

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091525\
 Data File : VU063573.D
 Acq On : 15 Sep 2025 12:07
 Operator : MD/SY
 Sample : VU0915WBS01
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 16 04:55:23 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	33085	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	12549	1.018	ug/l	0.00
Spiked Amount	1.000		Recovery	= 102.000%		
68) 1,2-Dichlorobenzene-d4	12.187	152	12715	1.012	ug/l	0.00
Spiked Amount	1.000		Recovery	= 101.000%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	22549	2.065	ug/l	99
3) Chloromethane	1.518	50	21602	2.020	ug/l	97
4) Vinyl Chloride	1.595	62	22559	1.947	ug/l	98
5) Bromomethane	1.830	94	15449	2.160	ug/l	93
6) Chloroethane	1.914	64	15107	2.028	ug/l	96
7) Trichlorofluoromethane	2.123	101	34616	2.036	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.563	101	19229	2.020	ug/l	99
9) 1,1-Dichloroethene	2.566	96	17726	2.056	ug/l	95
10) Iodomethane	2.705	142	22115	1.783	ug/l	100
11) Allyl Chloride	2.907	41	28901	2.016	ug/l	100
12) Acrylonitrile	3.306	53	10713	4.105	ug/l	94
13) Acetone	2.618	43	46297	12.531	ug/l	99
14) Carbon Disulfide	2.775	76	33709	1.871	ug/l	99
15) Methylene Chloride	3.026	84	28642	2.514	ug/l	99
16) trans-1,2-Dichloroethene	3.335	96	18757	2.042	ug/l	96
17) 1,1-Dichloroethane	3.846	63	43310	2.058	ug/l	100
18) 2-Butanone	4.714	43	47871	11.377	ug/l	99
19) Cyclohexane	5.357	56	31259	1.855	ug/l	89
20) Methylcyclohexane	6.740	83	27518	1.781	ug/l	97
21) 2,2-Dichloropropane	4.640	77	31022	1.993	ug/l	99
22) cis-1,2-Dichloroethene	4.647	96	22591	2.003	ug/l	99
23) Diethyl Ether	2.367	59	16028	2.097	ug/l	96
24) tert-Butyl Alcohol	3.197	59	20122	19.866	ug/l	99
25) Methyl tert-Butyl Ether	3.357	73	52251	2.029	ug/l	97
26) Bromochloromethane	4.955	128	9380	2.058	ug/l	94
27) Chloroform	5.071	83	42088	1.999	ug/l	99
28) 1,1,1-Trichloroethane	5.293	97	32735	2.022	ug/l	99
29) 1,1-Dichloropropene	5.502	75	29353	1.952	ug/l	98
30) Carbon Tetrachloride	5.499	117	22767	1.910	ug/l	99
31) Isopropyl Ether	3.991	45	74221	2.104	ug/l	98
32) Ethyl-t-butyl ether	4.502	59	62621	2.078	ug/l	98
33) Tert-Amyl methyl ether	5.939	73	53431	2.081	ug/l	98
34) Propionitrile	4.775	54	10629	10.799	ug/l	# 93
35) Benzene	5.753	78	89454	2.066	ug/l	96
36) 1,2-Dichloroethane	5.782	62	30481	2.086	ug/l	99
37) Trichloroethene	6.524	130	21704	2.014	ug/l	96
38) 1,2-Dichloropropane	6.778	63	22137	1.930	ug/l	98
39) Methacrylonitrile	4.971	41	10232	2.202	ug/l	89
40) Methyl acrylate	4.846	55	12211	1.917	ug/l	# 94
41) Tetrahydrofuran	5.062	42	10381	4.286	ug/l	98
42) 1-Chlorobutane	5.434	56	44633	2.117	ug/l	98
43) Dibromomethane	6.907	93	10840	1.971	ug/l	98
44) Bromodichloromethane	7.094	83	22367	1.903	ug/l	100

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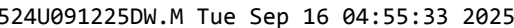
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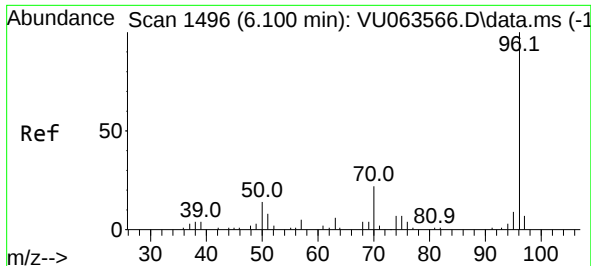
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U091225DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Sat Sep 13 03:31:19 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.798	43	69019	10.020	ug/l	98
46) t-1,4-Dichloro-2-butene	10.814	75	19693	7.641	ug/l #	68
47) Methyl methacrylate	6.965	69	18323	3.724	ug/l	99
48) Ethyl methacrylate	8.335	69	17724	1.942	ug/l	99
49) Toluene	7.958	92	46972	1.999	ug/l	99
50) t-1,3-Dichloropropene	8.203	75	16302	1.852	ug/l	98
51) cis-1,3-Dichloropropene	7.598	75	22468	1.919	ug/l	99
52) 1,1,2-Trichloroethane	8.393	97	15924	2.046	ug/l	95
53) 1,3-Dichloropropane	8.569	76	26704	1.975	ug/l	100
54) 2-Hexanone	8.688	43	54646	10.857	ug/l	97
55) Dibromochloromethane	8.801	129	13921	1.845	ug/l	98
56) 1,2-Dibromoethane	8.917	107	13323	1.984	ug/l	93
58) Tetrachloroethene	8.540	164	21243	2.002	ug/l	91
59) Chlorobenzene	9.441	112	53395	1.972	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.524	131	16710	1.889	ug/l	99
61) Pentachloroethane	11.418	117	11891	1.876	ug/l	98
62) Hexachloroethane	12.463	117	10152	1.841	ug/l	95
63) Ethyl Benzene	9.560	91	91031	1.969	ug/l	99
64) m/p-Xylenes	9.685	106	68135	3.835	ug/l	99
65) o-Xylene	10.093	106	34266	1.927	ug/l	100
66) Styrene	10.106	104	55624	1.959	ug/l	99
67) Bromoform	10.283	173	6818	1.814	ug/l #	96
69) Isopropylbenzene	10.476	105	83713	1.939	ug/l	97
70) 1,1,2,2-Tetrachloroethane	10.772	83	19505	1.968	ug/l	97
71) 1,2,3-Trichloropropane	10.814	75	19693	2.680	ug/l #	83
72) Bromobenzene	10.778	156	22022	1.966	ug/l	97
73) n-propylbenzene	10.897	120	25427	2.038	ug/l	99
74) 2-Chlorotoluene	10.981	126	21666	1.920	ug/l	97
75) 1,3,5-Trimethylbenzene	11.081	105	79081	1.959	ug/l	100
76) 4-Chlorotoluene	11.090	126	22778	1.928	ug/l	100
77) tert-Butylbenzene	11.412	119	76403	1.958	ug/l	99
78) 1,2,4-Trimethylbenzene	11.460	105	78714	2.003	ug/l	100
79) sec-Butylbenzene	11.634	105	104141	1.970	ug/l	100
80) Nitrobenzene	13.212	77	1611	11.298	ug/l #	62
81) p-Isopropyltoluene	11.785	119	85706	2.015	ug/l	99
82) 1,3-Dichlorobenzene	11.740	146	45737	2.030	ug/l	99
83) 1,4-Dichlorobenzene	11.830	146	46019	1.988	ug/l	98
84) n-Butylbenzene	12.203	91	78108	1.959	ug/l	99
85) 1,2-Dichlorobenzene	12.206	146	43647	2.008	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.990	75	2262	1.771	ug/l	94
87) 1,2,4-Trichlorobenzene	13.836	180	27203	2.067	ug/l	98
88) Hexachlorobutadiene	14.013	225	16250	1.984	ug/l	99
89) Naphthalene	14.084	128	48895	2.101	ug/l	100
90) 1,2,3-Trichlorobenzene	14.325	180	25629	2.052	ug/l	99

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

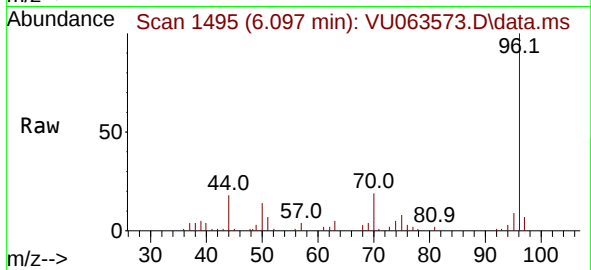
Quant Time: Sep 16 04:55:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U091225DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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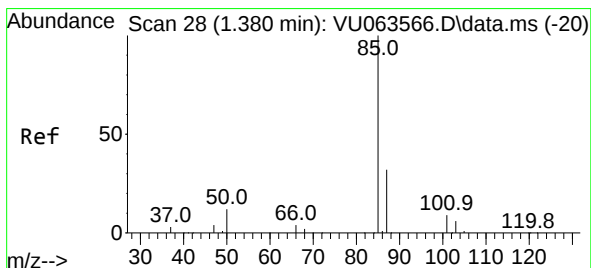
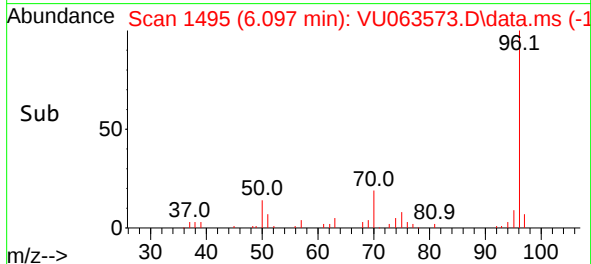
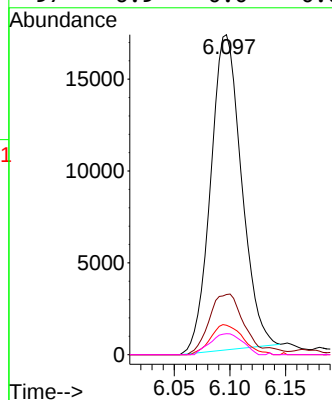
#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.097 min Scan# 1496
Delta R.T. -0.003 min
Lab File: VU063573.D
Acq: 15 Sep 2025 12:07

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 96 Resp: 33085

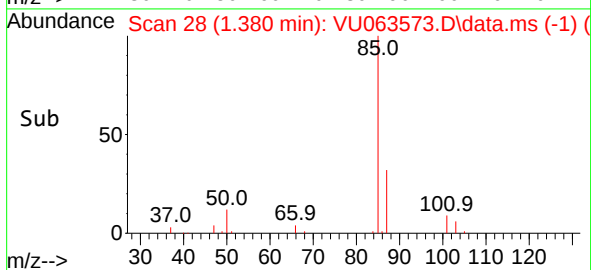
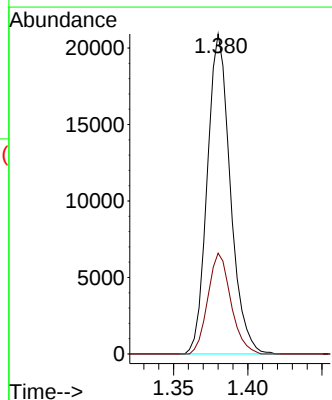
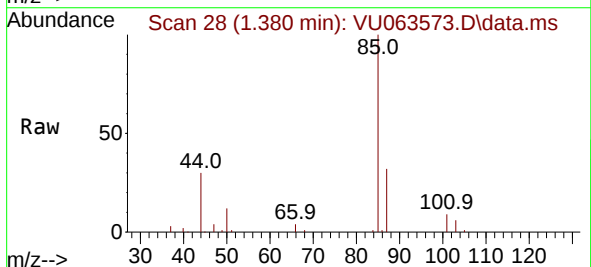
Ion	Ratio	Lower	Upper
96	100		
70	20.8	15.5	23.3
95	9.9	7.7	11.5
97	6.9	0.0	0.0

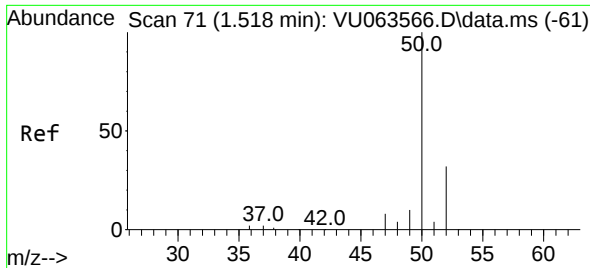


#2
Dichlorodifluoromethane
Concen: 2.065 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU063573.D
Acq: 15 Sep 2025 12:07

Tgt Ion: 85 Resp: 22549

Ion	Ratio	Lower	Upper
85	100		
87	31.5	16.1	48.2

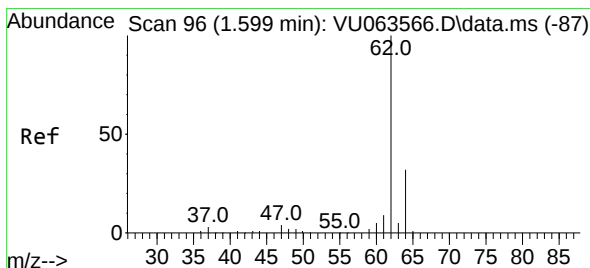
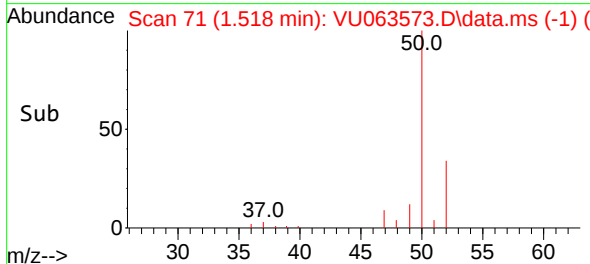
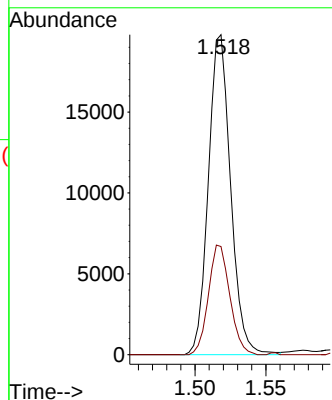
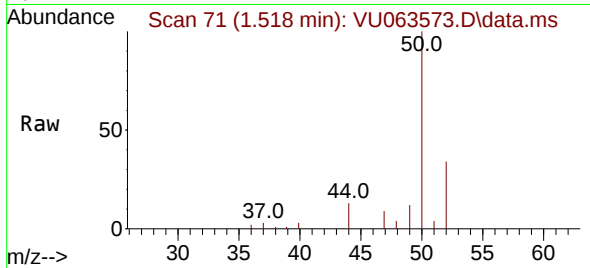




#3
Chloromethane
Concen: 2.020 ug/l
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU063573.D
Acq: 15 Sep 2025 12:07

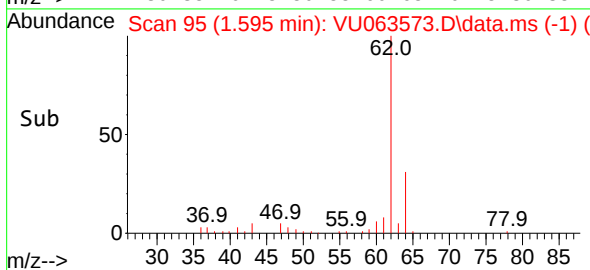
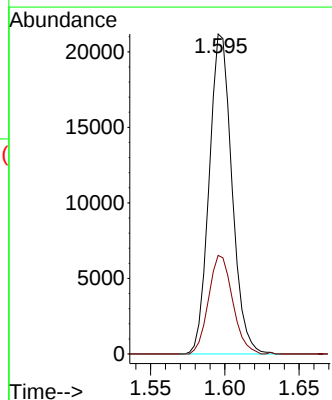
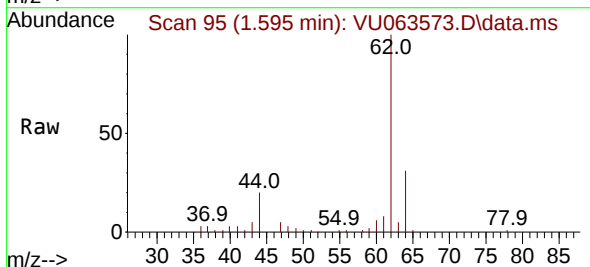
Instrument :
MSVOA_U
ClientSampleId :

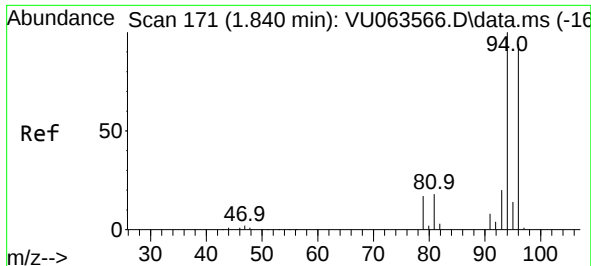
Tgt Ion: 50 Resp: 21602
Ion Ratio Lower Upper
50 100
52 33.8 25.6 38.4



#4
Vinyl Chloride
Concen: 1.947 ug/l
RT: 1.595 min Scan# 95
Delta R.T. -0.003 min
Lab File: VU063573.D
Acq: 15 Sep 2025 12:07

Tgt Ion: 62 Resp: 22559
Ion Ratio Lower Upper
62 100
64 30.8 25.5 38.3

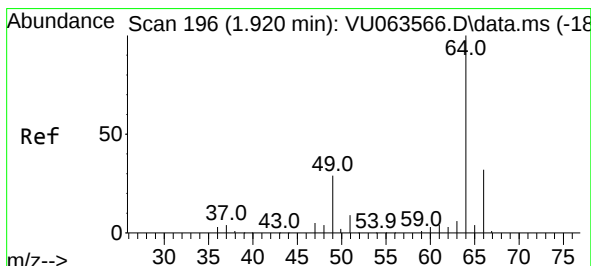
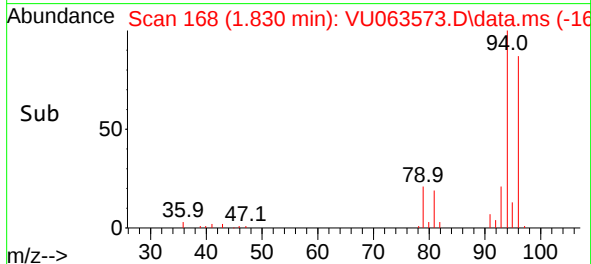
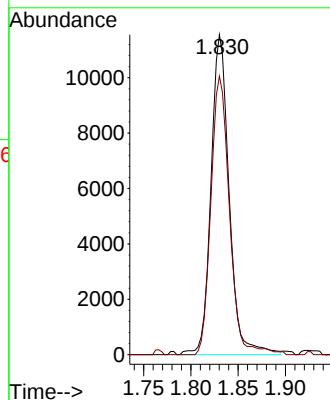
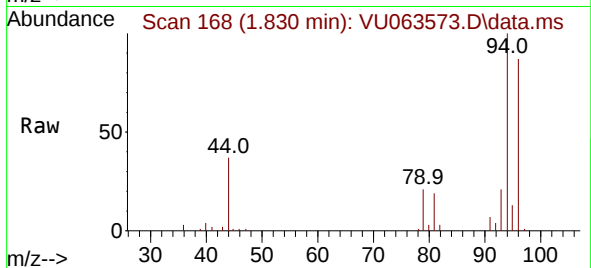




#5
Bromomethane
Concen: 2.160 ug/l
RT: 1.830 min Scan# 1
Delta R.T. -0.010 min
Lab File: VU063573.D
Acq: 15 Sep 2025 12:07

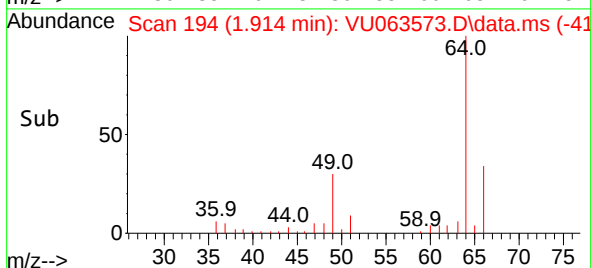
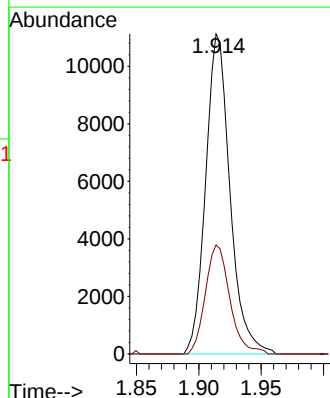
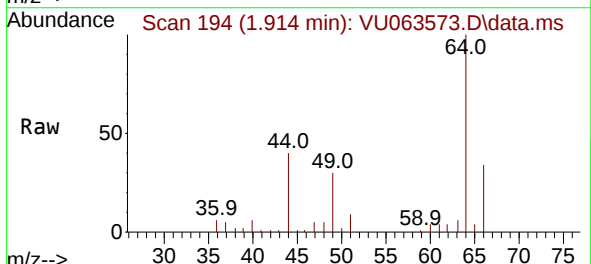
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MSVOA_U
ClientSampleId :

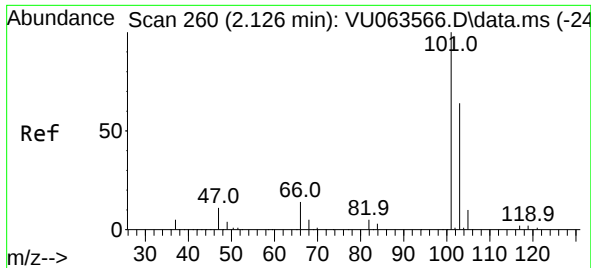
Tgt Ion: 94 Resp: 15449
Ion Ratio Lower Upper
94 100
96 87.1 75.1 112.7



#6
Chloroethane
Concen: 2.028 ug/l
RT: 1.914 min Scan# 194
Delta R.T. -0.007 min
Lab File: VU063573.D
Acq: 15 Sep 2025 12:07

Tgt Ion: 64 Resp: 15107
Ion Ratio Lower Upper
64 100
66 34.1 25.4 38.0

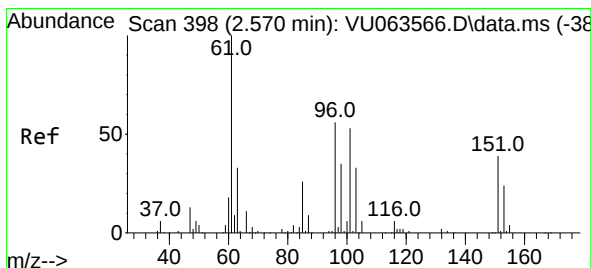
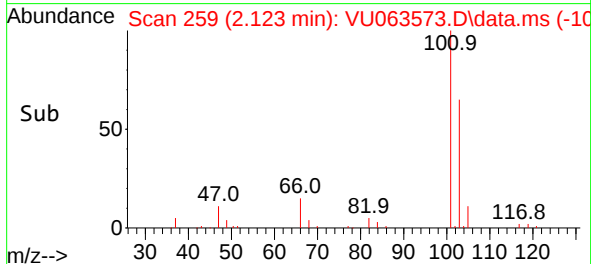
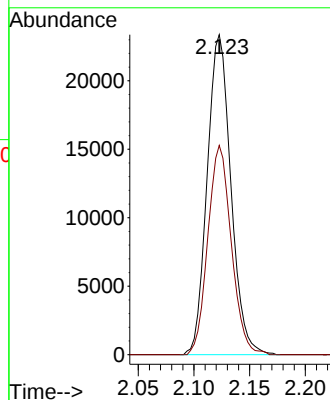
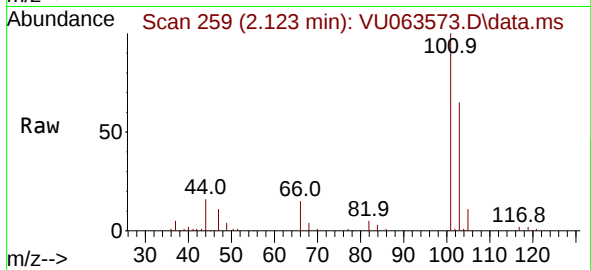




#7
 Trichlorofluoromethane
 Concen: 2.036 ug/l
 RT: 2.123 min Scan# 210
 Delta R.T. -0.003 min
 Lab File: VU063573.D
 Acq: 15 Sep 2025 12:07

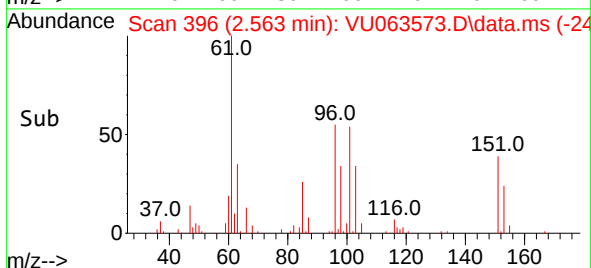
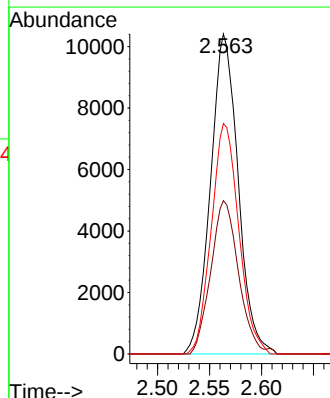
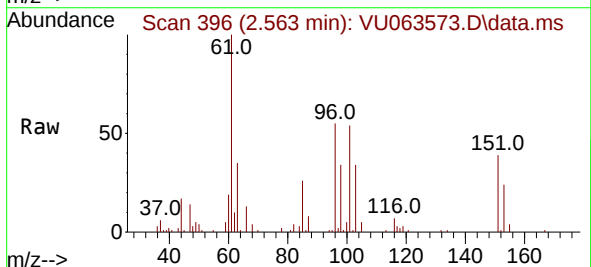
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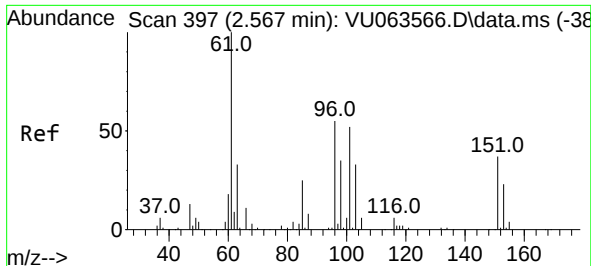
Tgt Ion:101 Resp: 34616
 Ion Ratio Lower Upper
 101 100
 103 65.4 50.8 76.2



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.020 ug/l
 RT: 2.563 min Scan# 396
 Delta R.T. -0.007 min
 Lab File: VU063573.D
 Acq: 15 Sep 2025 12:07

Tgt Ion:101 Resp: 19229
 Ion Ratio Lower Upper
 101 100
 85 48.3 38.7 58.1
 151 71.7 58.2 87.2

