

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091625\
 Data File : VU063590.D
 Acq On : 16 Sep 2025 12:39
 Operator : MD/SY
 Sample : Q2893-08
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 17 03:28:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U091225DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Sep 17 03:28:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.100	96	34284	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	10785	0.844	ug/l	0.00
Spiked Amount 1.000			Recovery	=	84.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	11688	0.898	ug/l	0.00
Spiked Amount 1.000			Recovery	=	90.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	5032	0.445	ug/l	99
3) Chloromethane	1.518	50	5540	0.500	ug/l	99
4) Vinyl Chloride	1.599	62	5068	0.422	ug/l	97
5) Bromomethane	1.846	94	4049	0.546	ug/l	96
6) Chloroethane	1.923	64	3679	0.477	ug/l	99
7) Trichlorofluoromethane	2.126	101	7925	0.450	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	4531	0.459	ug/l	99
9) 1,1-Dichloroethene	2.566	96	3937	0.441	ug/l	92
10) Iodomethane	2.708	142	5186	0.403	ug/l	93
11) Allyl Chloride	2.910	41	6316	0.425	ug/l	87
12) Acrylonitrile	3.309	53	2565	0.948	ug/l	97
13) Acetone	2.618	43	9989	2.609	ug/l	96
14) Carbon Disulfide	2.779	76	7516	0.403	ug/l #	90
15) Methylene Chloride	3.029	84	7943	0.673	ug/l	94
16) trans-1,2-Dichloroethene	3.338	96	4568	0.480	ug/l #	93
17) 1,1-Dichloroethane	3.853	63	9857	0.452	ug/l	99
18) 2-Butanone	4.714	43	10287	2.359	ug/l	100
19) Cyclohexane	5.364	56	7387	0.423	ug/l	93
20) Methylcyclohexane	6.740	83	7893	0.493	ug/l	96
21) 2,2-Dichloropropane	4.647	77	6909	0.428	ug/l	93
22) cis-1,2-Dichloroethene	4.647	96	5357	0.458	ug/l	99
23) Diethyl Ether	2.370	59	3515	0.444	ug/l	90
24) tert-Butyl Alcohol	3.190	59	5436	5.179	ug/l #	93
25) Methyl tert-Butyl Ether	3.364	73	11774	0.441	ug/l	93
26) Bromochloromethane	4.959	128	1825	0.386	ug/l	85
27) Chloroform	5.074	83	9976	0.457	ug/l	90
28) 1,1,1-Trichloroethane	5.299	97	7289	0.435	ug/l	97
29) 1,1-Dichloropropene	5.505	75	7640	0.490	ug/l	95
30) Carbon Tetrachloride	5.505	117	4915	0.398	ug/l	97
31) Isopropyl Ether	3.994	45	17108	0.468	ug/l	97
32) Ethyl-t-butyl ether	4.505	59	14620	0.468	ug/l	98
33) Tert-Amyl methyl ether	5.942	73	11411	0.429	ug/l	98
34) Propionitrile	4.775	54	2295	2.250	ug/l #	83
35) Benzene	5.759	78	20895	0.466	ug/l	96
36) 1,2-Dichloroethane	5.785	62	7250	0.479	ug/l	97
37) Trichloroethene	6.524	130	4904	0.439	ug/l	94
38) 1,2-Dichloropropane	6.782	63	5568	0.468	ug/l #	88
39) Methacrylonitrile	4.975	41	2494	0.518	ug/l #	86
40) Methyl acrylate	4.852	55	2613	0.396	ug/l #	87
41) Tetrahydrofuran	5.055	42	2755	1.098	ug/l	90
42) 1-Chlorobutane	5.441	56	10315	0.472	ug/l	99
43) Dibromomethane	6.907	93	2752	0.483	ug/l	96
44) Bromodichloromethane	7.094	83	5082	0.417	ug/l	97

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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Sep 17 03:28:19 2025
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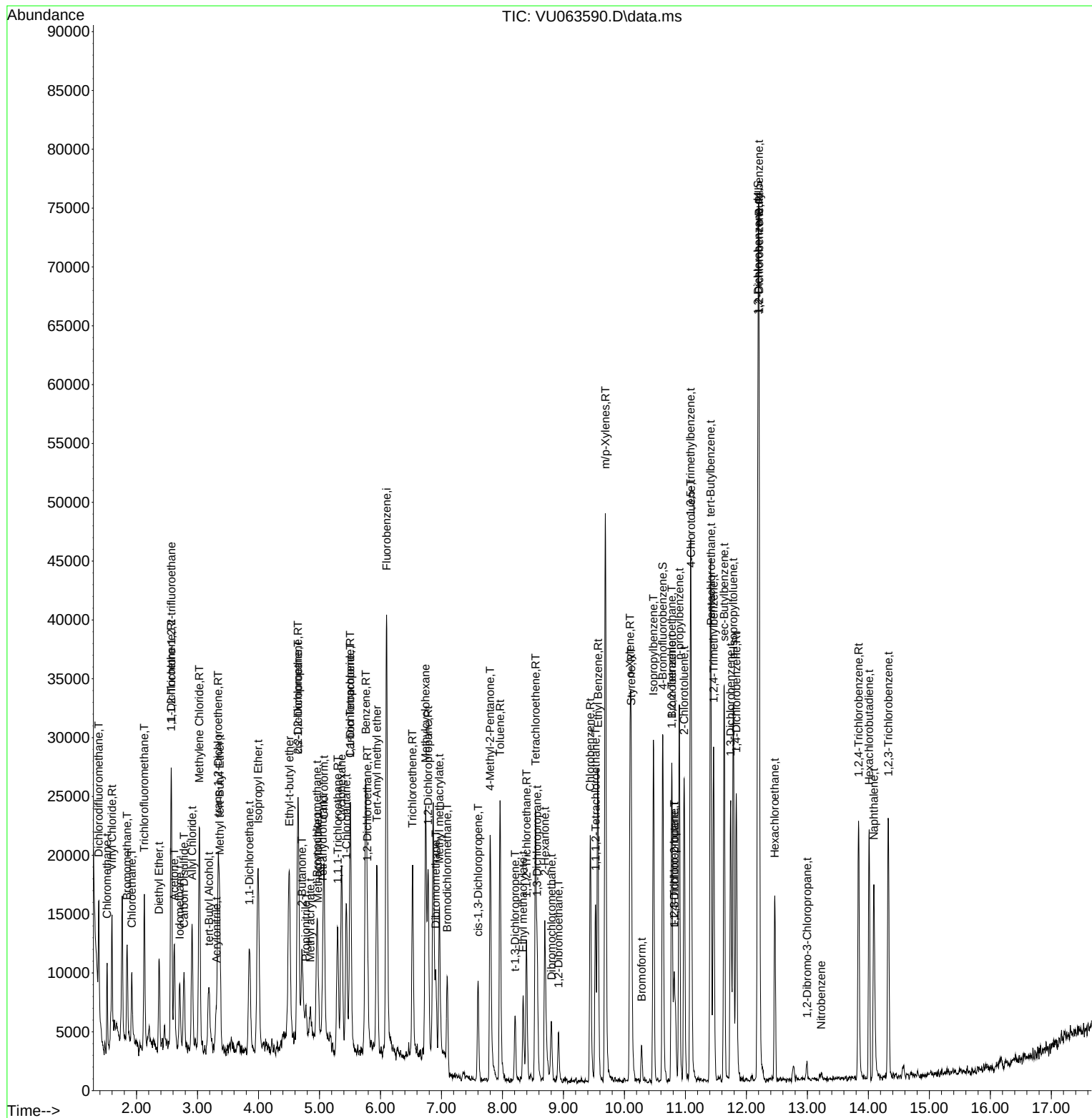
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.798	43	15627	2.189	ug/l	99
46) t-1,4-Dichloro-2-butene	10.817	75	4756	1.781	ug/l #	38
47) Methyl methacrylate	6.965	69	5118	1.004	ug/l	85
48) Ethyl methacrylate	8.338	69	4034	0.427	ug/l	97
49) Toluene	7.962	92	10499	0.431	ug/l	98
50) t-1,3-Dichloropropene	8.206	75	3362	0.369	ug/l	97
51) cis-1,3-Dichloropropene	7.602	75	4830	0.398	ug/l #	93
52) 1,1,2-Trichloroethane	8.396	97	3420	0.424	ug/l	95
53) 1,3-Dichloropropane	8.569	76	6197	0.442	ug/l	96
54) 2-Hexanone	8.695	43	11963	2.294	ug/l	94
55) Dibromochloromethane	8.804	129	2565	0.328	ug/l	88
56) 1,2-Dibromoethane	8.920	107	2713	0.390	ug/l	86
58) Tetrachloroethene	8.544	164	4696	0.427	ug/l	94
59) Chlorobenzene	9.441	112	11908	0.424	ug/l	90
60) 1,1,1,2-Tetrachloroethane	9.531	131	3667	0.400	ug/l	96
61) Pentachloroethane	11.421	117	2696	0.410	ug/l	90
62) Hexachloroethane	12.463	117	2052	0.359	ug/l	97
63) Ethyl Benzene	9.566	91	19884	0.415	ug/l	98
64) m/p-Xylenes	9.688	106	14525	0.789	ug/l	98
65) o-Xylene	10.093	106	7141	0.388	ug/l	97
66) Styrene	10.113	104	11668	0.397	ug/l	100
67) Bromoform	10.283	173	1381	0.355	ug/l #	92
69) Isopropylbenzene	10.476	105	18466	0.413	ug/l	96
70) 1,1,2,2-Tetrachloroethane	10.775	83	4597	0.448	ug/l	98
71) 1,2,3-Trichloropropane	10.817	75	4756	0.625	ug/l #	84
72) Bromobenzene	10.778	156	5080	0.438	ug/l	83
73) n-propylbenzene	10.900	120	5706	0.441	ug/l	99
74) 2-Chlorotoluene	10.978	126	4980	0.426	ug/l	98
75) 1,3,5-Trimethylbenzene	11.084	105	16434	0.393	ug/l	100
76) 4-Chlorotoluene	11.093	126	5124	0.418	ug/l	94
77) tert-Butylbenzene	11.412	119	16938	0.419	ug/l	99
78) 1,2,4-Trimethylbenzene	11.463	105	16898	0.415	ug/l	99
79) sec-Butylbenzene	11.637	105	22850	0.417	ug/l	100
80) Nitrobenzene	13.225	77	492	3.489	ug/l #	47
81) p-Isopropyltoluene	11.785	119	18584	0.422	ug/l	97
82) 1,3-Dichlorobenzene	11.743	146	10496	0.449	ug/l	97
83) 1,4-Dichlorobenzene	11.836	146	10889	0.454	ug/l	94
84) n-Butylbenzene	12.206	91	19314	0.467	ug/l	98
85) 1,2-Dichlorobenzene	12.209	146	10085	0.448	ug/l	94
86) 1,2-Dibromo-3-Chloropr...	12.997	75	381	0.288	ug/l	91
87) 1,2,4-Trichlorobenzene	13.839	180	7475	0.548	ug/l	99
88) Hexachlorobutadiene	14.013	225	3768	0.444	ug/l	98
89) Naphthalene	14.090	128	16950	0.703	ug/l	98
90) 1,2,3-Trichlorobenzene	14.328	180	7509	0.580	ug/l	99

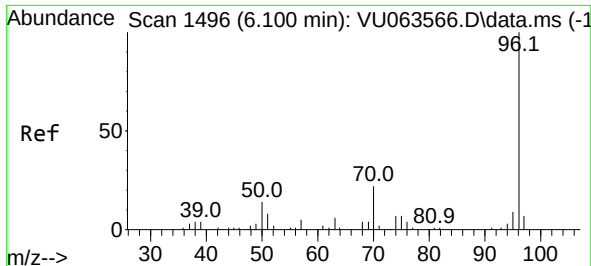
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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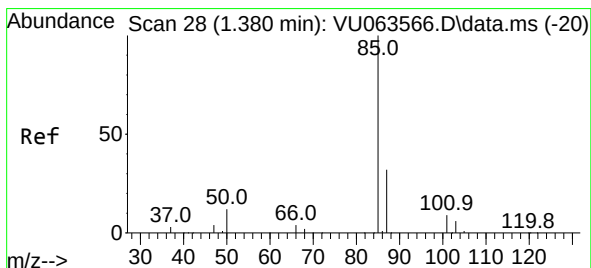
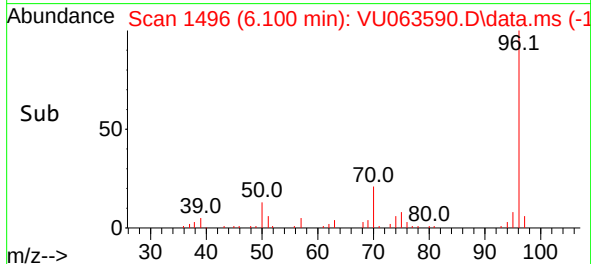
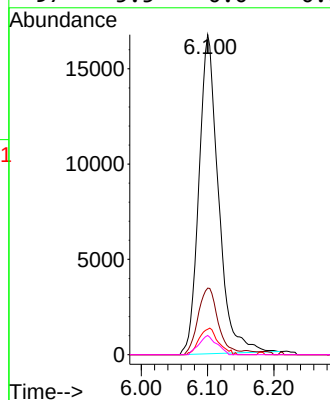
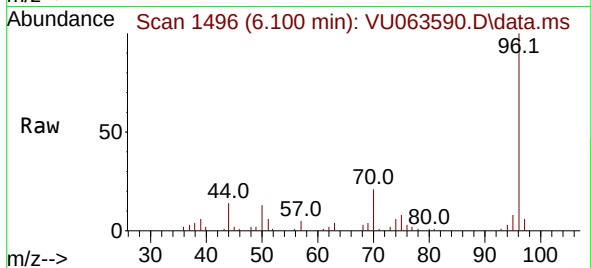




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.100 min Scan# 1496
Delta R.T. 0.000 min
Lab File: VU063590.D
Acq: 16 Sep 2025 12:39

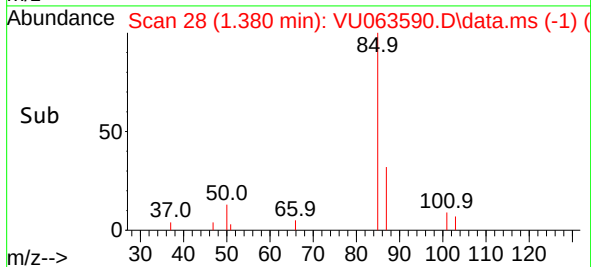
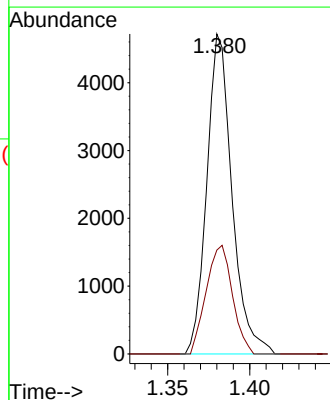
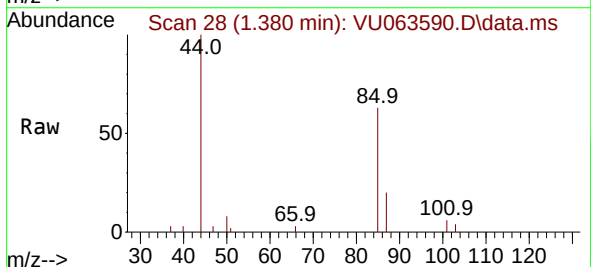
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MSVOA_U
ClientSampleId :

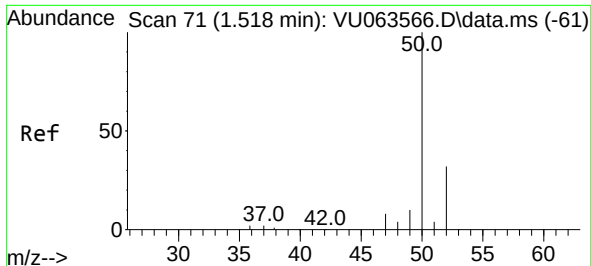
Tgt Ion: 96 Resp: 34284
Ion Ratio Lower Upper
96 100
70 20.1 15.5 23.3
95 8.1 7.7 11.5
97 5.5 0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 0.445 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU063590.D
Acq: 16 Sep 2025 12:39

Tgt Ion: 85 Resp: 5032
Ion Ratio Lower Upper
85 100
87 32.5 16.1 48.2

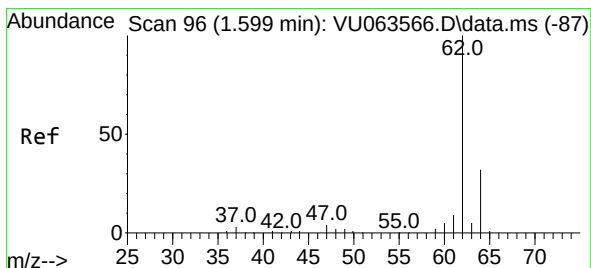
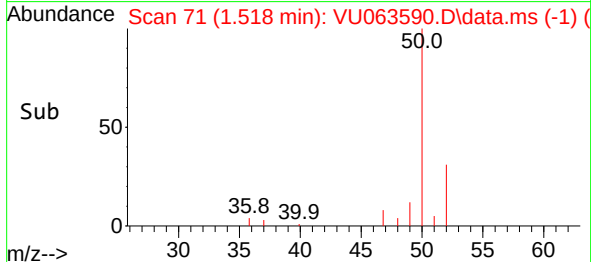
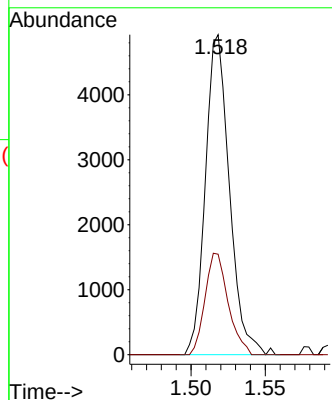
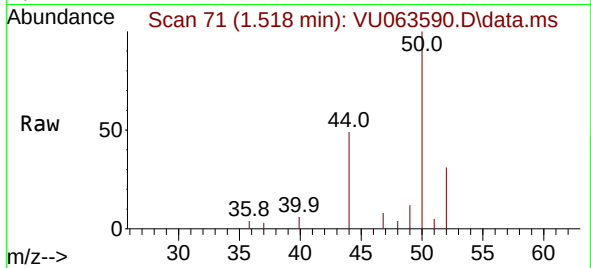




#3
Chloromethane
Concen: 0.500 ug/l
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU063590.D
Acq: 16 Sep 2025 12:39

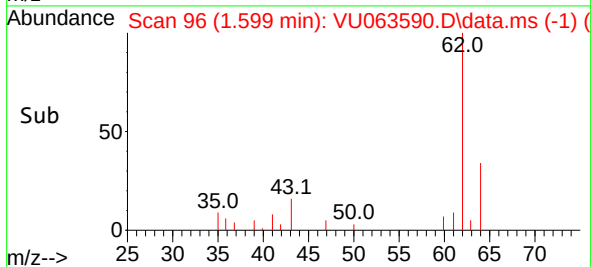
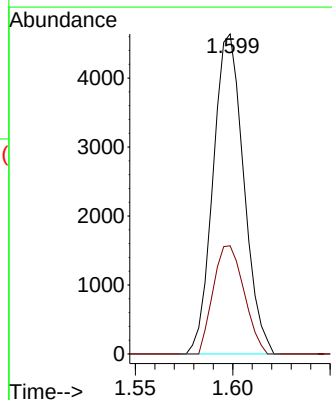
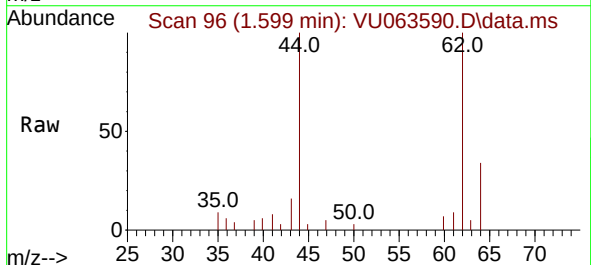
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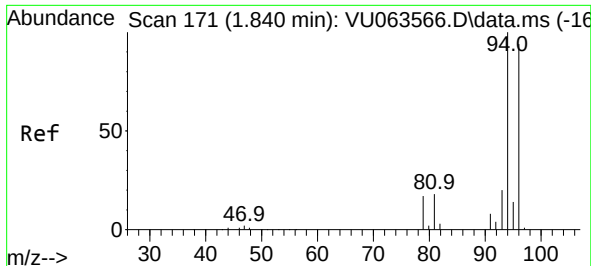
Tgt Ion: 50 Resp: 5540
Ion Ratio Lower Upper
50 100
52 31.4 25.6 38.4



#4
Vinyl Chloride
Concen: 0.422 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063590.D
Acq: 16 Sep 2025 12:39

Tgt Ion: 62 Resp: 5068
Ion Ratio Lower Upper
62 100
64 33.8 25.5 38.3

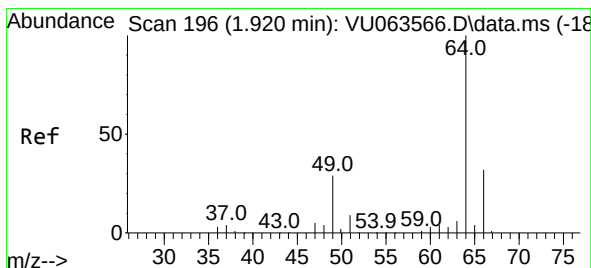
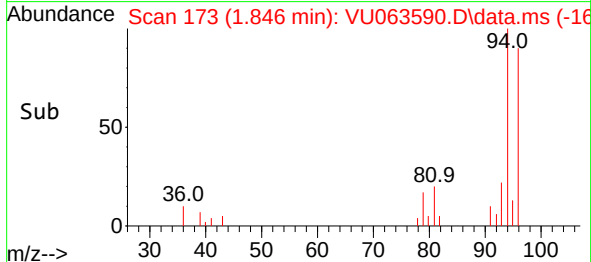
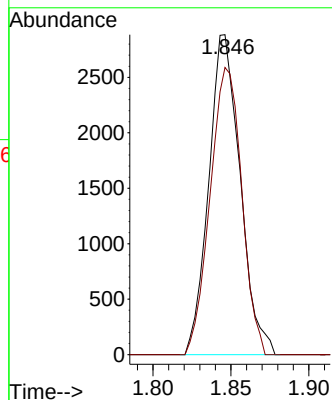
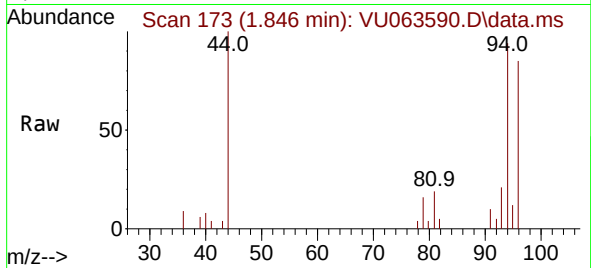




#5
Bromomethane
Concen: 0.546 ug/l
RT: 1.846 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU063590.D
Acq: 16 Sep 2025 12:39

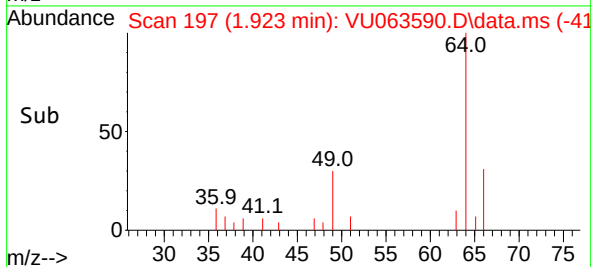
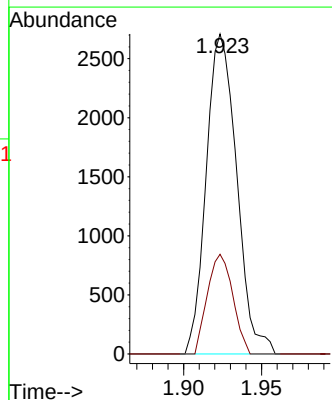
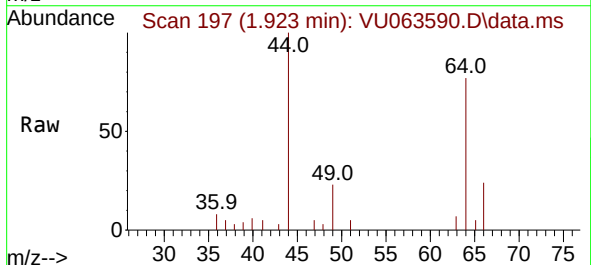
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MSVOA_U
ClientSampleId :

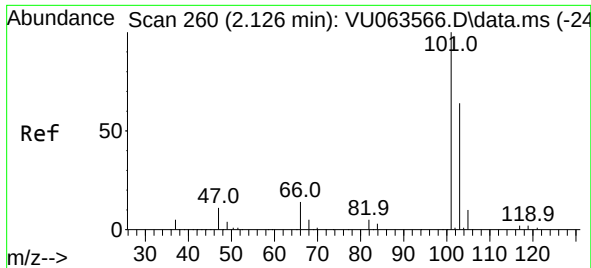
Tgt Ion: 94 Resp: 4049
Ion Ratio Lower Upper
94 100
96 89.7 75.1 112.7



#6
Chloroethane
Concen: 0.477 ug/l
RT: 1.923 min Scan# 197
Delta R.T. 0.003 min
Lab File: VU063590.D
Acq: 16 Sep 2025 12:39

Tgt Ion: 64 Resp: 3679
Ion Ratio Lower Upper
64 100
66 31.2 25.4 38.0

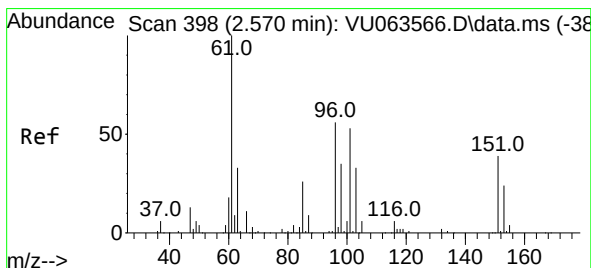
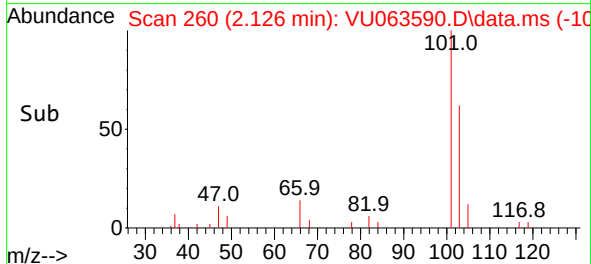
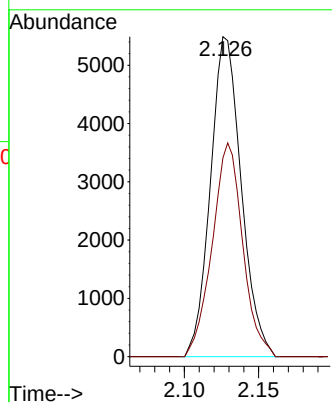
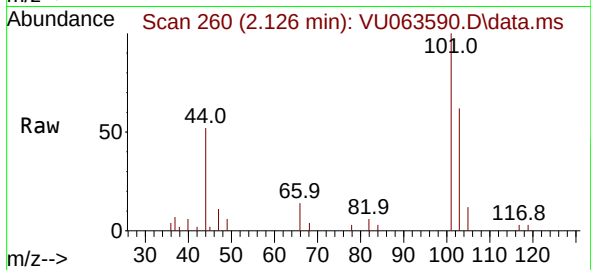




#7
 Trichlorofluoromethane
 Concen: 0.450 ug/l
 RT: 2.126 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VU063590.D
 Acq: 16 Sep 2025 12:39

