

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103125\
 Data File : VU063655.D
 Acq On : 31 Oct 2025 09:34
 Operator : MD/SY
 Sample : VSTDICC0.5
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC0.5

Quant Time: Nov 03 00:11:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U103125DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Nov 03 00:08:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.081	96	64967	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.611	95	27659	1.098	ug/l	0.00
Spiked Amount 1.000			Recovery	=	110.000%	
68) 1,2-Dichlorobenzene-d4	12.171	152	23625	0.942	ug/l	0.00
Spiked Amount 1.000			Recovery	=	94.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.374	85	11031	0.499	ug/l	98
3) Chloromethane	1.509	50	11058	0.517	ug/l	96
4) Vinyl Chloride	1.589	62	10137	0.440	ug/l	95
5) Bromomethane	1.834	94	7610	0.538	ug/l	93
6) Chloroethane	1.914	64	6204	0.422	ug/l	95
7) Trichlorofluoromethane	2.120	101	14386	0.427	ug/l	96
8) 1,1,2-Trichloro-1,2,2-...	2.557	101	7825	0.416	ug/l	98
9) 1,1-Dichloroethene	2.554	96	7810	0.455	ug/l	98
10) Iodomethane	2.695	142	7886	0.317	ug/l	100
11) Allyl Chloride	2.895	41	11639	0.413	ug/l	97
12) Acrylonitrile	3.287	53	3180	0.628	ug/l	# 93
13) Acetone	2.605	43	16966	2.250	ug/l	97
14) Carbon Disulfide	2.766	76	22008	0.582	ug/l	100
15) Methylene Chloride	3.014	84	13328	0.594	ug/l	94
16) trans-1,2-Dichloroethene	3.319	96	8125	0.440	ug/l	90
17) 1,1-Dichloroethane	3.830	63	17040	0.414	ug/l	95
18) 2-Butanone	4.692	43	18322	2.182	ug/l	92
19) Cyclohexane	5.345	56	12502	0.381	ug/l	96
20) Methylcyclohexane	6.727	83	15466	0.491	ug/l	98
21) 2,2-Dichloropropane	4.628	77	15902	0.506	ug/l	98
22) cis-1,2-Dichloroethene	4.628	96	9995	0.447	ug/l	98
23) Diethyl Ether	2.358	59	6078	0.402	ug/l	94
24) tert-Butyl Alcohol	3.165	59	36883	17.678	ug/l	# 84
25) Methyl tert-Butyl Ether	3.345	73	21406	0.418	ug/l	97
26) Bromochloromethane	4.939	128	4265	0.471	ug/l	97
27) Chloroform	5.055	83	17991	0.436	ug/l	91
28) 1,1,1-Trichloroethane	5.280	97	15598	0.481	ug/l	99
29) 1,1-Dichloropropene	5.489	75	12386	0.414	ug/l	87
30) Carbon Tetrachloride	5.486	117	11119	0.460	ug/l	98
31) Isopropyl Ether	3.972	45	26430	0.386	ug/l	99
32) Ethyl-t-butyl ether	4.483	59	25057	0.420	ug/l	97
33) Tert-Amyl methyl ether	5.923	73	21901	0.428	ug/l	97
34) Propionitrile	4.756	54	2521	1.317	ug/l	# 79
35) Benzene	5.740	78	35408	0.416	ug/l	99
36) 1,2-Dichloroethane	5.763	62	11415	0.398	ug/l	98
37) Trichloroethene	6.509	130	10425	0.485	ug/l	80
38) 1,2-Dichloropropane	6.766	63	10935	0.487	ug/l	91
39) Methacrylonitrile	4.956	41	2364	0.262	ug/l	# 72
40) Methyl acrylate	4.830	55	5235	0.422	ug/l	# 94
41) Tetrahydrofuran	5.033	42	2223	0.474	ug/l	90
42) 1-Chlorobutane	5.425	56	16417	0.394	ug/l	88
43) Dibromomethane	6.888	93	4766	0.429	ug/l	# 83
44) Bromodichloromethane	7.081	83	13007	0.539	ug/l	92

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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Nov 03 00:08:51 2025
 Response via : Initial Calibration

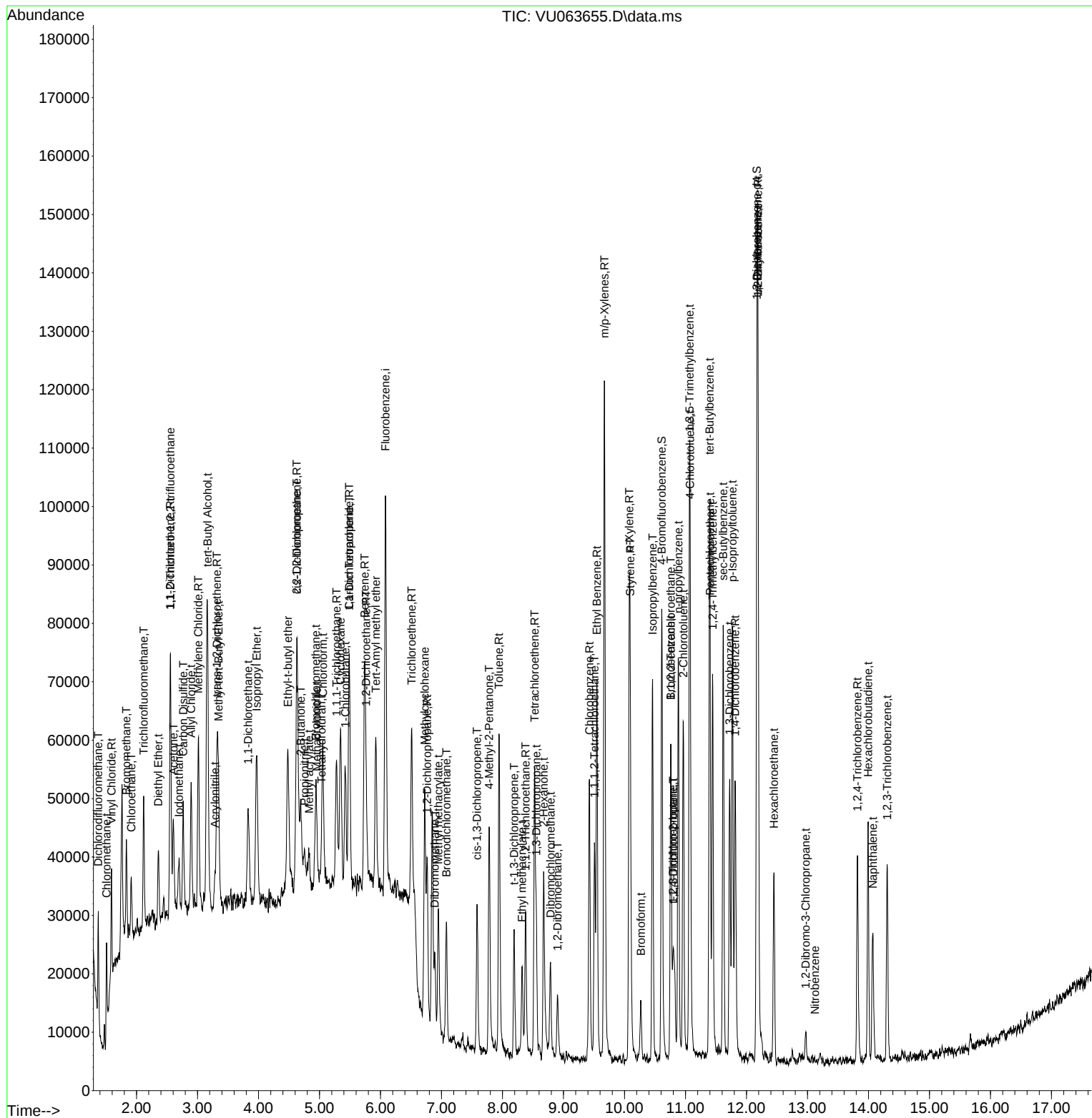
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.779	43	27506	1.993	ug/l	99
46) t-1,4-Dichloro-2-butene	10.798	75	10453	2.062	ug/l #	55
47) Methyl methacrylate	6.949	69	8661	0.862	ug/l	95
48) Ethyl methacrylate	8.322	69	7839	0.415	ug/l	89
49) Toluene	7.943	92	24315	0.509	ug/l	99
50) t-1,3-Dichloropropene	8.190	75	11484	0.615	ug/l	94
51) cis-1,3-Dichloropropene	7.582	75	14039	0.575	ug/l	95
52) 1,1,2-Trichloroethane	8.377	97	6992	0.450	ug/l	89
53) 1,3-Dichloropropane	8.553	76	12795	0.472	ug/l	97
54) 2-Hexanone	8.676	43	23150	2.223	ug/l	97
55) Dibromochloromethane	8.788	129	7691	0.493	ug/l	98
56) 1,2-Dibromoethane	8.901	107	6842	0.502	ug/l	97
58) Tetrachloroethene	8.528	164	9847	0.459	ug/l	91
59) Chlorobenzene	9.425	112	25823	0.475	ug/l	95
60) 1,1,1,2-Tetrachloroethane	9.508	131	9418	0.526	ug/l	99
61) Pentachloroethane	11.405	117	6242	0.490	ug/l	100
62) Hexachloroethane	12.450	117	6616	0.565	ug/l	93
63) Ethyl Benzene	9.547	91	48067	0.514	ug/l	98
64) m/p-Xylenes	9.672	106	35163	0.982	ug/l	100
65) o-Xylene	10.078	106	17161	0.480	ug/l	96
66) Styrene	10.094	104	27222	0.477	ug/l	99
67) Bromoform	10.267	173	4052	0.516	ug/l #	91
69) Isopropylbenzene	10.460	105	42310	0.487	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.759	83	8145	0.413	ug/l #	97
71) 1,2,3-Trichloropropane	10.798	75	10453	0.687	ug/l #	84
72) Bromobenzene	10.759	156	10076	0.451	ug/l	82
73) n-propylbenzene	10.881	120	11934	0.478	ug/l	94
74) 2-Chlorotoluene	10.965	126	10452	0.466	ug/l	98
75) 1,3,5-Trimethylbenzene	11.065	105	39089	0.483	ug/l	99
76) 4-Chlorotoluene	11.078	126	10444	0.446	ug/l	94
77) tert-Butylbenzene	11.396	119	38585	0.491	ug/l	98
78) 1,2,4-Trimethylbenzene	11.444	105	35362	0.449	ug/l	99
79) sec-Butylbenzene	11.618	105	49087	0.463	ug/l	99
80) Nitrobenzene	13.122	77	36	0.109	ug/l #	1
81) p-Isopropyltoluene	11.769	119	42034	0.493	ug/l	100
82) 1,3-Dichlorobenzene	11.724	146	19457	0.436	ug/l	98
83) 1,4-Dichlorobenzene	11.814	146	18977	0.414	ug/l	92
84) n-Butylbenzene	12.184	91	35890	0.450	ug/l	99
85) 1,2-Dichlorobenzene	12.190	146	18222	0.424	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	12.971	75	1302	0.484	ug/l	97
87) 1,2,4-Trichlorobenzene	13.820	180	10972	0.419	ug/l	99
88) Hexachlorobutadiene	13.994	225	6710	0.417	ug/l	98
89) Naphthalene	14.071	128	21452	0.454	ug/l	99
90) 1,2,3-Trichlorobenzene	14.306	180	9786	0.396	ug/l	98