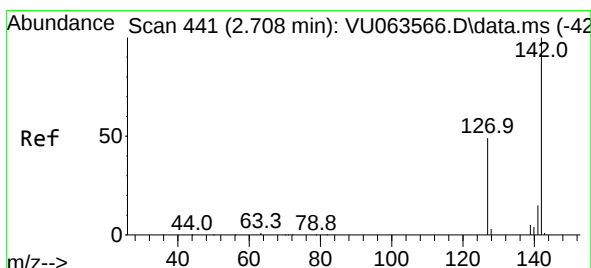
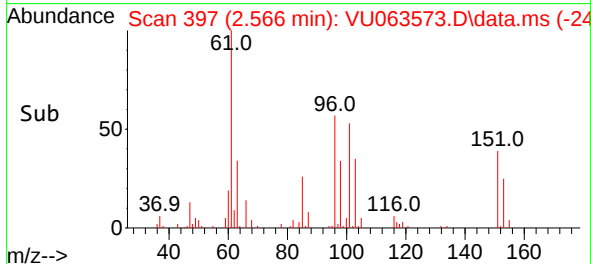
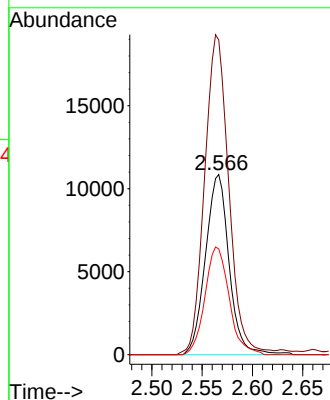
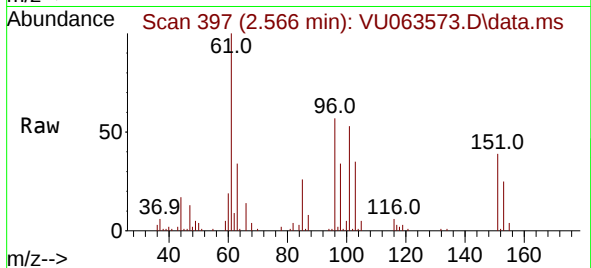




#9
 1,1-Dichloroethene
 Concen: 2.056 ug/l
 RT: 2.566 min Scan# 397
 Delta R.T. -0.000 min
 Lab File: VU063573.D
 Acq: 15 Sep 2025 12:07

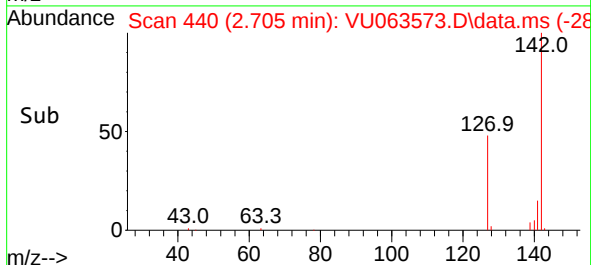
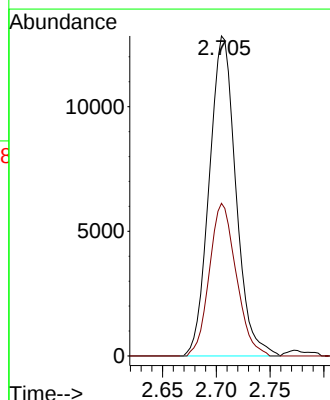
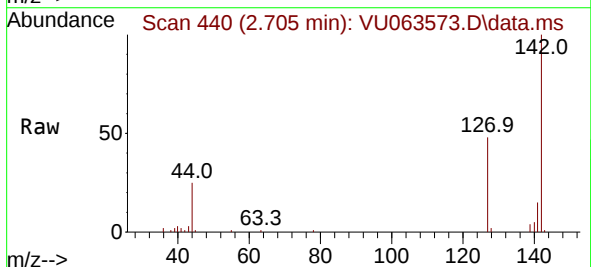
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 ClientSampleId :

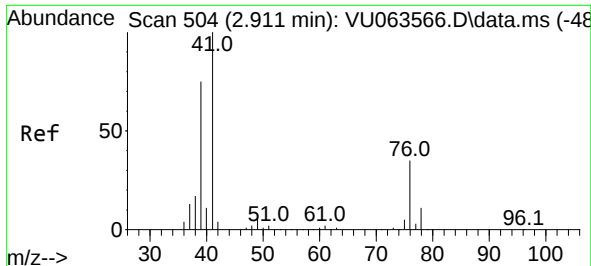
Tgt Ion: 96 Resp: 17726
 Ion Ratio Lower Upper
 96 100
 61 173.7 0.0 543.9
 98 58.7 0.0 125.8



#10
 Iodomethane
 Concen: 1.783 ug/l
 RT: 2.705 min Scan# 440
 Delta R.T. -0.003 min
 Lab File: VU063573.D
 Acq: 15 Sep 2025 12:07

Tgt Ion: 142 Resp: 22115
 Ion Ratio Lower Upper
 142 100
 127 48.1 38.6 58.0





#11

Allyl Chloride

Concen: 2.016 ug/l

RT: 2.907 min Scan# 504

Delta R.T. -0.003 min

Lab File: VU063573.D

Acq: 15 Sep 2025 12:07

Instrument :

MSVOA_U

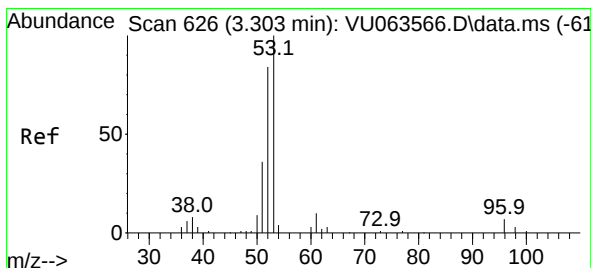
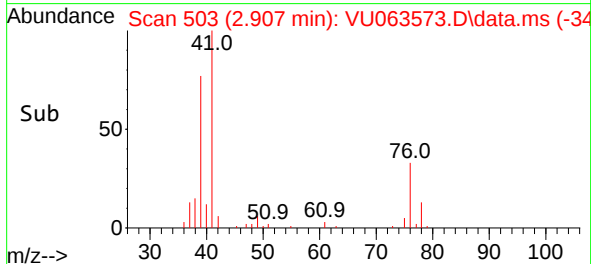
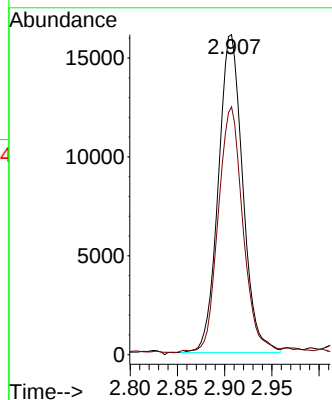
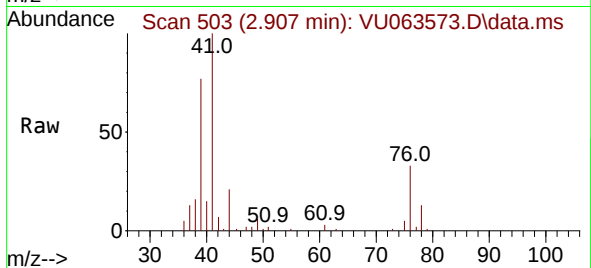
ClientSampleId :

Tgt Ion: 41 Resp: 28901

Ion Ratio Lower Upper

41 100

39 76.4 61.2 91.8



#12

Acrylonitrile

Concen: 4.105 ug/l

RT: 3.306 min Scan# 627

Delta R.T. 0.003 min

Lab File: VU063573.D

Acq: 15 Sep 2025 12:07

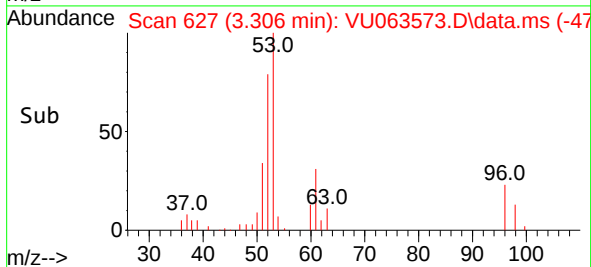
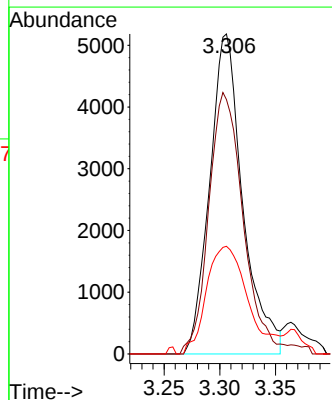
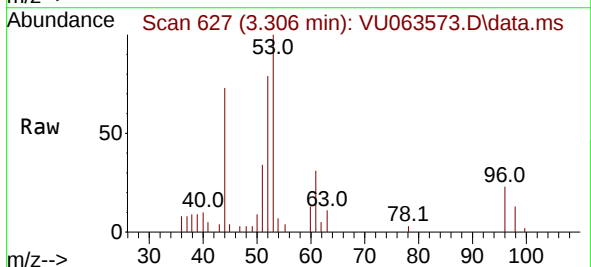
Tgt Ion: 53 Resp: 10713

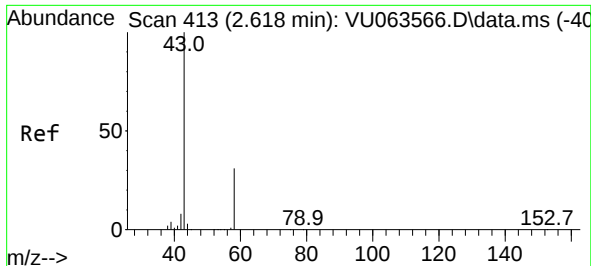
Ion Ratio Lower Upper

53 100

52 86.3 65.0 97.4

51 42.2 31.2 46.8





#13

Acetone

Concen: 12.531 ug/l

RT: 2.618 min Scan# 413

Delta R.T. -0.000 min

Lab File: VU063573.D

Acq: 15 Sep 2025 12:07

Instrument :

MSVOA_U

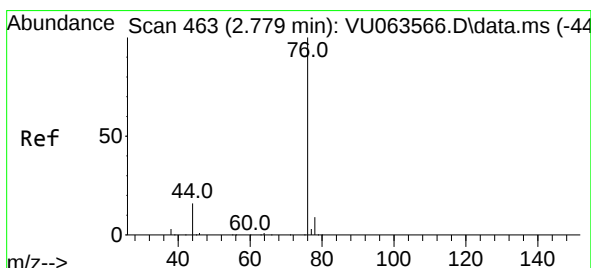
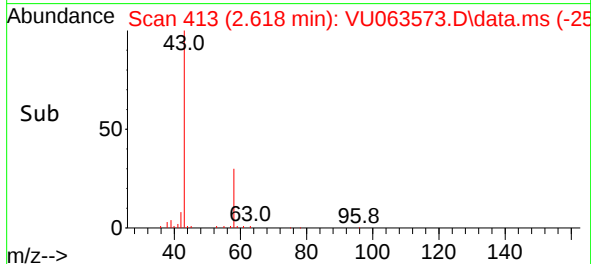
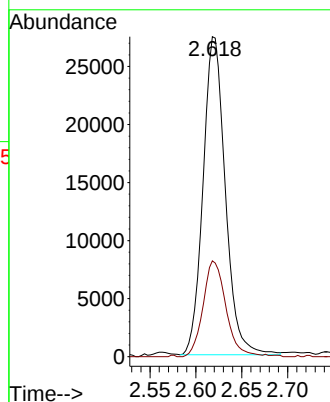
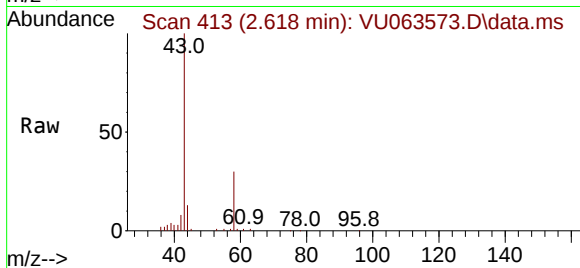
ClientSampleId :

Tgt Ion: 43 Resp: 46297

Ion Ratio Lower Upper

43 100

58 30.1 24.7 37.1



#14

Carbon Disulfide

Concen: 1.871 ug/l

RT: 2.775 min Scan# 462

Delta R.T. -0.003 min

Lab File: VU063573.D

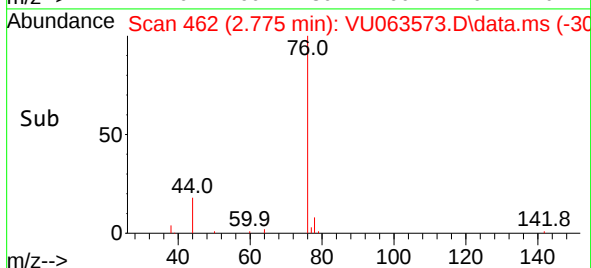
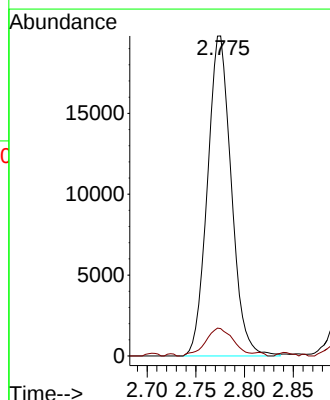
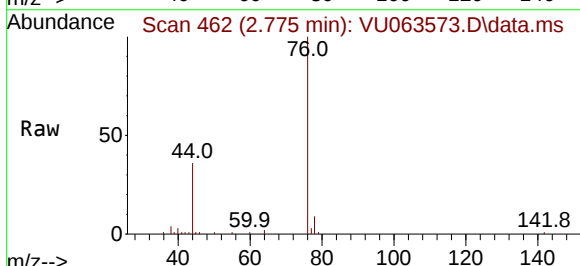
Acq: 15 Sep 2025 12:07

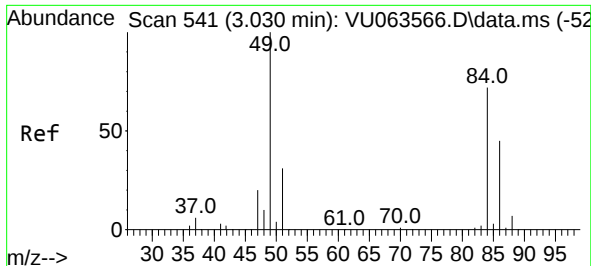
Tgt Ion: 76 Resp: 33709

Ion Ratio Lower Upper

76 100

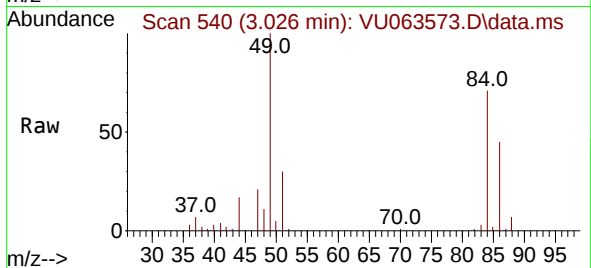
78 8.6 7.3 10.9



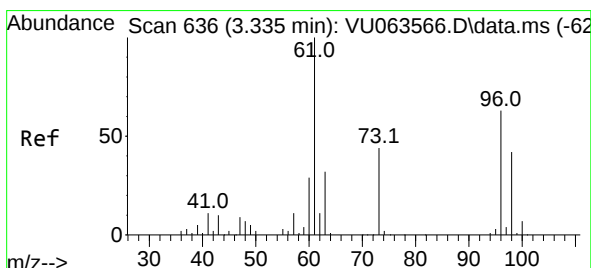
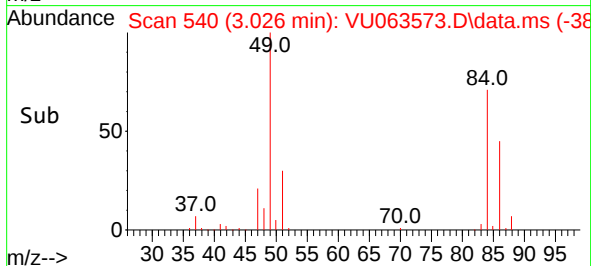
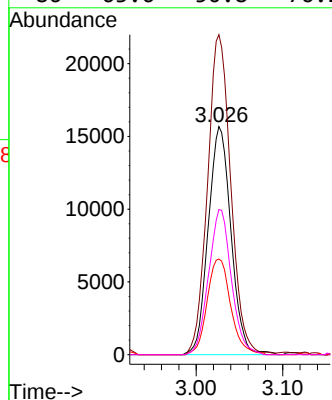


#15
Methylene Chloride
Concen: 2.514 ug/l
RT: 3.026 min Scan# 541
Delta R.T. -0.003 min
Lab File: VU063573.D
Acq: 15 Sep 2025 12:07

Instrument :
MSVOA_U
ClientSampleId :

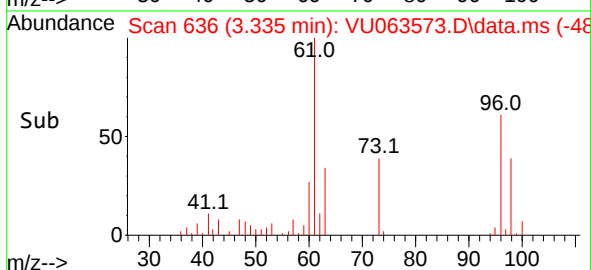
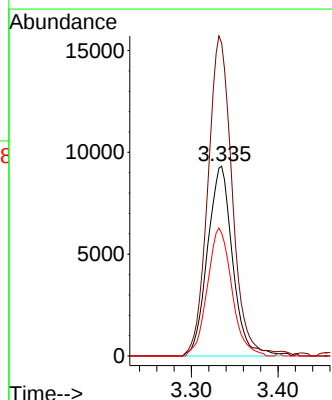
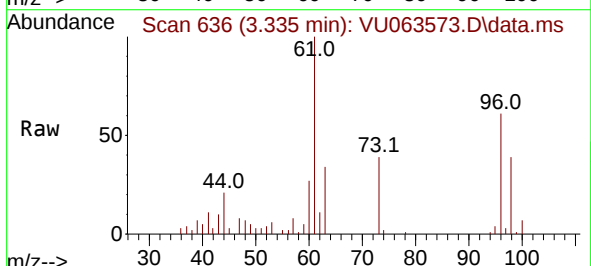


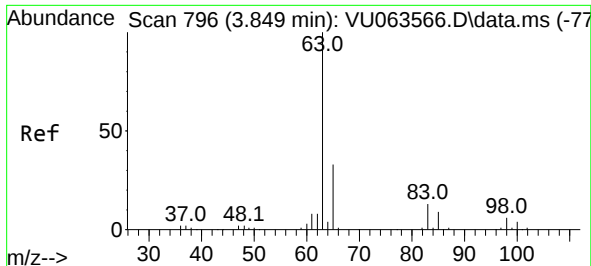
Tgt Ion: 84 Resp: 28642
Ion Ratio Lower Upper
84 100
49 140.2 111.8 167.6
51 42.0 0.0 86.0
86 63.6 50.8 76.2



#16
trans-1,2-Dichloroethene
Concen: 2.042 ug/l
RT: 3.335 min Scan# 636
Delta R.T. -0.000 min
Lab File: VU063573.D
Acq: 15 Sep 2025 12:07

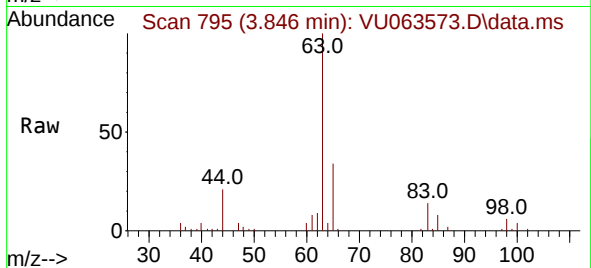
Tgt Ion: 96 Resp: 18757
Ion Ratio Lower Upper
96 100
61 164.9 127.8 191.6
98 64.7 53.8 80.8



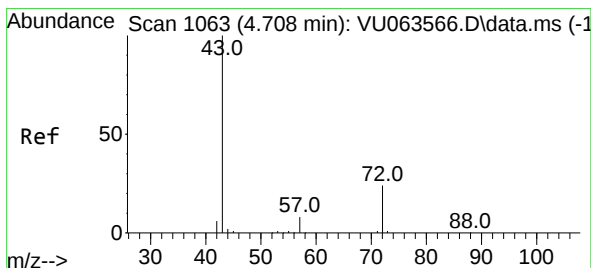
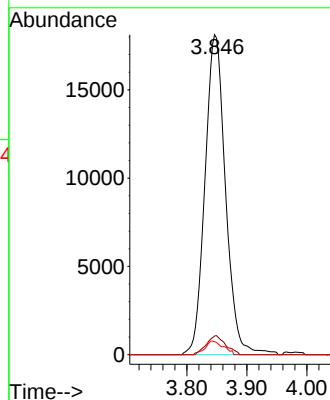
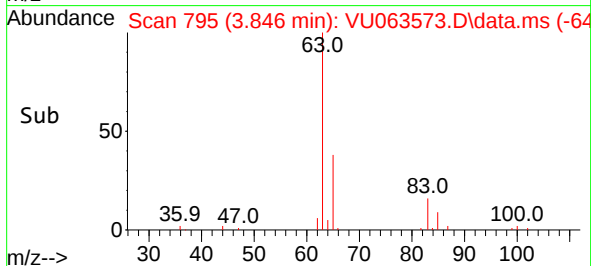


#17
 1,1-Dichloroethane
 Concen: 2.058 ug/l
 RT: 3.846 min Scan# 796
 Delta R.T. -0.003 min
 Lab File: VU063573.D
 Acq: 15 Sep 2025 12:07

Instrument :
 MSVOA_U
 ClientSampleId :

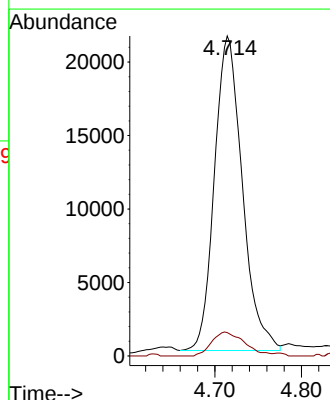
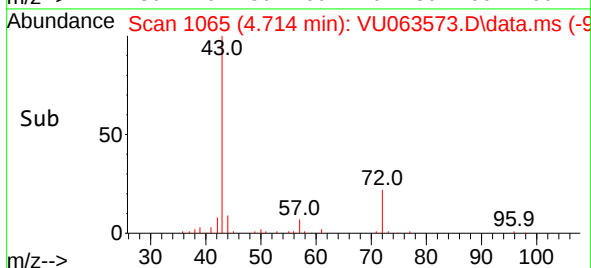
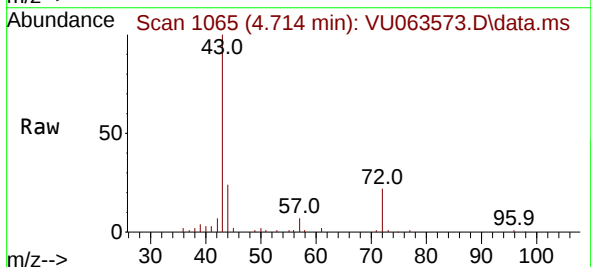


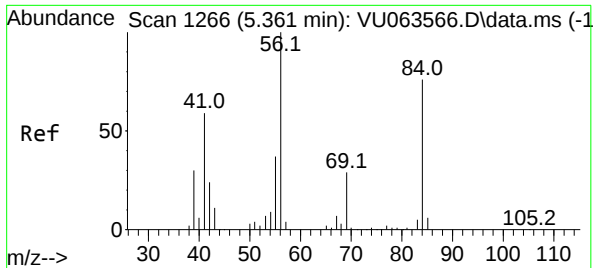
Tgt Ion: 63 Resp: 43310
 Ion Ratio Lower Upper
 63 100
 98 5.8 2.9 8.8
 100 4.1 2.0 5.8



#18
 2-Butanone
 Concen: 11.377 ug/l
 RT: 4.714 min Scan# 1065
 Delta R.T. 0.006 min
 Lab File: VU063573.D
 Acq: 15 Sep 2025 12:07

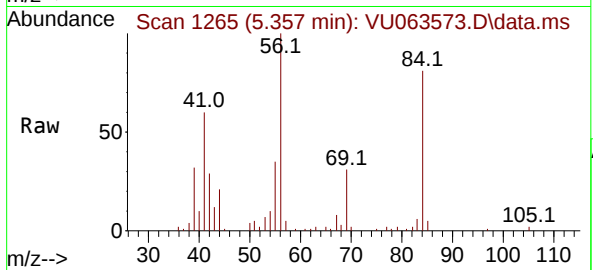
Tgt Ion: 43 Resp: 47871
 Ion Ratio Lower Upper
 43 100
 57 7.4 0.0 15.8



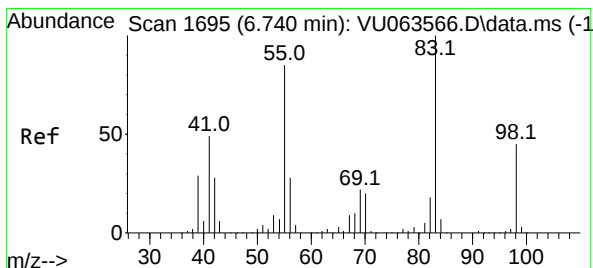
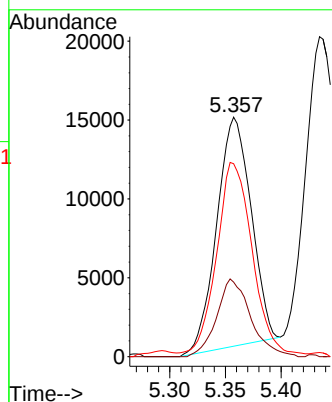
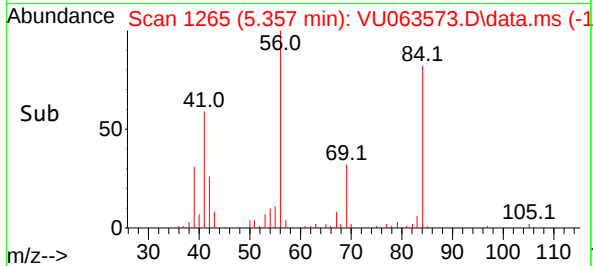


#19
Cyclohexane
Concen: 1.855 ug/l
RT: 5.357 min Scan# 1265
Delta R.T. -0.003 min
Lab File: VU063573.D
Acq: 15 Sep 2025 12:07

Instrument :
MSVOA_U
ClientSampleId :

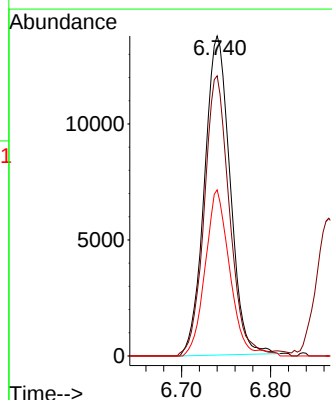
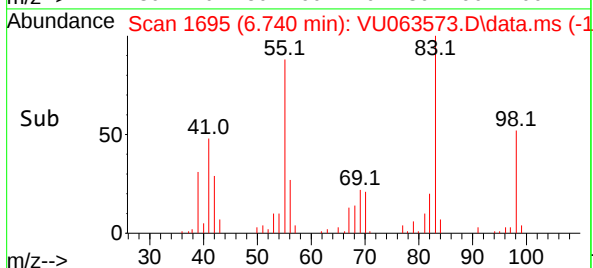
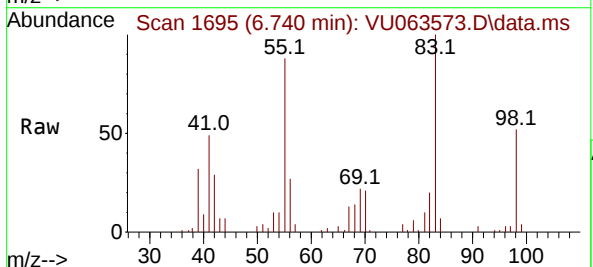


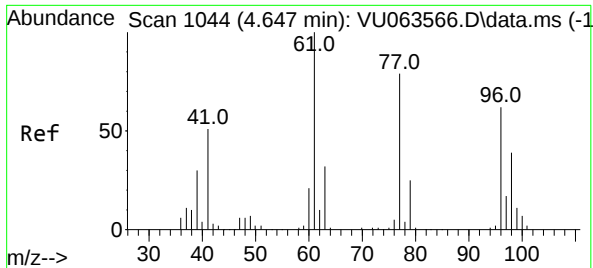
Tgt Ion: 56 Resp: 31259
Ion Ratio Lower Upper
56 100
69 33.5 22.7 34.1
84 84.3 59.4 89.0