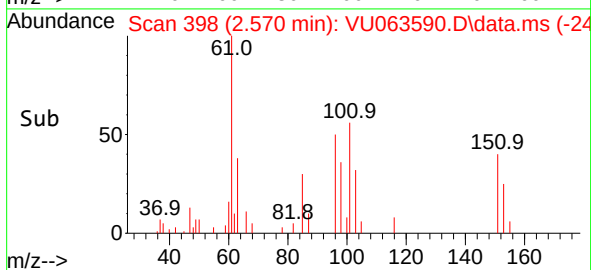
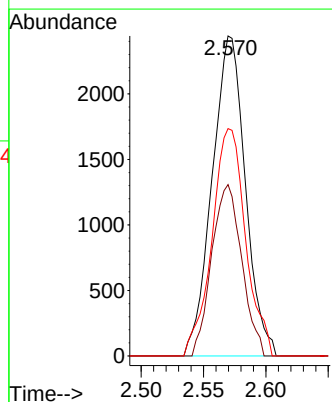
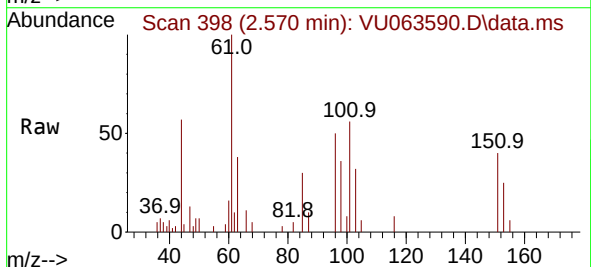
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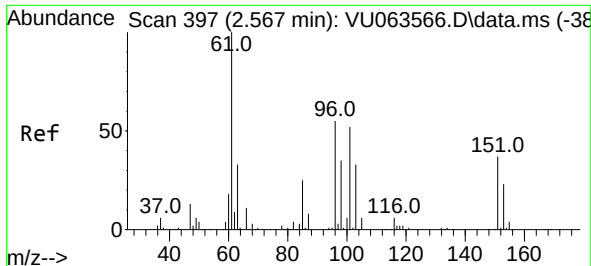
Tgt Ion:101 Resp: 7925
 Ion Ratio Lower Upper
 101 100
 103 62.1 50.8 76.2



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.459 ug/l
 RT: 2.570 min Scan# 398
 Delta R.T. -0.000 min
 Lab File: VU063590.D
 Acq: 16 Sep 2025 12:39

Tgt Ion:101 Resp: 4531
 Ion Ratio Lower Upper
 101 100
 85 48.5 38.7 58.1
 151 72.0 58.2 87.2

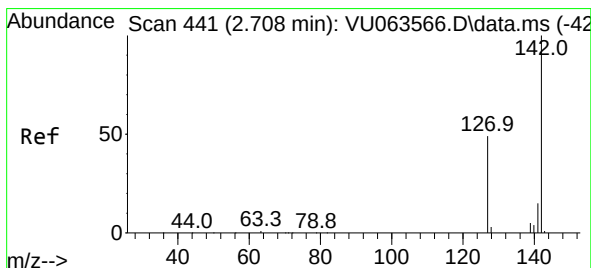
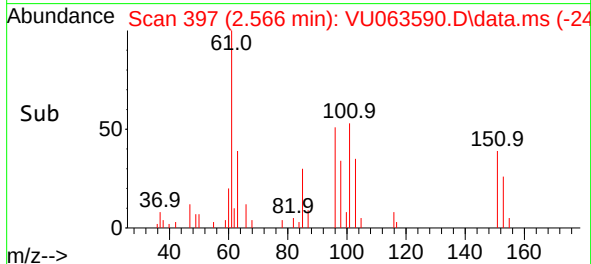
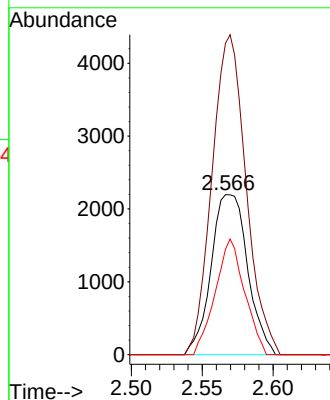
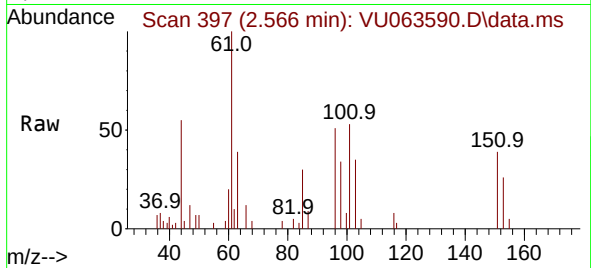




#9
1,1-Dichloroethene
Concen: 0.441 ug/l
RT: 2.566 min Scan# 397
Delta R.T. -0.000 min
Lab File: VU063590.D
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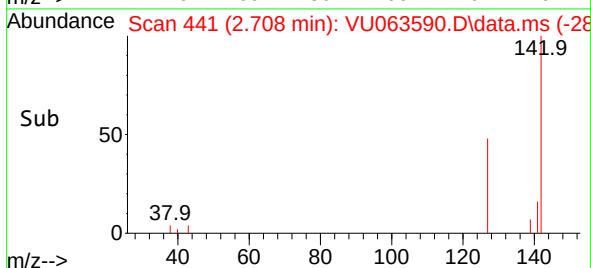
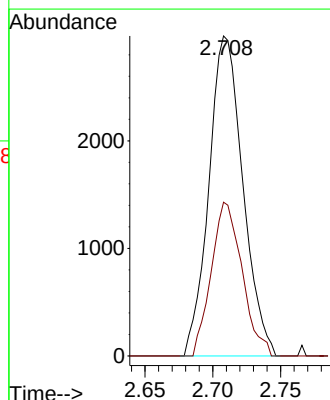
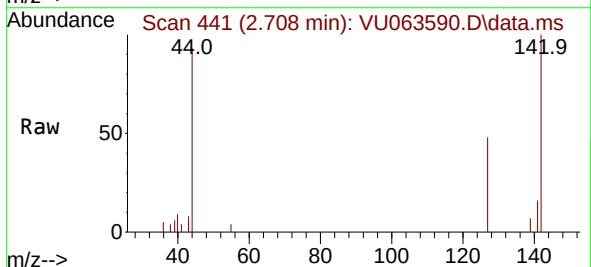
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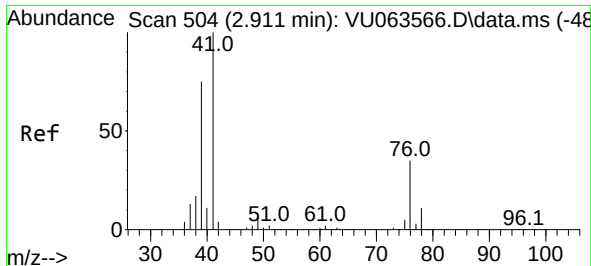
Tgt Ion: 96 Resp: 3937
Ion Ratio Lower Upper
96 100
61 194.5 0.0 543.9
98 65.9 0.0 125.8



#10
Iodomethane
Concen: 0.403 ug/l
RT: 2.708 min Scan# 441
Delta R.T. -0.000 min
Lab File: VU063590.D
Acq: 16 Sep 2025 12:39

Tgt Ion: 142 Resp: 5186
Ion Ratio Lower Upper
142 100
127 43.6 38.6 58.0





#11

Allyl Chloride

Concen: 0.425 ug/l

RT: 2.910 min Scan# 504

Delta R.T. -0.000 min

Lab File: VU063590.D

Acq: 16 Sep 2025 12:39

Instrument :

MSVOA_U

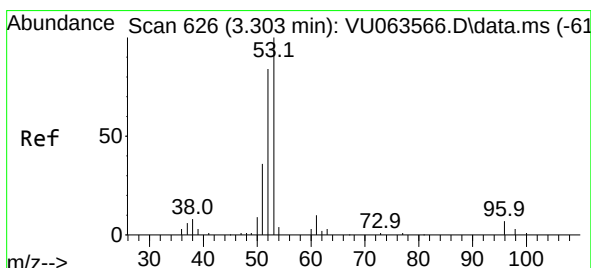
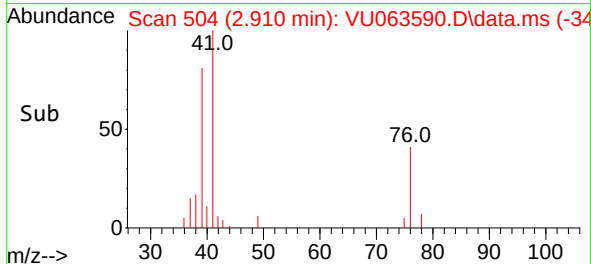
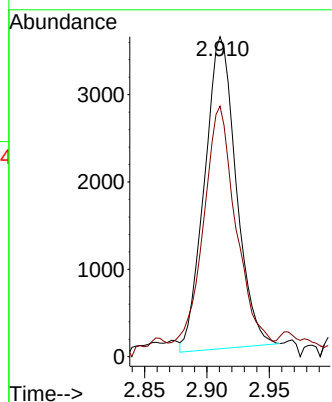
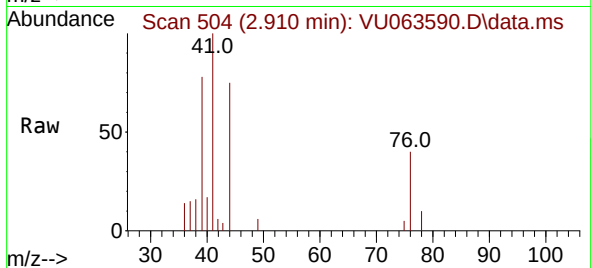
ClientSampleId :

Tgt Ion: 41 Resp: 6316

Ion Ratio Lower Upper

41 100

39 87.7 61.2 91.8



#12

Acrylonitrile

Concen: 0.948 ug/l

RT: 3.309 min Scan# 628

Delta R.T. 0.006 min

Lab File: VU063590.D

Acq: 16 Sep 2025 12:39

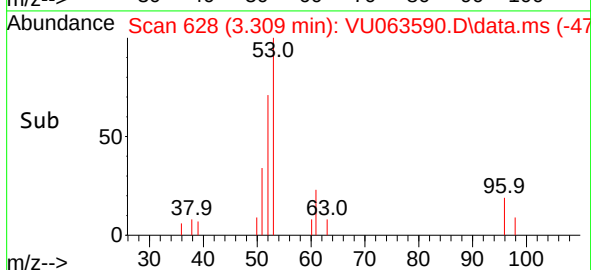
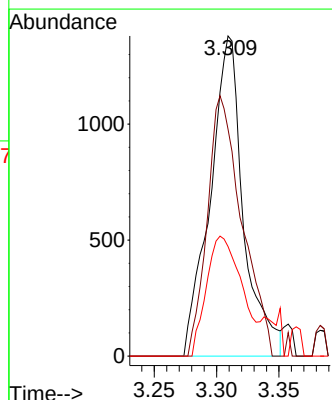
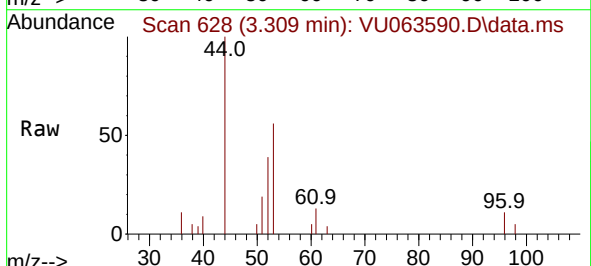
Tgt Ion: 53 Resp: 2565

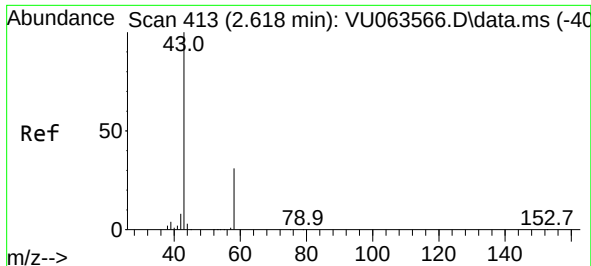
Ion Ratio Lower Upper

53 100

52 84.3 65.0 97.4

51 39.3 31.2 46.8





#13

Acetone

Concen: 2.609 ug/l

RT: 2.618 min Scan# 413

Delta R.T. -0.000 min

Lab File: VU063590.D

Acq: 16 Sep 2025 12:39

Instrument :

MSVOA_U

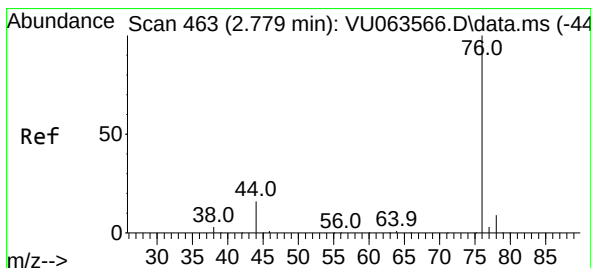
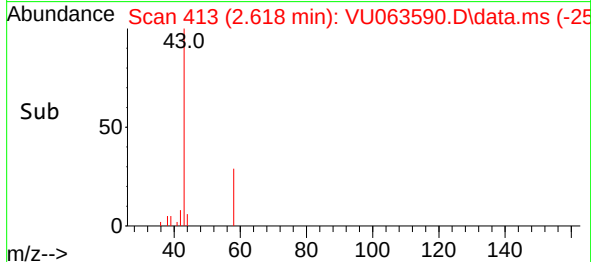
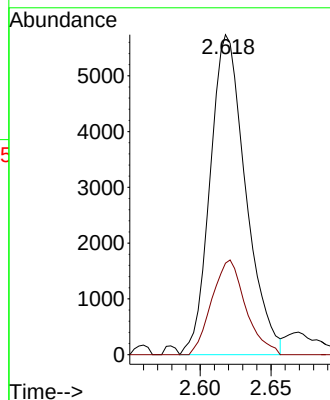
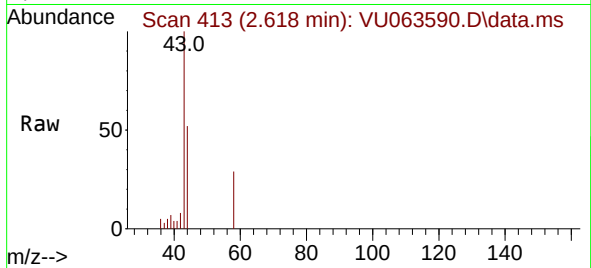
ClientSampleId :

Tgt Ion: 43 Resp: 9989

Ion Ratio Lower Upper

43 100

58 28.6 24.7 37.1



#14

Carbon Disulfide

Concen: 0.403 ug/l

RT: 2.779 min Scan# 463

Delta R.T. -0.000 min

Lab File: VU063590.D

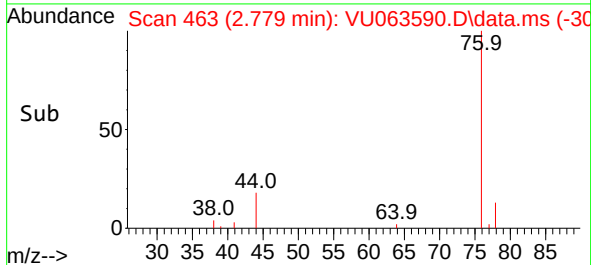
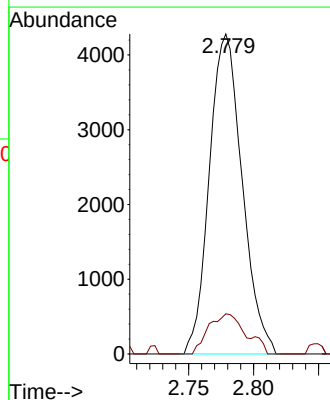
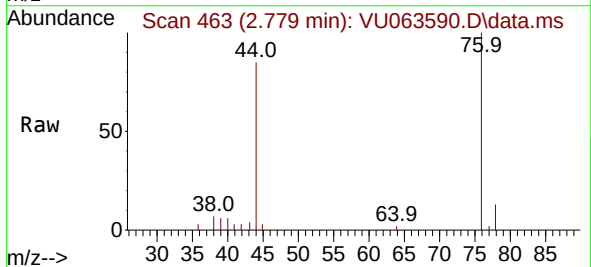
Acq: 16 Sep 2025 12:39

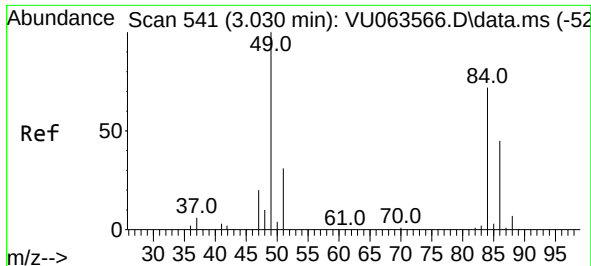
Tgt Ion: 76 Resp: 7516

Ion Ratio Lower Upper

76 100

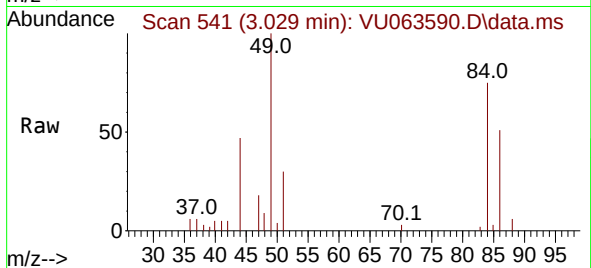
78 12.6 7.3 10.9#



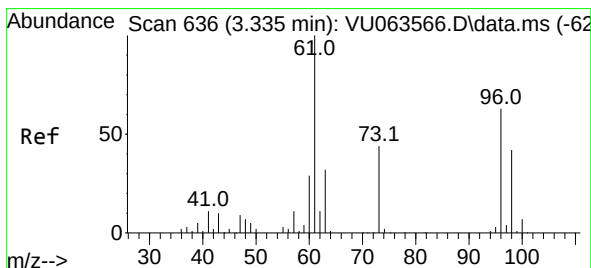
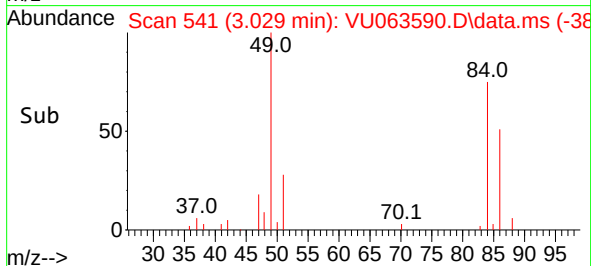
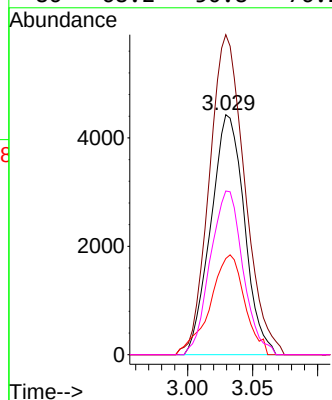


#15
Methylene Chloride
Concen: 0.673 ug/l
RT: 3.029 min Scan# 541
Delta R.T. -0.000 min
Lab File: VU063590.D
Acq: 16 Sep 2025 12:39

Instrument :
MSVOA_U
ClientSampleId :

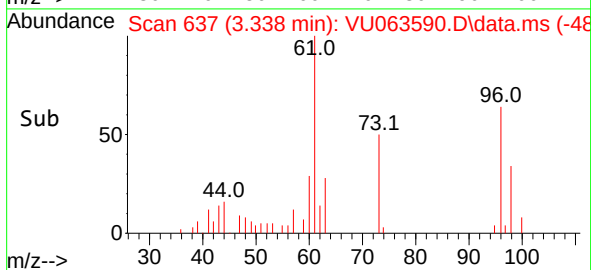
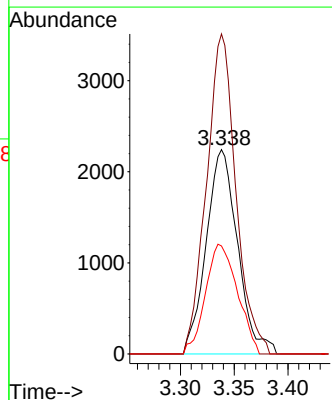
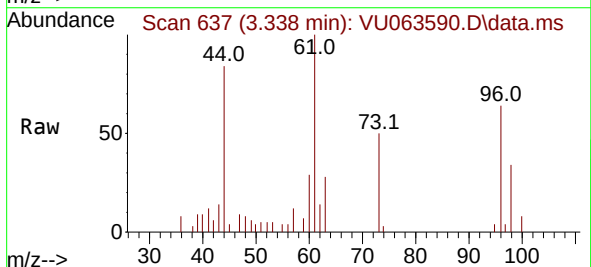


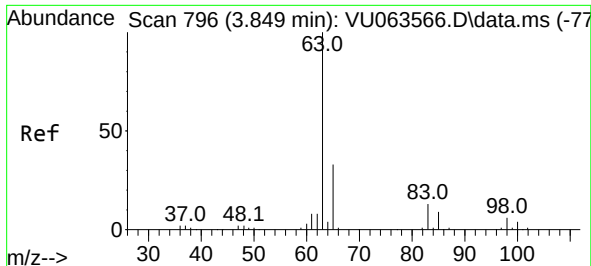
Tgt Ion:	84	Resp:	7943
Ion	Ratio	Lower	Upper
84	100		
49	130.9	111.8	167.6
51	40.1	0.0	86.0
86	68.2	50.8	76.2



#16
trans-1,2-Dichloroethene
Concen: 0.480 ug/l
RT: 3.338 min Scan# 637
Delta R.T. 0.003 min
Lab File: VU063590.D
Acq: 16 Sep 2025 12:39

Tgt Ion:	96	Resp:	4568
Ion	Ratio	Lower	Upper
96	100		
61	156.6	127.8	191.6
98	52.9	53.8	80.8#





#17

1,1-Dichloroethane

Concen: 0.452 ug/l

RT: 3.853 min Scan# 796

Delta R.T. 0.003 min

Lab File: VU063590.D

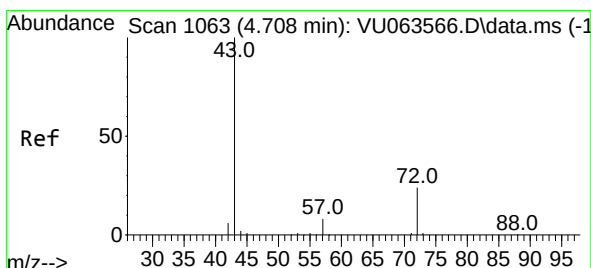
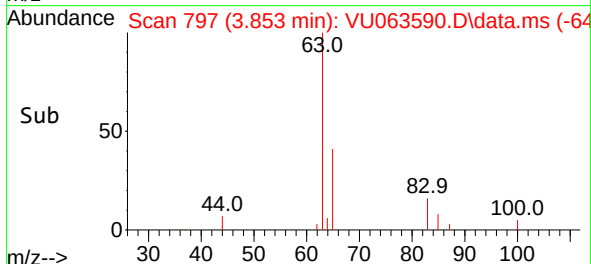
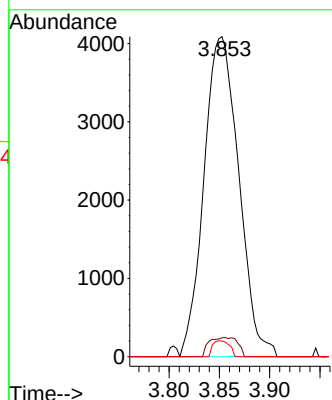
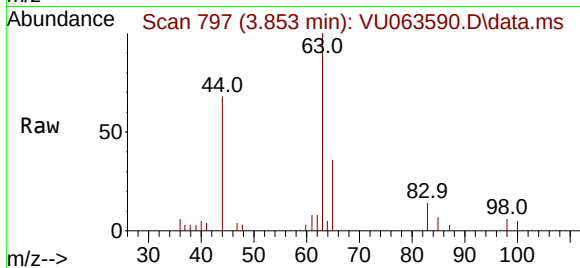
Acq: 16 Sep 2025 12:39

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	9857
Ion	Ratio	Lower	Upper
63	100		
98	5.9	2.9	8.8
100	4.9	2.0	5.8



#18

2-Butanone

Concen: 2.359 ug/l

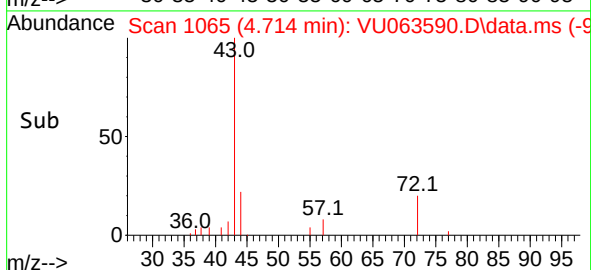
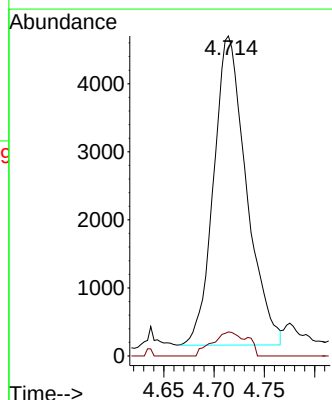
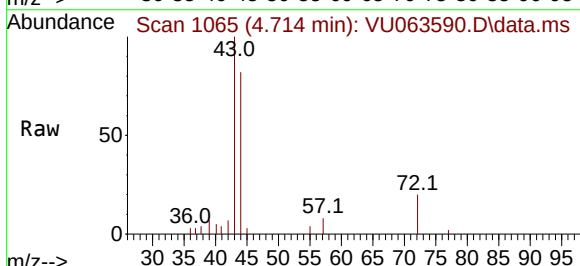
RT: 4.714 min Scan# 1065

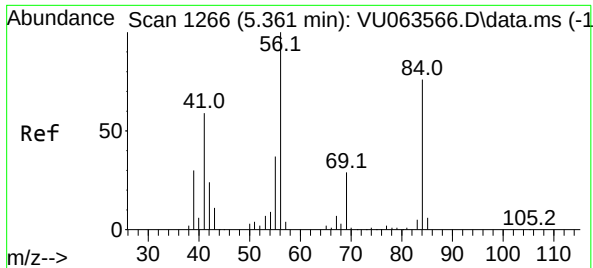
Delta R.T. 0.006 min

Lab File: VU063590.D

Acq: 16 Sep 2025 12:39

Tgt Ion:	43	Resp:	10287
Ion	Ratio	Lower	Upper
43	100		
57	7.8	0.0	15.8





#19

Cyclohexane

Concen: 0.423 ug/l

RT: 5.364 min Scan# 1266

Delta R.T. 0.003 min

Lab File: VU063590.D

Acq: 16 Sep 2025 12:39

Instrument :

MSVOA_U

ClientSampleId :

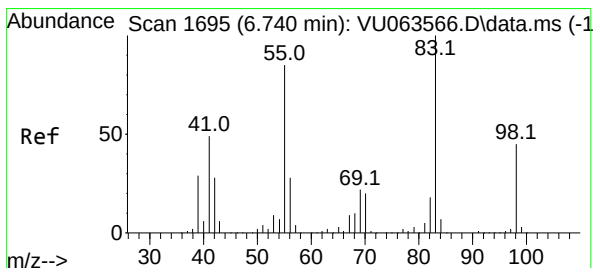
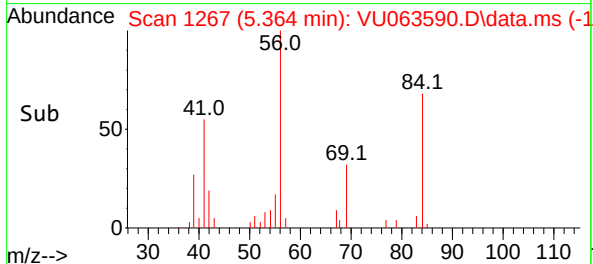
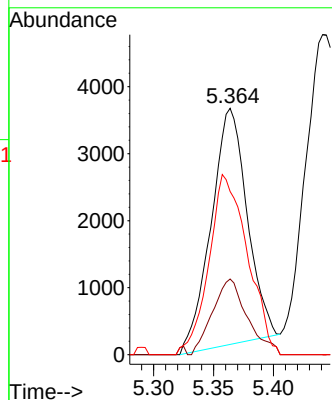
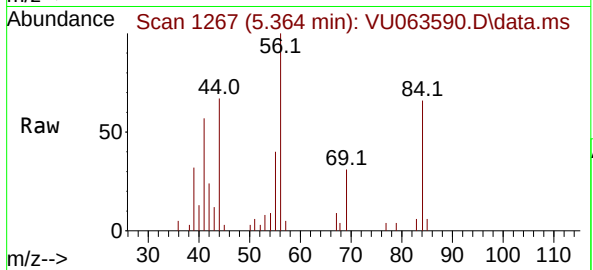
Tgt Ion: 56 Resp: 7387

