 08:48

Instrument :

MSVOA_U

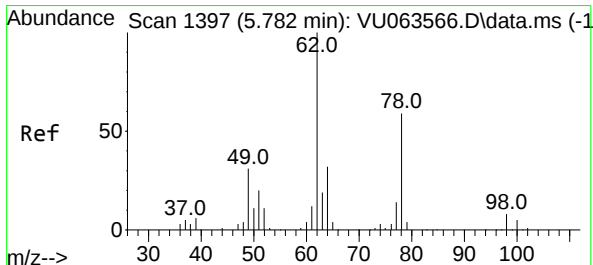
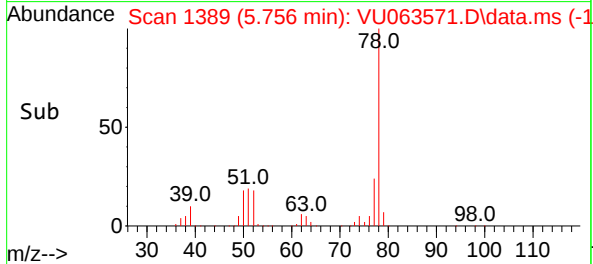
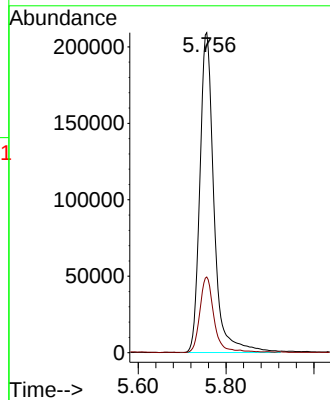
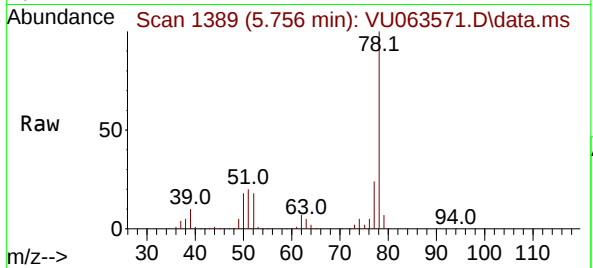
ClientSampleId :

Tgt Ion: 78 Resp: 468163

Ion Ratio Lower Upper

78 100

77 23.6 19.8 29.8



#36

1,2-Dichloroethane

Concen: 9.658 ug/l

RT: 5.782 min Scan# 1397

Delta R.T. -0.000 min

Lab File: VU063571.D

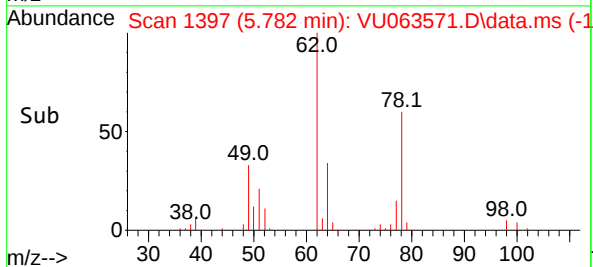
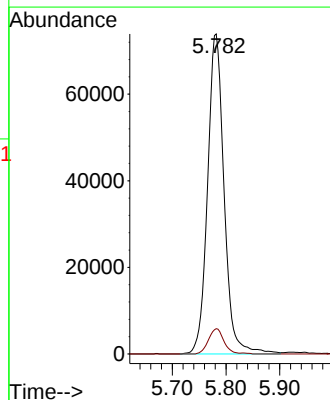
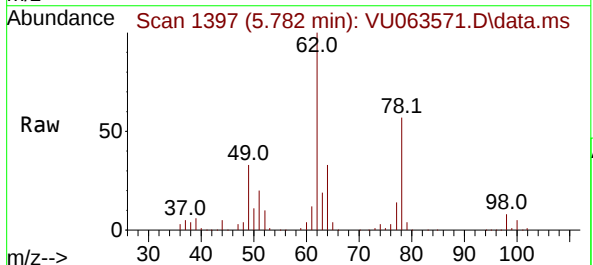
Acq: 15 Sep 2025 08:48

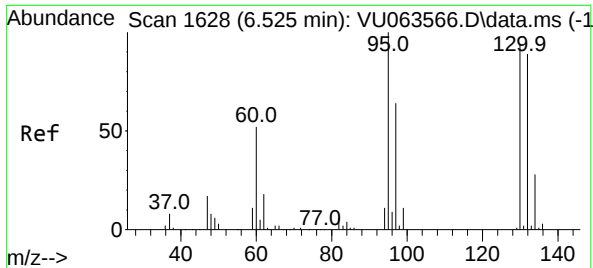
Tgt Ion: 62 Resp: 158110

Ion Ratio Lower Upper

62 100

98 7.3 6.3 9.5





#37

Trichloroethene

Concen: 9.736 ug/l

RT: 6.524 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063571.D

Acq: 15 Sep 2025 08:48

Instrument :

MSVOA_U

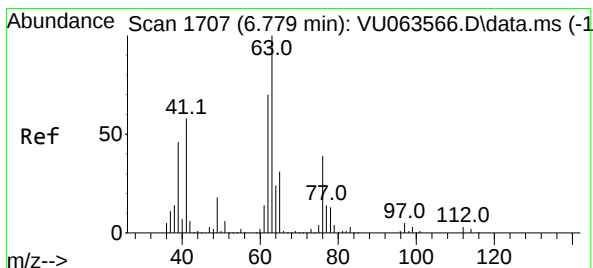
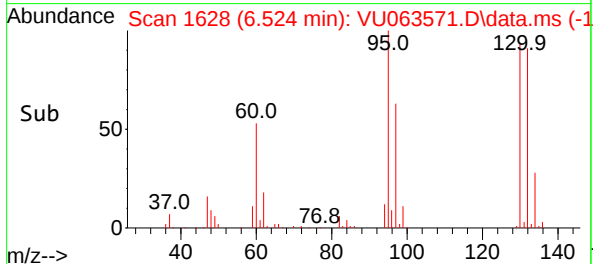
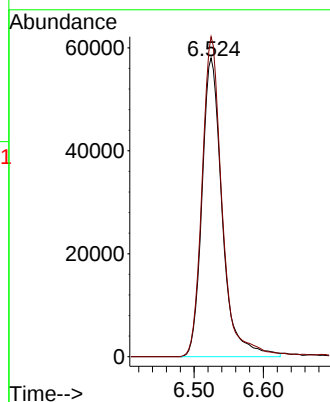
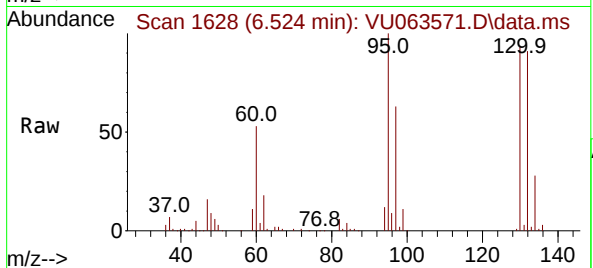
ClientSampleId :

Tgt Ion:130 Resp: 117575

Ion Ratio Lower Upper

130 100

95 107.1 85.4 128.2



#38

1,2-Dichloropropane

Concen: 9.918 ug/l

RT: 6.778 min Scan# 1707

Delta R.T. -0.000 min

Lab File: VU063571.D

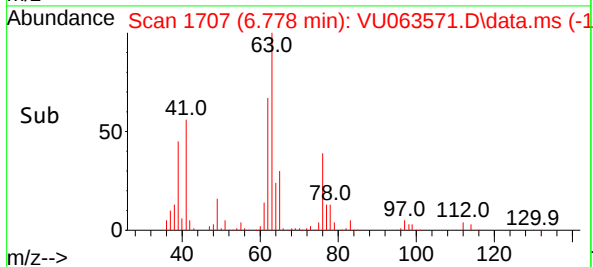
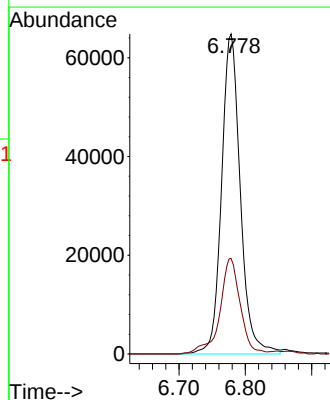
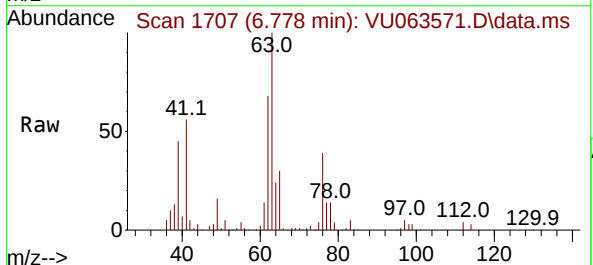
Acq: 15 Sep 2025 08:48

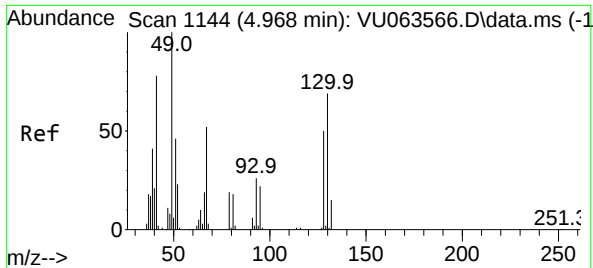
Tgt Ion: 63 Resp: 127488

Ion Ratio Lower Upper

63 100

65 29.8 24.9 37.3

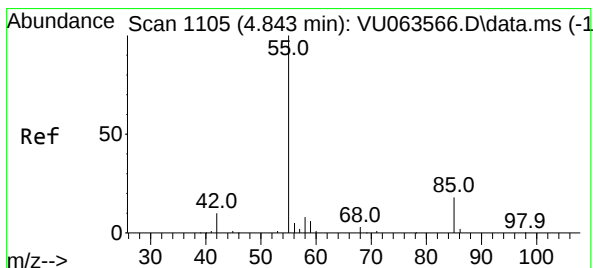
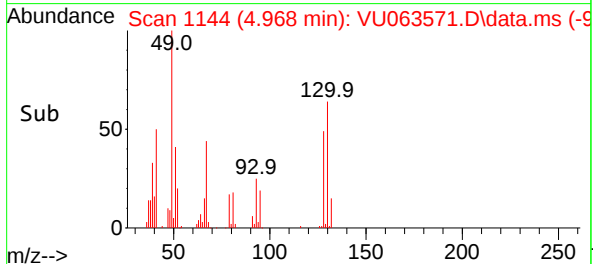
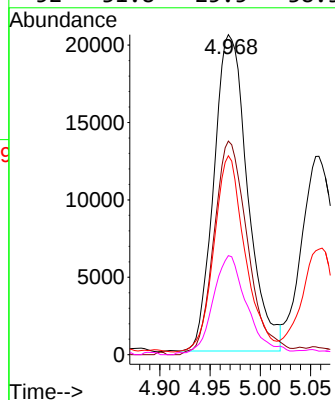
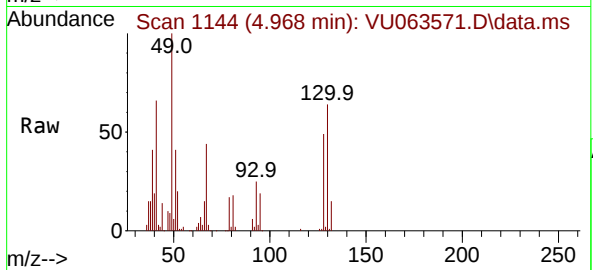




#39
Methacrylonitrile
Concen: 9.174 ug/l
RT: 4.968 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VU063571.D
Acq: 15 Sep 2025 08:48

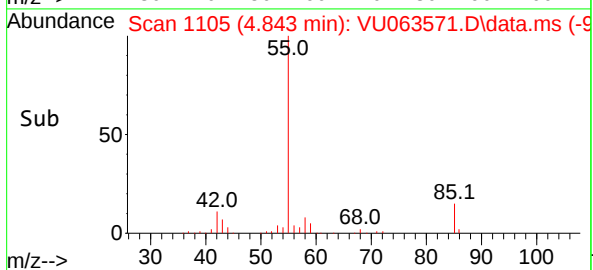
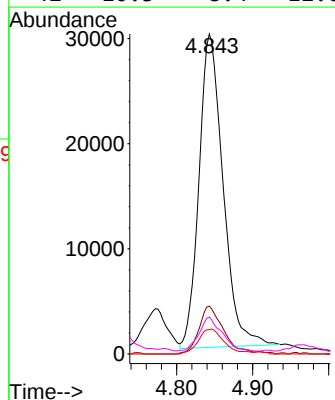
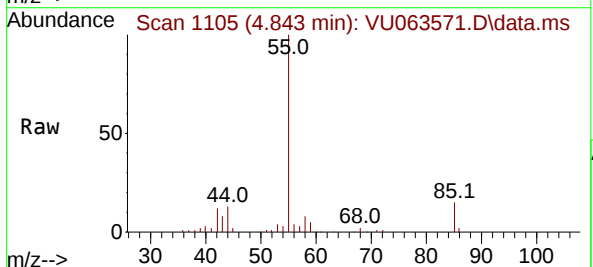
Instrument :
MSVOA_U
ClientSampleId :

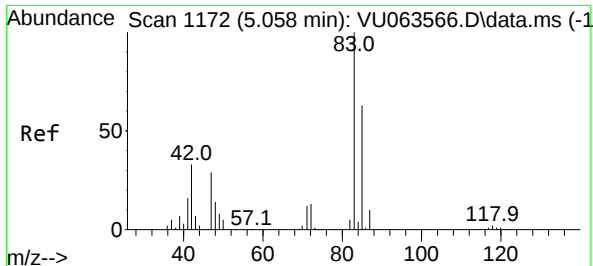
Tgt Ion:	41	Resp:	47761
Ion	Ratio	Lower	Upper
41	100		
67	67.6	57.7	86.5
39	57.2	44.6	67.0
52	31.8	25.5	38.3



#40
Methyl acrylate
Concen: 9.204 ug/l
RT: 4.843 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VU063571.D
Acq: 15 Sep 2025 08:48

Tgt Ion:	55	Resp:	65690
Ion	Ratio	Lower	Upper
55	100		
85	15.3	12.8	19.2
58	8.5	6.6	10.0
42	10.3	8.4	12.6





#41

Tetrahydrofuran

Concen: 18.152 ug/l

RT: 5.055 min Scan# 1171

Delta R.T. -0.003 min

Lab File: VU063571.D

Acq: 15 Sep 2025 08:48

Instrument :

MSVOA_U

ClientSampleId :

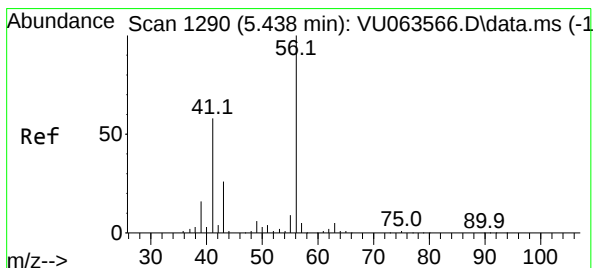
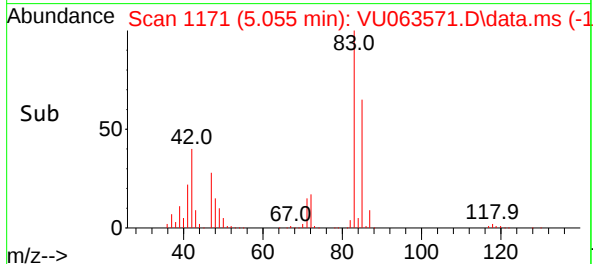
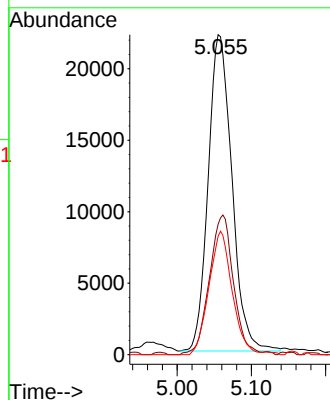
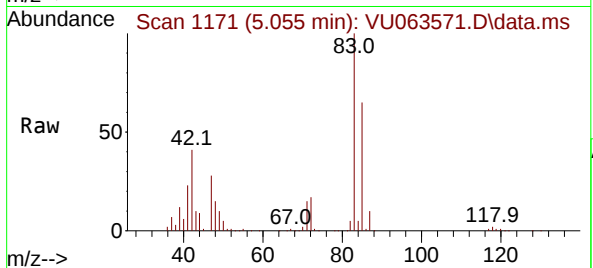
Tgt Ion: 42 Resp: 49263

