

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091225\
 Data File : VU063564.D
 Acq On : 12 Sep 2025 10:14
 Operator : MD/SY
 Sample : VSTDICC002
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC002

Quant Time: Sep 13 02:18:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U091225DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Sat Sep 13 02:14:55 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.097	96	37466	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	13780	1.122	ug/l	0.00
Spiked Amount 1.000			Recovery	=	112.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	13835	1.151	ug/l	0.00
Spiked Amount 1.000			Recovery	=	115.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	22179	2.438	ug/l	96
3) Chloromethane	1.518	50	23328	2.642	ug/l	98
4) Vinyl Chloride	1.599	62	23847	2.149	ug/l	100
5) Bromomethane	1.840	94	15207	2.007	ug/l	98
6) Chloroethane	1.920	64	15790	2.027	ug/l	97
7) Trichlorofluoromethane	2.126	101	36950	1.917	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.567	101	20491	1.949	ug/l	96
9) 1,1-Dichloroethene	2.567	96	18134	1.917	ug/l	94
10) Iodomethane	2.708	142	25311	1.701	ug/l	99
11) Allyl Chloride	2.911	41	30518	2.445	ug/l	94
12) Acrylonitrile	3.306	53	10850	4.407	ug/l	98
13) Acetone	2.618	43	28546	7.430	ug/l	99
14) Carbon Disulfide	2.779	76	37254	1.827	ug/l	98
15) Methylene Chloride	3.030	84	24625	1.942	ug/l	97
16) trans-1,2-Dichloroethene	3.335	96	19519	1.887	ug/l	98
17) 1,1-Dichloroethane	3.849	63	44269	2.082	ug/l	98
18) 2-Butanone	4.714	43	38569	9.198	ug/l	100
19) Cyclohexane	5.361	56	32365	1.998	ug/l	92
20) Methylcyclohexane	6.740	83	30212	2.083	ug/l	95
21) 2,2-Dichloropropane	4.644	77	32149	1.898	ug/l	99
22) cis-1,2-Dichloroethene	4.647	96	23503	1.875	ug/l	98
23) Diethyl Ether	2.370	59	16117	2.139	ug/l	99
24) tert-Butyl Alcohol	3.190	59	22362	22.713	ug/l	97
25) Methyl tert-Butyl Ether	3.357	73	54426	2.047	ug/l	94
26) Bromochloromethane	4.959	128	9920	1.873	ug/l	98
27) Chloroform	5.071	83	44289	1.942	ug/l	97
28) 1,1,1-Trichloroethane	5.293	97	33696	1.875	ug/l	100
29) 1,1-Dichloropropene	5.505	75	32585	2.087	ug/l	99
30) Carbon Tetrachloride	5.499	117	24771	1.805	ug/l	99
31) Isopropyl Ether	3.991	45	76333	2.416	ug/l	99
32) Ethyl-t-butyl ether	4.502	59	64341	2.173	ug/l	100
33) Tert-Amyl methyl ether	5.939	73	54745	2.047	ug/l	100
34) Propionitrile	4.772	54	10705	11.103	ug/l #	90
35) Benzene	5.756	78	94017	2.047	ug/l	98
36) 1,2-Dichloroethane	5.782	62	31588	2.122	ug/l	99
37) Trichloroethene	6.525	130	22469	1.930	ug/l	93
38) 1,2-Dichloropropane	6.779	63	23178	2.161	ug/l	96
39) Methacrylonitrile	4.975	41	9201	2.247	ug/l	99
40) Methyl acrylate	4.849	55	12378	1.976	ug/l	96
41) Tetrahydrofuran	5.062	42	10581	4.805	ug/l	95
42) 1-Chlorobutane	5.438	56	45927	2.288	ug/l	100
43) Dibromomethane	6.904	93	11587	2.093	ug/l	99
44) Bromodichloromethane	7.094	83	23149	1.971	ug/l	93

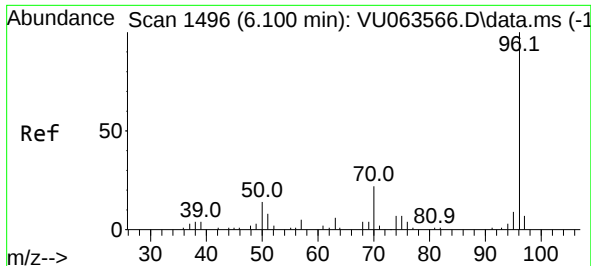
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Quant Time: Sep 13 02:18:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U091225DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Sat Sep 13 02:14:55 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.798	43	70730	12.997	ug/l	98
46) t-1,4-Dichloro-2-butene	10.814	75	20325	8.157	ug/l #	69
47) Methyl methacrylate	6.965	69	18725	3.949	ug/l	95
48) Ethyl methacrylate	8.335	69	17682	2.217	ug/l	100
49) Toluene	7.959	92	48908	2.307	ug/l	96
50) t-1,3-Dichloropropene	8.206	75	17884	2.172	ug/l	98
51) cis-1,3-Dichloropropene	7.598	75	23332	2.181	ug/l	97
52) 1,1,2-Trichloroethane	8.393	97	16612	2.281	ug/l	97
53) 1,3-Dichloropropane	8.569	76	28594	2.381	ug/l	100
54) 2-Hexanone	8.688	43	45528	10.362	ug/l	99
55) Dibromochloromethane	8.801	129	14932	2.136	ug/l	98
56) 1,2-Dibromoethane	8.917	107	14374	2.330	ug/l	97
58) Tetrachloroethene	8.541	164	22123	2.379	ug/l	99
59) Chlorobenzene	9.438	112	56010	2.236	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.524	131	17736	2.159	ug/l	98
61) Pentachloroethane	11.415	117	12875	2.067	ug/l	89
62) Hexachloroethane	12.466	117	10790	1.982	ug/l	93
63) Ethyl Benzene	9.563	91	95917	2.241	ug/l	98
64) m/p-Xylenes	9.685	106	73854	4.487	ug/l	96
65) o-Xylene	10.090	106	37788	2.315	ug/l	96
66) Styrene	10.110	104	56592	2.125	ug/l	97
67) Bromoform	10.283	173	7317	2.086	ug/l	95
69) Isopropylbenzene	10.476	105	90585	2.262	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.772	83	20850	2.222	ug/l	93
71) 1,2,3-Trichloropropane	10.814	75	20325	3.124	ug/l #	85
72) Bromobenzene	10.775	156	23331	2.295	ug/l	98
73) n-propylbenzene	10.897	120	25640	2.180	ug/l	99
74) 2-Chlorotoluene	10.978	126	23084	2.190	ug/l	98
75) 1,3,5-Trimethylbenzene	11.081	105	82491	2.160	ug/l	99
76) 4-Chlorotoluene	11.090	126	24974	2.240	ug/l	94
77) tert-Butylbenzene	11.412	119	80240	2.162	ug/l	98
78) 1,2,4-Trimethylbenzene	11.460	105	79542	2.093	ug/l	100
79) sec-Butylbenzene	11.634	105	110107	2.194	ug/l	100
80) Nitrobenzene	13.212	77	1347	9.980	ug/l #	90
81) p-Isopropyltoluene	11.785	119	85559	2.107	ug/l	98
82) 1,3-Dichlorobenzene	11.740	146	46986	2.232	ug/l	98
83) 1,4-Dichlorobenzene	11.830	146	48505	2.272	ug/l	96
84) n-Butylbenzene	12.203	91	77627	2.017	ug/l	99
85) 1,2-Dichlorobenzene	12.206	146	45328	2.221	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.987	75	2729	2.218	ug/l	85
87) 1,2,4-Trichlorobenzene	13.836	180	25905	2.159	ug/l	98
88) Hexachlorobutadiene	14.013	225	16155	2.213	ug/l	97
89) Naphthalene	14.087	128	43958	2.019	ug/l	99
90) 1,2,3-Trichlorobenzene	14.322	180	24676	2.224	ug/l	98

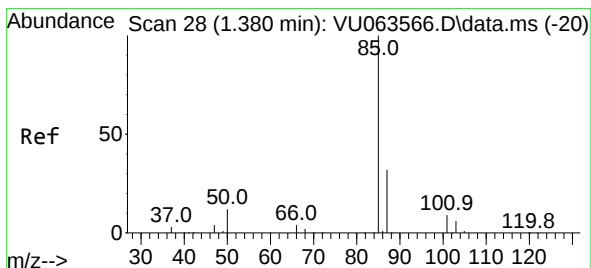
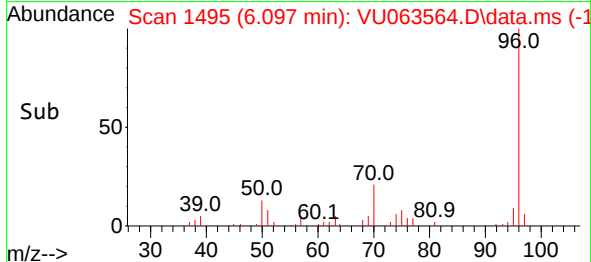
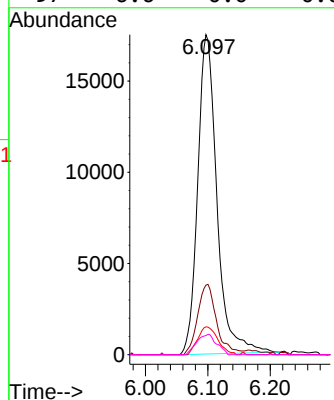
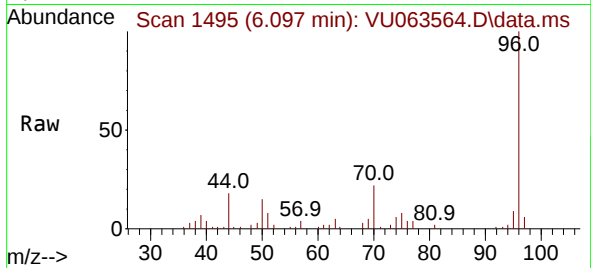
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#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.097 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU063564.D
Acq: 12 Sep 2025 10:14

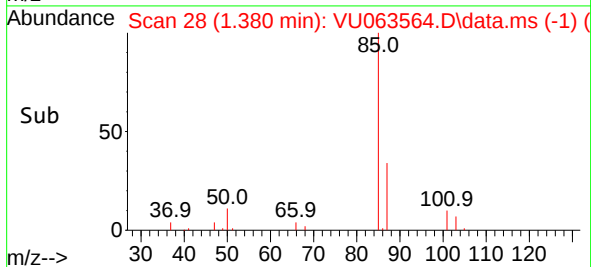
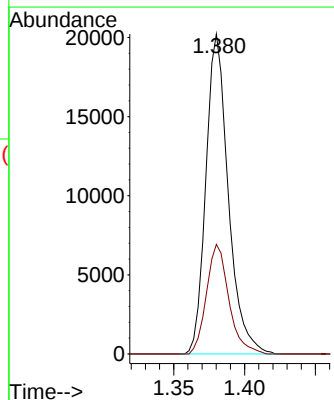
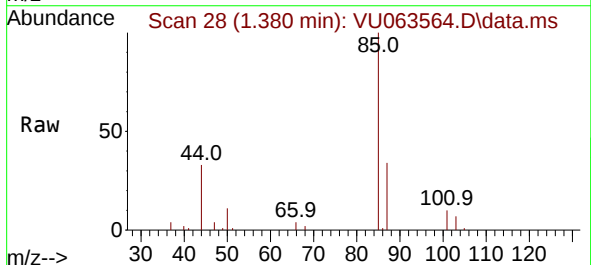
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

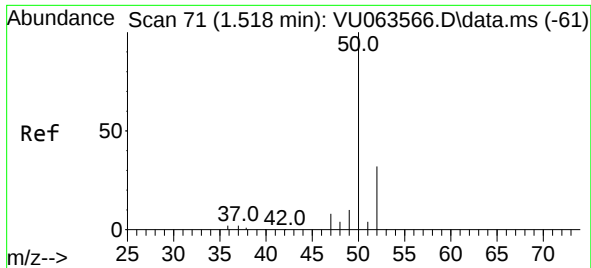
Tgt Ion:	96	Resp:	37466
Ion	Ratio	Lower	Upper
96	100		
70	20.3	15.5	23.3
95	9.1	7.7	11.5
97	6.6	0.0	0.0



#2
Dichlorodifluoromethane
Concen: 2.438 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU063564.D
Acq: 12 Sep 2025 10:14

Tgt Ion:	85	Resp:	22179
Ion	Ratio	Lower	Upper
85	100		
87	34.2	16.1	48.2

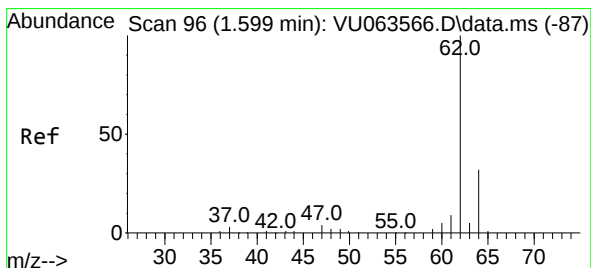
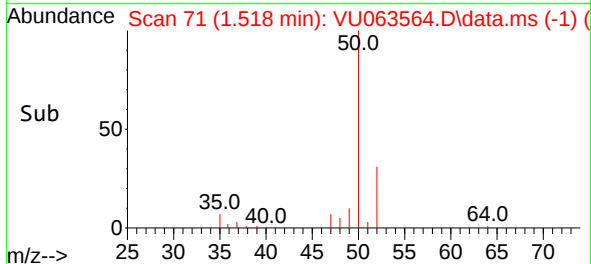
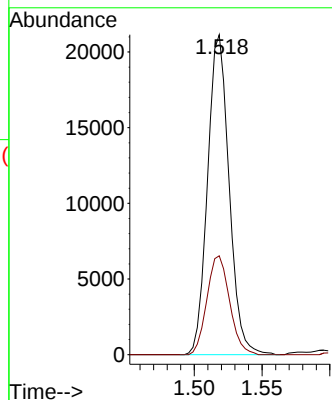
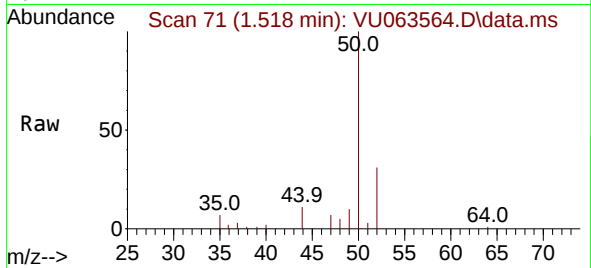




#3
Chloromethane
Concen: 2.642 ug/l
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU063564.D
Acq: 12 Sep 2025 10:14

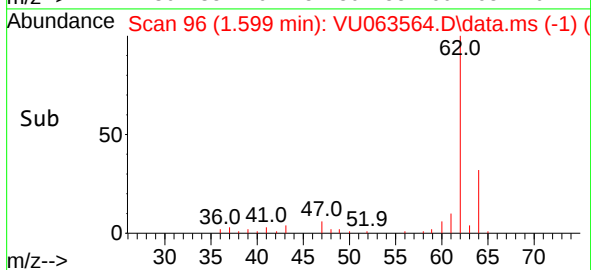
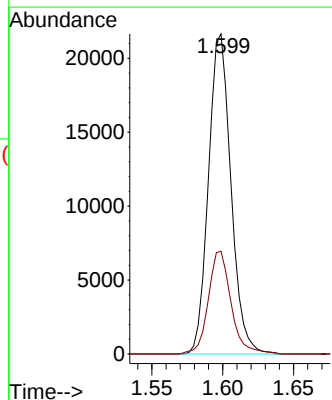
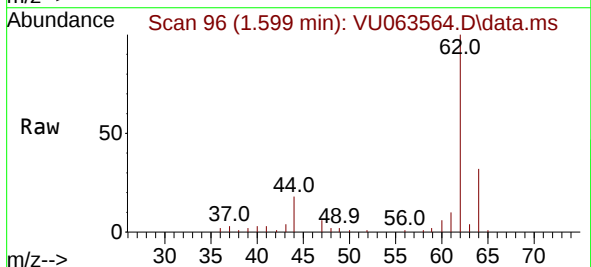
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

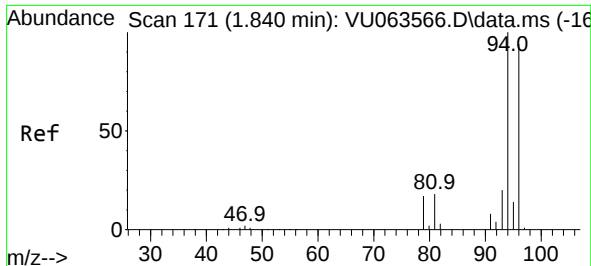
Tgt Ion: 50 Resp: 23328
Ion Ratio Lower Upper
50 100
52 30.9 25.6 38.4



#4
Vinyl Chloride
Concen: 2.149 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063564.D
Acq: 12 Sep 2025 10:14

Tgt Ion: 62 Resp: 23847
Ion Ratio Lower Upper
62 100
64 32.1 25.5 38.3

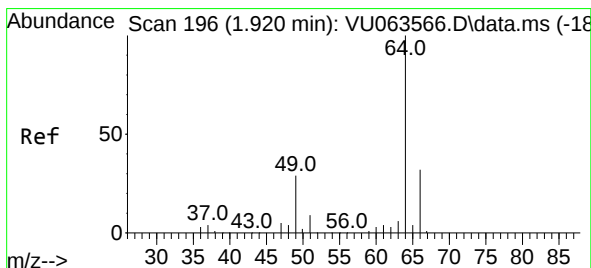
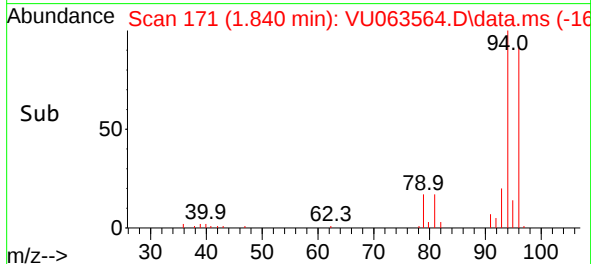
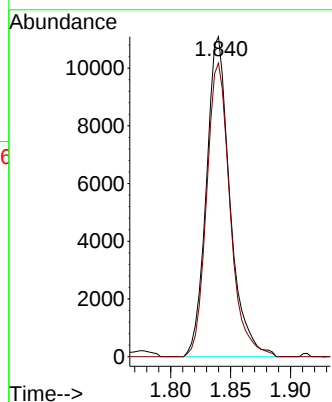
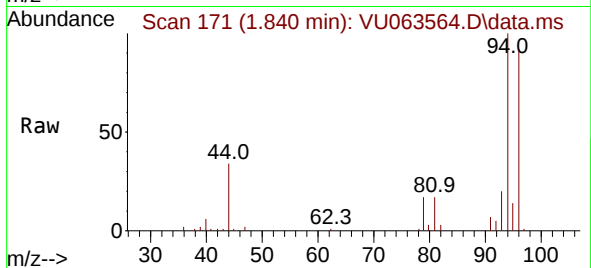




#5
Bromomethane
Concen: 2.007 ug/l
RT: 1.840 min Scan# 171
Delta R.T. -0.000 min
Lab File: VU063564.D
Acq: 12 Sep 2025 10:14

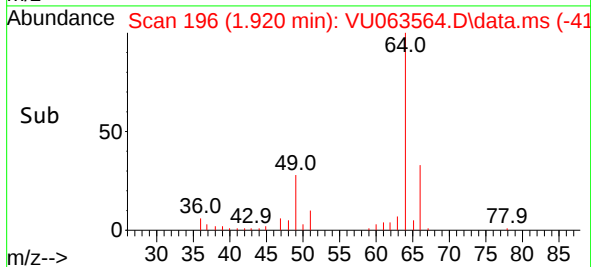
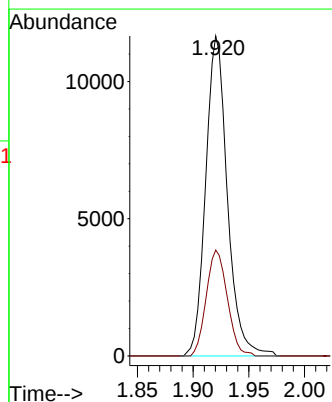
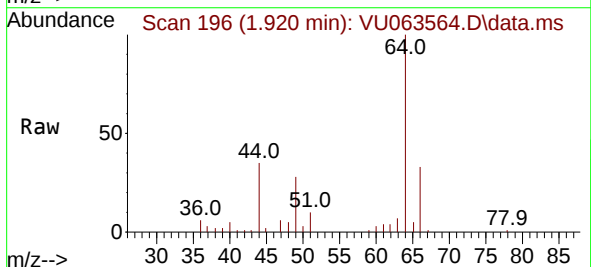
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

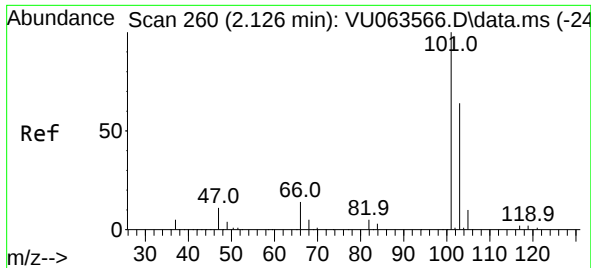
Tgt Ion: 94 Resp: 15207
Ion Ratio Lower Upper
94 100
96 91.7 75.1 112.7



#6
Chloroethane
Concen: 2.027 ug/l
RT: 1.920 min Scan# 196
Delta R.T. -0.000 min
Lab File: VU063564.D
Acq: 12 Sep 2025 10:14

Tgt Ion: 64 Resp: 15790
Ion Ratio Lower Upper
64 100
66 33.1 25.4 38.0

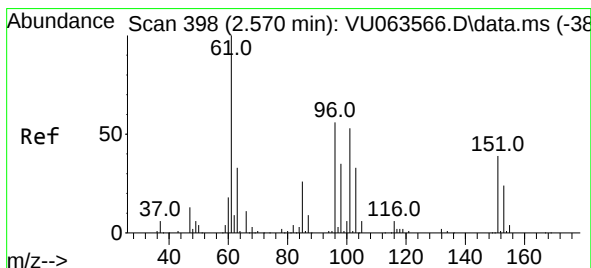
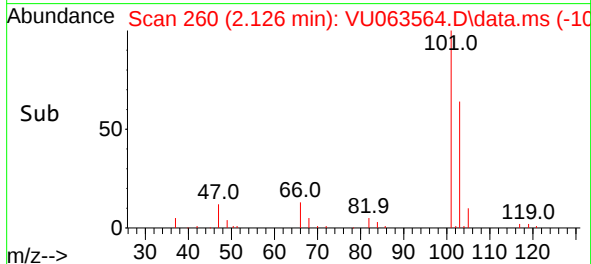
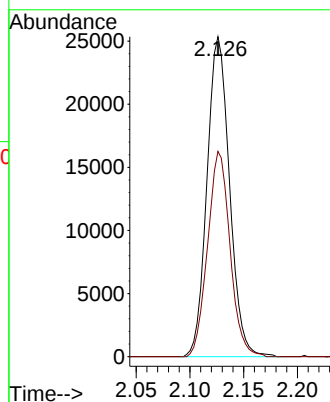
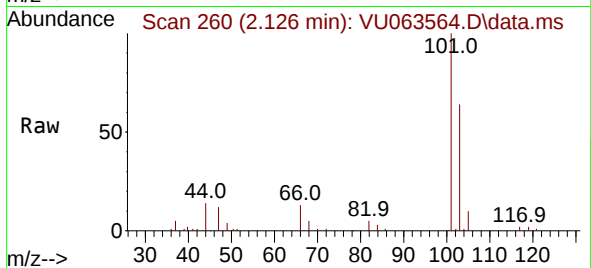




#7
 Trichlorofluoromethane
 Concen: 1.917 ug/l
 RT: 2.126 min Scan# 210
 Delta R.T. -0.000 min
 Lab File: VU063564.D
 Acq: 12 Sep 2025 10:14

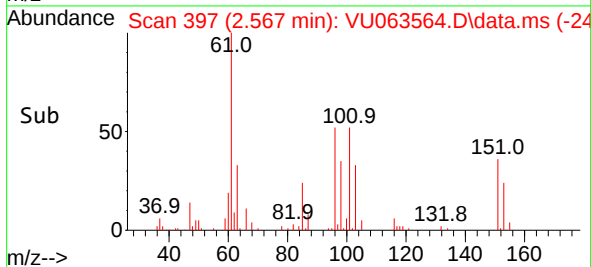
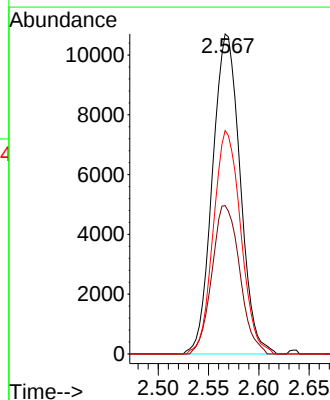
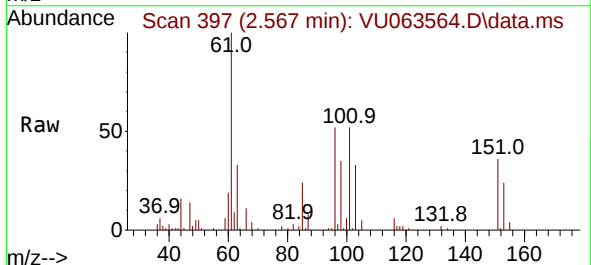
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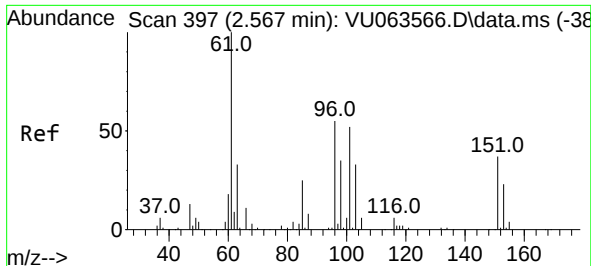
Tgt Ion:101 Resp: 36950
 Ion Ratio Lower Upper
 101 100
 103 64.1 50.8 76.2



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.949 ug/l
 RT: 2.567 min Scan# 397
 Delta R.T. -0.003 min
 Lab File: VU063564.D
 Acq: 12 Sep 2025 10:14

Tgt Ion:101 Resp: 20491
 Ion Ratio Lower Upper
 101 100
 85 46.5 38.7 58.1
 151 69.2 58.2 87.2