Ion Ratio Lower Upper

56 100

69 30.9 22.7 34.1

84 81.3 59.4 89.0



#20

Methylcyclohexane

Concen: 0.493 ug/l

RT: 6.740 min Scan# 1695

Delta R.T. -0.000 min

Lab File: VU063590.D

Acq: 16 Sep 2025 12:39

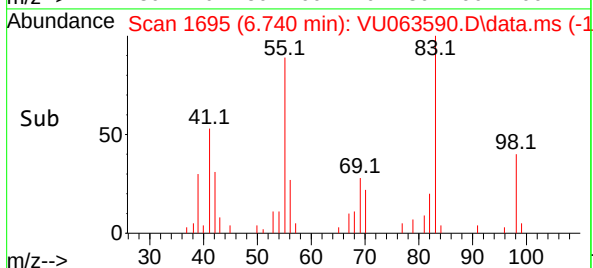
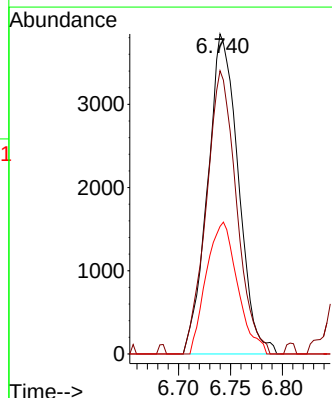
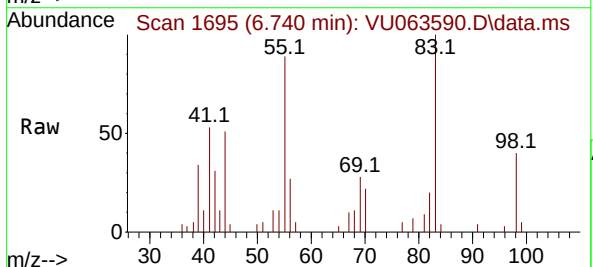
Tgt Ion: 83 Resp: 7893

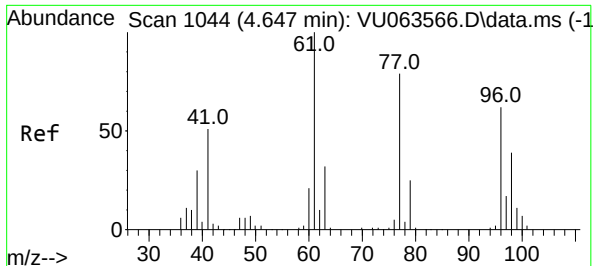
Ion Ratio Lower Upper

83 100

55 86.9 66.7 100.1

98 41.9 35.9 53.9

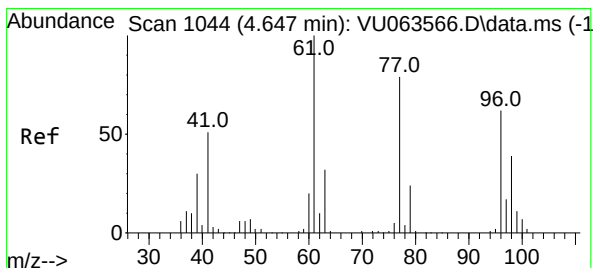
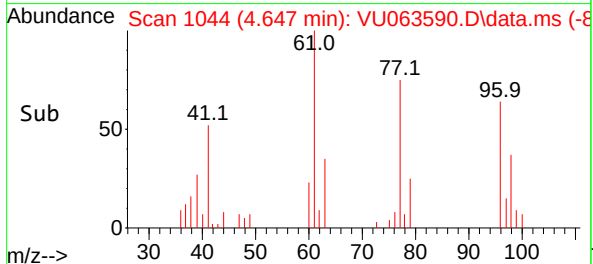
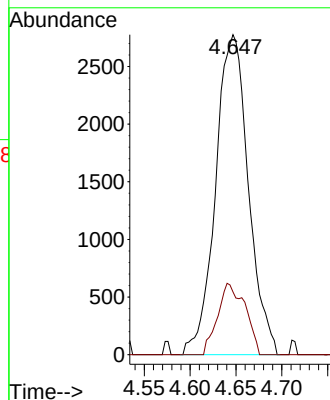
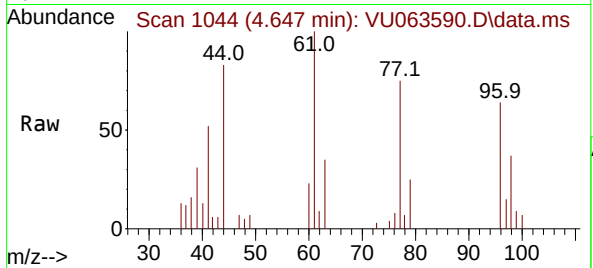




#21
2,2-Dichloropropane
Concen: 0.428 ug/l
RT: 4.647 min Scan# 1044
Delta R.T. -0.000 min
Lab File: VU063590.D
Acq: 16 Sep 2025 12:39

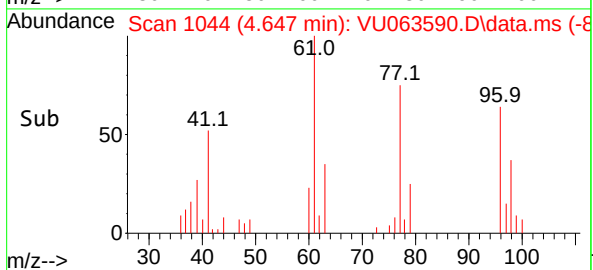
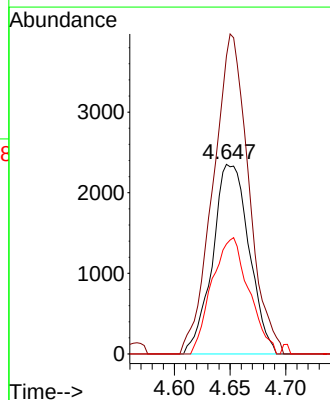
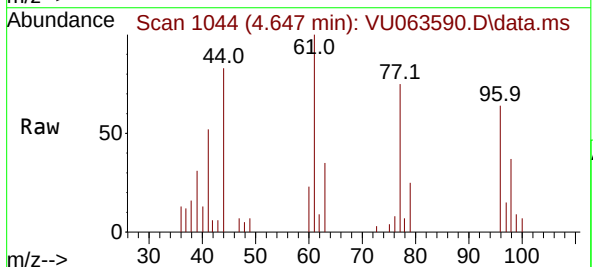
Instrument :
MSVOA_U
ClientSampleId :

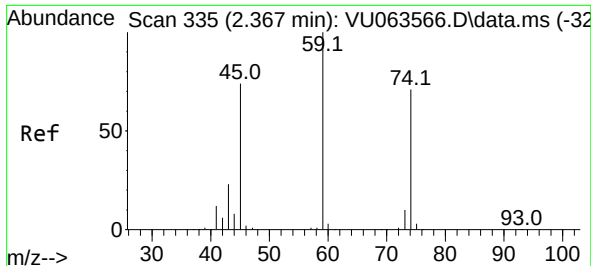
Tgt Ion: 77 Resp: 6909
Ion Ratio Lower Upper
77 100
97 18.8 17.5 26.3



#22
cis-1,2-Dichloroethene
Concen: 0.458 ug/l
RT: 4.647 min Scan# 1044
Delta R.T. -0.000 min
Lab File: VU063590.D
Acq: 16 Sep 2025 12:39

Tgt Ion: 96 Resp: 5357
Ion Ratio Lower Upper
96 100
61 164.4 0.0 411.0
98 62.3 31.9 95.9

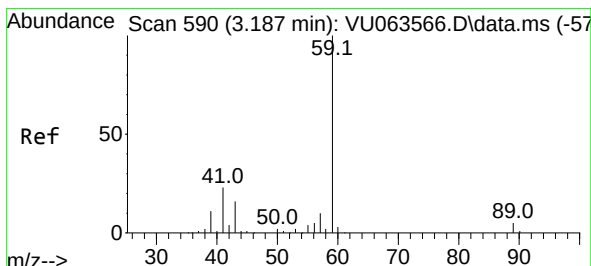
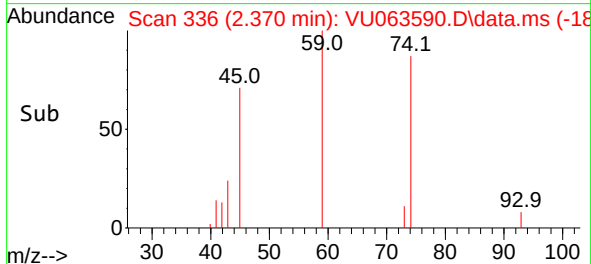
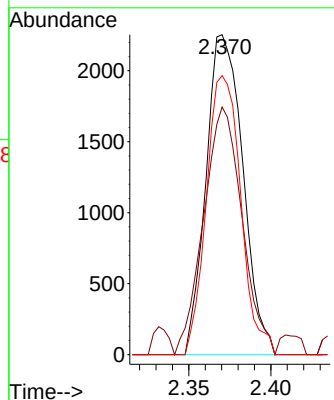
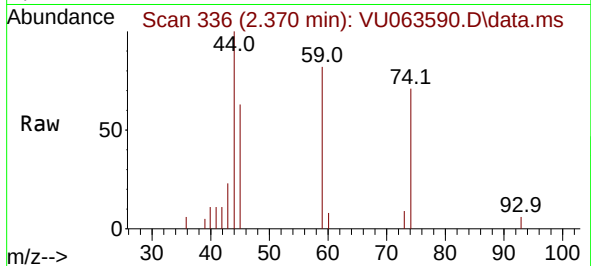




#23
Diethyl Ether
Concen: 0.444 ug/l
RT: 2.370 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063590.D
Acq: 16 Sep 2025 12:39

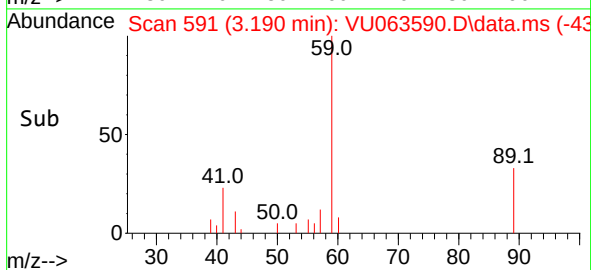
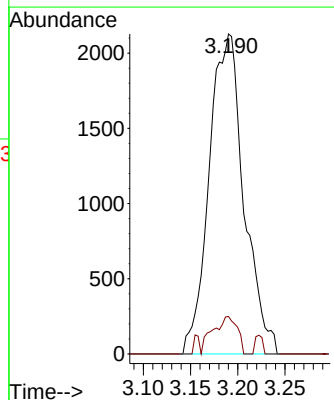
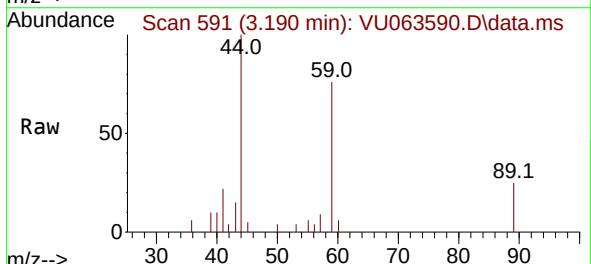
Instrument :
MSVOA_U
ClientSampleId :

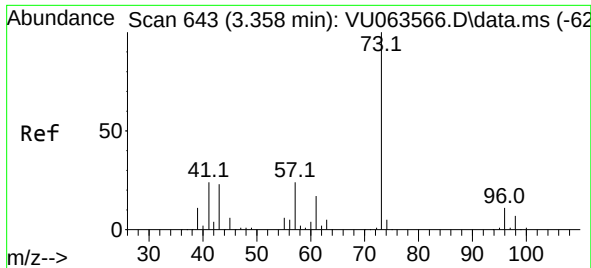
Tgt Ion: 59 Resp: 3515
Ion Ratio Lower Upper
59 100
45 80.7 59.0 88.6
74 81.4 57.8 86.6



#24
tert-Butyl Alcohol
Concen: 5.179 ug/l
RT: 3.190 min Scan# 591
Delta R.T. 0.003 min
Lab File: VU063590.D
Acq: 16 Sep 2025 12:39

Tgt Ion: 59 Resp: 5436
Ion Ratio Lower Upper
59 100
57 8.2 8.6 12.8#

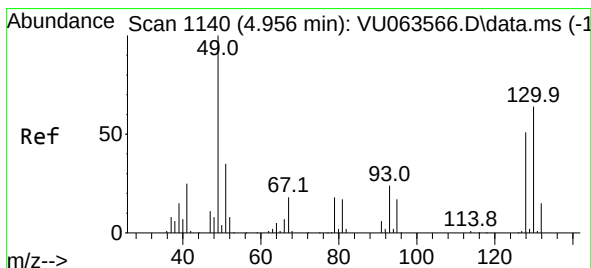
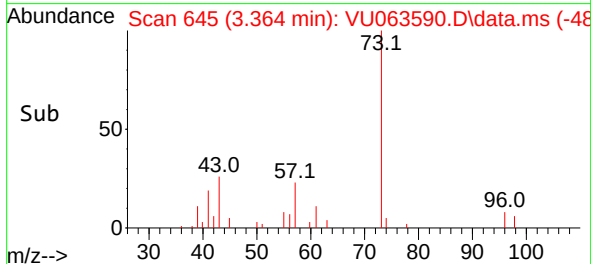
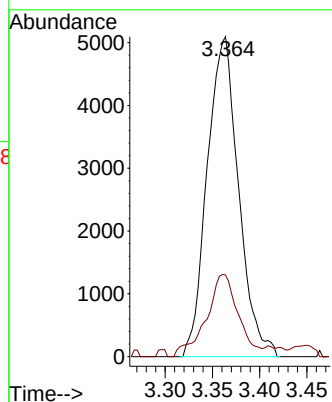
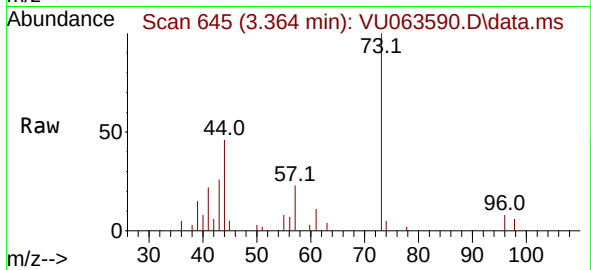




#25
Methyl tert-Butyl Ether
Concen: 0.441 ug/l
RT: 3.364 min Scan# 64
Delta R.T. 0.006 min
Lab File: VU063590.D
Acq: 16 Sep 2025 12:39

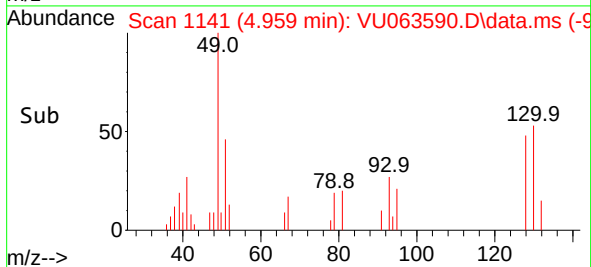
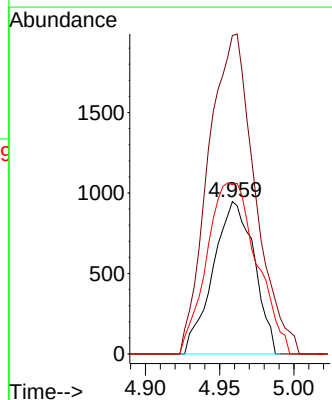
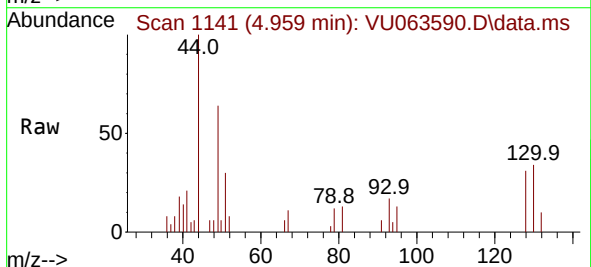
Instrument :
MSVOA_U
ClientSampleId :

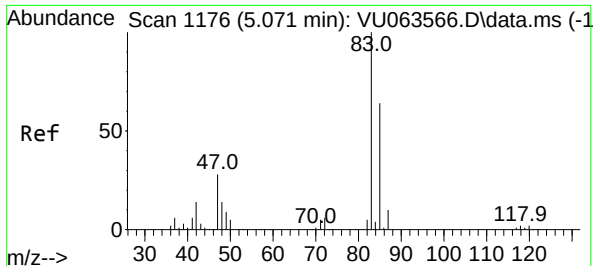
Tgt Ion: 73 Resp: 11774
Ion Ratio Lower Upper
73 100
43 26.2 18.1 27.1



#26
Bromochloromethane
Concen: 0.386 ug/l
RT: 4.959 min Scan# 1141
Delta R.T. 0.003 min
Lab File: VU063590.D
Acq: 16 Sep 2025 12:39

Tgt Ion: 128 Resp: 1825
Ion Ratio Lower Upper
128 100
49 237.8 0.0 410.2
130 136.4 103.4 155.0





#27

Chloroform

Concen: 0.457 ug/l

RT: 5.074 min Scan# 1176

Delta R.T. 0.003 min

Lab File: VU063590.D

Acq: 16 Sep 2025 12:39

Instrument :

MSVOA_U

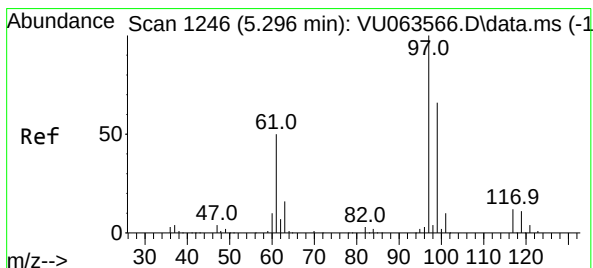
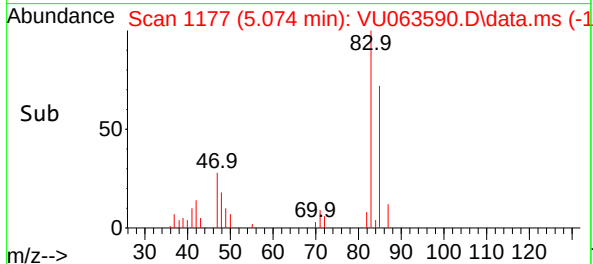
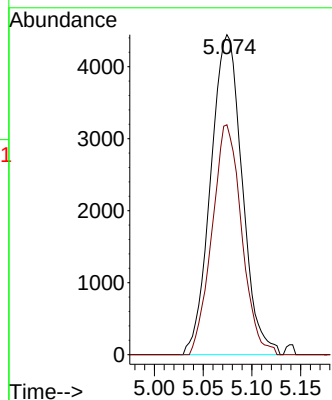
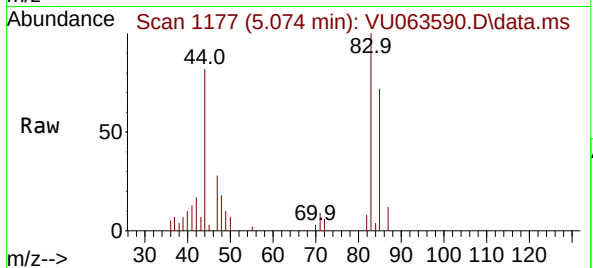
ClientSampleId :

Tgt Ion: 83 Resp: 9976

Ion Ratio Lower Upper

83 100

85 71.9 0.0 128.6



#28

1,1,1-Trichloroethane

Concen: 0.435 ug/l

RT: 5.299 min Scan# 1247

Delta R.T. 0.003 min

Lab File: VU063590.D

Acq: 16 Sep 2025 12:39

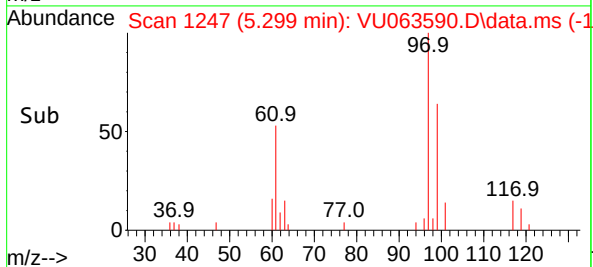
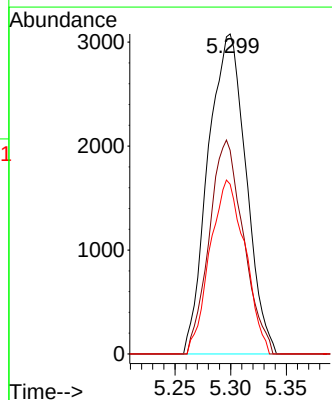
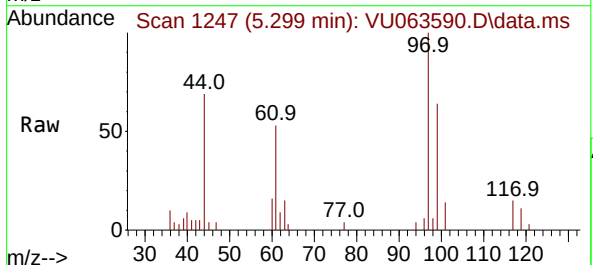
Tgt Ion: 97 Resp: 7289

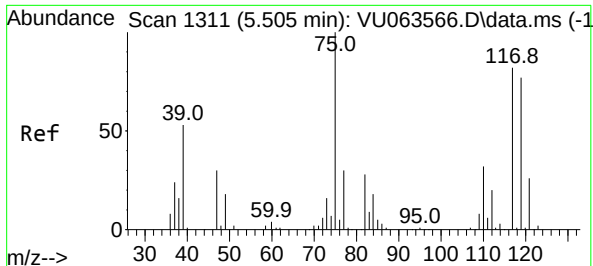
Ion Ratio Lower Upper

97 100

99 60.4 32.4 97.0

61 50.4 25.1 75.4

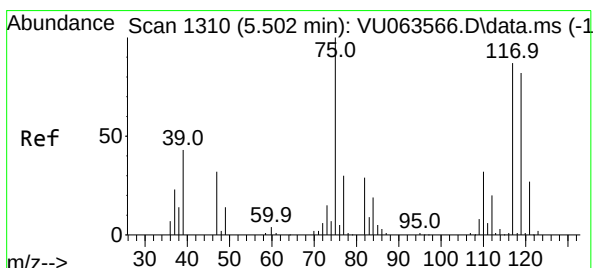
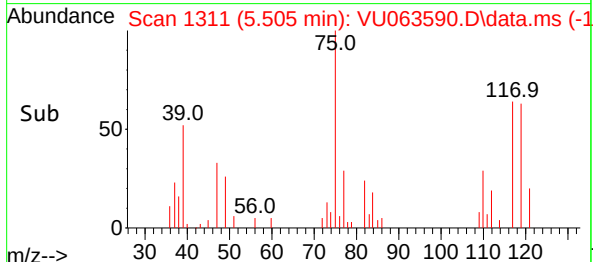
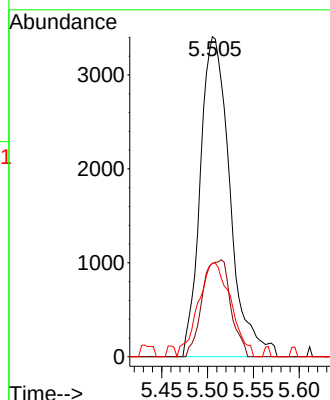
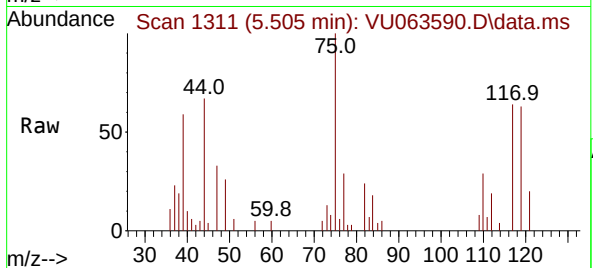




#29
 1,1-Dichloropropene
 Concen: 0.490 ug/l
 RT: 5.505 min Scan# 1311
 Delta R.T. -0.000 min
 Lab File: VU063590.D
 Acq: 16 Sep 2025 12:39

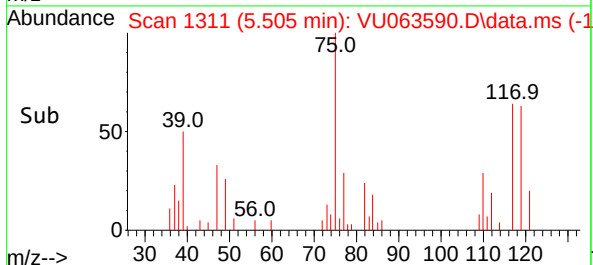
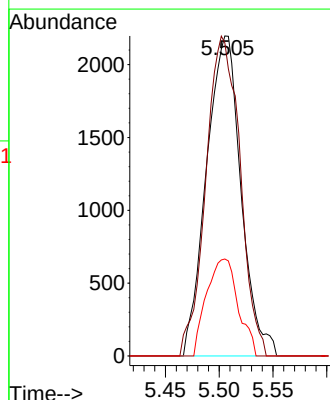
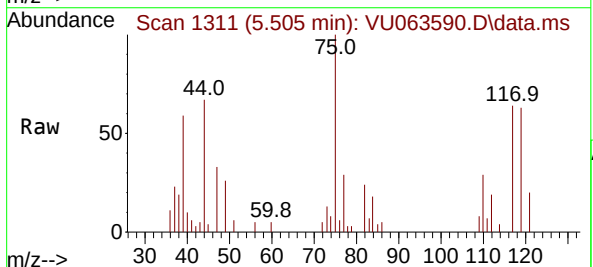
Instrument :
 MSVOA_U
 ClientSampleId :

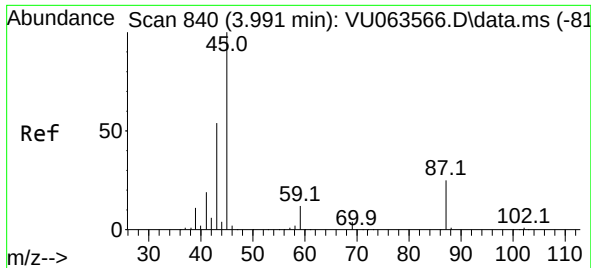
Tgt Ion: 75	Resp:	7640
Ion Ratio	Lower	Upper
75	100	
110	29.1	16.4 49.4
77	32.2	24.6 37.0



#30
 Carbon Tetrachloride
 Concen: 0.398 ug/l
 RT: 5.505 min Scan# 1311
 Delta R.T. 0.003 min
 Lab File: VU063590.D
 Acq: 16 Sep 2025 12:39

Tgt Ion: 117	Resp:	4915
Ion Ratio	Lower	Upper
117	100	
119	97.9	75.7 113.5
121	30.3	25.4 38.0

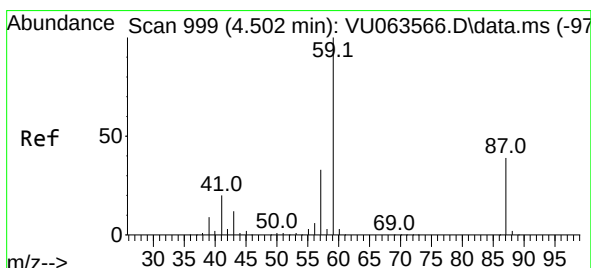
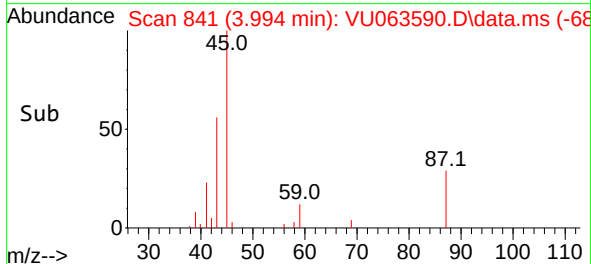
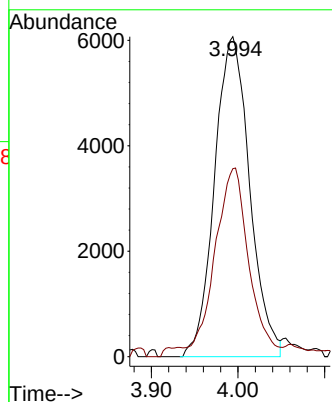
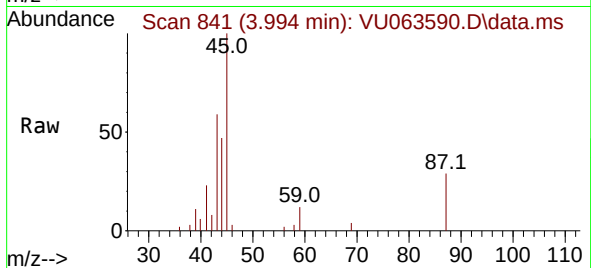