Ion Ratio Lower Upper

42 100

72 44.5 34.1 51.1

71 38.0 29.9 44.9



#42

1-Chlorobutane

Concen: 10.048 ug/l

RT: 5.438 min Scan# 1290

Delta R.T. -0.000 min

Lab File: VU063571.D

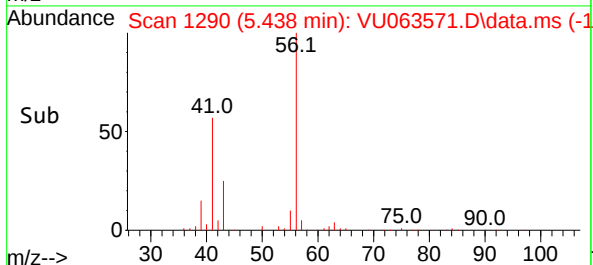
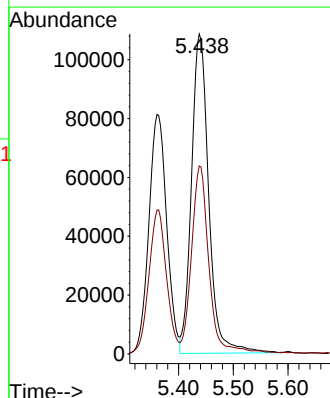
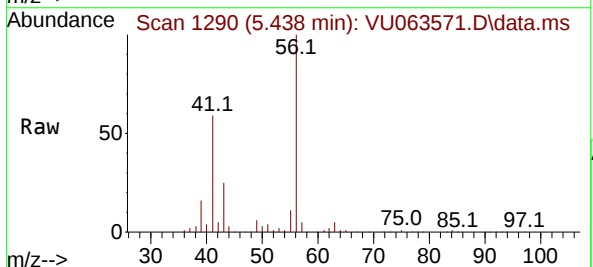
Acq: 15 Sep 2025 08:48

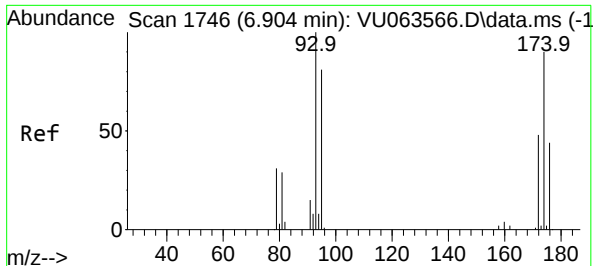
Tgt Ion: 56 Resp: 237403

Ion Ratio Lower Upper

56 100

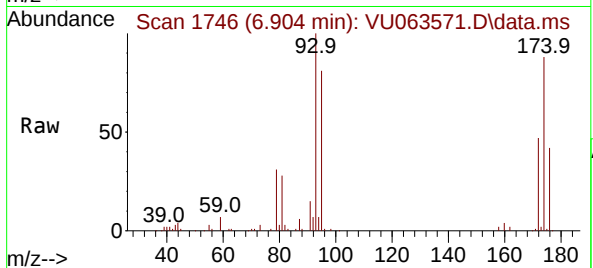
41 57.9 28.3 84.9





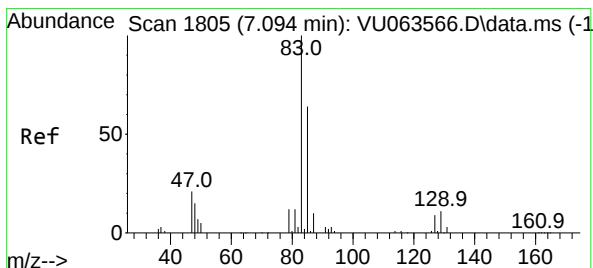
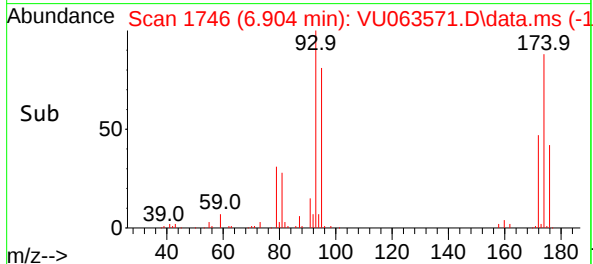
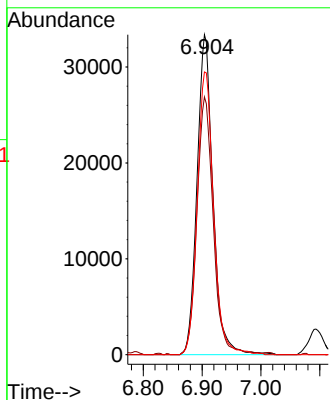
#43
Dibromomethane
Concen: 10.189 ug/l
RT: 6.904 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VU063571.D
Acq: 15 Sep 2025 08:48

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 93 Resp: 62794

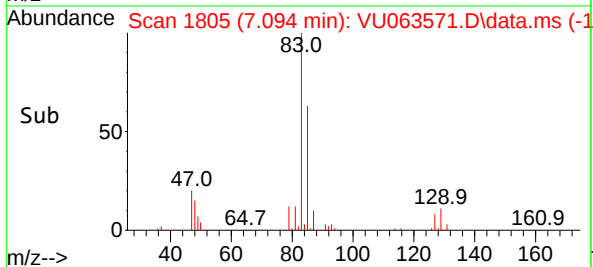
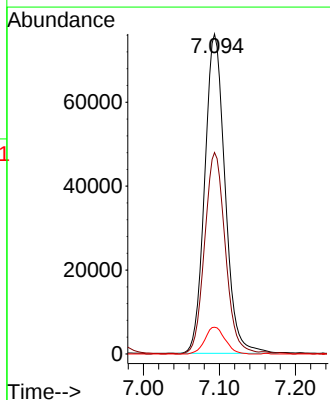
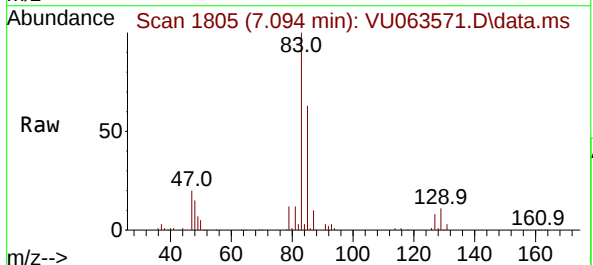
Ion	Ratio	Lower	Upper
93	100		
95	82.6	66.6	100.0
174	90.8	72.7	109.1

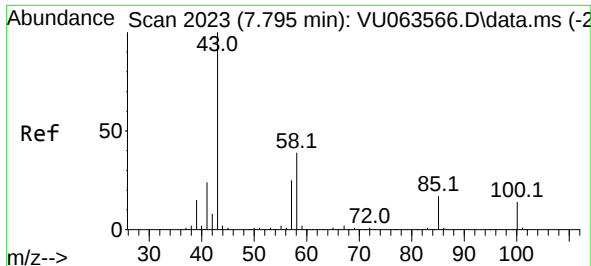


#44
Bromodichloromethane
Concen: 10.746 ug/l
RT: 7.094 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VU063571.D
Acq: 15 Sep 2025 08:48

Tgt Ion: 83 Resp: 141498

Ion	Ratio	Lower	Upper
83	100		
85	63.1	51.2	76.8
127	8.4	6.9	10.3





#45

4-Methyl-2-Pentanone

Concen: 51.669 ug/l

RT: 7.795 min Scan# 20

Delta R.T. -0.000 min

Lab File: VU063571.D

Acq: 15 Sep 2025 08:48

Instrument :

MSVOA_U

ClientSampleId :

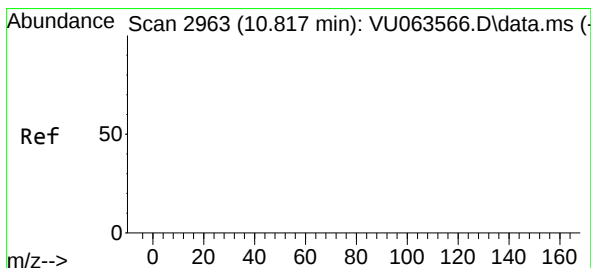
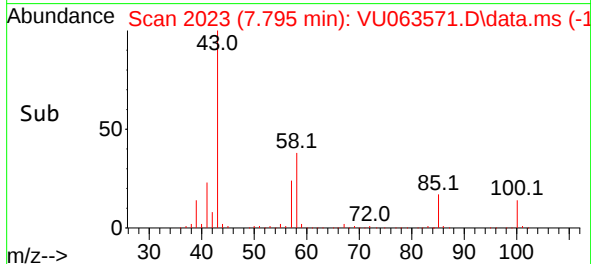
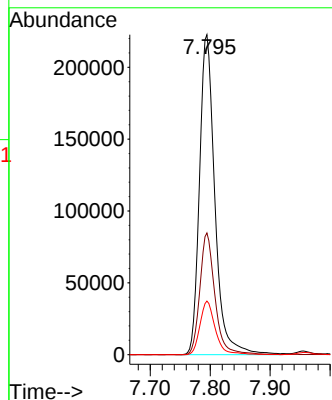
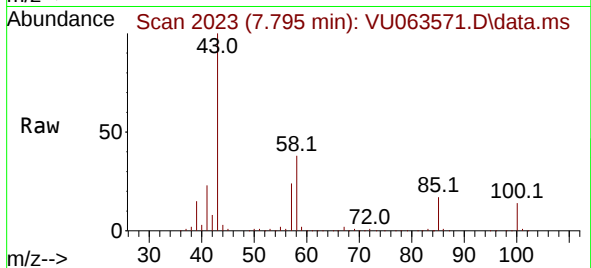
Tgt Ion: 43 Resp: 398800

Ion Ratio Lower Upper

43 100

58 37.2 18.9 56.9

85 16.7 13.3 19.9



#46

t-1,4-Dichloro-2-butene

Concen: 42.469 ug/l

RT: 10.814 min Scan# 2962

Delta R.T. -0.003 min

Lab File: VU063571.D

Acq: 15 Sep 2025 08:48

Tgt Ion: 75 Resp: 122649

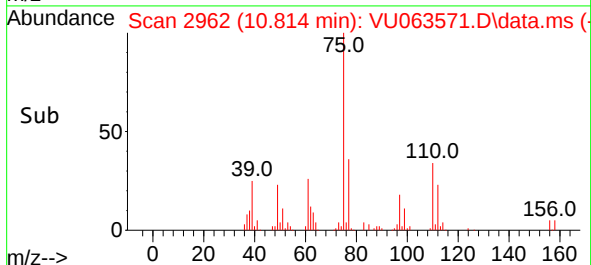
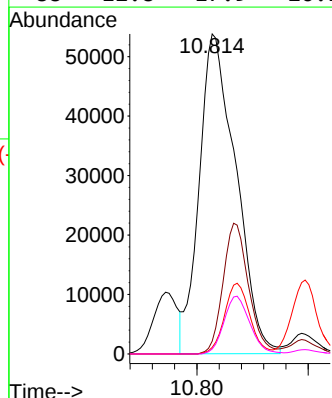
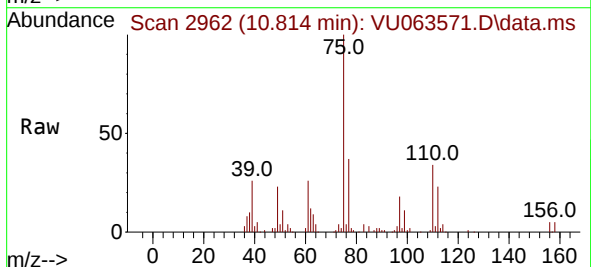
Ion Ratio Lower Upper

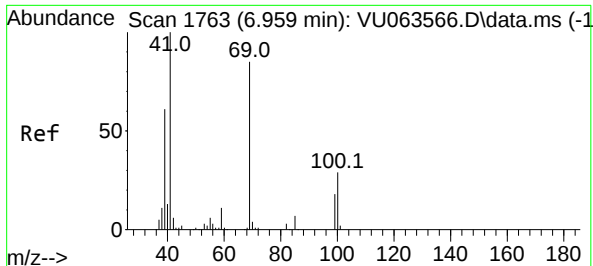
75 100

53 28.6 43.2 64.8#

89 15.4 21.9 32.9#

88 12.8 17.9 26.9#





#47

Methyl methacrylate

Concen: 20.023 ug/l

RT: 6.962 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063571.D

Acq: 15 Sep 2025 08:48

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 69 Resp: 110393

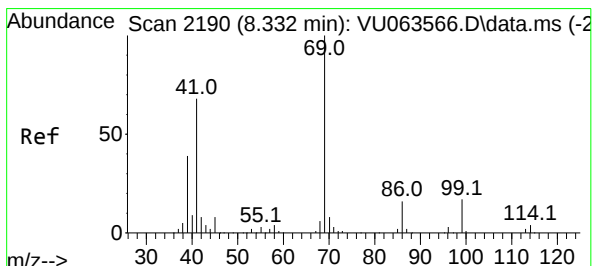
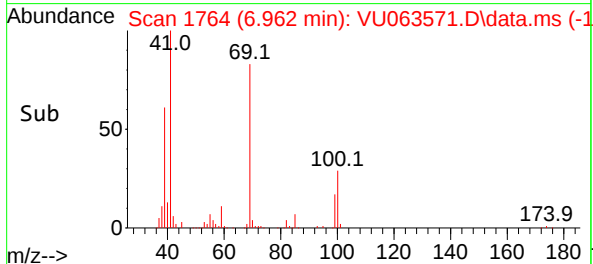
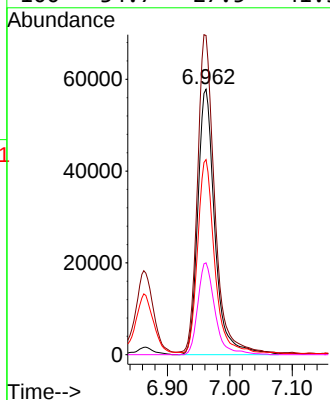
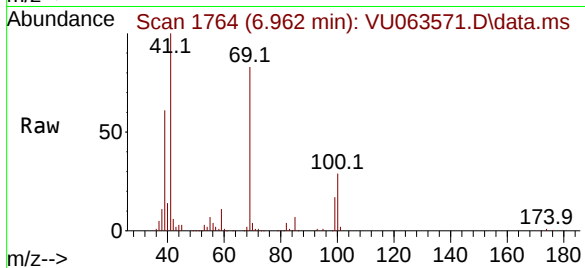
Ion Ratio Lower Upper

69 100

41 118.4 0.0 236.8

39 71.1 57.8 86.6

100 34.7 27.5 41.3



#48

Ethyl methacrylate

Concen: 10.520 ug/l

RT: 8.331 min Scan# 2190

Delta R.T. -0.000 min

Lab File: VU063571.D

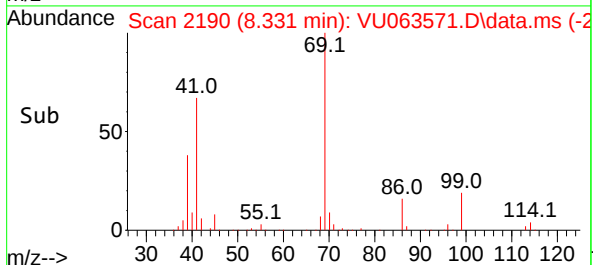
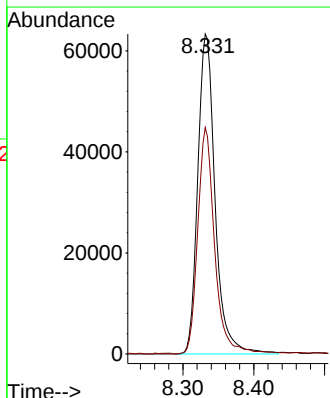
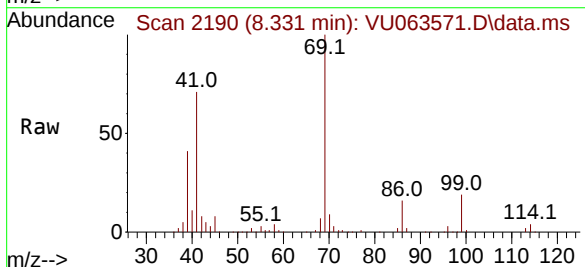
Acq: 15 Sep 2025 08:48