#9

1,1-Dichloroethene

Concen: 1.917 ug/l

RT: 2.567 min Scan# 397

Delta R.T. -0.000 min

Lab File: VU063564.D

Acq: 12 Sep 2025 10:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

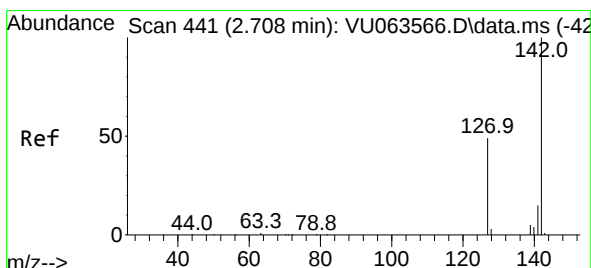
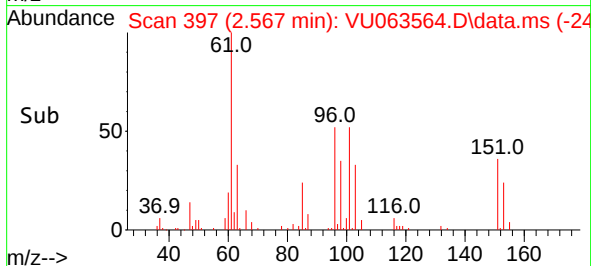
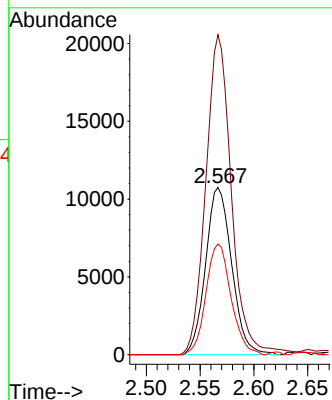
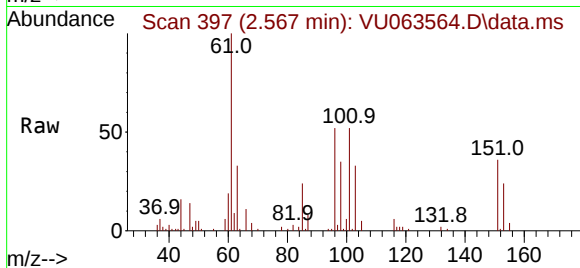
Tgt Ion: 96 Resp: 18134

Ion Ratio Lower Upper

96 100

61 191.3 0.0 543.9

98 66.2 0.0 125.8



#10

Iodomethane

Concen: 1.701 ug/l

RT: 2.708 min Scan# 441

Delta R.T. -0.000 min

Lab File: VU063564.D

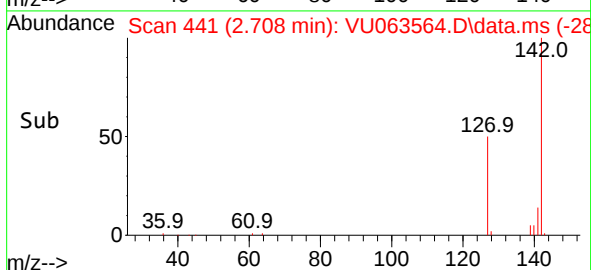
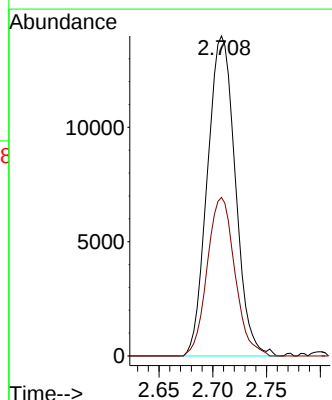
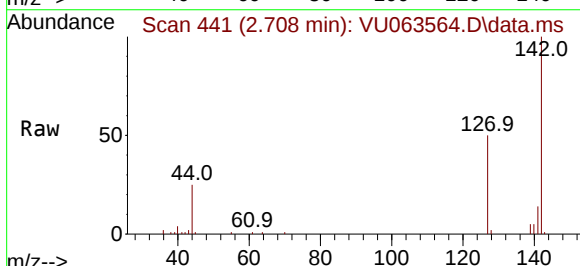
Acq: 12 Sep 2025 10:14

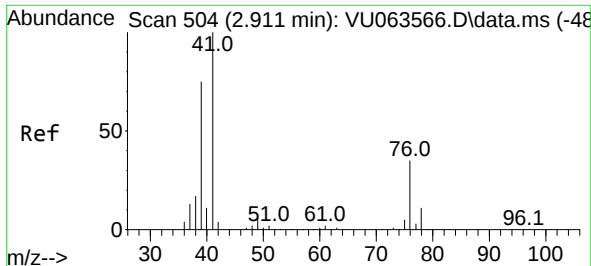
Tgt Ion: 142 Resp: 25311

Ion Ratio Lower Upper

142 100

127 49.0 38.6 58.0





#11

Allyl Chloride

Concen: 2.445 ug/l

RT: 2.911 min Scan# 504

Delta R.T. -0.000 min

Lab File: VU063564.D

Acq: 12 Sep 2025 10:14

Instrument :

MSVOA_U

ClientSampleId :

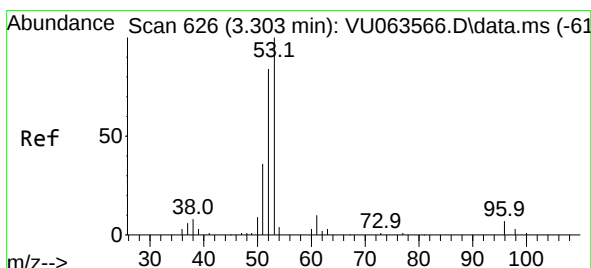
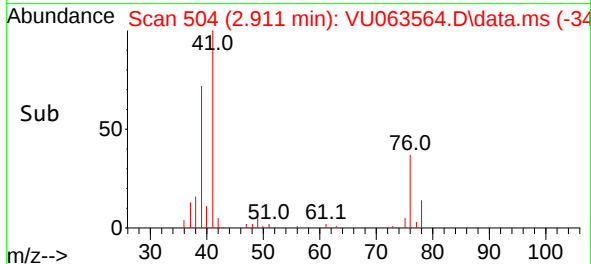
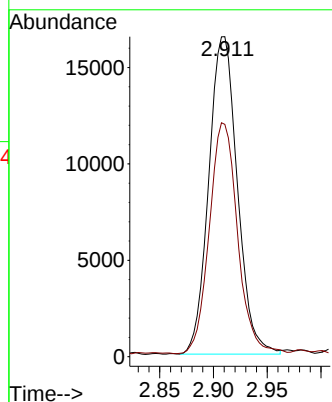
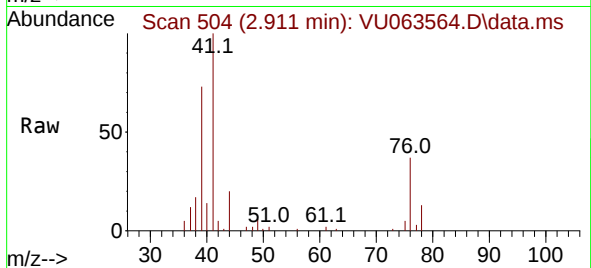
VSTDIC002

Tgt Ion: 41 Resp: 30518

Ion Ratio Lower Upper

41 100

39 71.6 61.2 91.8



#12

Acrylonitrile

Concen: 4.407 ug/l

RT: 3.306 min Scan# 627

Delta R.T. 0.003 min

Lab File: VU063564.D

Acq: 12 Sep 2025 10:14

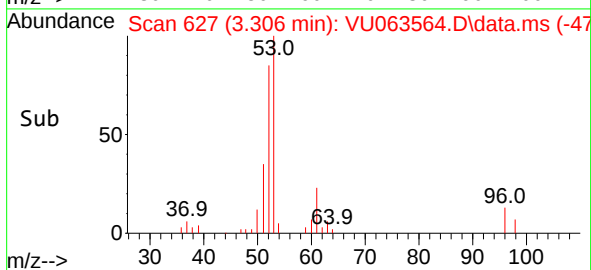
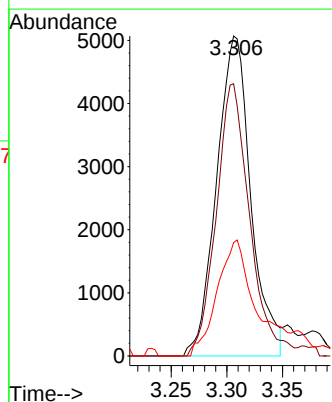
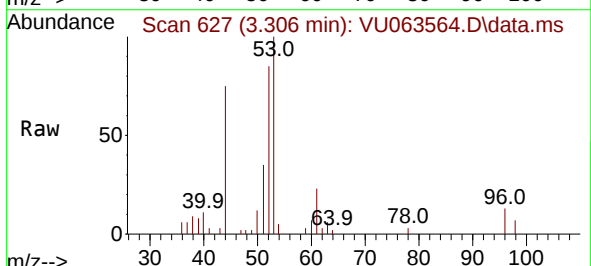
Tgt Ion: 53 Resp: 10850

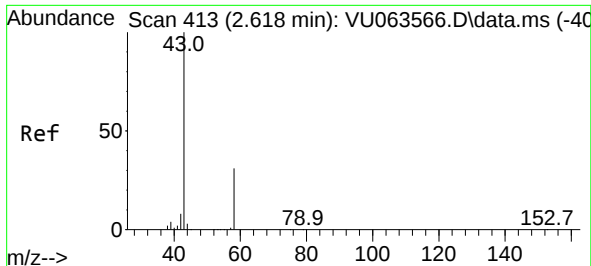
Ion Ratio Lower Upper

53 100

52 82.7 65.0 97.4

51 41.1 31.2 46.8





#13

Acetone

Concen: 7.430 ug/l

RT: 2.618 min Scan# 413

Delta R.T. -0.000 min

Lab File: VU063564.D

Acq: 12 Sep 2025 10:14

Instrument :

MSVOA_U

ClientSampleId :

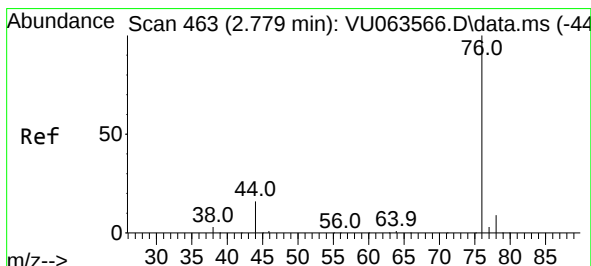
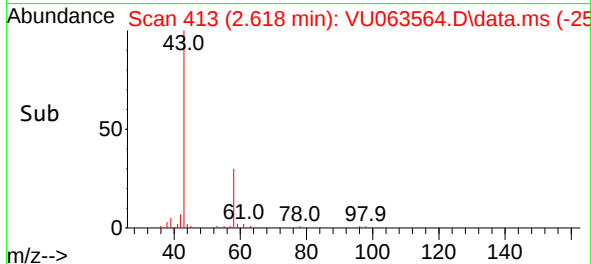
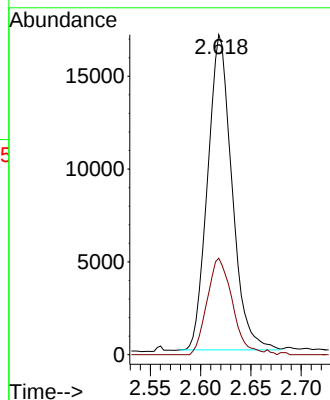
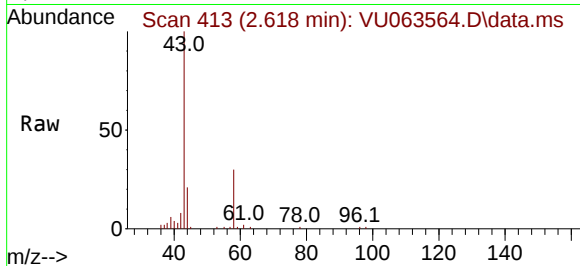
VSTDICC002

Tgt Ion: 43 Resp: 28546

Ion Ratio Lower Upper

43 100

58 30.6 24.7 37.1



#14

Carbon Disulfide

Concen: 1.827 ug/l

RT: 2.779 min Scan# 463

Delta R.T. -0.000 min

Lab File: VU063564.D

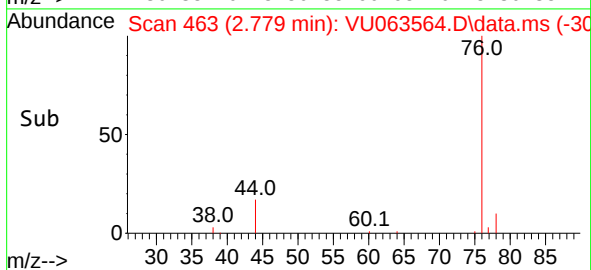
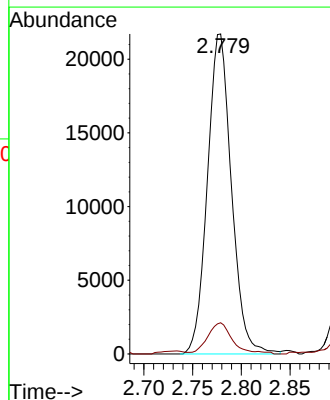
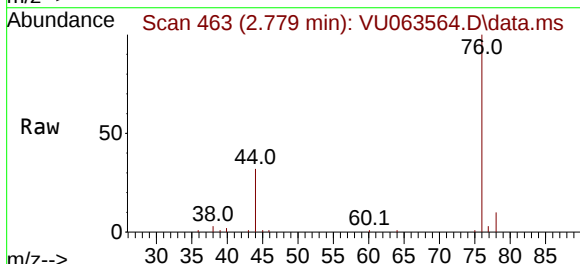
Acq: 12 Sep 2025 10:14

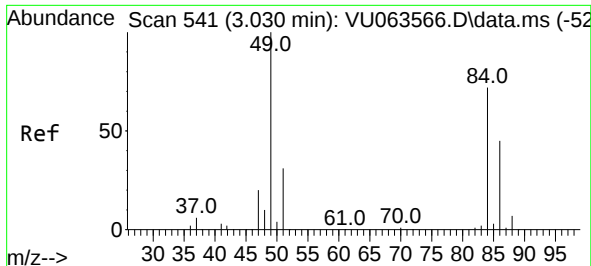
Tgt Ion: 76 Resp: 37254

Ion Ratio Lower Upper

76 100

78 9.7 7.3 10.9

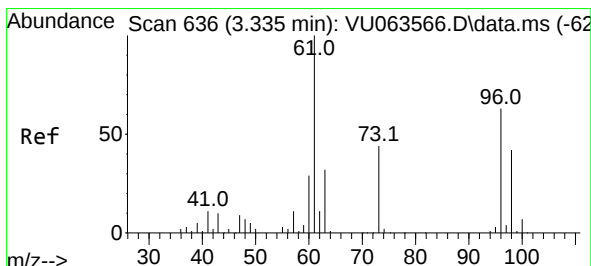
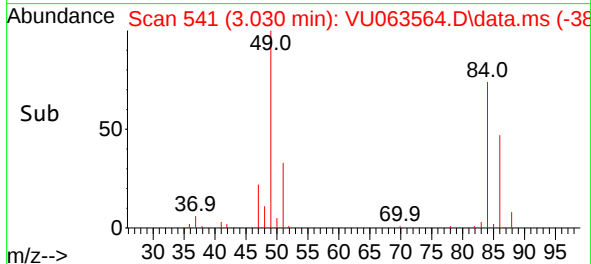
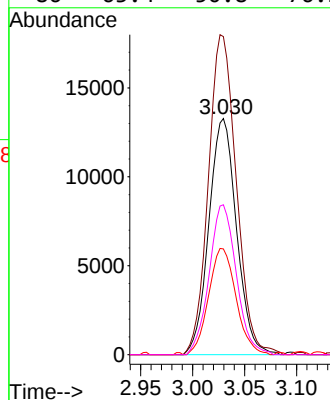
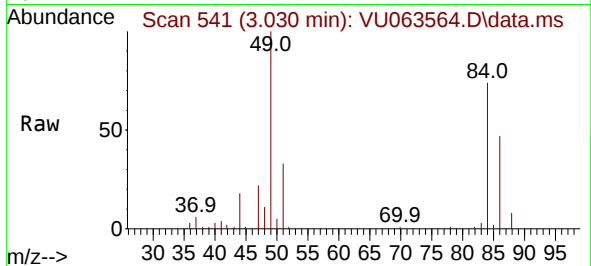




#15
Methylene Chloride
Concen: 1.942 ug/l
RT: 3.030 min Scan# 541
Delta R.T. -0.000 min
Lab File: VU063564.D
Acq: 12 Sep 2025 10:14

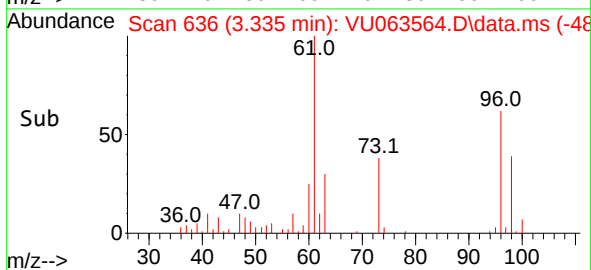
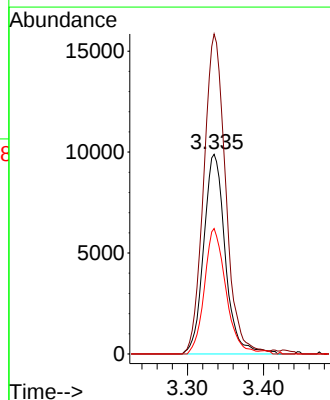
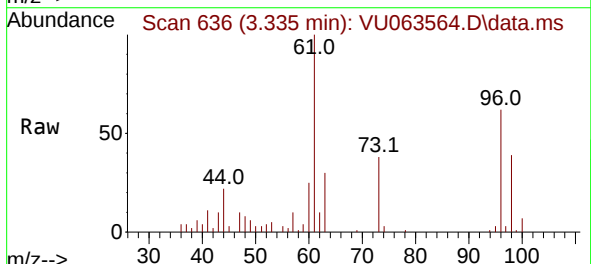
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

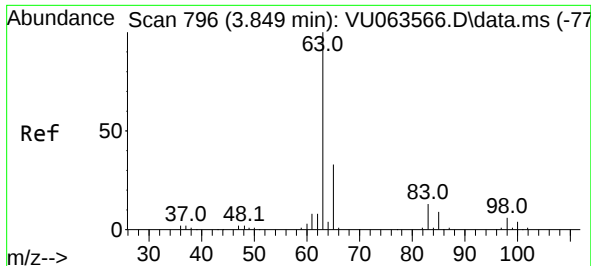
Tgt Ion:	84	Resp:	24625
Ion	Ratio	Lower	Upper
84	100		
49	134.6	111.8	167.6
51	43.9	0.0	86.0
86	63.4	50.8	76.2



#16
trans-1,2-Dichloroethene
Concen: 1.887 ug/l
RT: 3.335 min Scan# 636
Delta R.T. -0.000 min
Lab File: VU063564.D
Acq: 12 Sep 2025 10:14

Tgt Ion:	96	Resp:	19519
Ion	Ratio	Lower	Upper
96	100		
61	160.2	127.8	191.6
98	62.8	53.8	80.8

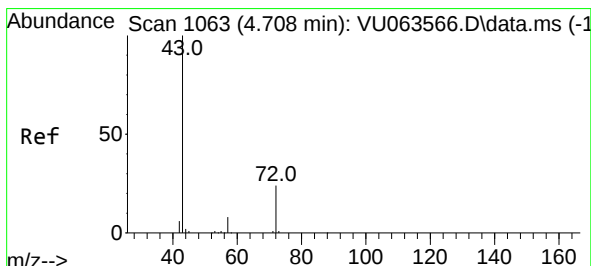
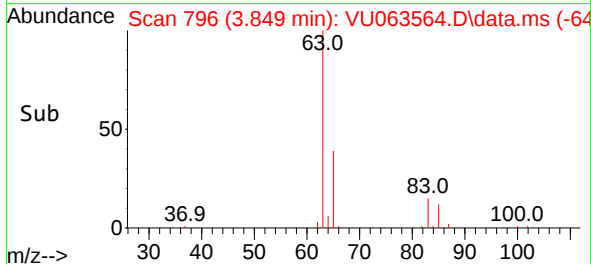
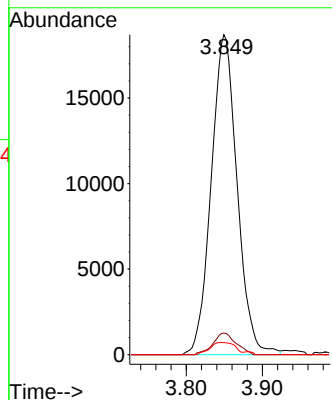
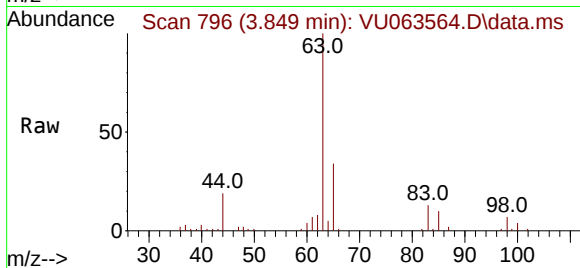




#17
 1,1-Dichloroethane
 Concen: 2.082 ug/l
 RT: 3.849 min Scan# 796
 Delta R.T. -0.000 min
 Lab File: VU063564.D
 Acq: 12 Sep 2025 10:14

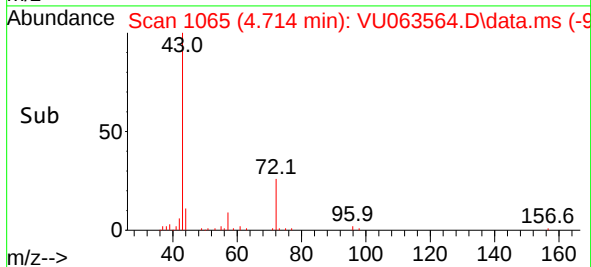
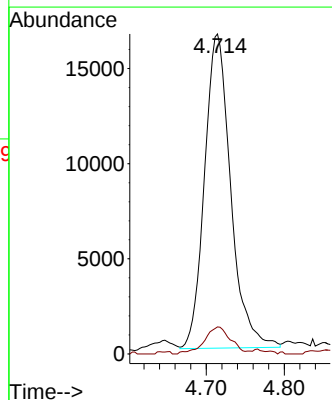
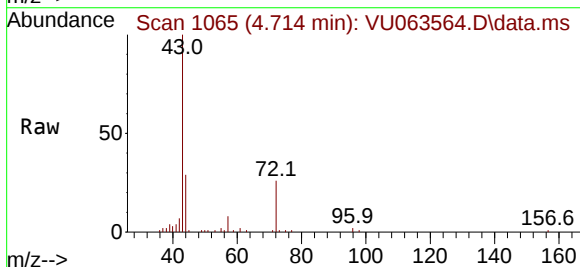
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

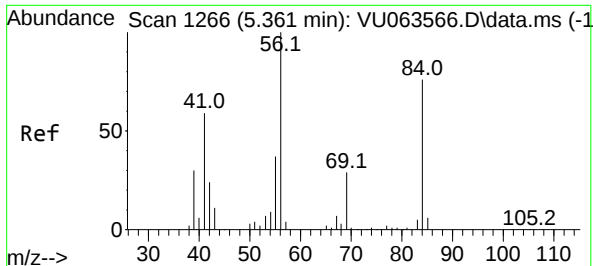
Tgt Ion:	63	Resp:	44269
Ion	Ratio	Lower	Upper
63	100		
98	6.7	2.9	8.8
100	3.8	2.0	5.8



#18
 2-Butanone
 Concen: 9.198 ug/l
 RT: 4.714 min Scan# 1065
 Delta R.T. 0.006 min
 Lab File: VU063564.D
 Acq: 12 Sep 2025 10:14

Tgt Ion:	43	Resp:	38569
Ion	Ratio	Lower	Upper
43	100		
57	8.0	0.0	15.8





#19

Cyclohexane

Concen: 1.998 ug/l

RT: 5.361 min Scan# 1266

Delta R.T. -0.000 min

Lab File: VU063564.D

Acq: 12 Sep 2025 10:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

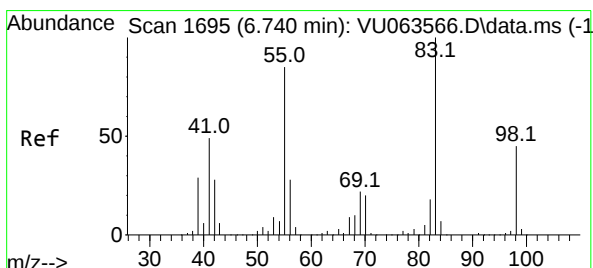
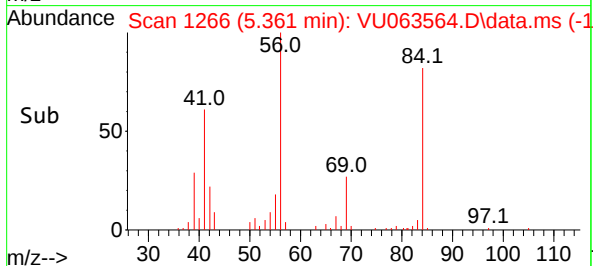
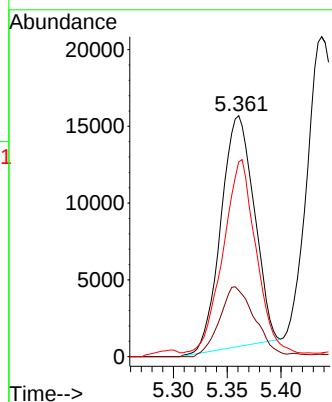
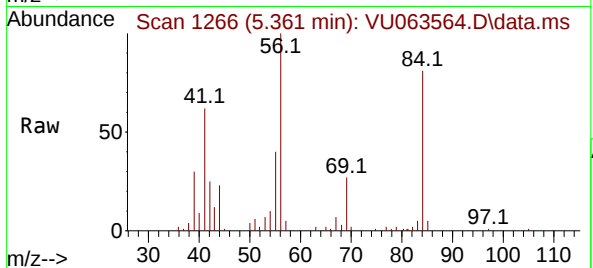
Tgt Ion: 56 Resp: 32365

Ion Ratio Lower Upper

56 100

69 30.7 22.7 34.1

84 82.5 59.4 89.0



#20

Methylcyclohexane

Concen: 2.083 ug/l

RT: 6.740 min Scan# 1695

Delta R.T. -0.000 min

Lab File: VU063564.D

Acq: 12 Sep 2025 10:14

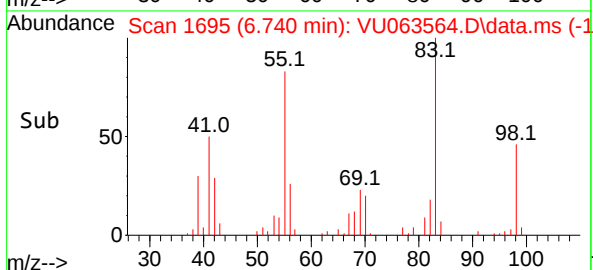
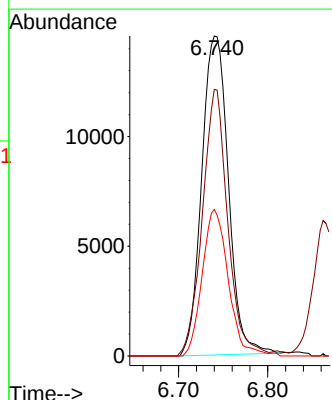
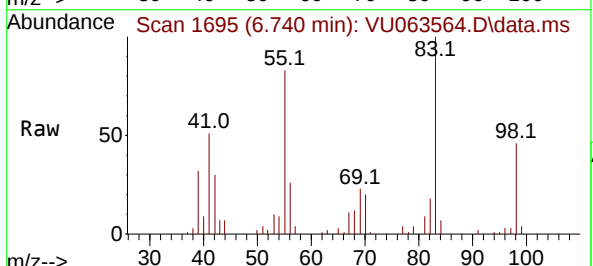
Tgt Ion: 83 Resp: 30212