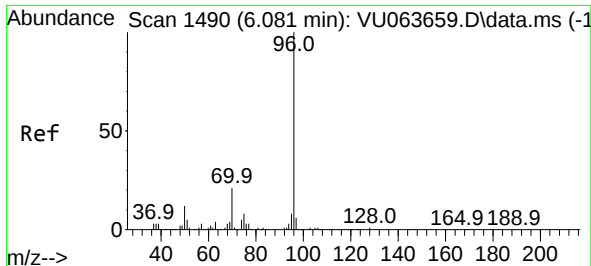
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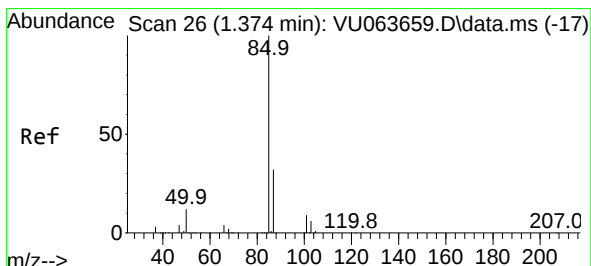
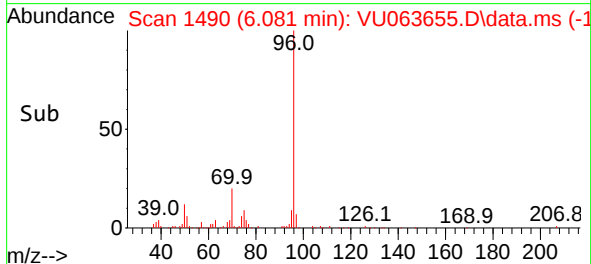
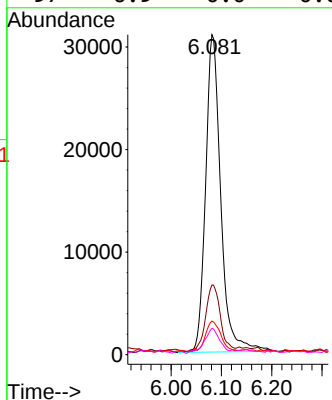
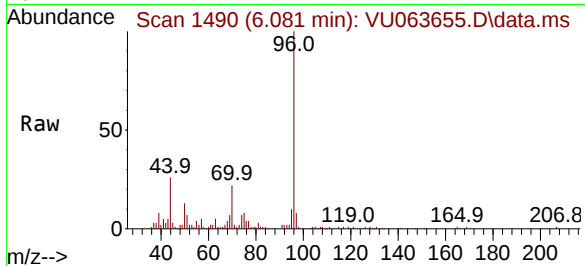




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.081 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VU063655.D
Acq: 31 Oct 2025 09:34

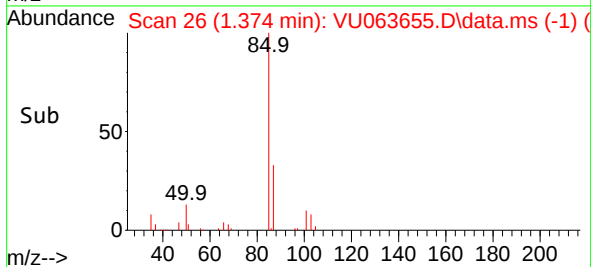
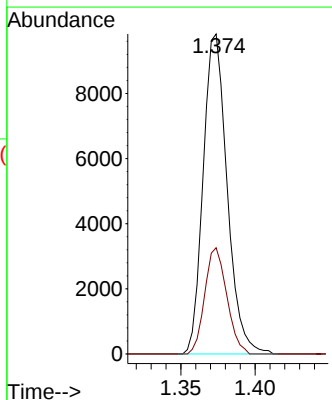
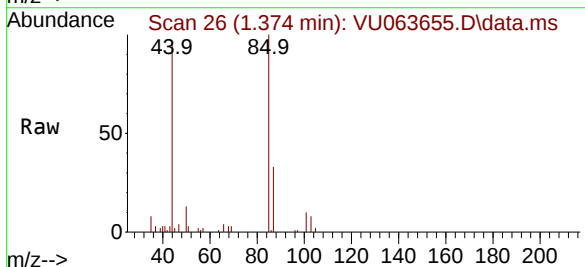
Instrument :
MSVOA_U
ClientSampleId :
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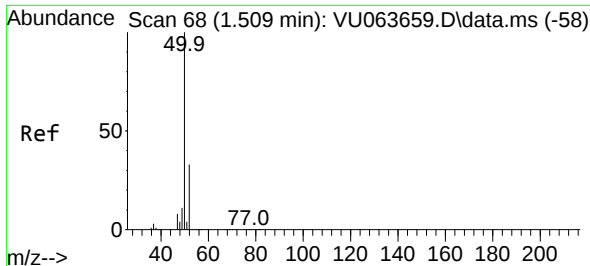
Tgt Ion:	96	Resp:	64967
Ion	Ratio	Lower	Upper
96	100		
70	18.7	15.3	22.9
95	8.7	6.5	9.7
97	6.9	0.0	0.0



#2
Dichlorodifluoromethane
Concen: 0.499 ug/l
RT: 1.374 min Scan# 26
Delta R.T. -0.000 min
Lab File: VU063655.D
Acq: 31 Oct 2025 09:34