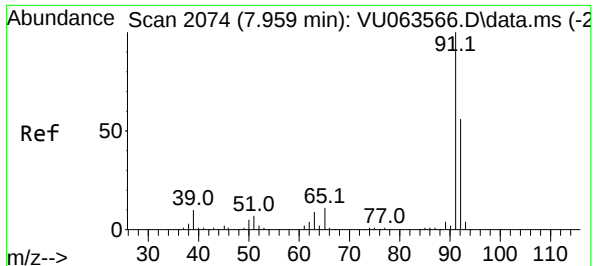
Tgt Ion: 69 Resp: 107571

Ion Ratio Lower Upper

69 100

41 69.3 33.7 101.1





#49

Toluene

Concen: 10.251 ug/l

RT: 7.958 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VU063571.D

Acq: 15 Sep 2025 08:48

Instrument :

MSVOA_U

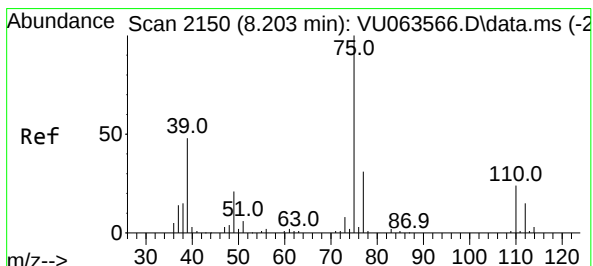
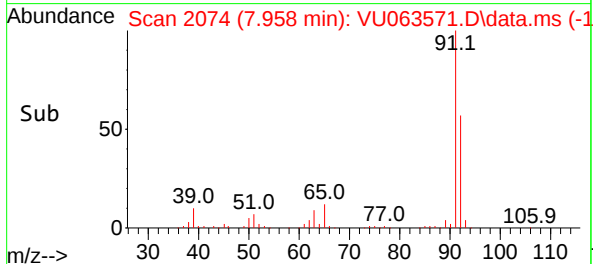
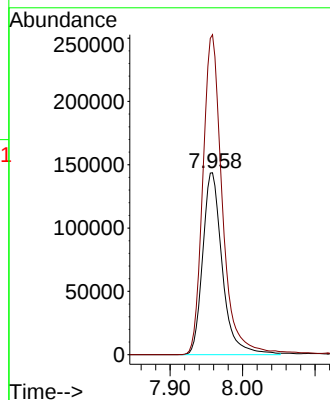
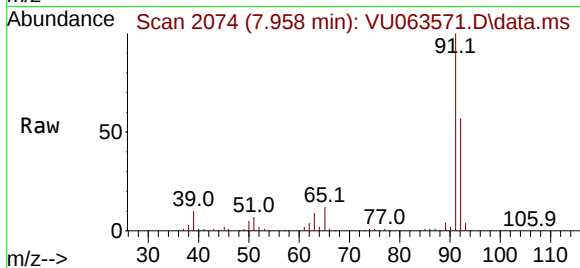
ClientSampleId :

Tgt Ion: 92 Resp: 269937

Ion Ratio Lower Upper

92 100

91 173.7 139.4 209.2



#50

t-1,3-Dichloropropene

Concen: 11.355 ug/l

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU063571.D

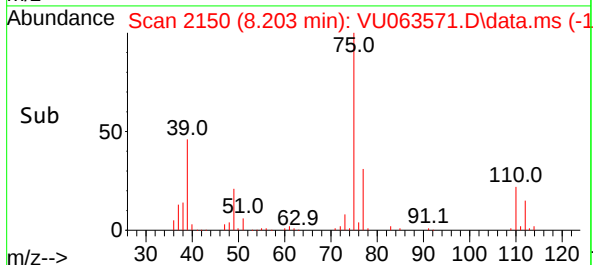
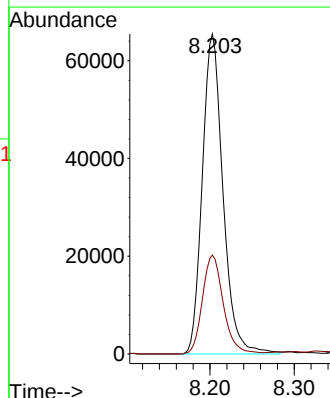
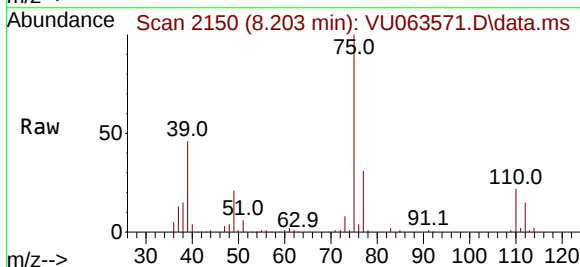
Acq: 15 Sep 2025 08:48

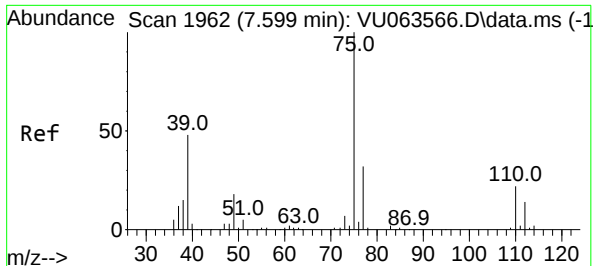
Tgt Ion: 75 Resp: 112003

Ion Ratio Lower Upper

75 100

77 30.9 24.8 37.2





#51

cis-1,3-Dichloropropene

Concen: 11.017 ug/l

RT: 7.595 min Scan# 1962

Delta R.T. -0.003 min

Lab File: VU063571.D

Acq: 15 Sep 2025 08:48

Instrument :

MSVOA_U

ClientSampleId :

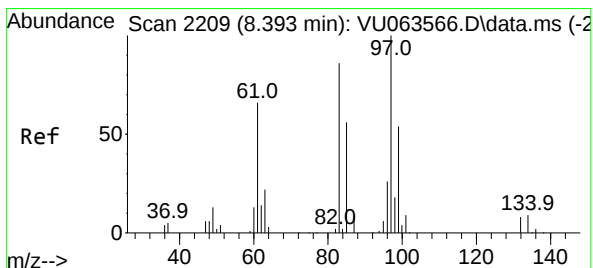
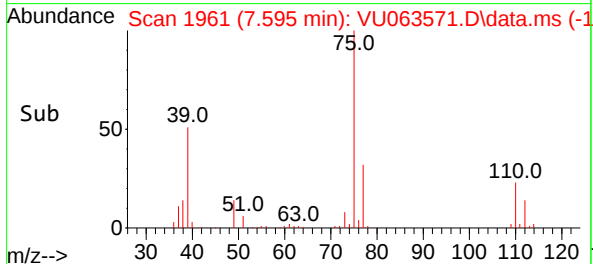
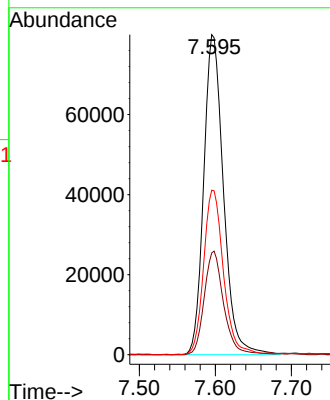
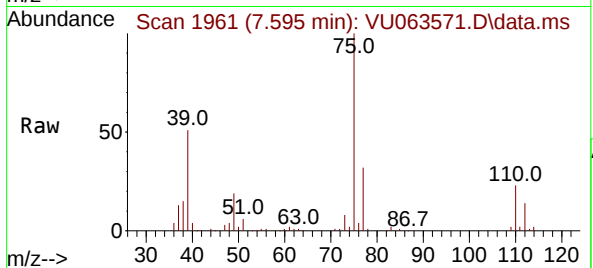
Tgt Ion: 75 Resp: 144570

Ion Ratio Lower Upper

75 100

77 31.7 25.2 37.8

39 51.4 38.8 58.2



#52

1,1,2-Trichloroethane

Concen: 10.238 ug/l

RT: 8.393 min Scan# 2209

Delta R.T. -0.000 min

Lab File: VU063571.D

Acq: 15 Sep 2025 08:48

Tgt Ion: 97 Resp: 89311

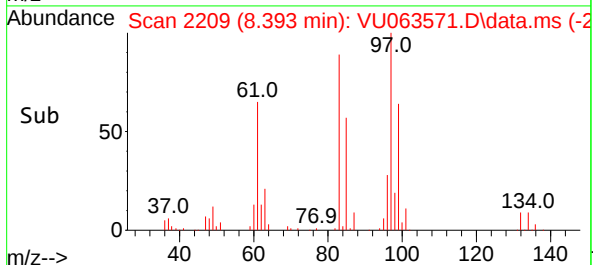
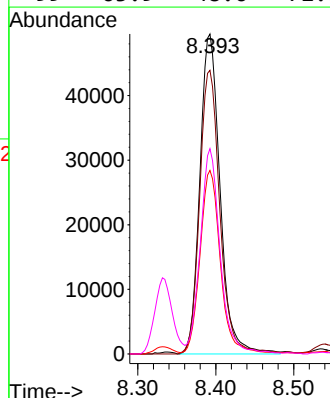
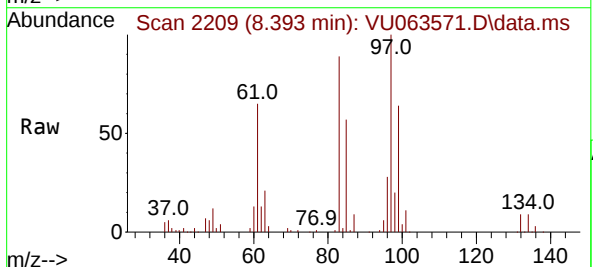
Ion Ratio Lower Upper

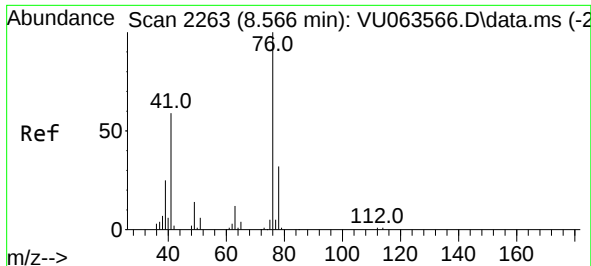
97 100

83 88.4 68.5 102.7

85 56.9 45.0 67.6

99 63.9 48.6 72.8





#53

1,3-Dichloropropane

Concen: 10.023 ug/l

RT: 8.566 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU063571.D

Acq: 15 Sep 2025 08:48

Instrument :

MSVOA_U

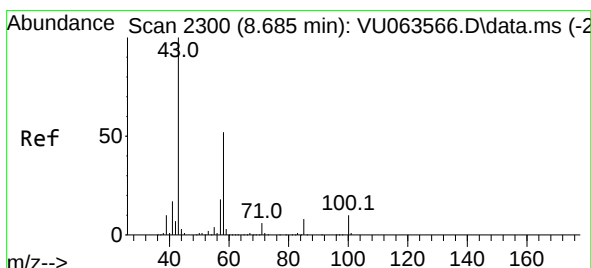
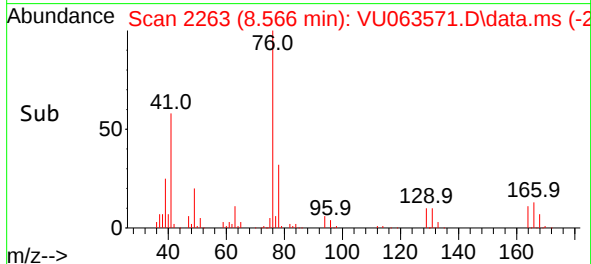
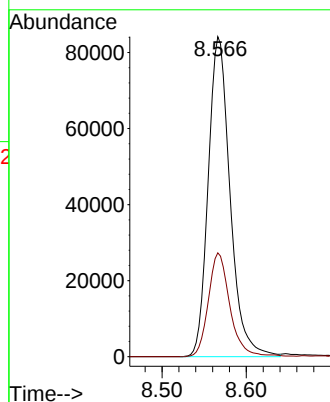
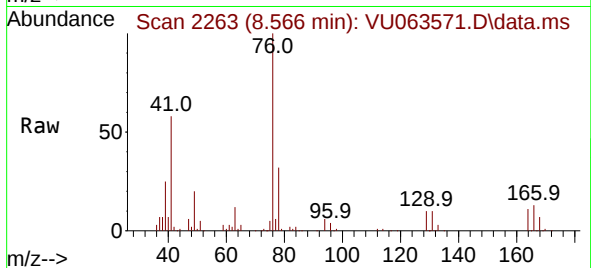
ClientSampleId :

Tgt Ion: 76 Resp: 151905

Ion Ratio Lower Upper

76 100

78 32.1 26.2 39.2



#54

2-Hexanone

Concen: 57.972 ug/l

RT: 8.685 min Scan# 2300

Delta R.T. -0.000 min

Lab File: VU063571.D

Acq: 15 Sep 2025 08:48

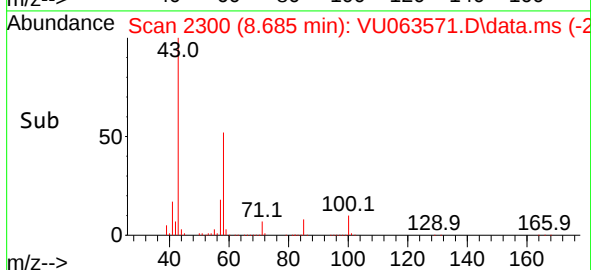
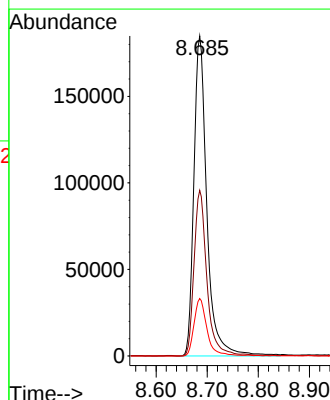
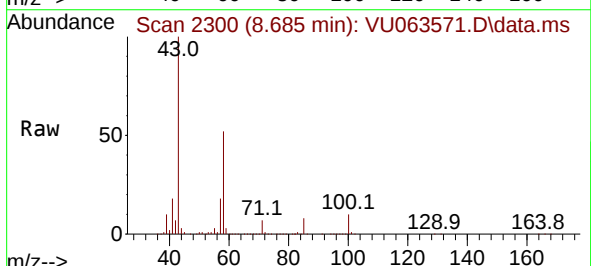
Tgt Ion: 43 Resp: 326973

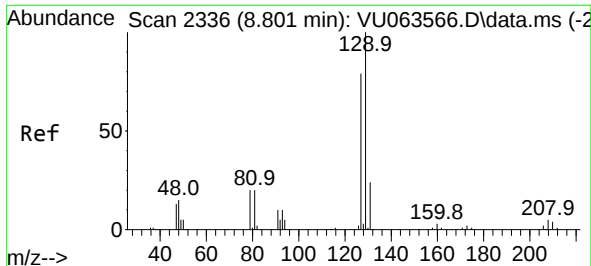
Ion Ratio Lower Upper

43 100

58 50.8 32.7 72.7

57 17.8 0.0 38.2

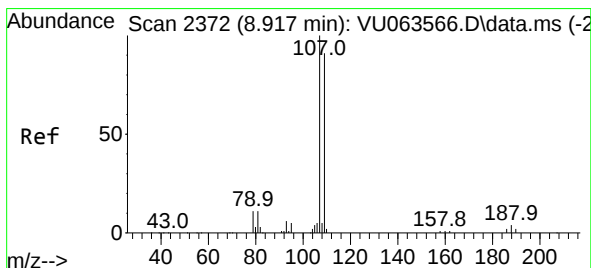
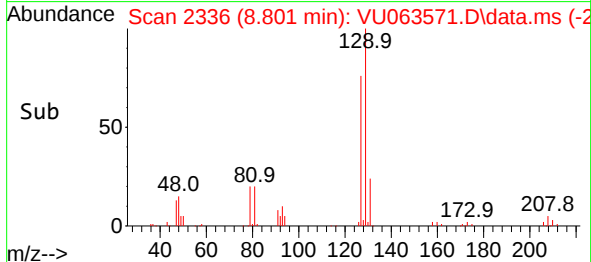
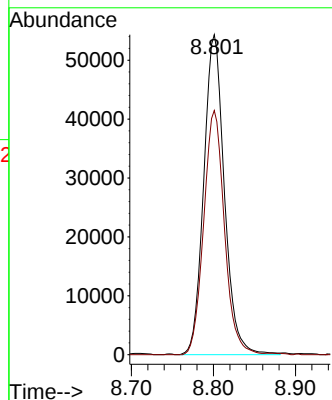
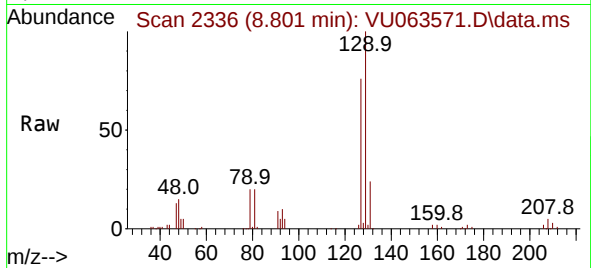