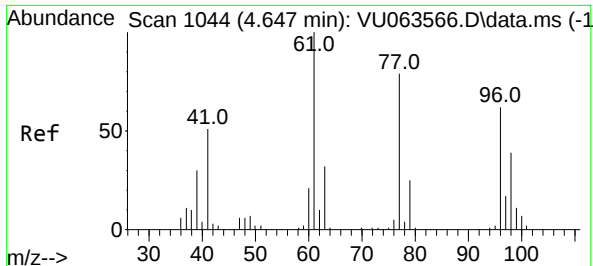
Ion Ratio Lower Upper

83 100

55 77.8 66.7 100.1

98 43.7 35.9 53.9





#21

2,2-Dichloropropane

Concen: 1.898 ug/l

RT: 4.644 min Scan# 1043

Delta R.T. -0.003 min

Lab File: VU063564.D

Acq: 12 Sep 2025 10:14

Instrument :

MSVOA_U

ClientSampleId :

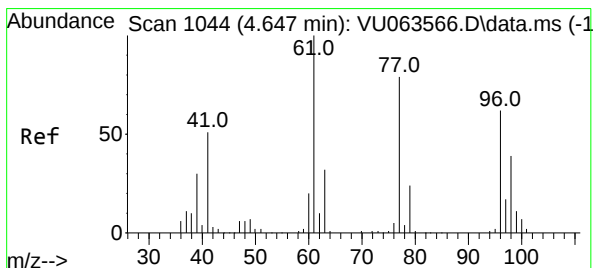
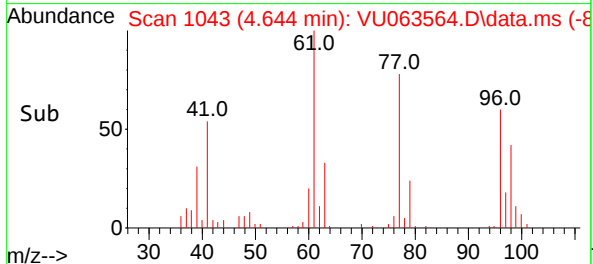
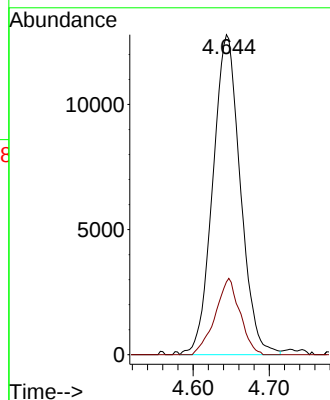
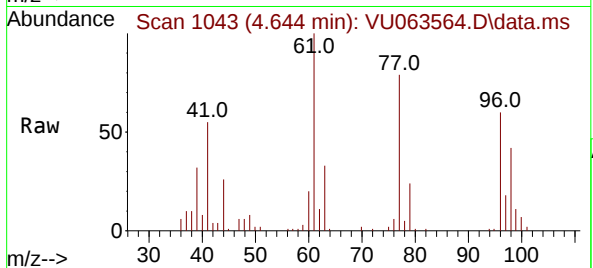
VSTDIC002

Tgt Ion: 77 Resp: 32149

Ion Ratio Lower Upper

77 100

97 21.4 17.5 26.3



#22

cis-1,2-Dichloroethene

Concen: 1.875 ug/l

RT: 4.647 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VU063564.D

Acq: 12 Sep 2025 10:14

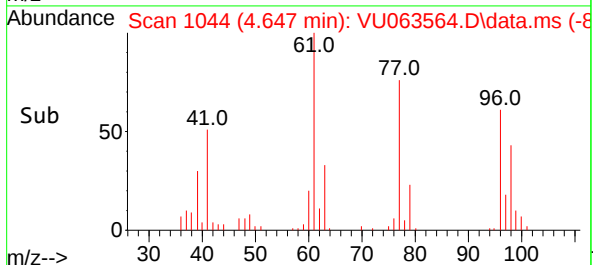
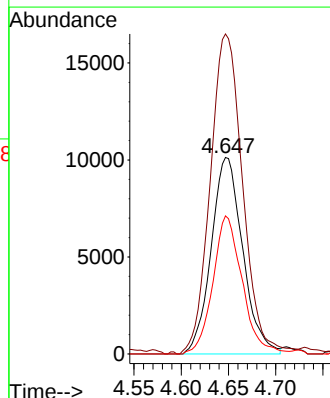
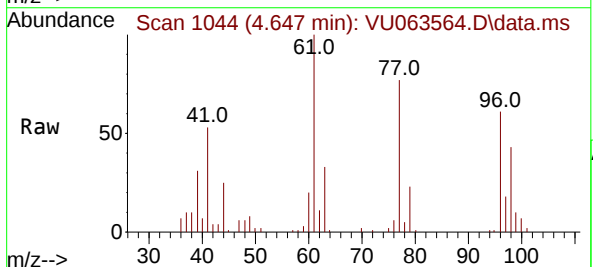
Tgt Ion: 96 Resp: 23503

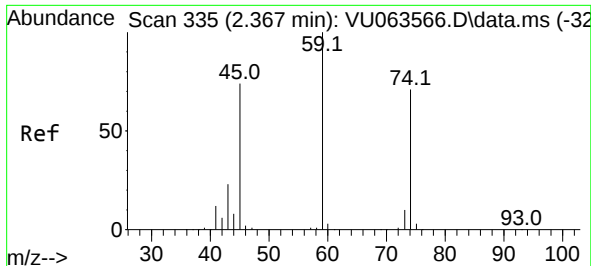
Ion Ratio Lower Upper

96 100

61 167.4 0.0 411.0

98 65.3 31.9 95.9





#23

Diethyl Ether

Concen: 2.139 ug/l

RT: 2.370 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU063564.D

Acq: 12 Sep 2025 10:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

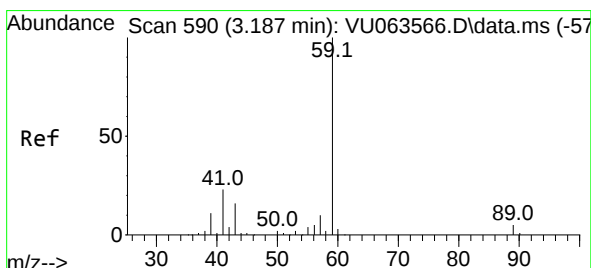
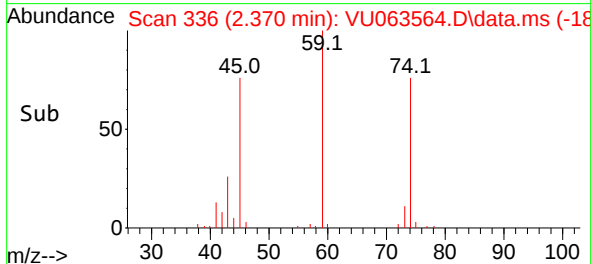
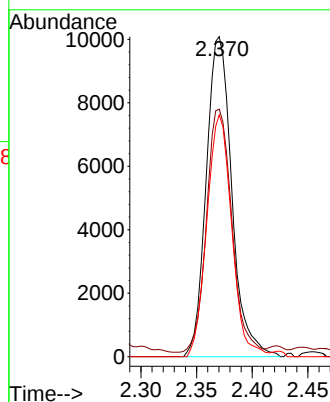
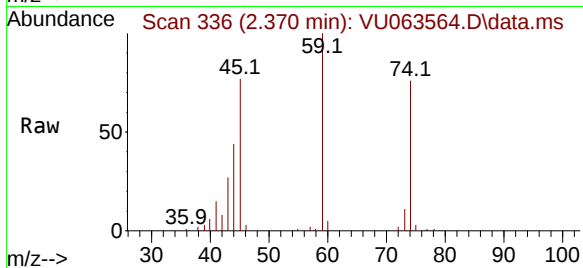
Tgt Ion: 59 Resp: 16117

Ion Ratio Lower Upper

59 100

45 74.6 59.0 88.6

74 73.4 57.8 86.6



#24

tert-Butyl Alcohol

Concen: 22.713 ug/l

RT: 3.190 min Scan# 591

Delta R.T. 0.003 min

Lab File: VU063564.D

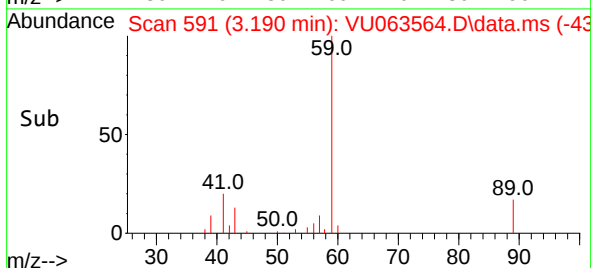
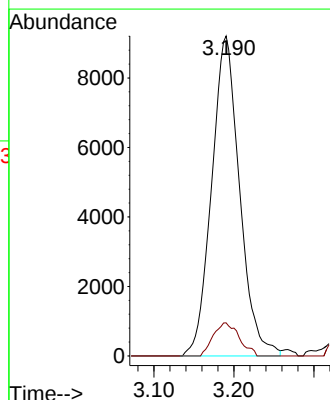
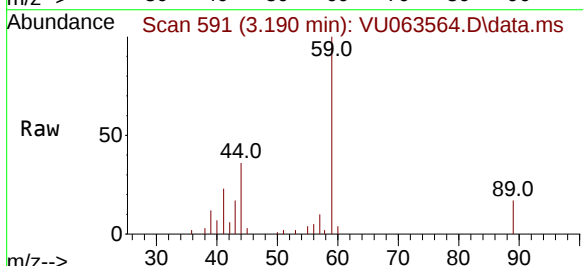
Acq: 12 Sep 2025 10:14

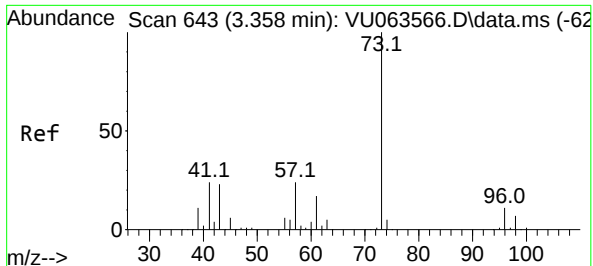
Tgt Ion: 59 Resp: 22362

Ion Ratio Lower Upper

59 100

57 9.6 8.6 12.8

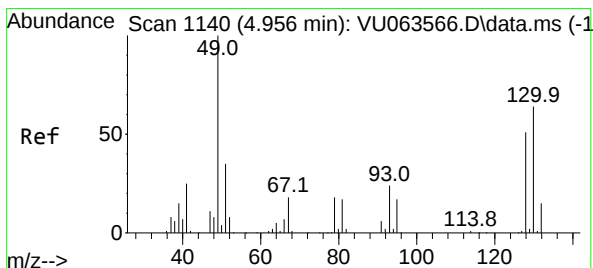
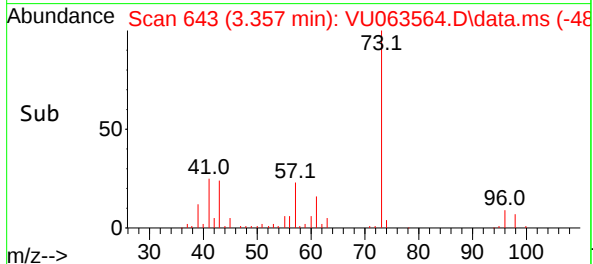
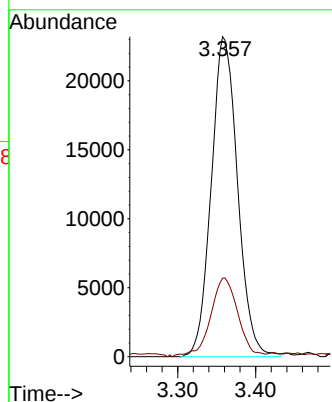
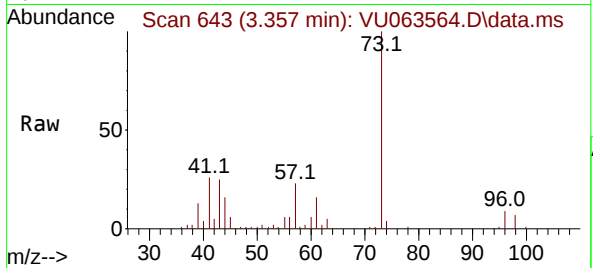




#25
Methyl tert-Butyl Ether
Concen: 2.047 ug/l
RT: 3.357 min Scan# 64
Delta R.T. -0.000 min
Lab File: VU063564.D
Acq: 12 Sep 2025 10:14

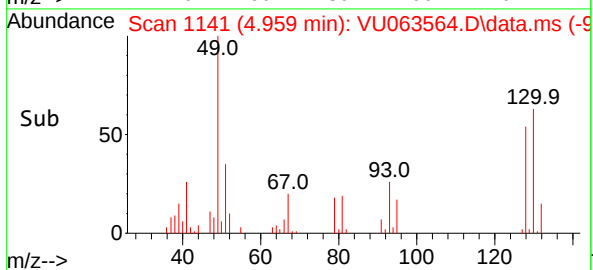
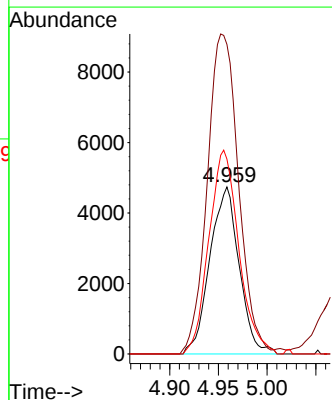
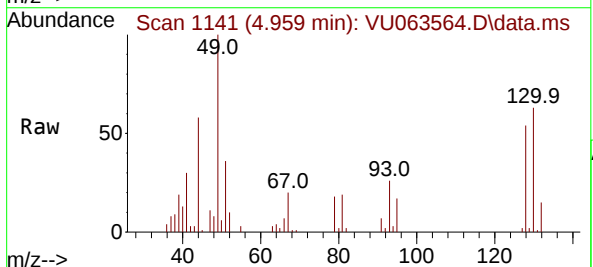
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

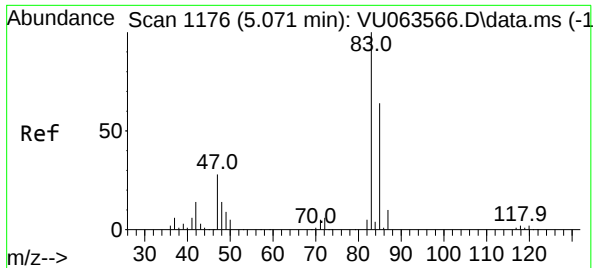
Tgt Ion: 73 Resp: 54426
Ion Ratio Lower Upper
73 100
43 25.6 18.1 27.1



#26
Bromochloromethane
Concen: 1.873 ug/l
RT: 4.959 min Scan# 1141
Delta R.T. 0.003 min
Lab File: VU063564.D
Acq: 12 Sep 2025 10:14

Tgt Ion: 128 Resp: 9920
Ion Ratio Lower Upper
128 100
49 204.2 0.0 410.2
130 125.1 103.4 155.0





#27

Chloroform

Concen: 1.942 ug/l

RT: 5.071 min Scan# 1176

Delta R.T. -0.000 min

Lab File: VU063564.D

Acq: 12 Sep 2025 10:14

Instrument :

MSVOA_U

ClientSampleId :

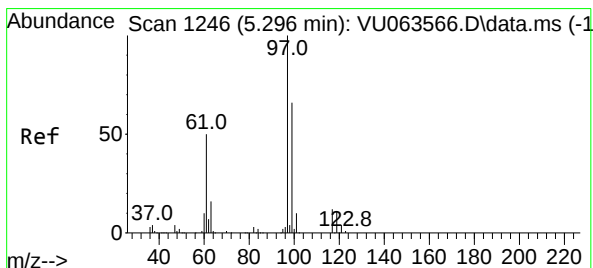
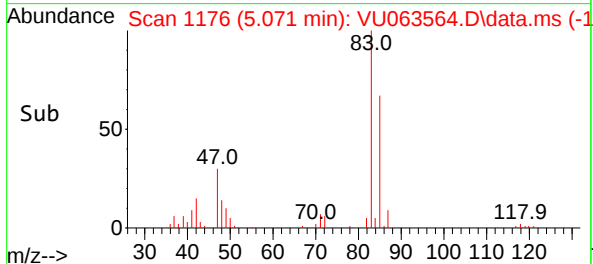
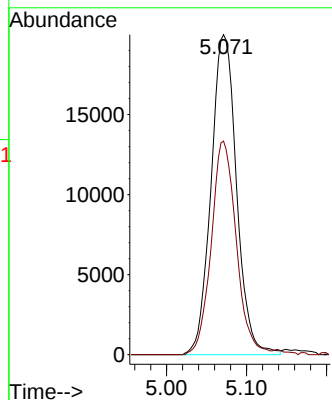
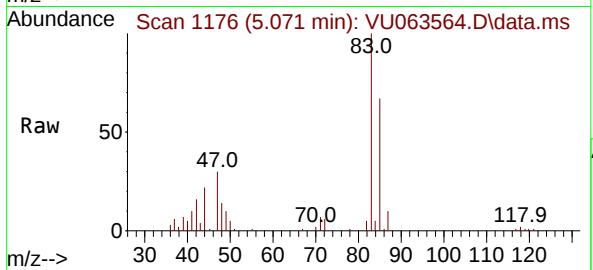
VSTDIC002

Tgt Ion: 83 Resp: 44289

Ion Ratio Lower Upper

83 100

85 66.8 0.0 128.6



#28

1,1,1-Trichloroethane

Concen: 1.875 ug/l

RT: 5.293 min Scan# 1245

Delta R.T. -0.003 min

Lab File: VU063564.D

Acq: 12 Sep 2025 10:14

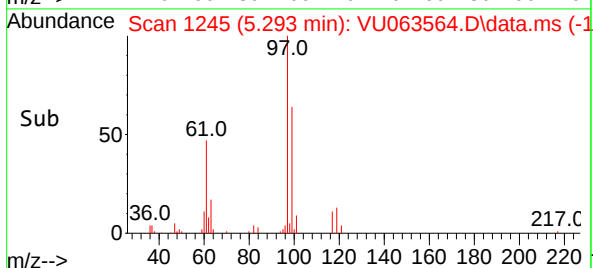
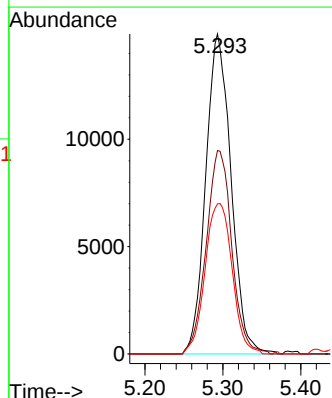
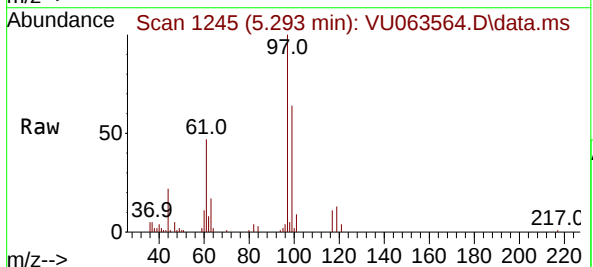
Tgt Ion: 97 Resp: 33696

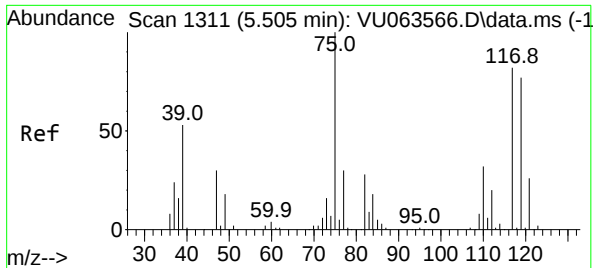
Ion Ratio Lower Upper

97 100

99 64.2 32.4 97.0

61 50.3 25.1 75.4

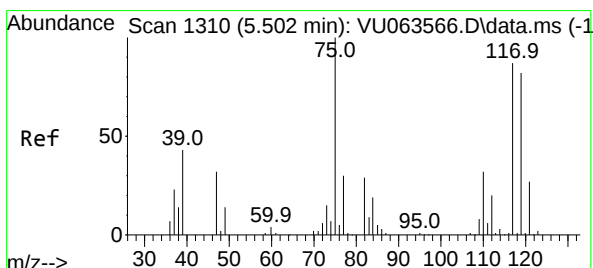
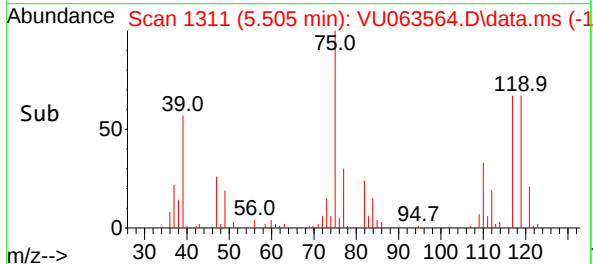
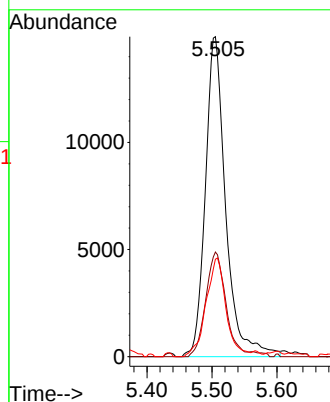
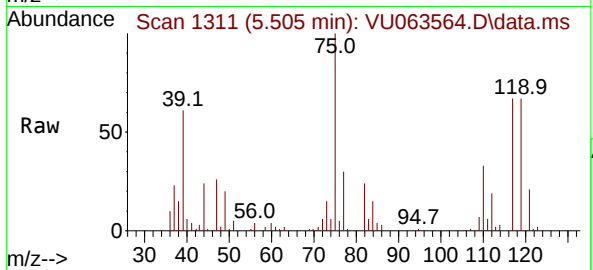




#29
1,1-Dichloropropene
Concen: 2.087 ug/l
RT: 5.505 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU063564.D
Acq: 12 Sep 2025 10:14

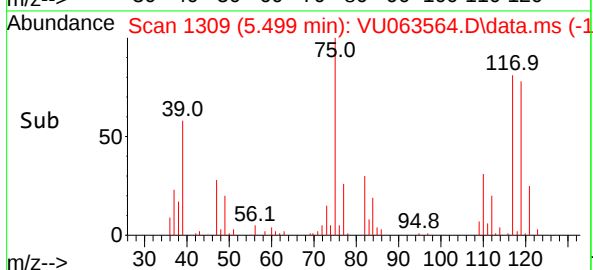
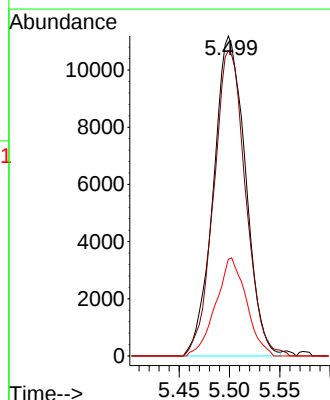
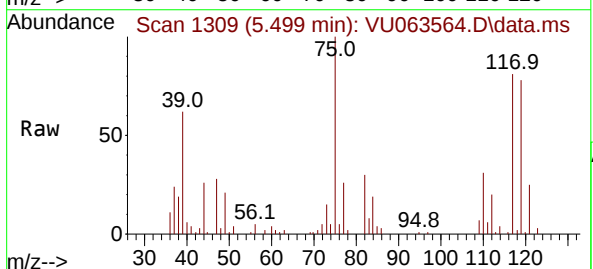
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

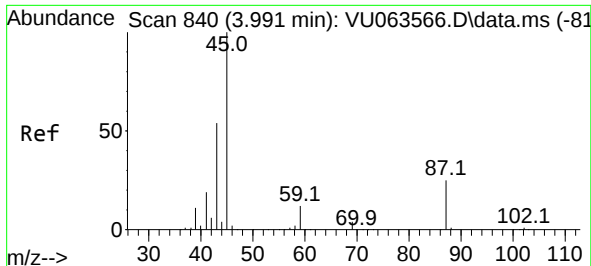
Tgt Ion: 75 Resp: 32585
Ion Ratio Lower Upper
75 100
110 32.0 16.4 49.4
77 30.2 24.6 37.0



#30
Carbon Tetrachloride
Concen: 1.805 ug/l
RT: 5.499 min Scan# 1309
Delta R.T. -0.003 min
Lab File: VU063564.D
Acq: 12 Sep 2025 10:14

Tgt Ion: 117 Resp: 24771
Ion Ratio Lower Upper
117 100
119 95.4 75.7 113.5
121 30.3 25.4 38.0

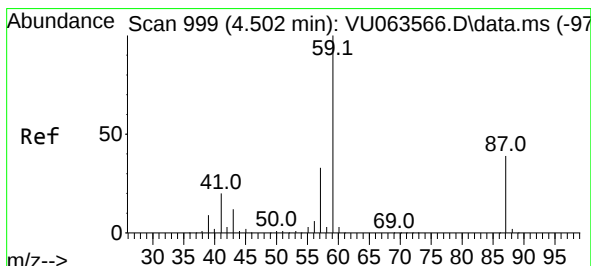
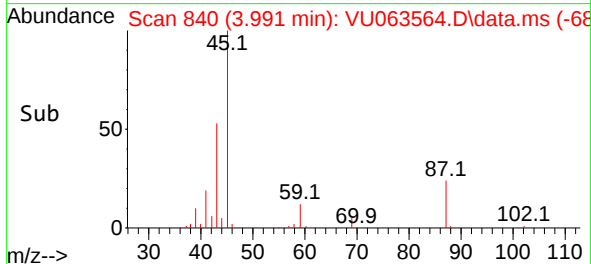
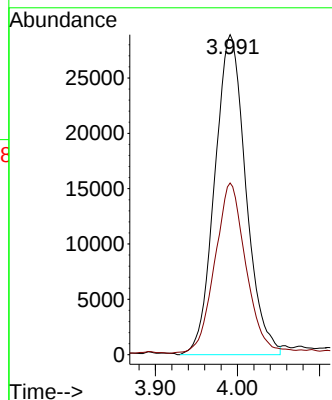
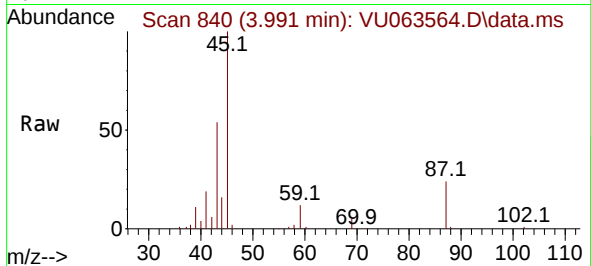




#31
Isopropyl Ether
Concen: 2.416 ug/l
RT: 3.991 min Scan# 840
Delta R.T. -0.000 min
Lab File: VU063564.D
Acq: 12 Sep 2025 10:14

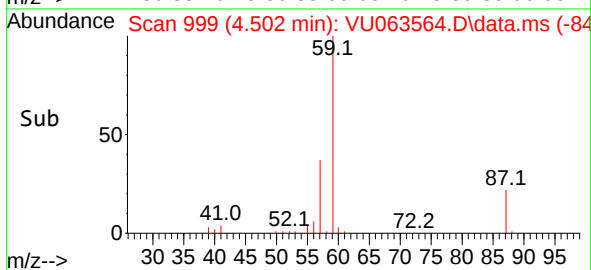
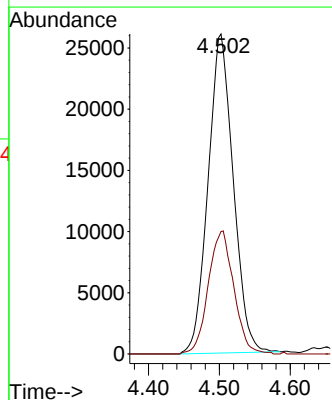
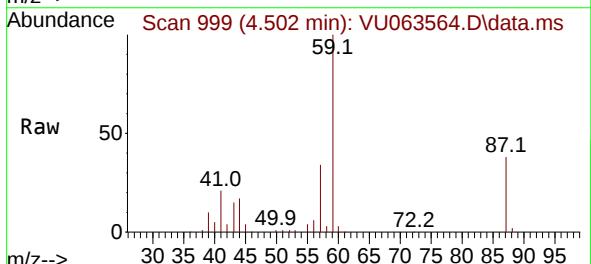
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