Tgt Ion:	85	Resp:	11031
Ion	Ratio	Lower	Upper
85	100		
87	33.2	16.0	47.9

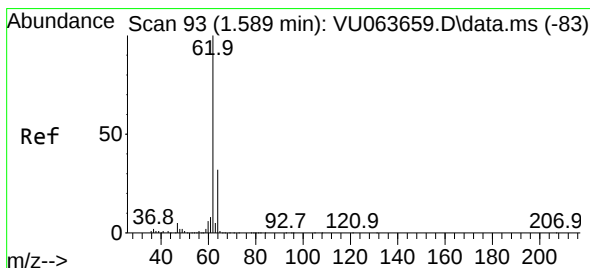
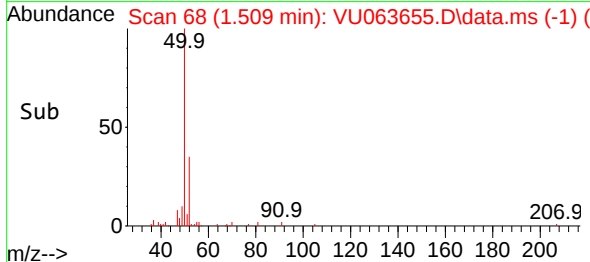
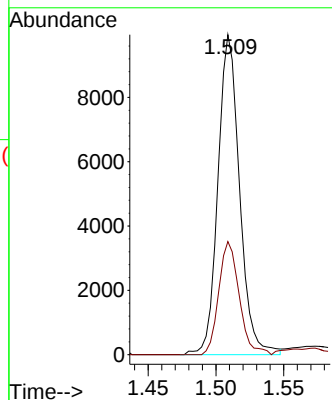
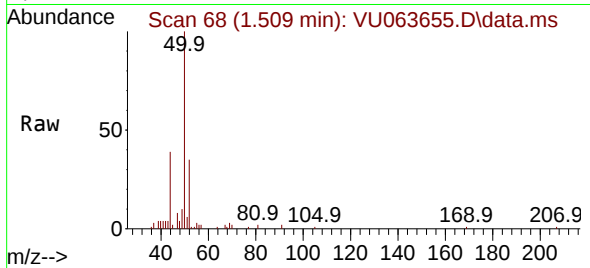




#3
Chloromethane
Concen: 0.517 ug/l
RT: 1.509 min Scan# 68
Delta R.T. -0.000 min
Lab File: VU063655.D
Acq: 31 Oct 2025 09:34

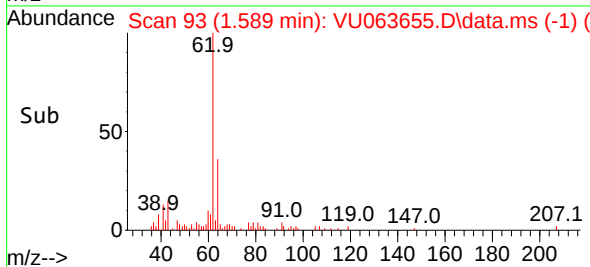
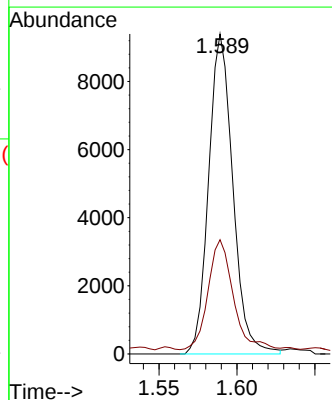
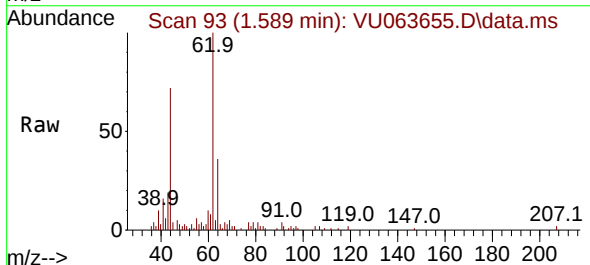
Instrument :
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ClientSampleId :
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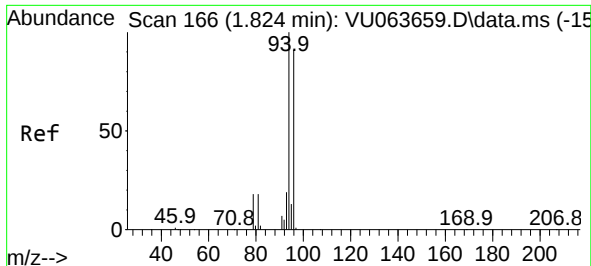
Tgt Ion: 50 Resp: 11058
Ion Ratio Lower Upper
50 100
52 35.4 26.6 40.0



#4
Vinyl Chloride
Concen: 0.440 ug/l
RT: 1.589 min Scan# 93
Delta R.T. -0.000 min
Lab File: VU063655.D
Acq: 31 Oct 2025 09:34

Tgt Ion: 62 Resp: 10137
Ion Ratio Lower Upper
62 100
64 34.4 25.2 37.8

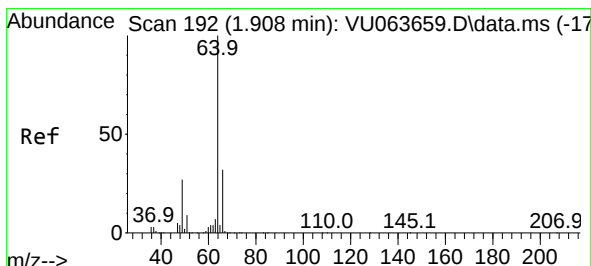
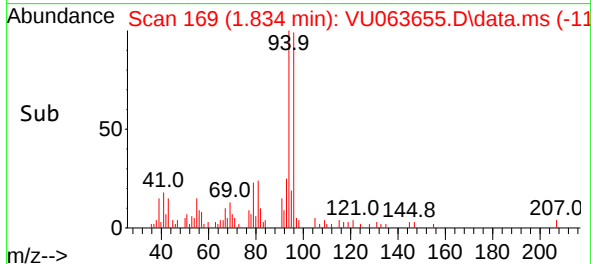
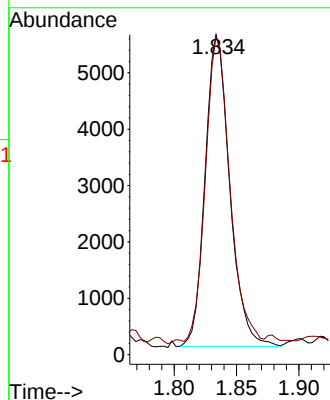
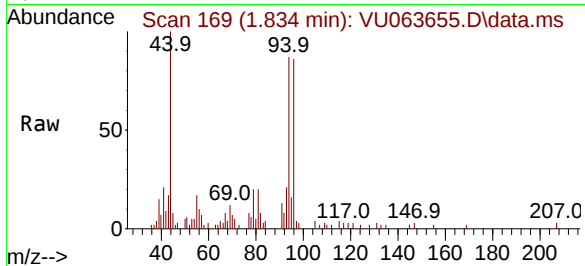




#5
Bromomethane
Concen: 0.538 ug/l
RT: 1.834 min Scan# 11
Delta R.T. 0.010 min
Lab File: VU063655.D
Acq: 31 Oct 2025 09:34

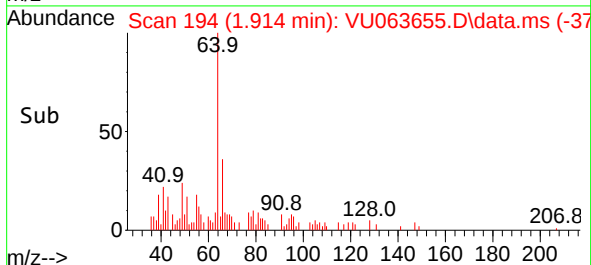
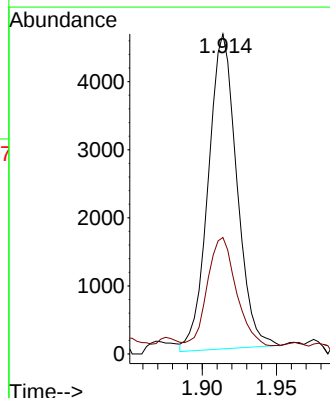
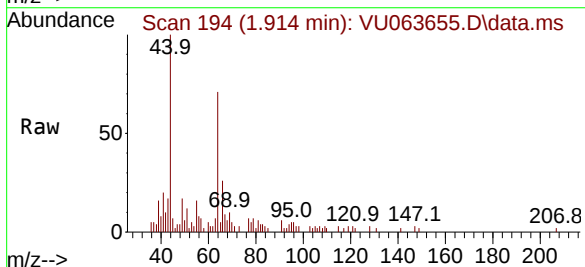
Instrument :
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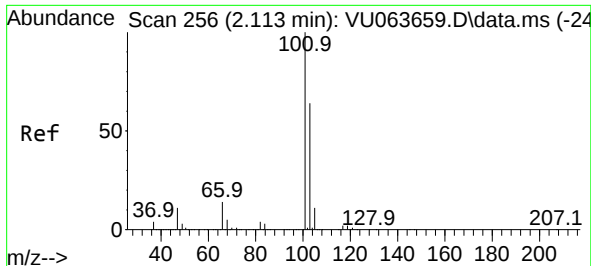
Tgt Ion: 94 Resp: 7610
Ion Ratio Lower Upper
94 100
96 97.5 73.0 109.6