#31
Isopropyl Ether
Concen: 0.468 ug/l
RT: 3.994 min Scan# 841
Delta R.T. 0.003 min
Lab File: VU063590.D
Acq: 16 Sep 2025 12:39

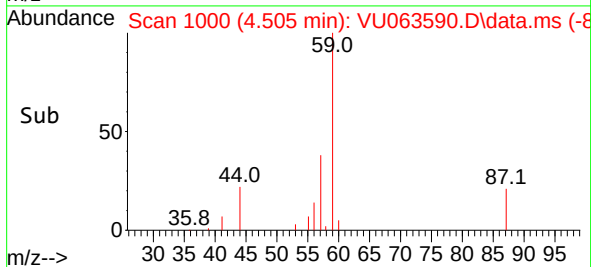
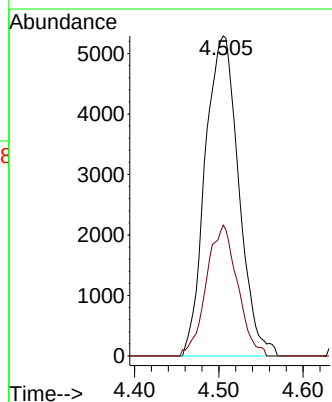
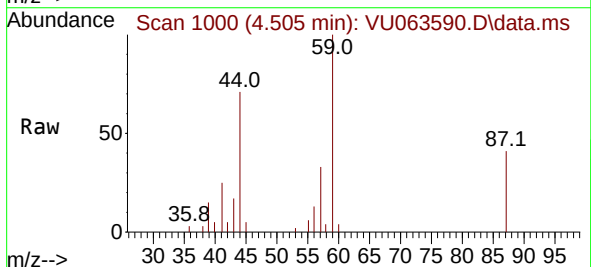
Instrument :
MSVOA_U
ClientSampleId :

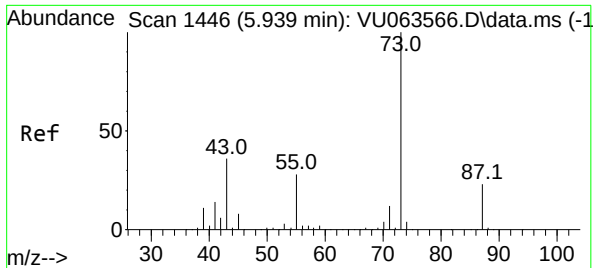
Tgt Ion: 45 Resp: 17108
Ion Ratio Lower Upper
45 100
43 54.5 26.2 78.6



#32
Ethyl-t-butyl ether
Concen: 0.468 ug/l
RT: 4.505 min Scan# 1000
Delta R.T. 0.003 min
Lab File: VU063590.D
Acq: 16 Sep 2025 12:39

Tgt Ion: 59 Resp: 14620
Ion Ratio Lower Upper
59 100
87 37.9 31.2 46.8

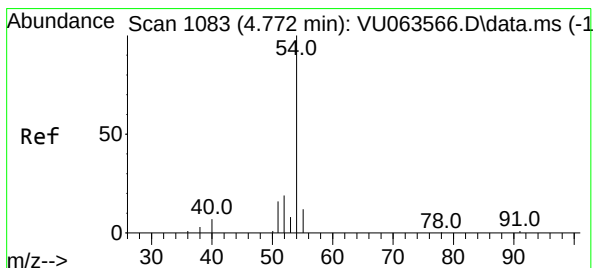
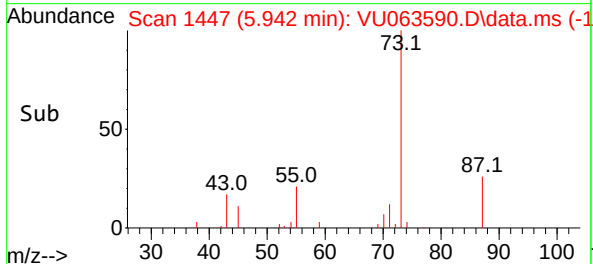
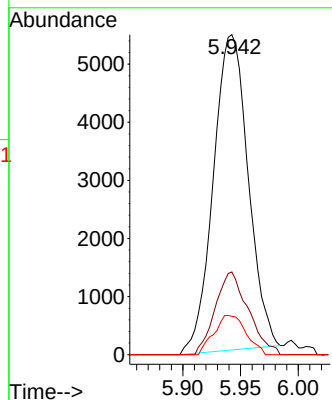
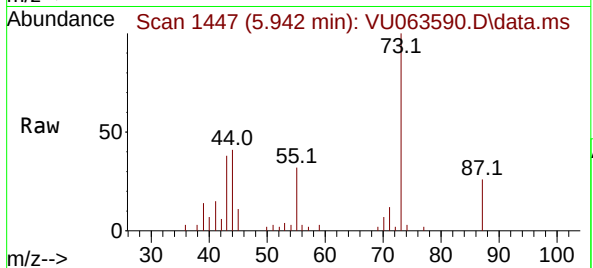




#33
Tert-Amyl methyl ether
Concen: 0.429 ug/l
RT: 5.942 min Scan# 1447
Delta R.T. 0.003 min
Lab File: VU063590.D
Acq: 16 Sep 2025 12:39

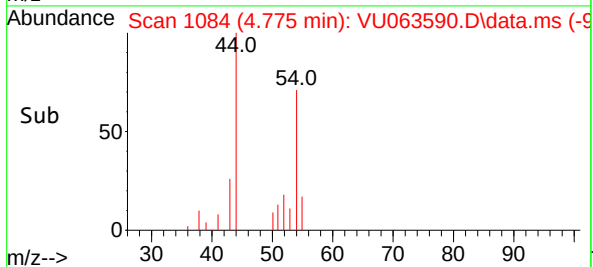
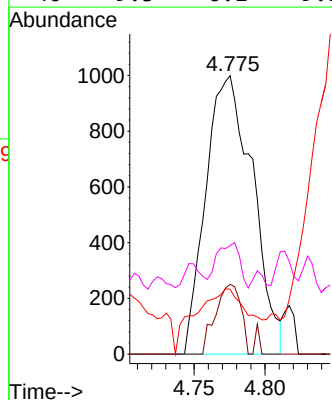
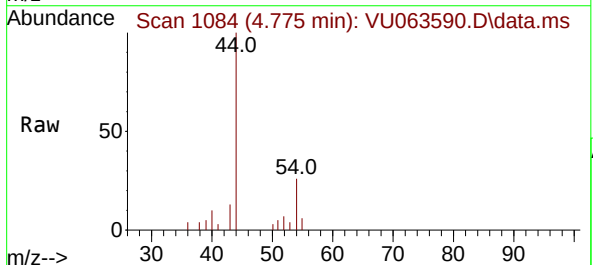
Instrument :
MSVOA_U
ClientSampleId :

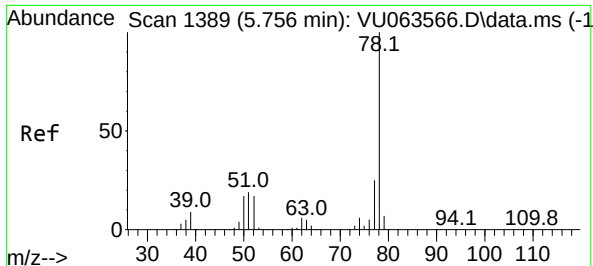
Tgt Ion: 73 Resp: 11411
Ion Ratio Lower Upper
73 100
87 24.8 19.0 28.6
71 11.4 9.4 14.2



#34
Propionitrile
Concen: 2.250 ug/l
RT: 4.775 min Scan# 1084
Delta R.T. 0.003 min
Lab File: VU063590.D
Acq: 16 Sep 2025 12:39

Tgt Ion: 54 Resp: 2295
Ion Ratio Lower Upper
54 100
52 13.6 15.2 22.8#
55 26.8 11.7 17.5#
40 9.3 6.1 9.1#

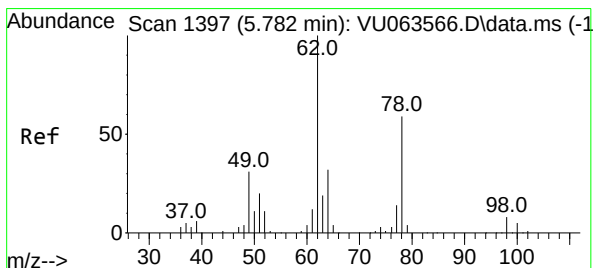
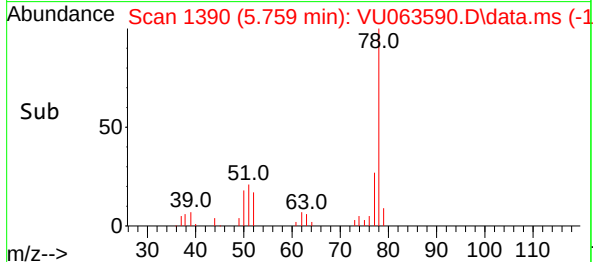
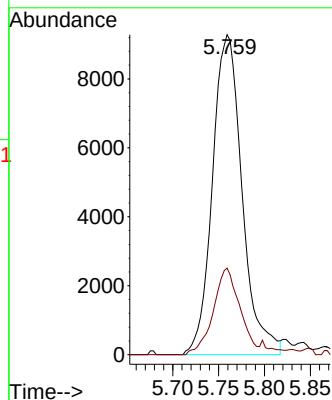
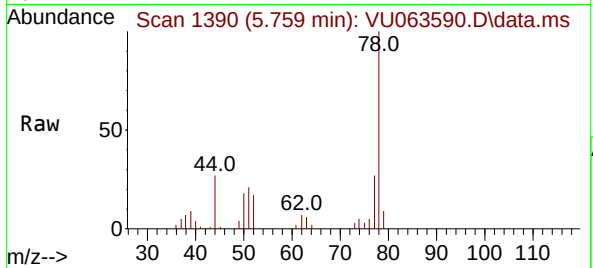




#35
Benzene
Concen: 0.466 ug/l
RT: 5.759 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU063590.D
Acq: 16 Sep 2025 12:39

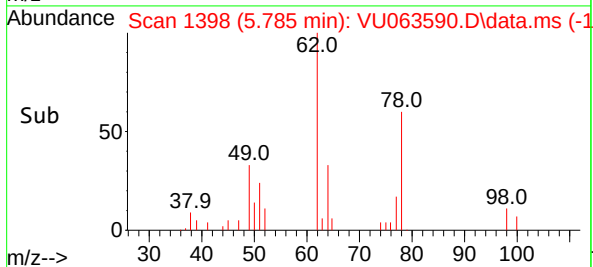
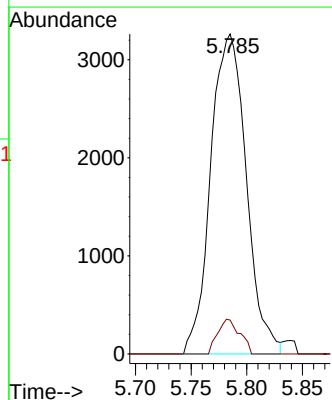
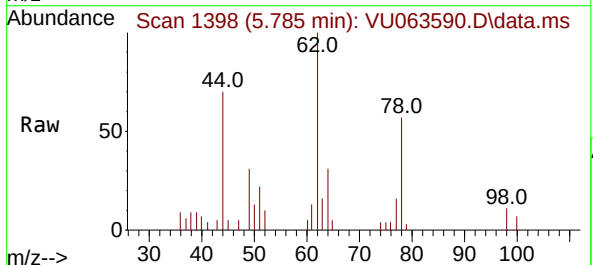
Instrument :
MSVOA_U
ClientSampleId :

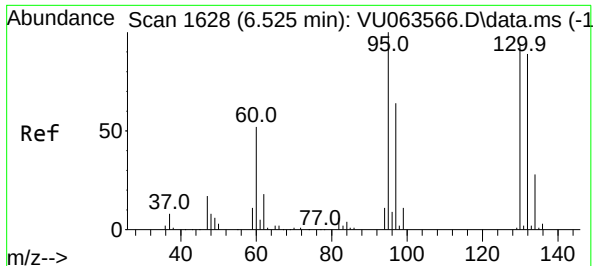
Tgt Ion: 78 Resp: 20895
Ion Ratio Lower Upper
78 100
77 27.0 19.8 29.8



#36
1,2-Dichloroethane
Concen: 0.479 ug/l
RT: 5.785 min Scan# 1398
Delta R.T. 0.003 min
Lab File: VU063590.D
Acq: 16 Sep 2025 12:39

Tgt Ion: 62 Resp: 7250
Ion Ratio Lower Upper
62 100
98 6.7 6.3 9.5





#37

Trichloroethene

Concen: 0.439 ug/l

RT: 6.524 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063590.D

Acq: 16 Sep 2025 12:39

Instrument :

MSVOA_U

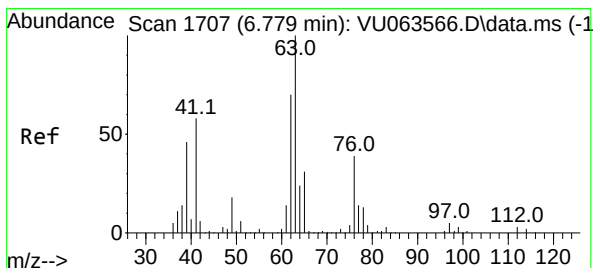
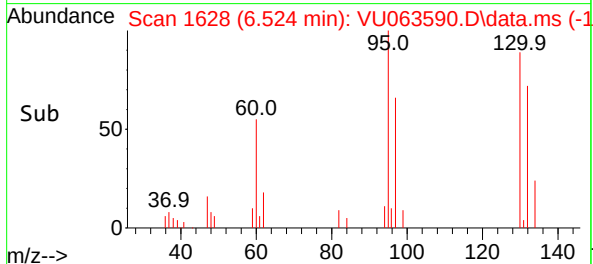
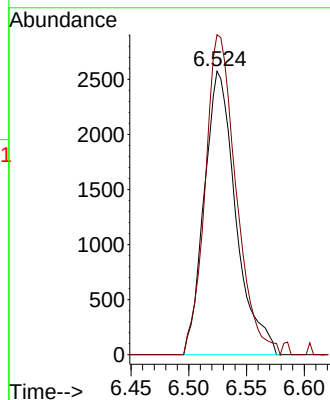
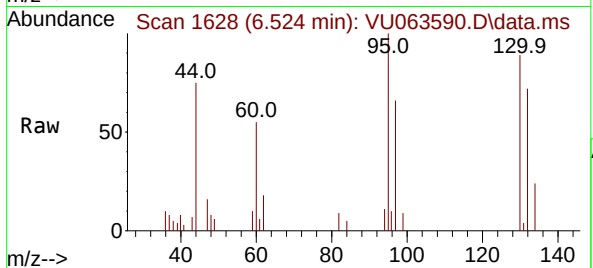
ClientSampleId :

Tgt Ion:130 Resp: 4904

Ion Ratio Lower Upper

130 100

95 112.9 85.4 128.2



#38

1,2-Dichloropropane

Concen: 0.468 ug/l

RT: 6.782 min Scan# 1708

Delta R.T. 0.003 min

Lab File: VU063590.D

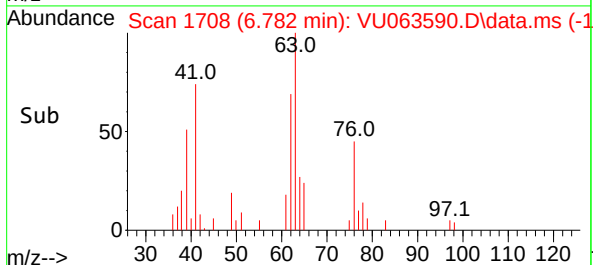
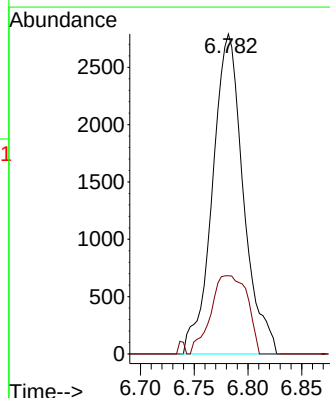
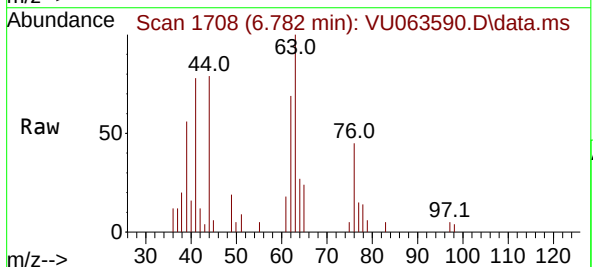
Acq: 16 Sep 2025 12:39

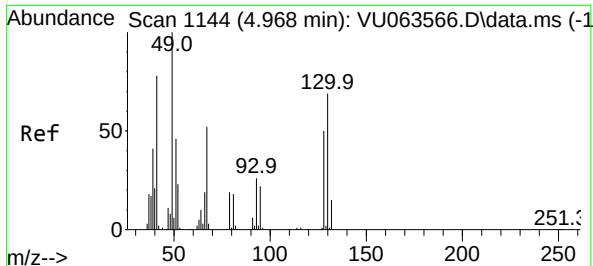
Tgt Ion: 63 Resp: 5568

Ion Ratio Lower Upper

63 100

65 24.4 24.9 37.3#





#39

Methacrylonitrile

Concen: 0.518 ug/l

RT: 4.975 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VU063590.D

Acq: 16 Sep 2025 12:39

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 41 Resp: 2494

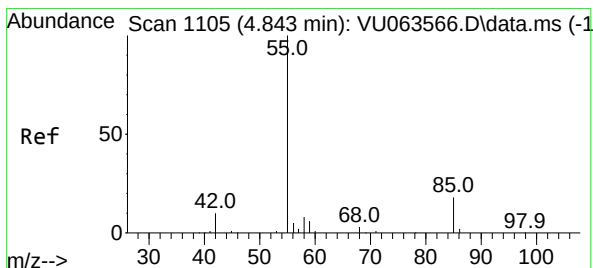
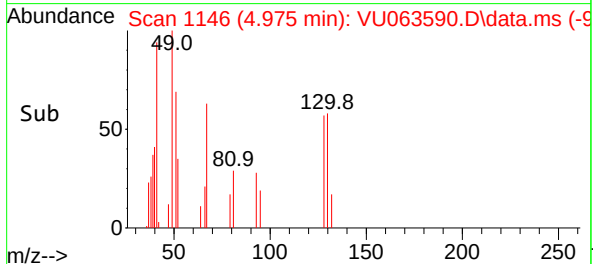
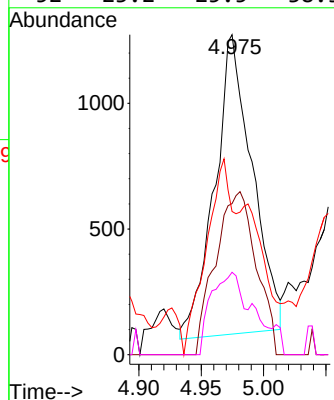
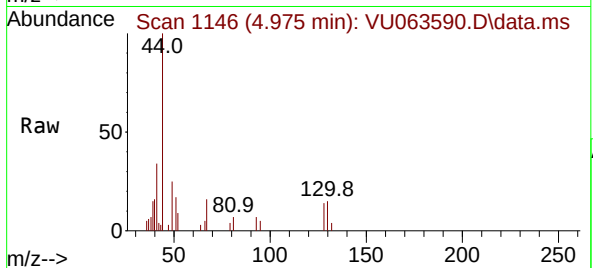
Ion Ratio Lower Upper

41 100

67 59.3 57.7 86.5

39 47.4 44.6 67.0

52 23.2 25.5 38.3#



#40

Methyl acrylate

Concen: 0.396 ug/l

RT: 4.852 min Scan# 1108

Delta R.T. 0.009 min

Lab File: VU063590.D

Acq: 16 Sep 2025 12:39

Tgt Ion: 55 Resp: 2613

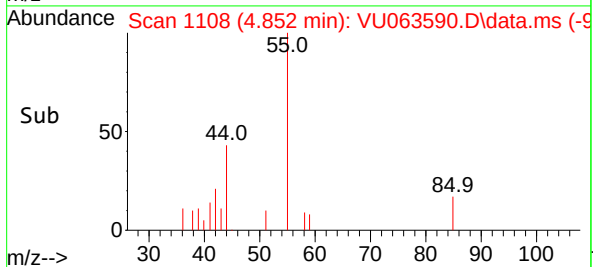
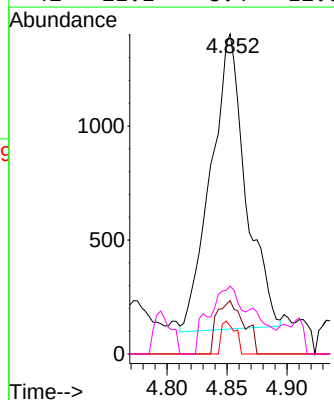
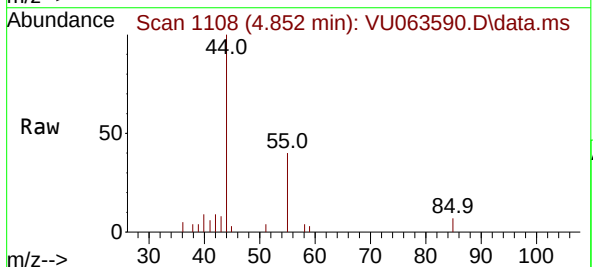
Ion Ratio Lower Upper

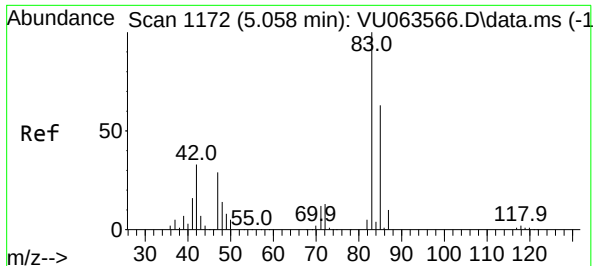
55 100

85 14.0 12.8 19.2

58 4.4 6.6 10.0#

42 21.1 8.4 12.6#





#41

Tetrahydrofuran

Concen: 1.098 ug/l

RT: 5.055 min Scan# 1171

Delta R.T. -0.003 min

Lab File: VU063590.D

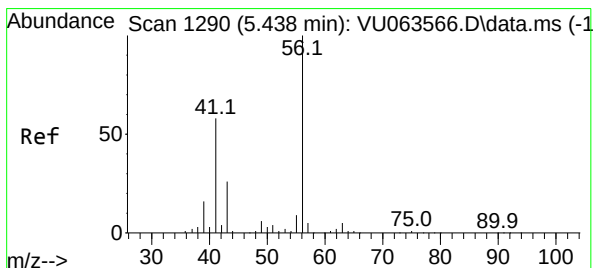
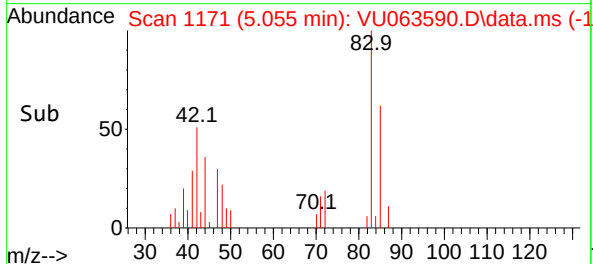
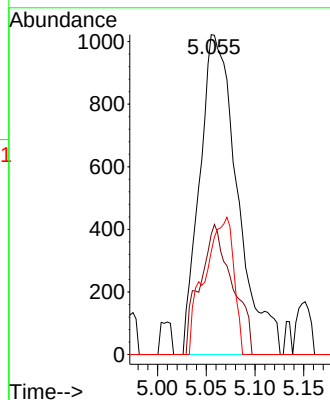
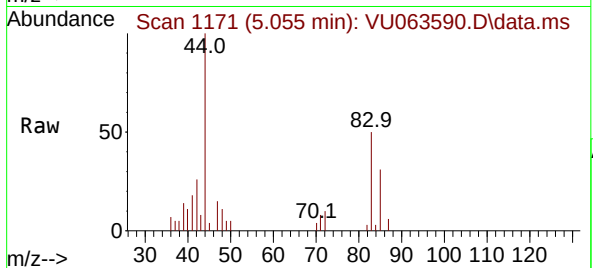
Acq: 16 Sep 2025 12:39

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	42	Resp:	2755
Ion	Ratio	Lower	Upper
42	100		
72	34.8	34.1	51.1
71	32.8	29.9	44.9



#42

1-Chlorobutane

Concen: 0.472 ug/l

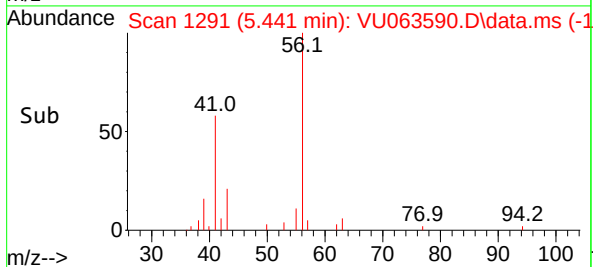
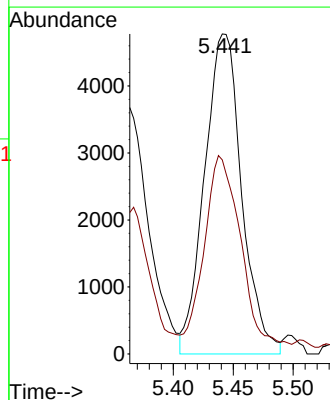
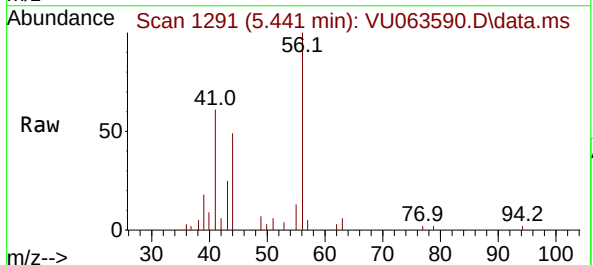
RT: 5.441 min Scan# 1291

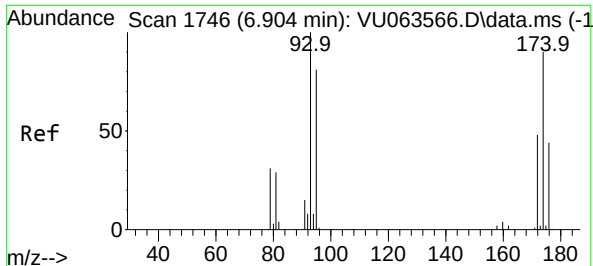
Delta R.T. 0.003 min

Lab File: VU063590.D

Acq: 16 Sep 2025 12:39

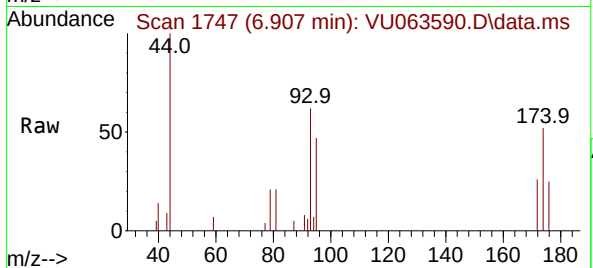
Tgt Ion:	56	Resp:	10315
Ion	Ratio	Lower	Upper
56	100		
41	57.3	28.3	84.9