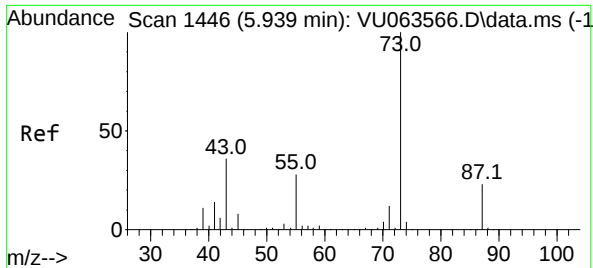
Tgt Ion: 45 Resp: 76333
Ion Ratio Lower Upper
45 100
43 53.2 26.2 78.6



#32
Ethyl-t-butyl ether
Concen: 2.173 ug/l
RT: 4.502 min Scan# 999
Delta R.T. -0.000 min
Lab File: VU063564.D
Acq: 12 Sep 2025 10:14

Tgt Ion: 59 Resp: 64341
Ion Ratio Lower Upper
59 100
87 39.1 31.2 46.8

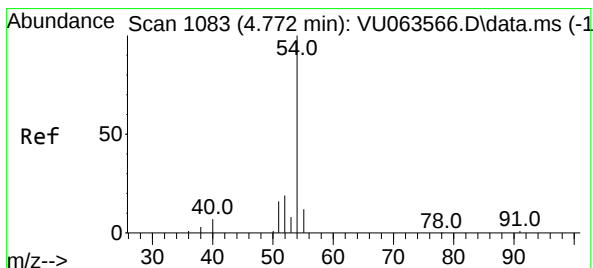
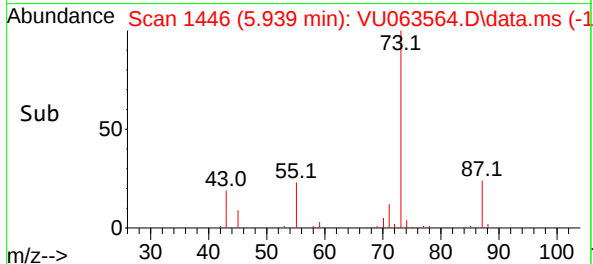
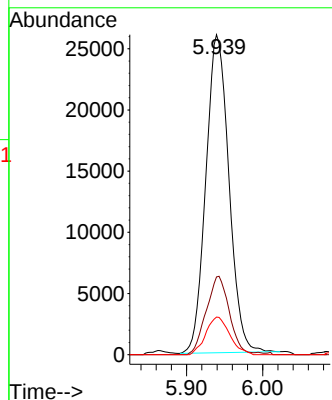
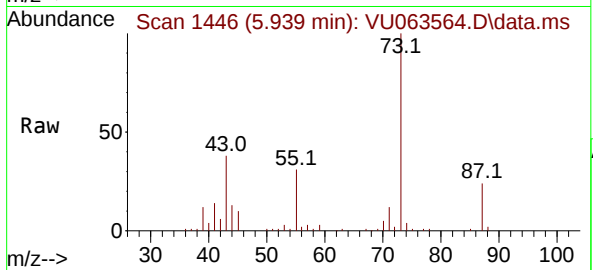




#33
Tert-Amyl methyl ether
Concen: 2.047 ug/l
RT: 5.939 min Scan# 1446
Delta R.T. -0.000 min
Lab File: VU063564.D
Acq: 12 Sep 2025 10:14

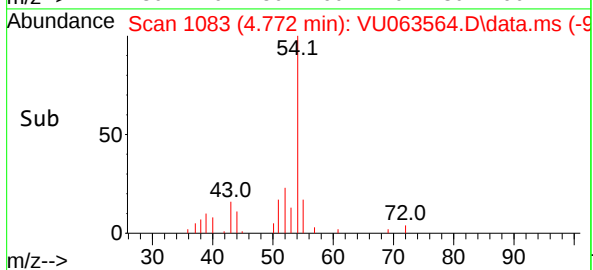
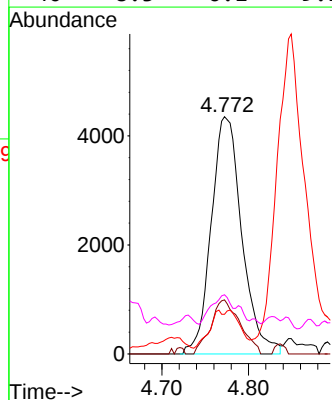
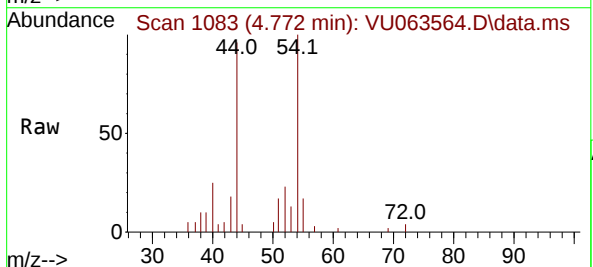
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

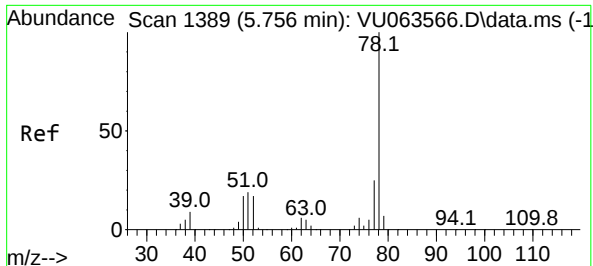
Tgt Ion: 73	Resp: 54745
Ion Ratio	Lower Upper
73 100	
87 23.9	19.0 28.6
71 12.2	9.4 14.2



#34
Propionitrile
Concen: 11.103 ug/l
RT: 4.772 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VU063564.D
Acq: 12 Sep 2025 10:14

Tgt Ion: 54	Resp: 10705
Ion Ratio	Lower Upper
54 100	
52 21.7	15.2 22.8
55 6.5	11.7 17.5
40 8.3	6.1 9.1





#35

Benzene

Concen: 2.047 ug/l

RT: 5.756 min Scan# 1389

Delta R.T. -0.000 min

Lab File: VU063564.D

Acq: 12 Sep 2025 10:14

Instrument :

MSVOA_U

ClientSampleId :

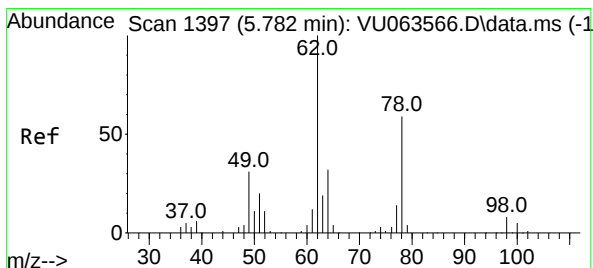
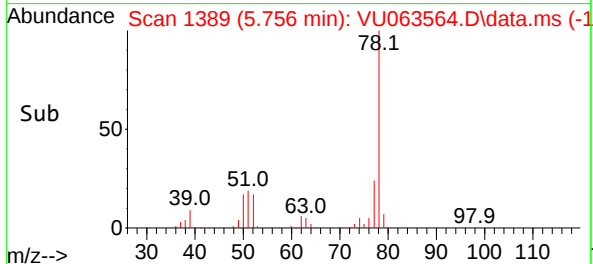
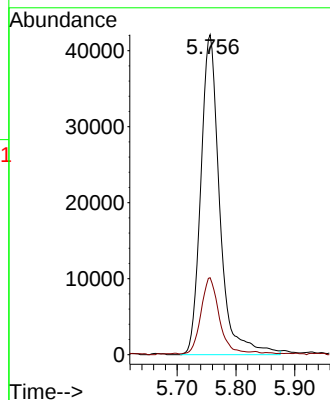
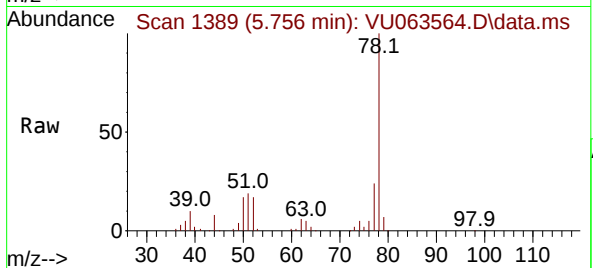
VSTDIC002

Tgt Ion: 78 Resp: 94017

Ion Ratio Lower Upper

78 100

77 23.8 19.8 29.8



#36

1,2-Dichloroethane

Concen: 2.122 ug/l

RT: 5.782 min Scan# 1397

Delta R.T. -0.000 min

Lab File: VU063564.D

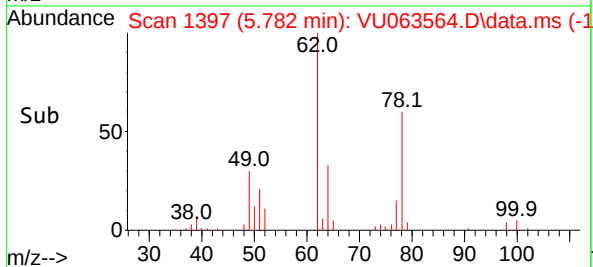
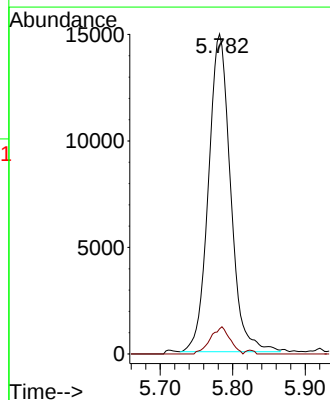
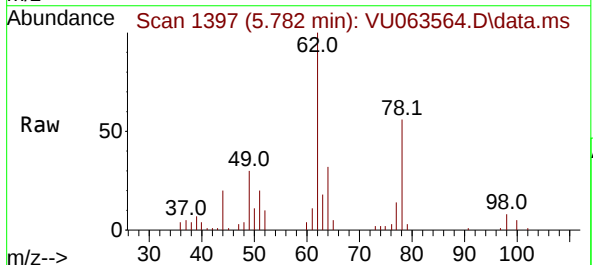
Acq: 12 Sep 2025 10:14

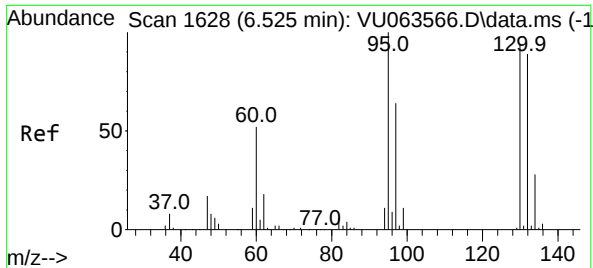
Tgt Ion: 62 Resp: 31588

Ion Ratio Lower Upper

62 100

98 7.5 6.3 9.5

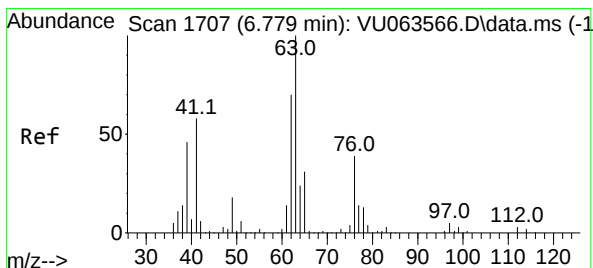
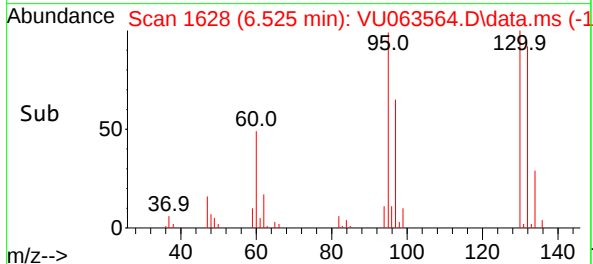
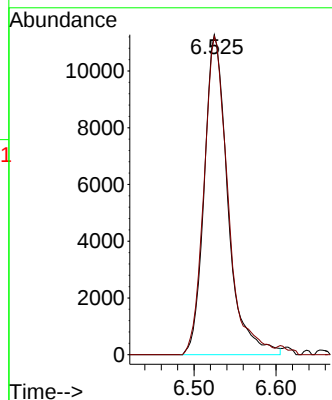
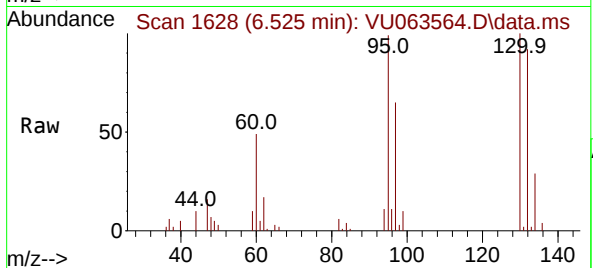




#37
Trichloroethene
Concen: 1.930 ug/l
RT: 6.525 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU063564.D
Acq: 12 Sep 2025 10:14

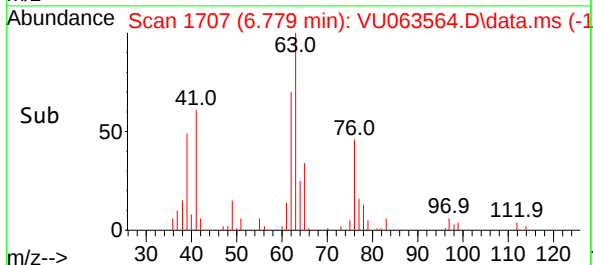
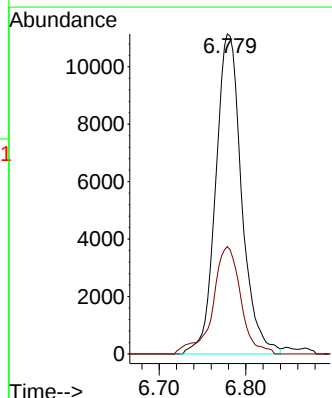
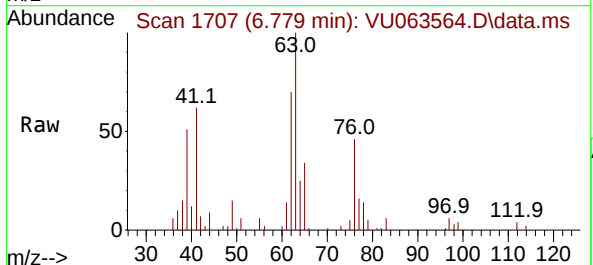
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

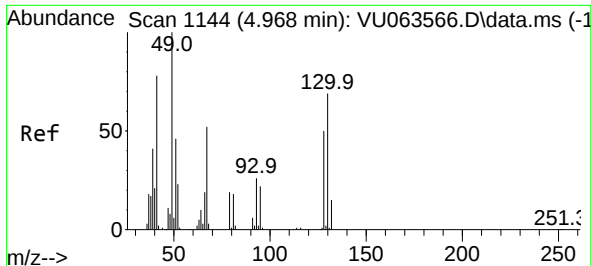
Tgt Ion:130 Resp: 22469
Ion Ratio Lower Upper
130 100
95 99.4 85.4 128.2



#38
1,2-Dichloropropane
Concen: 2.161 ug/l
RT: 6.779 min Scan# 1707
Delta R.T. -0.000 min
Lab File: VU063564.D
Acq: 12 Sep 2025 10:14

Tgt Ion: 63 Resp: 23178
Ion Ratio Lower Upper
63 100
65 33.5 24.9 37.3





#39

Methacrylonitrile

Concen: 2.247 ug/l

RT: 4.975 min Scan# 1144

Delta R.T. 0.006 min

Lab File: VU063564.D

Acq: 12 Sep 2025 10:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tgt Ion: 41 Resp: 9201

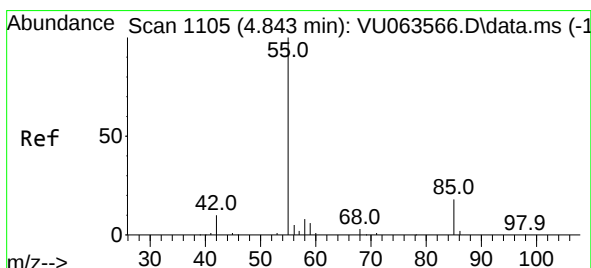
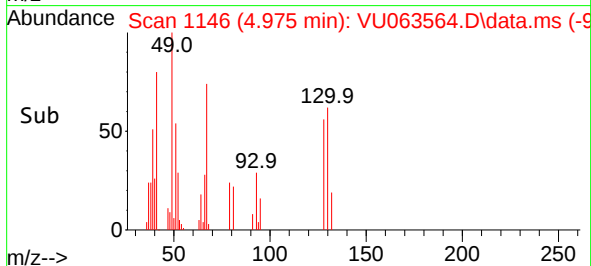
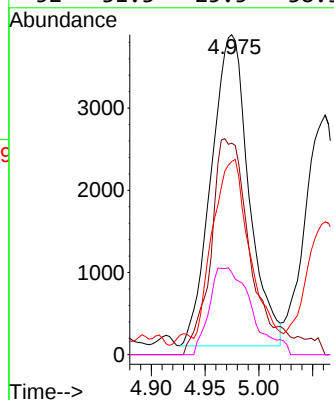
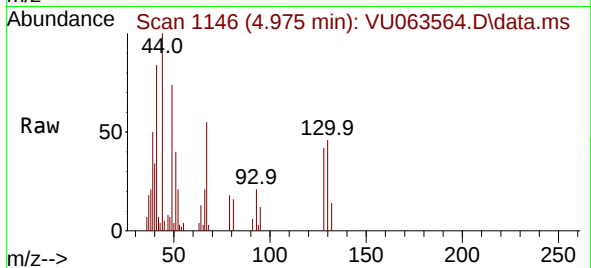
Ion Ratio Lower Upper

41 100

67 72.4 57.7 86.5

39 54.7 44.6 67.0

52 31.3 25.5 38.3



#40

Methyl acrylate

Concen: 1.976 ug/l

RT: 4.849 min Scan# 1107

Delta R.T. 0.006 min

Lab File: VU063564.D

Acq: 12 Sep 2025 10:14

Tgt Ion: 55 Resp: 12378

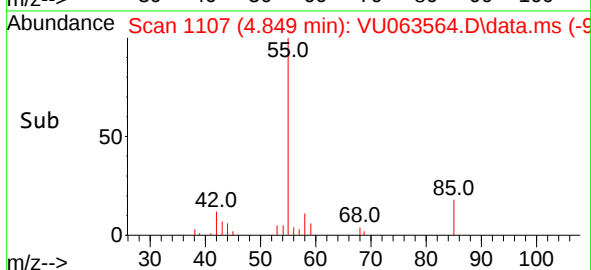
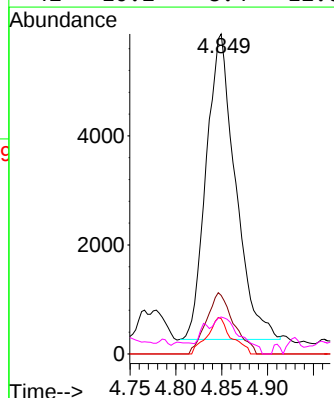
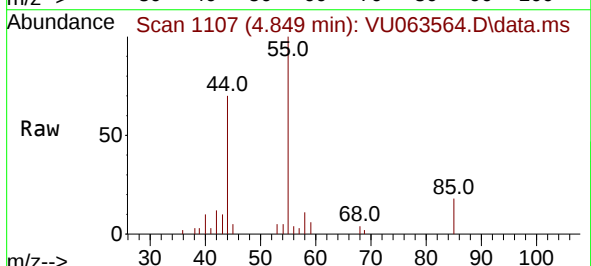
Ion Ratio Lower Upper

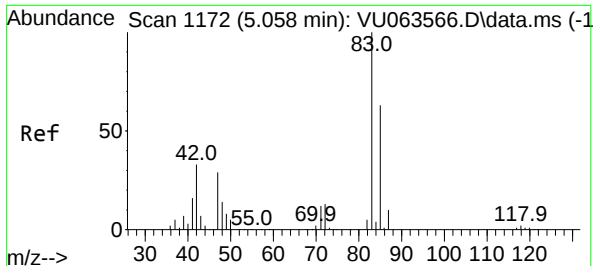
55 100

85 18.6 12.8 19.2

58 9.8 6.6 10.0

42 10.2 8.4 12.6





#41

Tetrahydrofuran

Concen: 4.805 ug/l

RT: 5.062 min Scan# 1172

Delta R.T. 0.003 min

Lab File: VU063564.D

Acq: 12 Sep 2025 10:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

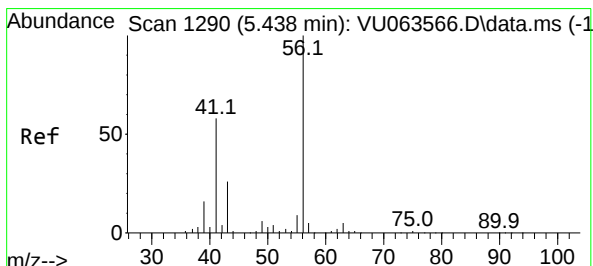
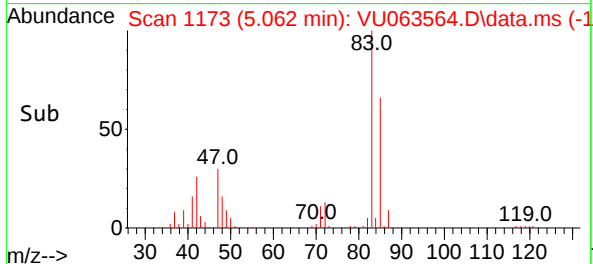
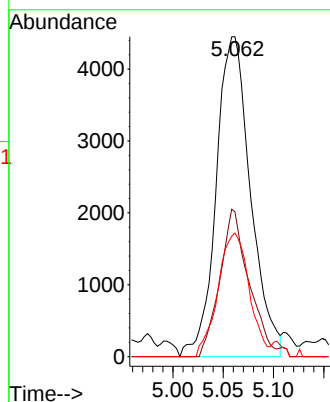
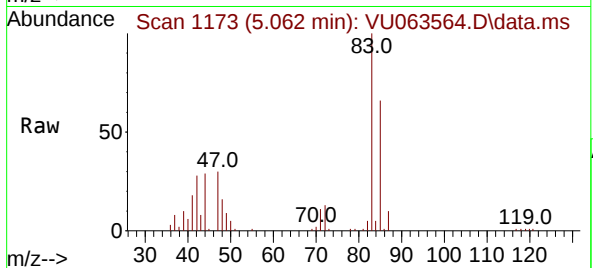
Tgt Ion: 42 Resp: 10581

Ion Ratio Lower Upper

42 100

72 38.8 34.1 51.1

71 35.2 29.9 44.9



#42

1-Chlorobutane

Concen: 2.288 ug/l

RT: 5.438 min Scan# 1290

Delta R.T. -0.000 min

Lab File: VU063564.D

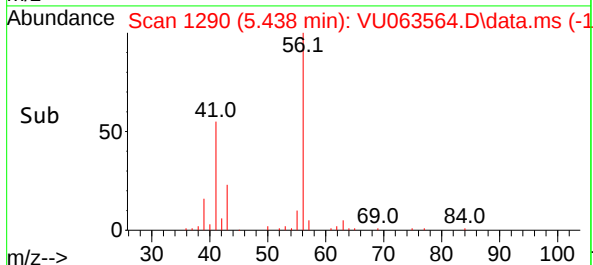
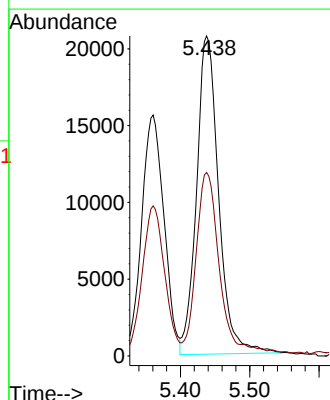
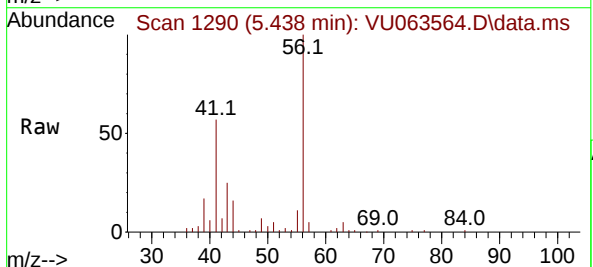
Acq: 12 Sep 2025 10:14

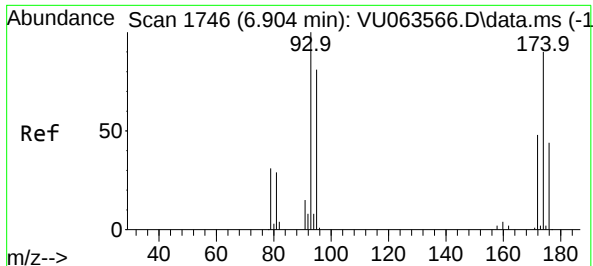
Tgt Ion: 56 Resp: 45927

Ion Ratio Lower Upper

56 100

41 56.9 28.3 84.9





#43

Dibromomethane

Concen: 2.093 ug/l

RT: 6.904 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063564.D

Acq: 12 Sep 2025 10:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

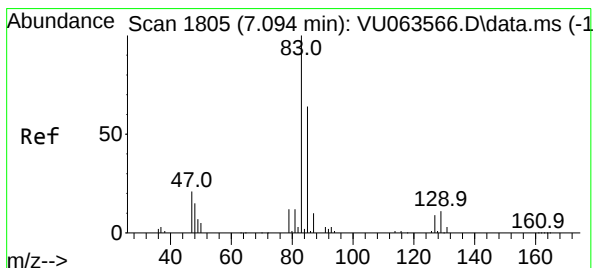
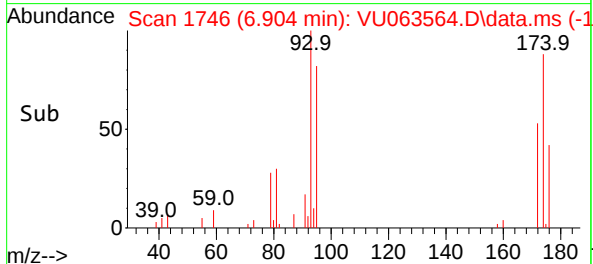
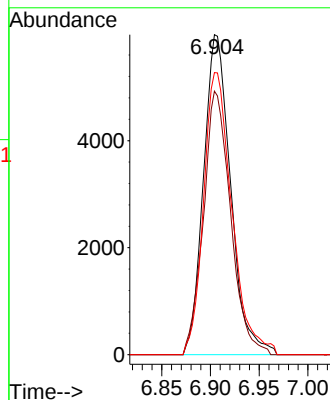
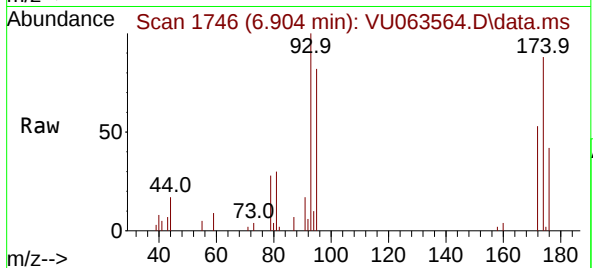
Tgt Ion: 93 Resp: 11587