#6
Chloroethane
Concen: 0.422 ug/l
RT: 1.914 min Scan# 194
Delta R.T. 0.006 min
Lab File: VU063655.D
Acq: 31 Oct 2025 09:34

Tgt Ion: 64 Resp: 6204
Ion Ratio Lower Upper
64 100
66 34.7 25.4 38.2

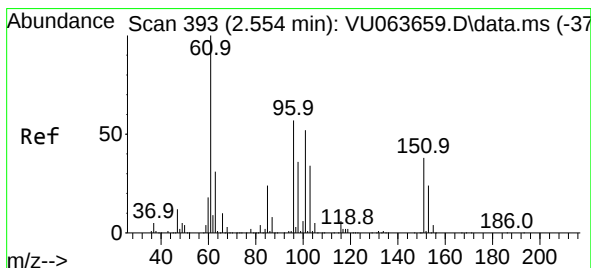
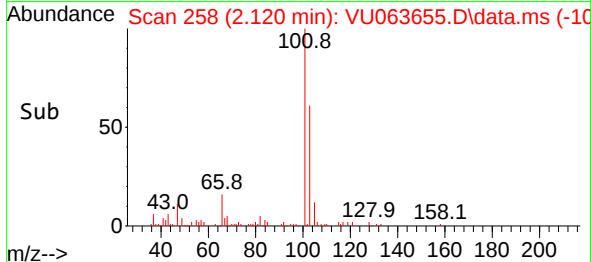
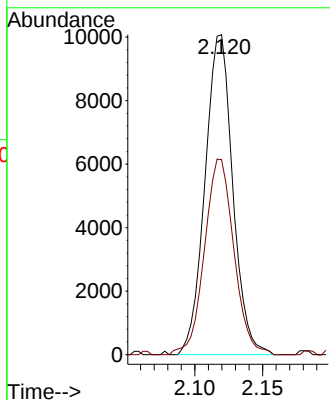
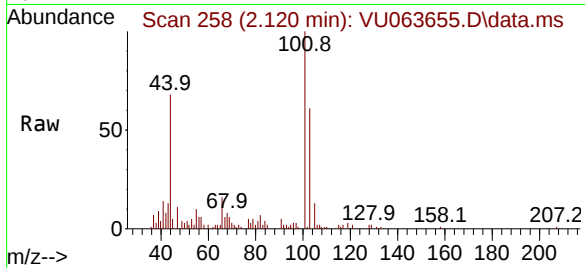




#7
 Trichlorofluoromethane
 Concen: 0.427 ug/l
 RT: 2.120 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VU063655.D
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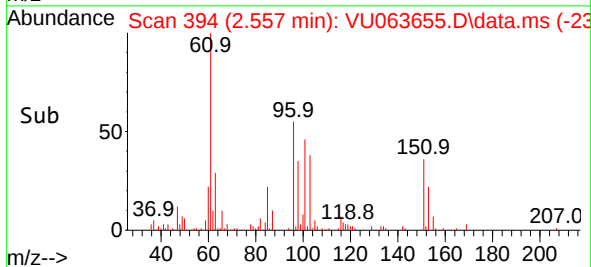
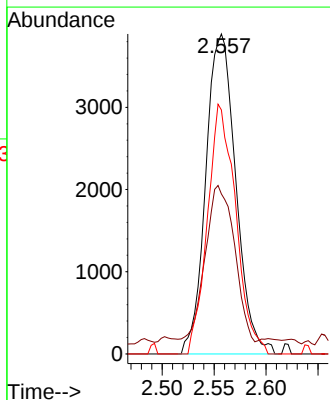
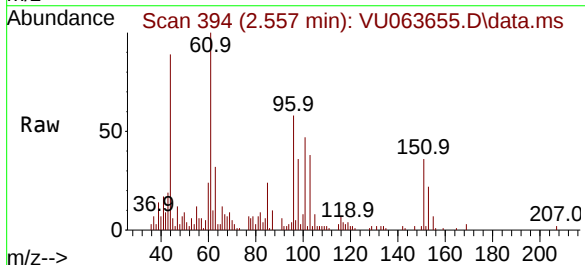
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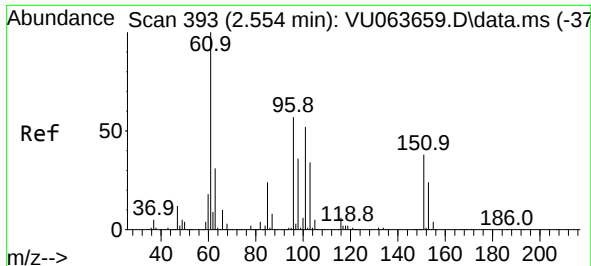
Tgt Ion:101 Resp: 14386
 Ion Ratio Lower Upper
 101 100
 103 60.9 51.0 76.6



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.416 ug/l
 RT: 2.557 min Scan# 394
 Delta R.T. 0.003 min
 Lab File: VU063655.D
 Acq: 31 Oct 2025 09:34

Tgt Ion:101 Resp: 7825
 Ion Ratio Lower Upper
 101 100
 85 46.4 37.0 55.4
 151 73.6 57.2 85.8

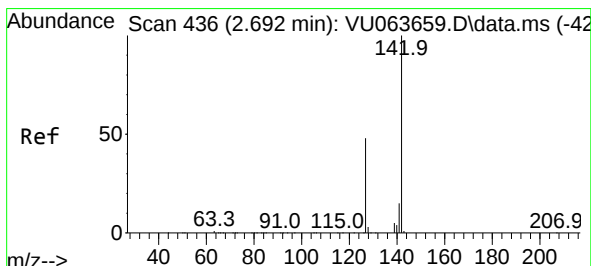
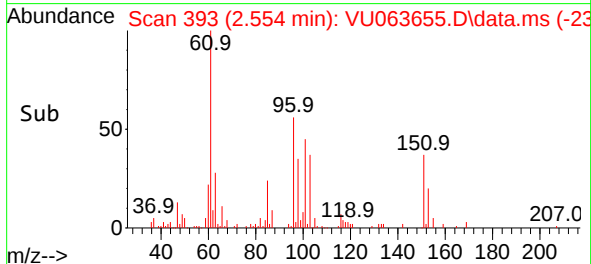
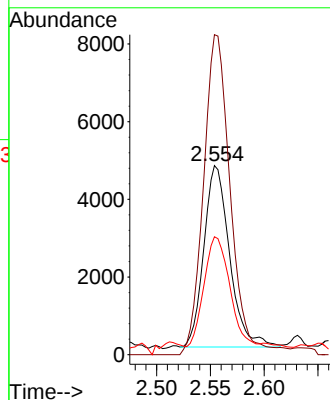
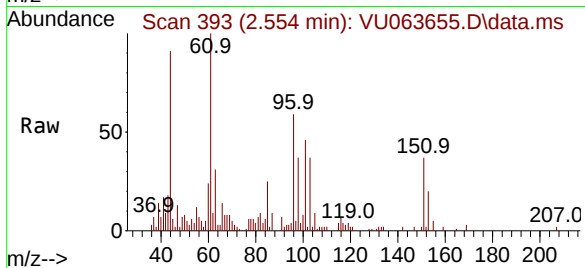