#55
Dibromochloromethane
Concen: 11.278 ug/l
RT: 8.801 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063571.D
Acq: 15 Sep 2025 08:48

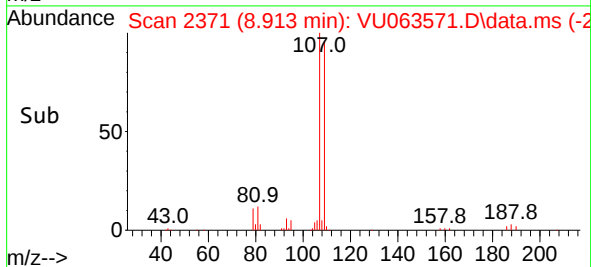
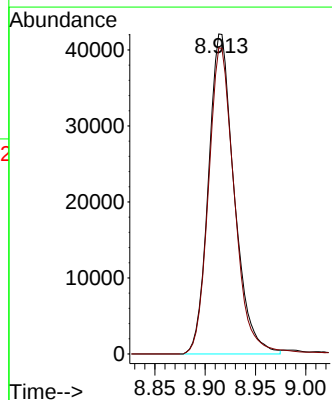
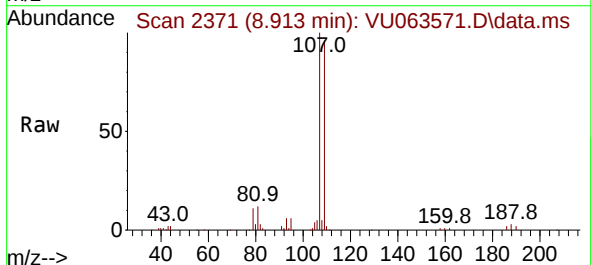
Instrument :
MSVOA_U
ClientSampleId :

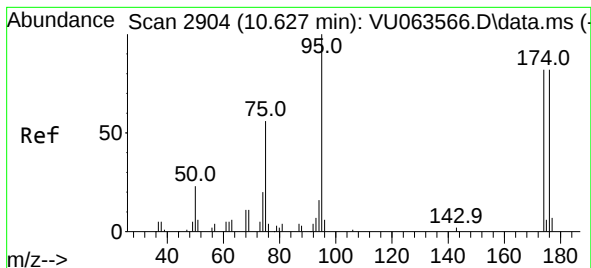
Tgt Ion:129 Resp: 95349
Ion Ratio Lower Upper
129 100
127 76.4 61.9 92.9



#56
1,2-Dibromoethane
Concen: 9.980 ug/l
RT: 8.913 min Scan# 2371
Delta R.T. -0.003 min
Lab File: VU063571.D
Acq: 15 Sep 2025 08:48

Tgt Ion:107 Resp: 75104
Ion Ratio Lower Upper
107 100
109 96.7 0.0 183.6

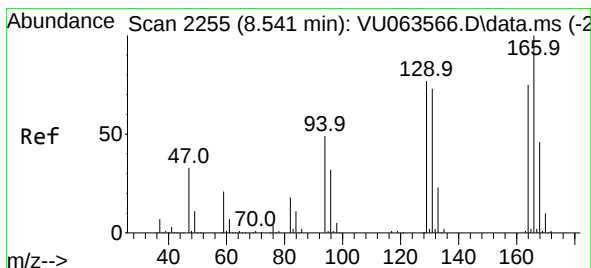
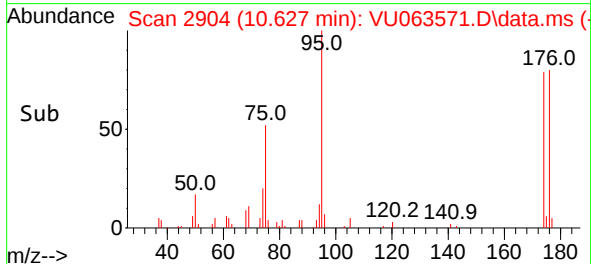
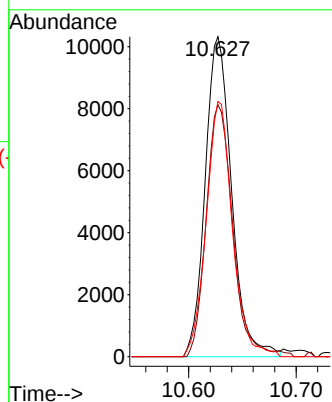
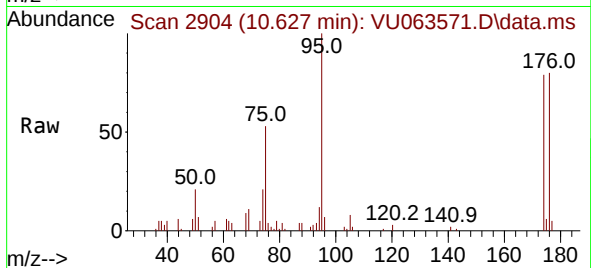




#57
4-Bromofluorobenzene
Concen: 1.278 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. -0.000 min
Lab File: VU063571.D
Acq: 15 Sep 2025 08:48

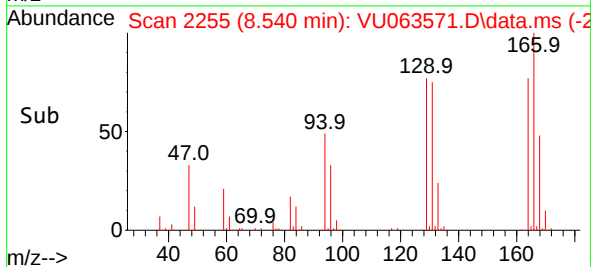
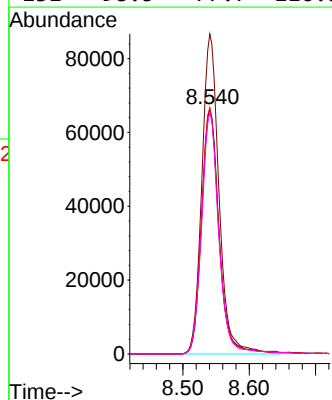
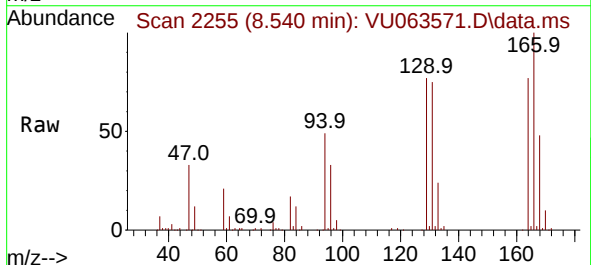
Instrument :
MSVOA_U
ClientSampleId :

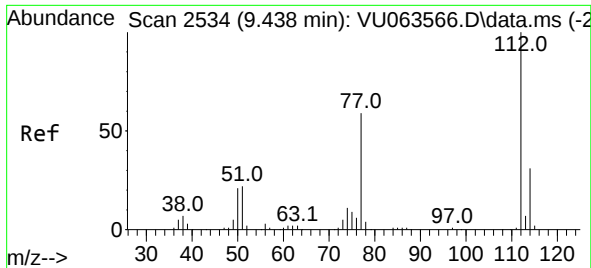
Tgt Ion: 95 Resp: 17651
Ion Ratio Lower Upper
95 100
174 78.1 64.7 97.1
176 79.0 66.2 99.4



#58
Tetrachloroethene
Concen: 10.254 ug/l
RT: 8.540 min Scan# 2255
Delta R.T. -0.000 min
Lab File: VU063571.D
Acq: 15 Sep 2025 08:48

Tgt Ion:164 Resp: 121948
Ion Ratio Lower Upper
164 100
166 130.7 106.4 159.6
129 100.6 81.4 122.2
131 98.5 77.7 116.5

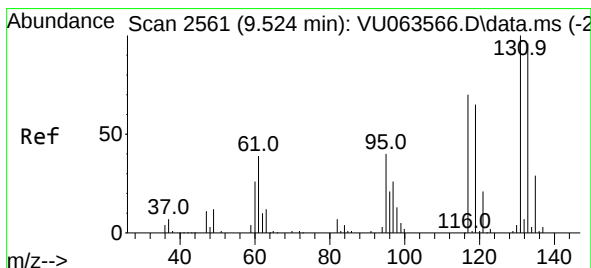
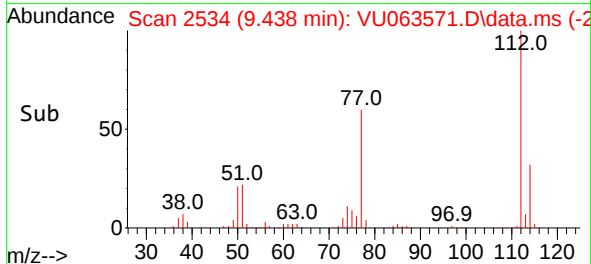
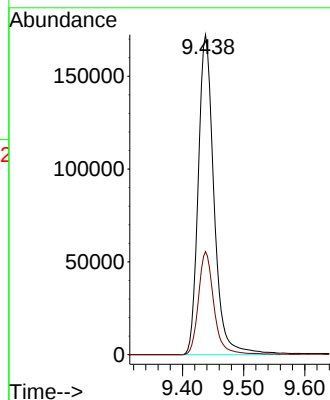
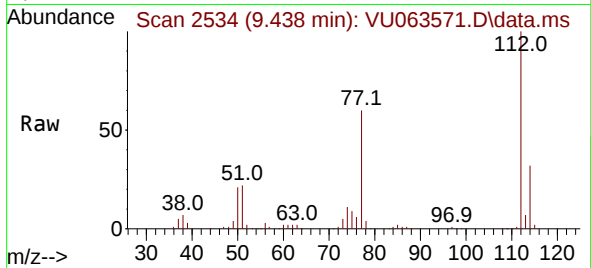




#59
Chlorobenzene
Concen: 10.189 ug/l
RT: 9.438 min Scan# 2534
Delta R.T. -0.000 min
Lab File: VU063571.D
Acq: 15 Sep 2025 08:48

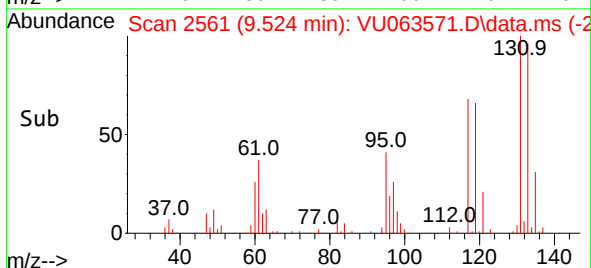
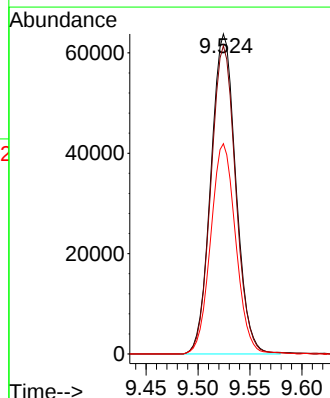
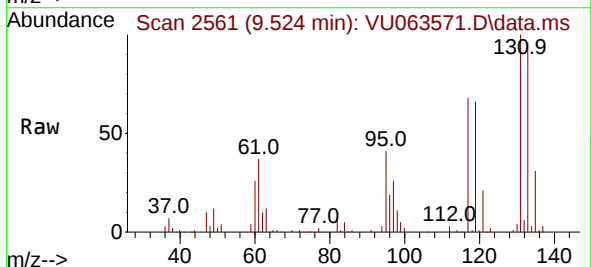
Instrument :
MSVOA_U
ClientSampleId :

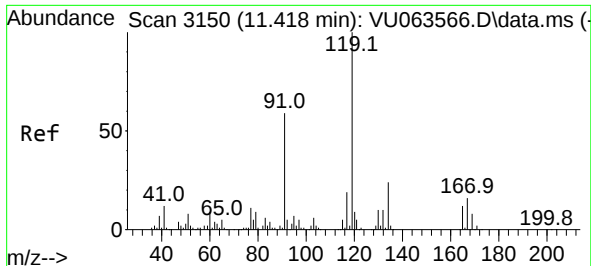
Tgt Ion:112 Resp: 309130
Ion Ratio Lower Upper
112 100
114 32.2 25.0 37.4



#60
1,1,1,2-Tetrachloroethane
Concen: 10.769 ug/l
RT: 9.524 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU063571.D
Acq: 15 Sep 2025 08:48

Tgt Ion:131 Resp: 106724
Ion Ratio Lower Upper
131 100
133 95.7 75.8 113.8
119 65.9 51.8 77.6

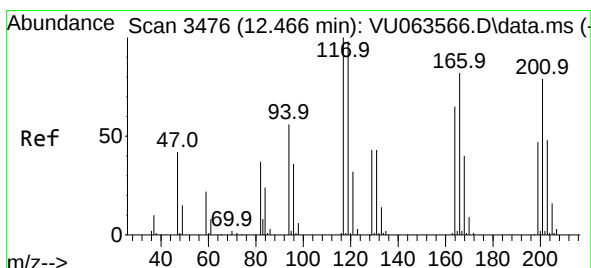
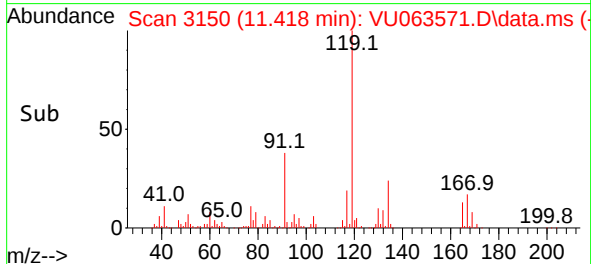
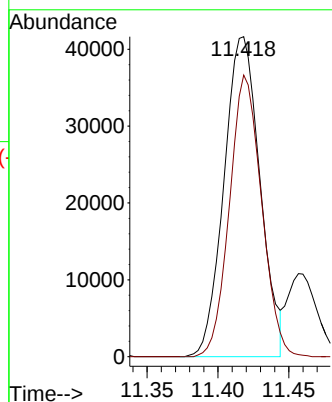
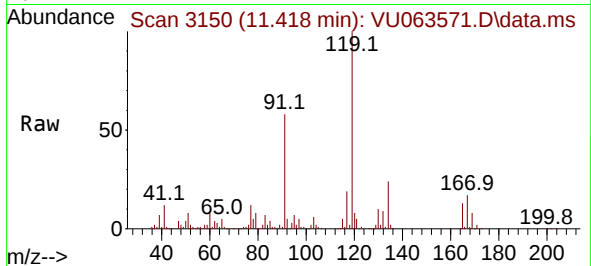




#61
 Pentachloroethane
 Concen: 10.375 ug/l
 RT: 11.418 min Scan# 3150
 Delta R.T. -0.000 min
 Lab File: VU063571.D
 Acq: 15 Sep 2025 08:48

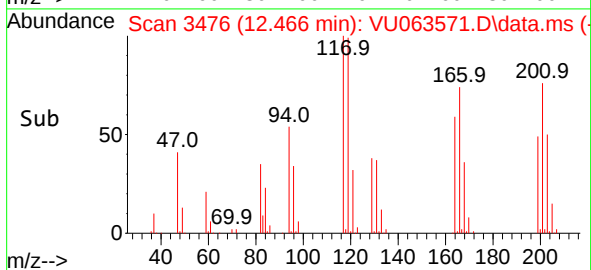
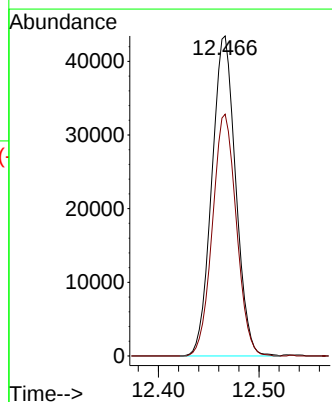
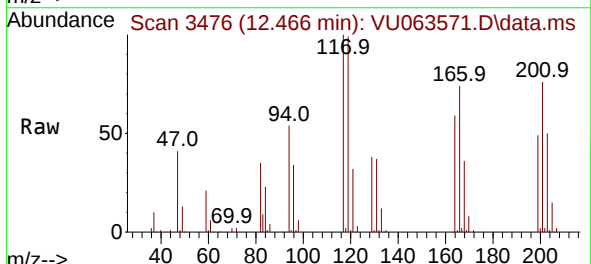
Instrument :
 MSVOA_U
 ClientSampleId :