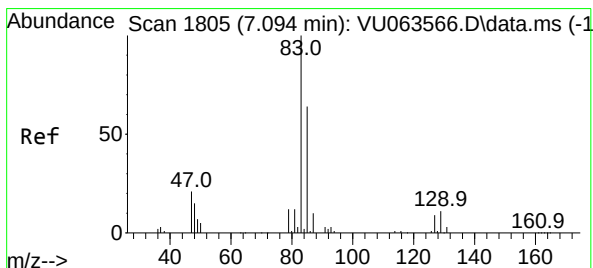
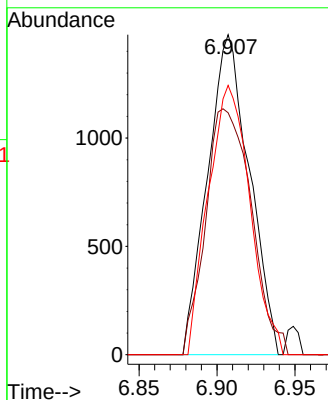
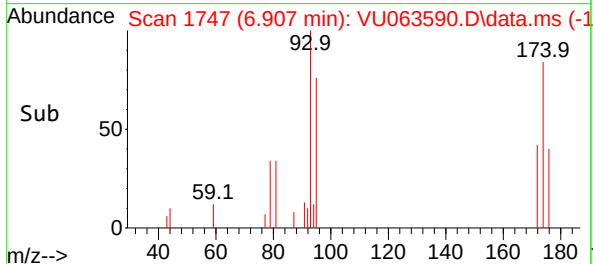


#43
Dibromomethane
Concen: 0.483 ug/l
RT: 6.907 min Scan# 1747
Delta R.T. 0.003 min
Lab File: VU063590.D
Acq: 16 Sep 2025 12:39

Instrument :
MSVOA_U
ClientSampleId :

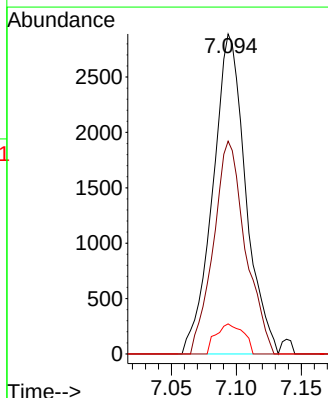
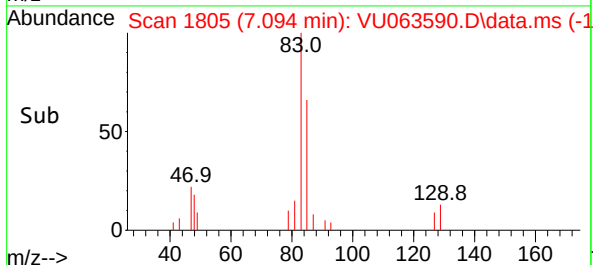
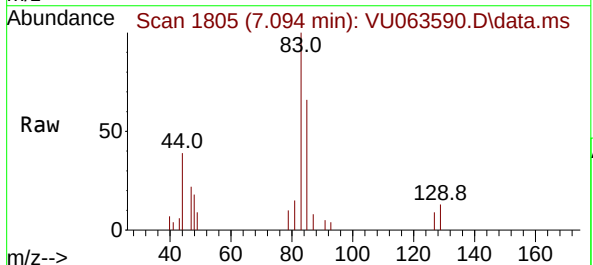


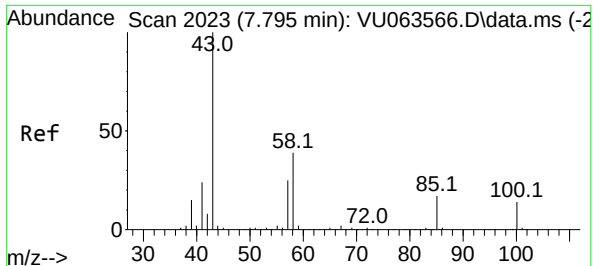
Tgt Ion: 93 Resp: 2752
Ion Ratio Lower Upper
93 100
95 84.2 66.6 100.0
174 84.0 72.7 109.1



#44
Bromodichloromethane
Concen: 0.417 ug/l
RT: 7.094 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VU063590.D
Acq: 16 Sep 2025 12:39

Tgt Ion: 83 Resp: 5082
Ion Ratio Lower Upper
83 100
85 66.5 51.2 76.8
127 9.4 6.9 10.3





#45

4-Methyl-2-Pentanone

Concen: 2.189 ug/l

RT: 7.798 min Scan# 2023

Delta R.T. 0.003 min

Lab File: VU063590.D

Acq: 16 Sep 2025 12:39

Instrument :

MSVOA_U

ClientSampleId :

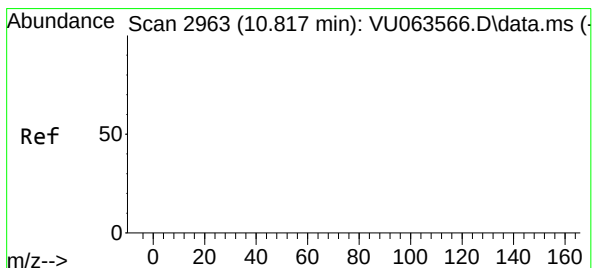
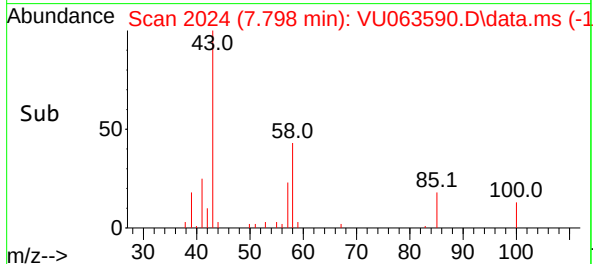
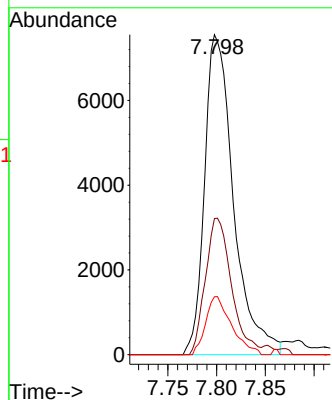
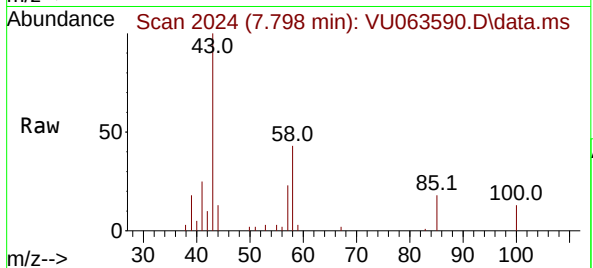
Tgt Ion: 43 Resp: 15627

Ion Ratio Lower Upper

43 100

58 38.5 18.9 56.9

85 16.1 13.3 19.9



#46

t-1,4-Dichloro-2-butene

Concen: 1.781 ug/l

RT: 10.817 min Scan# 2963

Delta R.T. -0.000 min

Lab File: VU063590.D

Acq: 16 Sep 2025 12:39

Tgt Ion: 75 Resp: 4756

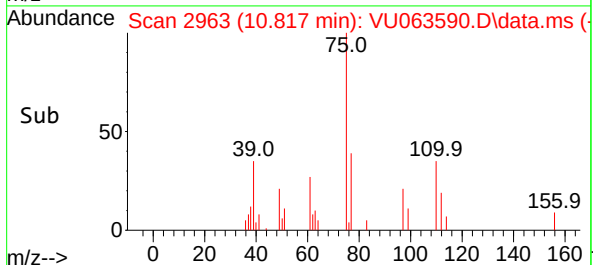
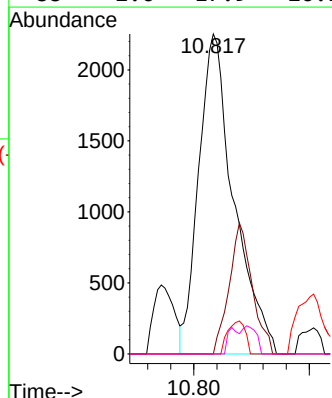
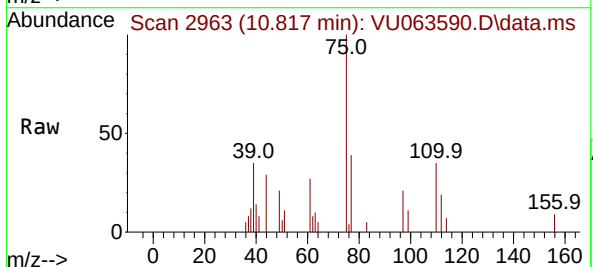
Ion Ratio Lower Upper

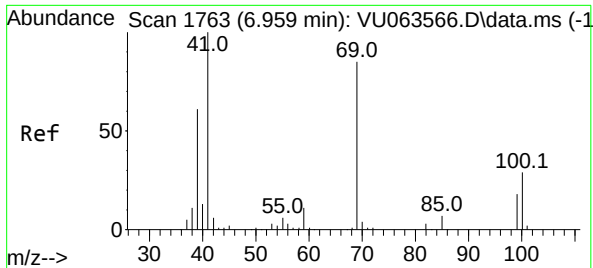
75 100

53 0.0 43.2 64.8#

89 0.0 21.9 32.9#

88 2.6 17.9 26.9#





#47

Methyl methacrylate

Concen: 1.004 ug/l

RT: 6.965 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU063590.D

Acq: 16 Sep 2025 12:39

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 69 Resp: 5118

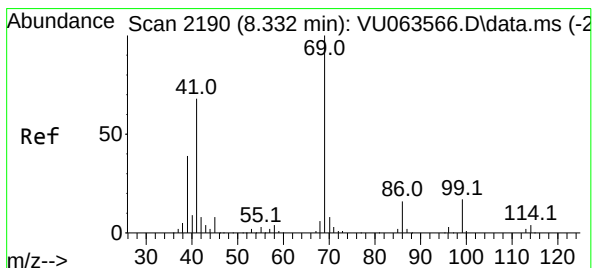
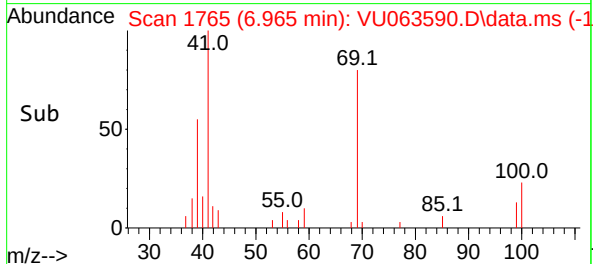
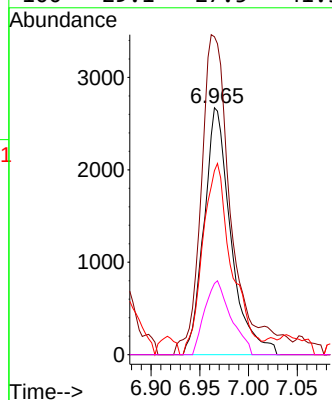
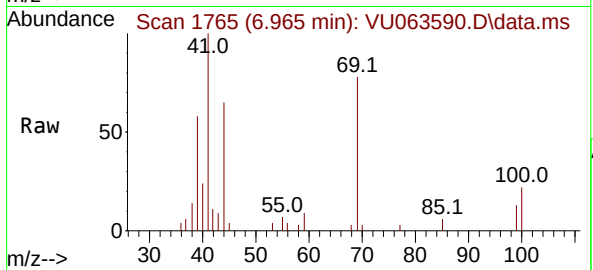
Ion Ratio Lower Upper

69 100

41 137.2 0.0 236.8

39 83.7 57.8 86.6

100 29.1 27.5 41.3



#48

Ethyl methacrylate

Concen: 0.427 ug/l

RT: 8.338 min Scan# 2192

Delta R.T. 0.006 min

Lab File: VU063590.D

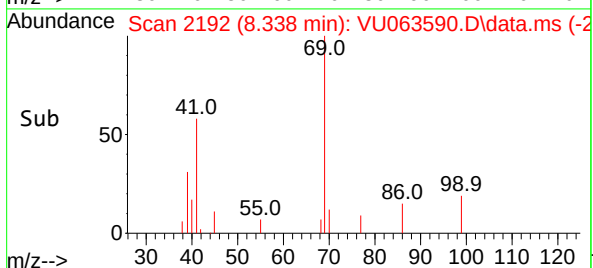
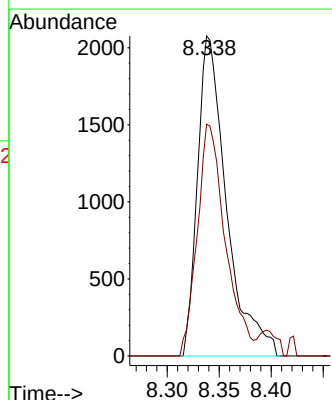
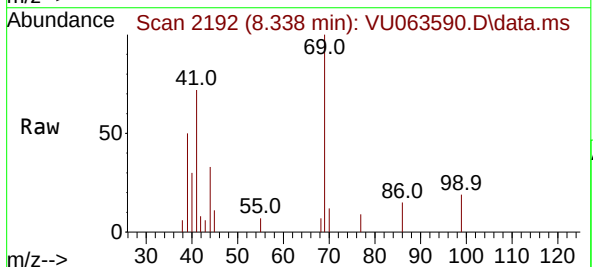
Acq: 16 Sep 2025 12:39

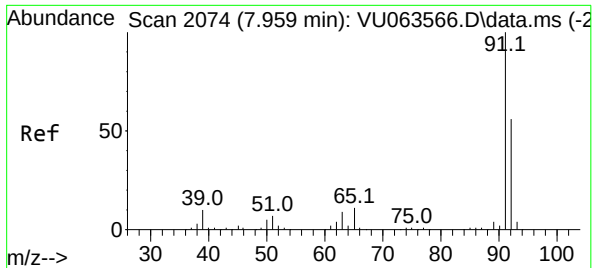
Tgt Ion: 69 Resp: 4034

Ion Ratio Lower Upper

69 100

41 70.1 33.7 101.1

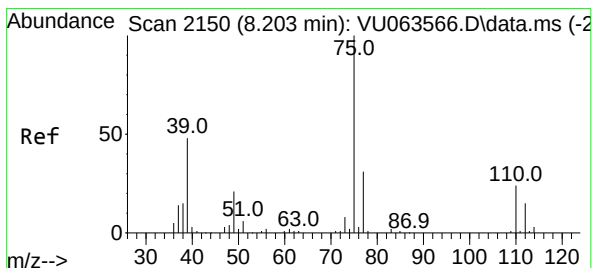
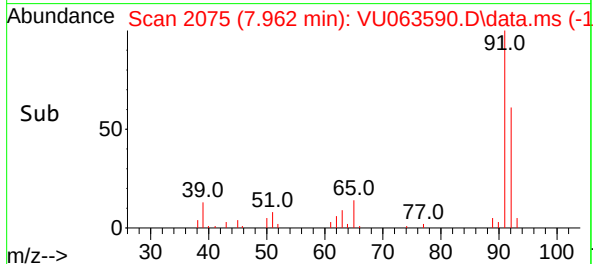
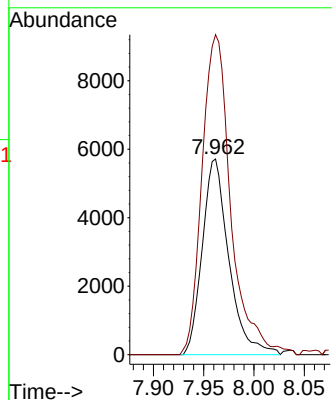
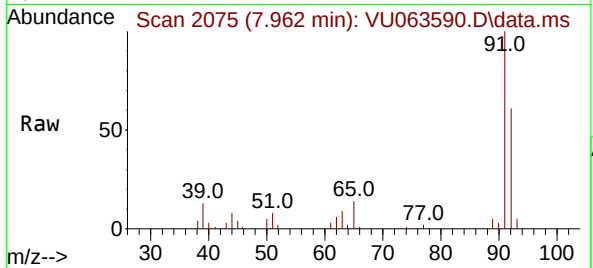




#49
Toluene
Concen: 0.431 ug/l
RT: 7.962 min Scan# 2074
Delta R.T. 0.003 min
Lab File: VU063590.D
Acq: 16 Sep 2025 12:39

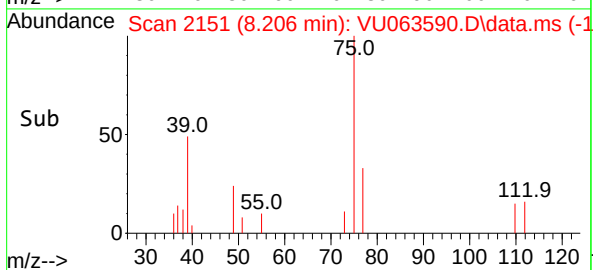
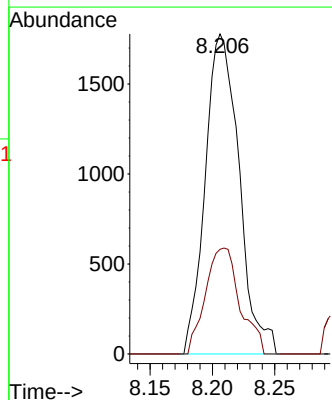
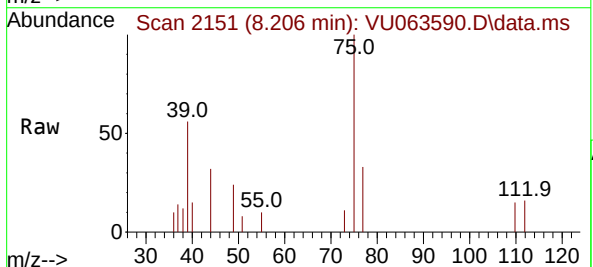
Instrument :
MSVOA_U
ClientSampleId :

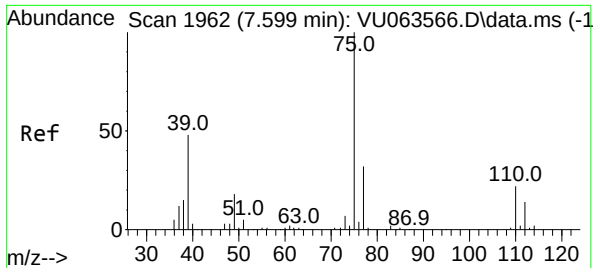
Tgt Ion: 92 Resp: 10499
Ion Ratio Lower Upper
92 100
91 177.2 139.4 209.2



#50
t-1,3-Dichloropropene
Concen: 0.369 ug/l
RT: 8.206 min Scan# 2151
Delta R.T. 0.003 min
Lab File: VU063590.D
Acq: 16 Sep 2025 12:39

Tgt Ion: 75 Resp: 3362
Ion Ratio Lower Upper
75 100
77 32.7 24.8 37.2





#51

cis-1,3-Dichloropropene

Concen: 0.398 ug/l

RT: 7.602 min Scan# 1962

Delta R.T. 0.003 min

Lab File: VU063590.D

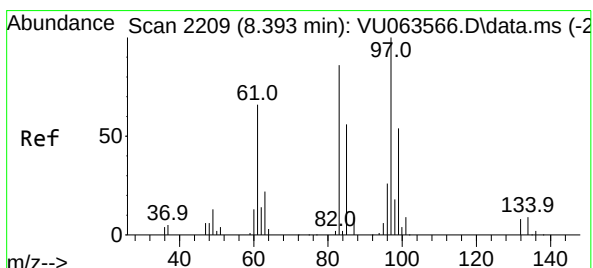
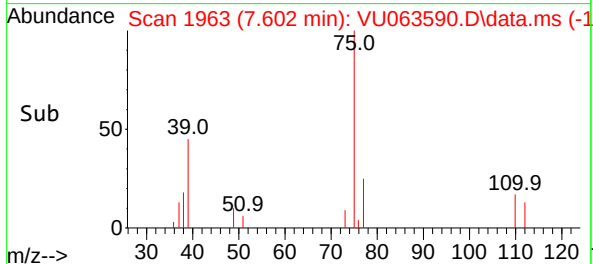
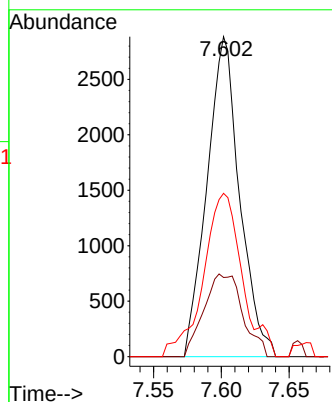
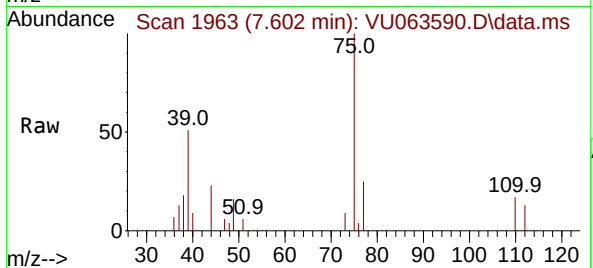
Acq: 16 Sep 2025 12:39

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	75	Resp:	4830
Ion	Ratio	Lower	Upper
75	100		
77	24.7	25.2	37.8#
39	51.1	38.8	58.2



#52

1,1,2-Trichloroethane

Concen: 0.424 ug/l

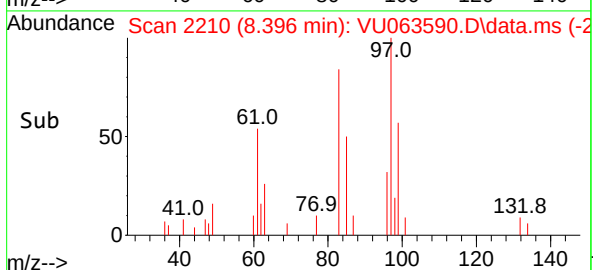
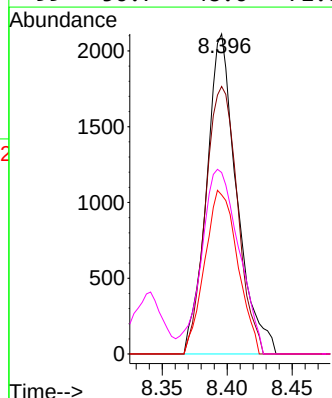
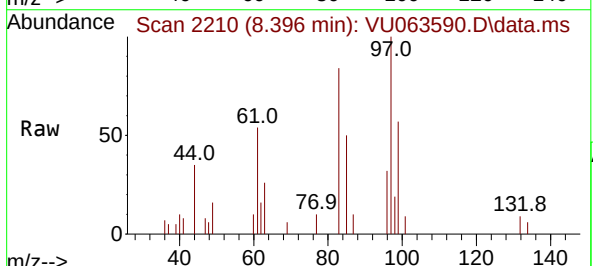
RT: 8.396 min Scan# 2210

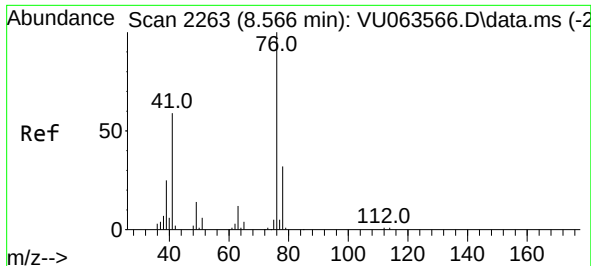
Delta R.T. 0.003 min

Lab File: VU063590.D

Acq: 16 Sep 2025 12:39

Tgt Ion:	97	Resp:	3420
Ion	Ratio	Lower	Upper
97	100		
83	83.6	68.5	102.7
85	49.7	45.0	67.6
99	56.7	48.6	72.8





#53

1,3-Dichloropropane

Concen: 0.442 ug/l

RT: 8.569 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063590.D

Acq: 16 Sep 2025 12:39

Instrument :

MSVOA_U

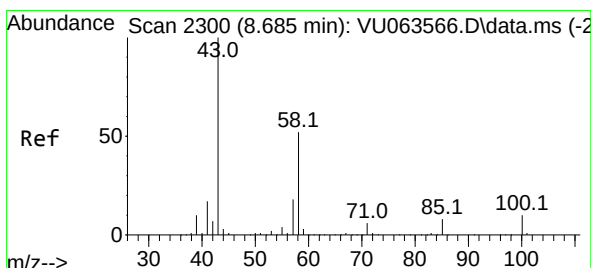
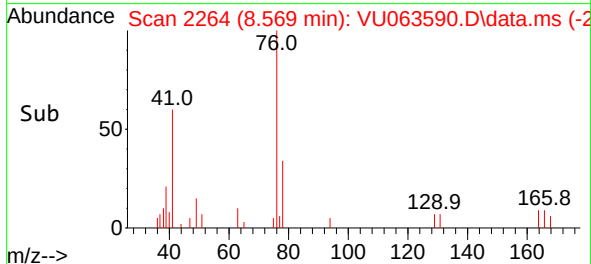
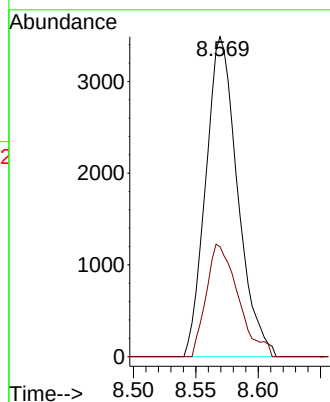
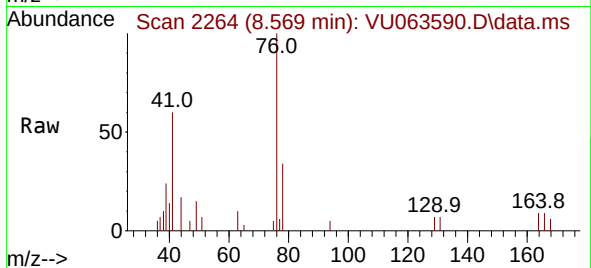
ClientSampleId :

Tgt Ion: 76 Resp: 6197

Ion Ratio Lower Upper

76 100

78 35.2 26.2 39.2



#54

2-Hexanone

Concen: 2.294 ug/l

RT: 8.695 min Scan# 2303

Delta R.T. 0.009 min

Lab File: VU063590.D

Acq: 16 Sep 2025 12:39

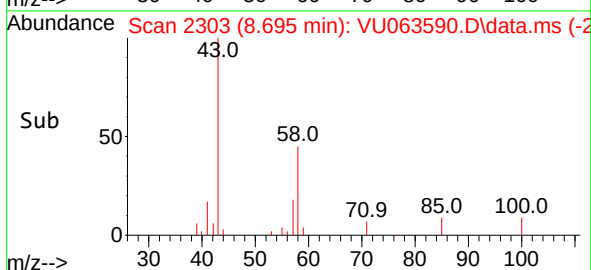
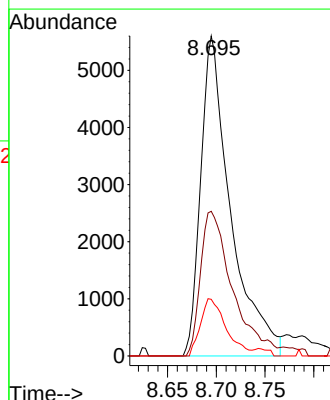
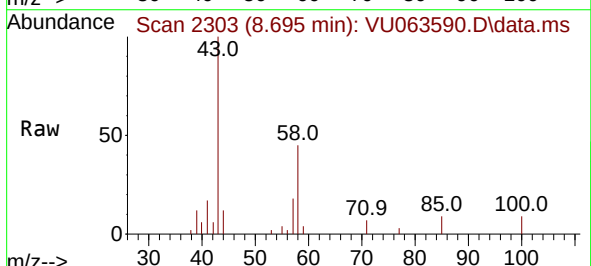
Tgt Ion: 43 Resp: 11963

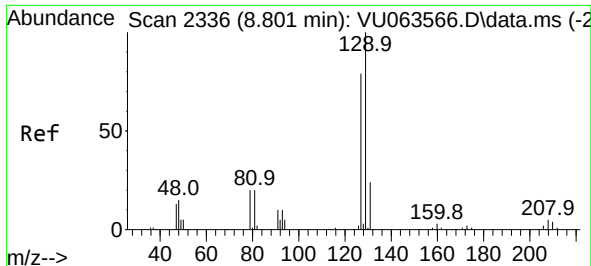
Ion Ratio Lower Upper

43 100

58 48.4 32.7 72.7

57 15.3 0.0 38.2





#55

Dibromochloromethane

Concen: 0.328 ug/l

RT: 8.804 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063590.D

Acq: 16 Sep 2025 12:39

Instrument :