Ion Ratio Lower Upper

93 100

95 82.6 66.6 100.0

174 92.1 72.7 109.1



#44

Bromodichloromethane

Concen: 1.971 ug/l

RT: 7.094 min Scan# 1805

Delta R.T. -0.000 min

Lab File: VU063564.D

Acq: 12 Sep 2025 10:14

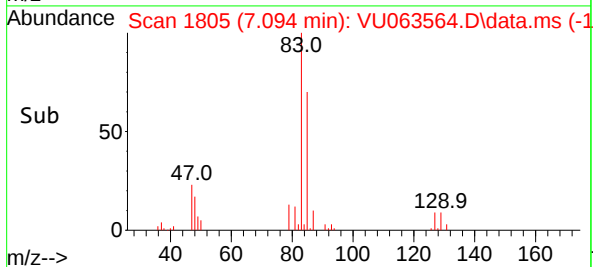
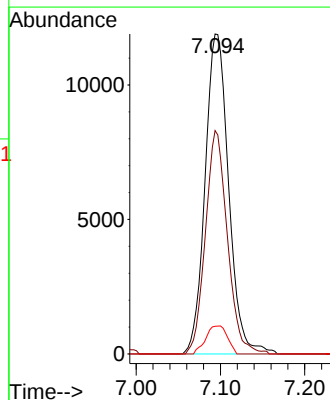
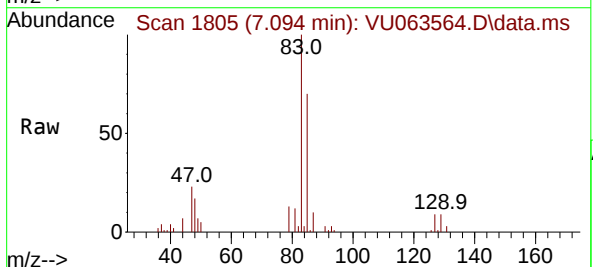
Tgt Ion: 83 Resp: 23149

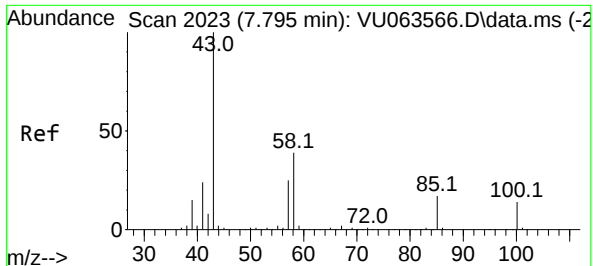
Ion Ratio Lower Upper

83 100

85 69.8 51.2 76.8

127 8.6 6.9 10.3





#45

4-Methyl-2-Pentanone

Concen: 12.997 ug/l

RT: 7.798 min Scan# 2023

Delta R.T. 0.003 min

Lab File: VU063564.D

Acq: 12 Sep 2025 10:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

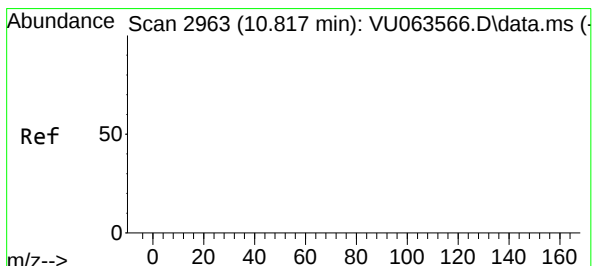
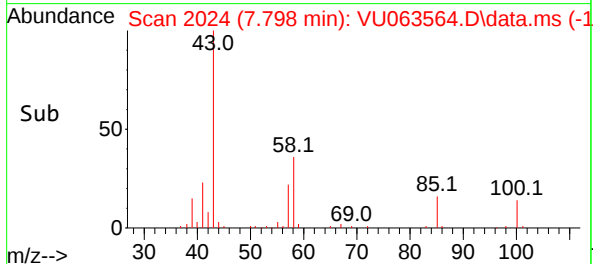
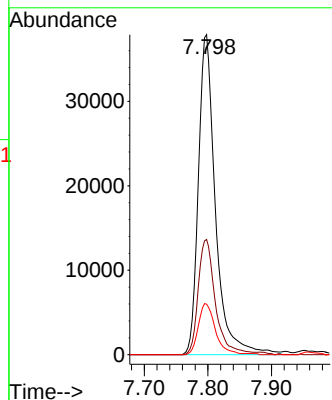
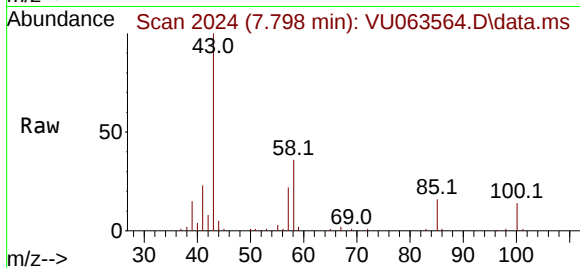
Tgt Ion: 43 Resp: 70730

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: 8.157 ug/l

RT: 10.814 min Scan# 2962

Delta R.T. -0.003 min

Lab File: VU063564.D

Acq: 12 Sep 2025 10:14

Tgt Ion: 75 Resp: 20325

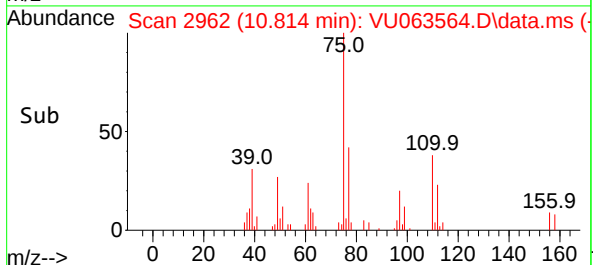
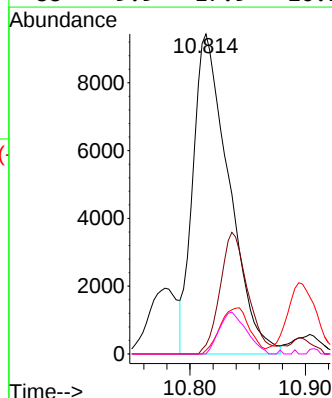
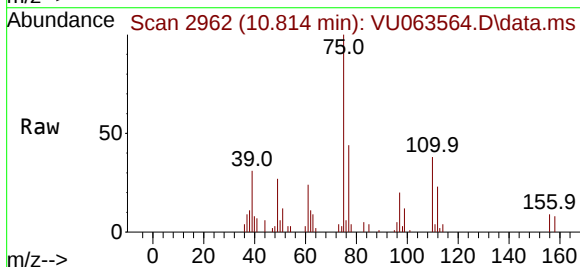
Ion Ratio Lower Upper

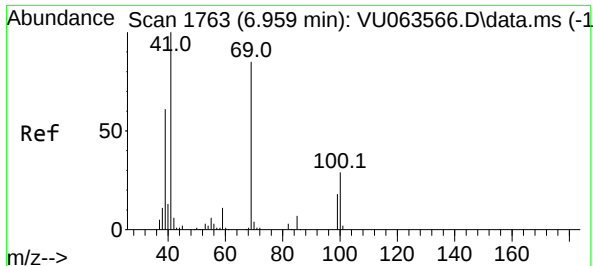
75 100

53 29.6 43.2 64.8#

89 12.0 21.9 32.9#

88 9.9 17.9 26.9#





#47

Methyl methacrylate

Concen: 3.949 ug/l

RT: 6.965 min Scan# 1765

Delta R.T. 0.006 min

Lab File: VU063564.D

Acq: 12 Sep 2025 10:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion: 69 Resp: 18725

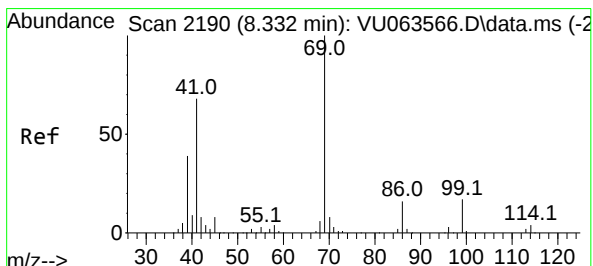
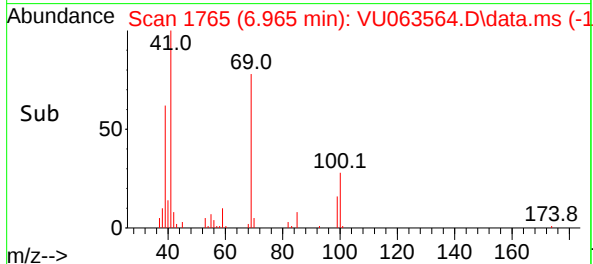
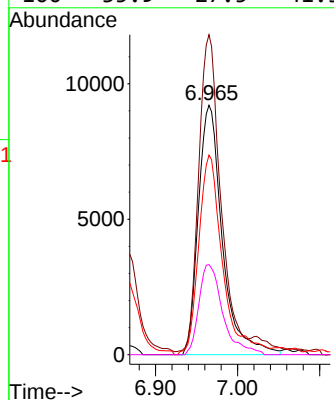
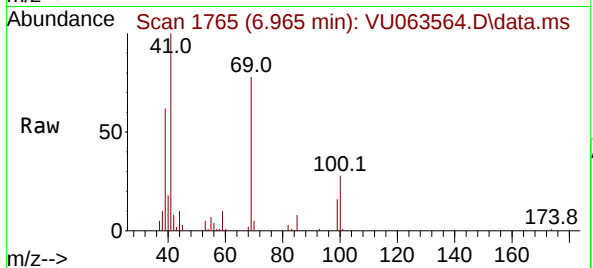
Ion Ratio Lower Upper

69 100

41 114.7 0.0 236.8

39 79.4 57.8 86.6

100 35.9 27.5 41.3



#48

Ethyl methacrylate

Concen: 2.217 ug/l

RT: 8.335 min Scan# 2191

Delta R.T. 0.003 min

Lab File: VU063564.D

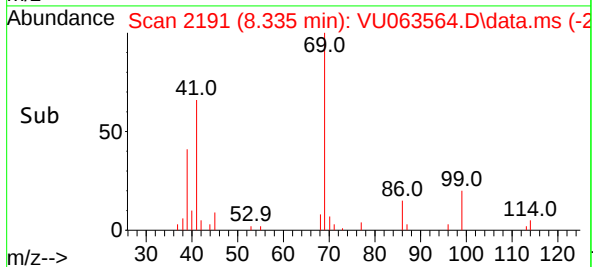
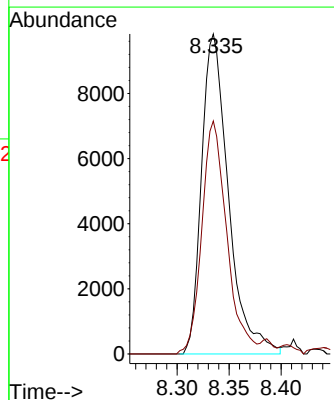
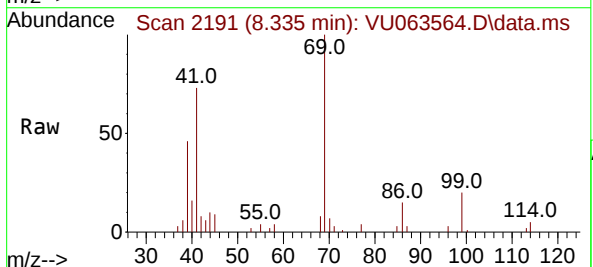
Acq: 12 Sep 2025 10:14

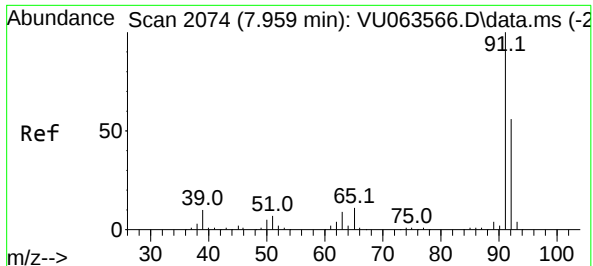
Tgt Ion: 69 Resp: 17682

Ion Ratio Lower Upper

69 100

41 67.4 33.7 101.1

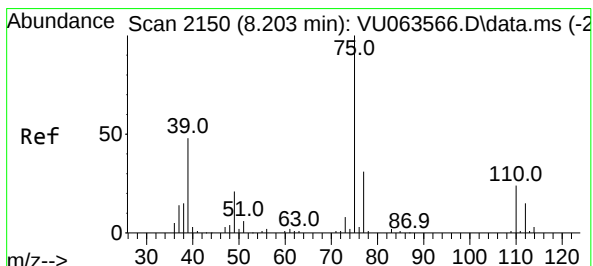
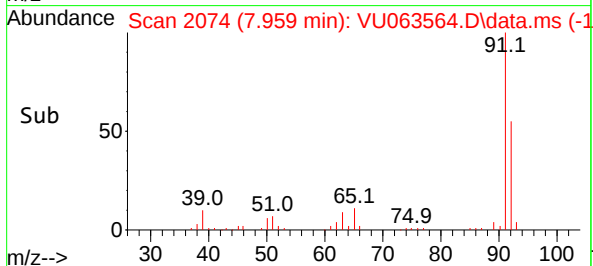
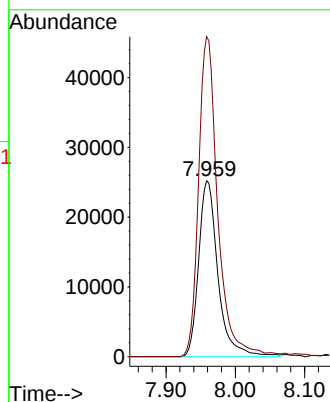
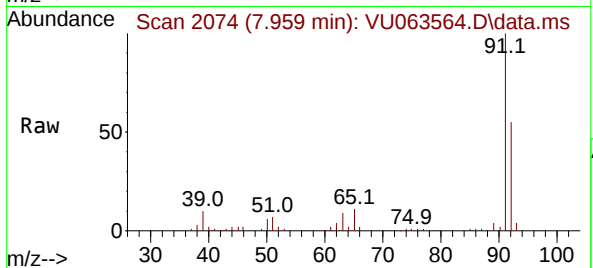




#49
Toluene
Concen: 2.307 ug/l
RT: 7.959 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VU063564.D
Acq: 12 Sep 2025 10:14

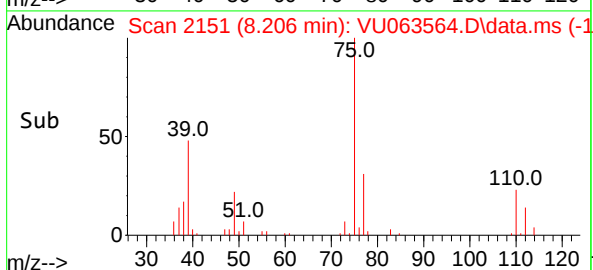
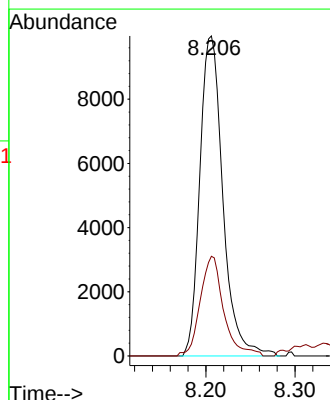
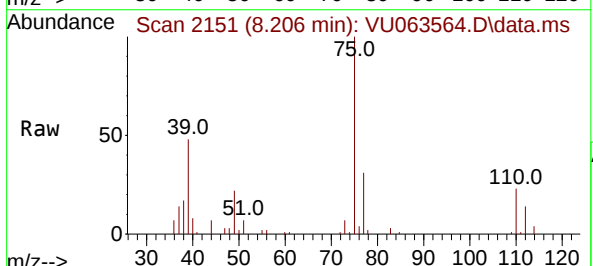
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

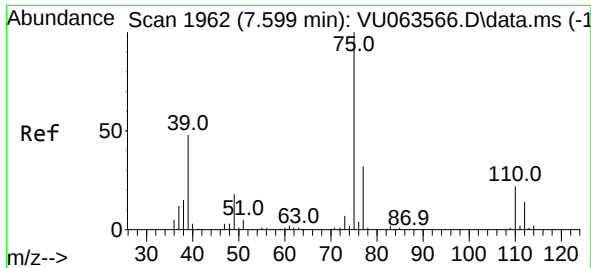
Tgt Ion: 92 Resp: 48908
Ion Ratio Lower Upper
92 100
91 179.2 139.4 209.2



#50
t-1,3-Dichloropropene
Concen: 2.172 ug/l
RT: 8.206 min Scan# 2151
Delta R.T. 0.003 min
Lab File: VU063564.D
Acq: 12 Sep 2025 10:14

Tgt Ion: 75 Resp: 17884
Ion Ratio Lower Upper
75 100
77 30.1 24.8 37.2





#51

cis-1,3-Dichloropropene

Concen: 2.181 ug/l

RT: 7.598 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VU063564.D

Acq: 12 Sep 2025 10:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

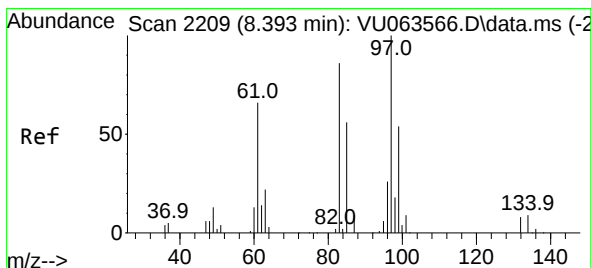
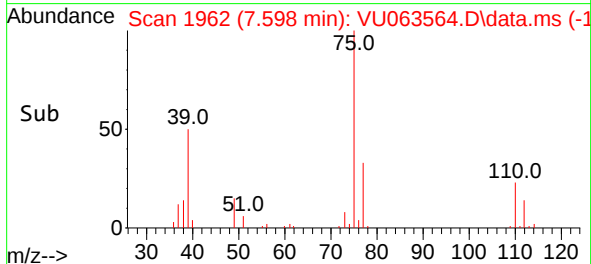
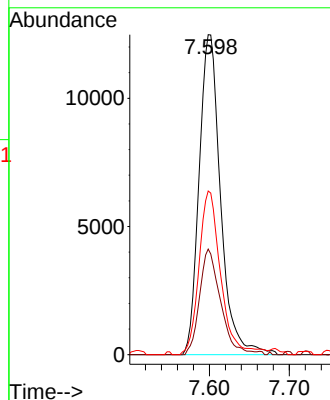
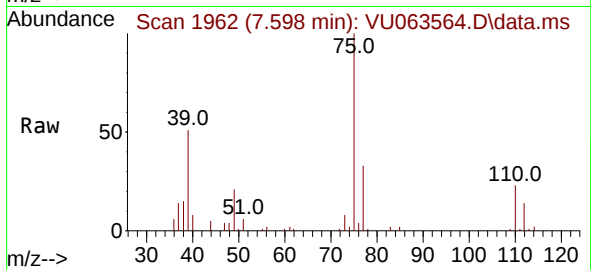
Tgt Ion: 75 Resp: 23332

Ion Ratio Lower Upper

75 100

77 33.0 25.2 37.8

39 51.1 38.8 58.2



#52

1,1,2-Trichloroethane

Concen: 2.281 ug/l

RT: 8.393 min Scan# 2209

Delta R.T. -0.000 min

Lab File: VU063564.D

Acq: 12 Sep 2025 10:14

Tgt Ion: 97 Resp: 16612

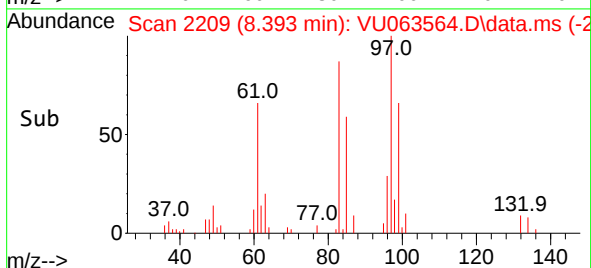
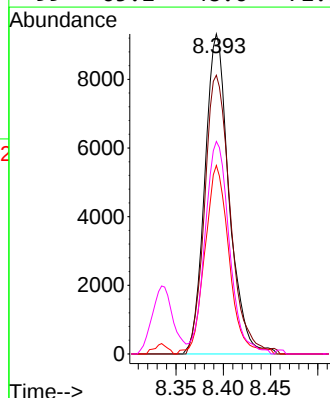
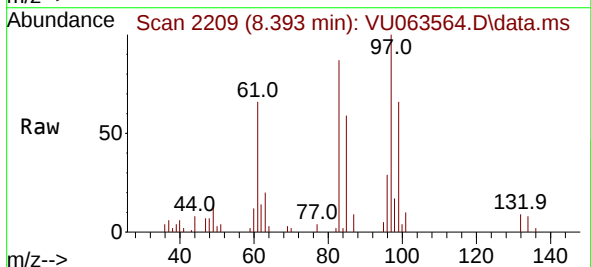
Ion Ratio Lower Upper

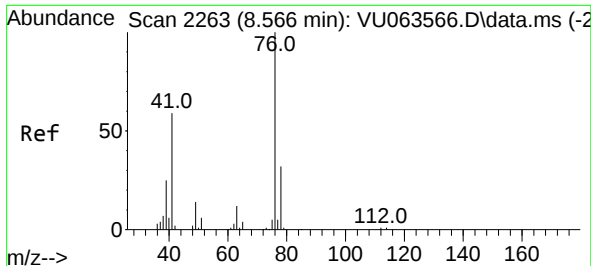
97 100

83 87.1 68.5 102.7

85 58.9 45.0 67.6

99 65.2 48.6 72.8





#53

1,3-Dichloropropane

Concen: 2.381 ug/l

RT: 8.569 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063564.D

Acq: 12 Sep 2025 10:14

Instrument :

MSVOA_U

ClientSampleId :

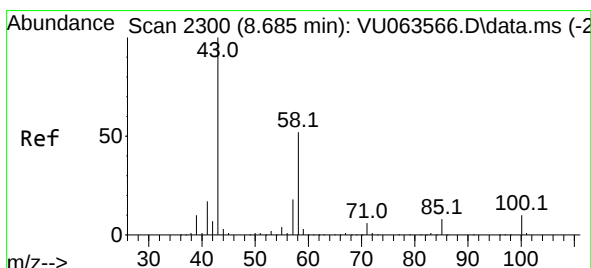
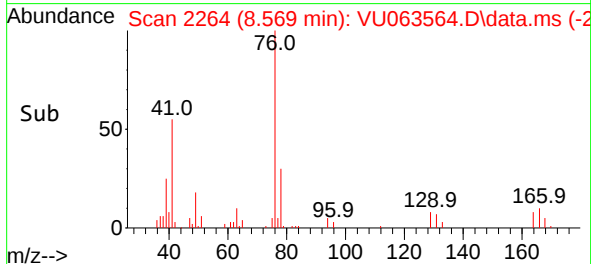
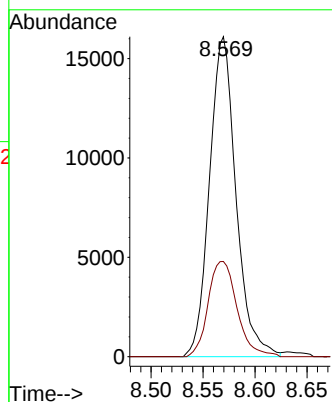
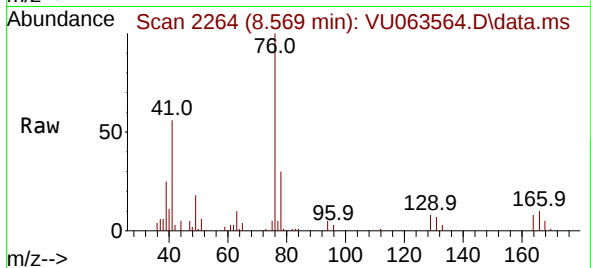
VSTDICC002

Tgt Ion: 76 Resp: 28594

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.2



#54

2-Hexanone

Concen: 10.362 ug/l

RT: 8.688 min Scan# 2301

Delta R.T. 0.003 min

Lab File: VU063564.D

Acq: 12 Sep 2025 10:14

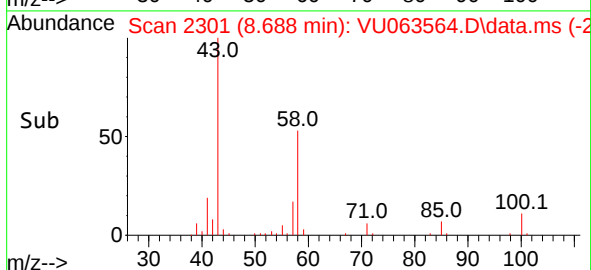
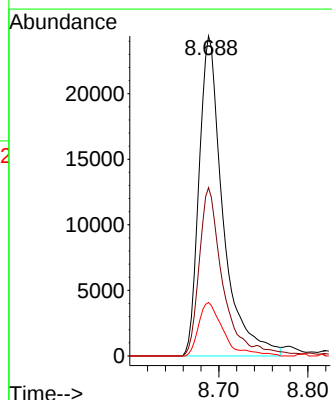
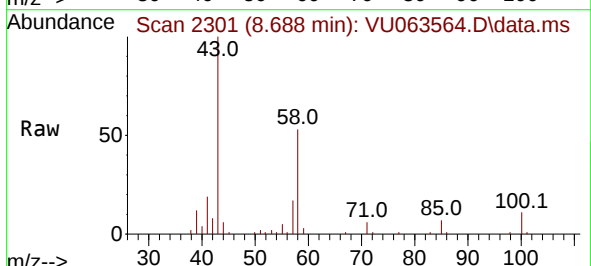
Tgt Ion: 43 Resp: 45528

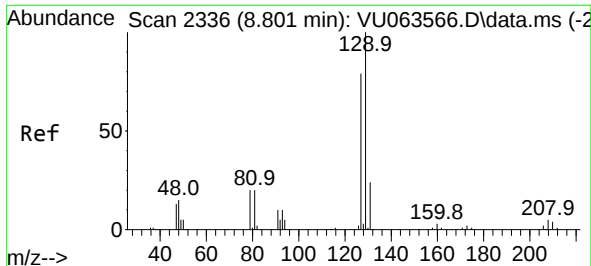
Ion Ratio Lower Upper

43 100

58 52.5 32.7 72.7

57 17.4 0.0 38.2

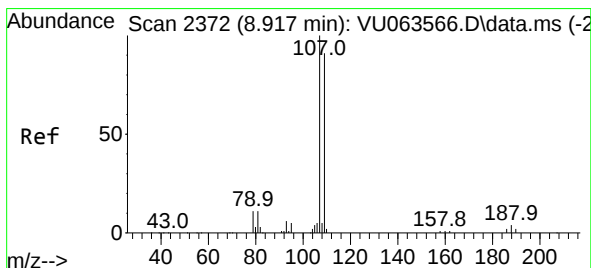
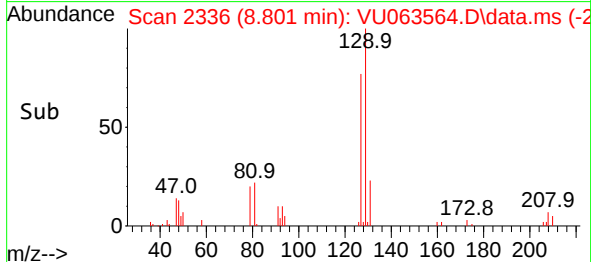
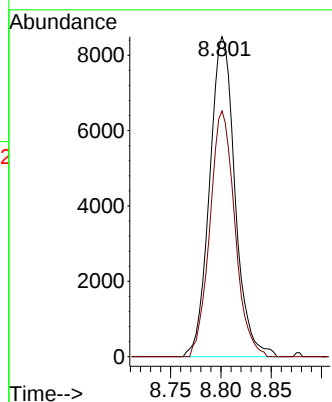
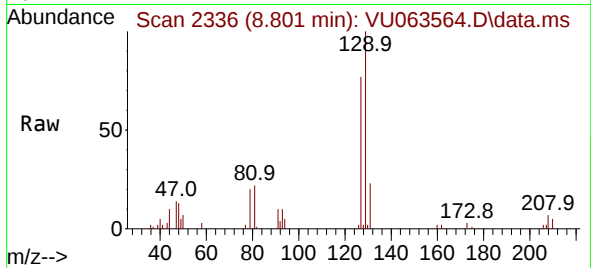