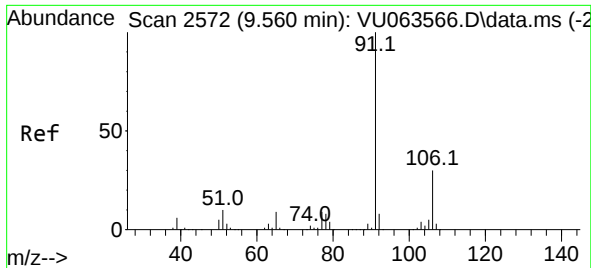
Tgt Ion:117 Resp: 73699
 Ion Ratio Lower Upper
 117 100
 167 78.3 62.6 93.8



#62
 Hexachloroethane
 Concen: 11.596 ug/l
 RT: 12.466 min Scan# 3476
 Delta R.T. -0.000 min
 Lab File: VU063571.D
 Acq: 15 Sep 2025 08:48

Tgt Ion:117 Resp: 71642
 Ion Ratio Lower Upper
 117 100
 201 75.7 61.0 91.6





#63

Ethyl Benzene

Concen: 10.345 ug/l

RT: 9.560 min Scan# 2572

Delta R.T. -0.000 min

Lab File: VU063571.D

Acq: 15 Sep 2025 08:48

Instrument :

MSVOA_U

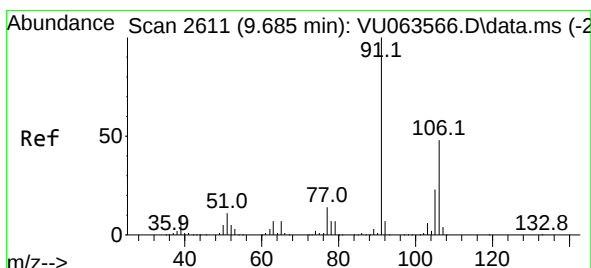
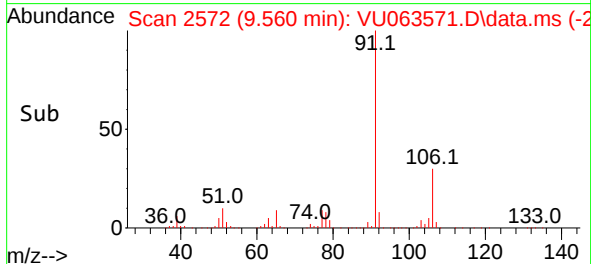
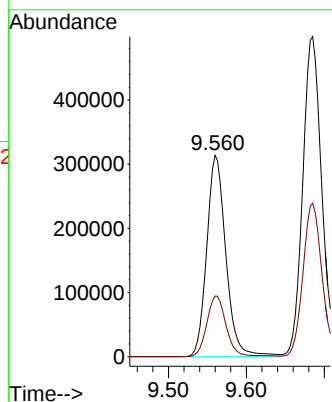
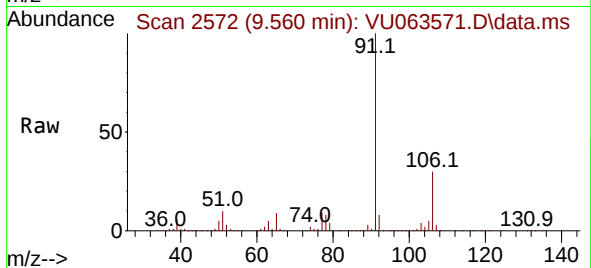
ClientSampleId :

Tgt Ion: 91 Resp: 535909

Ion Ratio Lower Upper

91 100

106 30.1 23.8 35.8



#64

m/p-Xylenes

Concen: 20.708 ug/l

RT: 9.685 min Scan# 2611

Delta R.T. -0.000 min

Lab File: VU063571.D

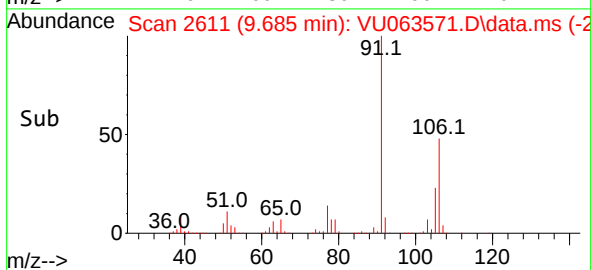
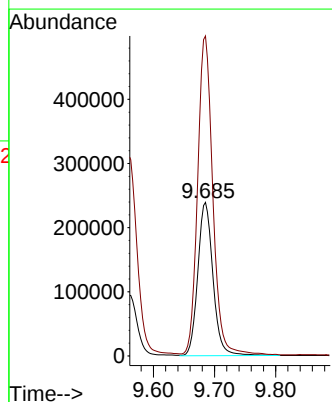
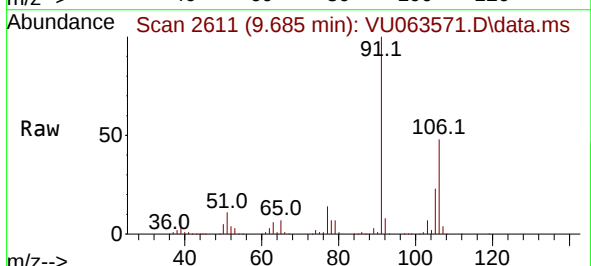
Acq: 15 Sep 2025 08:48

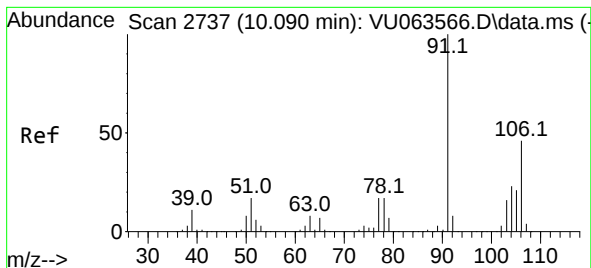
Tgt Ion:106 Resp: 412245

Ion Ratio Lower Upper

106 100

91 209.2 167.0 250.4





#65

o-Xylene

Concen: 10.304 ug/l

RT: 10.090 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU063571.D

Acq: 15 Sep 2025 08:48

Instrument :

MSVOA_U

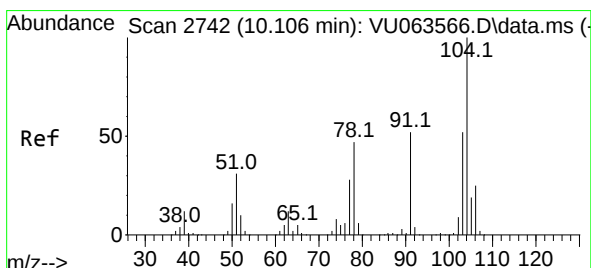
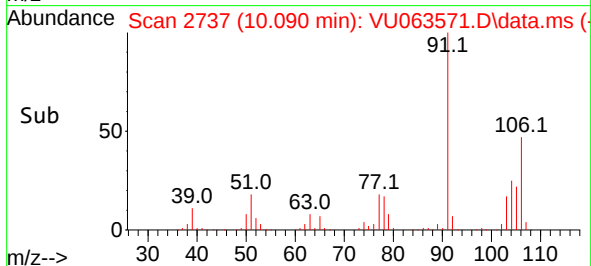
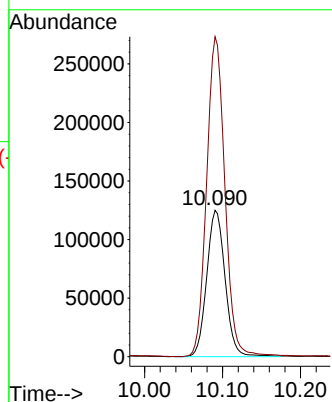
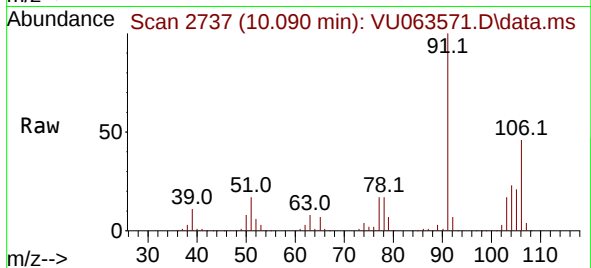
ClientSampleId :

Tgt Ion:106 Resp: 205316

Ion Ratio Lower Upper

106 100

91 217.6 108.7 326.1



#66

Styrene

Concen: 10.614 ug/l

RT: 10.106 min Scan# 2742

Delta R.T. -0.000 min

Lab File: VU063571.D

Acq: 15 Sep 2025 08:48

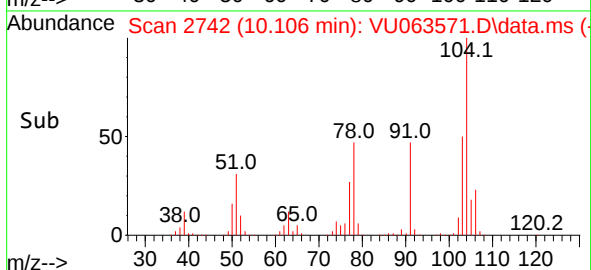
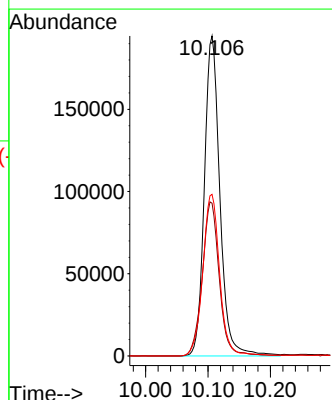
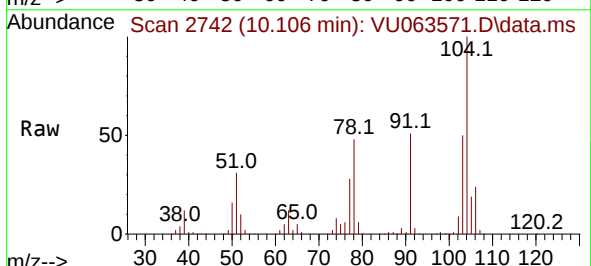
Tgt Ion:104 Resp: 337647

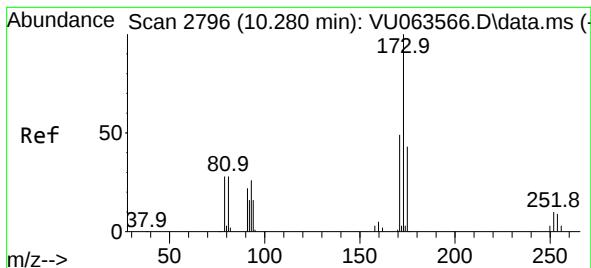
Ion Ratio Lower Upper

104 100

78 52.3 41.2 61.8

103 54.9 44.2 66.2





#67

Bromoform

Concen: 11.830 ug/l

RT: 10.280 min Scan# 21

Delta R.T. -0.000 min

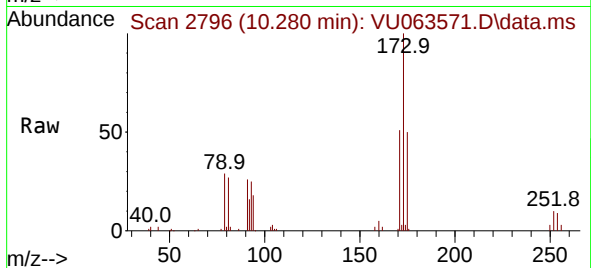
Lab File: VU063571.D

Acq: 15 Sep 2025 08:48

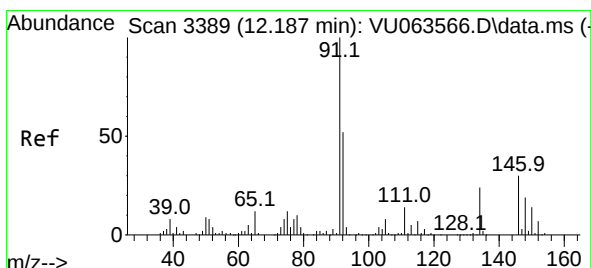
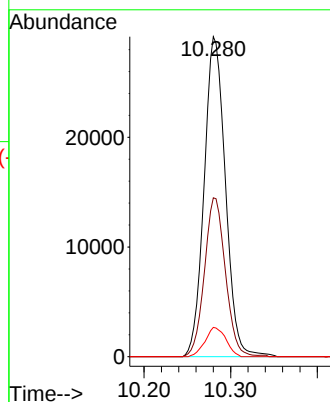
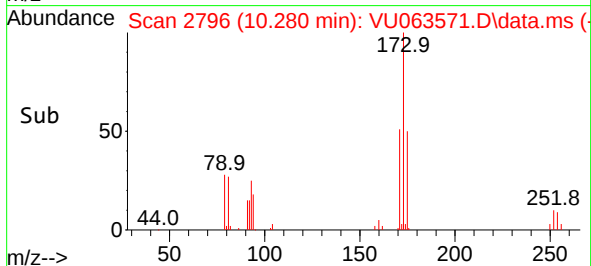
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	173	Resp:	49816
Ion Ratio	Lower	Upper	
173	100		
175	48.7	37.0	55.6
254	8.9	7.1	10.7



#68

1,2-Dichlorobenzene-d4

Concen: 1.037 ug/l

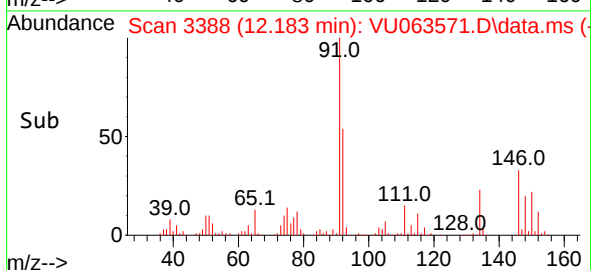
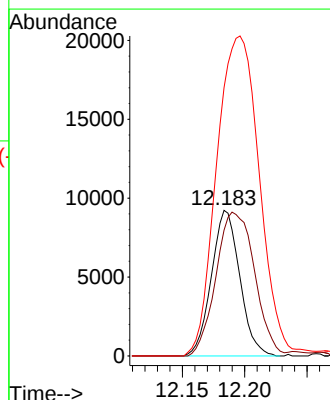
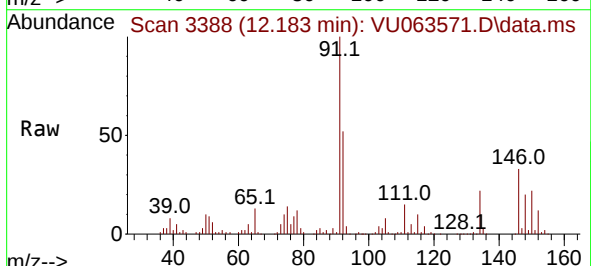
RT: 12.183 min Scan# 3388

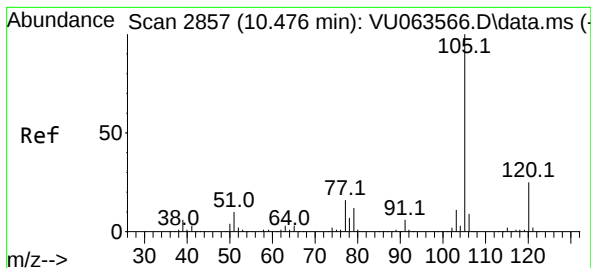
Delta R.T. -0.003 min

Lab File: VU063571.D

Acq: 15 Sep 2025 08:48

Tgt Ion:	152	Resp:	14600
Ion Ratio	Lower	Upper	
152	100		
115	134.2	0.0	260.6
150	331.9	0.0	661.8





#69

Isopropylbenzene

Concen: 10.376 ug/l

RT: 10.476 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU063571.D

Acq: 15 Sep 2025 08:48

Instrument :

MSVOA_U

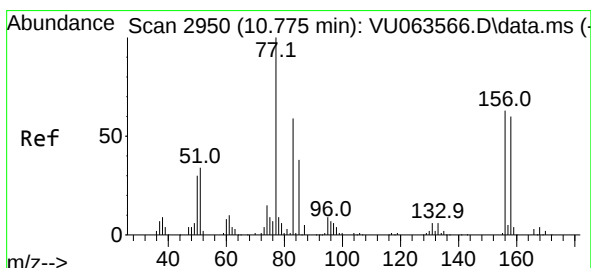
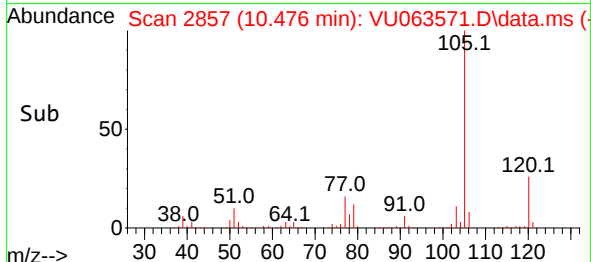
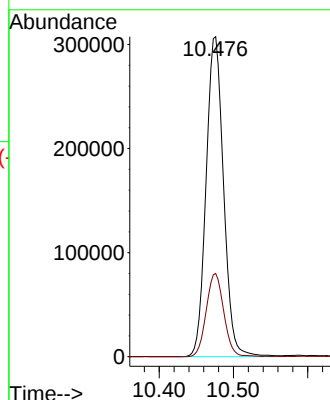
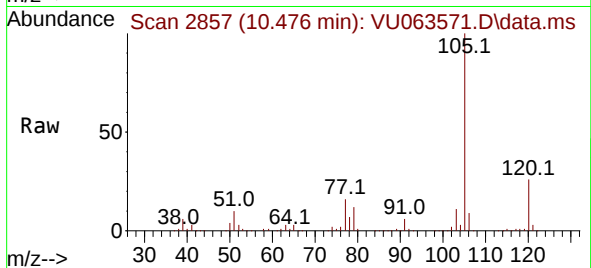
ClientSampleId :