#20
Methylcyclohexane
Concen: 1.781 ug/l
RT: 6.740 min Scan# 1695
Delta R.T. -0.000 min
Lab File: VU063573.D
Acq: 15 Sep 2025 12:07

Tgt Ion: 83 Resp: 27518
Ion Ratio Lower Upper
83 100
55 84.0 66.7 100.1
98 50.0 35.9 53.9

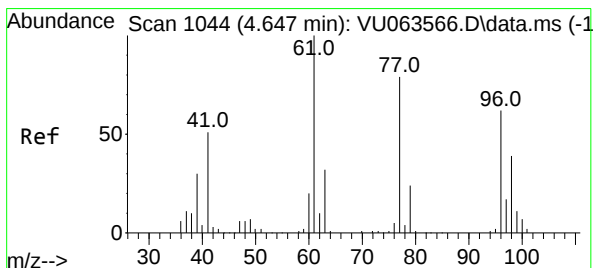
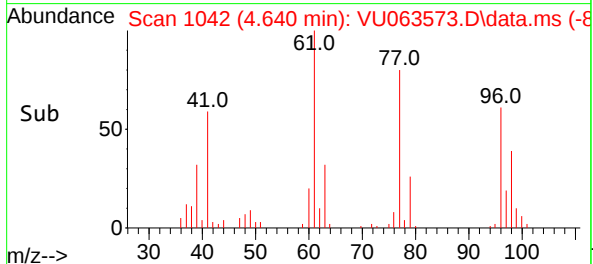
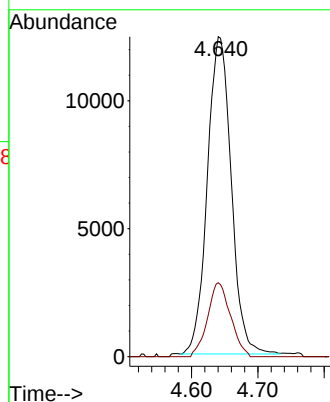
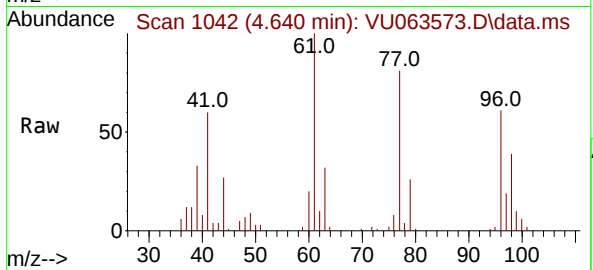




#21
2,2-Dichloropropane
Concen: 1.993 ug/l
RT: 4.640 min Scan# 1042
Delta R.T. -0.007 min
Lab File: VU063573.D
Acq: 15 Sep 2025 12:07

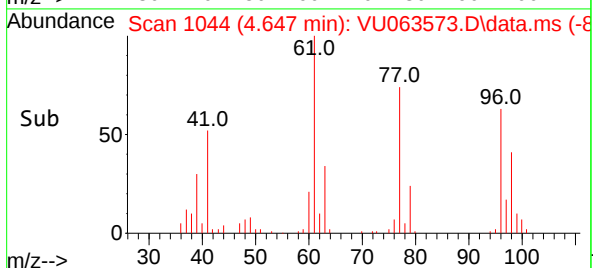
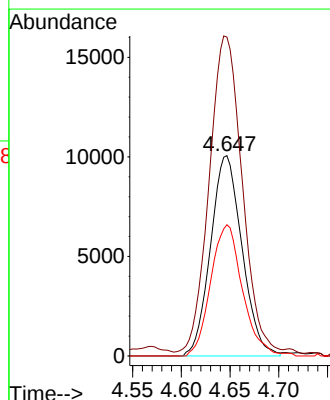
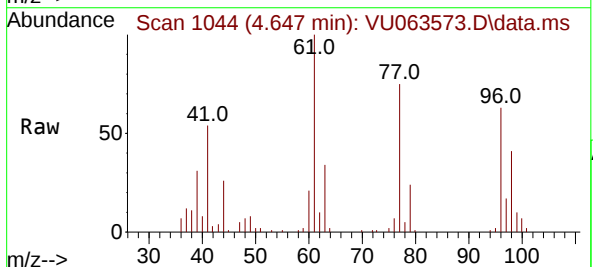
Instrument :
MSVOA_U
ClientSampleId :

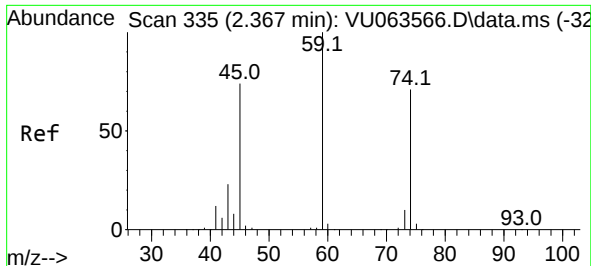
Tgt Ion: 77 Resp: 31022
Ion Ratio Lower Upper
77 100
97 22.4 17.5 26.3



#22
cis-1,2-Dichloroethene
Concen: 2.003 ug/l
RT: 4.647 min Scan# 1044
Delta R.T. -0.000 min
Lab File: VU063573.D
Acq: 15 Sep 2025 12:07

Tgt Ion: 96 Resp: 22591
Ion Ratio Lower Upper
96 100
61 164.8 0.0 411.0
98 66.2 31.9 95.9

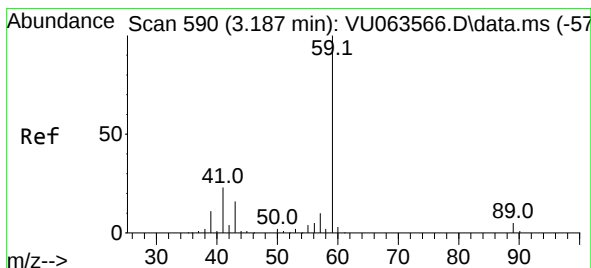
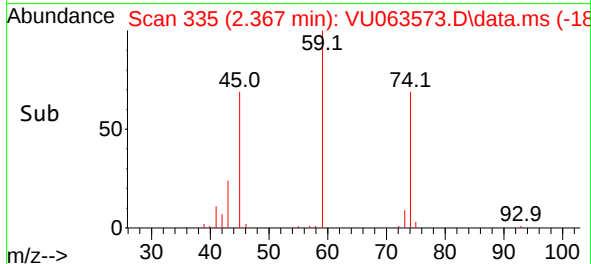
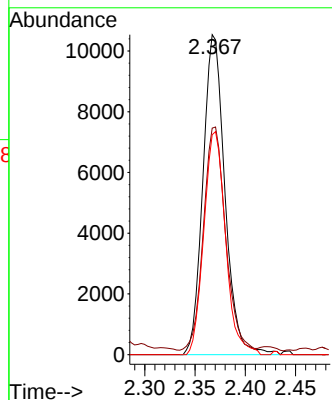
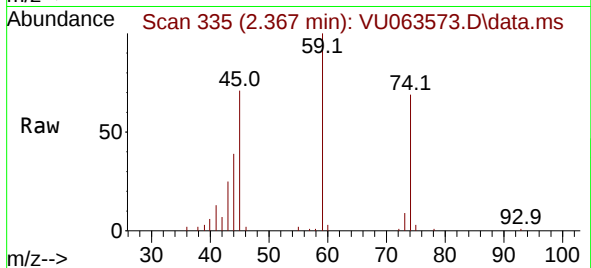




#23
Diethyl Ether
Concen: 2.097 ug/l
RT: 2.367 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU063573.D
Acq: 15 Sep 2025 12:07

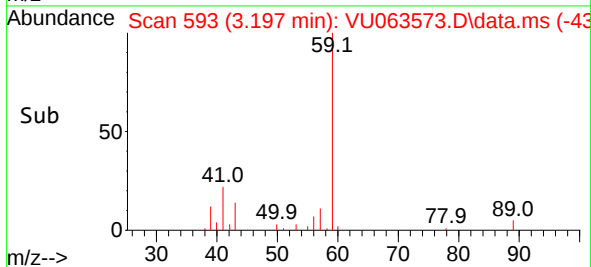
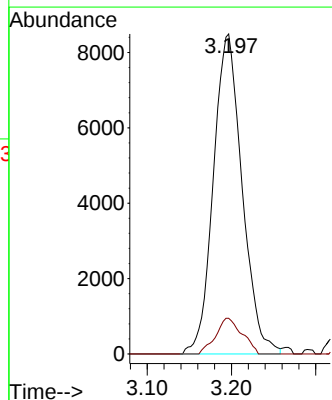
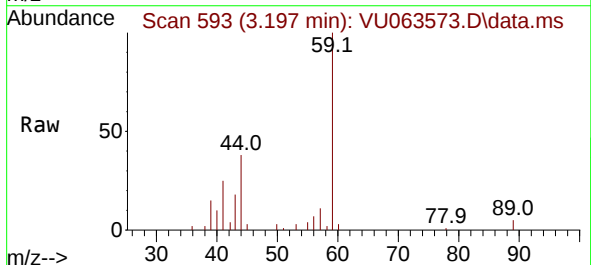
Instrument :
MSVOA_U
ClientSampleId :

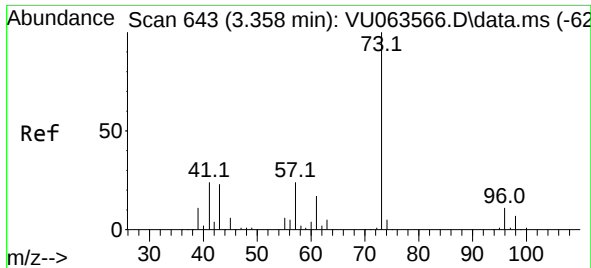
Tgt Ion: 59 Resp: 16028
Ion Ratio Lower Upper
59 100
45 69.9 59.0 88.6
74 68.9 57.8 86.6



#24
tert-Butyl Alcohol
Concen: 19.866 ug/l
RT: 3.197 min Scan# 593
Delta R.T. 0.010 min
Lab File: VU063573.D
Acq: 15 Sep 2025 12:07

Tgt Ion: 59 Resp: 20122
Ion Ratio Lower Upper
59 100
57 10.2 8.6 12.8

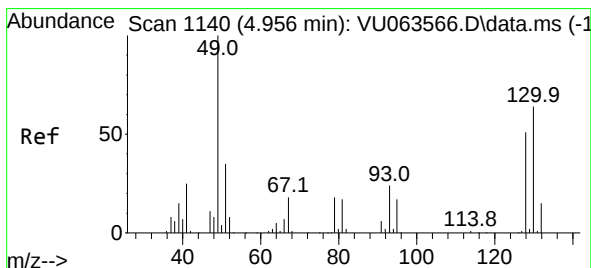
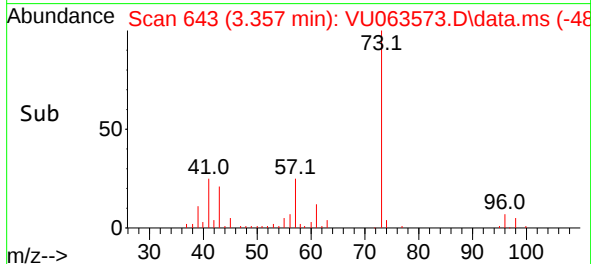
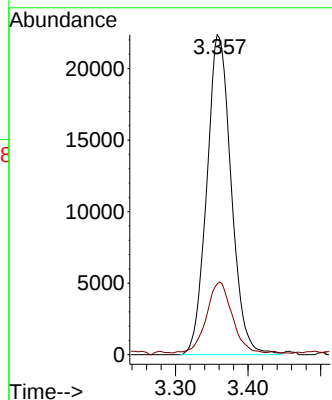
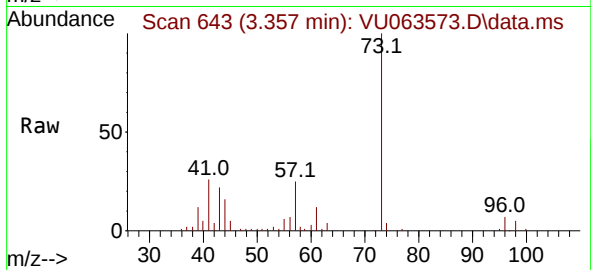




#25
Methyl tert-Butyl Ether
Concen: 2.029 ug/l
RT: 3.357 min Scan# 64
Delta R.T. -0.000 min
Lab File: VU063573.D
Acq: 15 Sep 2025 12:07

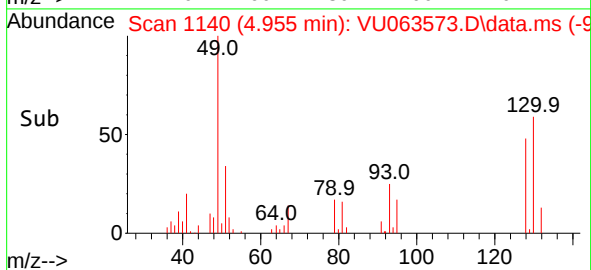
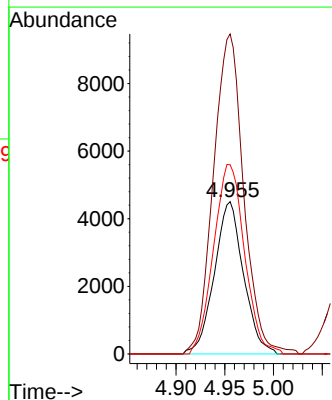
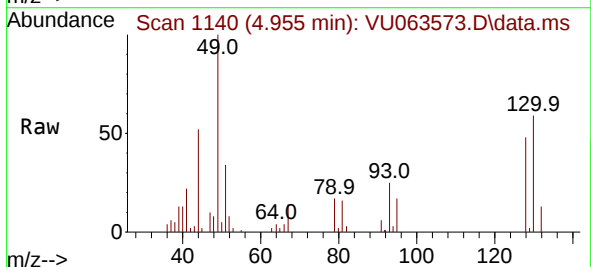
Instrument :
MSVOA_U
ClientSampleId :

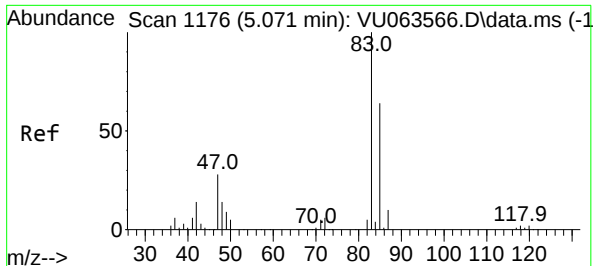
Tgt Ion: 73 Resp: 52251
Ion Ratio Lower Upper
73 100
43 23.8 18.1 27.1



#26
Bromochloromethane
Concen: 2.058 ug/l
RT: 4.955 min Scan# 1140
Delta R.T. -0.000 min
Lab File: VU063573.D
Acq: 15 Sep 2025 12:07

Tgt Ion:128 Resp: 9380
Ion Ratio Lower Upper
128 100
49 217.7 0.0 410.2
130 132.3 103.4 155.0





#27

Chloroform

Concen: 1.999 ug/l

RT: 5.071 min Scan# 1176

Delta R.T. -0.000 min

Lab File: VU063573.D

Acq: 15 Sep 2025 12:07

Instrument :

MSVOA_U

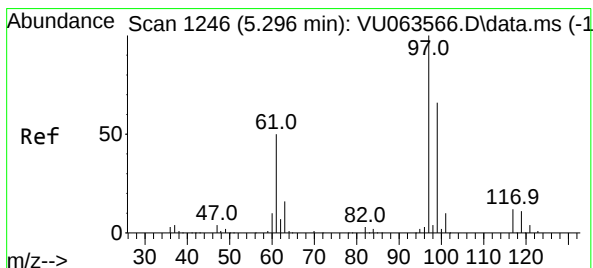
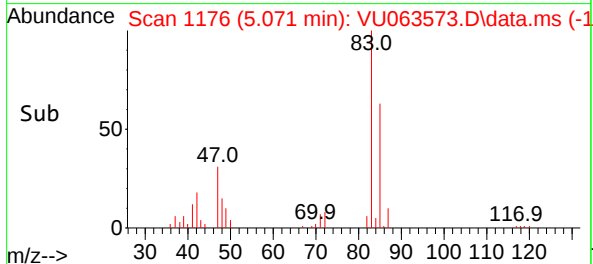
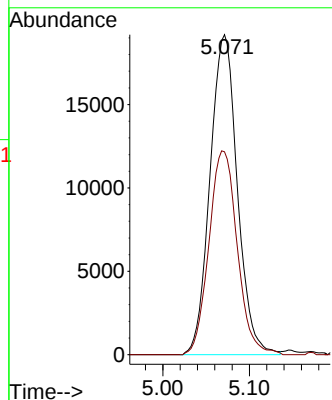
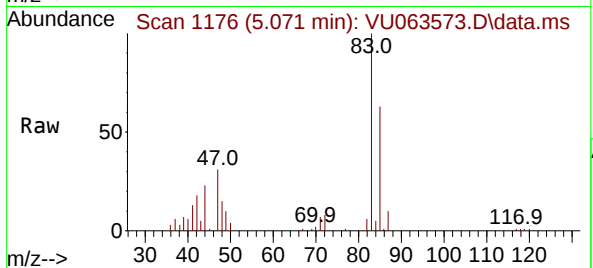
ClientSampleId :

Tgt Ion: 83 Resp: 42088

Ion Ratio Lower Upper

83 100

85 63.4 0.0 128.6



#28

1,1,1-Trichloroethane

Concen: 2.022 ug/l

RT: 5.293 min Scan# 1245

Delta R.T. -0.003 min

Lab File: VU063573.D

Acq: 15 Sep 2025 12:07

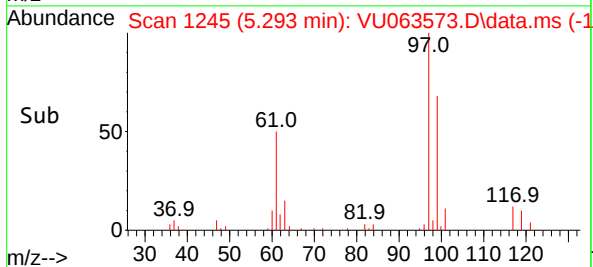
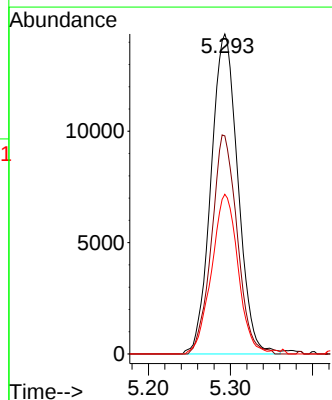
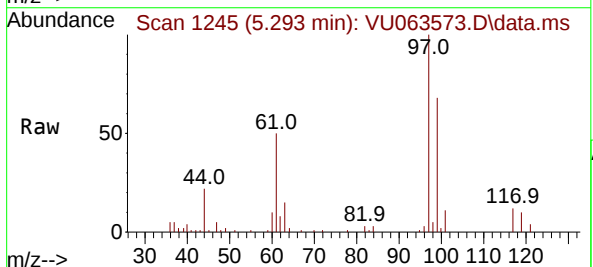
Tgt Ion: 97 Resp: 32735

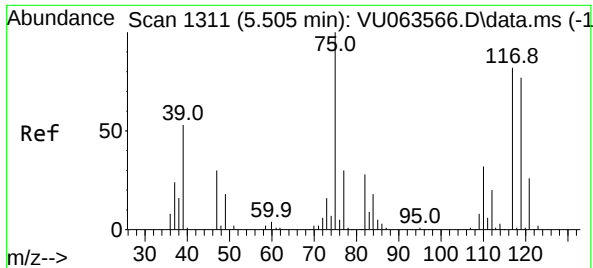
Ion Ratio Lower Upper

97 100

99 65.1 32.4 97.0

61 49.1 25.1 75.4

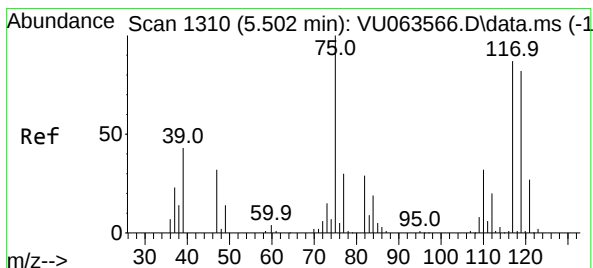
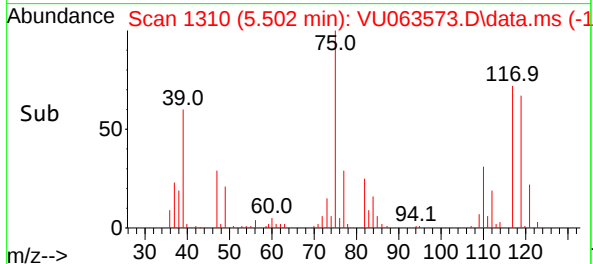
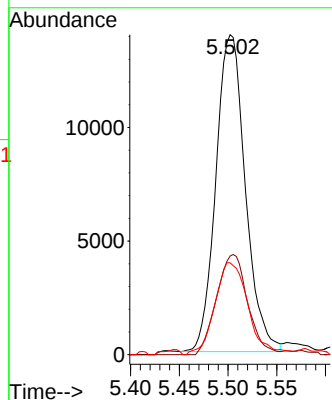
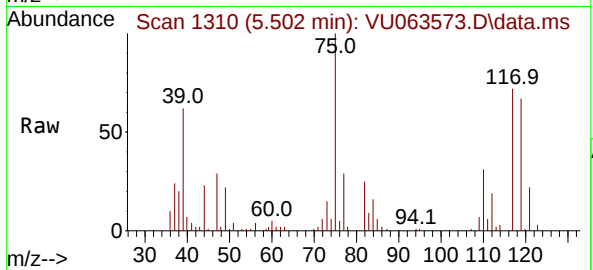




#29
1,1-Dichloropropene
Concen: 1.952 ug/l
RT: 5.502 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU063573.D
Acq: 15 Sep 2025 12:07

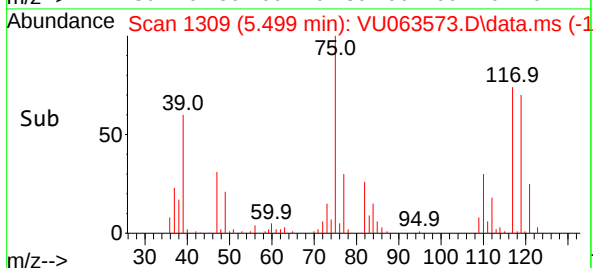
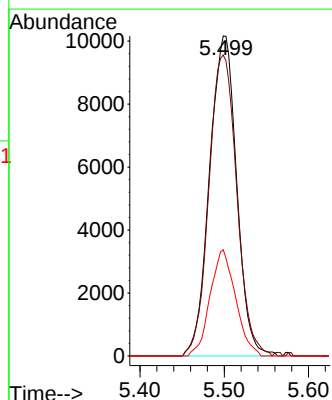
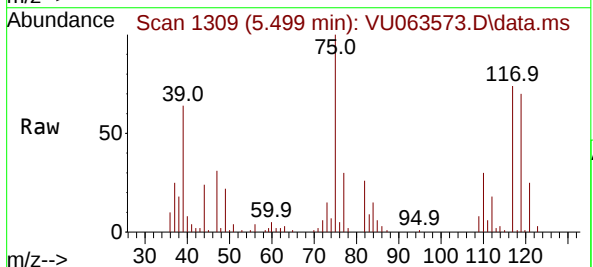
Instrument :
MSVOA_U
ClientSampleId :

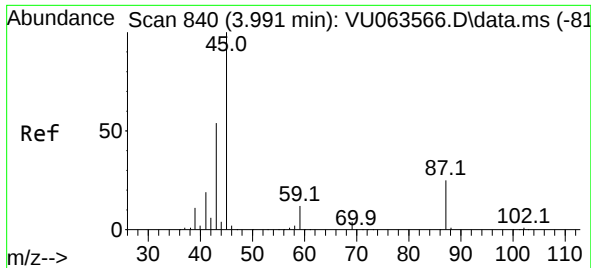
Tgt Ion: 75 Resp: 29353
Ion Ratio Lower Upper
75 100
110 33.4 16.4 49.4
77 32.9 24.6 37.0



#30
Carbon Tetrachloride
Concen: 1.910 ug/l
RT: 5.499 min Scan# 1309
Delta R.T. -0.003 min
Lab File: VU063573.D
Acq: 15 Sep 2025 12:07

Tgt Ion: 117 Resp: 22767
Ion Ratio Lower Upper
117 100
119 94.1 75.7 113.5
121 33.2 25.4 38.0

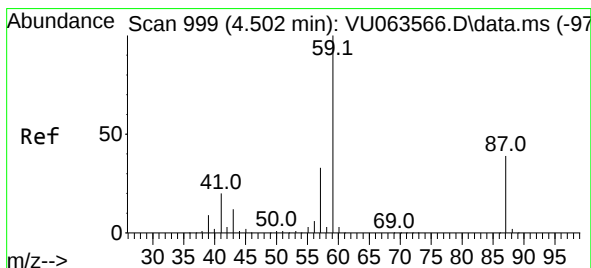
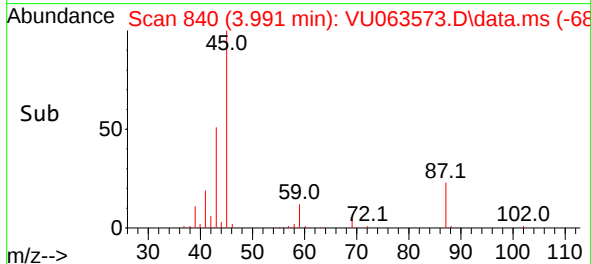
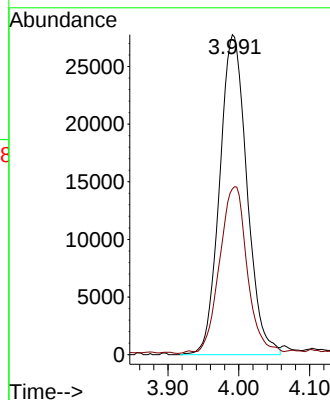
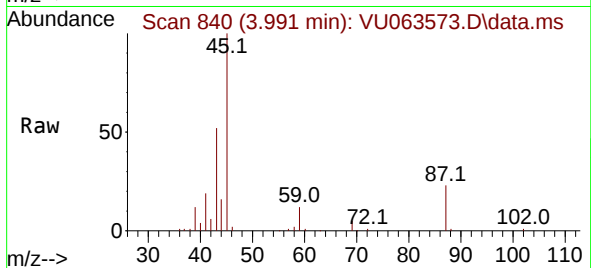




#31
Isopropyl Ether
Concen: 2.104 ug/l
RT: 3.991 min Scan# 840
Delta R.T. -0.000 min
Lab File: VU063573.D
Acq: 15 Sep 2025 12:07

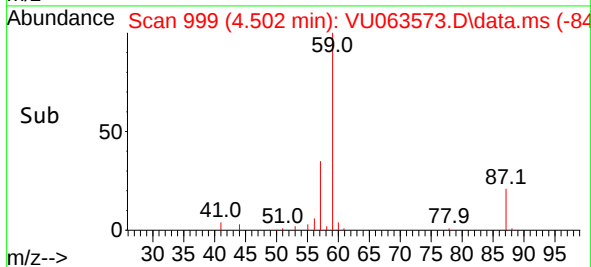
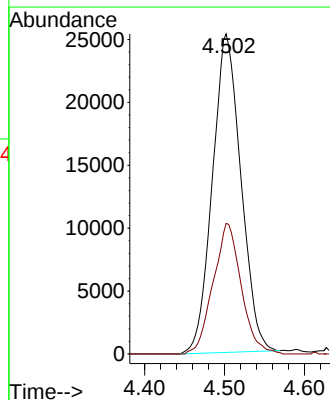
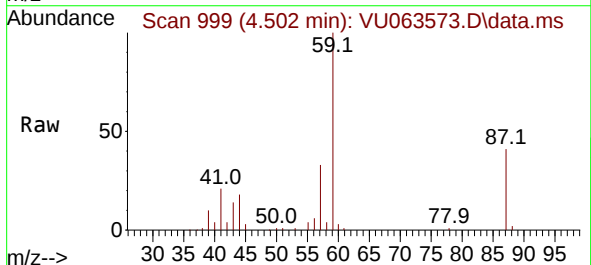
Instrument :
MSVOA_U
ClientSampleId :