#55
Dibromochloromethane
Concen: 2.136 ug/l
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU063564.D
Acq: 12 Sep 2025 10:14

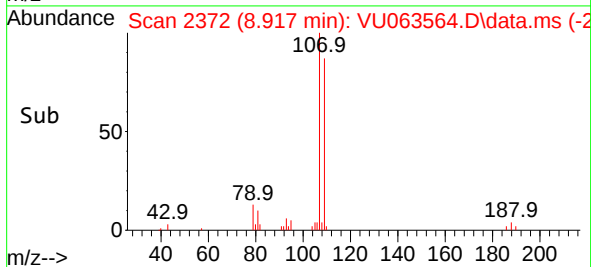
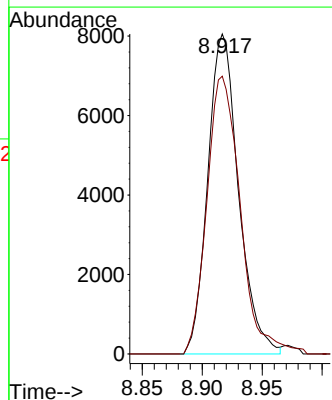
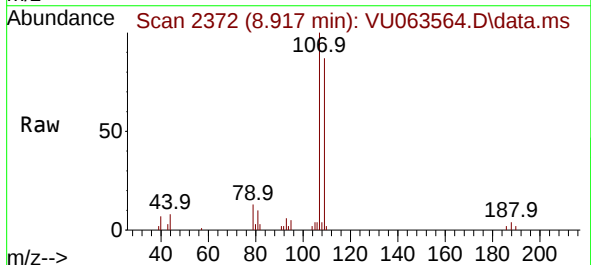
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

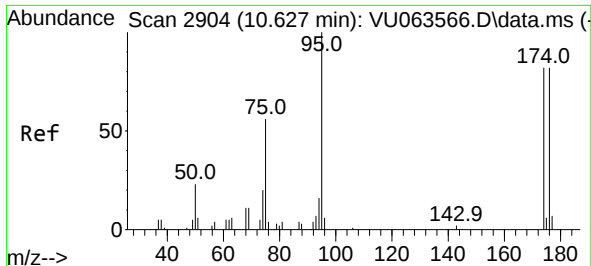
Tgt Ion:129 Resp: 14932
Ion Ratio Lower Upper
129 100
127 75.3 61.9 92.9



#56
1,2-Dibromoethane
Concen: 2.330 ug/l
RT: 8.917 min Scan# 2372
Delta R.T. -0.000 min
Lab File: VU063564.D
Acq: 12 Sep 2025 10:14

Tgt Ion:107 Resp: 14374
Ion Ratio Lower Upper
107 100
109 94.2 0.0 183.6

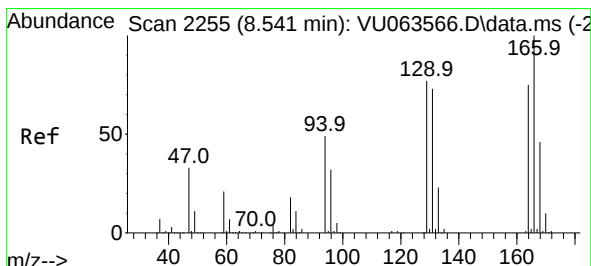
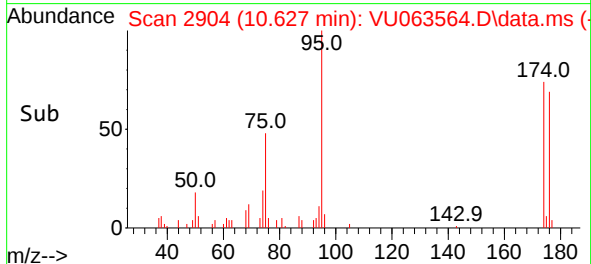
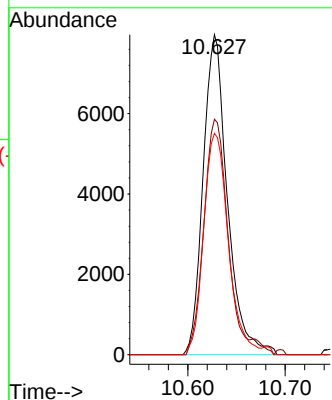
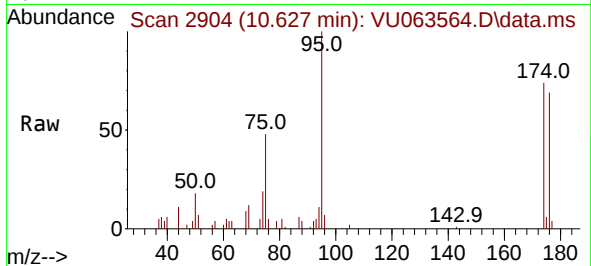




#57
4-Bromofluorobenzene
Concen: 1.122 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. -0.000 min
Lab File: VU063564.D
Acq: 12 Sep 2025 10:14

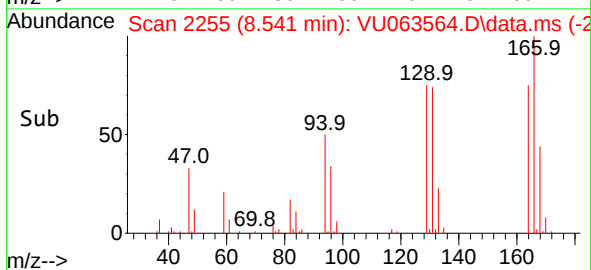
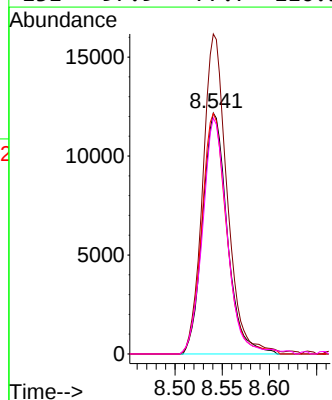
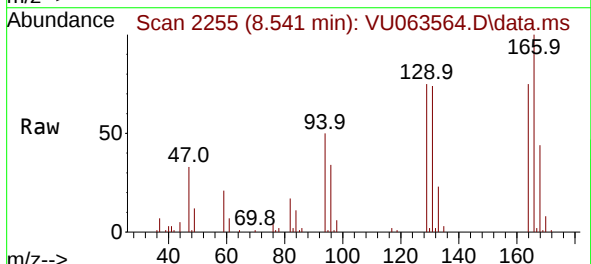
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

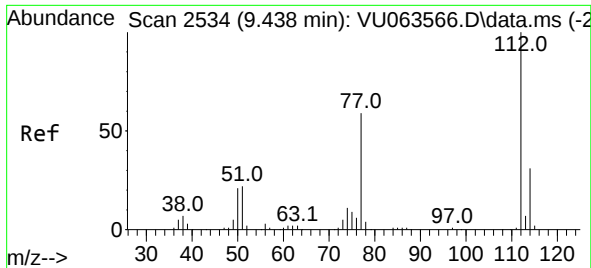
Tgt Ion: 95 Resp: 13780
Ion Ratio Lower Upper
95 100
174 74.3 64.7 97.1
176 70.3 66.2 99.4



#58
Tetrachloroethene
Concen: 2.379 ug/l
RT: 8.541 min Scan# 2255
Delta R.T. -0.000 min
Lab File: VU063564.D
Acq: 12 Sep 2025 10:14

Tgt Ion: 164 Resp: 22123
Ion Ratio Lower Upper
164 100
166 132.8 106.4 159.6
129 99.8 81.4 122.2
131 97.9 77.7 116.5

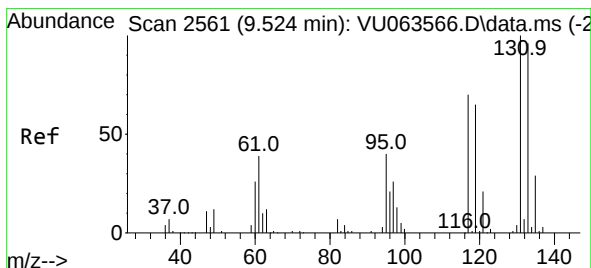
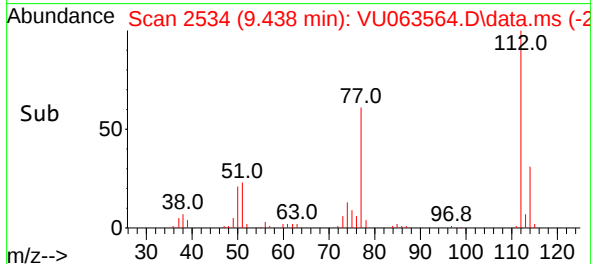
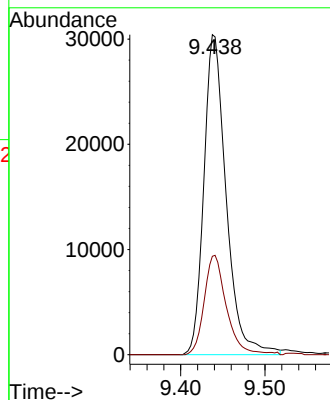
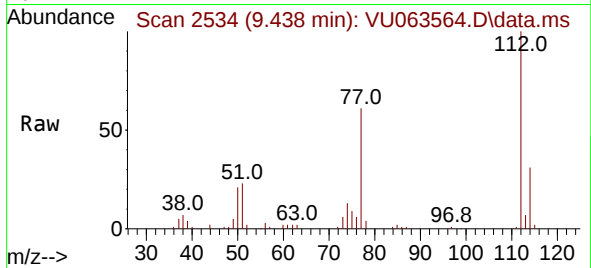




#59
Chlorobenzene
Concen: 2.236 ug/l
RT: 9.438 min Scan# 2534
Delta R.T. -0.000 min
Lab File: VU063564.D
Acq: 12 Sep 2025 10:14

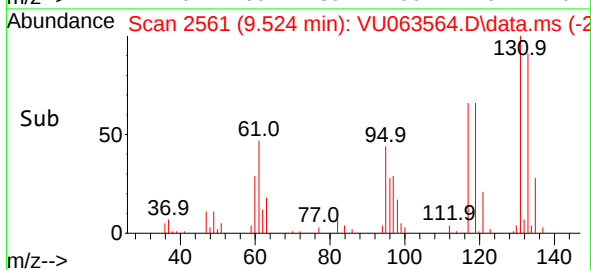
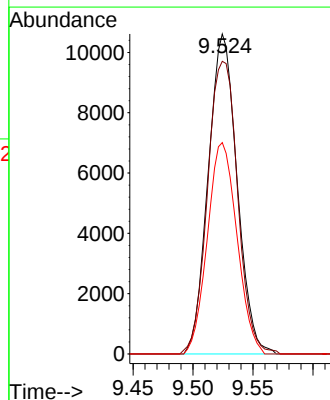
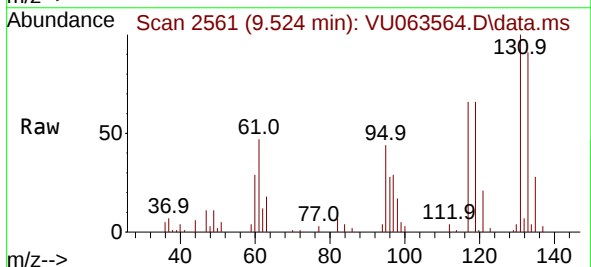
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

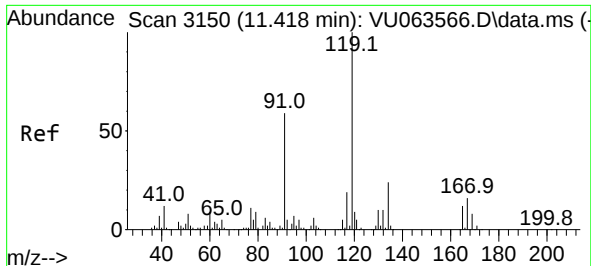
Tgt Ion:112 Resp: 56010
Ion Ratio Lower Upper
112 100
114 30.7 25.0 37.4



#60
1,1,1,2-Tetrachloroethane
Concen: 2.159 ug/l
RT: 9.524 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU063564.D
Acq: 12 Sep 2025 10:14

Tgt Ion:131 Resp: 17736
Ion Ratio Lower Upper
131 100
133 95.7 75.8 113.8
119 67.6 51.8 77.6

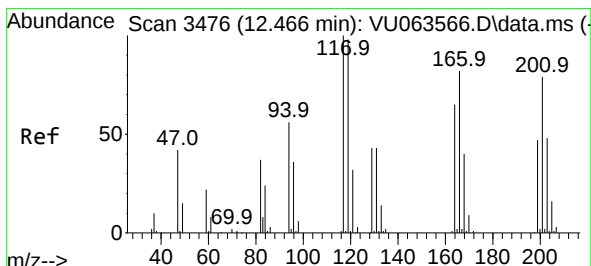
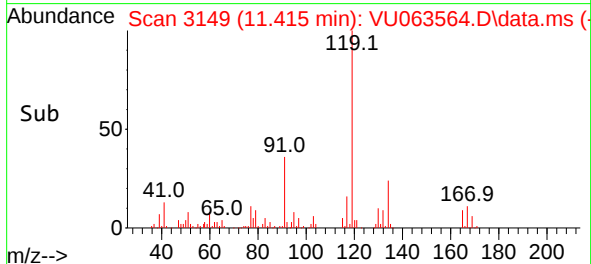
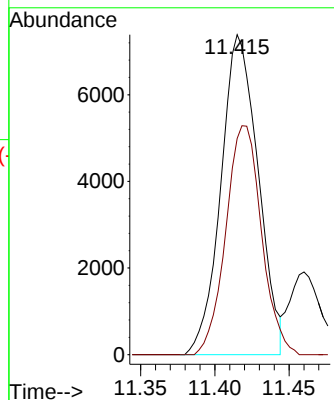
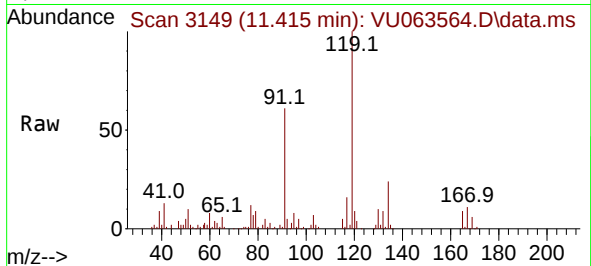




#61
 Pentachloroethane
 Concen: 2.067 ug/l
 RT: 11.415 min Scan# 3150
 Delta R.T. -0.003 min
 Lab File: VU063564.D
 Acq: 12 Sep 2025 10:14

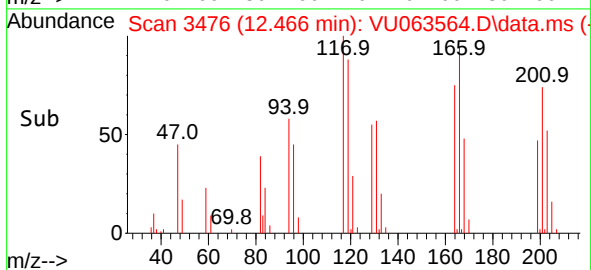
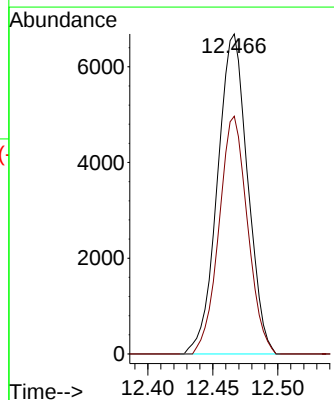
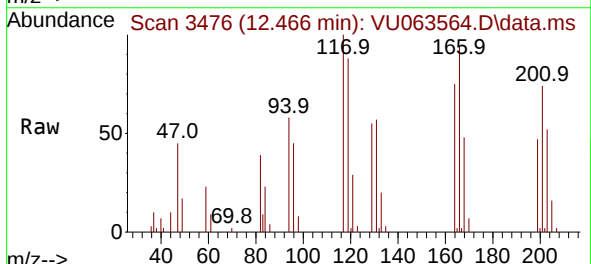
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

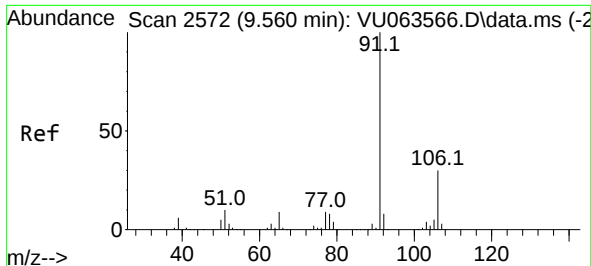
Tgt Ion:117 Resp: 12875
 Ion Ratio Lower Upper
 117 100
 167 68.6 62.6 93.8



#62
 Hexachloroethane
 Concen: 1.982 ug/l
 RT: 12.466 min Scan# 3476
 Delta R.T. -0.000 min
 Lab File: VU063564.D
 Acq: 12 Sep 2025 10:14

Tgt Ion:117 Resp: 10790
 Ion Ratio Lower Upper
 117 100
 201 70.3 61.0 91.6

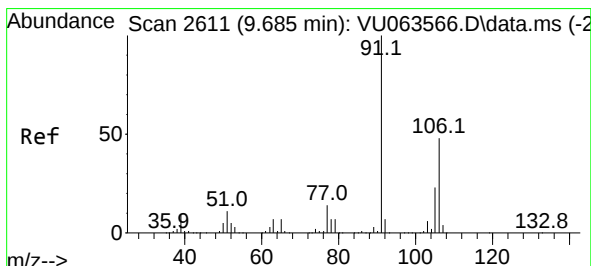
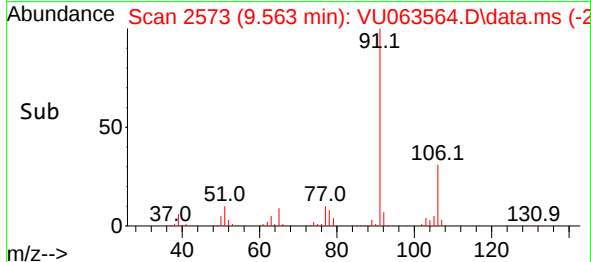
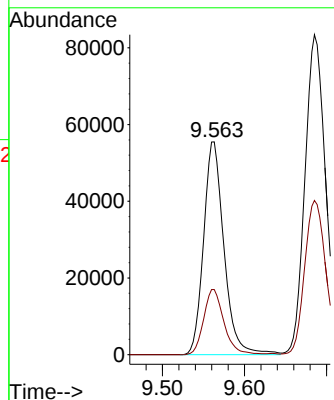
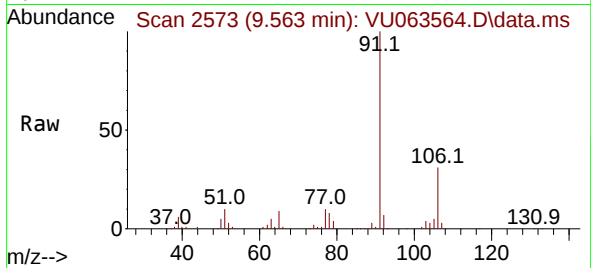




#63
Ethyl Benzene
Concen: 2.241 ug/l
RT: 9.563 min Scan# 2573
Delta R.T. 0.003 min
Lab File: VU063564.D
Acq: 12 Sep 2025 10:14

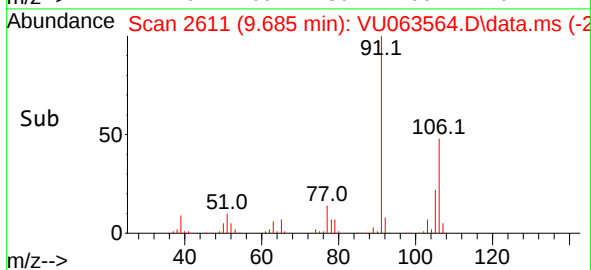
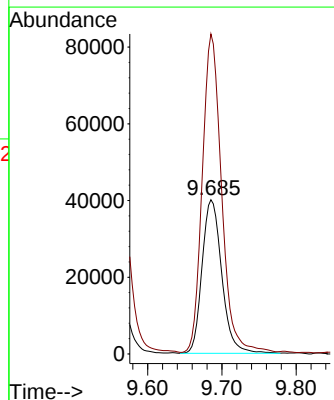
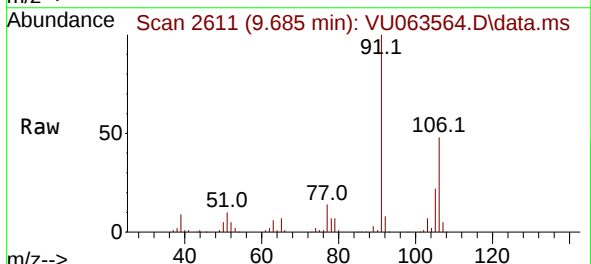
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

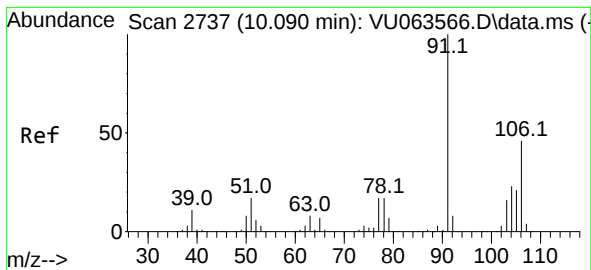
Tgt Ion: 91 Resp: 95917
Ion Ratio Lower Upper
91 100
106 30.6 23.8 35.8



#64
m/p-Xylenes
Concen: 4.487 ug/l
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU063564.D
Acq: 12 Sep 2025 10:14

Tgt Ion:106 Resp: 73854
Ion Ratio Lower Upper
106 100
91 202.8 167.0 250.4

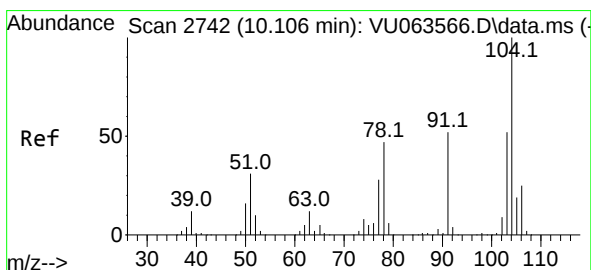
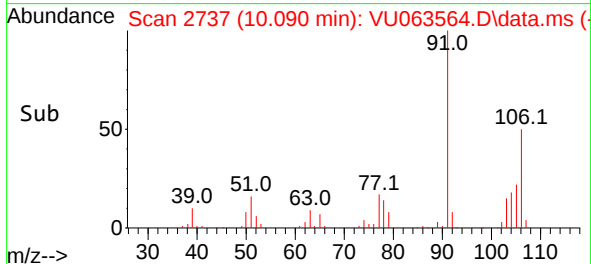
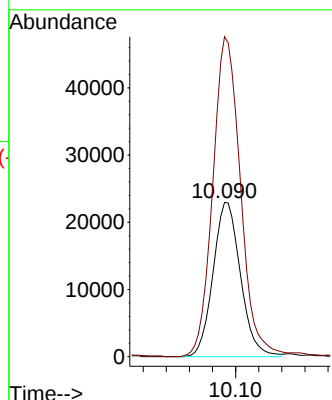
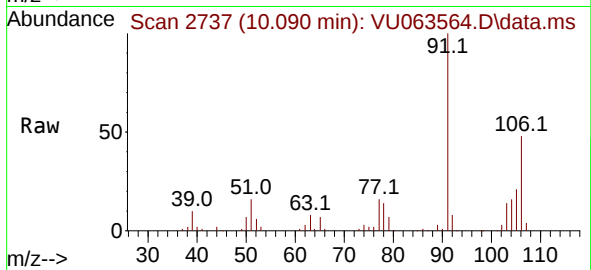




#65
o-Xylene
Concen: 2.315 ug/l
RT: 10.090 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063564.D
Acq: 12 Sep 2025 10:14

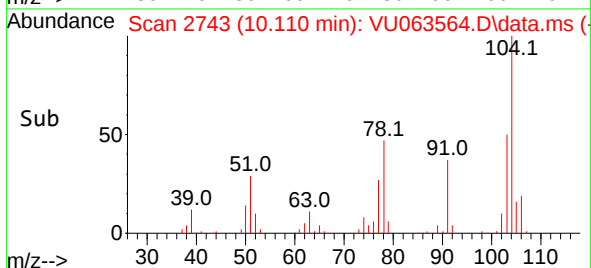
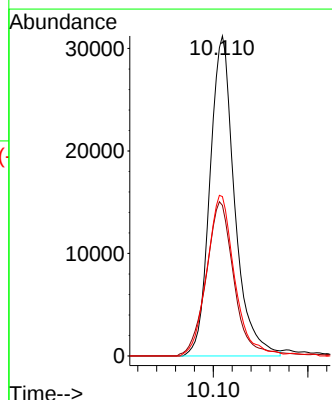
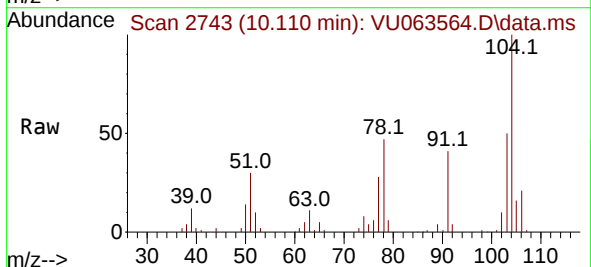
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MSVOA_U
ClientSampleId :
VSTDIC002

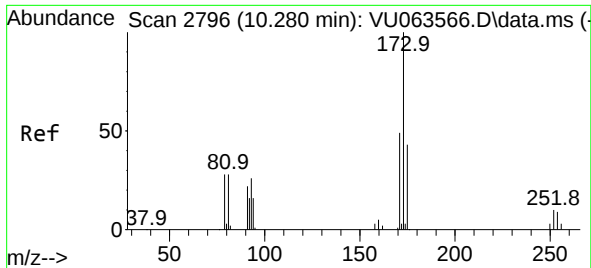
Tgt Ion:106 Resp: 37788
Ion Ratio Lower Upper
106 100
91 211.7 108.7 326.1



#66
Styrene
Concen: 2.125 ug/l
RT: 10.110 min Scan# 2743
Delta R.T. 0.003 min
Lab File: VU063564.D
Acq: 12 Sep 2025 10:14

Tgt Ion:104 Resp: 56592
Ion Ratio Lower Upper
104 100
78 54.5 41.2 61.8
103 56.4 44.2 66.2