Tgt Ion:105 Resp: 501914

Ion Ratio Lower Upper

105 100

120 26.2 12.7 38.0



#70

1,1,2,2-Tetrachloroethane

Concen: 10.058 ug/l

RT: 10.772 min Scan# 2949

Delta R.T. -0.003 min

Lab File: VU063571.D

Acq: 15 Sep 2025 08:48

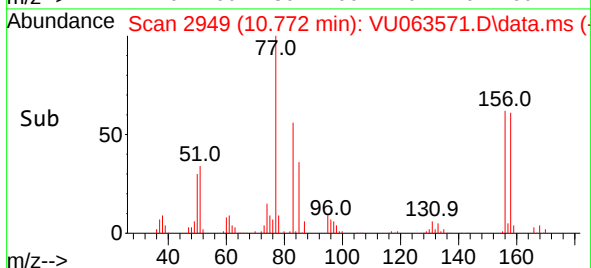
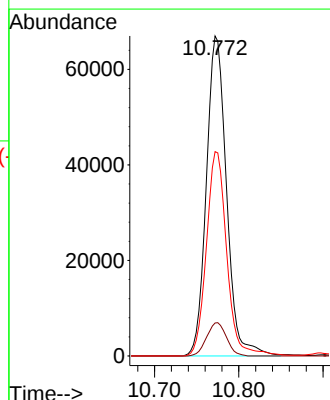
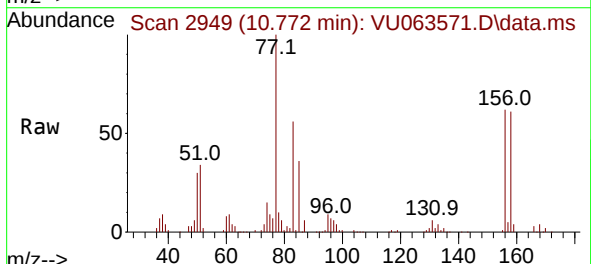
Tgt Ion: 83 Resp: 111728

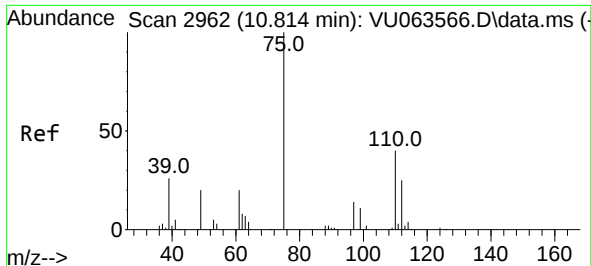
Ion Ratio Lower Upper

83 100

131 10.2 7.7 11.5

85 64.4 52.2 78.4

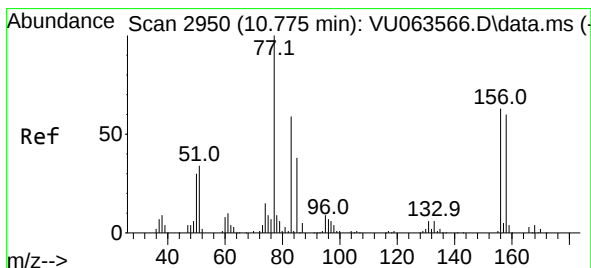
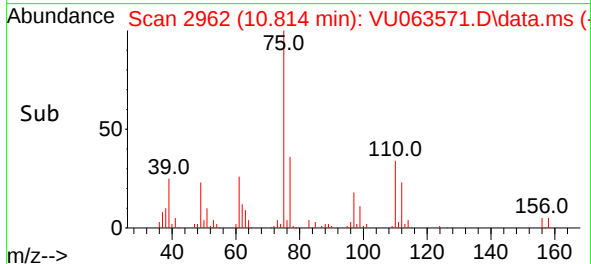
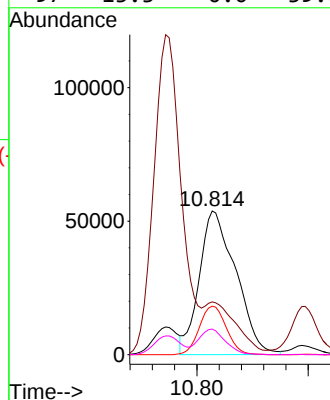
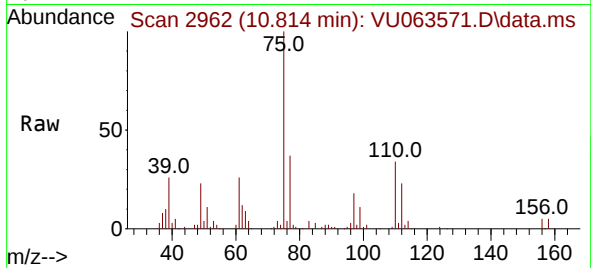




#71
1,2,3-Trichloropropane
Concen: 14.895 ug/l
RT: 10.814 min Scan# 2962
Delta R.T. -0.000 min
Lab File: VU063571.D
Acq: 15 Sep 2025 08:48

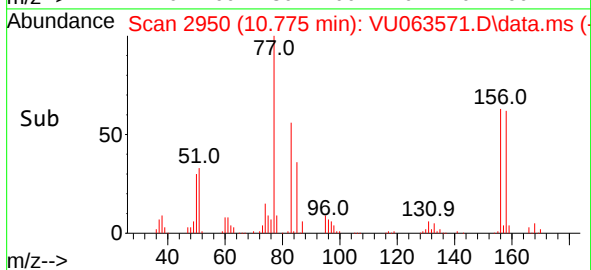
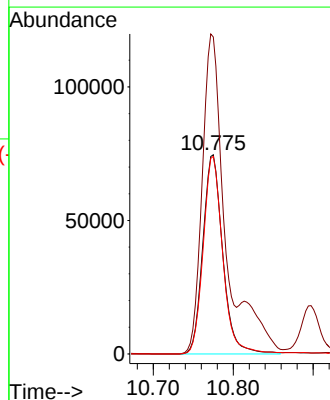
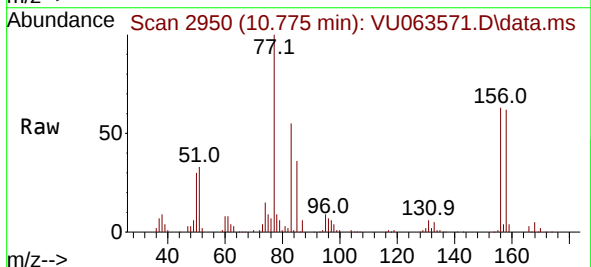
Instrument :
MSVOA_U
ClientSampleId :

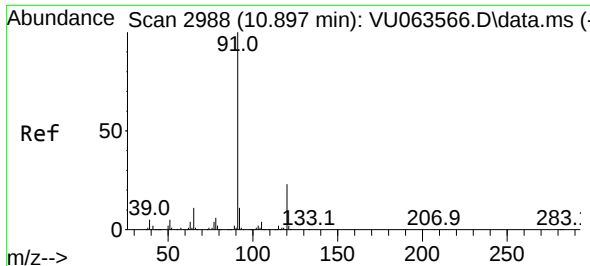
Tgt Ion: 75 Resp: 122649
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0
110 25.0 0.0 77.6
97 13.3 0.0 39.6



#72
Bromobenzene
Concen: 10.291 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU063571.D
Acq: 15 Sep 2025 08:48

Tgt Ion: 156 Resp: 129142
Ion Ratio Lower Upper
156 100
77 160.5 0.0 323.0
158 97.9 0.0 195.4

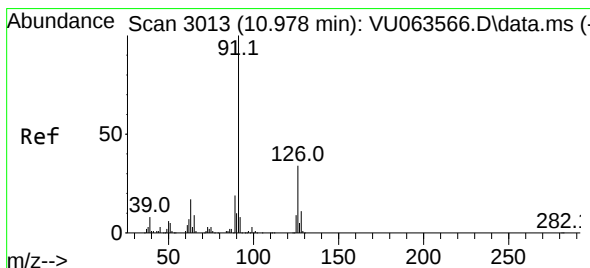
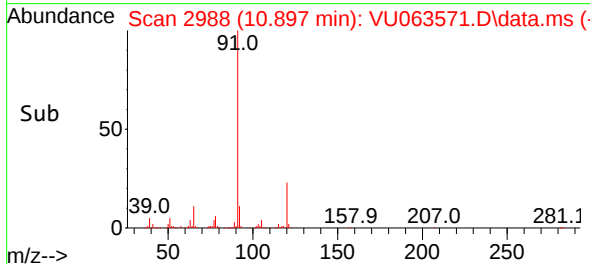
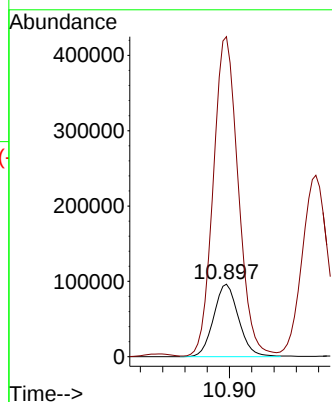
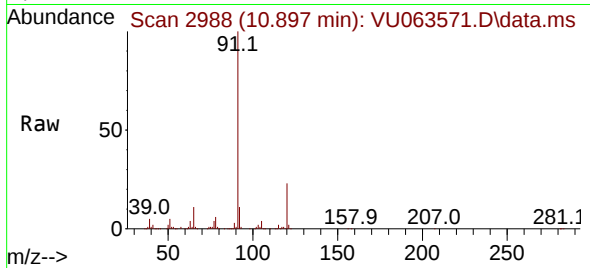




#73
n-propylbenzene
Concen: 10.688 ug/l
RT: 10.897 min Scan# 2988
Delta R.T. -0.000 min
Lab File: VU063571.D
Acq: 15 Sep 2025 08:48

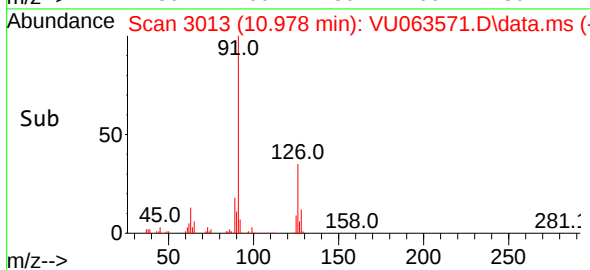
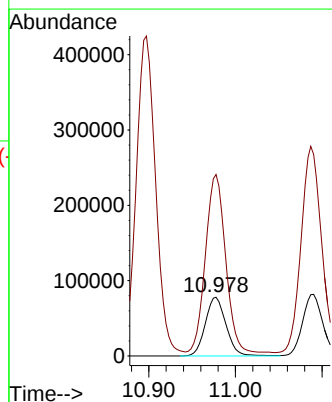
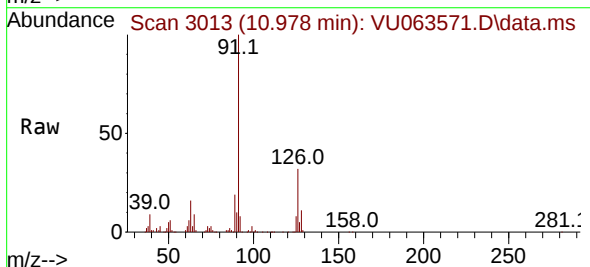
Instrument :
MSVOA_U
ClientSampleId :

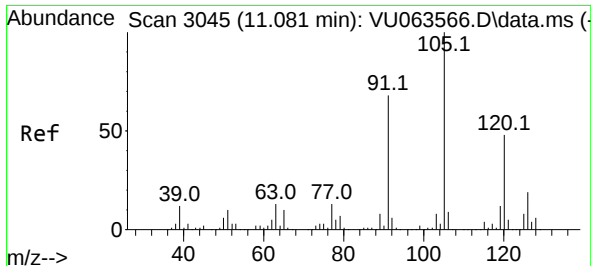
Tgt Ion:120 Resp: 149441
Ion Ratio Lower Upper
120 100
91 442.2 349.1 523.7



#74
2-Chlorotoluene
Concen: 10.241 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. -0.000 min
Lab File: VU063571.D
Acq: 15 Sep 2025 08:48

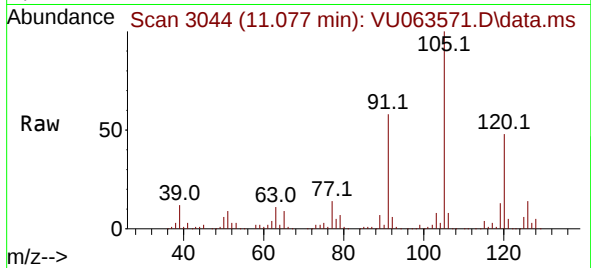
Tgt Ion:126 Resp: 129464
Ion Ratio Lower Upper
126 100
91 309.3 0.0 609.4



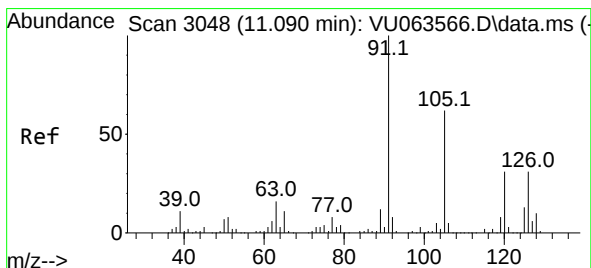
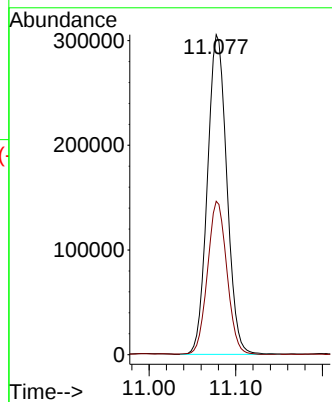
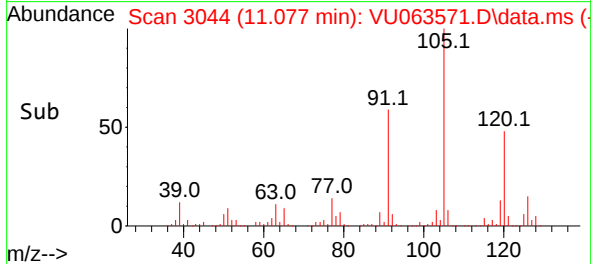


#75
1,3,5-Trimethylbenzene
Concen: 10.514 ug/l
RT: 11.077 min Scan# 3044
Delta R.T. -0.003 min
Lab File: VU063571.D
Acq: 15 Sep 2025 08:48

Instrument :
MSVOA_U
ClientSampleId :

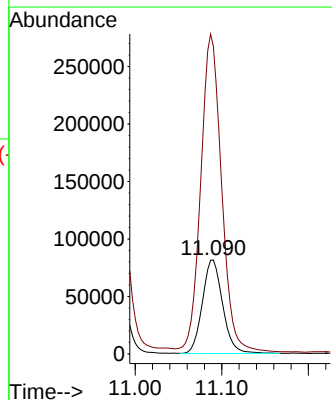
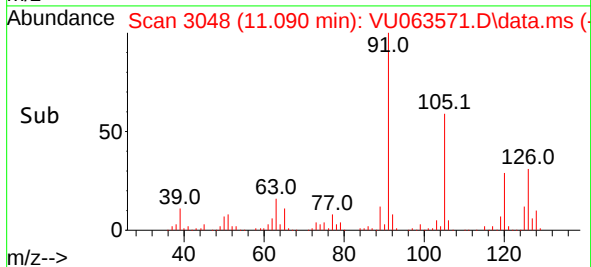
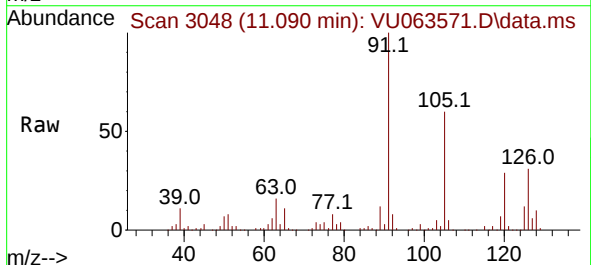