MSVOA_U

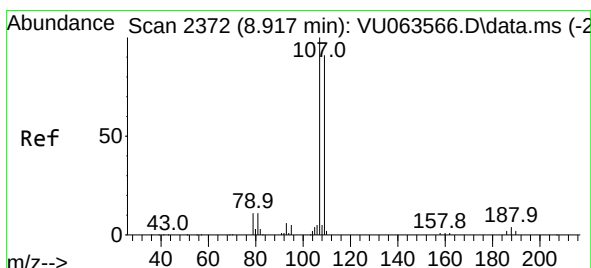
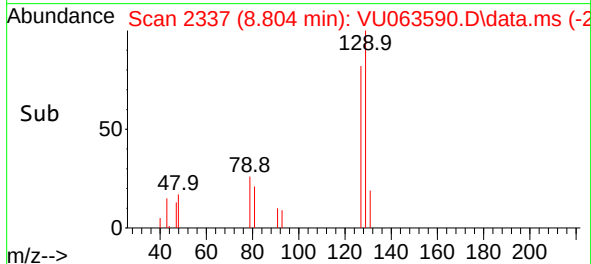
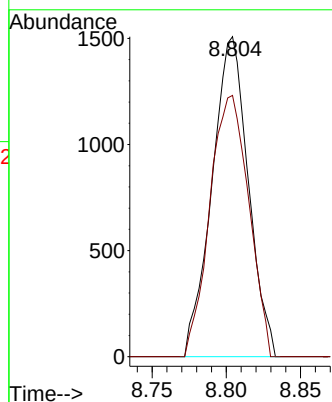
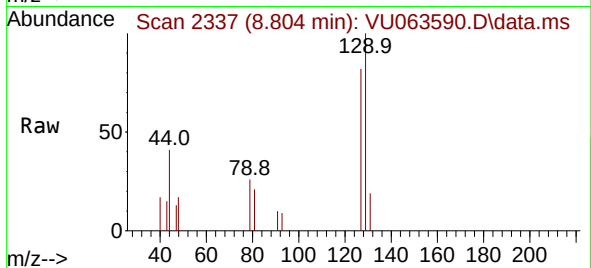
ClientSampleId :

Tgt Ion:129 Resp: 2565

Ion Ratio Lower Upper

129 100

127 87.5 61.9 92.9



#56

1,2-Dibromoethane

Concen: 0.390 ug/l

RT: 8.920 min Scan# 2373

Delta R.T. 0.003 min

Lab File: VU063590.D

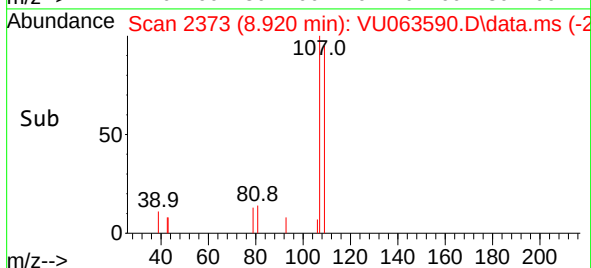
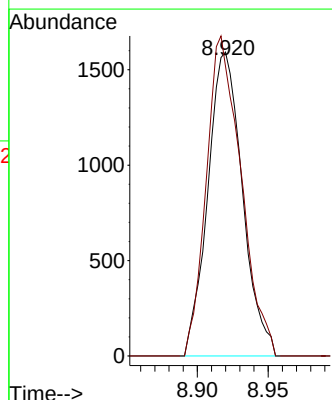
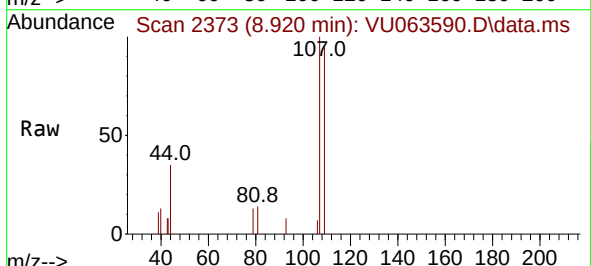
Acq: 16 Sep 2025 12:39

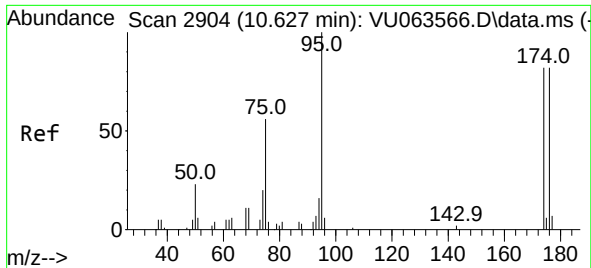
Tgt Ion:107 Resp: 2713

Ion Ratio Lower Upper

107 100

109 105.5 0.0 183.6

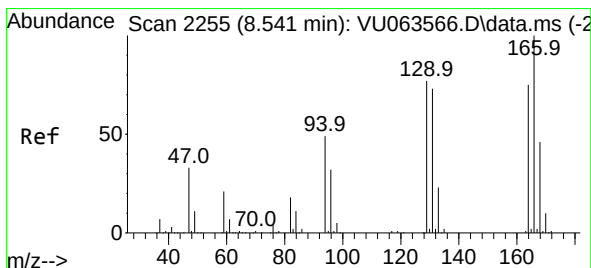
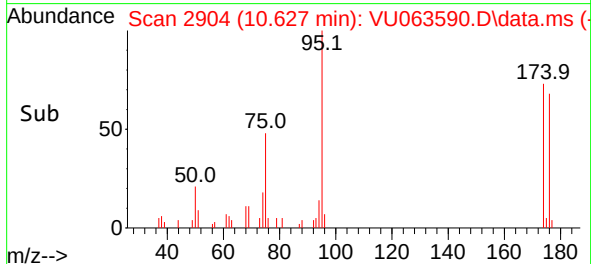
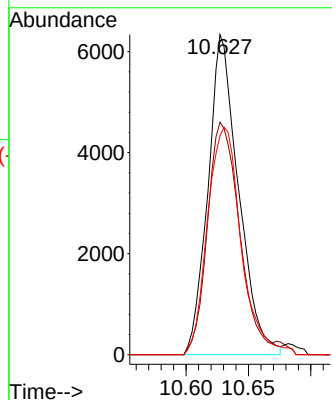
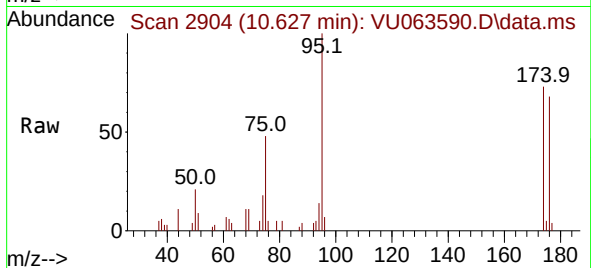




#57
4-Bromofluorobenzene
Concen: 0.844 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. -0.000 min
Lab File: VU063590.D
Acq: 16 Sep 2025 12:39

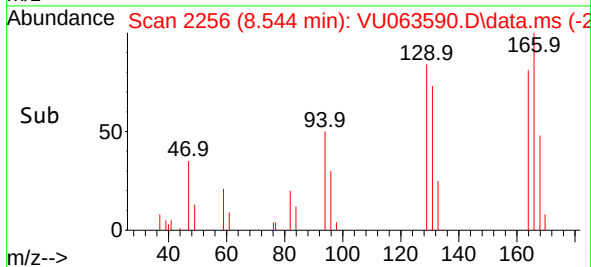
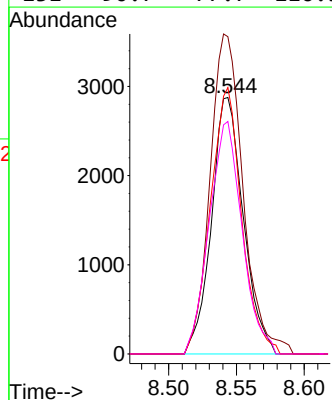
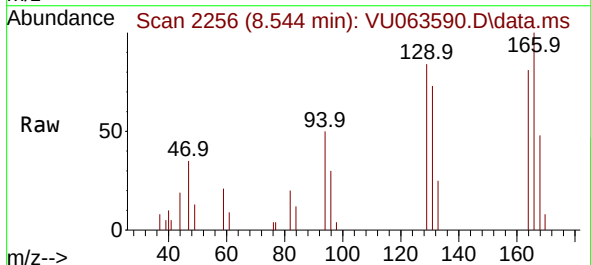
Instrument :
MSVOA_U
ClientSampleId :

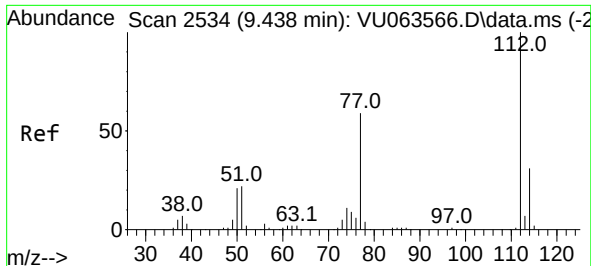
Tgt Ion: 95 Resp: 10785
Ion Ratio Lower Upper
95 100
174 76.2 64.7 97.1
176 78.2 66.2 99.4



#58
Tetrachloroethene
Concen: 0.427 ug/l
RT: 8.544 min Scan# 2256
Delta R.T. 0.003 min
Lab File: VU063590.D
Acq: 16 Sep 2025 12:39

Tgt Ion: 164 Resp: 4696
Ion Ratio Lower Upper
164 100
166 123.7 106.4 159.6
129 103.9 81.4 122.2
131 90.7 77.7 116.5





#59

Chlorobenzene

Concen: 0.424 ug/l

RT: 9.441 min Scan# 2

Delta R.T. 0.003 min

Lab File: VU063590.D

Acq: 16 Sep 2025 12:39

Instrument :

MSVOA_U

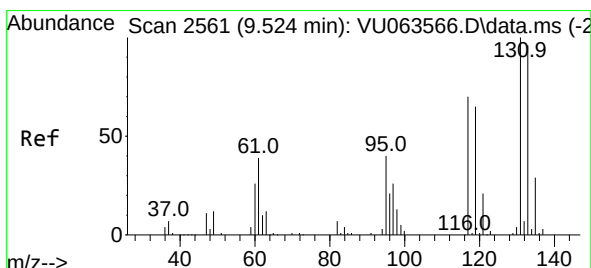
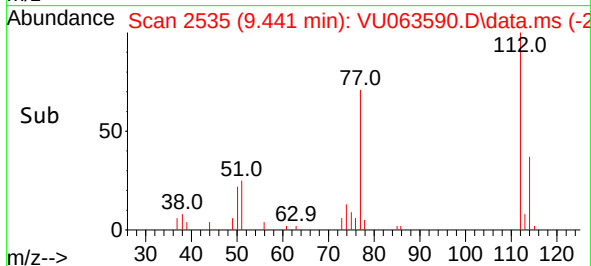
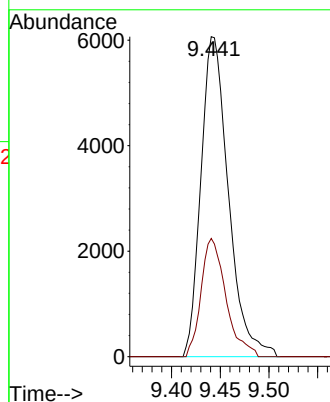
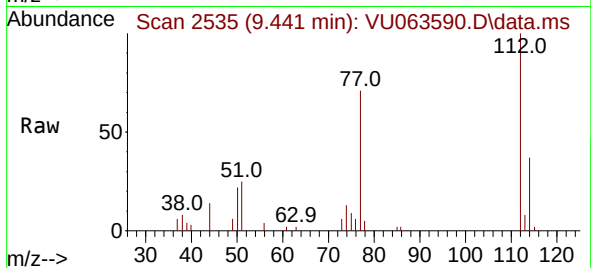
ClientSampleId :

Tgt Ion:112 Resp: 11908

Ion Ratio Lower Upper

112 100

114 37.0 25.0 37.4



#60

1,1,1,2-Tetrachloroethane

Concen: 0.400 ug/l

RT: 9.531 min Scan# 2563

Delta R.T. 0.006 min

Lab File: VU063590.D

Acq: 16 Sep 2025 12:39

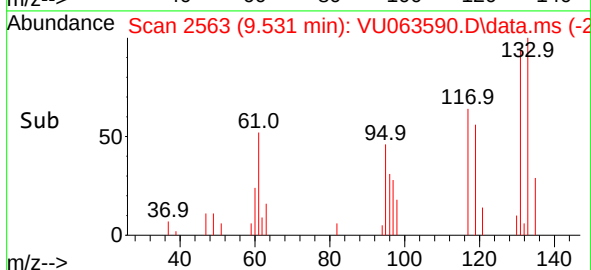
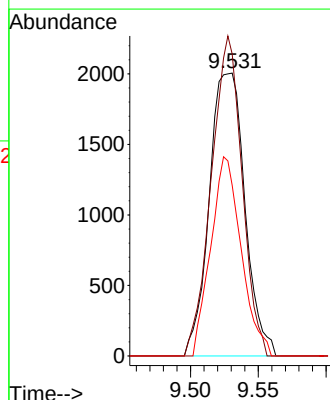
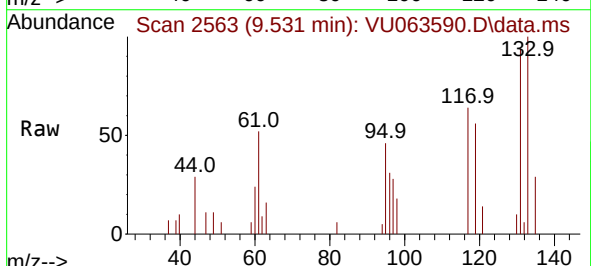
Tgt Ion:131 Resp: 3667

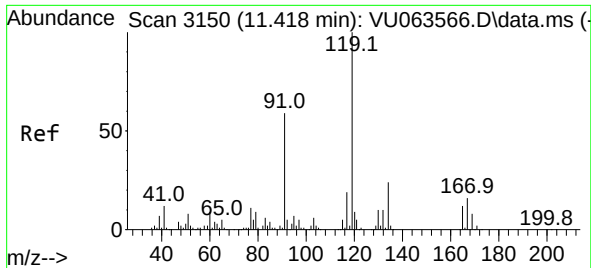
Ion Ratio Lower Upper

131 100

133 97.6 75.8 113.8

119 60.3 51.8 77.6

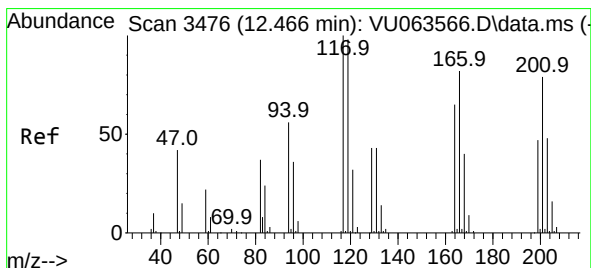
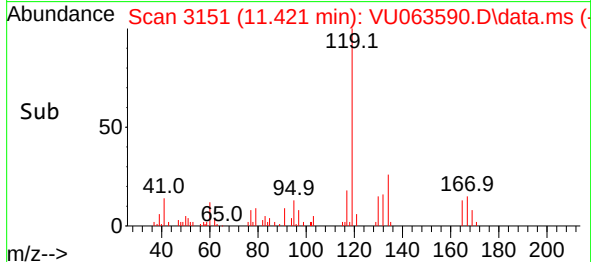
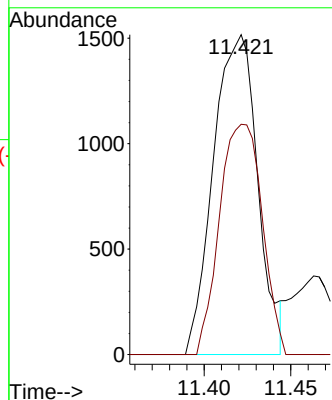
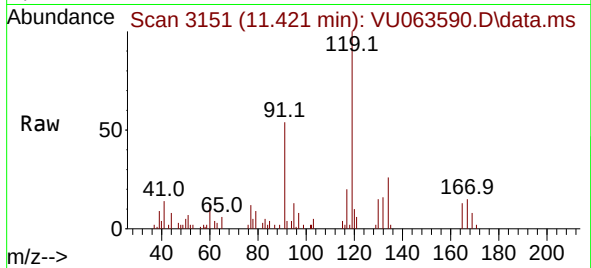




#61
 Pentachloroethane
 Concen: 0.410 ug/l
 RT: 11.421 min Scan# 3151
 Delta R.T. 0.003 min
 Lab File: VU063590.D
 Acq: 16 Sep 2025 12:39

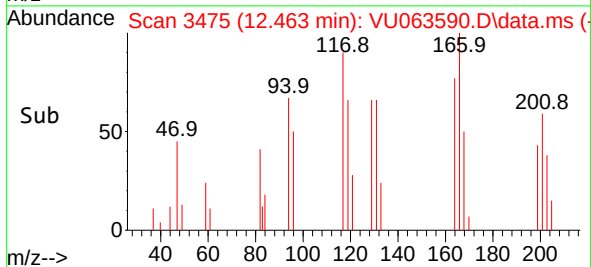
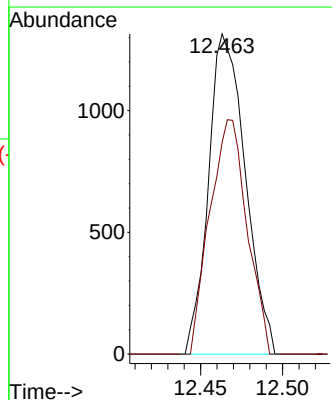
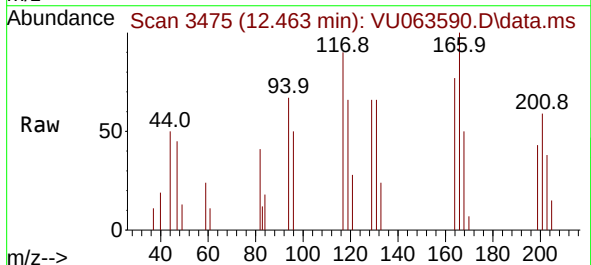
Instrument :
 MSVOA_U
 ClientSampleId :

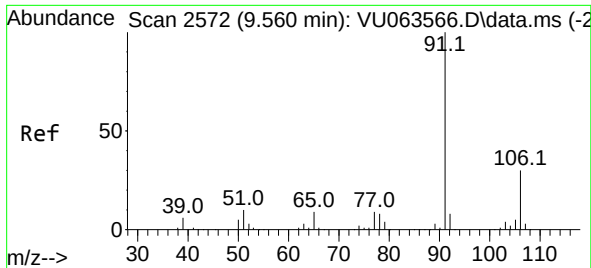
Tgt Ion:117 Resp: 2696
 Ion Ratio Lower Upper
 117 100
 167 69.3 62.6 93.8



#62
 Hexachloroethane
 Concen: 0.359 ug/l
 RT: 12.463 min Scan# 3475
 Delta R.T. -0.003 min
 Lab File: VU063590.D
 Acq: 16 Sep 2025 12:39

Tgt Ion:117 Resp: 2052
 Ion Ratio Lower Upper
 117 100
 201 73.9 61.0 91.6

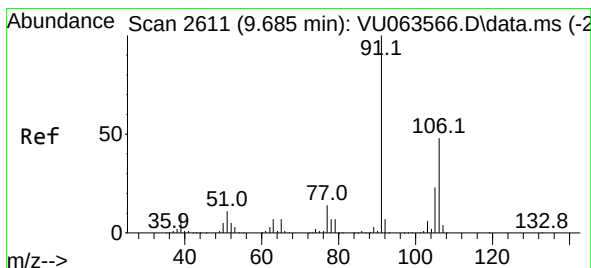
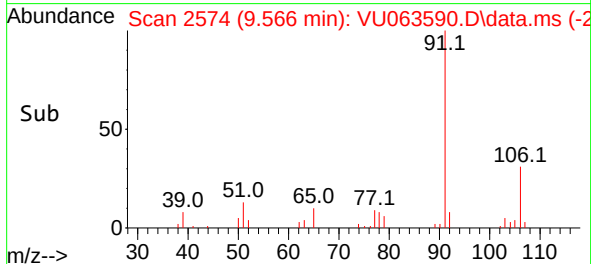
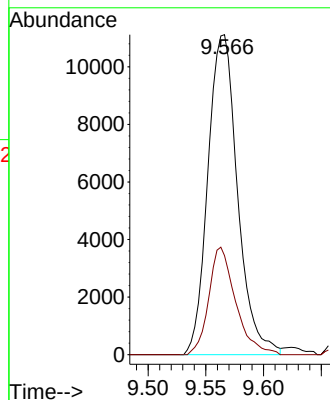
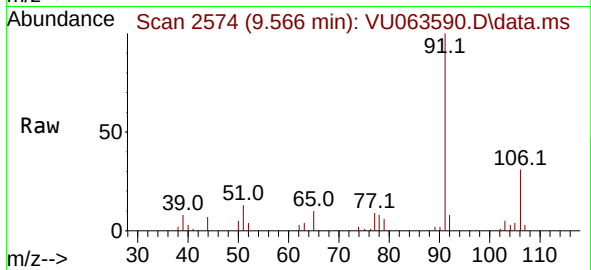




#63
Ethyl Benzene
Concen: 0.415 ug/l
RT: 9.566 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU063590.D
Acq: 16 Sep 2025 12:39

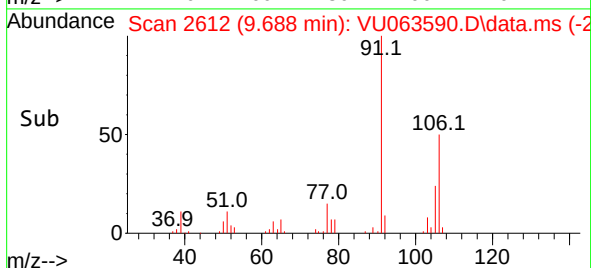
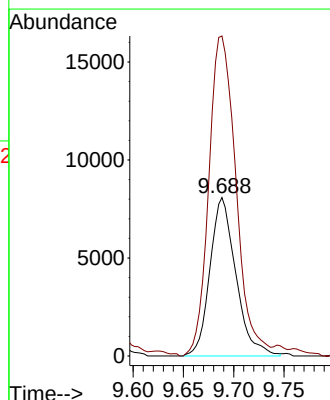
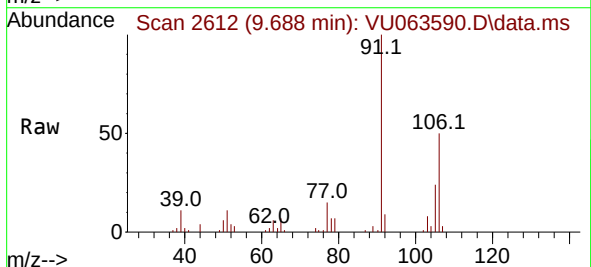
Instrument :
MSVOA_U
ClientSampleId :

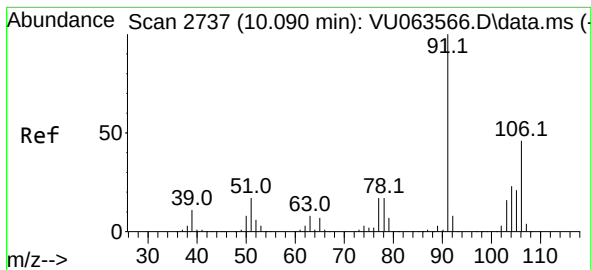
Tgt Ion: 91 Resp: 19884
Ion Ratio Lower Upper
91 100
106 31.0 23.8 35.8



#64
m/p-Xylenes
Concen: 0.789 ug/l
RT: 9.688 min Scan# 2612
Delta R.T. 0.003 min
Lab File: VU063590.D
Acq: 16 Sep 2025 12:39

Tgt Ion:106 Resp: 14525
Ion Ratio Lower Upper
106 100
91 211.3 167.0 250.4





#65

o-Xylene

Concen: 0.388 ug/l

RT: 10.093 min Scan# 2737

Delta R.T. 0.003 min

Lab File: VU063590.D

Acq: 16 Sep 2025 12:39

Instrument :

MSVOA_U

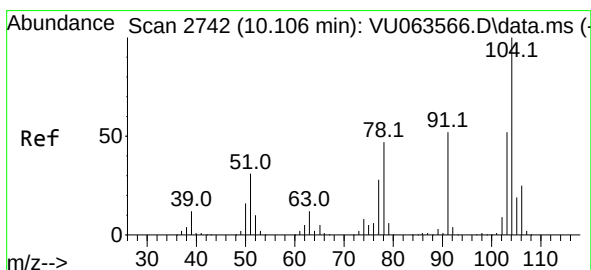
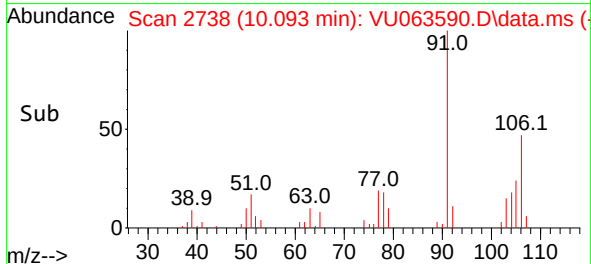
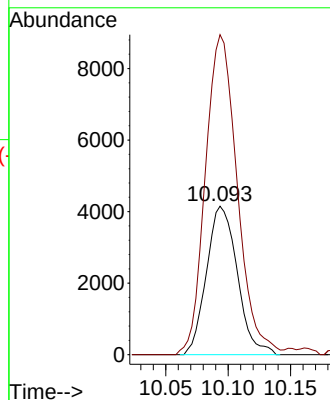
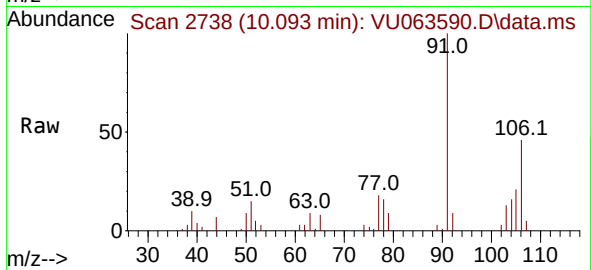
ClientSampleId :

Tgt Ion:106 Resp: 7141

Ion Ratio Lower Upper

106 100

91 222.5 108.7 326.1



#66

Styrene

Concen: 0.397 ug/l

RT: 10.113 min Scan# 2744

Delta R.T. 0.006 min

Lab File: VU063590.D

Acq: 16 Sep 2025 12:39

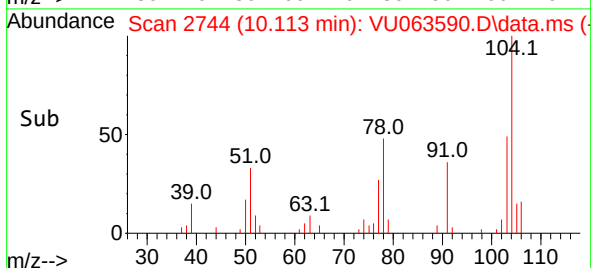
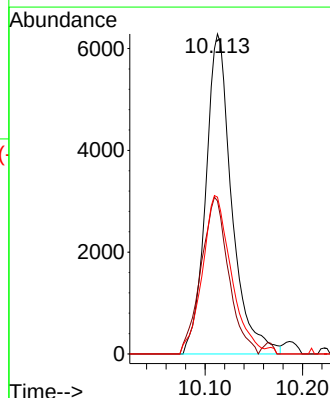
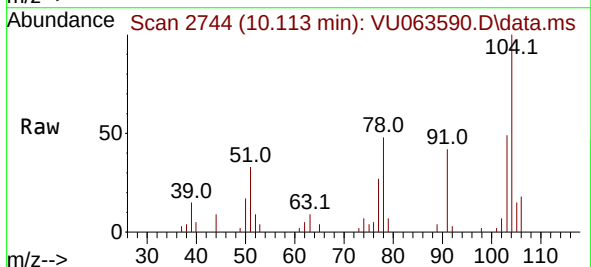
Tgt Ion:104 Resp: 11668