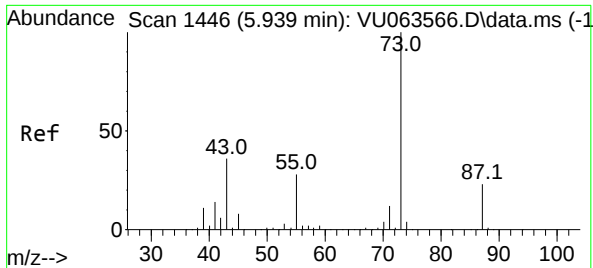
Tgt Ion: 45 Resp: 74221
Ion Ratio Lower Upper
45 100
43 51.0 26.2 78.6



#32
Ethyl-t-butyl ether
Concen: 2.078 ug/l
RT: 4.502 min Scan# 999
Delta R.T. -0.000 min
Lab File: VU063573.D
Acq: 15 Sep 2025 12:07

Tgt Ion: 59 Resp: 62621
Ion Ratio Lower Upper
59 100
87 40.3 31.2 46.8

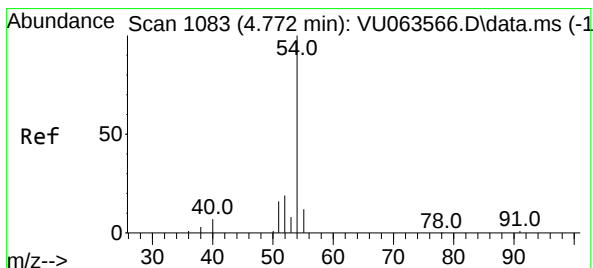
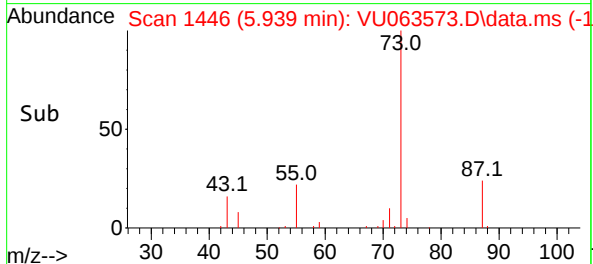
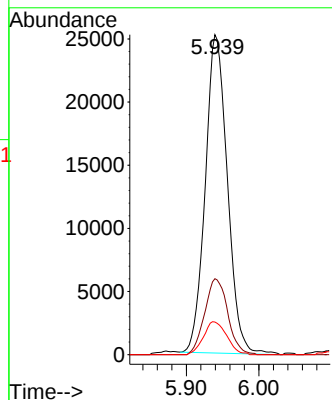
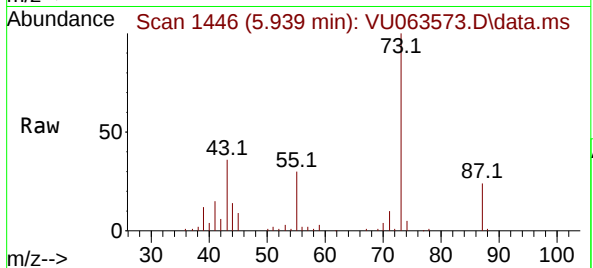




#33
Tert-Amyl methyl ether
Concen: 2.081 ug/l
RT: 5.939 min Scan# 1446
Delta R.T. -0.000 min
Lab File: VU063573.D
Acq: 15 Sep 2025 12:07

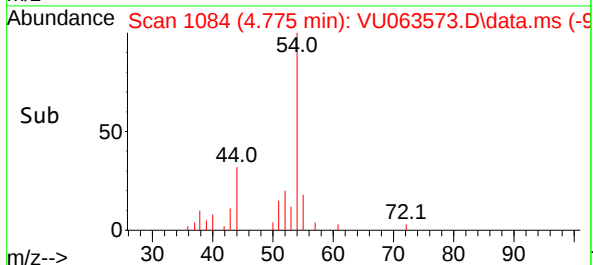
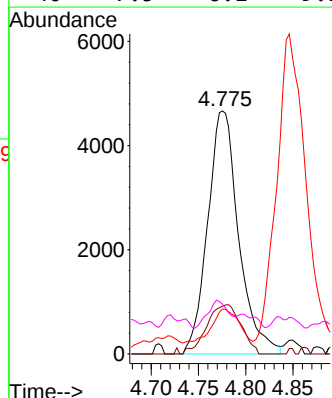
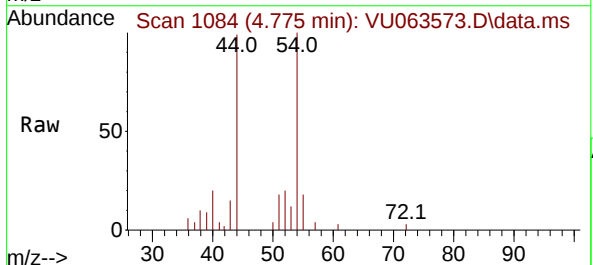
Instrument :
MSVOA_U
ClientSampleId :

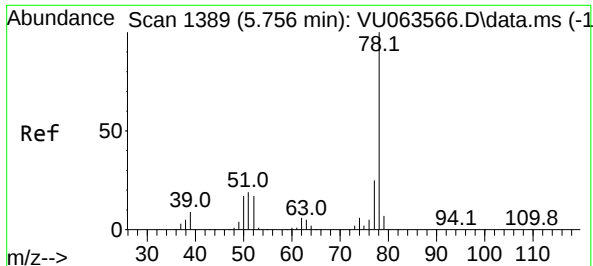
Tgt Ion: 73	Resp: 53431
Ion Ratio	Lower Upper
73	100
87	24.8 19.0 28.6
71	10.9 9.4 14.2



#34
Propionitrile
Concen: 10.799 ug/l
RT: 4.775 min Scan# 1084
Delta R.T. 0.003 min
Lab File: VU063573.D
Acq: 15 Sep 2025 12:07

Tgt Ion: 54	Resp: 10629
Ion Ratio	Lower Upper
54	100
52	22.3 15.2 22.8
55	10.5 11.7 17.5#
40	7.5 6.1 9.1





#35

Benzene

Concen: 2.066 ug/l

RT: 5.753 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU063573.D

Acq: 15 Sep 2025 12:07

Instrument :

MSVOA_U

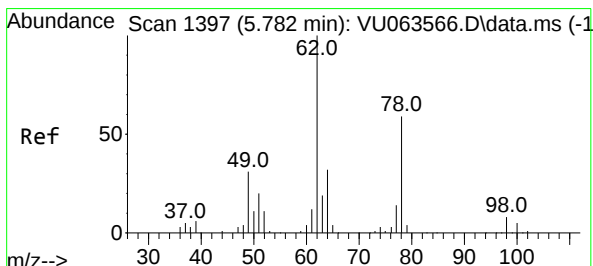
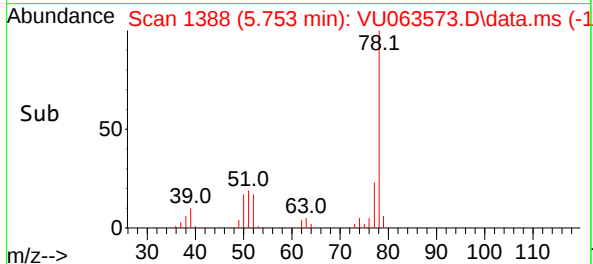
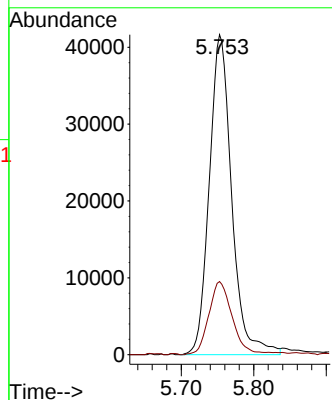
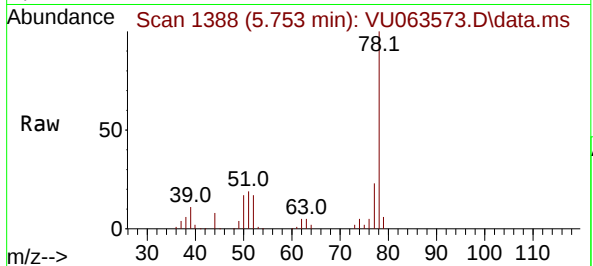
ClientSampleId :

Tgt Ion: 78 Resp: 89454

Ion Ratio Lower Upper

78 100

77 22.8 19.8 29.8



#36

1,2-Dichloroethane

Concen: 2.086 ug/l

RT: 5.782 min Scan# 1397

Delta R.T. -0.000 min

Lab File: VU063573.D

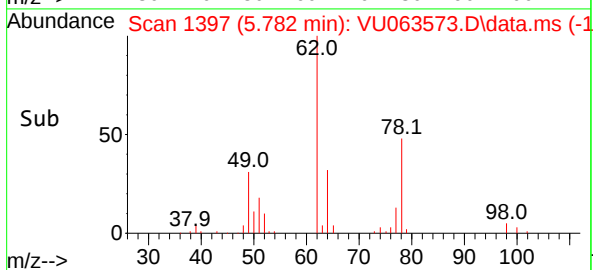
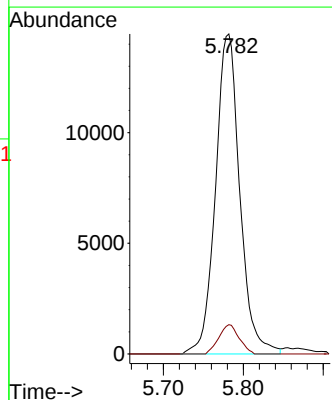
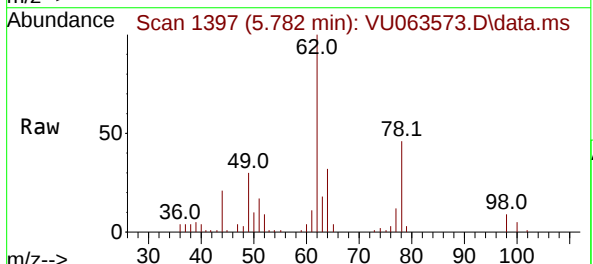
Acq: 15 Sep 2025 12:07

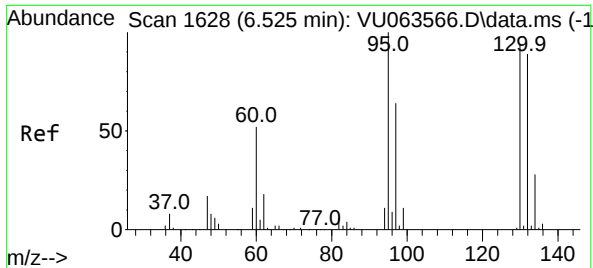
Tgt Ion: 62 Resp: 30481

Ion Ratio Lower Upper

62 100

98 7.6 6.3 9.5





#37

Trichloroethene

Concen: 2.014 ug/l

RT: 6.524 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063573.D

Acq: 15 Sep 2025 12:07

Instrument :

MSVOA_U

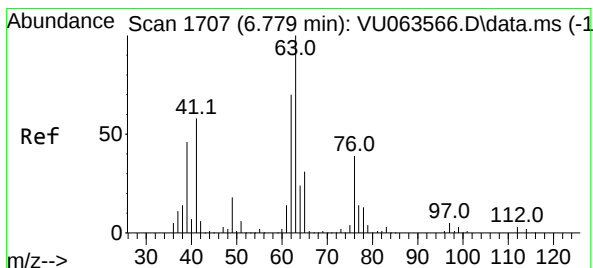
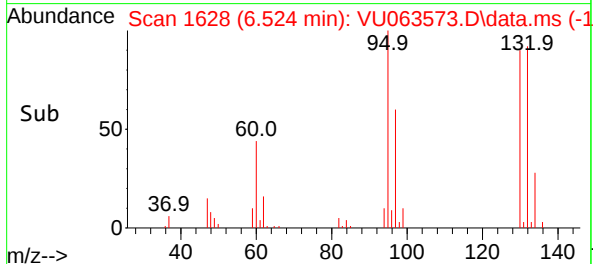
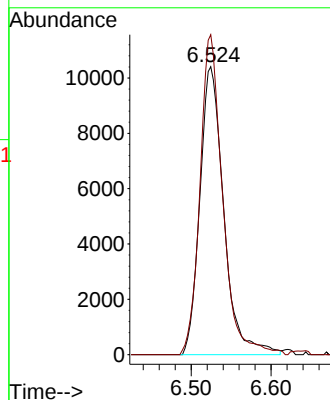
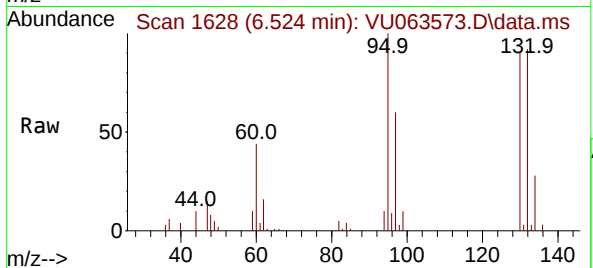
ClientSampleId :

Tgt Ion:130 Resp: 21704

Ion Ratio Lower Upper

130 100

95 111.1 85.4 128.2



#38

1,2-Dichloropropane

Concen: 1.930 ug/l

RT: 6.778 min Scan# 1707

Delta R.T. -0.000 min

Lab File: VU063573.D

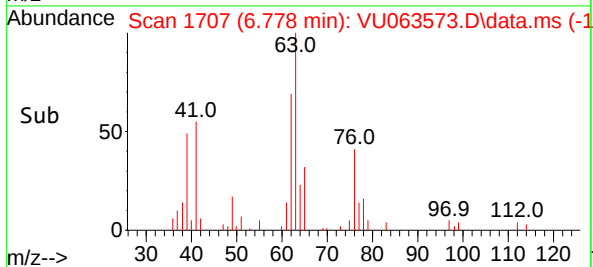
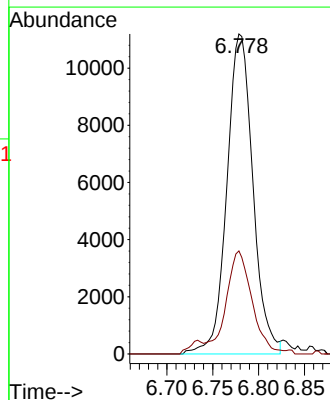
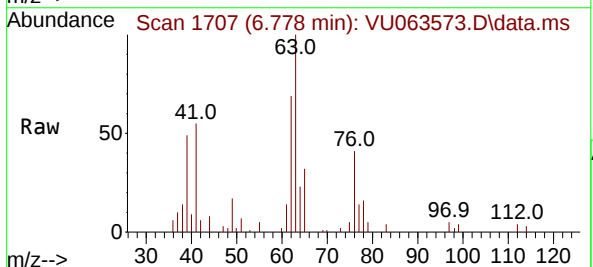
Acq: 15 Sep 2025 12:07

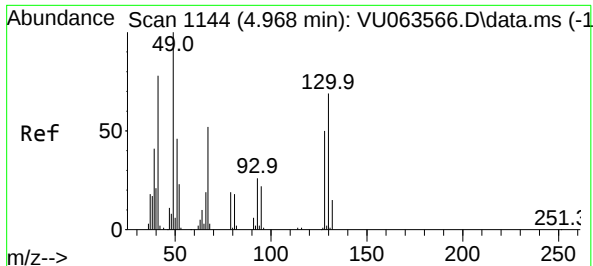
Tgt Ion: 63 Resp: 22137

Ion Ratio Lower Upper

63 100

65 32.2 24.9 37.3

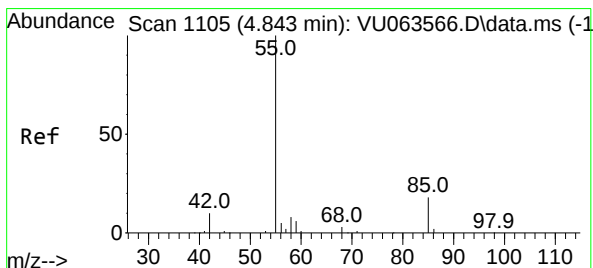
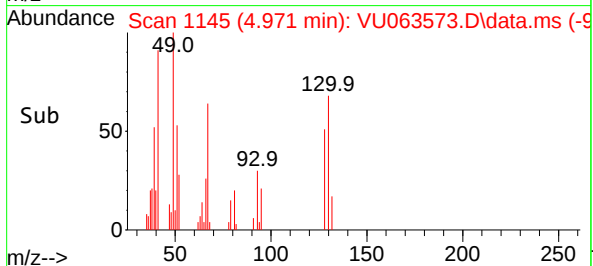
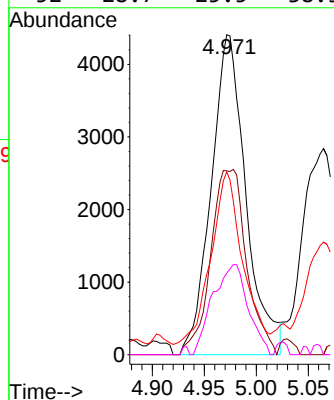
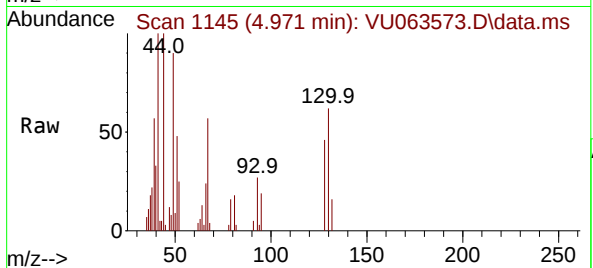




#39
Methacrylonitrile
Concen: 2.202 ug/l
RT: 4.971 min Scan# 1145
Delta R.T. 0.003 min
Lab File: VU063573.D
Acq: 15 Sep 2025 12:07

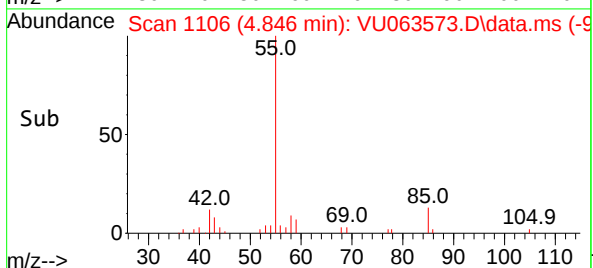
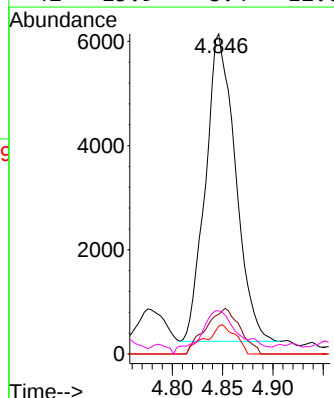
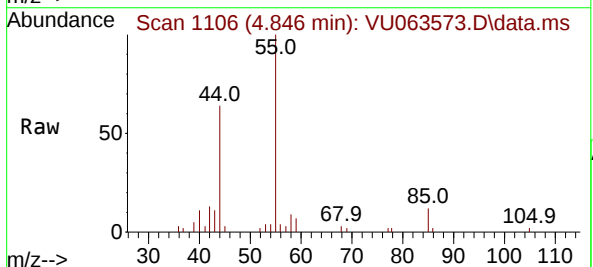
Instrument :
MSVOA_U
ClientSampleId :

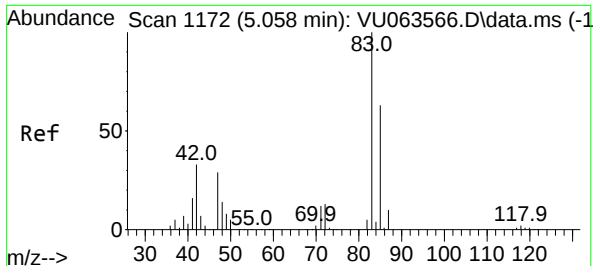
Tgt Ion:	41	Resp:	10232
Ion	Ratio	Lower	Upper
41	100		
67	59.6	57.7	86.5
39	48.5	44.6	67.0
52	28.7	25.5	38.3



#40
Methyl acrylate
Concen: 1.917 ug/l
RT: 4.846 min Scan# 1106
Delta R.T. 0.003 min
Lab File: VU063573.D
Acq: 15 Sep 2025 12:07

Tgt Ion:	55	Resp:	12211
Ion	Ratio	Lower	Upper
55	100		
85	16.9	12.8	19.2
58	9.4	6.6	10.0
42	15.9	8.4	12.6





#41

Tetrahydrofuran

Concen: 4.286 ug/l

RT: 5.062 min Scan# 1172

Delta R.T. 0.003 min

Lab File: VU063573.D

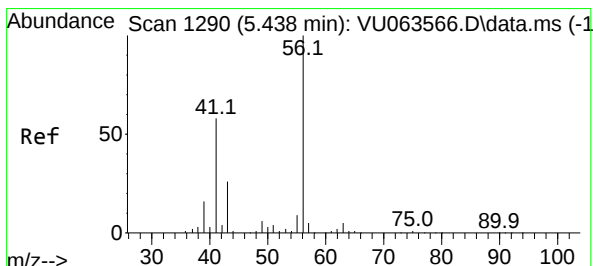
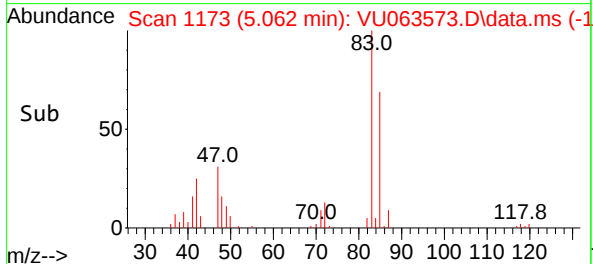
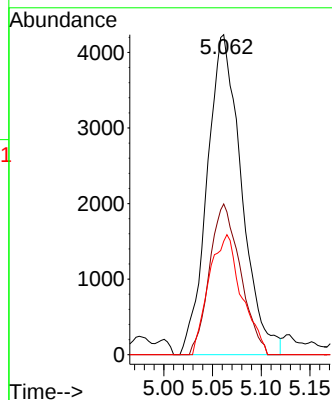
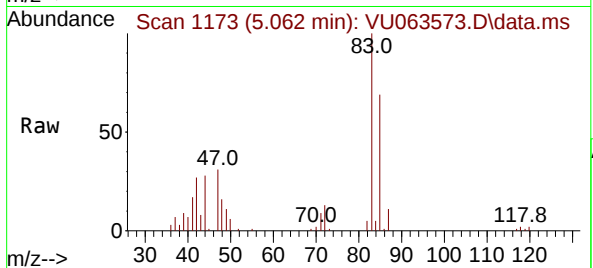
Acq: 15 Sep 2025 12:07

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	42	Resp:	10381
Ion Ratio	Lower	Upper	
42	100		
72	42.4	34.1	51.1
71	35.6	29.9	44.9



#42

1-Chlorobutane

Concen: 2.117 ug/l

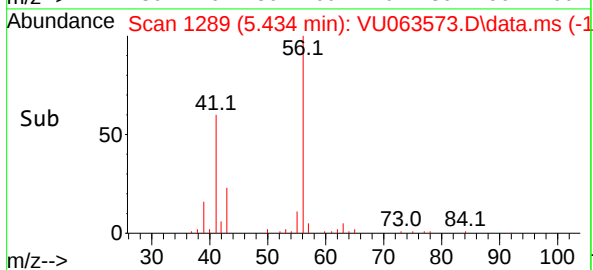
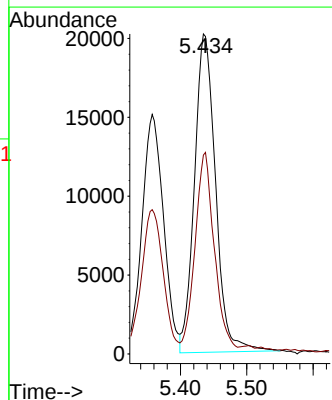
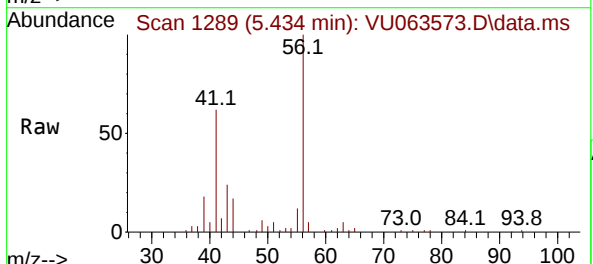
RT: 5.434 min Scan# 1289

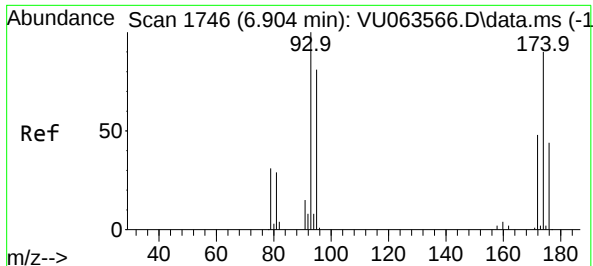
Delta R.T. -0.003 min

Lab File: VU063573.D

Acq: 15 Sep 2025 12:07

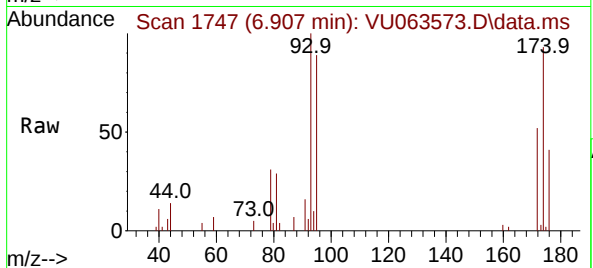
Tgt Ion:	56	Resp:	44633
Ion Ratio	Lower	Upper	
56	100		
41	55.0	28.3	84.9



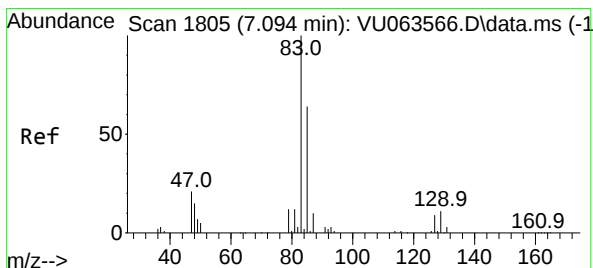
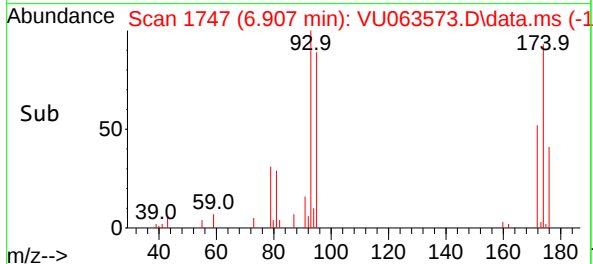
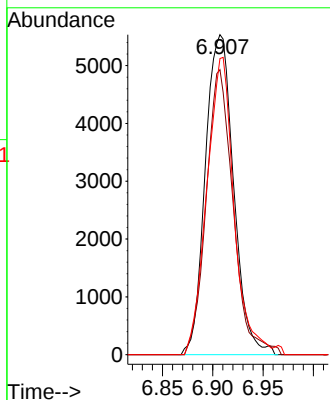


#43
Dibromomethane
Concen: 1.971 ug/l
RT: 6.907 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU063573.D
Acq: 15 Sep 2025 12:07