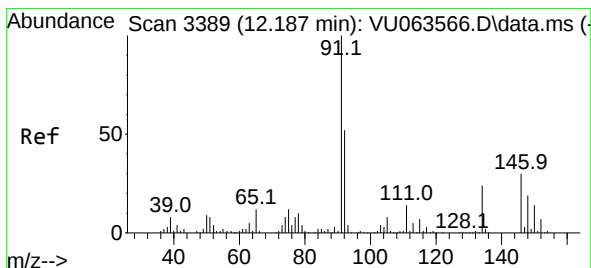
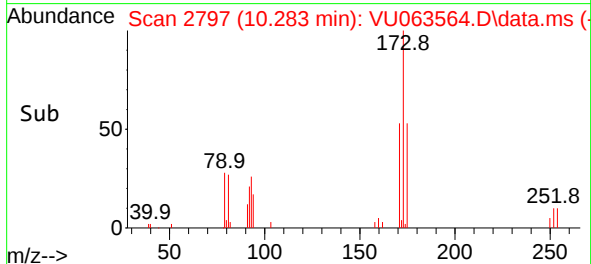
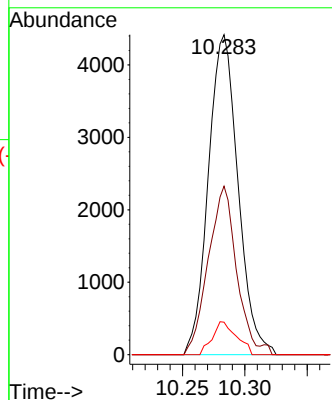
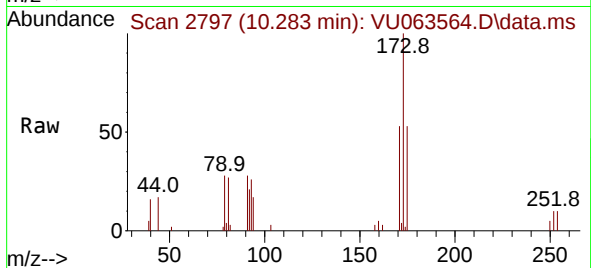




#67
Bromoform
Concen: 2.086 ug/l
RT: 10.283 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063564.D
Acq: 12 Sep 2025 10:14

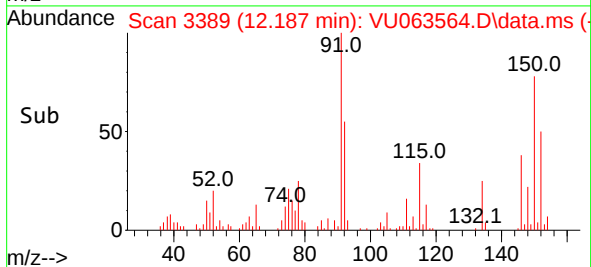
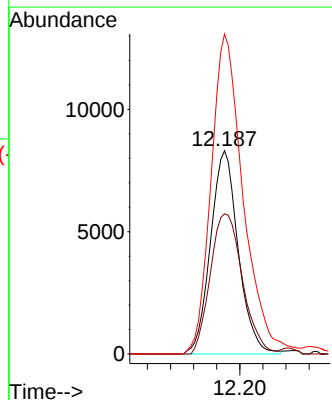
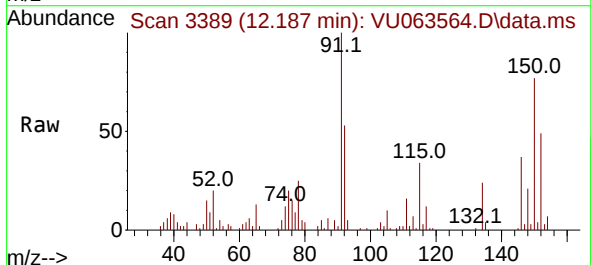
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MSVOA_U
ClientSampleId :
VSTDICC002

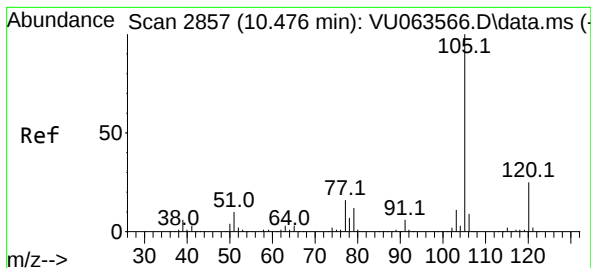
Tgt Ion:173 Resp: 7317
Ion Ratio Lower Upper
173 100
175 50.4 37.0 55.6
254 8.4 7.1 10.7



#68
1,2-Dichlorobenzene-d4
Concen: 1.151 ug/l
RT: 12.187 min Scan# 3389
Delta R.T. -0.000 min
Lab File: VU063564.D
Acq: 12 Sep 2025 10:14

Tgt Ion:152 Resp: 13835
Ion Ratio Lower Upper
152 100
115 79.9 0.0 260.6
150 182.5 0.0 661.8





#69

Isopropylbenzene

Concen: 2.262 ug/l

RT: 10.476 min Scan# 215

Delta R.T. -0.000 min

Lab File: VU063564.D

Acq: 12 Sep 2025 10:14

Instrument :

MSVOA_U

ClientSampleId :

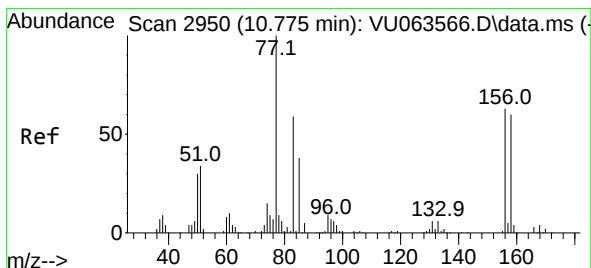
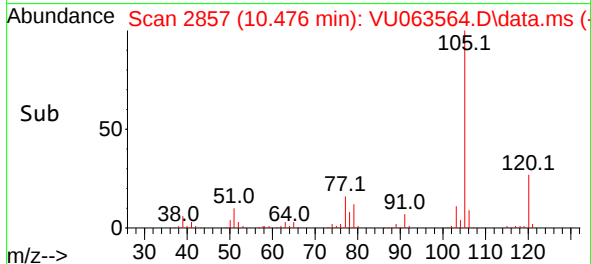
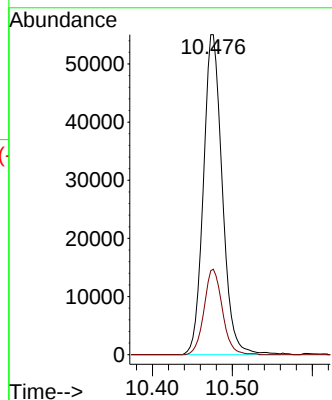
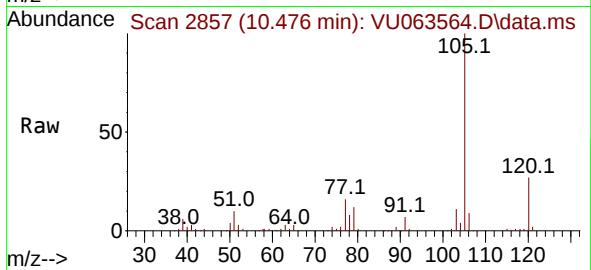
VSTDICC002

Tgt Ion:105 Resp: 90585

Ion Ratio Lower Upper

105 100

120 25.9 12.7 38.0



#70

1,1,2,2-Tetrachloroethane

Concen: 2.222 ug/l

RT: 10.772 min Scan# 2949

Delta R.T. -0.003 min

Lab File: VU063564.D

Acq: 12 Sep 2025 10:14

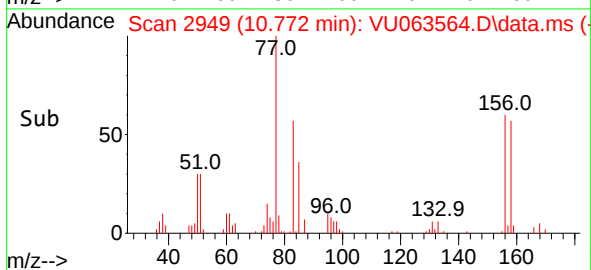
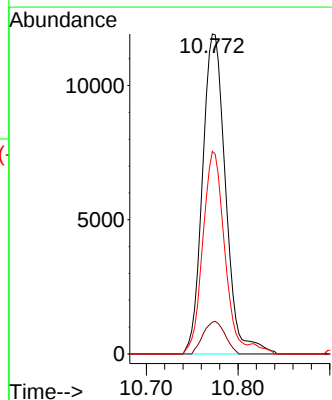
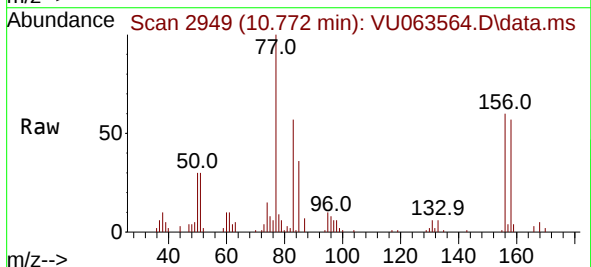
Tgt Ion: 83 Resp: 20850

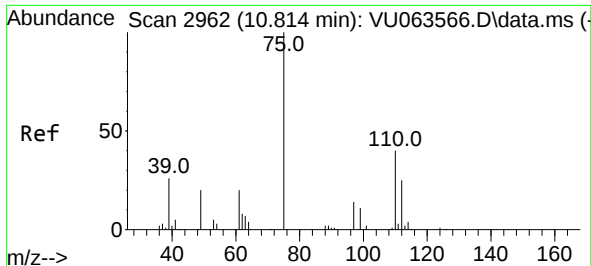
Ion Ratio Lower Upper

83 100

131 9.7 7.7 11.5

85 59.4 52.2 78.4

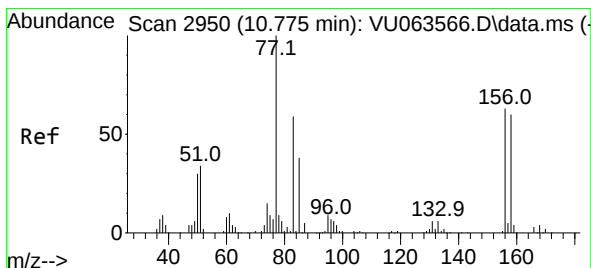
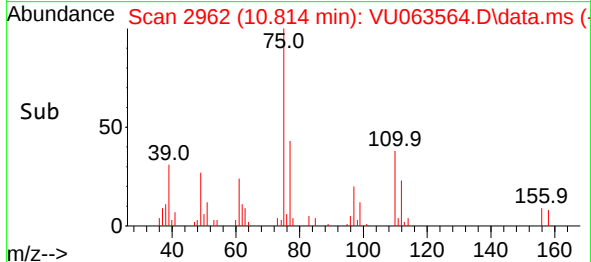
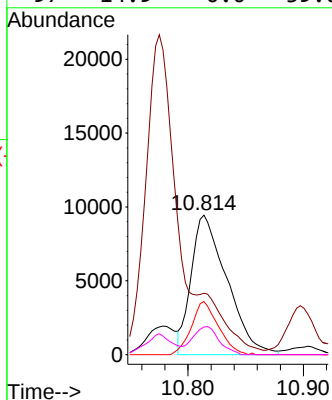
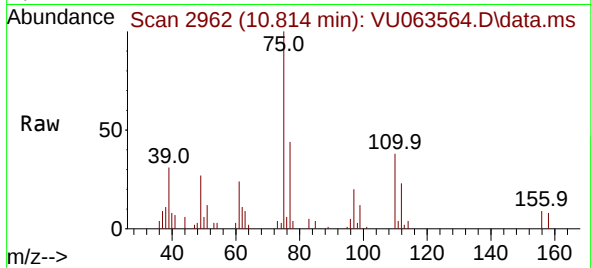




#71
1,2,3-Trichloropropane
Concen: 3.124 ug/l
RT: 10.814 min Scan# 2962
Delta R.T. -0.000 min
Lab File: VU063564.D
Acq: 12 Sep 2025 10:14

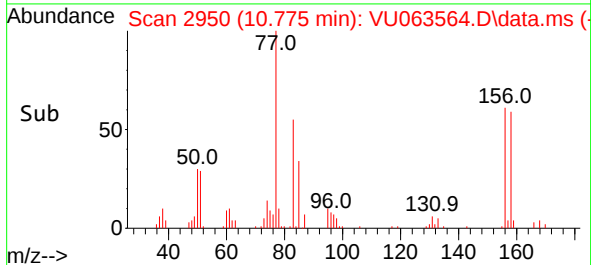
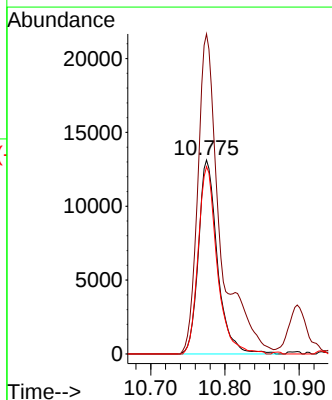
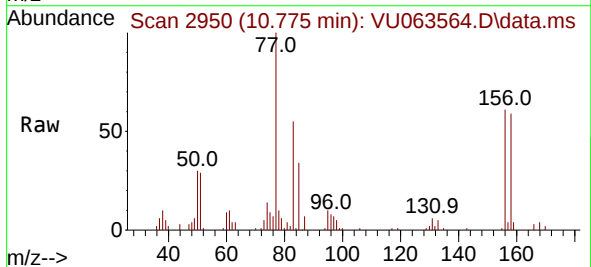
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

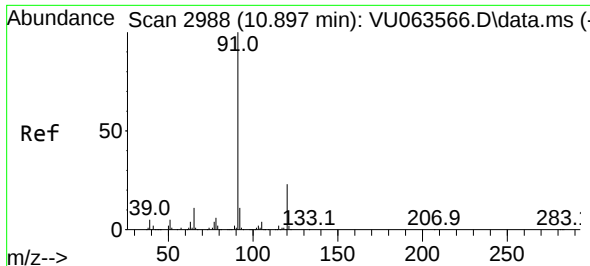
Tgt Ion:	75	Resp:	20325
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0
110	28.7	0.0	77.6
97	14.9	0.0	39.6



#72
Bromobenzene
Concen: 2.295 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU063564.D
Acq: 12 Sep 2025 10:14

Tgt Ion:	156	Resp:	23331
Ion	Ratio	Lower	Upper
156	100		
77	164.6	0.0	323.0
158	96.8	0.0	195.4

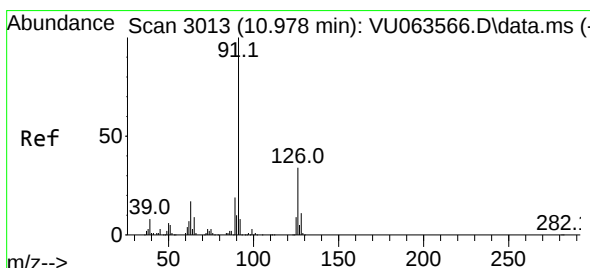
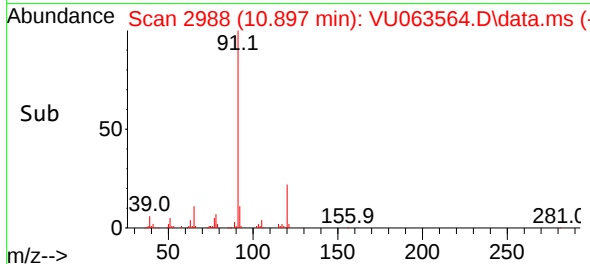
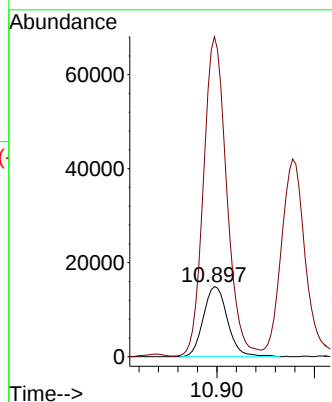
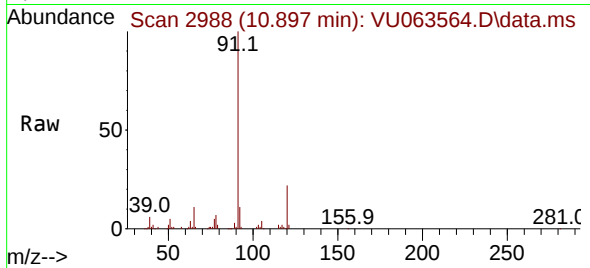




#73
n-propylbenzene
Concen: 2.180 ug/l
RT: 10.897 min Scan# 2988
Delta R.T. -0.000 min
Lab File: VU063564.D
Acq: 12 Sep 2025 10:14

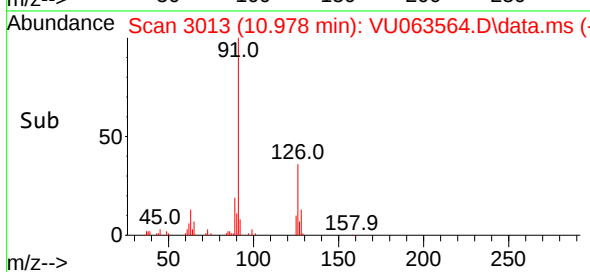
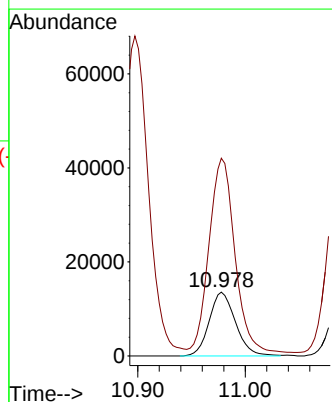
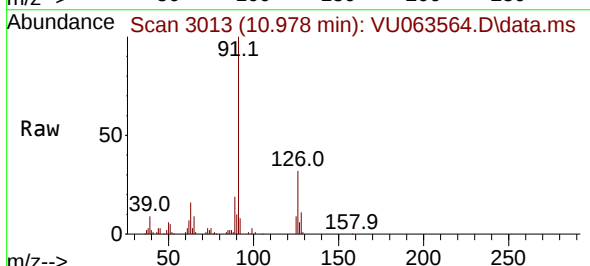
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

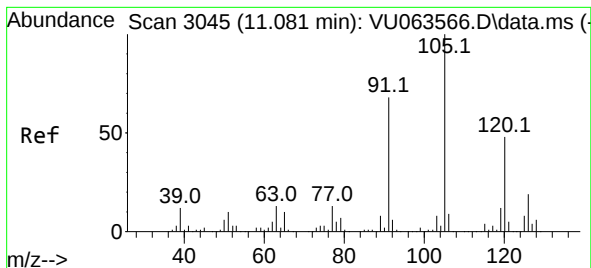
Tgt Ion:120 Resp: 25640
Ion Ratio Lower Upper
120 100
91 438.5 349.1 523.7



#74
2-Chlorotoluene
Concen: 2.190 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. -0.000 min
Lab File: VU063564.D
Acq: 12 Sep 2025 10:14

Tgt Ion:126 Resp: 23084
Ion Ratio Lower Upper
126 100
91 309.4 0.0 609.4





#75

1,3,5-Trimethylbenzene

Concen: 2.160 ug/l

RT: 11.081 min Scan# 3045

Delta R.T. -0.000 min

Lab File: VU063564.D

Acq: 12 Sep 2025 10:14

Instrument :

MSVOA_U

ClientSampleId :

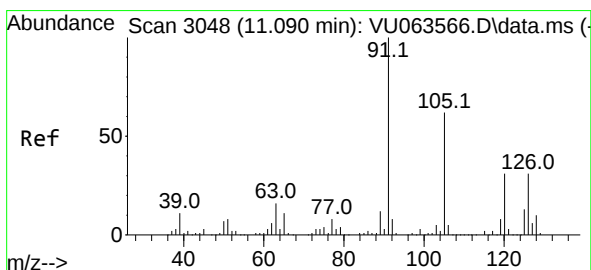
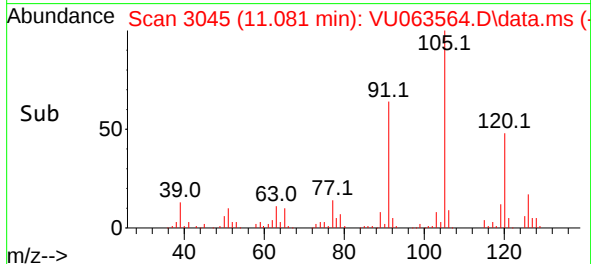
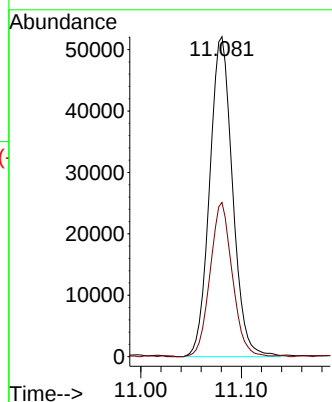
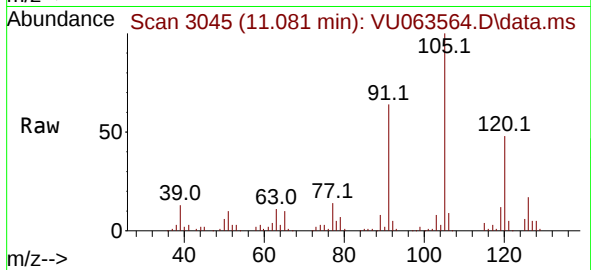
VSTDIC002

Tgt Ion:105 Resp: 82491

Ion Ratio Lower Upper

105 100

120 46.8 38.0 57.0



#76

4-Chlorotoluene

Concen: 2.240 ug/l

RT: 11.090 min Scan# 3048

Delta R.T. -0.000 min

Lab File: VU063564.D

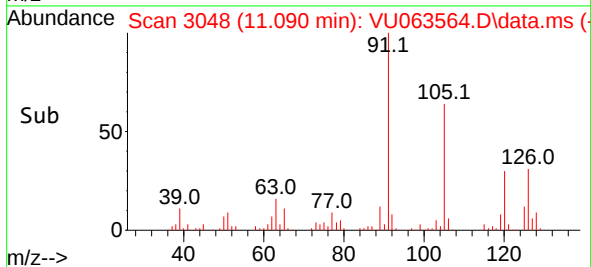
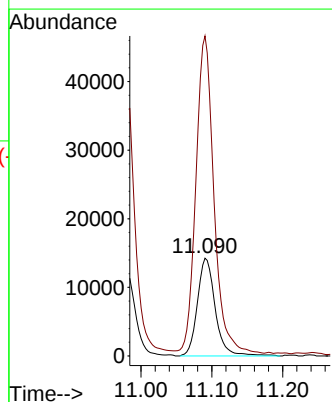
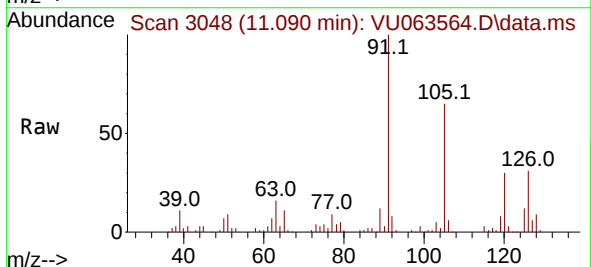
Acq: 12 Sep 2025 10:14

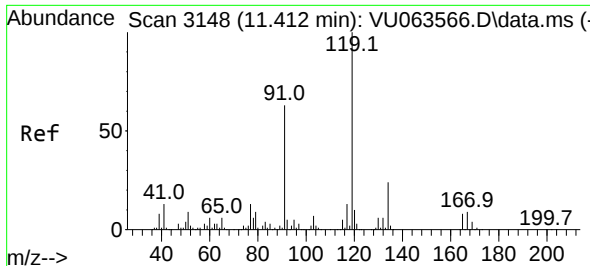
Tgt Ion:126 Resp: 24974

Ion Ratio Lower Upper

126 100

91 327.7 0.0 679.4

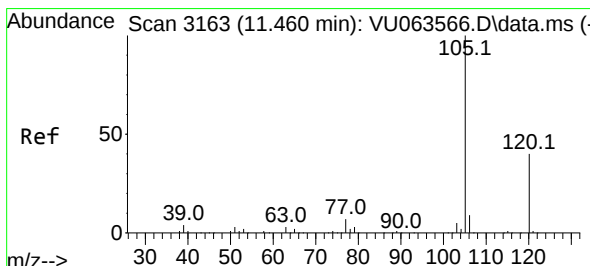
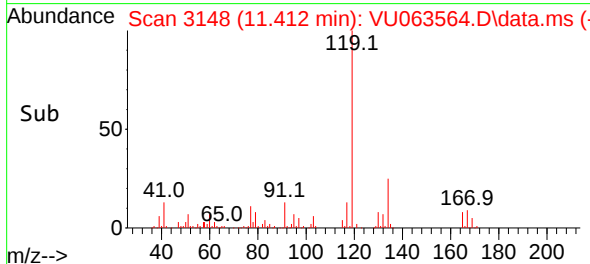
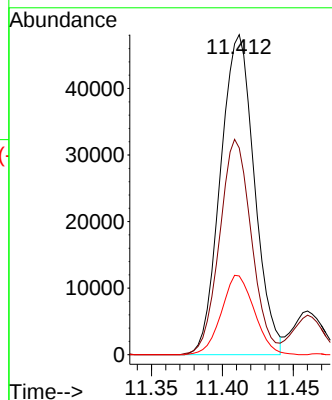
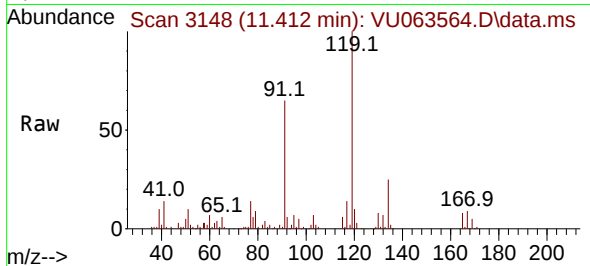




#77
tert-Butylbenzene
Concen: 2.162 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU063564.D
Acq: 12 Sep 2025 10:14

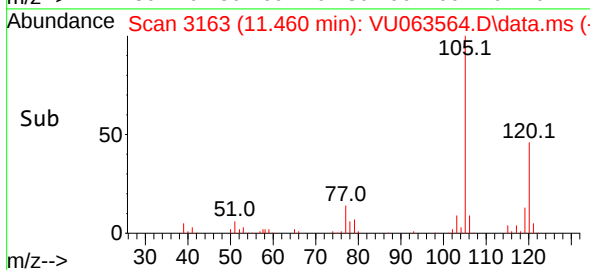
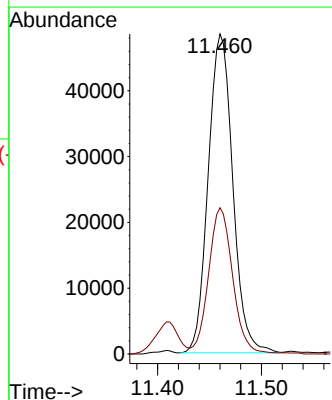
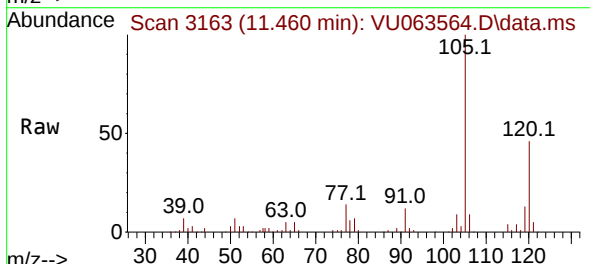
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