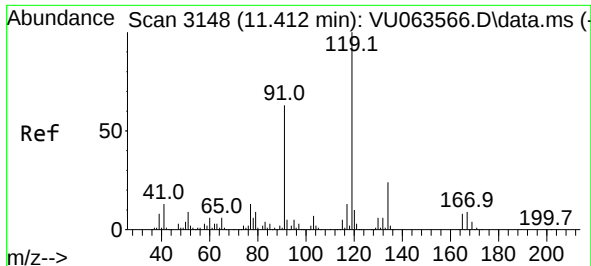
Tgt Ion:105 Resp: 475659
Ion Ratio Lower Upper
105 100
120 47.8 38.0 57.0



#76
4-Chlorotoluene
Concen: 10.015 ug/l
RT: 11.090 min Scan# 3048
Delta R.T. -0.000 min
Lab File: VU063571.D
Acq: 15 Sep 2025 08:48

Tgt Ion:126 Resp: 132603
Ion Ratio Lower Upper
126 100
91 350.4 0.0 679.4

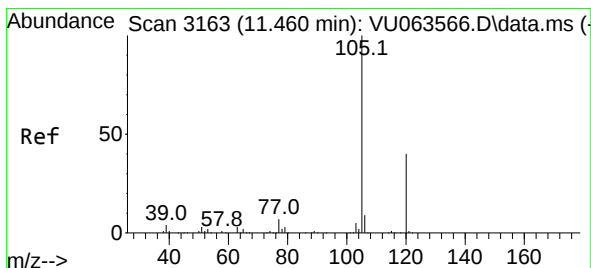
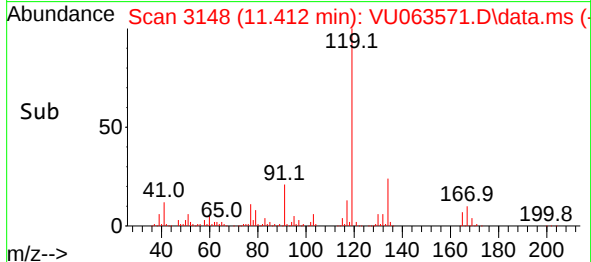
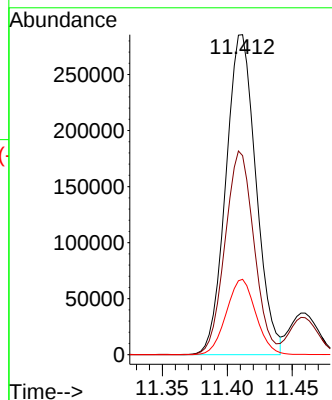
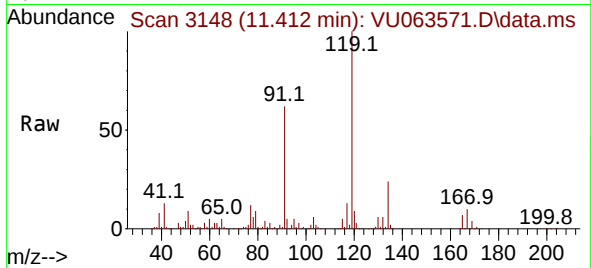




#77
 tert-Butylbenzene
 Concen: 10.544 ug/l
 RT: 11.412 min Scan# 3148
 Delta R.T. -0.000 min
 Lab File: VU063571.D
 Acq: 15 Sep 2025 08:48

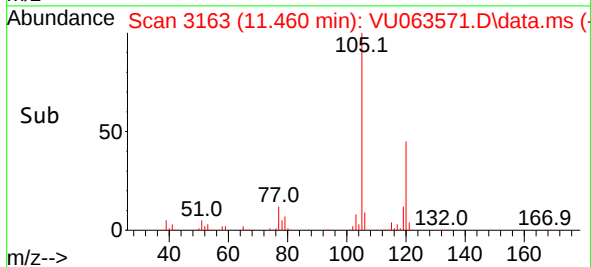
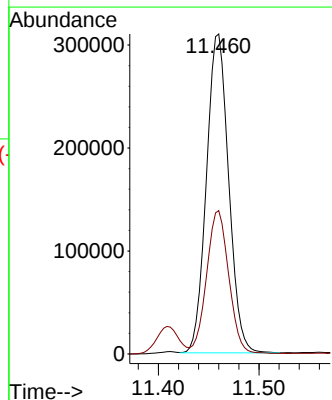
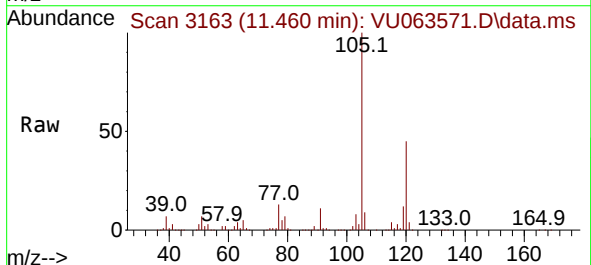
Instrument :
 MSVOA_U
 ClientSampleId :

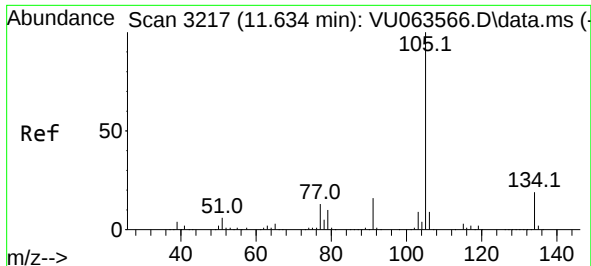
Tgt Ion:119 Resp: 461119
 Ion Ratio Lower Upper
 119 100
 91 60.9 31.0 93.0
 134 23.2 19.0 28.6



#78
 1,2,4-Trimethylbenzene
 Concen: 10.818 ug/l
 RT: 11.460 min Scan# 3163
 Delta R.T. -0.000 min
 Lab File: VU063571.D
 Acq: 15 Sep 2025 08:48

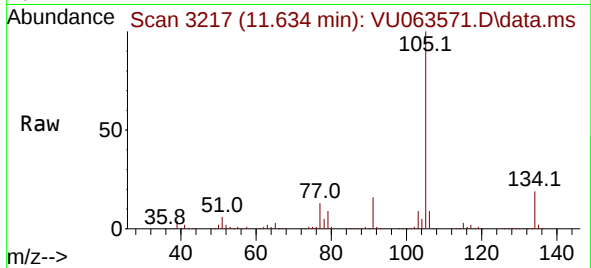
Tgt Ion:105 Resp: 476304
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.4 67.3



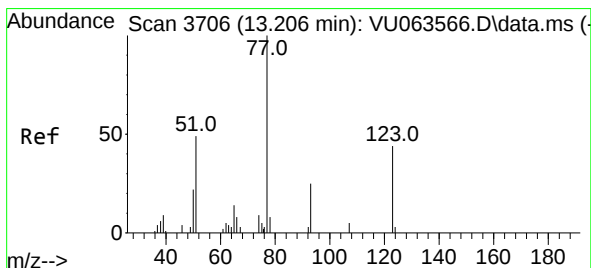
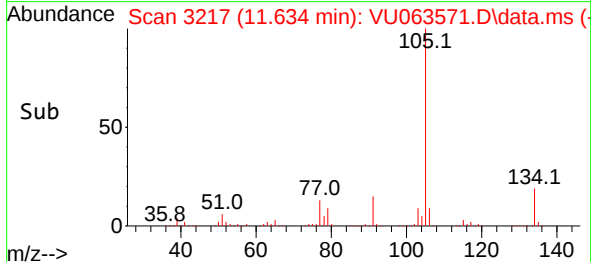
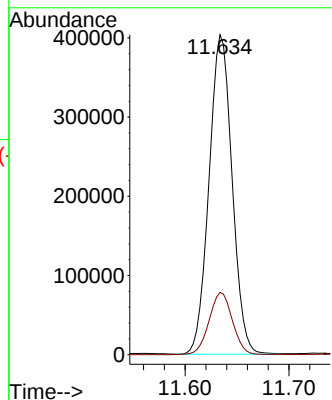


#79
 sec-Butylbenzene
 Concen: 10.491 ug/l
 RT: 11.634 min Scan# 3217
 Delta R.T. -0.000 min
 Lab File: VU063571.D
 Acq: 15 Sep 2025 08:48

Instrument :
 MSVOA_U
 ClientSampleId :

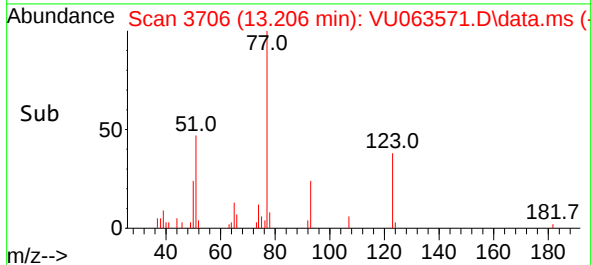
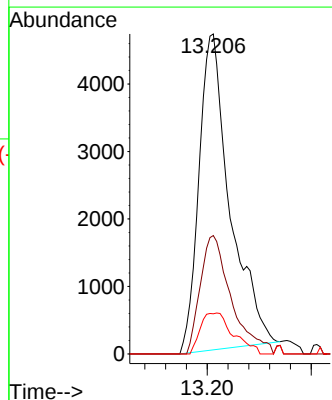
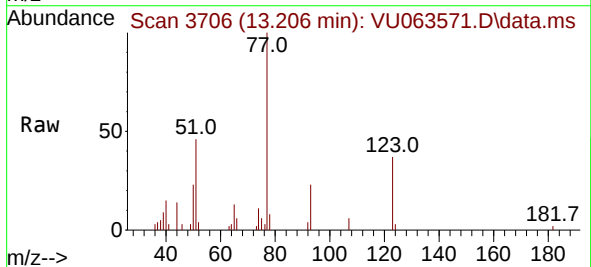


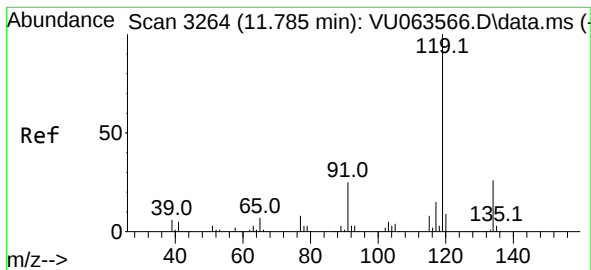
Tgt Ion:105 Resp: 621632
 Ion Ratio Lower Upper
 105 100
 134 19.8 15.6 23.4



#80
 Nitrobenzene
 Concen: 46.363 ug/l
 RT: 13.206 min Scan# 3706
 Delta R.T. -0.000 min
 Lab File: VU063571.D
 Acq: 15 Sep 2025 08:48

Tgt Ion: 77 Resp: 9707
 Ion Ratio Lower Upper
 77 100
 123 37.4 18.0 63.6
 65 13.8 12.8 16.4

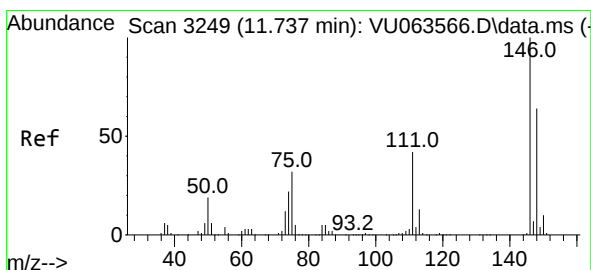
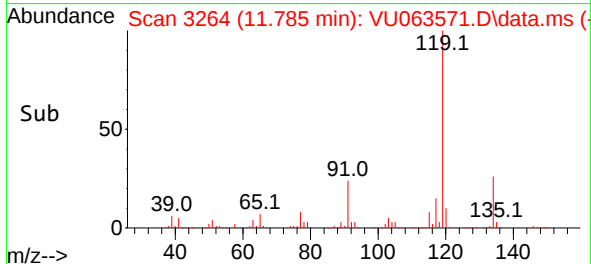
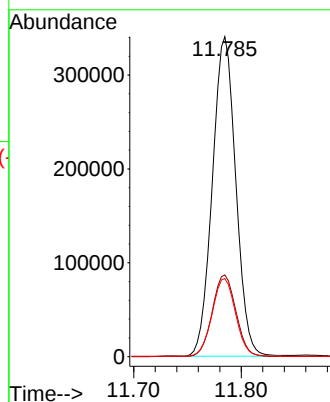
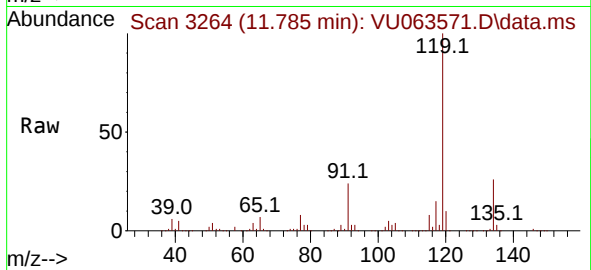




#81
p-Isopropyltoluene
Concen: 10.803 ug/l
RT: 11.785 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU063571.D
Acq: 15 Sep 2025 08:48

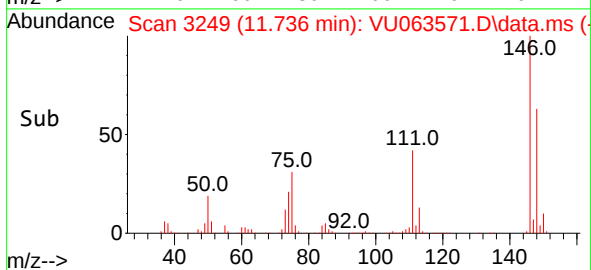
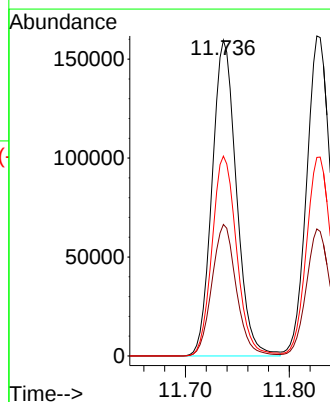
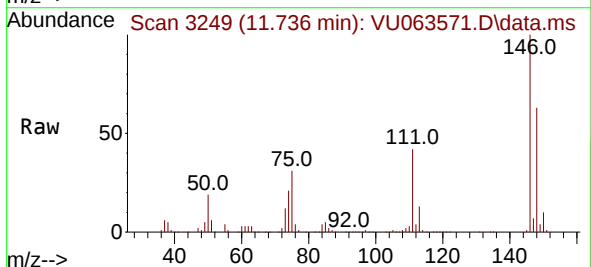
Instrument :
MSVOA_U
ClientSampleId :

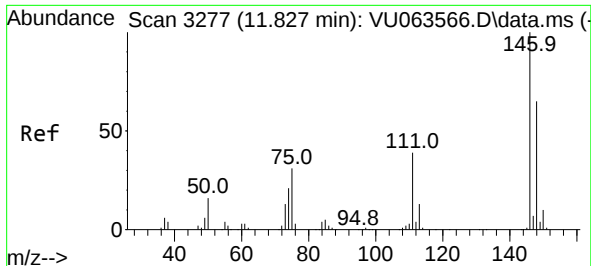
Tgt Ion:119 Resp: 515016
Ion Ratio Lower Upper
119 100
134 25.6 20.6 30.8
91 24.5 19.8 29.6



#82
1,3-Dichlorobenzene
Concen: 10.279 ug/l
RT: 11.736 min Scan# 3249
Delta R.T. -0.000 min
Lab File: VU063571.D
Acq: 15 Sep 2025 08:48

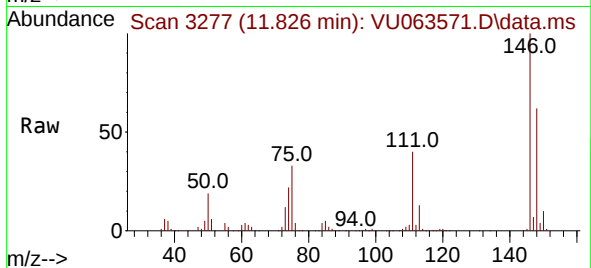
Tgt Ion:146 Resp: 259575
Ion Ratio Lower Upper
146 100
111 41.7 32.7 49.1
148 64.0 50.4 75.6