#9
1,1-Dichloroethene
Concen: 0.455 ug/l
RT: 2.554 min Scan# 393
Delta R.T. -0.000 min
Lab File: VU063655.D
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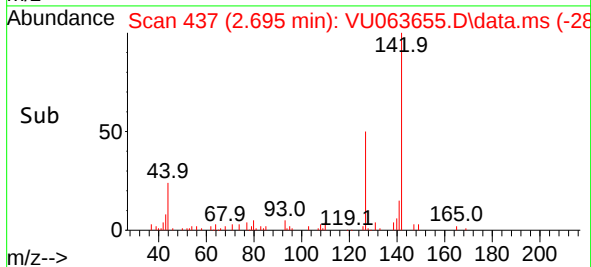
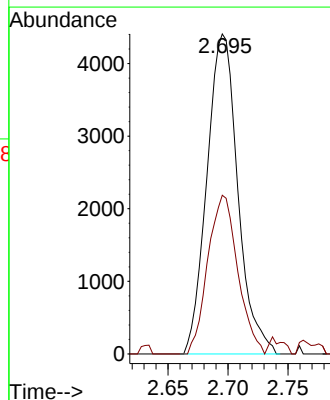
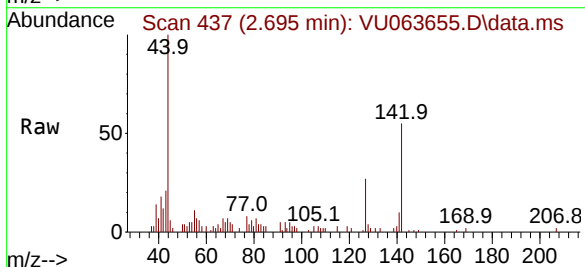
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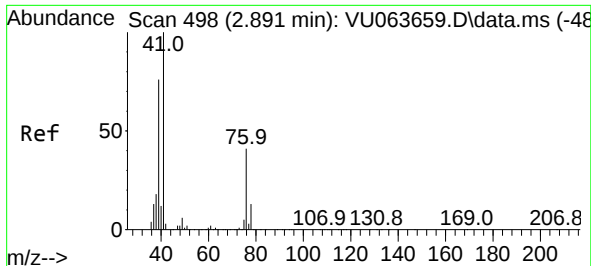
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Ion Ratio Lower Upper
96 100
61 176.3 0.0 524.7
98 59.7 0.0 126.8



#10
Iodomethane
Concen: 0.317 ug/l
RT: 2.695 min Scan# 437
Delta R.T. 0.003 min
Lab File: VU063655.D
Acq: 31 Oct 2025 09:34

Tgt Ion: 142 Resp: 7886
Ion Ratio Lower Upper
142 100
127 48.1 38.6 58.0

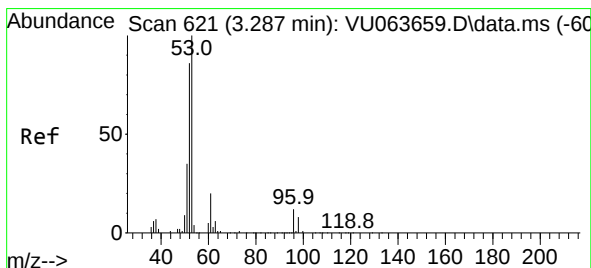
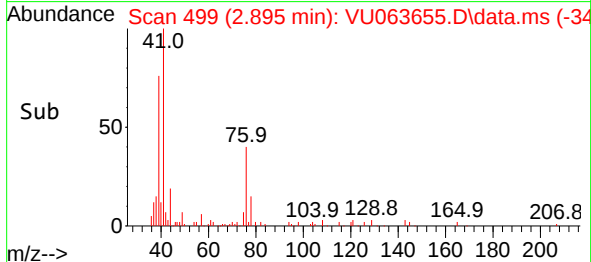
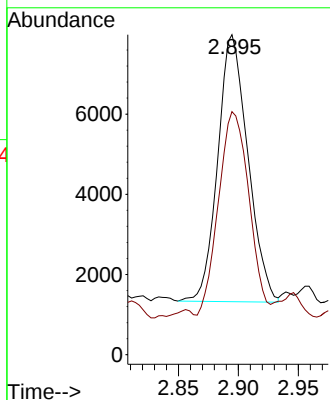
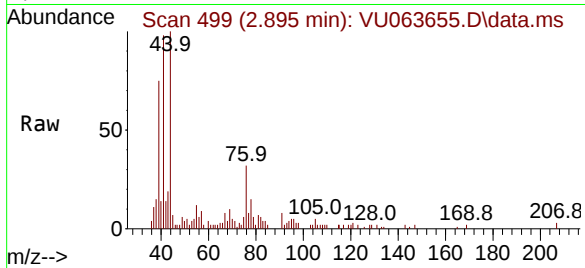




#11
 Allyl Chloride
 Concen: 0.413 ug/l
 RT: 2.895 min Scan# 499
 Delta R.T. 0.003 min
 Lab File: VU063655.D
 Acq: 31 Oct 2025 09:34

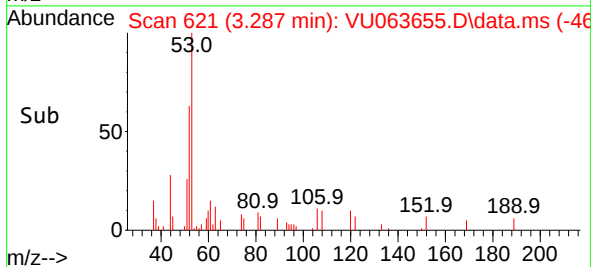
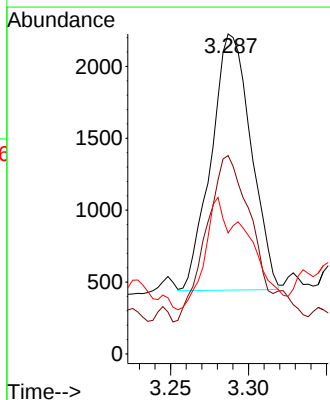
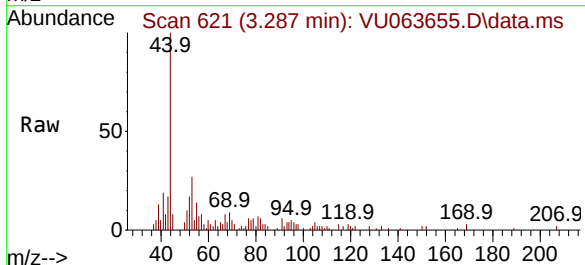
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

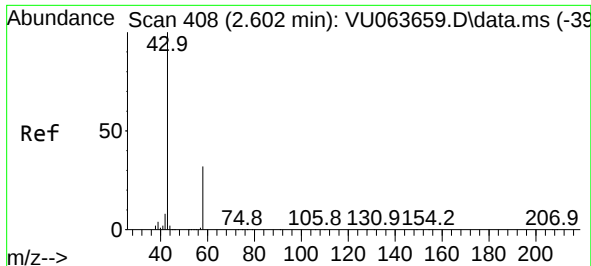
Tgt Ion: 41 Resp: 11639
 Ion Ratio Lower Upper
 41 100
 39 79.1 61.0 91.4



#12
 Acrylonitrile
 Concen: 0.628 ug/l
 RT: 3.287 min Scan# 621
 Delta R.T. -0.000 min
 Lab File: VU063655.D
 Acq: 31 Oct 2025 09:34

Tgt Ion: 53 Resp: 3180
 Ion Ratio Lower Upper
 53 100
 52 79.9 65.4 98.0
 51 23.6 27.6 41.4#





#13

Acetone

Concen: 2.250 ug/l

RT: 2.605 min Scan# 408

Delta R.T. 0.003 min

Lab File: VU063655.D

Acq: 31 Oct 2025 09:34

Instrument :

MSVOA_U

ClientSampleId :

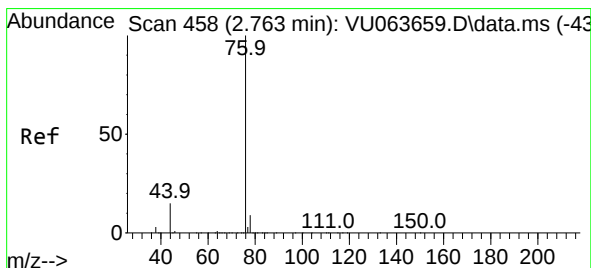
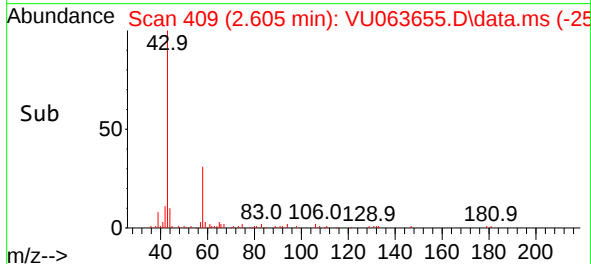
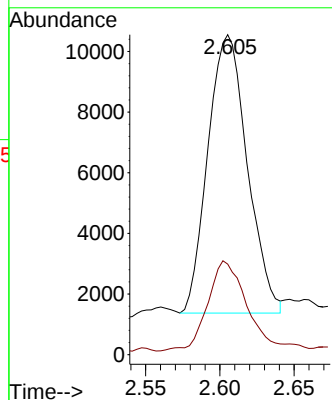
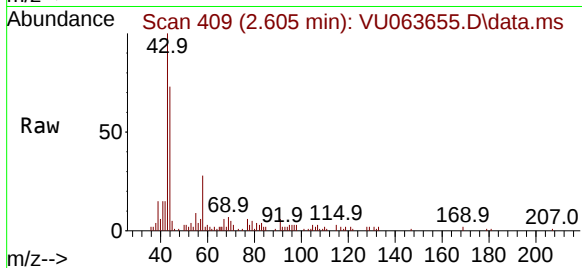
VSTDIC0.5