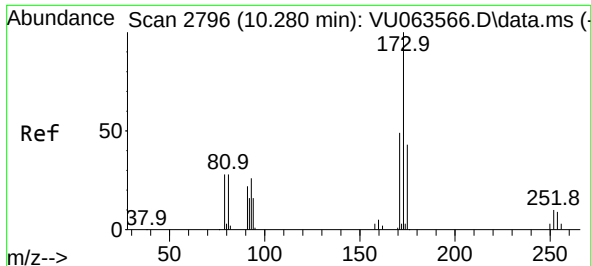
Ion Ratio Lower Upper

104 100

78 51.9 41.2 61.8

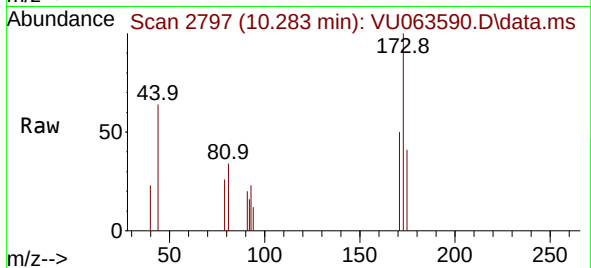
103 55.0 44.2 66.2



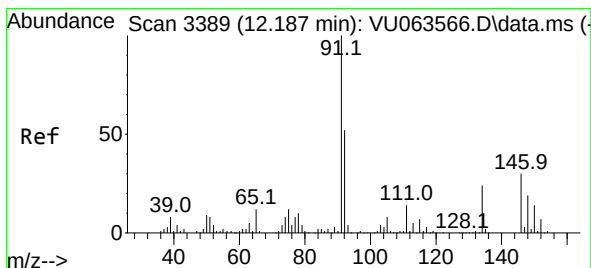
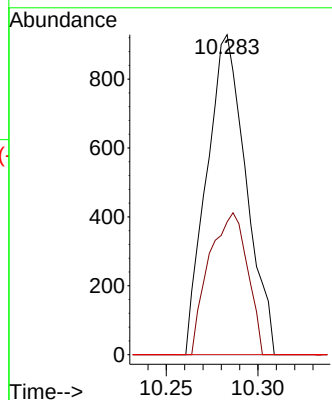
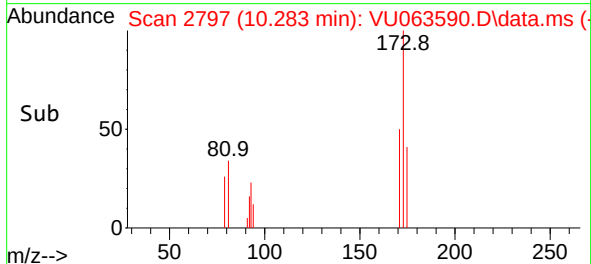


#67
Bromoform
Concen: 0.355 ug/l
RT: 10.283 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063590.D
Acq: 16 Sep 2025 12:39

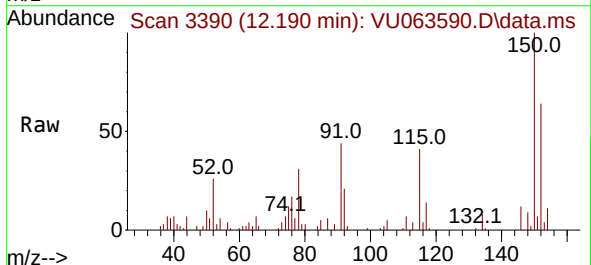
Instrument :
MSVOA_U
ClientSampleId :



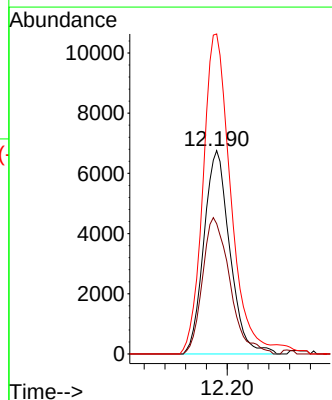
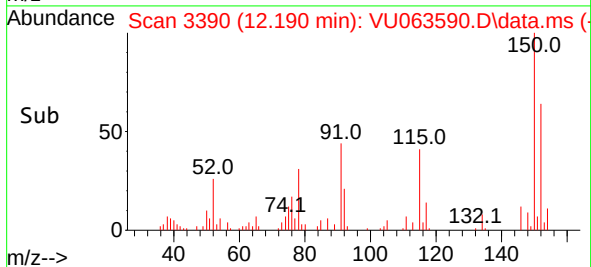
Tgt Ion:173 Resp: 1381
Ion Ratio Lower Upper
173 100
175 43.4 37.0 55.6
254 0.0 7.1 10.7#

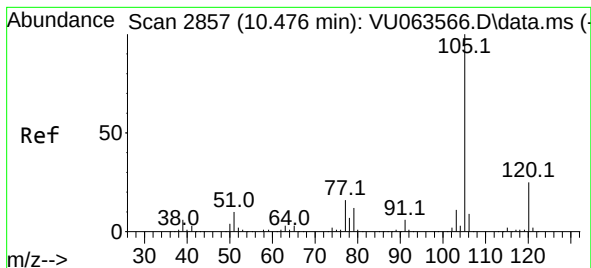


#68
1,2-Dichlorobenzene-d4
Concen: 0.898 ug/l
RT: 12.190 min Scan# 3390
Delta R.T. 0.003 min
Lab File: VU063590.D
Acq: 16 Sep 2025 12:39



Tgt Ion:152 Resp: 11688
Ion Ratio Lower Upper
152 100
115 71.0 0.0 260.6
150 170.9 0.0 661.8





#69

Isopropylbenzene

Concen: 0.413 ug/l

RT: 10.476 min Scan# 2857

Delta R.T. -0.000 min

Lab File: VU063590.D

Acq: 16 Sep 2025 12:39

Instrument :

MSVOA_U

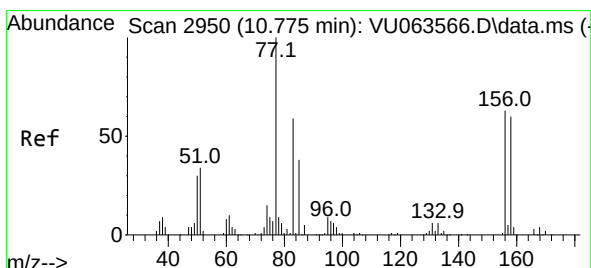
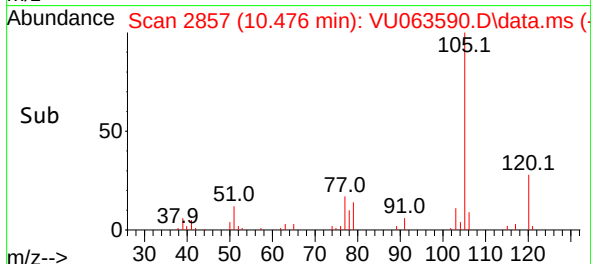
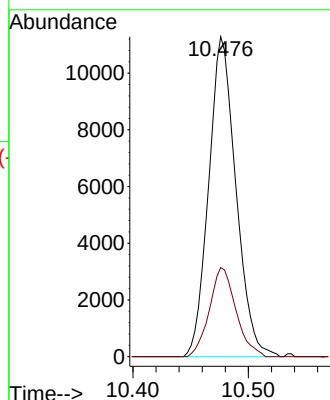
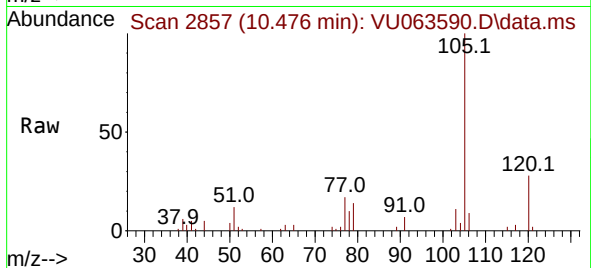
ClientSampleId :

Tgt Ion:105 Resp: 18466

Ion Ratio Lower Upper

105 100

120 27.1 12.7 38.0



#70

1,1,2,2-Tetrachloroethane

Concen: 0.448 ug/l

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU063590.D

Acq: 16 Sep 2025 12:39

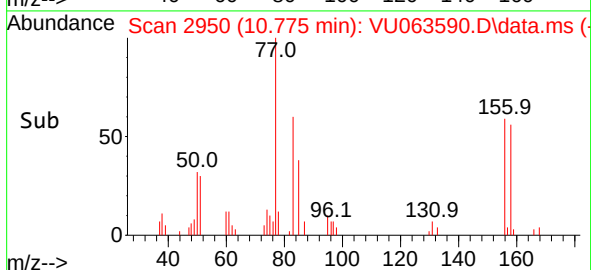
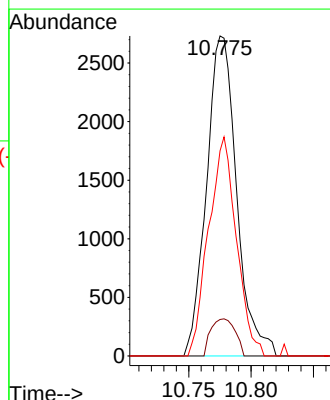
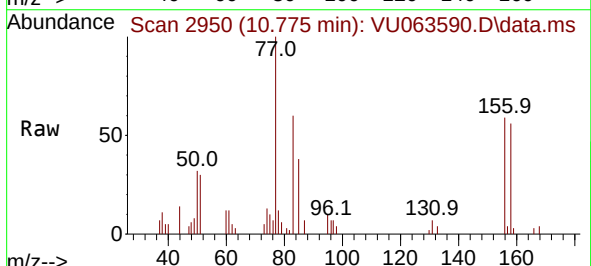
Tgt Ion: 83 Resp: 4597

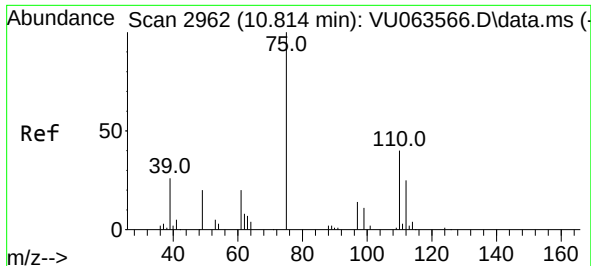
Ion Ratio Lower Upper

83 100

131 9.4 7.7 11.5

85 63.3 52.2 78.4

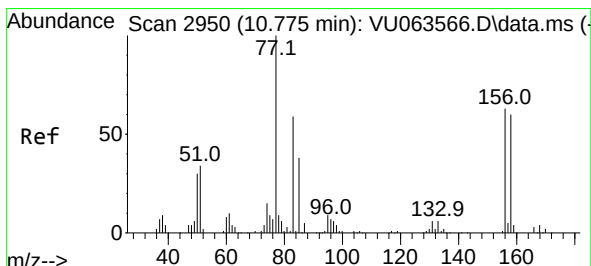
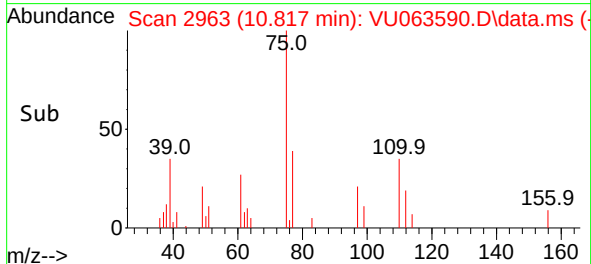
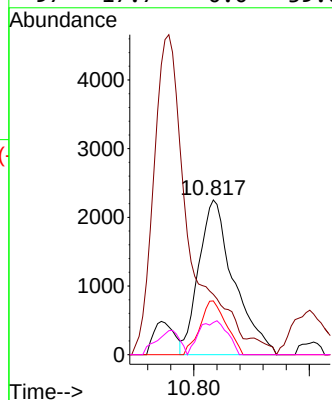
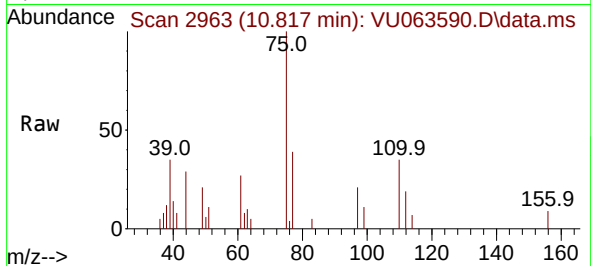




#71
1,2,3-Trichloropropane
Concen: 0.625 ug/l
RT: 10.817 min Scan# 2963
Delta R.T. 0.003 min
Lab File: VU063590.D
Acq: 16 Sep 2025 12:39

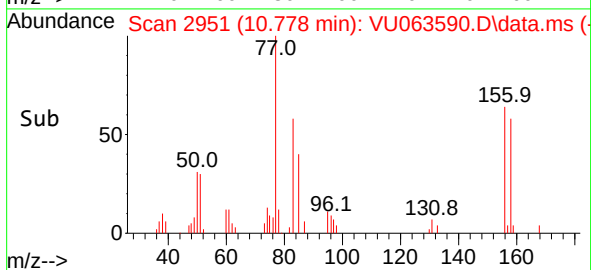
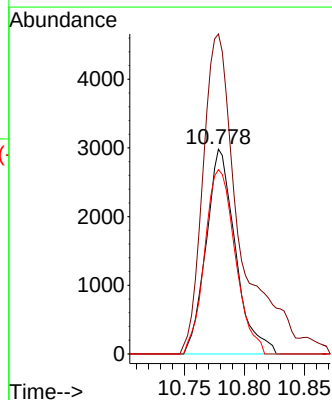
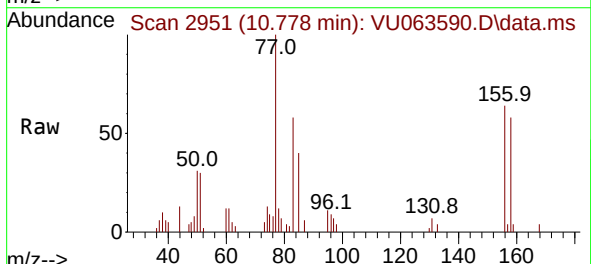
Instrument :
MSVOA_U
ClientSampleId :

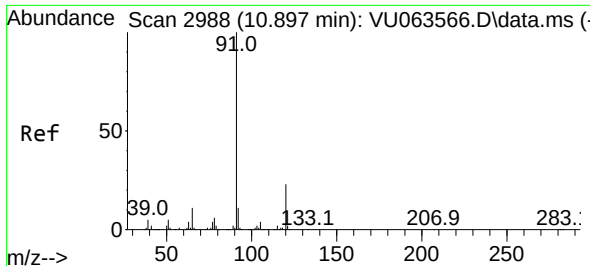
Tgt Ion: 75	Resp: 4756
Ion Ratio	Lower Upper
75 100	
77 0.0	0.0 0.0
110 25.9	0.0 77.6
97 17.7	0.0 39.6



#72
Bromobenzene
Concen: 0.438 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VU063590.D
Acq: 16 Sep 2025 12:39

Tgt Ion:156	Resp: 5080		
Ion Ratio	Lower	Upper	
156 100			
77 193.6	0.0	323.0	
158 93.7	0.0	195.4	

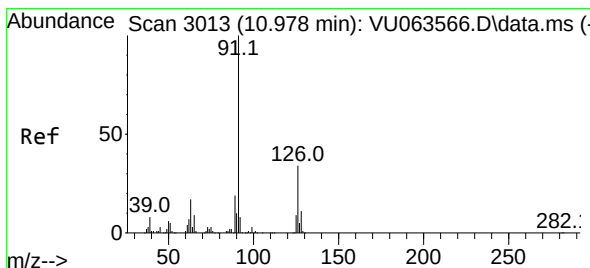
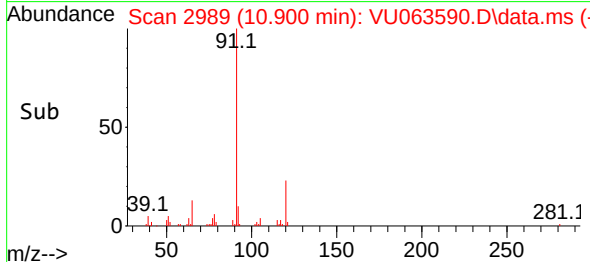
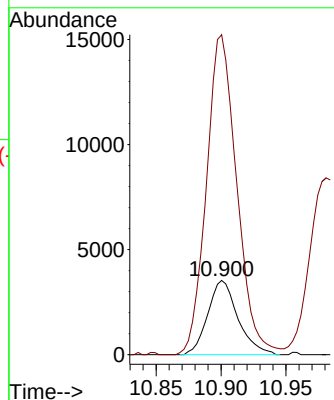
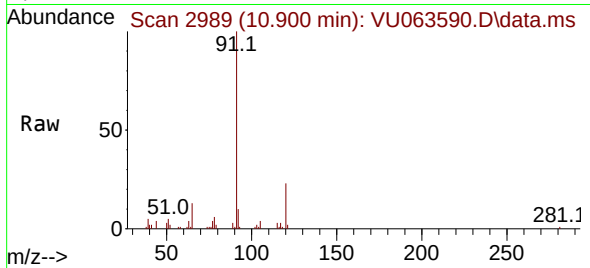




#73
n-propylbenzene
Concen: 0.441 ug/l
RT: 10.900 min Scan# 2988
Delta R.T. 0.003 min
Lab File: VU063590.D
Acq: 16 Sep 2025 12:39

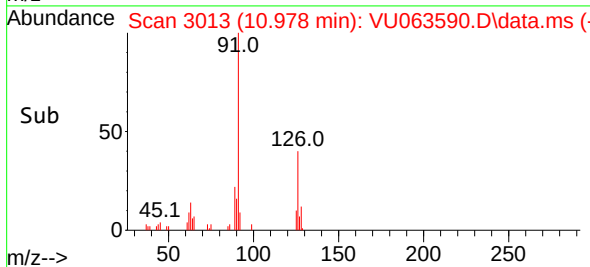
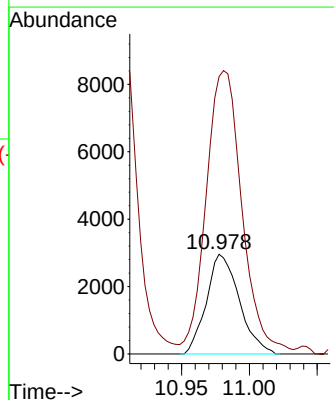
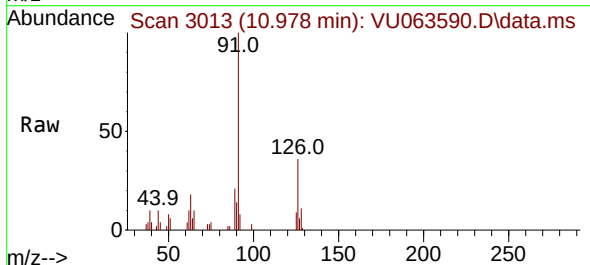
Instrument :
MSVOA_U
ClientSampleId :

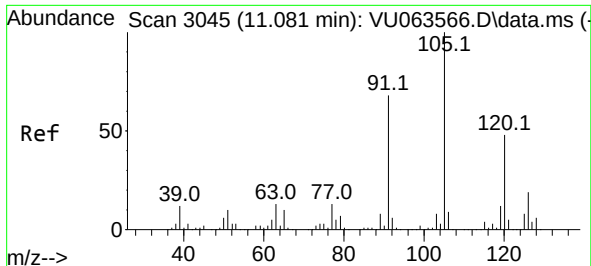
Tgt Ion:120 Resp: 5706
Ion Ratio Lower Upper
120 100
91 435.1 349.1 523.7



#74
2-Chlorotoluene
Concen: 0.426 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. -0.000 min
Lab File: VU063590.D
Acq: 16 Sep 2025 12:39

Tgt Ion:126 Resp: 4980
Ion Ratio Lower Upper
126 100
91 300.9 0.0 609.4

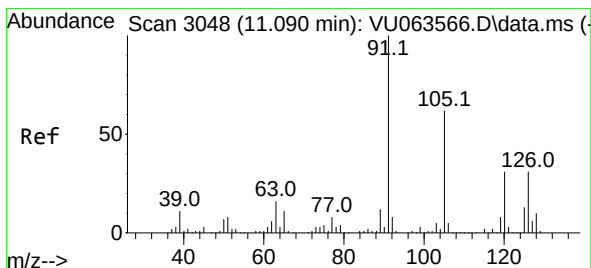
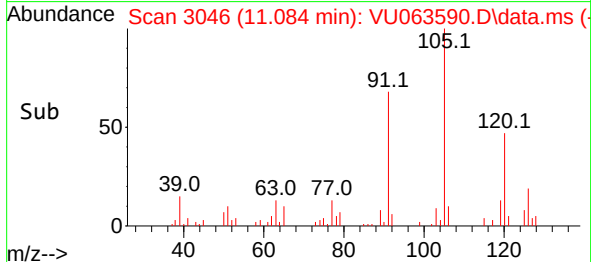
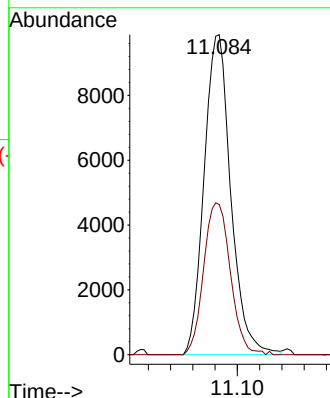
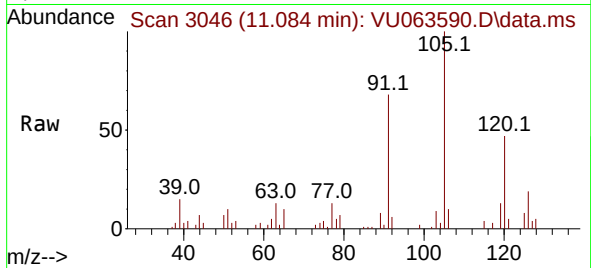




#75
1,3,5-Trimethylbenzene
Concen: 0.393 ug/l
RT: 11.084 min Scan# 3045
Delta R.T. 0.003 min
Lab File: VU063590.D
Acq: 16 Sep 2025 12:39

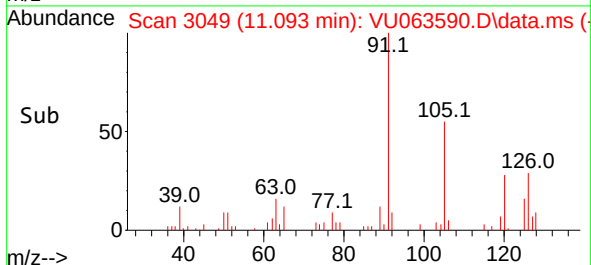
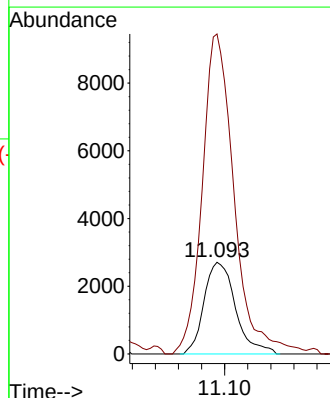
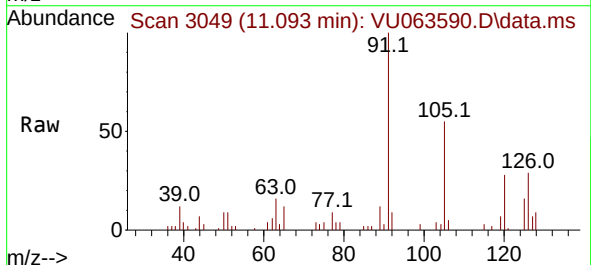
Instrument :
MSVOA_U
ClientSampleId :

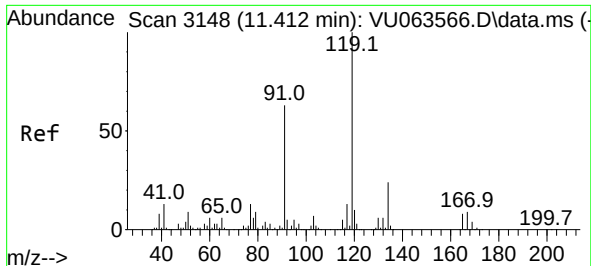
Tgt Ion:105 Resp: 16434
Ion Ratio Lower Upper
105 100
120 47.5 38.0 57.0



#76
4-Chlorotoluene
Concen: 0.418 ug/l
RT: 11.093 min Scan# 3049
Delta R.T. 0.003 min
Lab File: VU063590.D
Acq: 16 Sep 2025 12:39

Tgt Ion:126 Resp: 5124
Ion Ratio Lower Upper
126 100
91 353.0 0.0 679.4

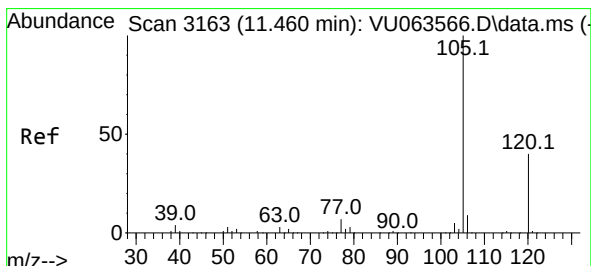
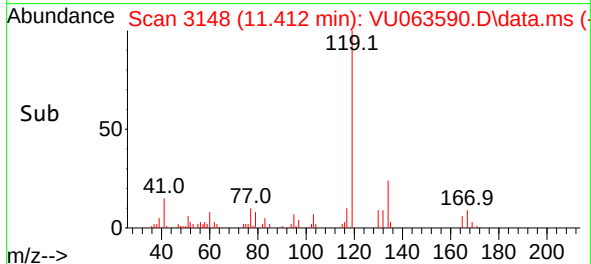
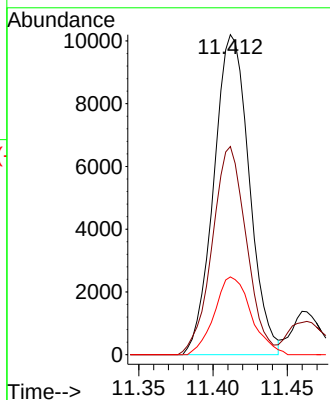
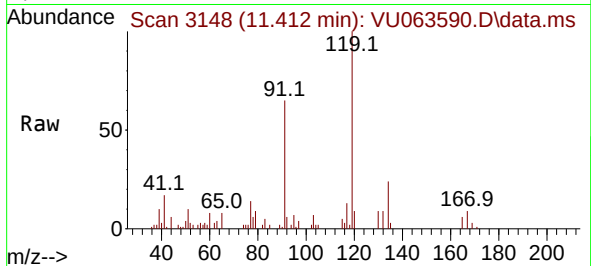




#77
 tert-Butylbenzene
 Concen: 0.419 ug/l
 RT: 11.412 min Scan# 3148
 Delta R.T. -0.000 min
 Lab File: VU063590.D
 Acq: 16 Sep 2025 12:39

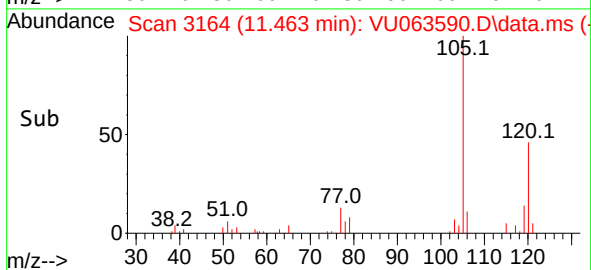
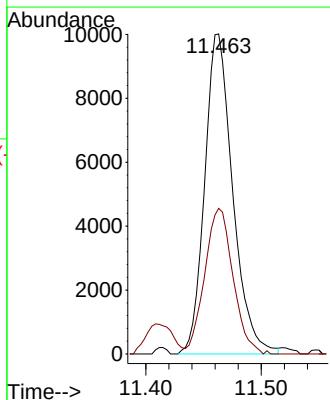
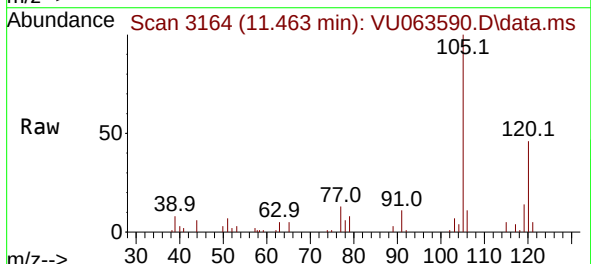
Instrument :
 MSVOA_U
 ClientSampleId :