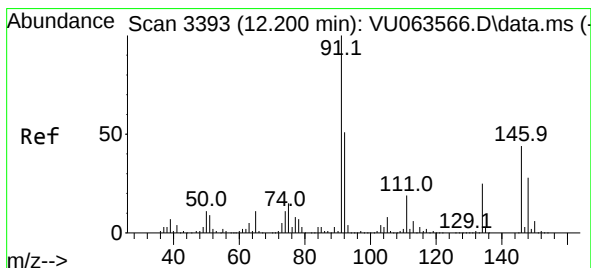
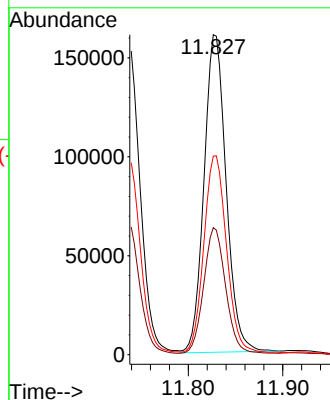
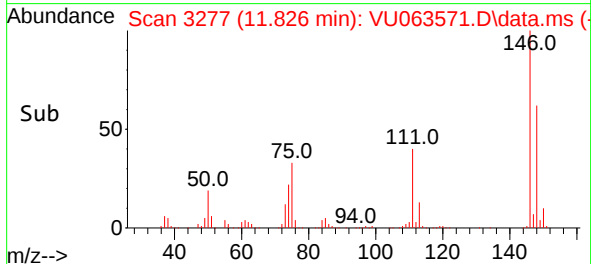


#83
1,4-Dichlorobenzene
Concen: 10.071 ug/l
RT: 11.826 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU063571.D
Acq: 15 Sep 2025 08:48

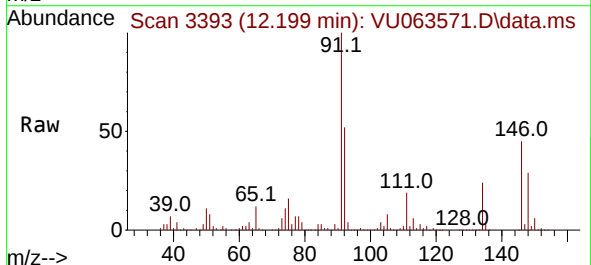
Instrument :
MSVOA_U
ClientSampleId :



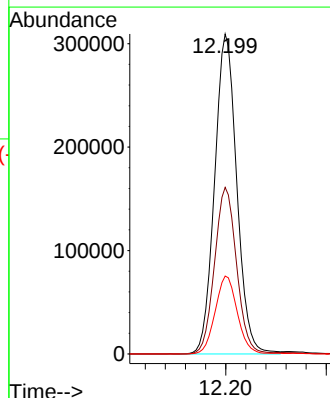
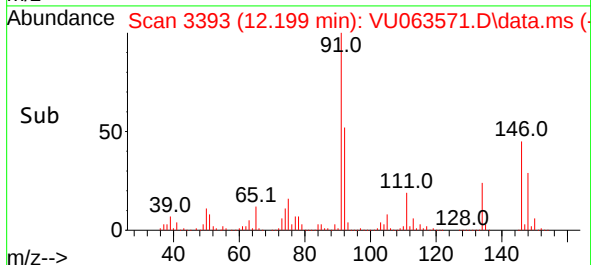
Tgt Ion:146 Resp: 261220
Ion Ratio Lower Upper
146 100
111 40.6 31.6 47.4
148 63.5 51.8 77.8

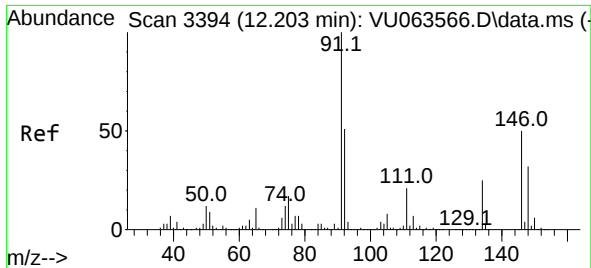


#84
n-Butylbenzene
Concen: 10.607 ug/l
RT: 12.199 min Scan# 3393
Delta R.T. -0.000 min
Lab File: VU063571.D
Acq: 15 Sep 2025 08:48



Tgt Ion: 91 Resp: 473935
Ion Ratio Lower Upper
91 100
92 51.7 41.3 61.9
134 24.4 19.9 29.9

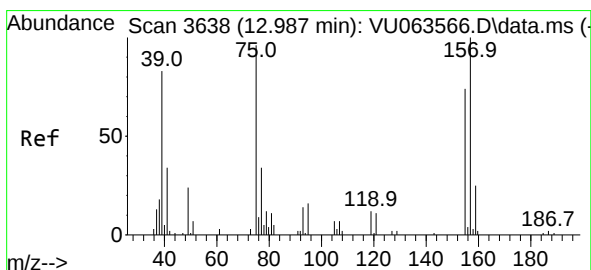
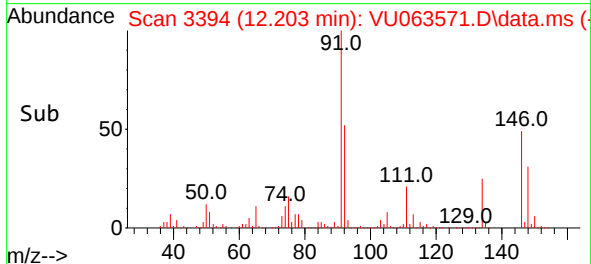
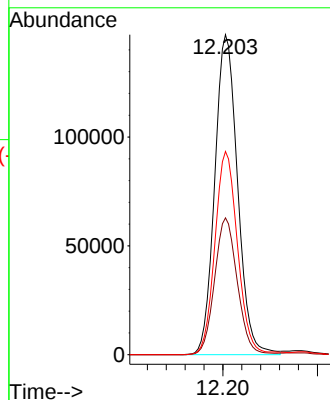
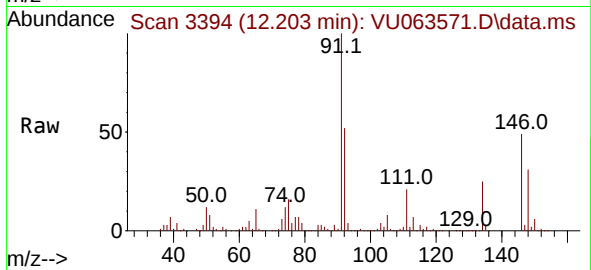




#85
 1,2-Dichlorobenzene
 Concen: 10.124 ug/l
 RT: 12.203 min Scan# 3394
 Delta R.T. -0.000 min
 Lab File: VU063571.D
 Acq: 15 Sep 2025 08:48

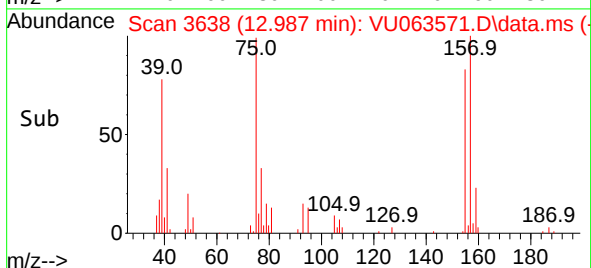
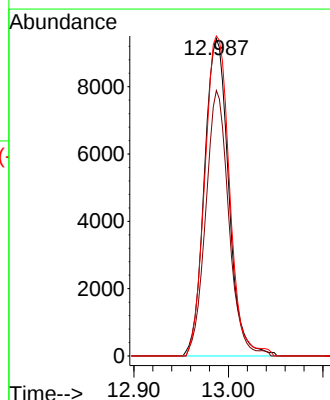
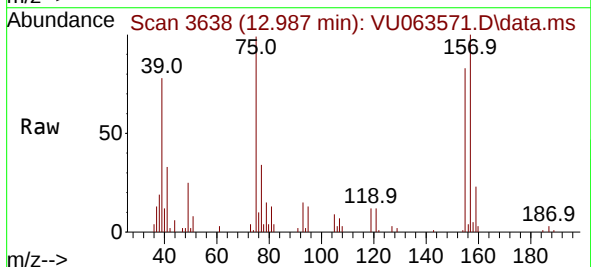
Instrument :
 MSVOA_U
 ClientSampleId :

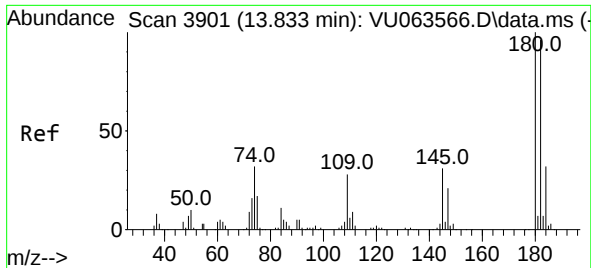
Tgt Ion:146 Resp: 246592
 Ion Ratio Lower Upper
 146 100
 111 42.5 21.0 63.0
 148 63.4 31.8 95.3



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 11.750 ug/l
 RT: 12.987 min Scan# 3638
 Delta R.T. -0.000 min
 Lab File: VU063571.D
 Acq: 15 Sep 2025 08:48

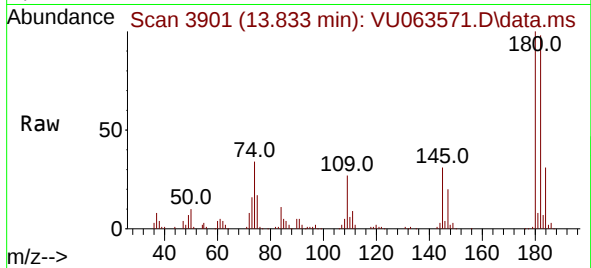
Tgt Ion: 75 Resp: 16821
 Ion Ratio Lower Upper
 75 100
 155 79.6 64.1 96.1
 157 102.6 84.2 126.4



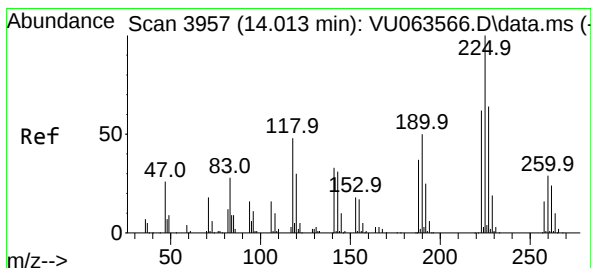
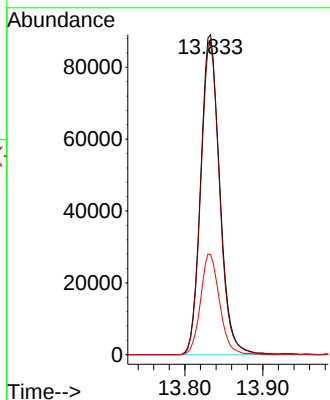
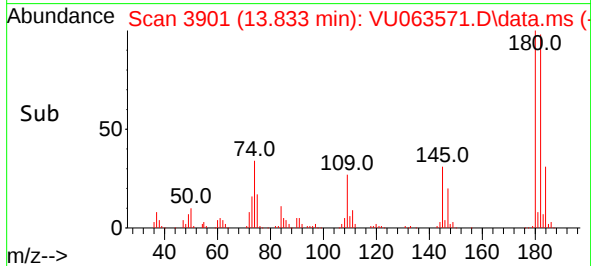


#87
 1,2,4-Trichlorobenzene
 Concen: 10.269 ug/l
 RT: 13.833 min Scan# 3901
 Delta R.T. -0.000 min
 Lab File: VU063571.D
 Acq: 15 Sep 2025 08:48

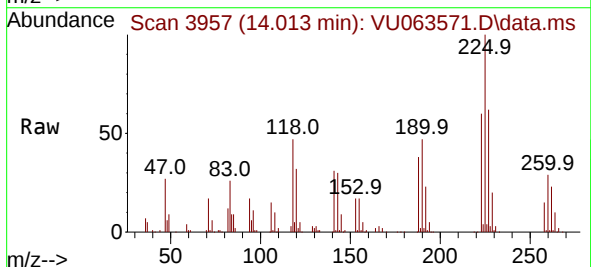
Instrument :
 MSVOA_U
 ClientSampleId :



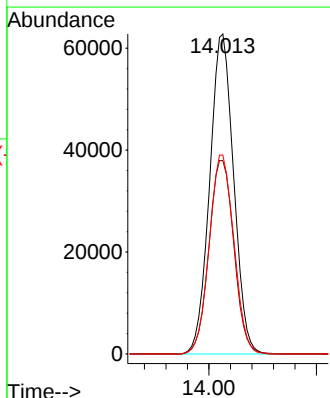
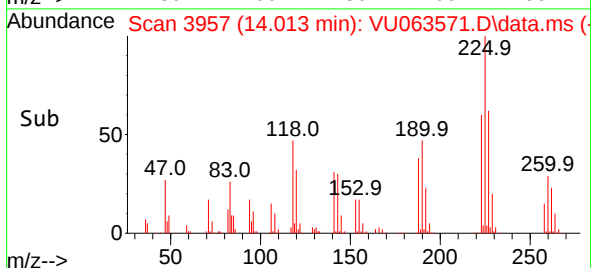
Tgt Ion:180 Resp: 151463
 Ion Ratio Lower Upper
 180 100
 182 96.6 77.1 115.7
 145 31.3 25.0 37.4

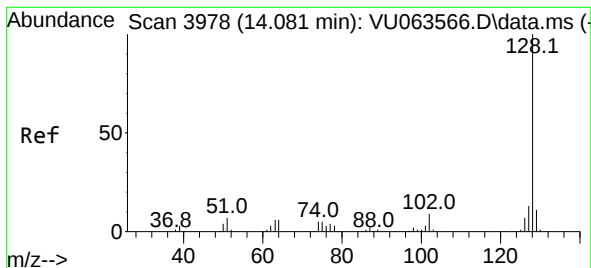


#88
 Hexachlorobutadiene
 Concen: 10.595 ug/l
 RT: 14.013 min Scan# 3957
 Delta R.T. -0.000 min
 Lab File: VU063571.D
 Acq: 15 Sep 2025 08:48



Tgt Ion:225 Resp: 97241
 Ion Ratio Lower Upper
 225 100
 223 62.7 50.2 75.2
 227 64.0 51.6 77.4





#89

Naphthalene

Concen: 9.529 ug/l

RT: 14.080 min Scan# 3978

Delta R.T. -0.000 min

Lab File: VU063571.D

Acq: 15 Sep 2025 08:48

Instrument :

MSVOA_U

ClientSampleId :

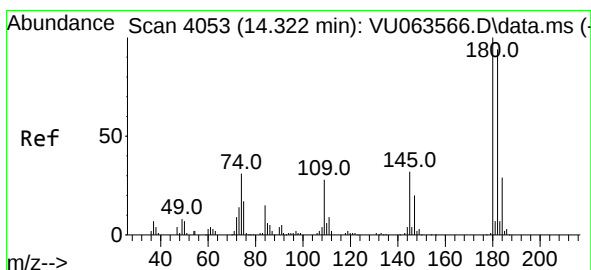
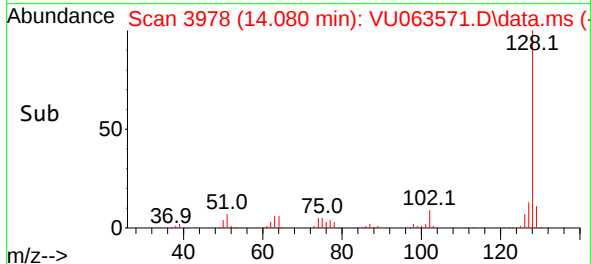
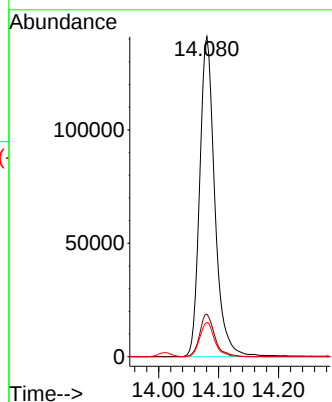
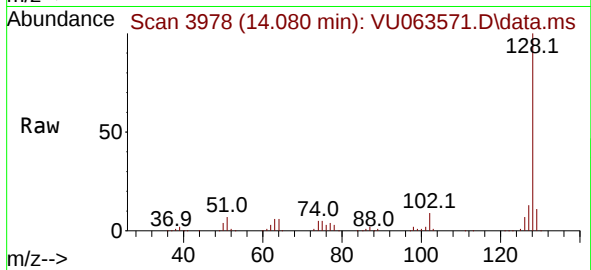
Tgt Ion:128 Resp: 248459

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

129 10.5 8.6 13.0



#90

1,2,3-Trichlorobenzene

Concen: 10.151 ug/l

RT: 14.322 min Scan# 4053

Delta R.T. -0.000 min

Lab File: VU063571.D

Acq: 15 Sep 2025 08:48

Tgt Ion:180 Resp: 142078

Ion Ratio Lower Upper

180 100

182 93.9 76.8 115.2

145 33.4 26.6 40.0