Tgt Ion: 43 Resp: 16966

Ion Ratio Lower Upper

43 100

58 30.0 25.2 37.8



#14

Carbon Disulfide

Concen: 0.582 ug/l

RT: 2.766 min Scan# 459

Delta R.T. 0.003 min

Lab File: VU063655.D

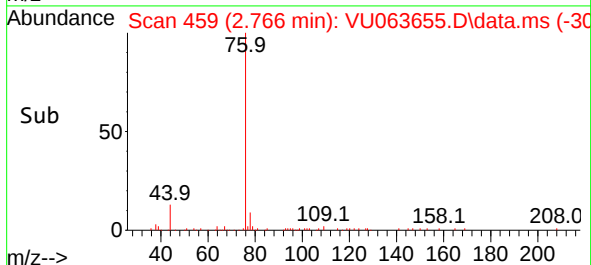
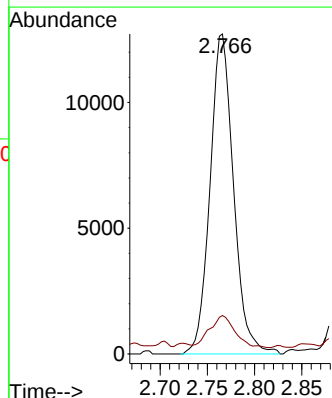
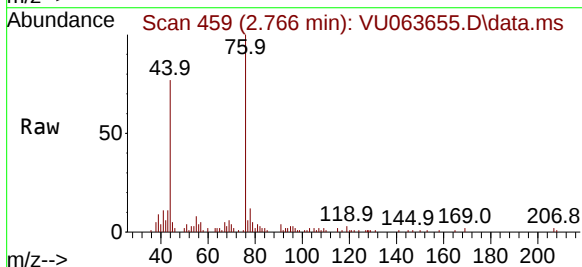
Acq: 31 Oct 2025 09:34

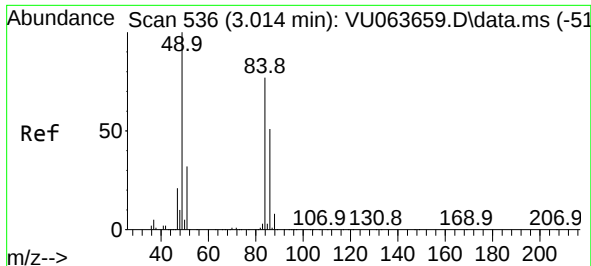
Tgt Ion: 76 Resp: 22008

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3

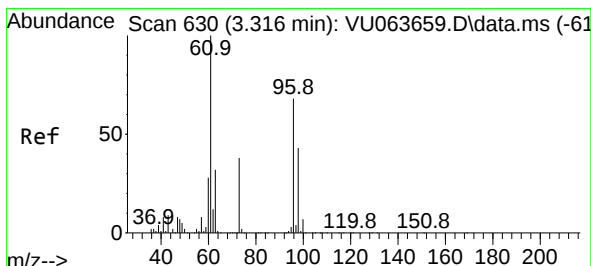
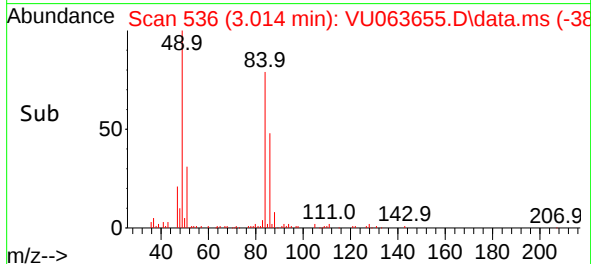
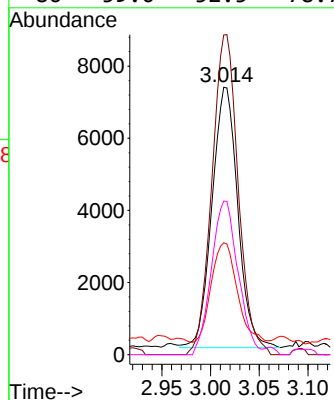
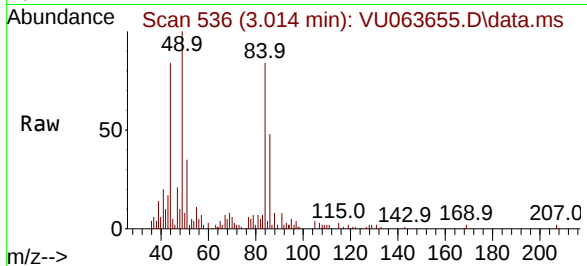




#15
Methylene Chloride
Concen: 0.594 ug/l
RT: 3.014 min Scan# 511
Delta R.T. -0.000 min
Lab File: VU063655.D
Acq: 31 Oct 2025 09:34

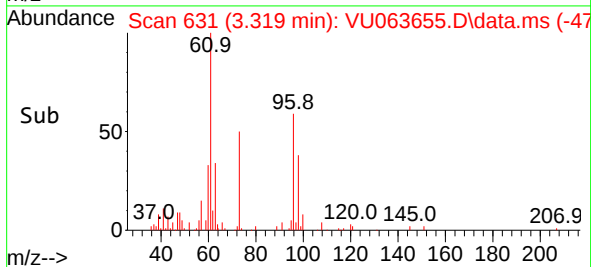
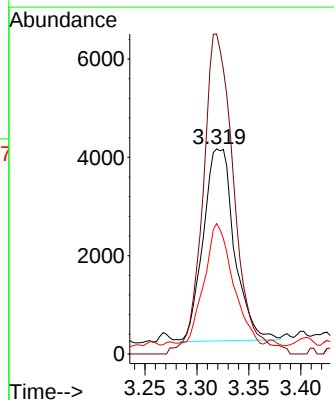
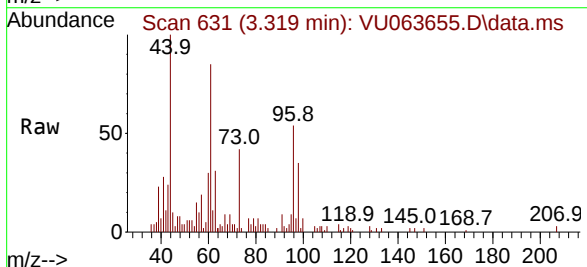
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

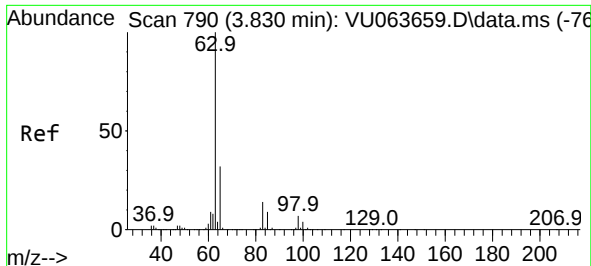
Tgt Ion:	84	Resp:	13328
Ion	Ratio	Lower	Upper
84	100		
49	122.8	103.4	155.0
51	36.7	0.0	81.6
86	59.0	52.5	78.7



#16
trans-1,2-Dichloroethene
Concen: 0.440 ug/l
RT: 3.319 min Scan# 631
Delta R.T. 0.003 min
Lab File: VU063655.D
Acq: 31 Oct 2025 09:34

Tgt Ion:	96	Resp:	8125
Ion	Ratio	Lower	Upper
96	100		
61	163.4	117.4	176.2
98	63.4	49.9	74.9