Instrument :
MSVOA_U
ClientSampleId :

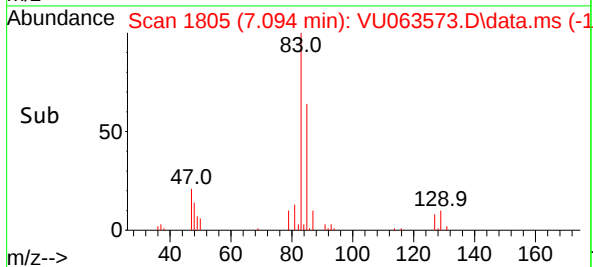
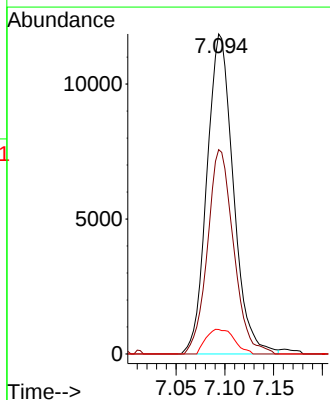
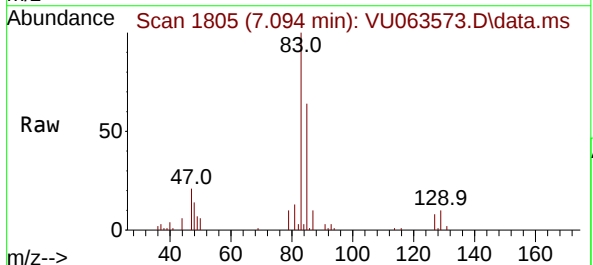


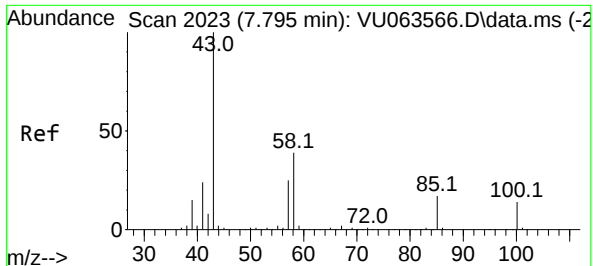
Tgt Ion: 93 Resp: 10840
Ion Ratio Lower Upper
93 100
95 84.9 66.6 100.0
174 89.2 72.7 109.1



#44
Bromodichloromethane
Concen: 1.903 ug/l
RT: 7.094 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VU063573.D
Acq: 15 Sep 2025 12:07

Tgt Ion: 83 Resp: 22367
Ion Ratio Lower Upper
83 100
85 63.8 51.2 76.8
127 7.6 6.9 10.3





#45

4-Methyl-2-Pentanone

Concen: 10.020 ug/l

RT: 7.798 min Scan# 2023

Delta R.T. 0.003 min

Lab File: VU063573.D

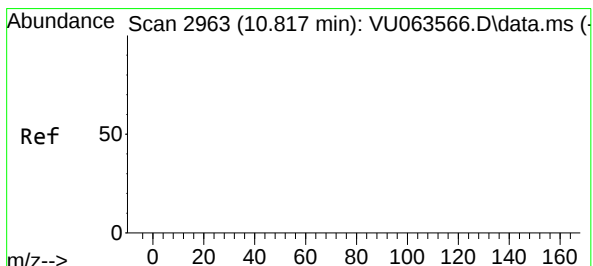
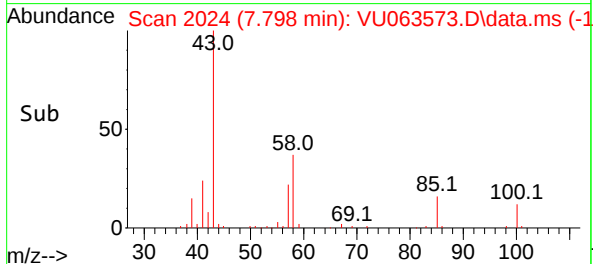
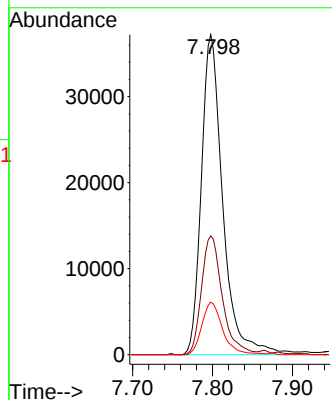
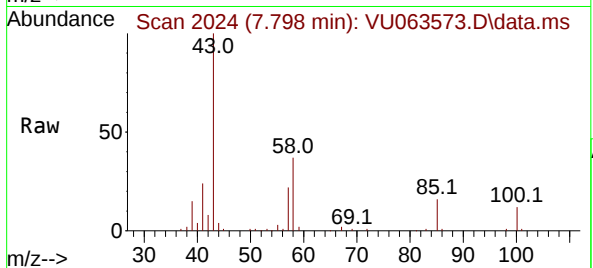
Acq: 15 Sep 2025 12:07

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	43	Resp:	69019
Ion	Ratio	Lower	Upper
43	100		
58	36.3	18.9	56.9
85	16.0	13.3	19.9



#46

t-1,4-Dichloro-2-butene

Concen: 7.641 ug/l

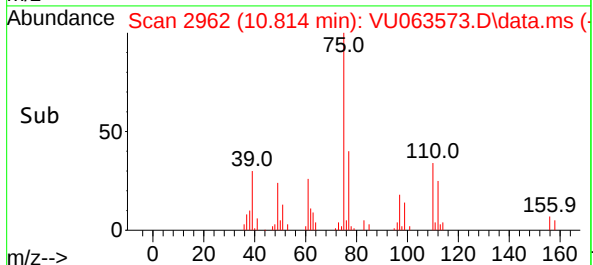
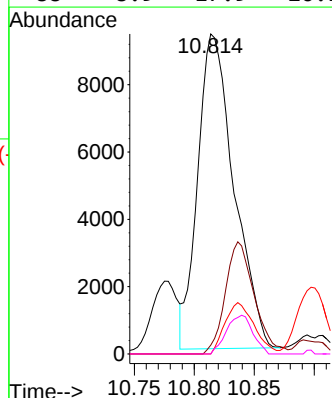
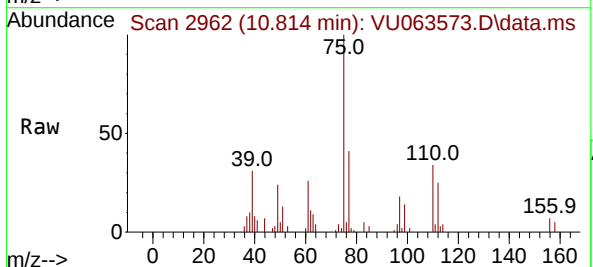
RT: 10.814 min Scan# 2962

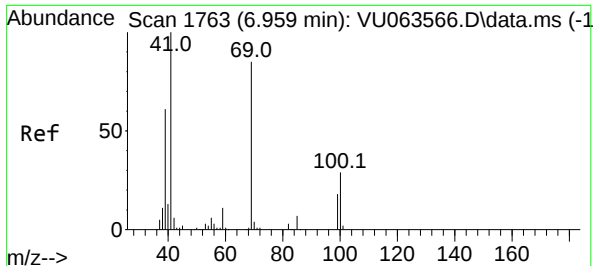
Delta R.T. -0.003 min

Lab File: VU063573.D

Acq: 15 Sep 2025 12:07

Tgt Ion:	75	Resp:	19693
Ion	Ratio	Lower	Upper
75	100		
53	28.4	43.2	64.8#
89	13.1	21.9	32.9#
88	8.9	17.9	26.9#





#47

Methyl methacrylate

Concen: 3.724 ug/l

RT: 6.965 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU063573.D

Acq: 15 Sep 2025 12:07

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 69 Resp: 18323

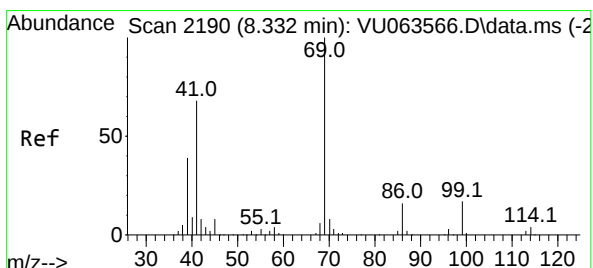
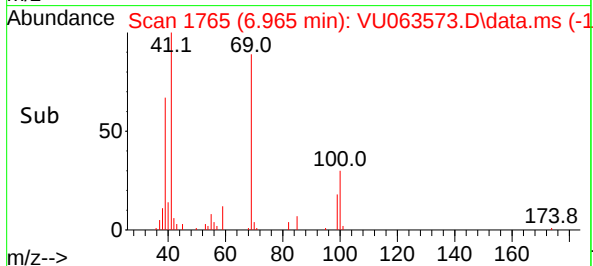
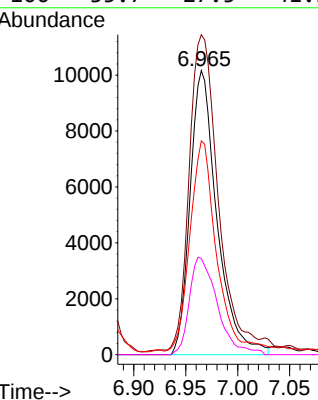
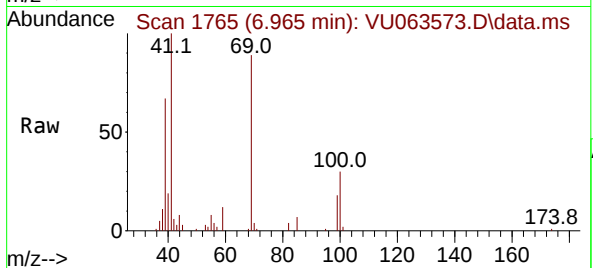
Ion Ratio Lower Upper

69 100

41 119.4 0.0 236.8

39 72.6 57.8 86.6

100 35.7 27.5 41.3



#48

Ethyl methacrylate

Concen: 1.942 ug/l

RT: 8.335 min Scan# 2191

Delta R.T. 0.003 min

Lab File: VU063573.D

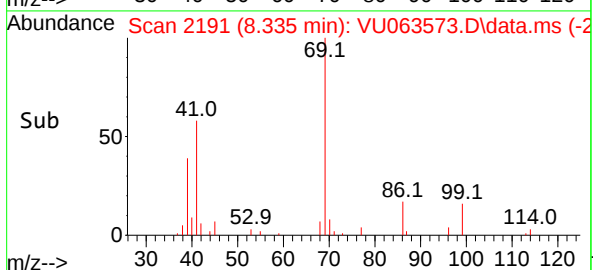
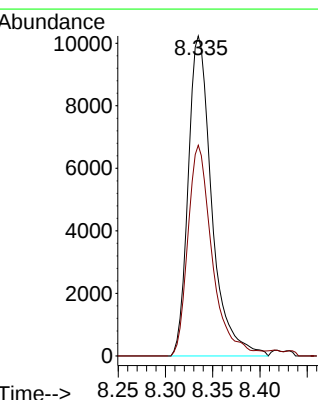
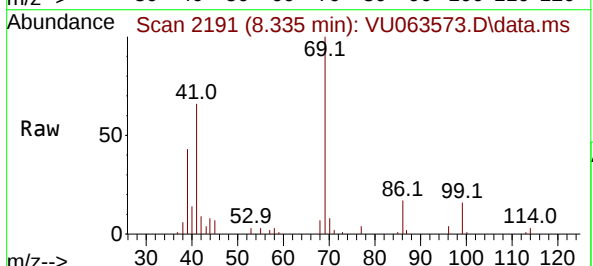
Acq: 15 Sep 2025 12:07

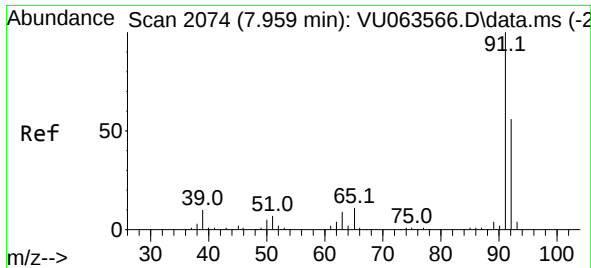
Tgt Ion: 69 Resp: 17724

Ion Ratio Lower Upper

69 100

41 68.0 33.7 101.1

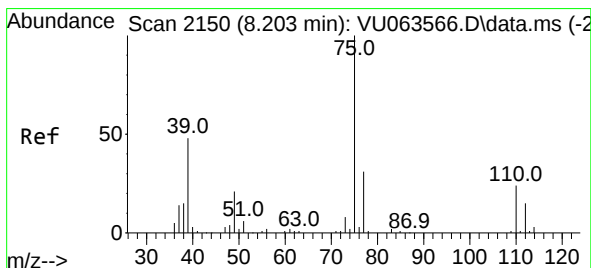
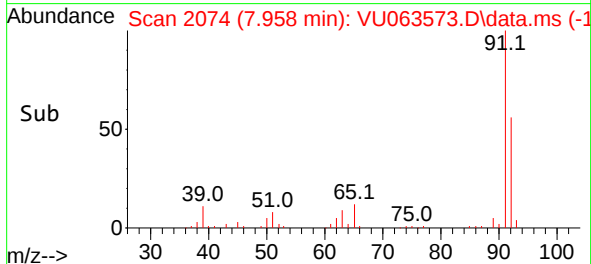
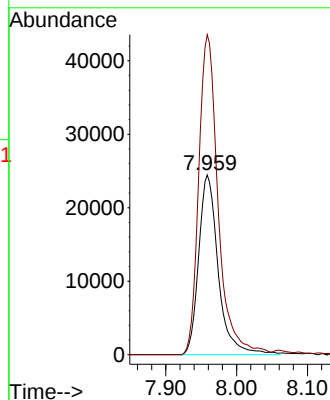
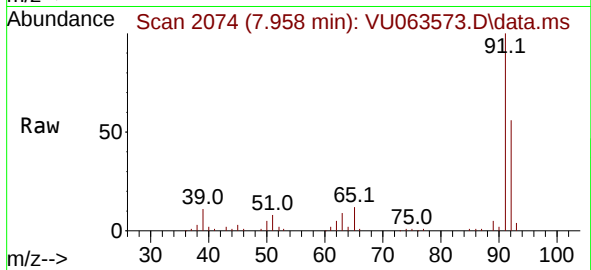




#49
Toluene
Concen: 1.999 ug/l
RT: 7.958 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VU063573.D
Acq: 15 Sep 2025 12:07

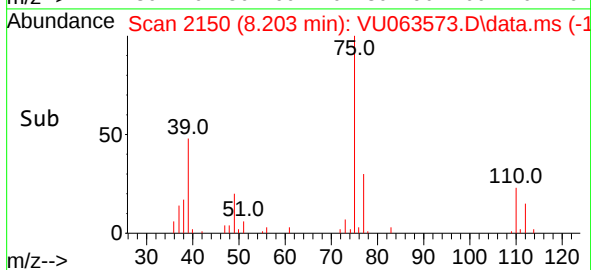
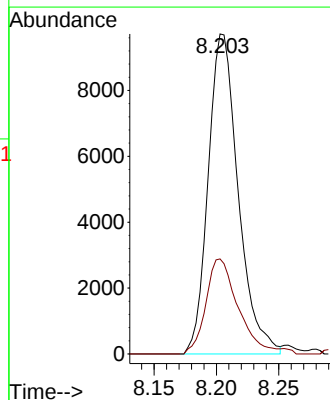
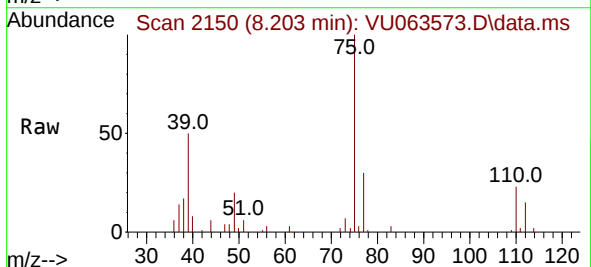
Instrument :
MSVOA_U
ClientSampleId :

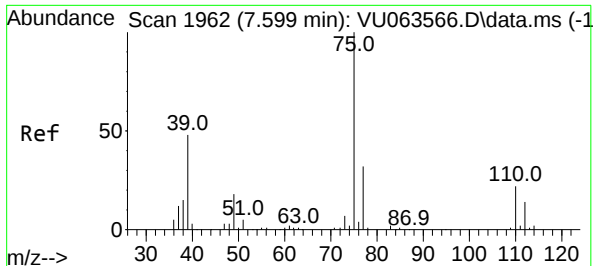
Tgt Ion: 92 Resp: 46972
Ion Ratio Lower Upper
92 100
91 176.3 139.4 209.2



#50
t-1,3-Dichloropropene
Concen: 1.852 ug/l
RT: 8.203 min Scan# 2150
Delta R.T. -0.000 min
Lab File: VU063573.D
Acq: 15 Sep 2025 12:07

Tgt Ion: 75 Resp: 16302
Ion Ratio Lower Upper
75 100
77 29.7 24.8 37.2





#51

cis-1,3-Dichloropropene

Concen: 1.919 ug/l

RT: 7.598 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VU063573.D

Acq: 15 Sep 2025 12:07

Instrument :

MSVOA_U

ClientSampleId :

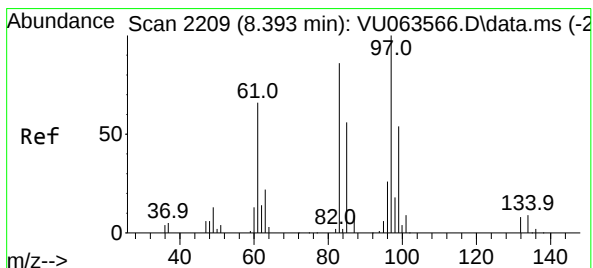
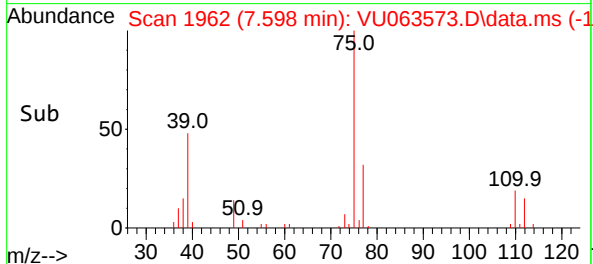
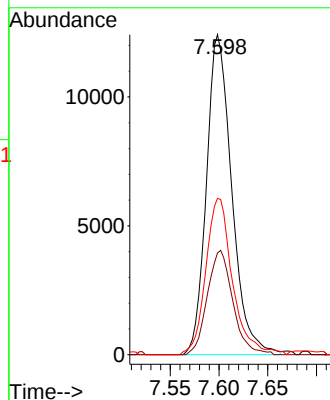
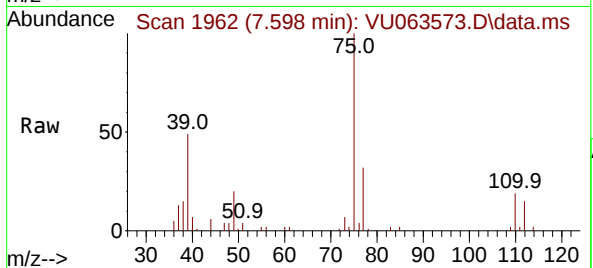
Tgt Ion: 75 Resp: 22468

Ion Ratio Lower Upper

75 100

77 31.8 25.2 37.8

39 48.9 38.8 58.2



#52

1,1,2-Trichloroethane

Concen: 2.046 ug/l

RT: 8.393 min Scan# 2209

Delta R.T. -0.000 min

Lab File: VU063573.D

Acq: 15 Sep 2025 12:07

Tgt Ion: 97 Resp: 15924

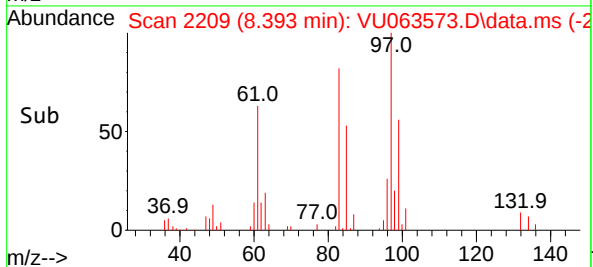
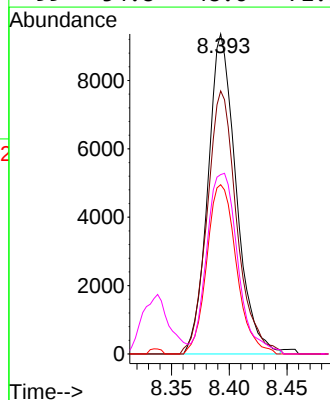
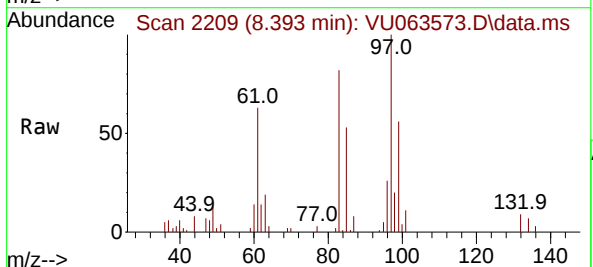
Ion Ratio Lower Upper

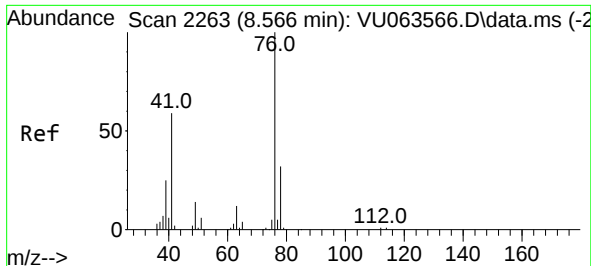
97 100

83 82.2 68.5 102.7

85 52.9 45.0 67.6

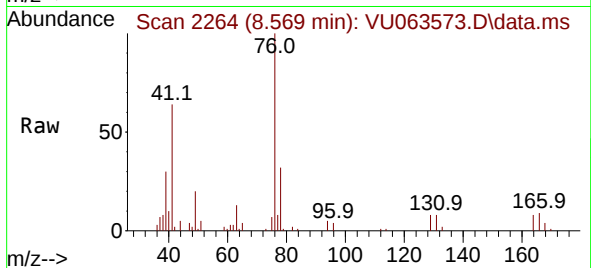
99 54.8 48.6 72.8



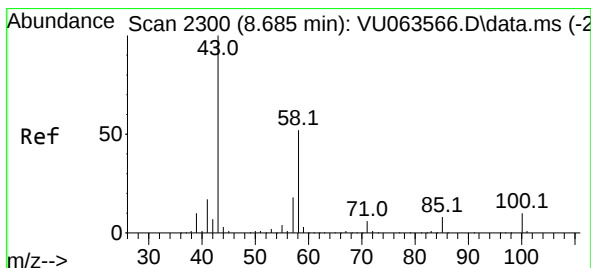
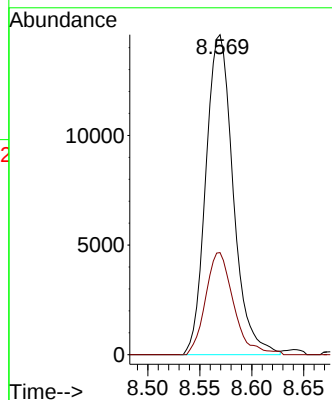
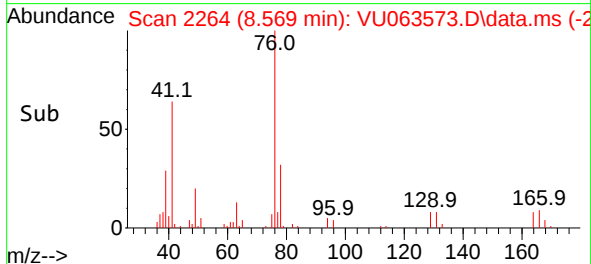


#53
1,3-Dichloropropane
Concen: 1.975 ug/l
RT: 8.569 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063573.D
Acq: 15 Sep 2025 12:07

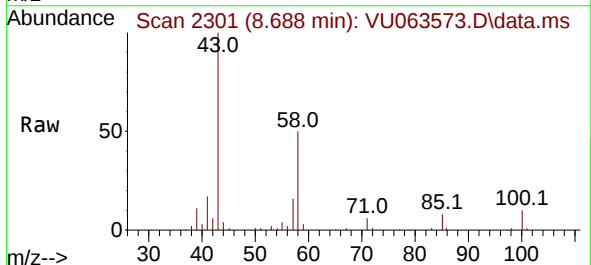
Instrument :
MSVOA_U
ClientSampleId :



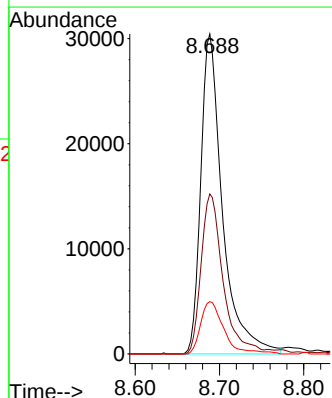
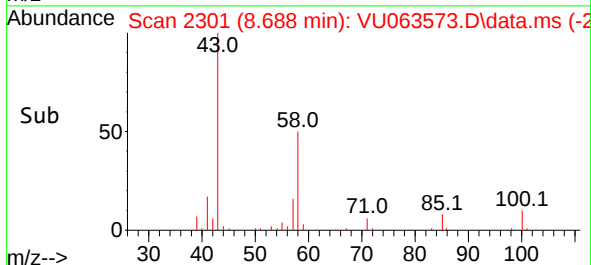
Tgt Ion: 76 Resp: 26704
Ion Ratio Lower Upper
76 100
78 32.7 26.2 39.2

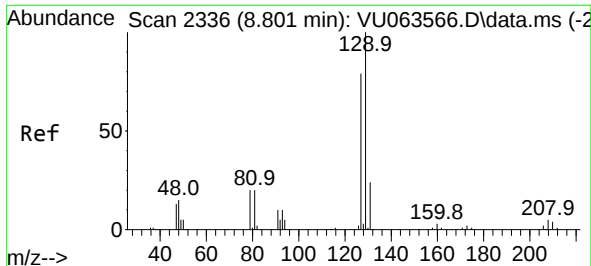


#54
2-Hexanone
Concen: 10.857 ug/l
RT: 8.688 min Scan# 2301
Delta R.T. 0.003 min
Lab File: VU063573.D
Acq: 15 Sep 2025 12:07



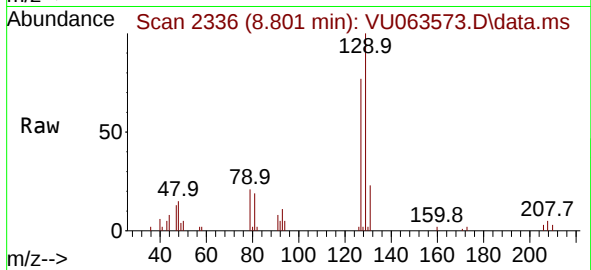
Tgt Ion: 43 Resp: 54646
Ion Ratio Lower Upper
43 100
58 50.3 32.7 72.7
57 17.5 0.0 38.2