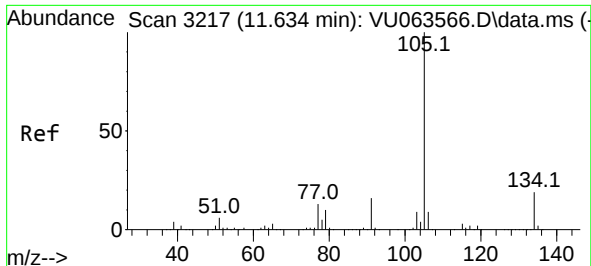
Tgt Ion:119 Resp: 80240
Ion Ratio Lower Upper
119 100
91 63.6 31.0 93.0
134 24.0 19.0 28.6



#78
1,2,4-Trimethylbenzene
Concen: 2.093 ug/l
RT: 11.460 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VU063564.D
Acq: 12 Sep 2025 10:14

Tgt Ion:105 Resp: 79542
Ion Ratio Lower Upper
105 100
120 45.2 22.4 67.3

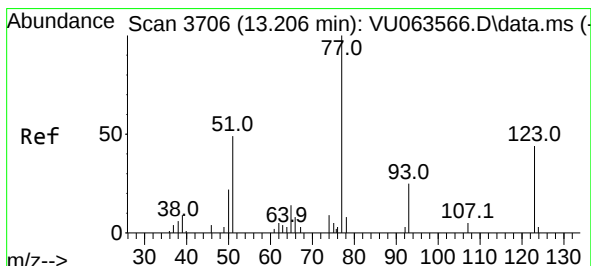
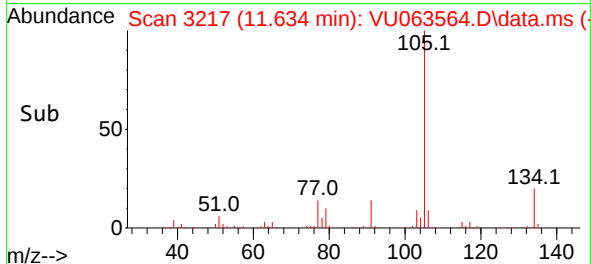
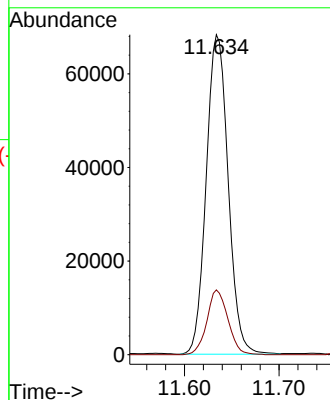
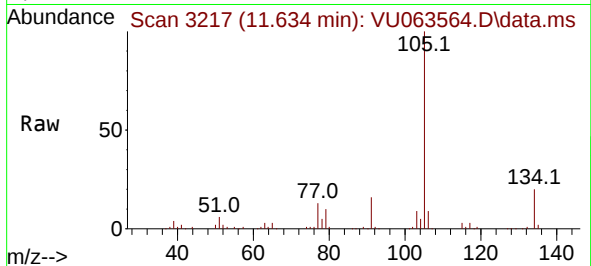




#79
 sec-Butylbenzene
 Concen: 2.194 ug/l
 RT: 11.634 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU063564.D
 Acq: 12 Sep 2025 10:14

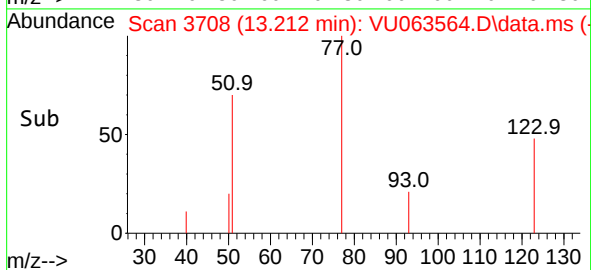
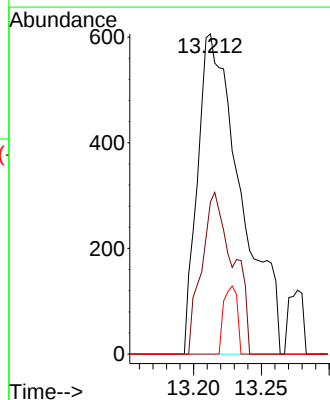
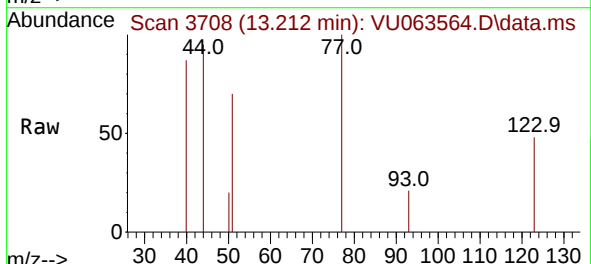
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

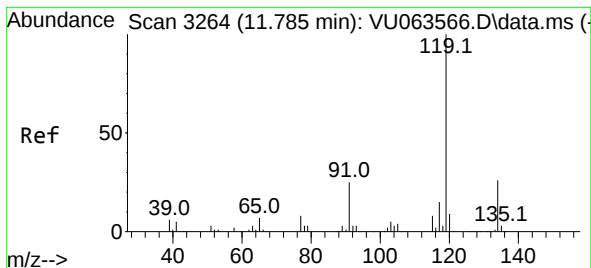
Tgt Ion:105 Resp: 110107
 Ion Ratio Lower Upper
 105 100
 134 19.4 15.6 23.4



#80
 Nitrobenzene
 Concen: 9.980 ug/l
 RT: 13.212 min Scan# 3708
 Delta R.T. 0.006 min
 Lab File: VU063564.D
 Acq: 12 Sep 2025 10:14

Tgt Ion: 77 Resp: 1347
 Ion Ratio Lower Upper
 77 100
 123 36.6 18.0 63.6
 65 6.6 12.8 16.4#





#81

p-Isopropyltoluene

Concen: 2.107 ug/l

RT: 11.785 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU063564.D

Acq: 12 Sep 2025 10:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

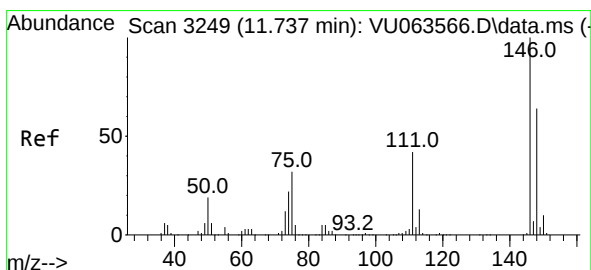
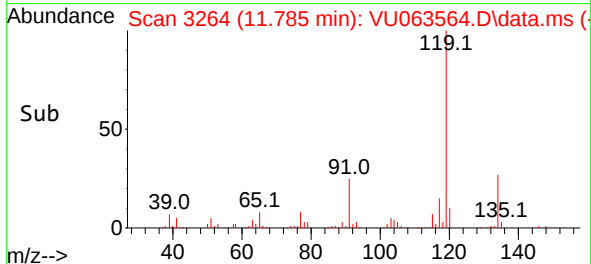
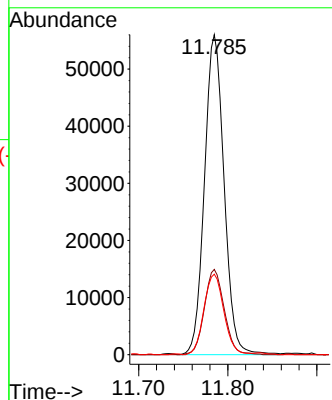
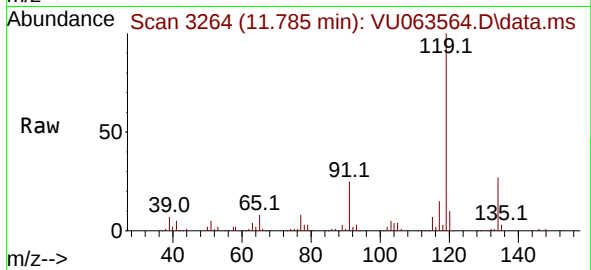
Tgt Ion:119 Resp: 85559

Ion Ratio Lower Upper

119 100

134 26.8 20.6 30.8

91 25.6 19.8 29.6



#82

1,3-Dichlorobenzene

Concen: 2.232 ug/l

RT: 11.740 min Scan# 3250

Delta R.T. 0.003 min

Lab File: VU063564.D

Acq: 12 Sep 2025 10:14

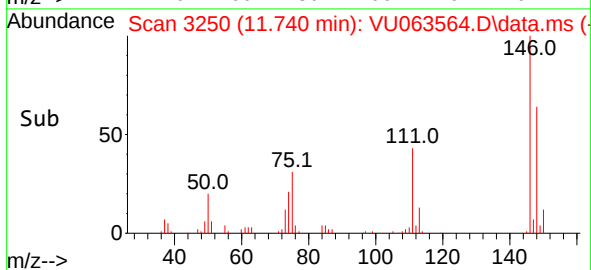
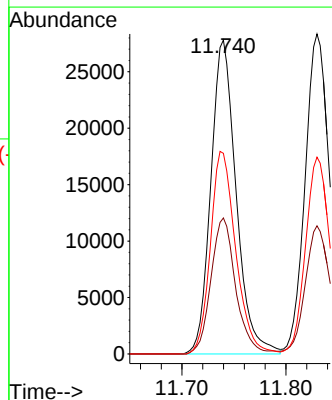
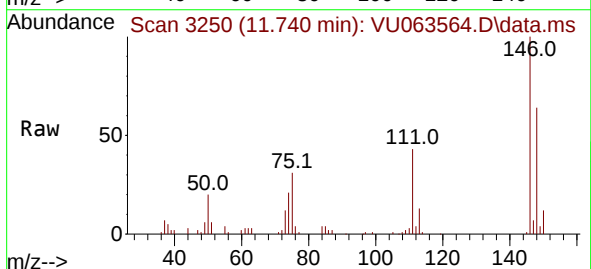
Tgt Ion:146 Resp: 46986

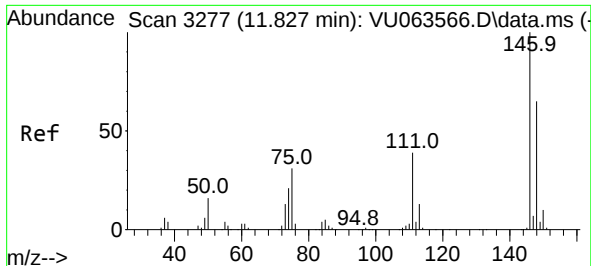
Ion Ratio Lower Upper

146 100

111 42.6 32.7 49.1

148 64.6 50.4 75.6



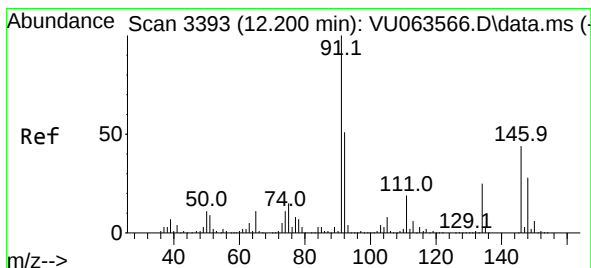
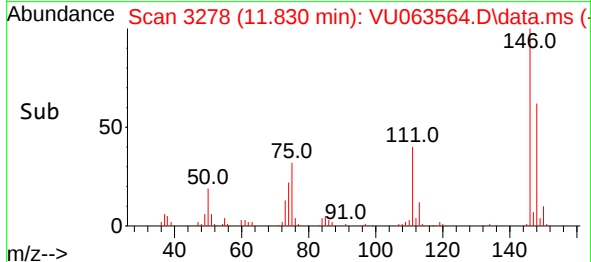
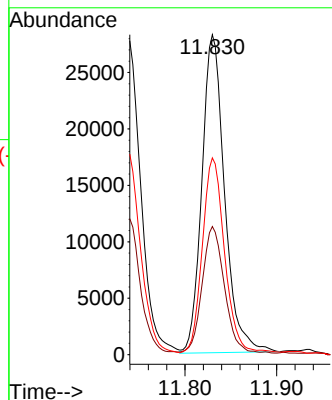
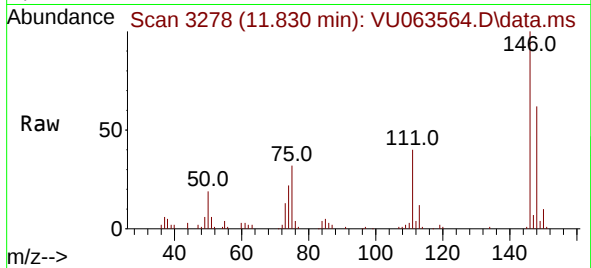


#83
1,4-Dichlorobenzene
Concen: 2.272 ug/l
RT: 11.830 min Scan# 3277
Delta R.T. 0.003 min
Lab File: VU063564.D
Acq: 12 Sep 2025 10:14

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion:146 Resp: 48505

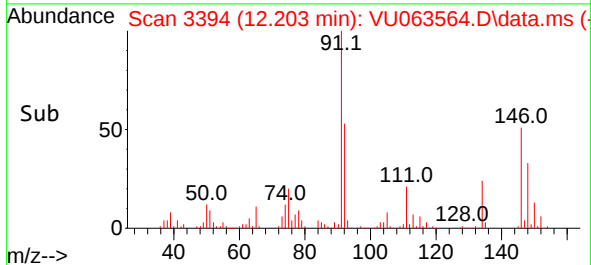
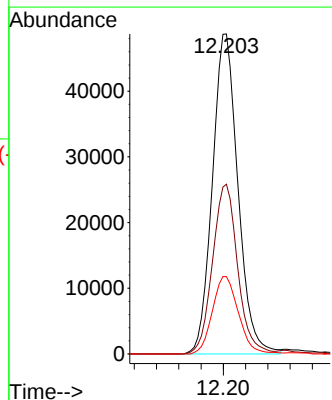
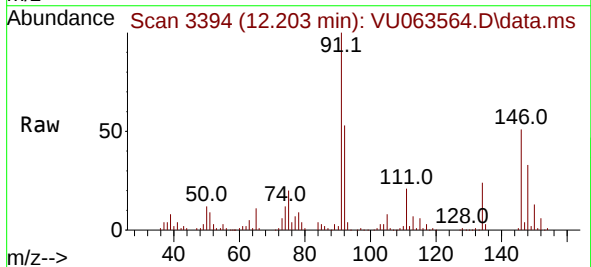
Ion	Ratio	Lower	Upper
146	100		
111	38.5	31.6	47.4
148	60.1	51.8	77.8

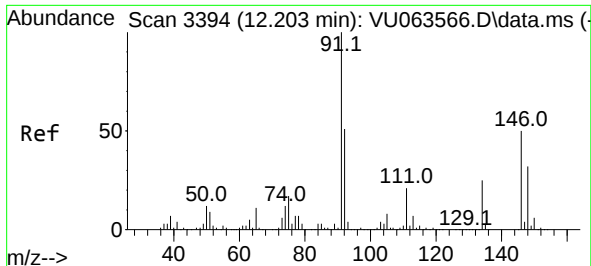


#84
n-Butylbenzene
Concen: 2.017 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. 0.003 min
Lab File: VU063564.D
Acq: 12 Sep 2025 10:14

Tgt Ion: 91 Resp: 77627

Ion	Ratio	Lower	Upper
91	100		
92	52.1	41.3	61.9
134	24.7	19.9	29.9

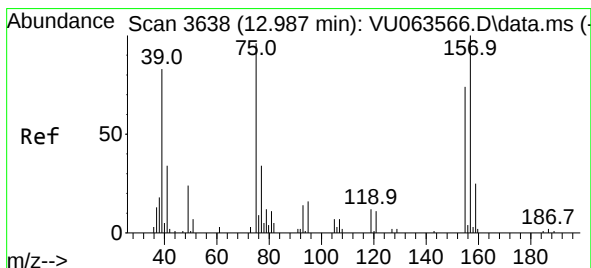
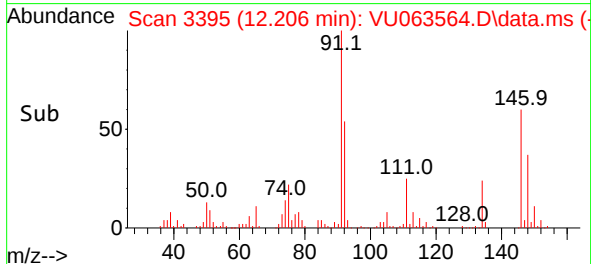
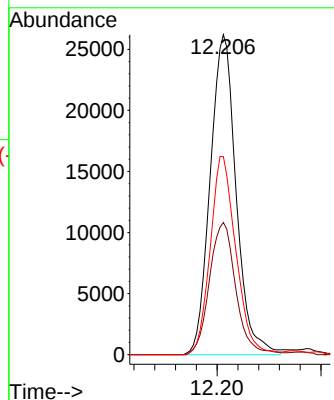
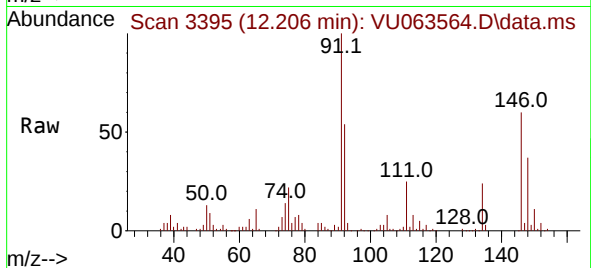




#85
 1,2-Dichlorobenzene
 Concen: 2.221 ug/l
 RT: 12.206 min Scan# 3394
 Delta R.T. 0.003 min
 Lab File: VU063564.D
 Acq: 12 Sep 2025 10:14

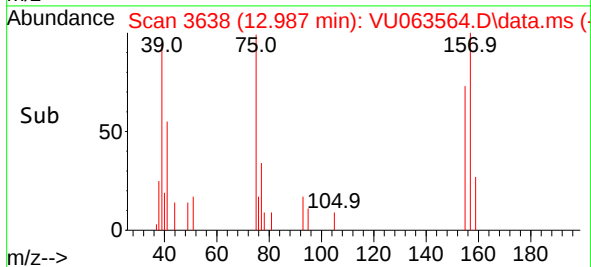
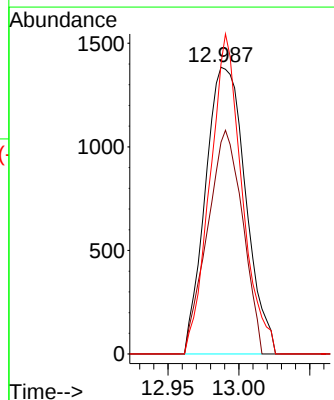
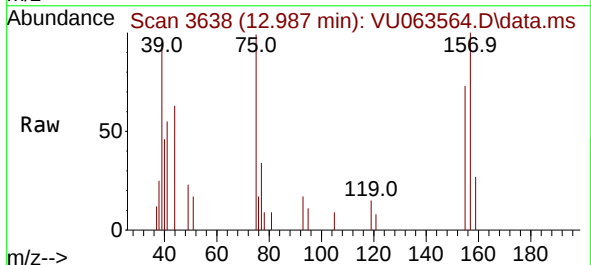
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

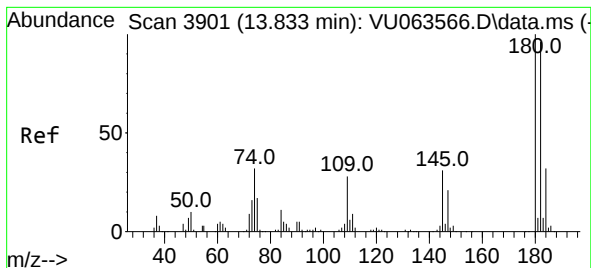
Tgt Ion:146 Resp: 45328
 Ion Ratio Lower Upper
 146 100
 111 42.0 21.0 63.0
 148 61.4 31.8 95.3



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 2.218 ug/l
 RT: 12.987 min Scan# 3638
 Delta R.T. -0.000 min
 Lab File: VU063564.D
 Acq: 12 Sep 2025 10:14

Tgt Ion: 75 Resp: 2729
 Ion Ratio Lower Upper
 75 100
 155 68.3 64.1 96.1
 157 89.0 84.2 126.4





#87

1,2,4-Trichlorobenzene

Concen: 2.159 ug/l

RT: 13.836 min Scan# 3901

Delta R.T. 0.003 min

Lab File: VU063564.D

Acq: 12 Sep 2025 10:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

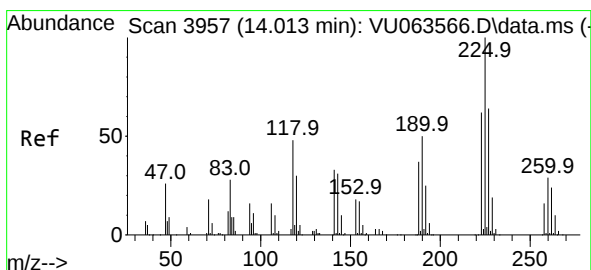
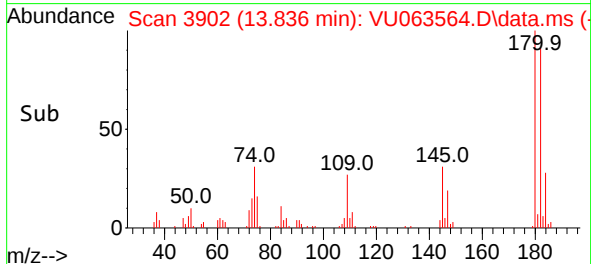
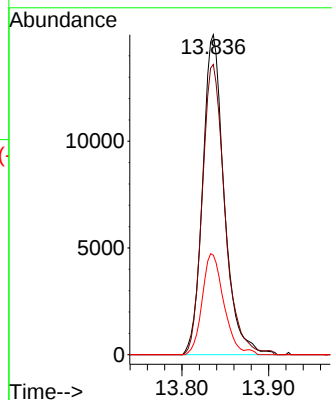
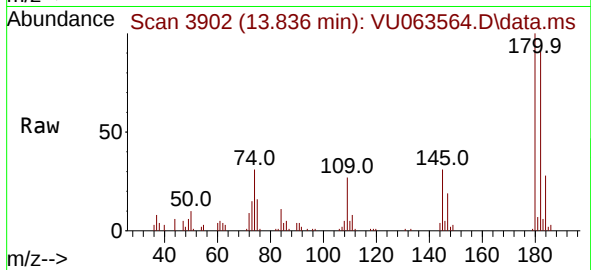
Tgt Ion:180 Resp: 25905

Ion Ratio Lower Upper

180 100

182 94.7 77.1 115.7

145 31.7 25.0 37.4



#88

Hexachlorobutadiene

Concen: 2.213 ug/l

RT: 14.013 min Scan# 3957

Delta R.T. -0.000 min

Lab File: VU063564.D

Acq: 12 Sep 2025 10:14

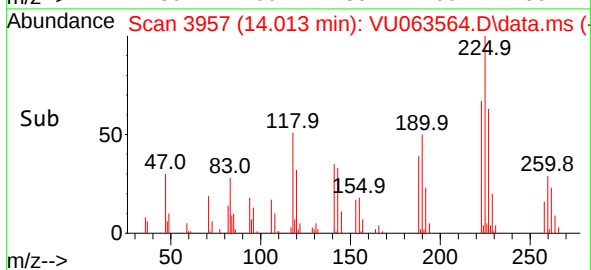
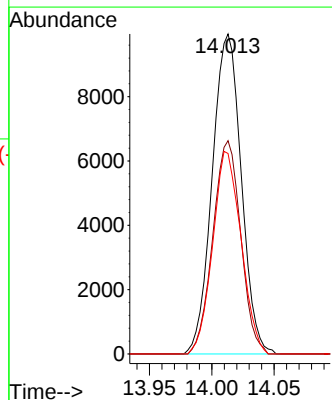
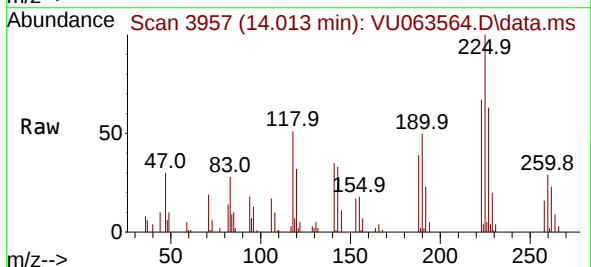
Tgt Ion:225 Resp: 16155

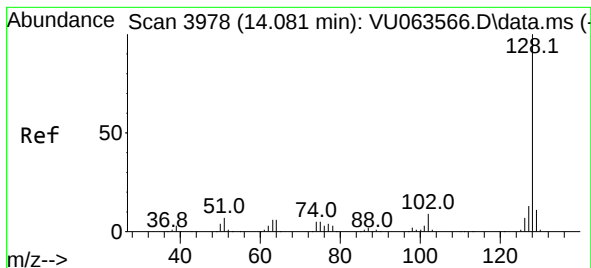
Ion Ratio Lower Upper

225 100

223 63.9 50.2 75.2

227 61.8 51.6 77.4





#89

Naphthalene

Concen: 2.019 ug/l

RT: 14.087 min Scan# 3978

Delta R.T. 0.006 min

Lab File: VU063564.D

Acq: 12 Sep 2025 10:14

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

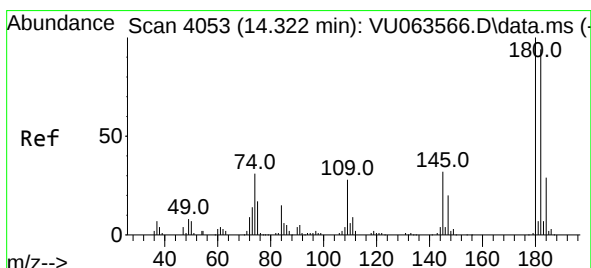
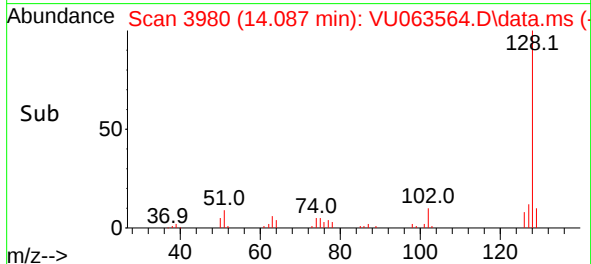
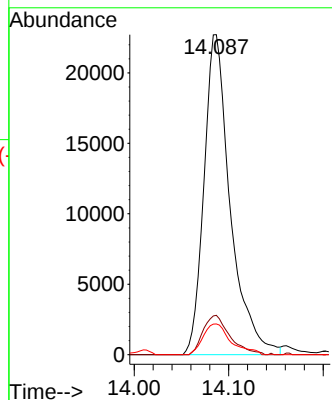
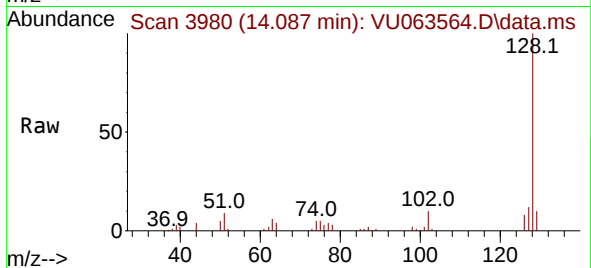
Tgt Ion:128 Resp: 43958

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.4

129 10.1 8.6 13.0



#90

1,2,3-Trichlorobenzene

Concen: 2.224 ug/l

RT: 14.322 min Scan# 4053

Delta R.T. -0.000 min

Lab File: VU063564.D

Acq: 12 Sep 2025 10:14

Tgt Ion:180 Resp: 24676

Ion Ratio Lower Upper

180 100

182 98.2 76.8 115.2

145 34.2 26.6 40.0