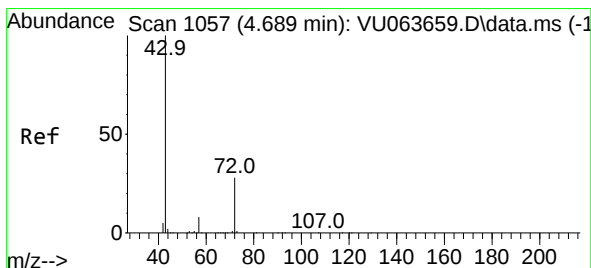
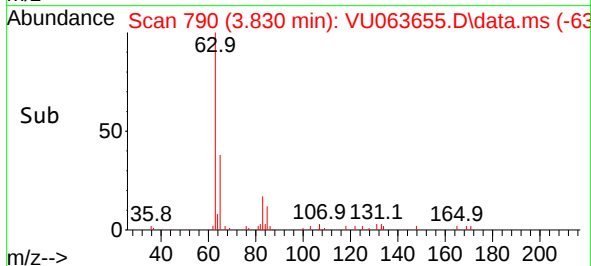
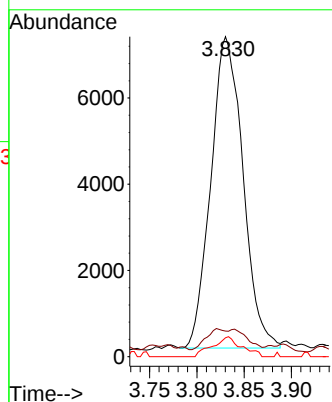
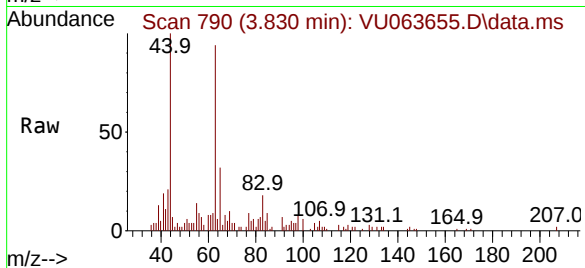




#17
1,1-Dichloroethane
Concen: 0.414 ug/l
RT: 3.830 min Scan# 790
Delta R.T. -0.000 min
Lab File: VU063655.D
Acq: 31 Oct 2025 09:34

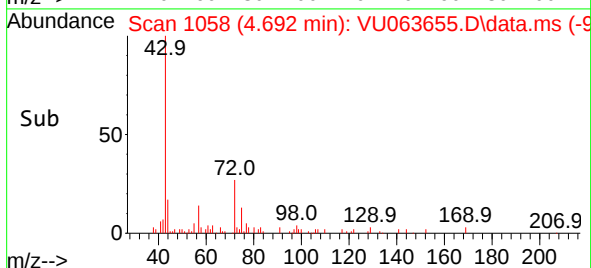
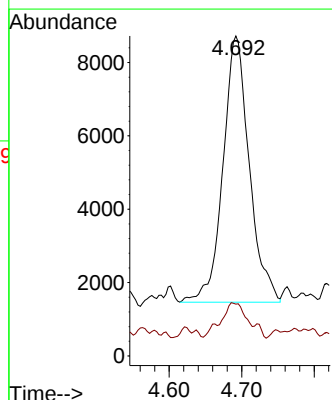
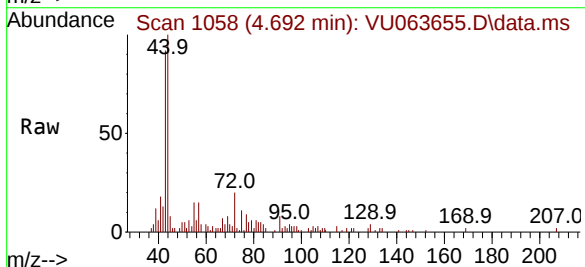
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

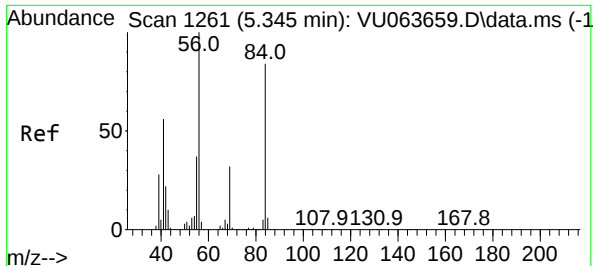
Tgt Ion: 63 Resp: 17040
Ion Ratio Lower Upper
63 100
98 5.1 3.5 10.5
100 6.1 2.2 6.6



#18
2-Butanone
Concen: 2.182 ug/l
RT: 4.692 min Scan# 1058
Delta R.T. 0.003 min
Lab File: VU063655.D
Acq: 31 Oct 2025 09:34

Tgt Ion: 43 Resp: 18322
Ion Ratio Lower Upper
43 100
57 11.1 0.0 16.6





#19

Cyclohexane

Concen: 0.381 ug/l

RT: 5.345 min Scan# 1261

Delta R.T. -0.000 min

Lab File: VU063655.D

Acq: 31 Oct 2025 09:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

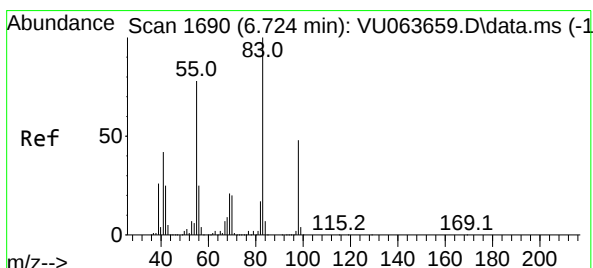
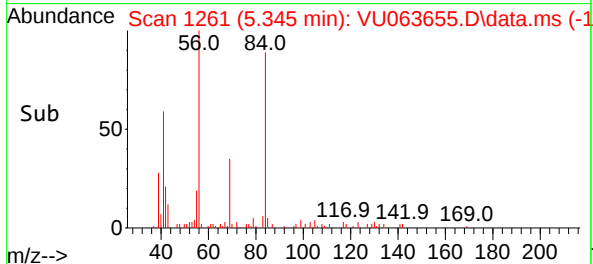
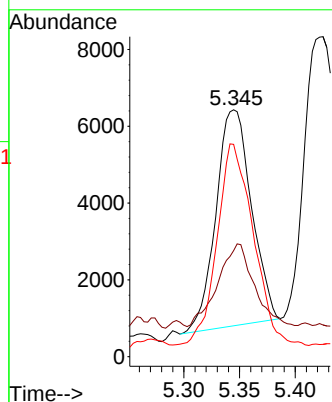
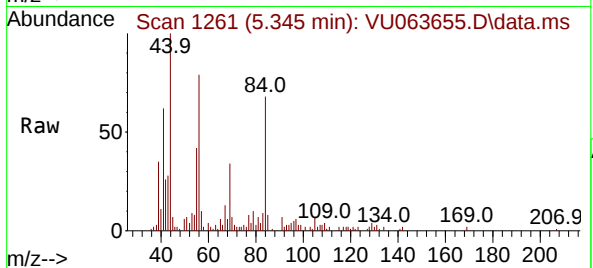
Tgt Ion: 56 Resp: 12502

Ion Ratio Lower Upper

56 100

69 38.1 27.1 40.7

84 94.6 73.4 110.0



#20

Methylcyclohexane

Concen: 0.491 ug/l

RT: 6.727 min Scan# 1691

Delta R.T. 0.003 min

Lab File: VU063655.D

Acq: 31 Oct 2025 09:34

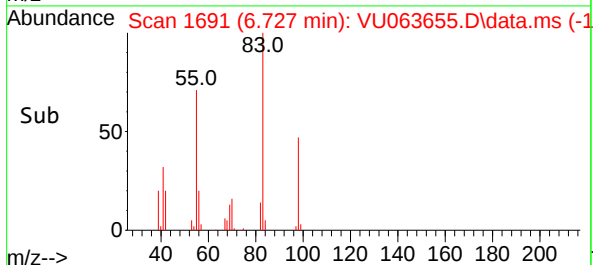
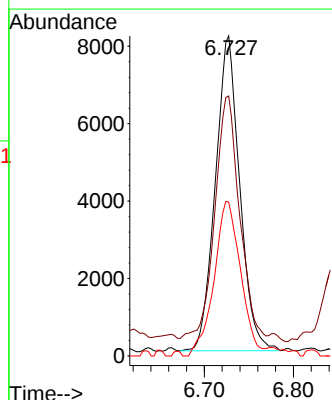
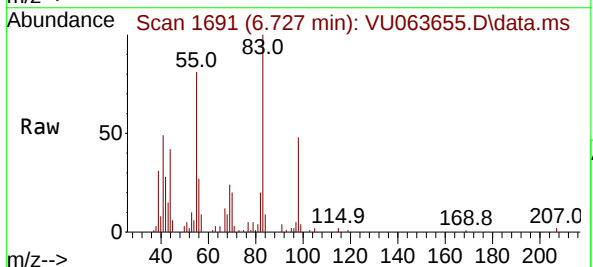
Tgt Ion: 83 Resp: 15466