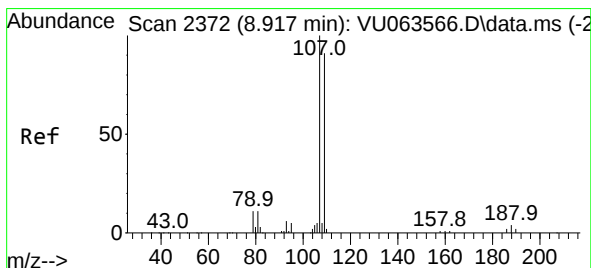
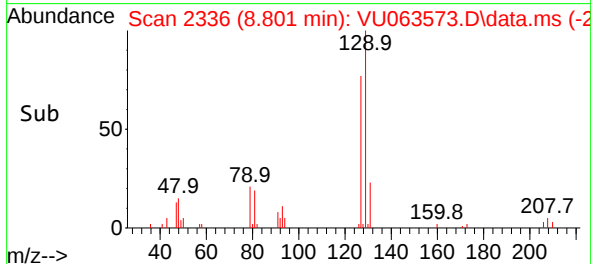
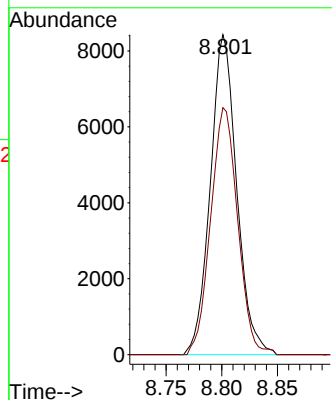


#55
Dibromochloromethane
Concen: 1.845 ug/l
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU063573.D
Acq: 15 Sep 2025 12:07

Instrument :
MSVOA_U
ClientSampleId :

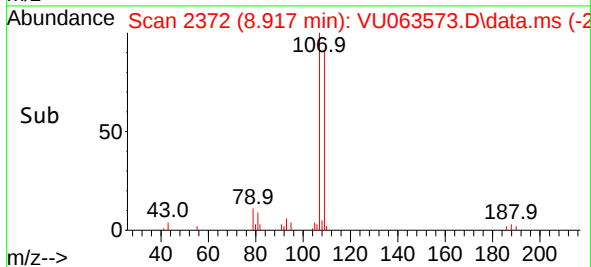
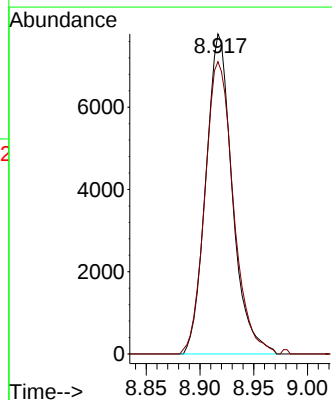
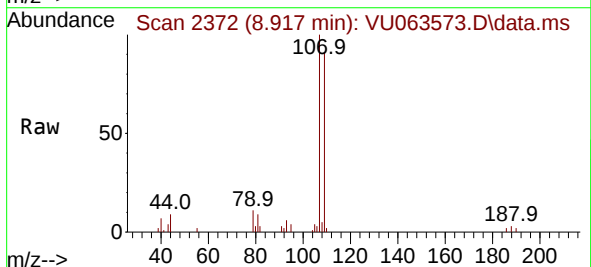


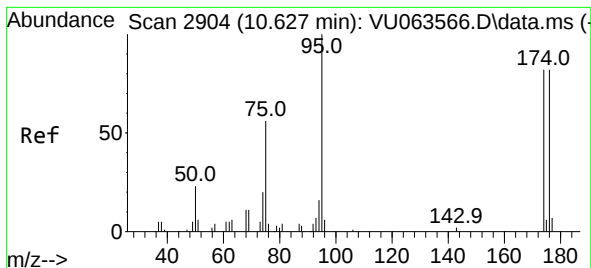
Tgt Ion:129 Resp: 13921
Ion Ratio Lower Upper
129 100
127 78.9 61.9 92.9



#56
1,2-Dibromoethane
Concen: 1.984 ug/l
RT: 8.917 min Scan# 2372
Delta R.T. -0.000 min
Lab File: VU063573.D
Acq: 15 Sep 2025 12:07

Tgt Ion:107 Resp: 13323
Ion Ratio Lower Upper
107 100
109 98.4 0.0 183.6





#57

4-Bromofluorobenzene

Concen: 1.018 ug/l

RT: 10.627 min Scan# 2904

Delta R.T. -0.000 min

Lab File: VU063573.D

Acq: 15 Sep 2025 12:07

Instrument :

MSVOA_U

ClientSampleId :

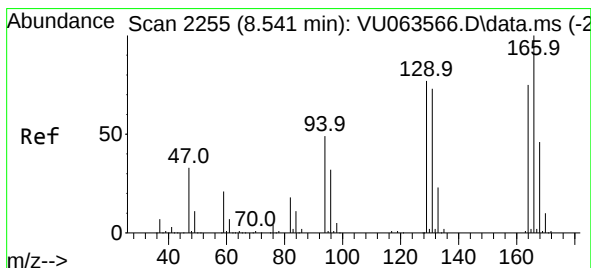
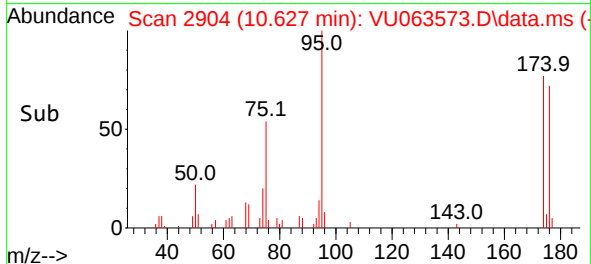
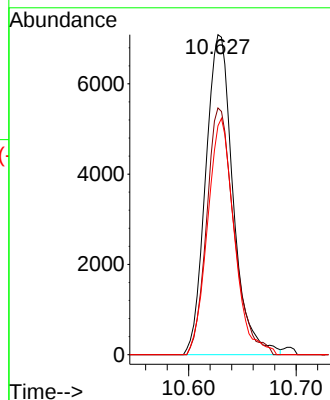
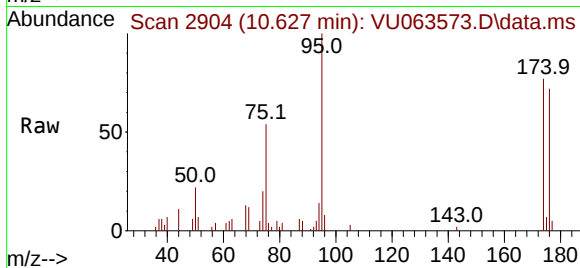
Tgt Ion: 95 Resp: 12549

Ion Ratio Lower Upper

95 100

174 76.8 64.7 97.1

176 71.9 66.2 99.4



#58

Tetrachloroethene

Concen: 2.002 ug/l

RT: 8.540 min Scan# 2255

Delta R.T. -0.000 min

Lab File: VU063573.D

Acq: 15 Sep 2025 12:07

Tgt Ion:164 Resp: 21243

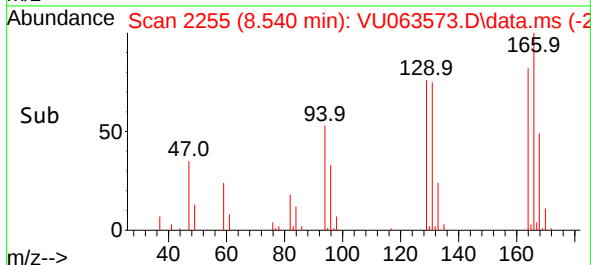
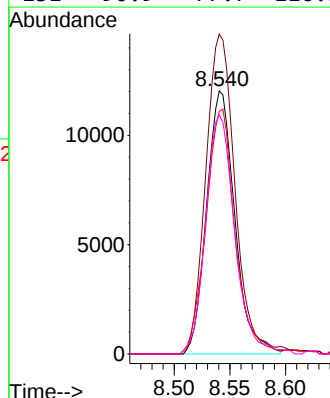
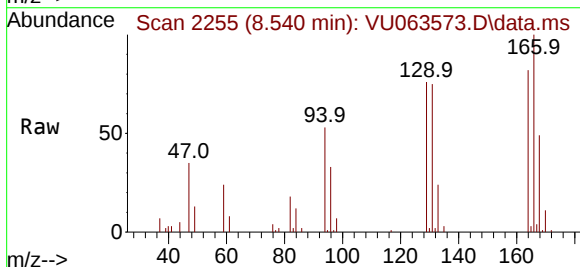
Ion Ratio Lower Upper

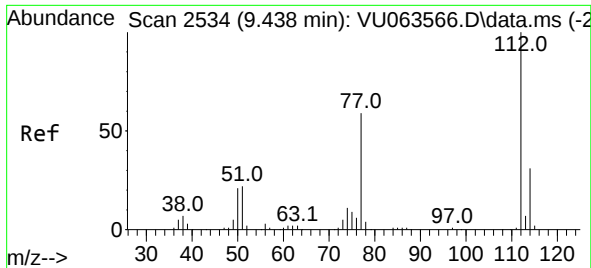
164 100

166 121.6 106.4 159.6

129 92.2 81.4 122.2

131 90.9 77.7 116.5

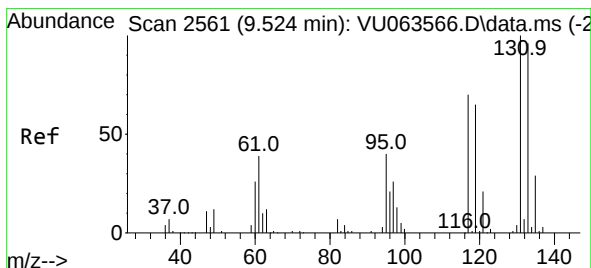
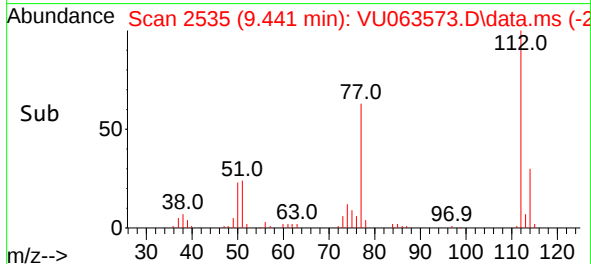
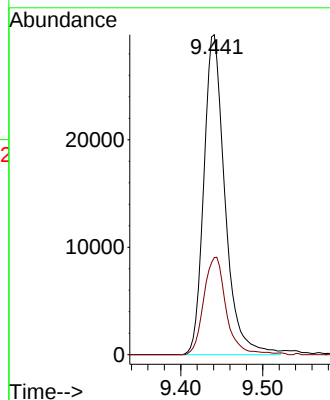
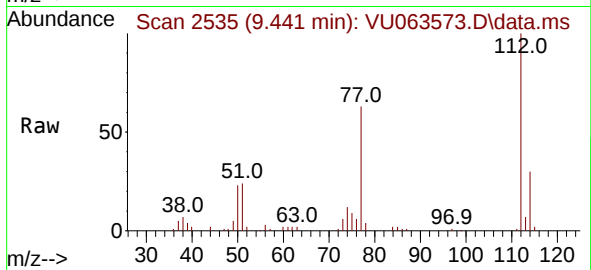




#59
Chlorobenzene
Concen: 1.972 ug/l
RT: 9.441 min Scan# 2535
Delta R.T. 0.003 min
Lab File: VU063573.D
Acq: 15 Sep 2025 12:07

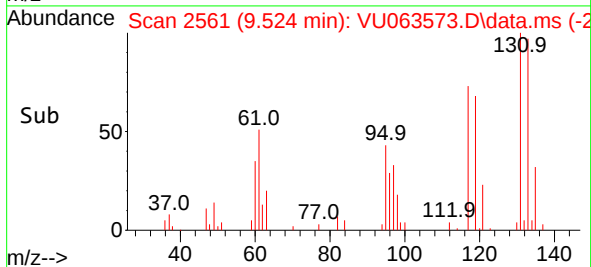
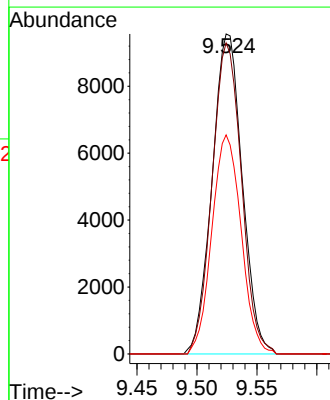
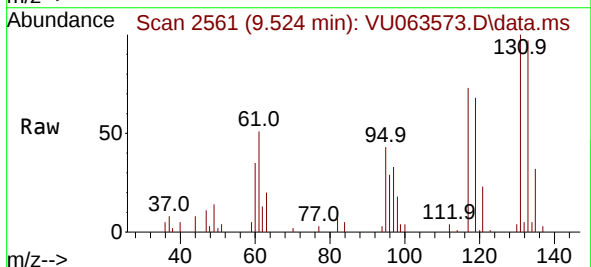
Instrument :
MSVOA_U
ClientSampleId :

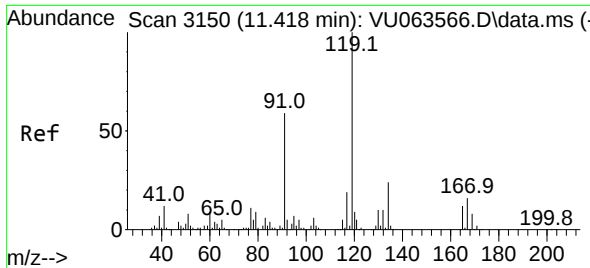
Tgt Ion:112 Resp: 53395
Ion Ratio Lower Upper
112 100
114 30.4 25.0 37.4



#60
1,1,1,2-Tetrachloroethane
Concen: 1.889 ug/l
RT: 9.524 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU063573.D
Acq: 15 Sep 2025 12:07

Tgt Ion:131 Resp: 16710
Ion Ratio Lower Upper
131 100
133 94.6 75.8 113.8
119 66.4 51.8 77.6

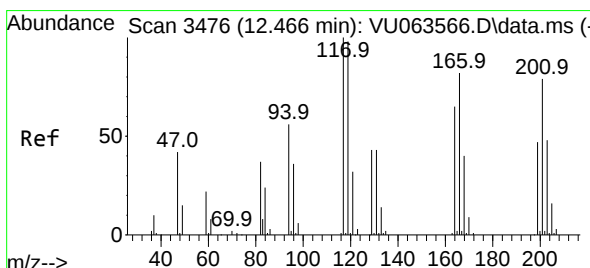
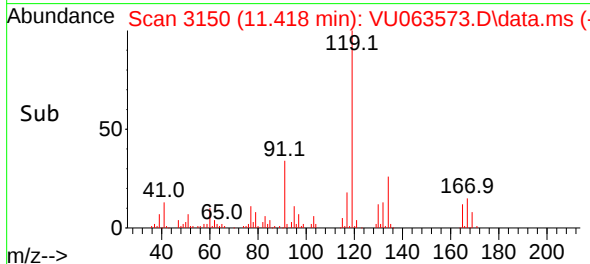
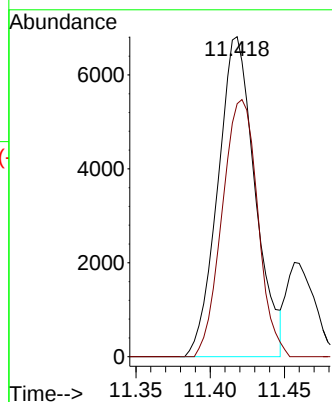
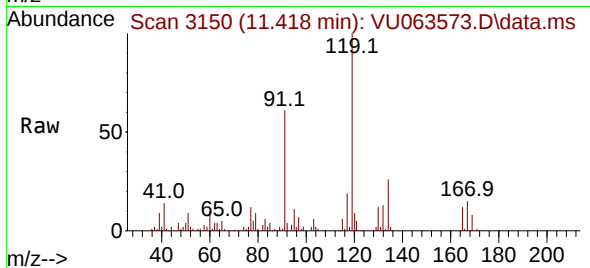




#61
 Pentachloroethane
 Concen: 1.876 ug/l
 RT: 11.418 min Scan# 3150
 Delta R.T. -0.000 min
 Lab File: VU063573.D
 Acq: 15 Sep 2025 12:07

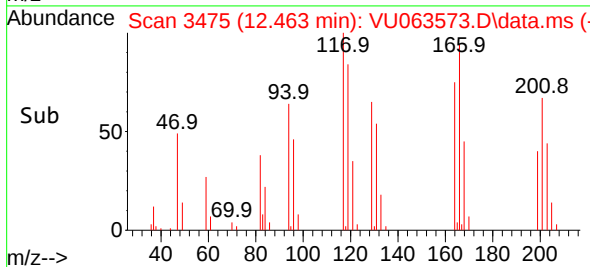
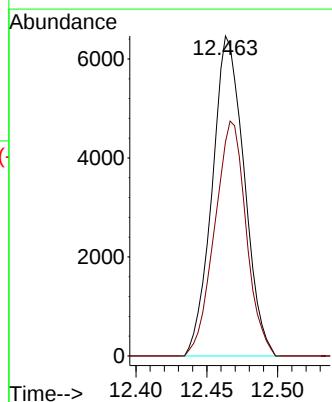
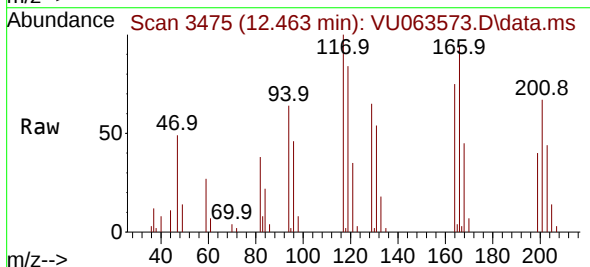
Instrument :
 MSVOA_U
 ClientSampleId :

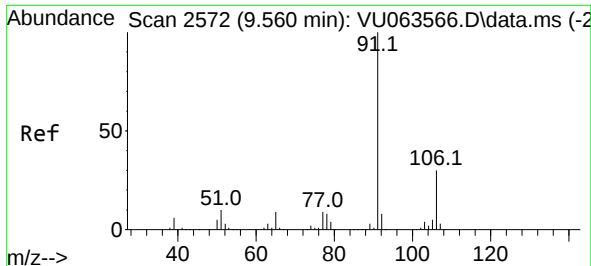
Tgt Ion:117 Resp: 11891
 Ion Ratio Lower Upper
 117 100
 167 76.6 62.6 93.8



#62
 Hexachloroethane
 Concen: 1.841 ug/l
 RT: 12.463 min Scan# 3475
 Delta R.T. -0.003 min
 Lab File: VU063573.D
 Acq: 15 Sep 2025 12:07

Tgt Ion:117 Resp: 10152
 Ion Ratio Lower Upper
 117 100
 201 72.4 61.0 91.6

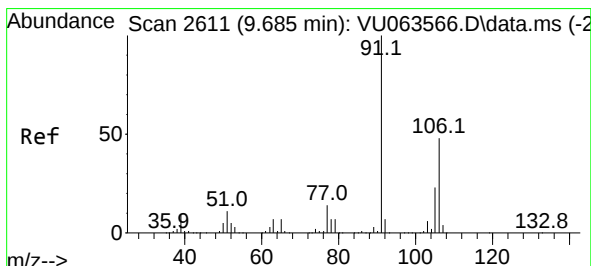
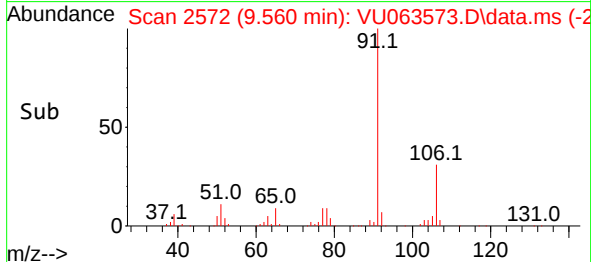
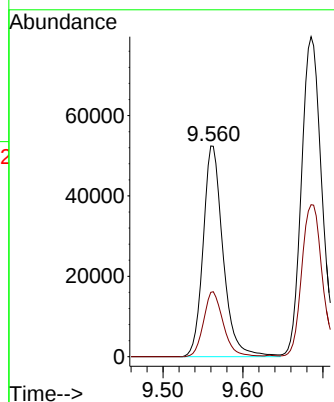
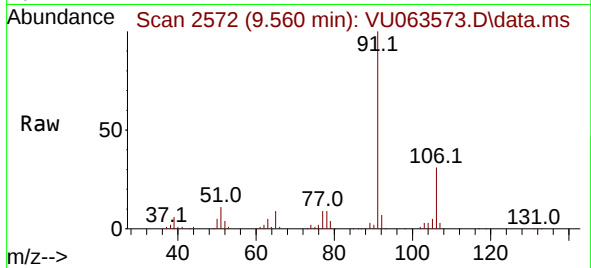




#63
Ethyl Benzene
Concen: 1.969 ug/l
RT: 9.560 min Scan# 2572
Delta R.T. -0.000 min
Lab File: VU063573.D
Acq: 15 Sep 2025 12:07

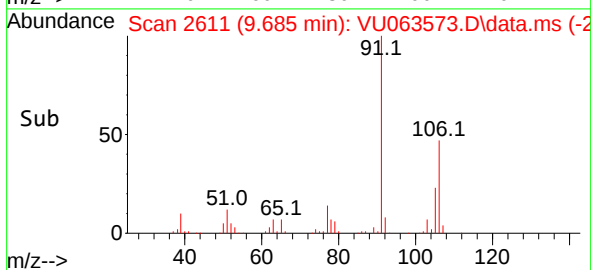
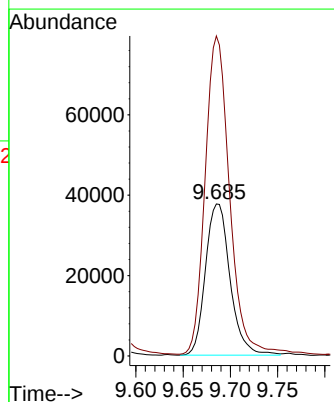
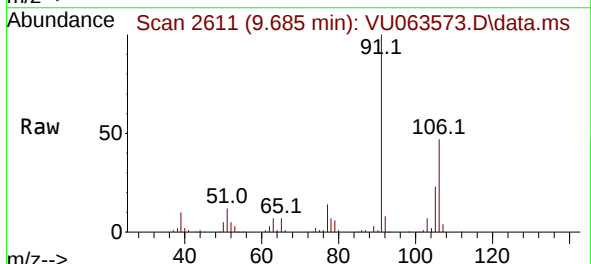
Instrument :
MSVOA_U
ClientSampleId :

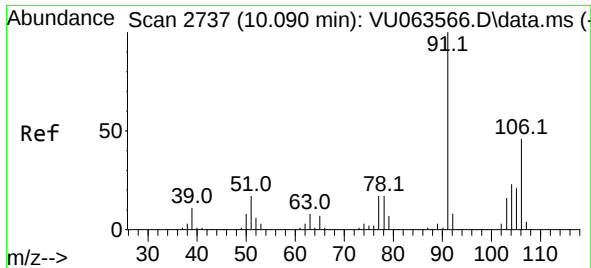
Tgt Ion: 91 Resp: 91031
Ion Ratio Lower Upper
91 100
106 30.5 23.8 35.8



#64
m/p-Xylenes
Concen: 3.835 ug/l
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU063573.D
Acq: 15 Sep 2025 12:07

Tgt Ion:106 Resp: 68135
Ion Ratio Lower Upper
106 100
91 210.4 167.0 250.4

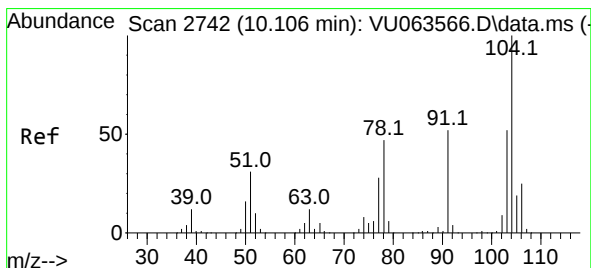
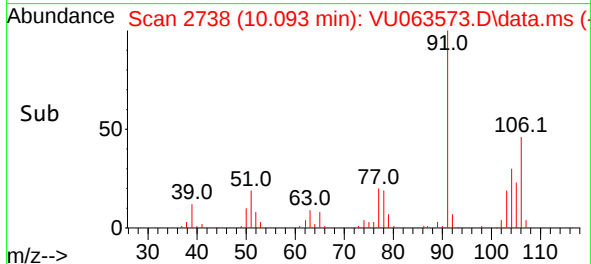
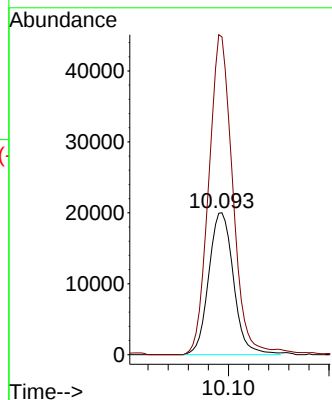
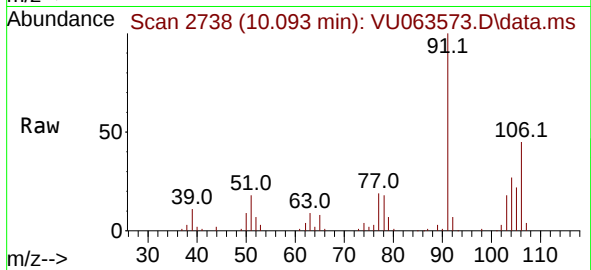




#65
o-Xylene
Concen: 1.927 ug/l
RT: 10.093 min Scan# 2737
Delta R.T. 0.003 min
Lab File: VU063573.D
Acq: 15 Sep 2025 12:07

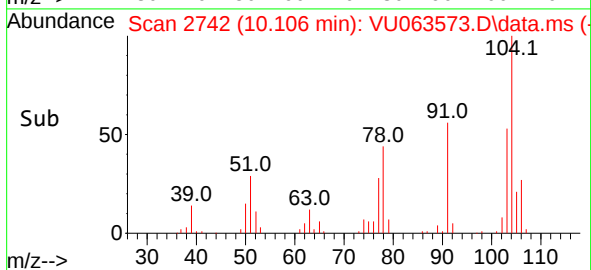
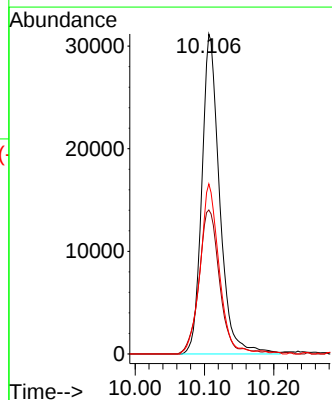
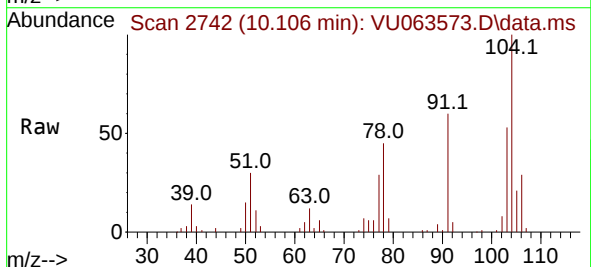
Instrument :
MSVOA_U
ClientSampleId :

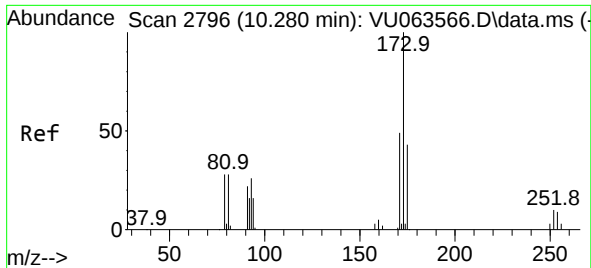
Tgt Ion:106 Resp: 34266
Ion Ratio Lower Upper
106 100
91 216.6 108.7 326.1



#66
Styrene
Concen: 1.959 ug/l
RT: 10.106 min Scan# 2742
Delta R.T. -0.000 min
Lab File: VU063573.D
Acq: 15 Sep 2025 12:07