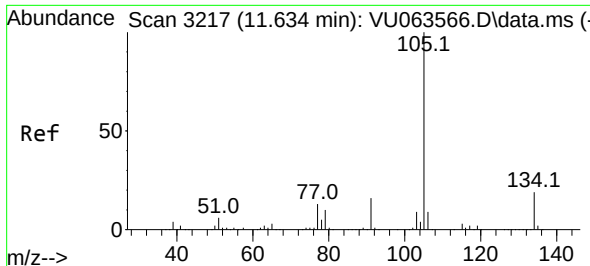
Tgt Ion	Ratio	Lower	Upper
119	100		
91	62.7	31.0	93.0
134	25.2	19.0	28.6



#78
 1,2,4-Trimethylbenzene
 Concen: 0.415 ug/l
 RT: 11.463 min Scan# 3164
 Delta R.T. 0.003 min
 Lab File: VU063590.D
 Acq: 16 Sep 2025 12:39

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	22.4	67.3

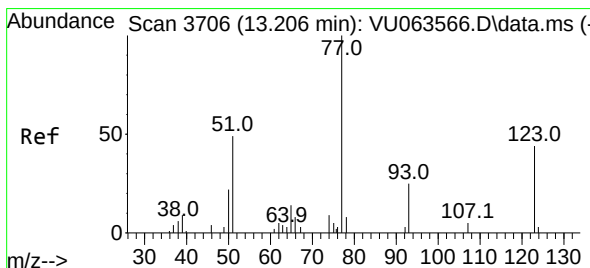
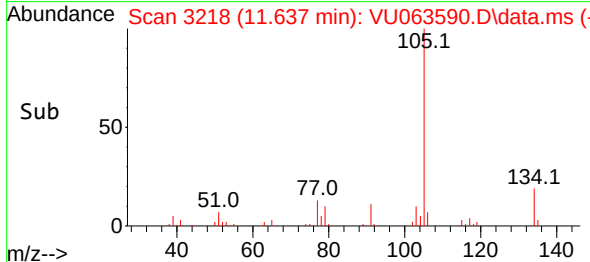
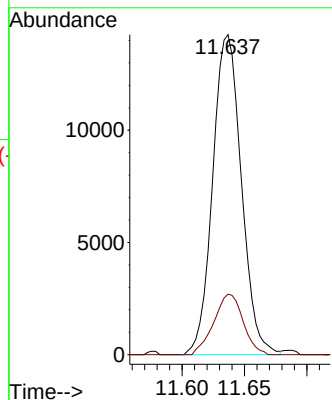
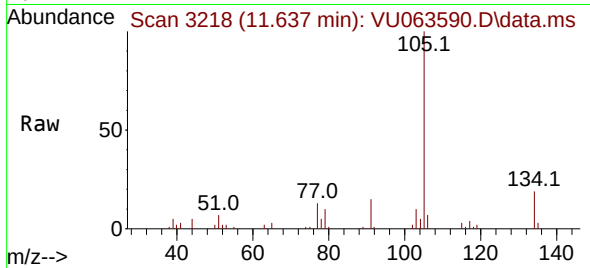




#79
 sec-Butylbenzene
 Concen: 0.417 ug/l
 RT: 11.637 min Scan# 311
 Delta R.T. 0.003 min
 Lab File: VU063590.D
 Acq: 16 Sep 2025 12:39

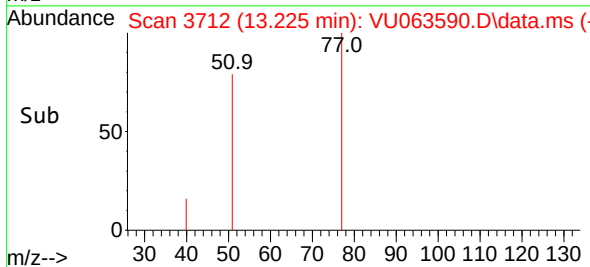
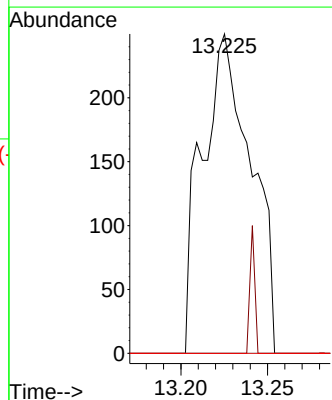
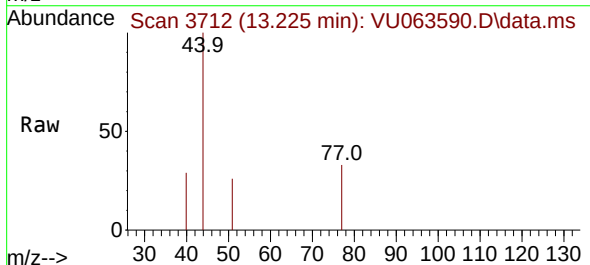
Instrument :
 MSVOA_U
 ClientSampleId :

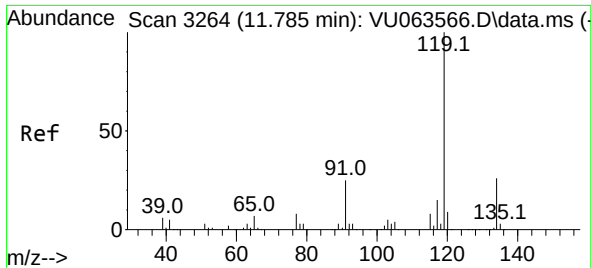
Tgt Ion:105 Resp: 22850
 Ion Ratio Lower Upper
 105 100
 134 19.3 15.6 23.4



#80
 Nitrobenzene
 Concen: 3.489 ug/l
 RT: 13.225 min Scan# 3712
 Delta R.T. 0.019 min
 Lab File: VU063590.D
 Acq: 16 Sep 2025 12:39

Tgt Ion: 77 Resp: 492
 Ion Ratio Lower Upper
 77 100
 123 3.9 18.0 63.6#
 65 0.0 12.8 16.4#

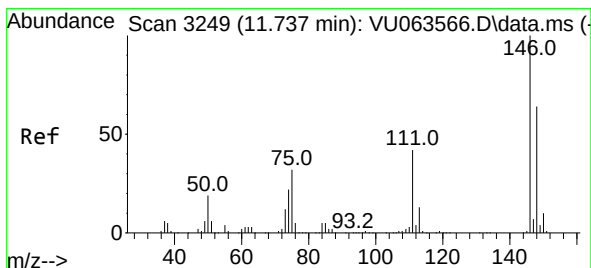
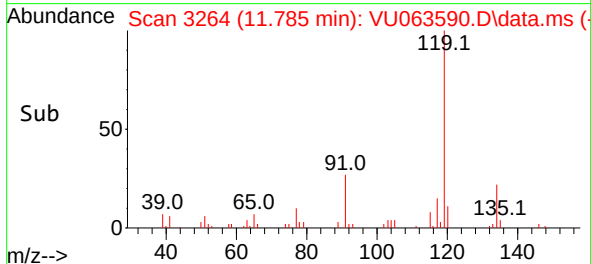
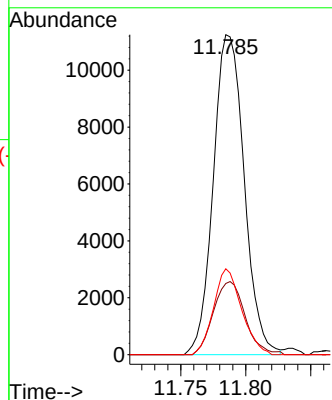
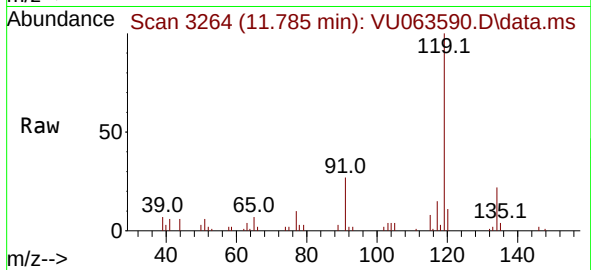




#81
p-Isopropyltoluene
Concen: 0.422 ug/l
RT: 11.785 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU063590.D
Acq: 16 Sep 2025 12:39

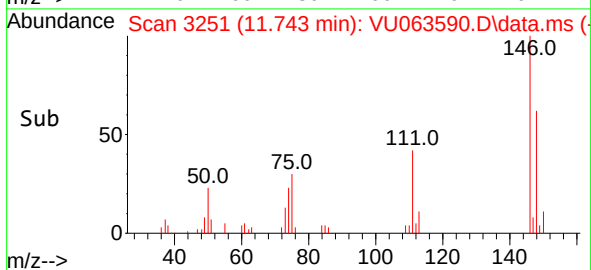
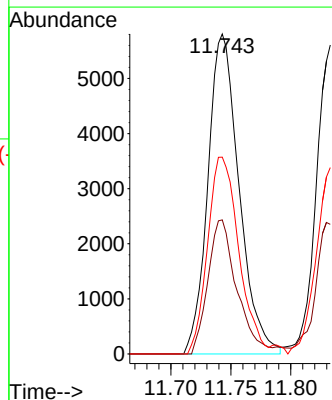
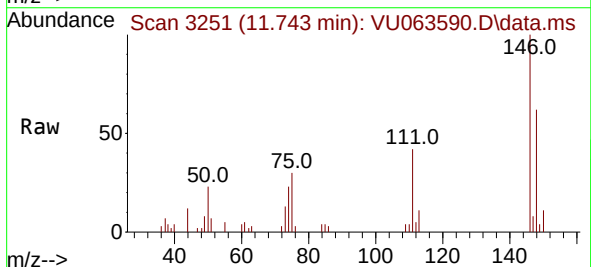
Instrument :
MSVOA_U
ClientSampleId :

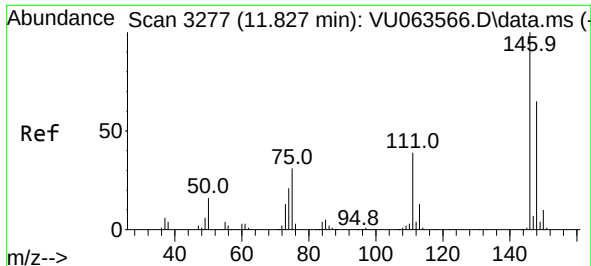
Tgt Ion:	119	Resp:	18584
Ion	Ratio	Lower	Upper
119	100		
134	23.5	20.6	30.8
91	24.4	19.8	29.6



#82
1,3-Dichlorobenzene
Concen: 0.449 ug/l
RT: 11.743 min Scan# 3251
Delta R.T. 0.006 min
Lab File: VU063590.D
Acq: 16 Sep 2025 12:39

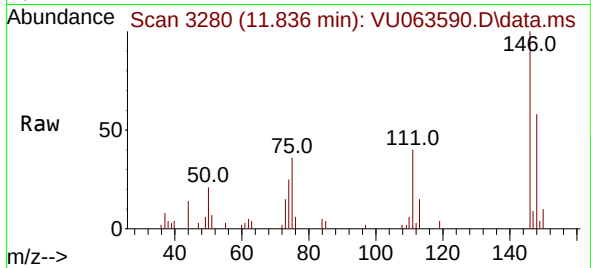
Tgt Ion:	146	Resp:	10496
Ion	Ratio	Lower	Upper
146	100		
111	38.8	32.7	49.1
148	61.5	50.4	75.6



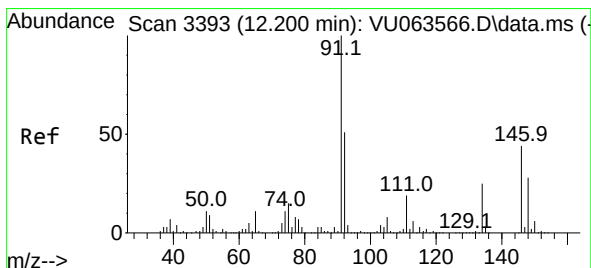
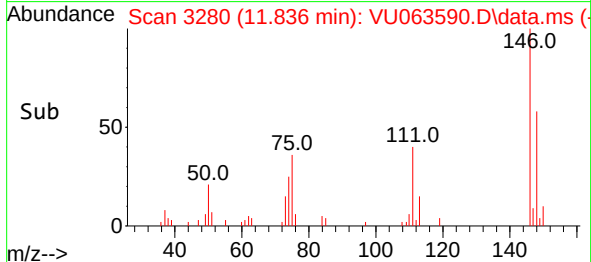
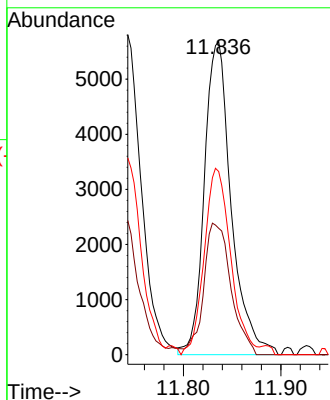


#83
1,4-Dichlorobenzene
Concen: 0.454 ug/l
RT: 11.836 min Scan# 31
Delta R.T. 0.009 min
Lab File: VU063590.D
Acq: 16 Sep 2025 12:39

Instrument :
MSVOA_U
ClientSampleId :

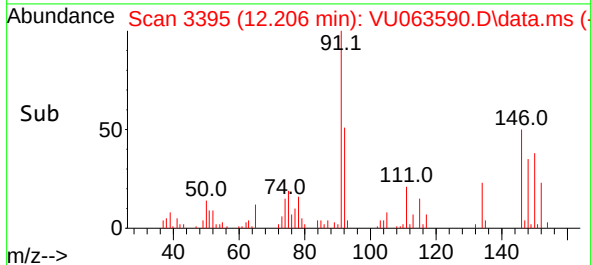
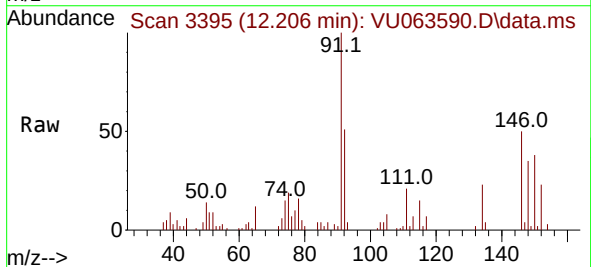
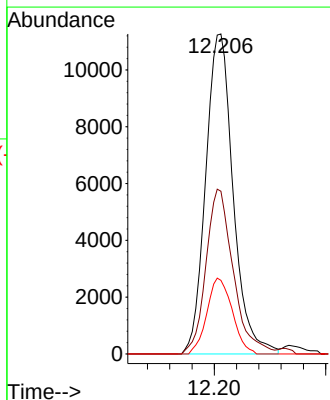


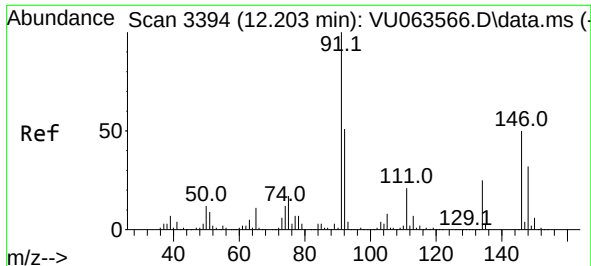
Tgt Ion:146 Resp: 10889
Ion Ratio Lower Upper
146 100
111 42.4 31.6 47.4
148 58.8 51.8 77.8



#84
n-Butylbenzene
Concen: 0.467 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. 0.006 min
Lab File: VU063590.D
Acq: 16 Sep 2025 12:39

Tgt Ion: 91 Resp: 19314
Ion Ratio Lower Upper
91 100
92 51.1 41.3 61.9
134 21.8 19.9 29.9

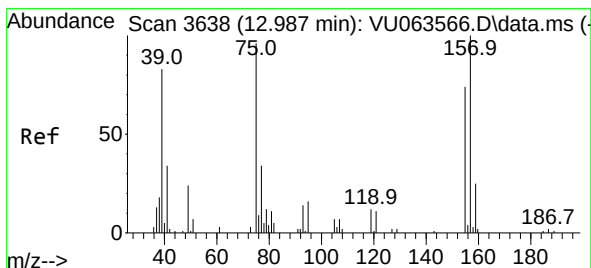
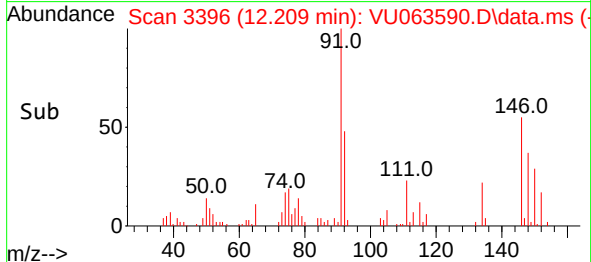
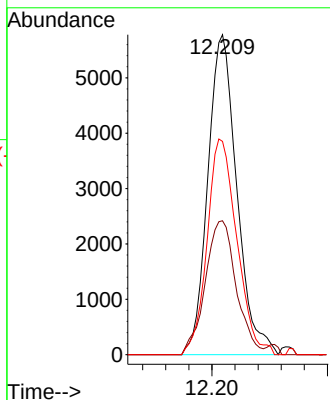
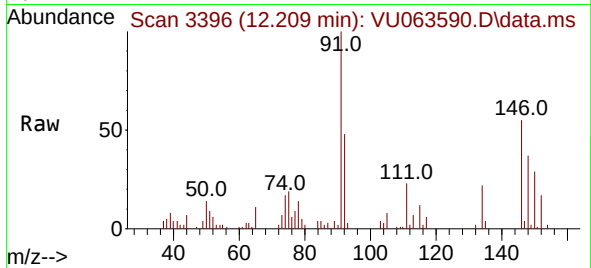




#85
 1,2-Dichlorobenzene
 Concen: 0.448 ug/l
 RT: 12.209 min Scan# 311
 Delta R.T. 0.006 min
 Lab File: VU063590.D
 Acq: 16 Sep 2025 12:39

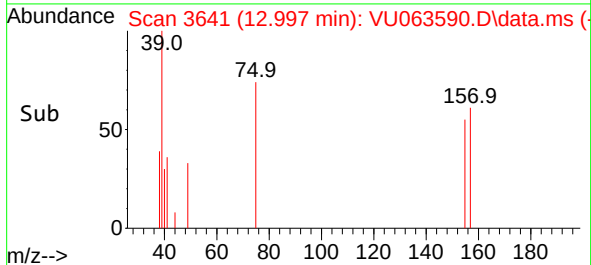
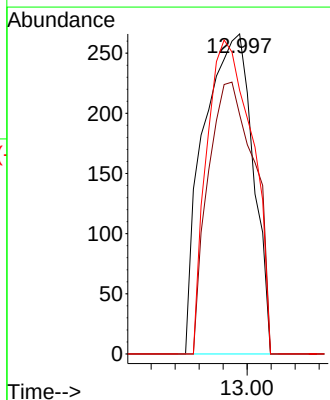
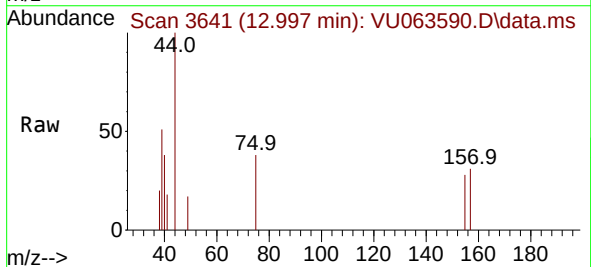
Instrument :
 MSVOA_U
 ClientSampleId :

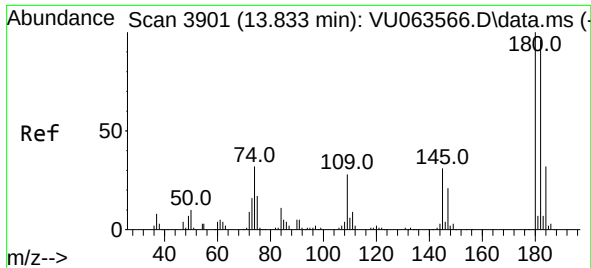
Tgt Ion:146 Resp: 10085
 Ion Ratio Lower Upper
 146 100
 111 44.7 21.0 63.0
 148 69.2 31.8 95.3



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 0.288 ug/l
 RT: 12.997 min Scan# 3641
 Delta R.T. 0.009 min
 Lab File: VU063590.D
 Acq: 16 Sep 2025 12:39

Tgt Ion: 75 Resp: 381
 Ion Ratio Lower Upper
 75 100
 155 79.5 64.1 96.1
 157 90.0 84.2 126.4

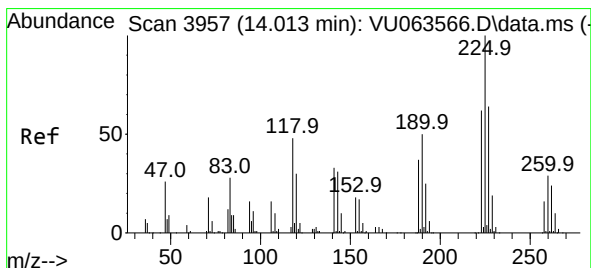
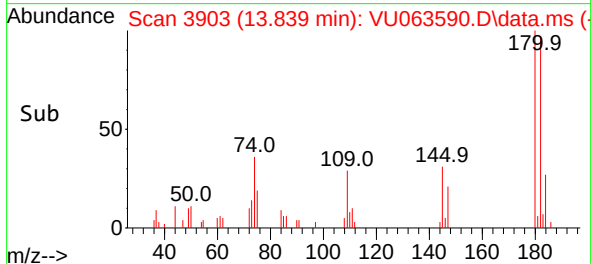
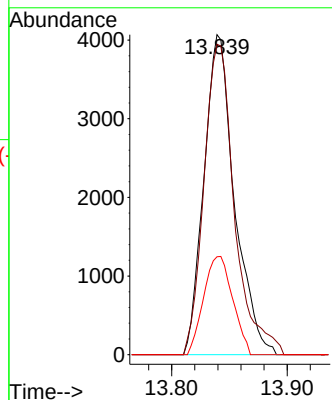
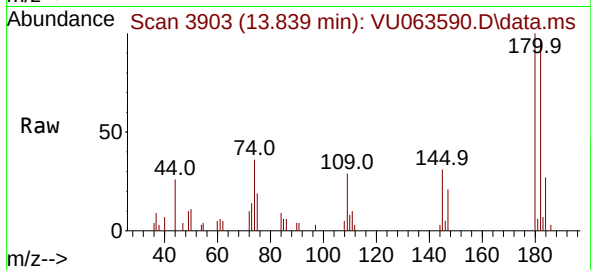




#87
 1,2,4-Trichlorobenzene
 Concen: 0.548 ug/l
 RT: 13.839 min Scan# 3901
 Delta R.T. 0.006 min
 Lab File: VU063590.D
 Acq: 16 Sep 2025 12:39

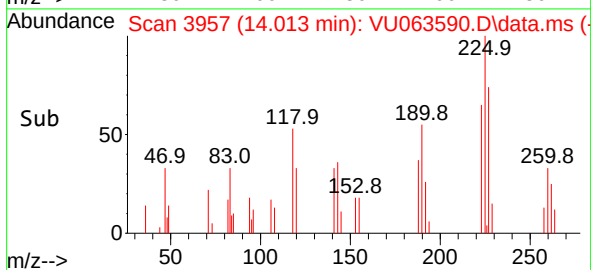
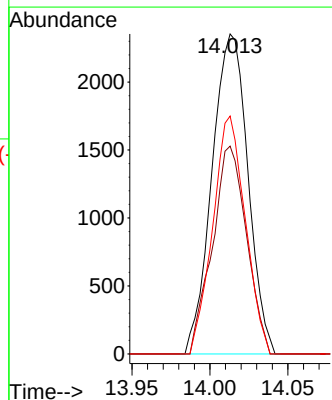
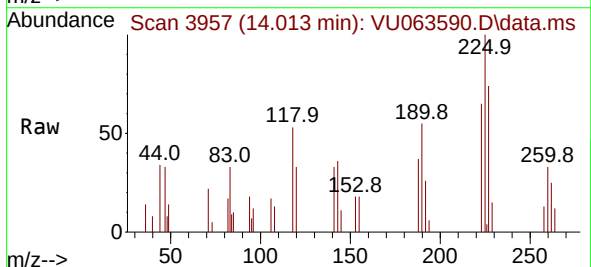
Instrument :
 MSVOA_U
 ClientSampleId :

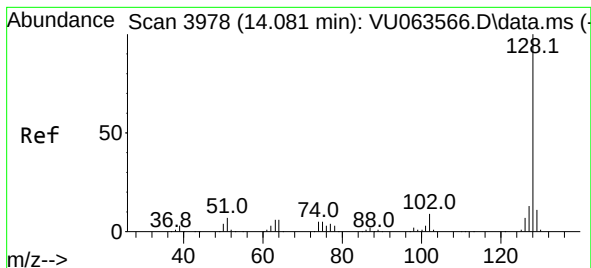
Tgt Ion:180 Resp: 7475
 Ion Ratio Lower Upper
 180 100
 182 97.1 77.1 115.7
 145 29.1 25.0 37.4



#88
 Hexachlorobutadiene
 Concen: 0.444 ug/l
 RT: 14.013 min Scan# 3957
 Delta R.T. -0.000 min
 Lab File: VU063590.D
 Acq: 16 Sep 2025 12:39

Tgt Ion:225 Resp: 3768
 Ion Ratio Lower Upper
 225 100
 223 61.7 50.2 75.2
 227 67.3 51.6 77.4





#89

Naphthalene

Concen: 0.703 ug/l

RT: 14.090 min Scan# 3981

Delta R.T. 0.009 min

Lab File: VU063590.D

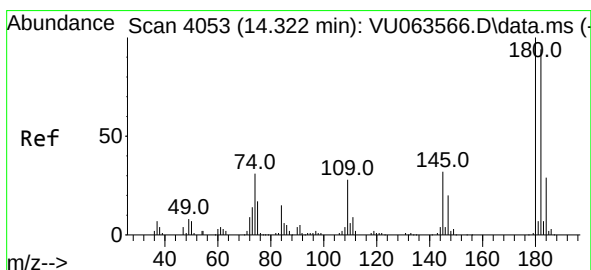
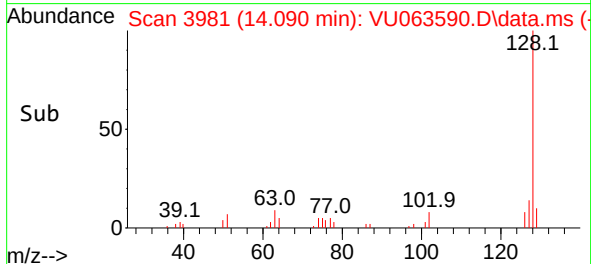
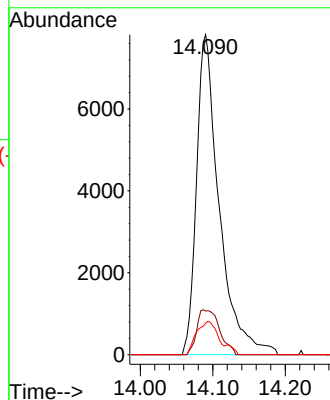
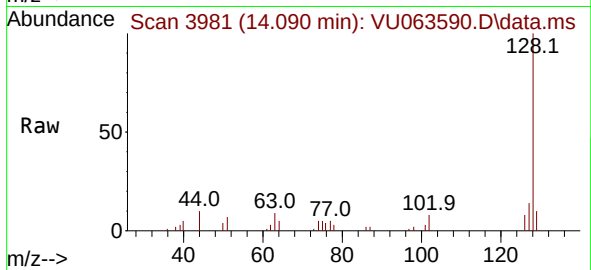
Acq: 16 Sep 2025 12:39

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:128	Resp:	16950
Ion Ratio	Lower	Upper
128	100	
127	14.1	10.2 15.4
129	10.6	8.6 13.0



#90

1,2,3-Trichlorobenzene

Concen: 0.580 ug/l

RT: 14.328 min Scan# 4055

Delta R.T. 0.006 min

Lab File: VU063590.D

Acq: 16 Sep 2025 12:39

Tgt Ion:180	Resp:	7509
Ion Ratio	Lower	Upper
180	100	
182	95.1	76.8 115.2
145	34.1	26.6 40.0