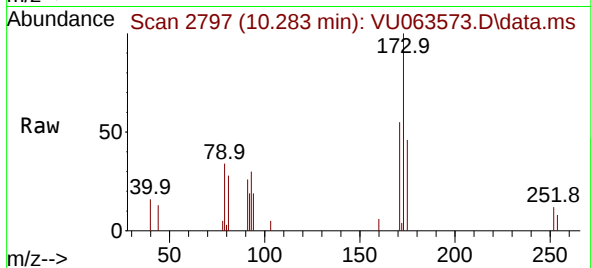
Tgt Ion:104 Resp: 55624
Ion Ratio Lower Upper
104 100
78 50.9 41.2 61.8
103 56.3 44.2 66.2



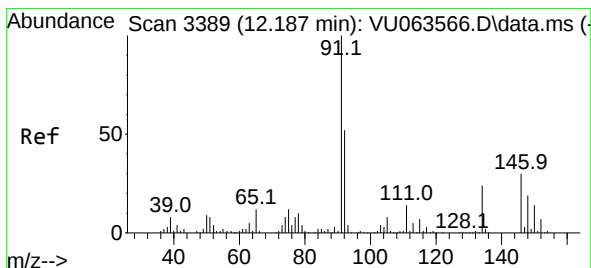
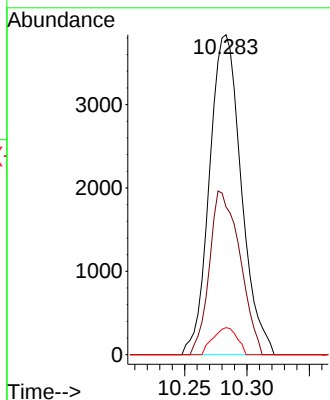
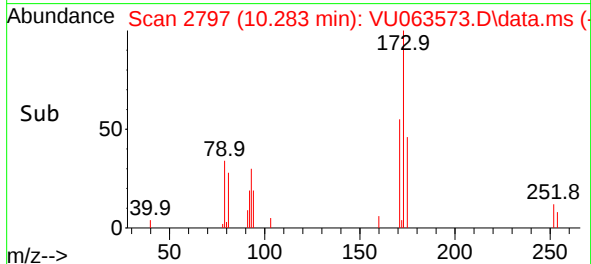


#67
Bromoform
Concen: 1.814 ug/l
RT: 10.283 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063573.D
Acq: 15 Sep 2025 12:07

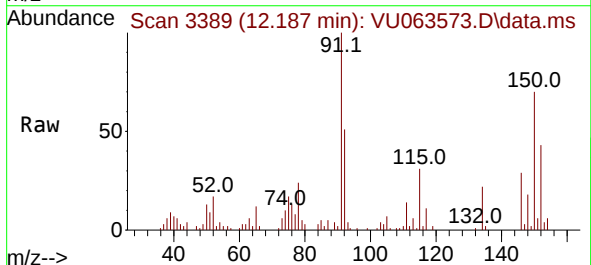
Instrument :
MSVOA_U
ClientSampleId :



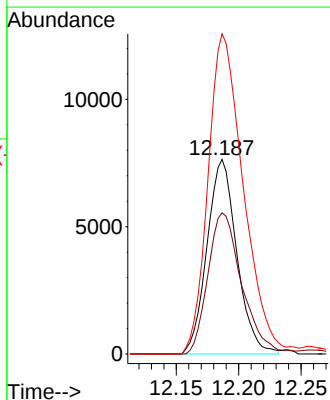
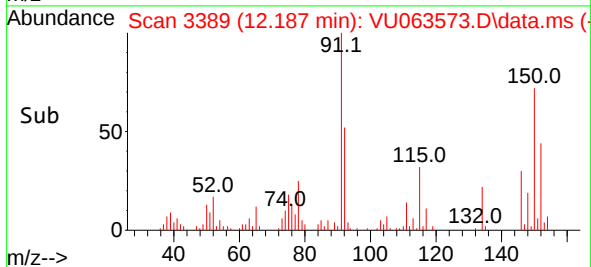
Tgt Ion:173 Resp: 6818
Ion Ratio Lower Upper
173 100
175 48.9 37.0 55.6
254 6.4 7.1 10.7#

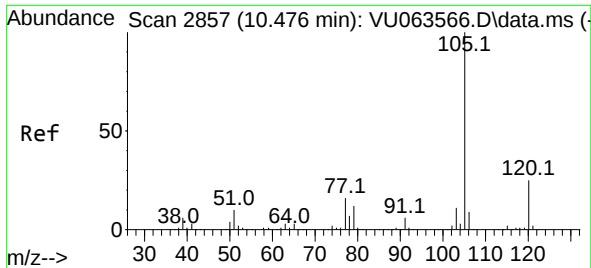


#68
1,2-Dichlorobenzene-d4
Concen: 1.012 ug/l
RT: 12.187 min Scan# 3389
Delta R.T. -0.000 min
Lab File: VU063573.D
Acq: 15 Sep 2025 12:07



Tgt Ion:152 Resp: 12715
Ion Ratio Lower Upper
152 100
115 82.4 0.0 260.6
150 195.4 0.0 661.8

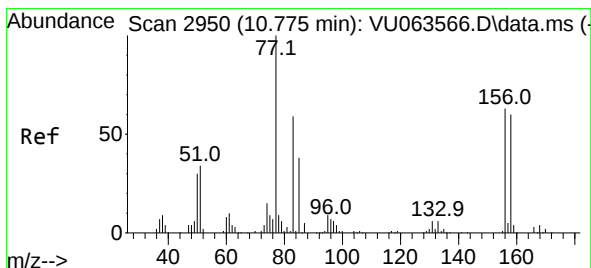
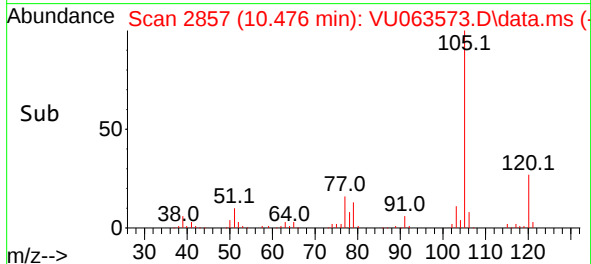
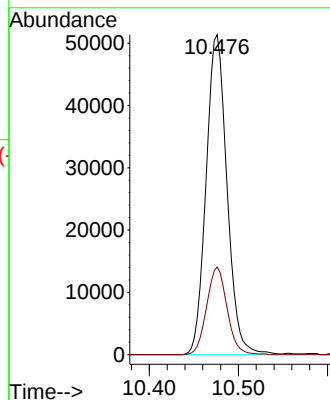
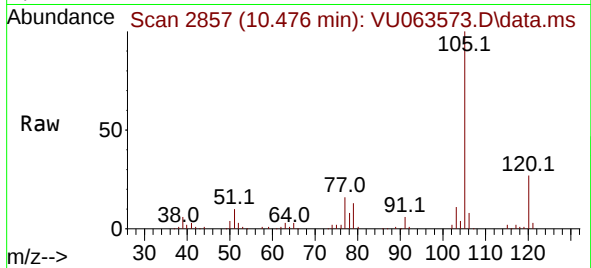




#69
Isopropylbenzene
Concen: 1.939 ug/l
RT: 10.476 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU063573.D
Acq: 15 Sep 2025 12:07

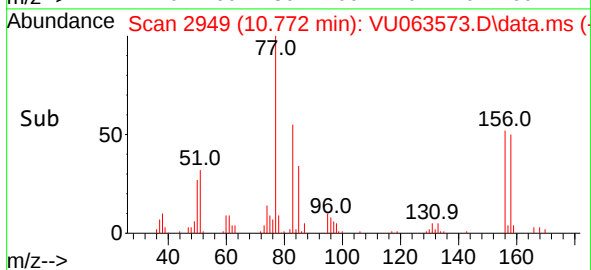
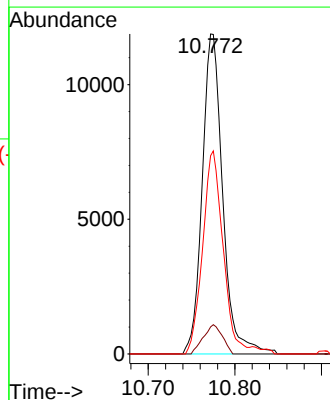
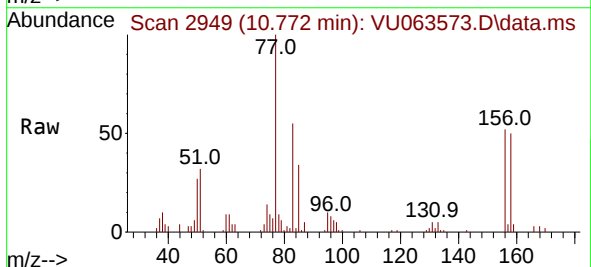
Instrument :
MSVOA_U
ClientSampleId :

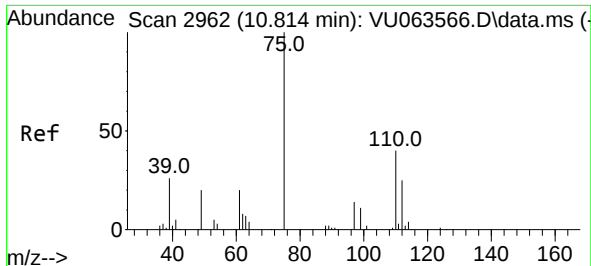
Tgt Ion:105 Resp: 83713
Ion Ratio Lower Upper
105 100
120 26.7 12.7 38.0



#70
1,1,2,2-Tetrachloroethane
Concen: 1.968 ug/l
RT: 10.772 min Scan# 2949
Delta R.T. -0.003 min
Lab File: VU063573.D
Acq: 15 Sep 2025 12:07

Tgt Ion: 83 Resp: 19505
Ion Ratio Lower Upper
83 100
131 8.5 7.7 11.5
85 63.0 52.2 78.4

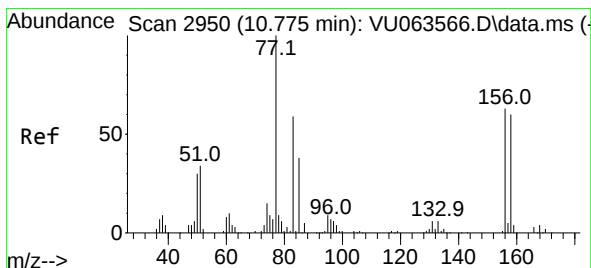
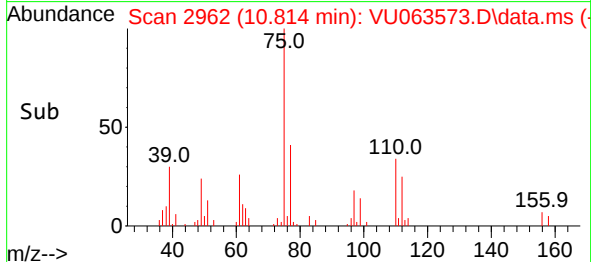
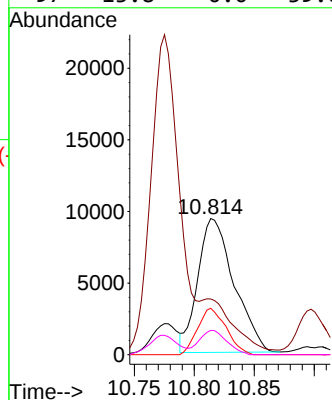
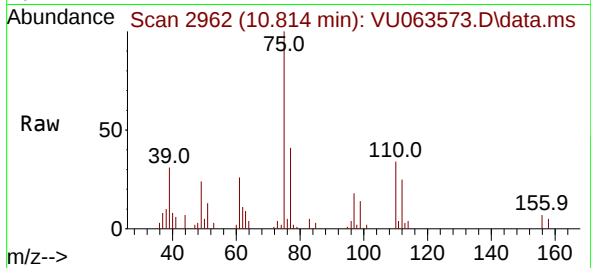




#71
1,2,3-Trichloropropane
Concen: 2.680 ug/l
RT: 10.814 min Scan# 2962
Delta R.T. -0.000 min
Lab File: VU063573.D
Acq: 15 Sep 2025 12:07

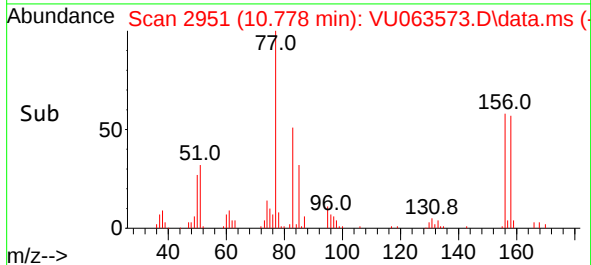
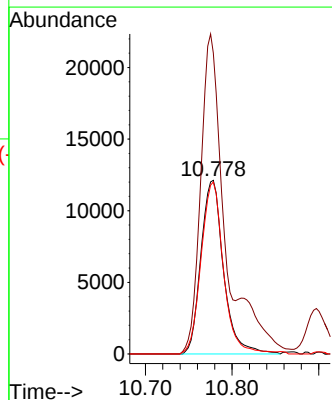
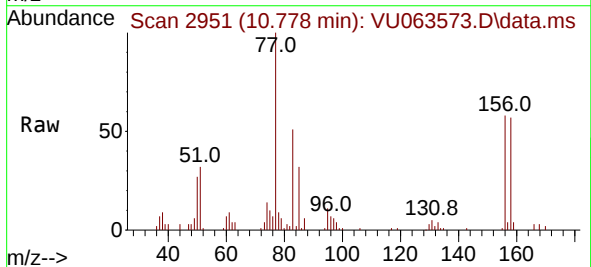
Instrument :
MSVOA_U
ClientSampleId :

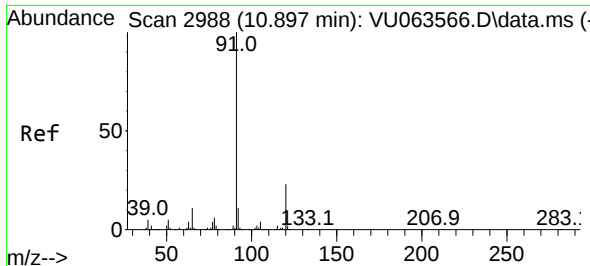
Tgt Ion: 75	Resp: 19693
Ion Ratio	Lower Upper
75 100	
77 0.0	0.0 0.0
110 27.2	0.0 77.6
97 13.8	0.0 39.6



#72
Bromobenzene
Concen: 1.966 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VU063573.D
Acq: 15 Sep 2025 12:07

Tgt Ion: 156	Resp: 22022
Ion Ratio	Lower Upper
156 100	
77 167.7	0.0 323.0
158 97.7	0.0 195.4

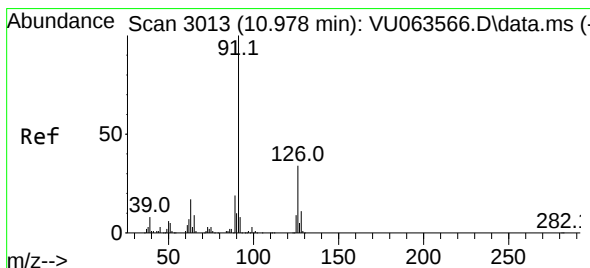
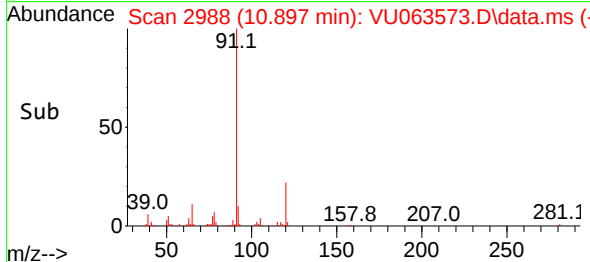
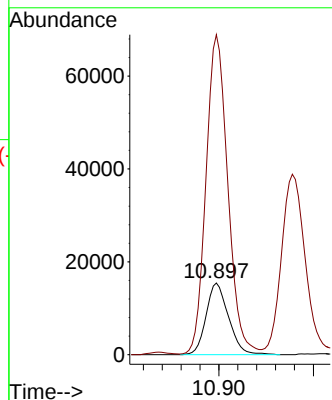
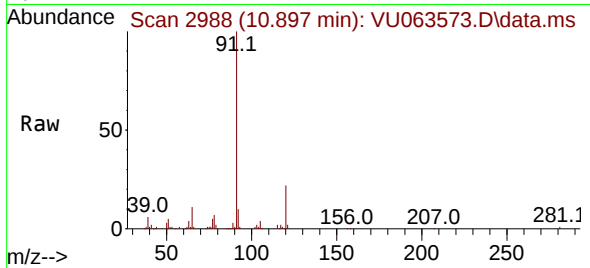




#73
n-propylbenzene
Concen: 2.038 ug/l
RT: 10.897 min Scan# 2988
Delta R.T. -0.000 min
Lab File: VU063573.D
Acq: 15 Sep 2025 12:07

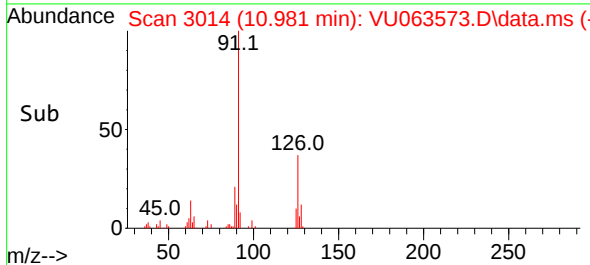
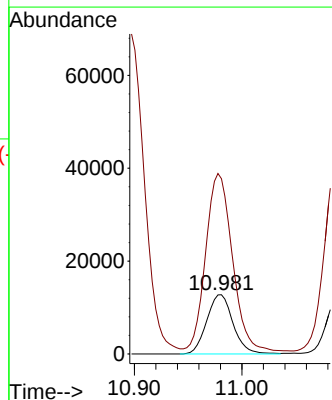
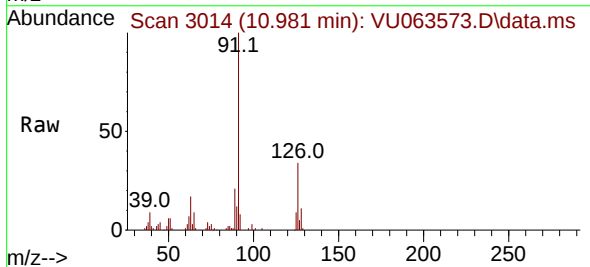
Instrument :
MSVOA_U
ClientSampleId :

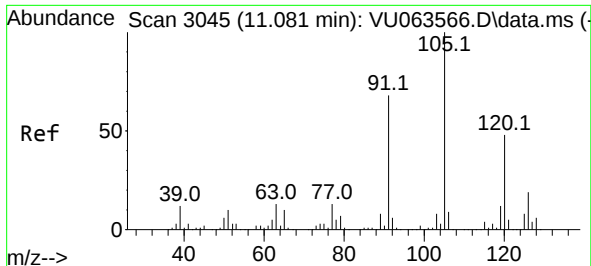
Tgt Ion:120 Resp: 25427
Ion Ratio Lower Upper
120 100
91 432.8 349.1 523.7



#74
2-Chlorotoluene
Concen: 1.920 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. 0.003 min
Lab File: VU063573.D
Acq: 15 Sep 2025 12:07

Tgt Ion:126 Resp: 21666
Ion Ratio Lower Upper
126 100
91 309.7 0.0 609.4

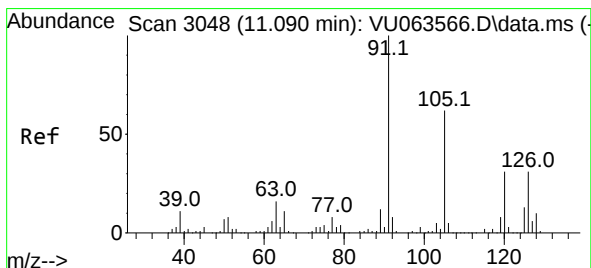
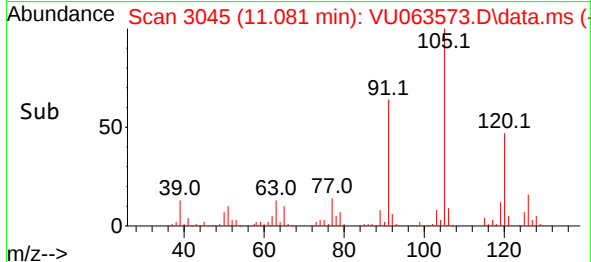
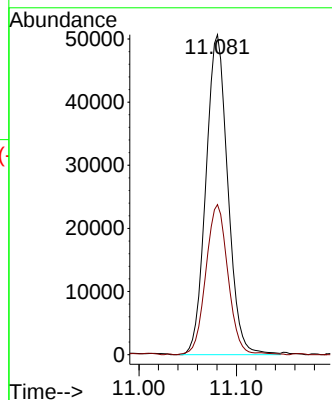
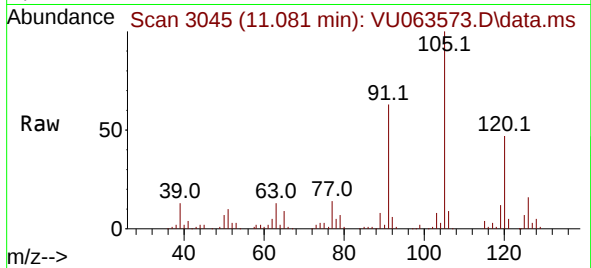




#75
1,3,5-Trimethylbenzene
Concen: 1.959 ug/l
RT: 11.081 min Scan# 3045
Delta R.T. -0.000 min
Lab File: VU063573.D
Acq: 15 Sep 2025 12:07

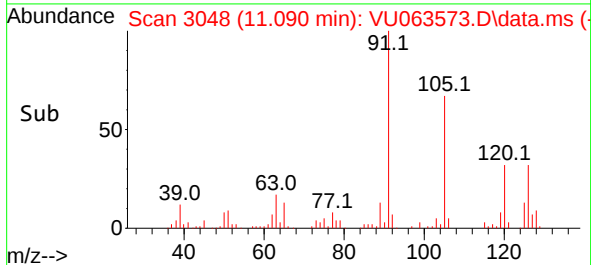
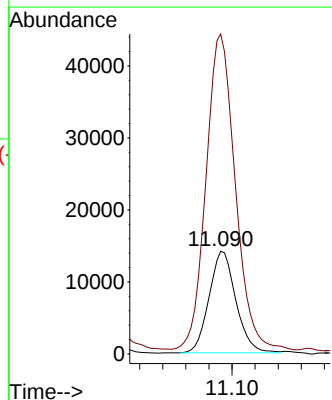
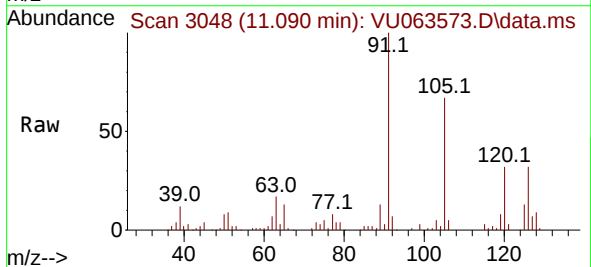
Instrument :
MSVOA_U
ClientSampleId :

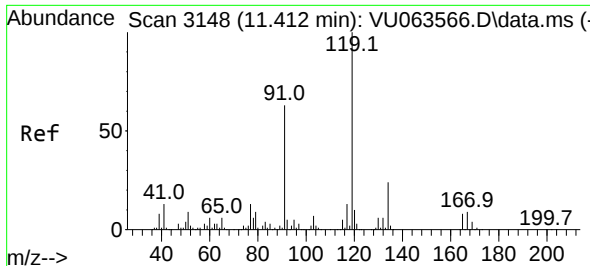
Tgt Ion:105 Resp: 79081
Ion Ratio Lower Upper
105 100
120 47.5 38.0 57.0



#76
4-Chlorotoluene
Concen: 1.928 ug/l
RT: 11.090 min Scan# 3048
Delta R.T. -0.000 min
Lab File: VU063573.D
Acq: 15 Sep 2025 12:07

Tgt Ion:126 Resp: 22778
Ion Ratio Lower Upper
126 100
91 340.3 0.0 679.4

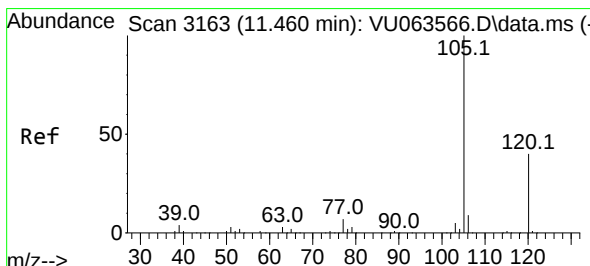
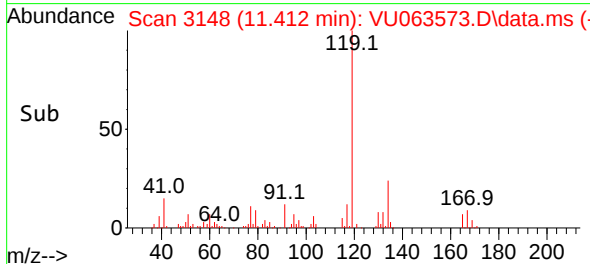
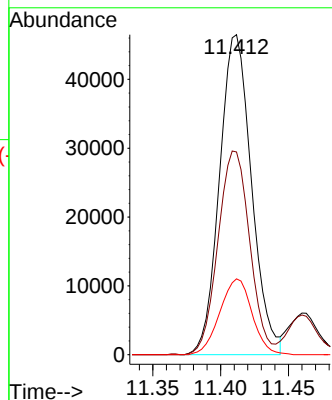
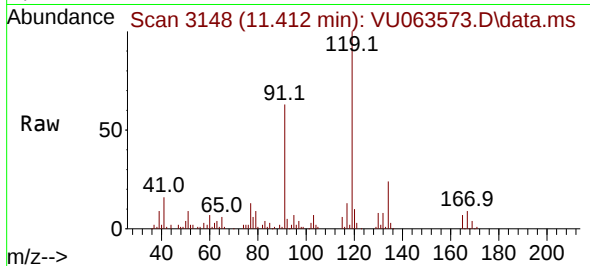




#77
 tert-Butylbenzene
 Concen: 1.958 ug/l
 RT: 11.412 min Scan# 3148
 Delta R.T. -0.000 min
 Lab File: VU063573.D
 Acq: 15 Sep 2025 12:07

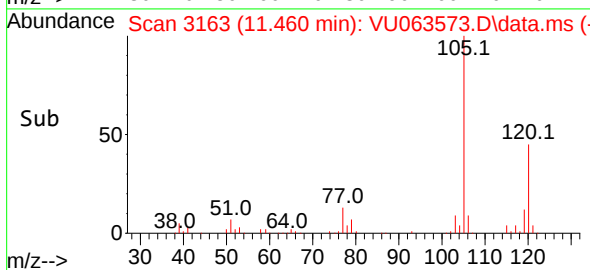
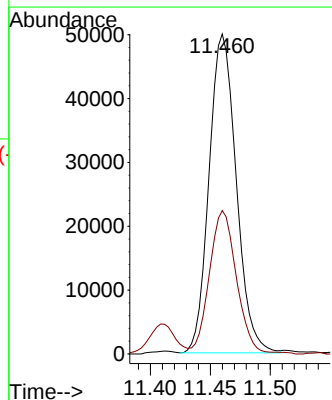
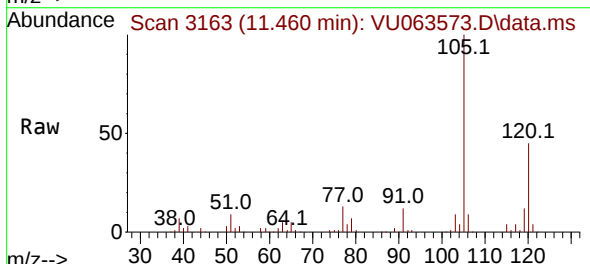
Instrument :
 MSVOA_U
 ClientSampleId :

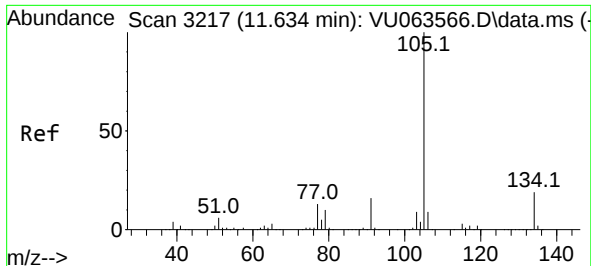
Tgt Ion	Ratio	Lower	Upper
119	100		
91	63.2	31.0	93.0
134	23.9	19.0	28.6



#78
 1,2,4-Trimethylbenzene
 Concen: 2.003 ug/l
 RT: 11.460 min Scan# 3163
 Delta R.T. -0.000 min
 Lab File: VU063573.D
 Acq: 15 Sep 2025 12:07

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.0	22.4	67.3

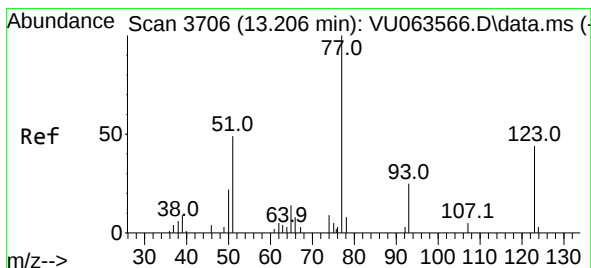
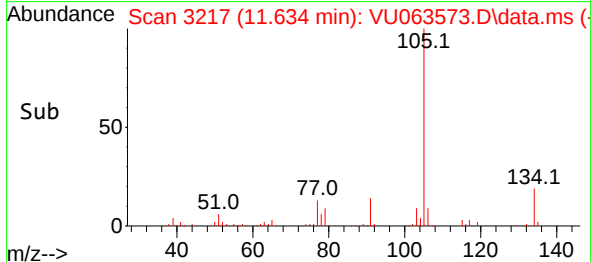
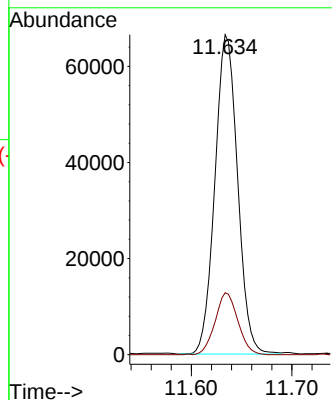
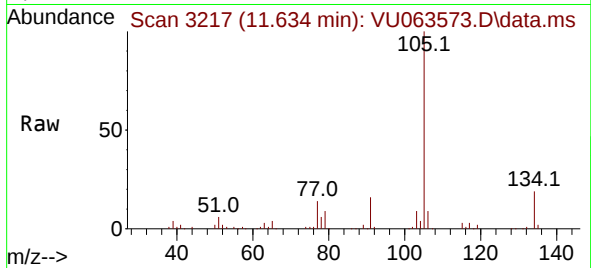




#79
 sec-Butylbenzene
 Concen: 1.970 ug/l
 RT: 11.634 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU063573.D
 Acq: 15 Sep 2025 12:07

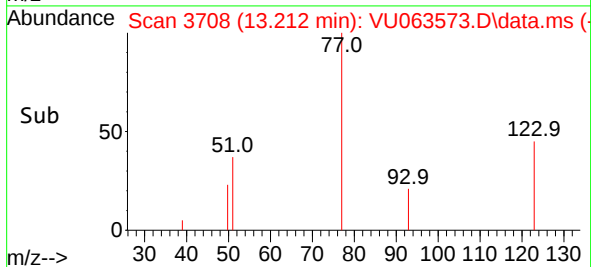
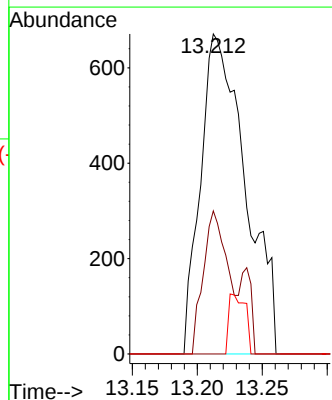
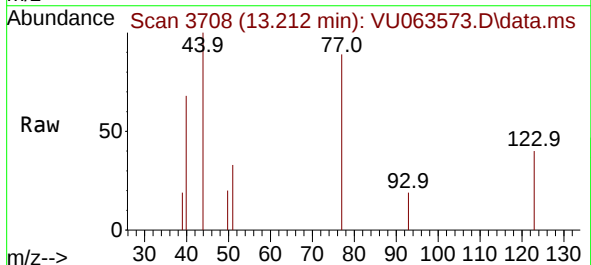
Instrument :
 MSVOA_U
 ClientSampleId :

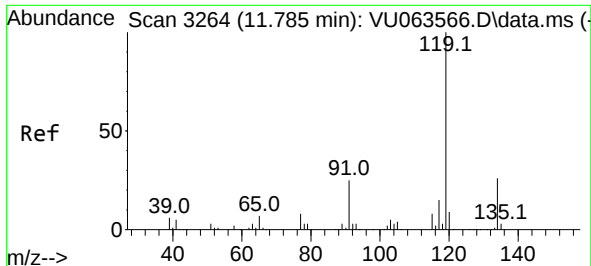
Tgt Ion:105 Resp: 104141
 Ion Ratio Lower Upper
 105 100
 134 19.5 15.6 23.4



#80
 Nitrobenzene
 Concen: 11.298 ug/l
 RT: 13.212 min Scan# 3708
 Delta R.T. 0.006 min
 Lab File: VU063573.D
 Acq: 15 Sep 2025 12:07

Tgt Ion: 77 Resp: 1611
 Ion Ratio Lower Upper
 77 100
 123 16.6 18.0 63.6#
 65 0.0 12.8 16.4#

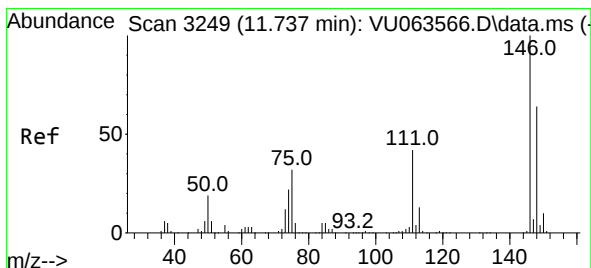
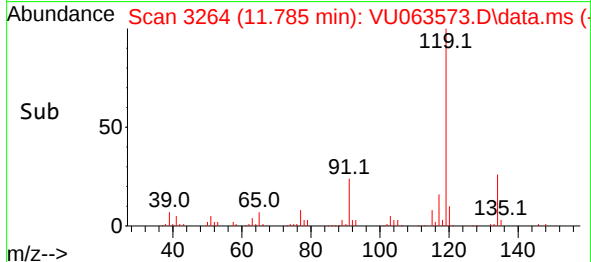
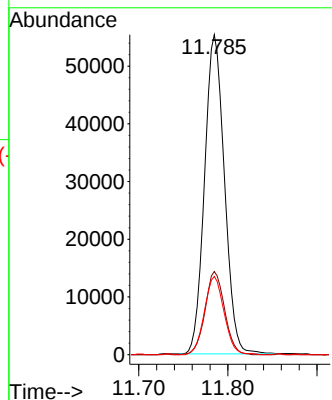
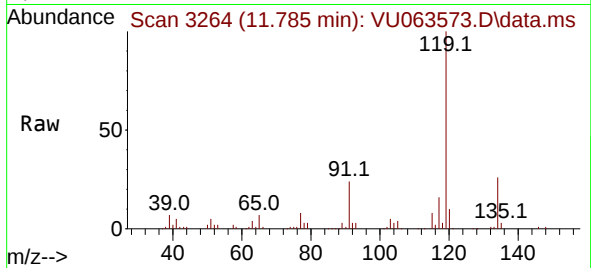




#81
p-Isopropyltoluene
Concen: 2.015 ug/l
RT: 11.785 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU063573.D
Acq: 15 Sep 2025 12:07

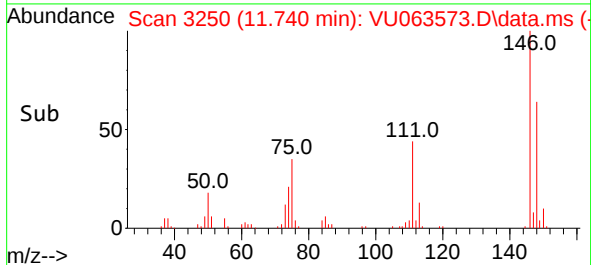
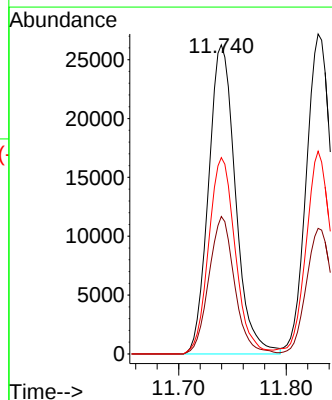
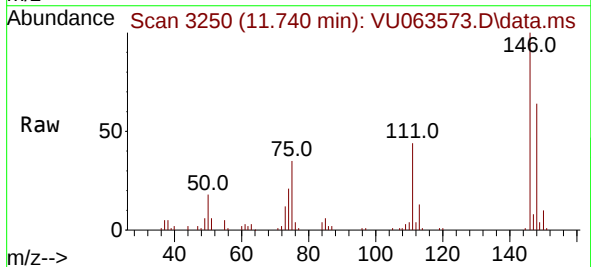
Instrument :
MSVOA_U
ClientSampleId :

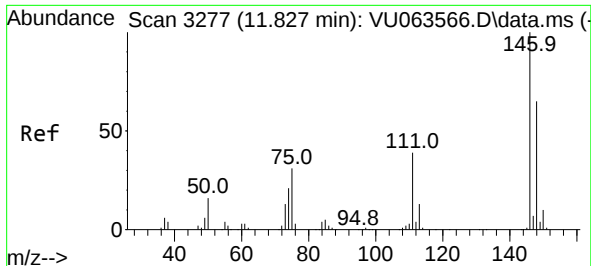
Tgt Ion:119 Resp: 85706
Ion Ratio Lower Upper
119 100
134 25.6 20.6 30.8
91 24.3 19.8 29.6



#82
1,3-Dichlorobenzene
Concen: 2.030 ug/l
RT: 11.740 min Scan# 3250
Delta R.T. 0.003 min
Lab File: VU063573.D
Acq: 15 Sep 2025 12:07

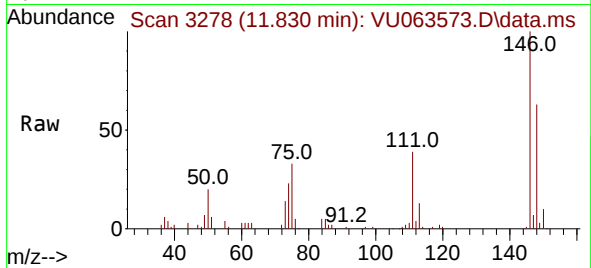
Tgt Ion:146 Resp: 45737
Ion Ratio Lower Upper
146 100
111 42.5 32.7 49.1
148 62.7 50.4 75.6



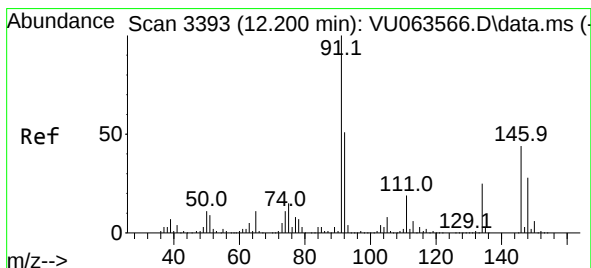
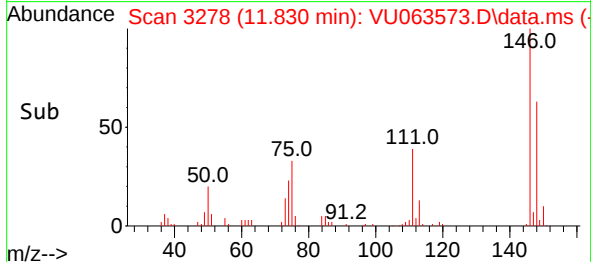
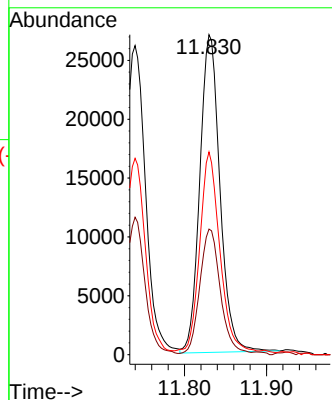


#83
1,4-Dichlorobenzene
Concen: 1.988 ug/l
RT: 11.830 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063573.D
Acq: 15 Sep 2025 12:07

Instrument :
MSVOA_U
ClientSampleId :

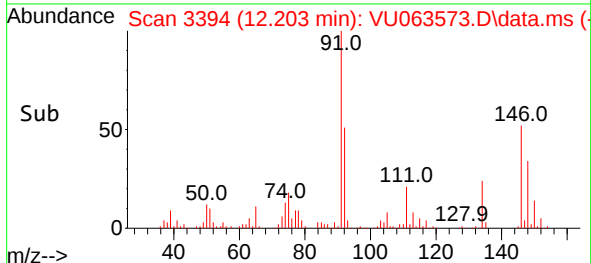
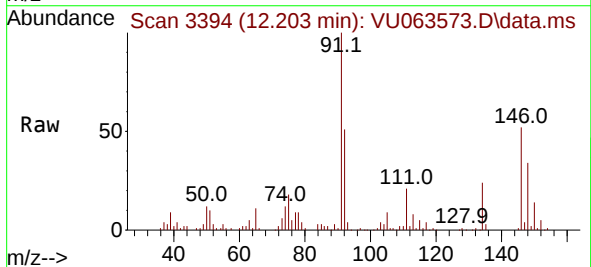
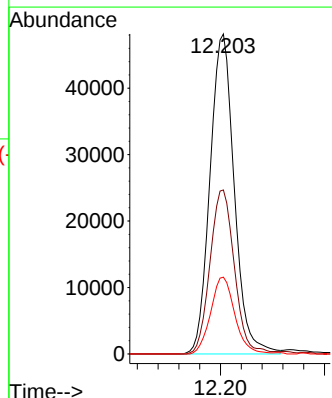


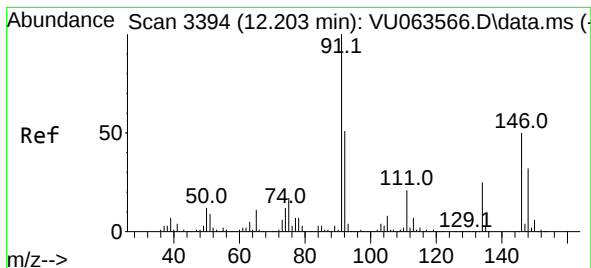
Tgt Ion:146 Resp: 46019
Ion Ratio Lower Upper
146 100
111 39.4 31.6 47.4
148 62.3 51.8 77.8



#84
n-Butylbenzene
Concen: 1.959 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. 0.003 min
Lab File: VU063573.D
Acq: 15 Sep 2025 12:07

Tgt Ion: 91 Resp: 78108
Ion Ratio Lower Upper
91 100
92 51.4 41.3 61.9
134 23.9 19.9 29.9





#85

1,2-Dichlorobenzene

Concen: 2.008 ug/l

RT: 12.206 min Scan# 3394

Delta R.T. 0.003 min

Lab File: VU063573.D

Acq: 15 Sep 2025 12:07

Instrument :

MSVOA_U

ClientSampleId :

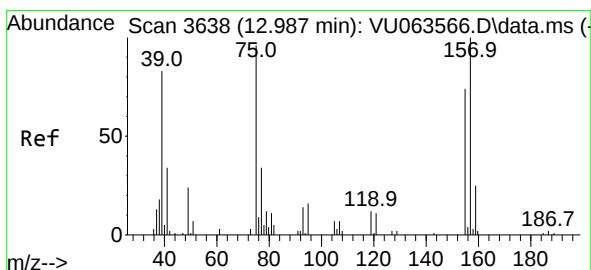
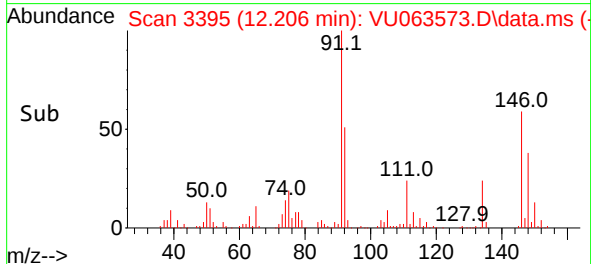
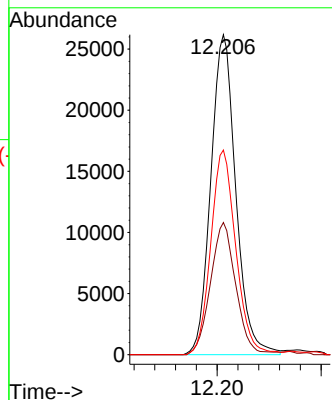
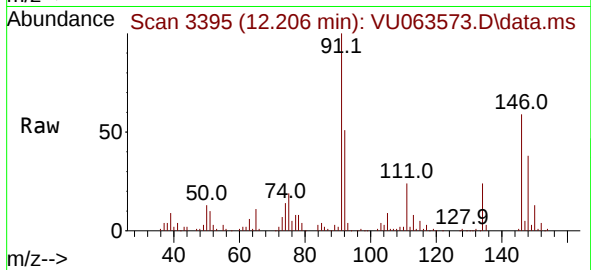
Tgt Ion:146 Resp: 43647

Ion Ratio Lower Upper

146 100

111 41.9 21.0 63.0

148 64.2 31.8 95.3



#86

1,2-Dibromo-3-Chloropropane

Concen: 1.771 ug/l

RT: 12.990 min Scan# 3639

Delta R.T. 0.003 min

Lab File: VU063573.D

Acq: 15 Sep 2025 12:07

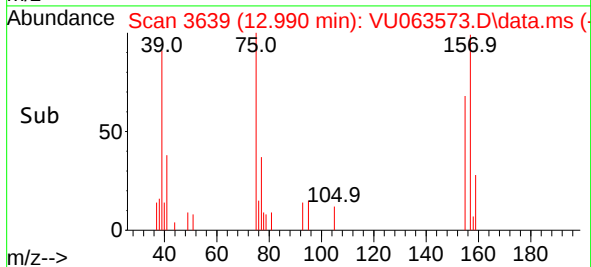
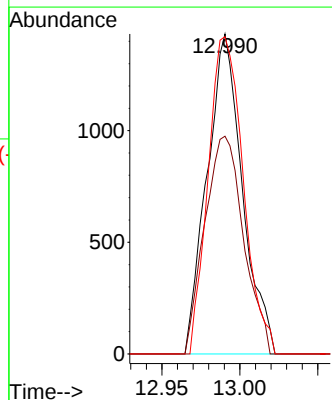
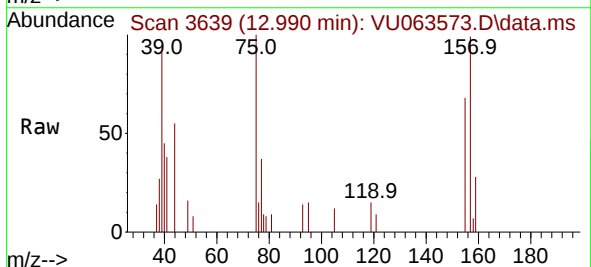
Tgt Ion: 75 Resp: 2262

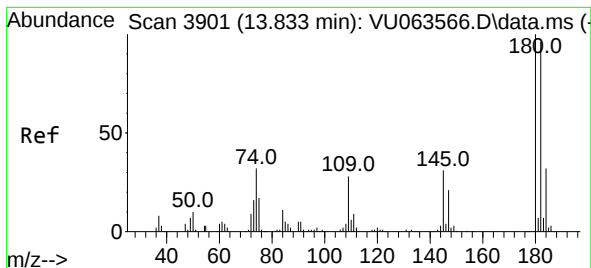
Ion Ratio Lower Upper

75 100

155 74.8 64.1 96.1

157 98.4 84.2 126.4





#87

1,2,4-Trichlorobenzene

Concen: 2.067 ug/l

RT: 13.836 min Scan# 3901

Delta R.T. 0.003 min

Lab File: VU063573.D

Acq: 15 Sep 2025 12:07

Instrument :

MSVOA_U

ClientSampleId :

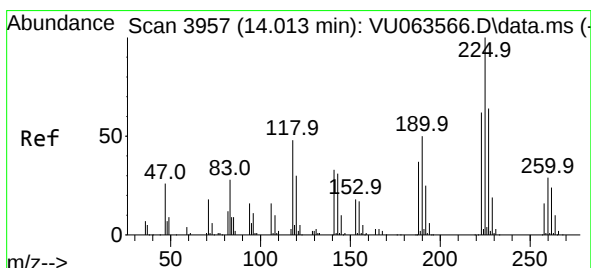
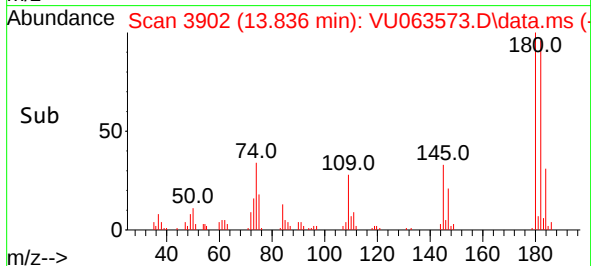
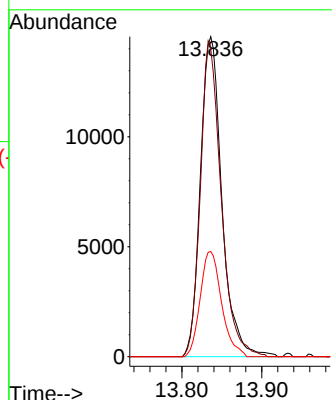
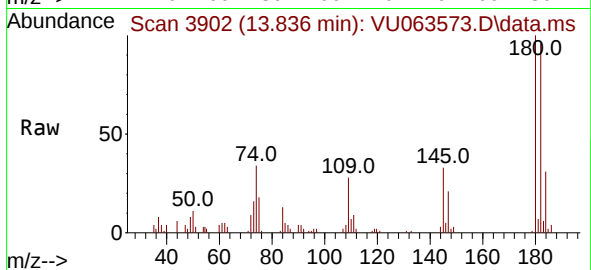
Tgt Ion:180 Resp: 27203

Ion Ratio Lower Upper

180 100

182 95.3 77.1 115.7

145 32.7 25.0 37.4



#88

Hexachlorobutadiene

Concen: 1.984 ug/l

RT: 14.013 min Scan# 3957

Delta R.T. -0.000 min

Lab File: VU063573.D

Acq: 15 Sep 2025 12:07

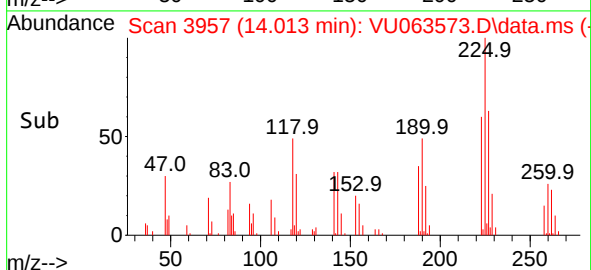
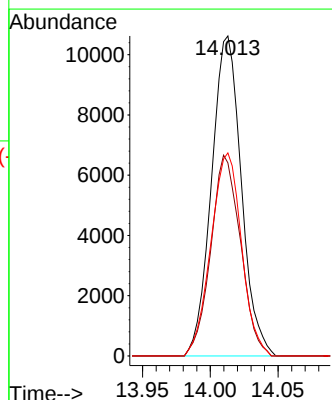
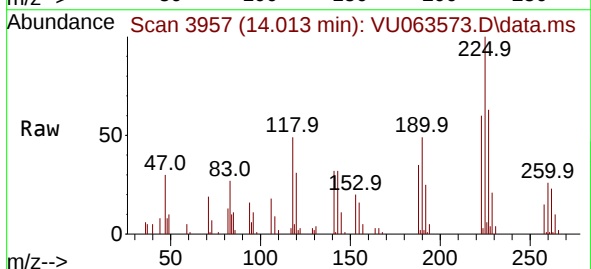
Tgt Ion:225 Resp: 16250

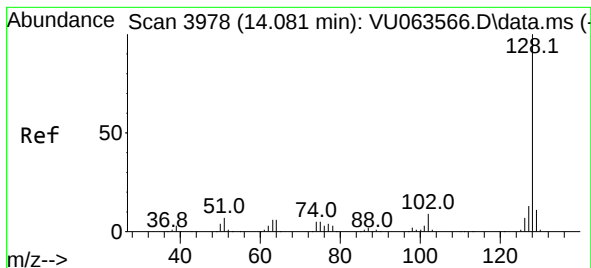
Ion Ratio Lower Upper

225 100

223 62.5 50.2 75.2

227 65.1 51.6 77.4





#89

Naphthalene

Concen: 2.101 ug/l

RT: 14.084 min Scan# 3978

Delta R.T. 0.003 min

Lab File: VU063573.D

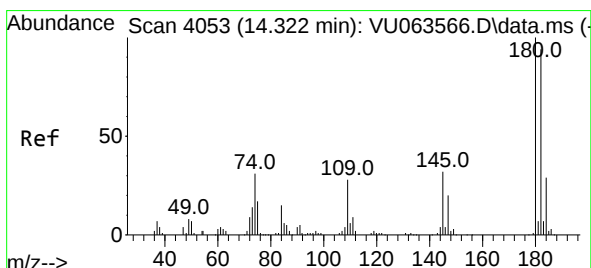
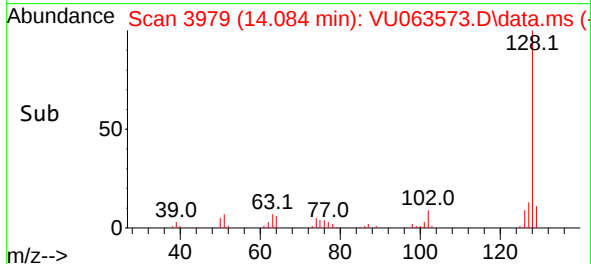
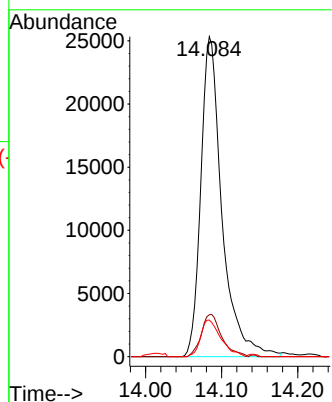
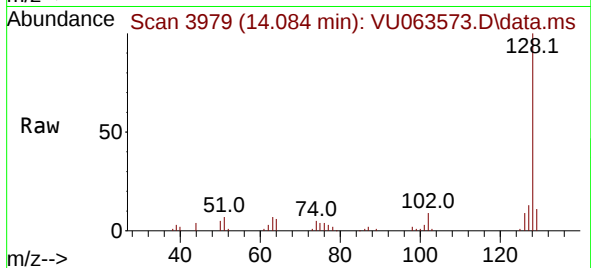
Acq: 15 Sep 2025 12:07

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:128	Resp:	48895
Ion	Ratio	Lower Upper
128	100	
127	12.7	10.2 15.4
129	11.0	8.6 13.0



#90

1,2,3-Trichlorobenzene

Concen: 2.052 ug/l

RT: 14.325 min Scan# 4054

Delta R.T. 0.003 min

Lab File: VU063573.D

Acq: 15 Sep 2025 12:07

Tgt Ion:180	Resp:	25629
Ion	Ratio	Lower Upper
180	100	
182	95.1	76.8 115.2
145	33.2	26.6 40.0