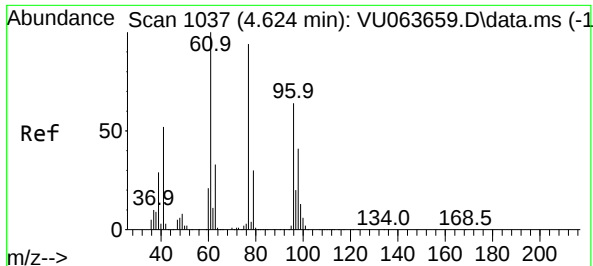
Ion Ratio Lower Upper

83 100

55 76.4 61.5 92.3

98 50.3 37.9 56.9





#21

2,2-Dichloropropane

Concen: 0.506 ug/l

RT: 4.628 min Scan# 1037

Delta R.T. 0.003 min

Lab File: VU063655.D

Acq: 31 Oct 2025 09:34

Instrument :

MSVOA_U

ClientSampleId :

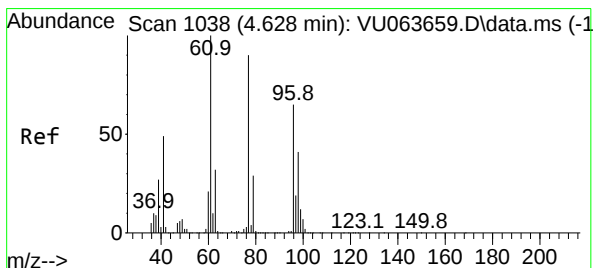
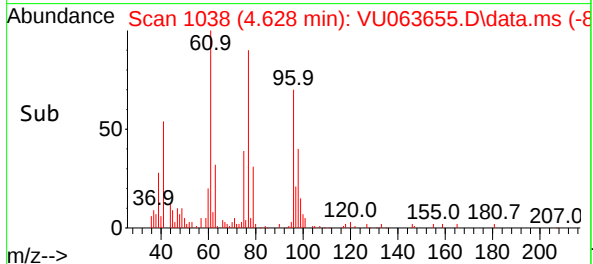
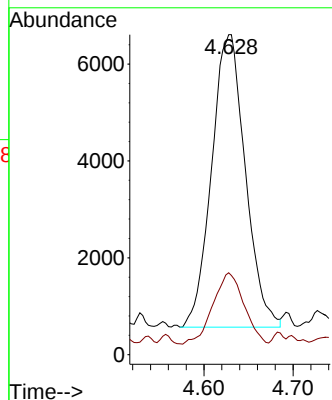
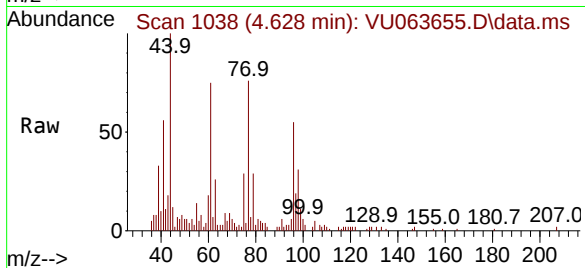
VSTDICC0.5

Tgt Ion: 77 Resp: 15902

Ion Ratio Lower Upper

77 100

97 22.5 17.1 25.7



#22

cis-1,2-Dichloroethene

Concen: 0.447 ug/l

RT: 4.628 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VU063655.D

Acq: 31 Oct 2025 09:34

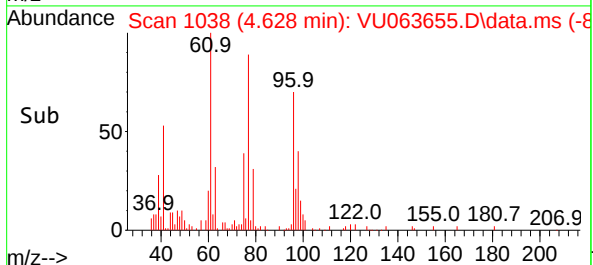
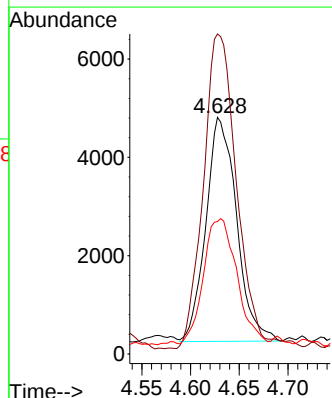
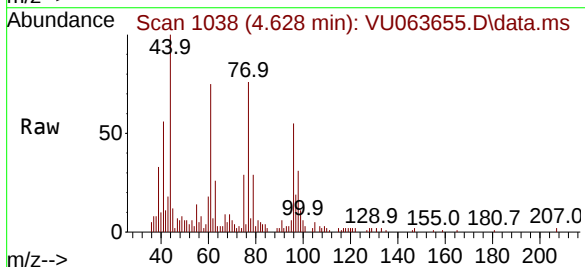
Tgt Ion: 96 Resp: 9995

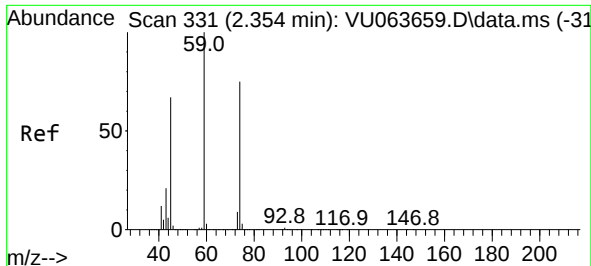
Ion Ratio Lower Upper

96 100

61 151.9 0.0 385.0

98 61.0 31.3 93.9

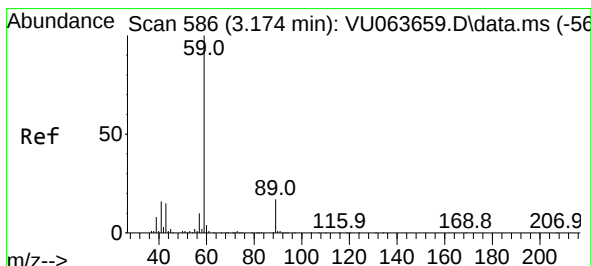
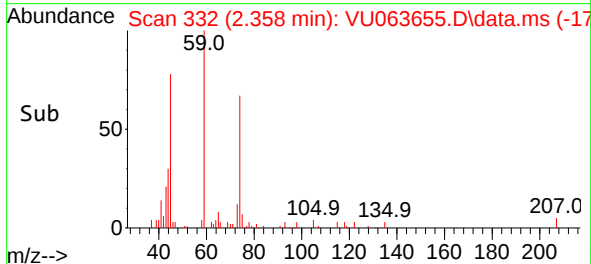
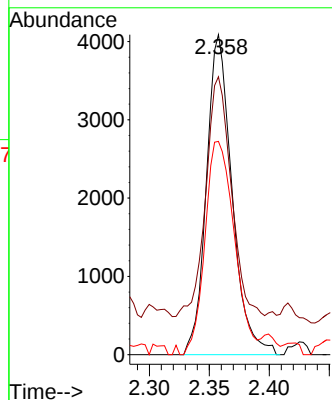
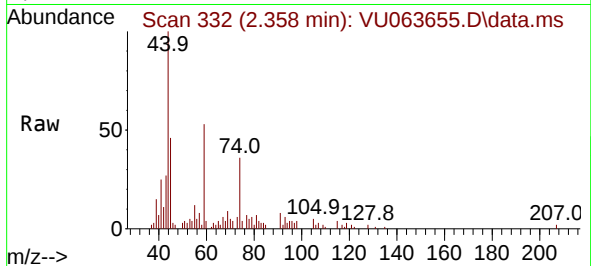




#23
Diethyl Ether
Concen: 0.402 ug/l
RT: 2.358 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063655.D
Acq: 31 Oct 2025 09:34

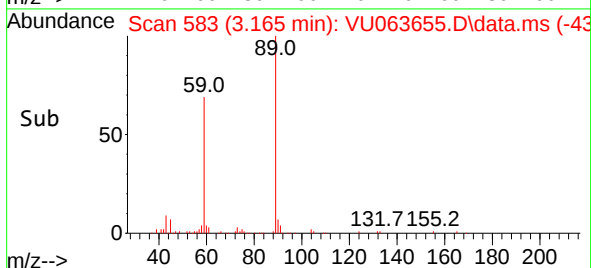
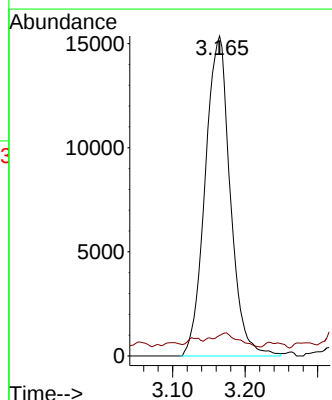
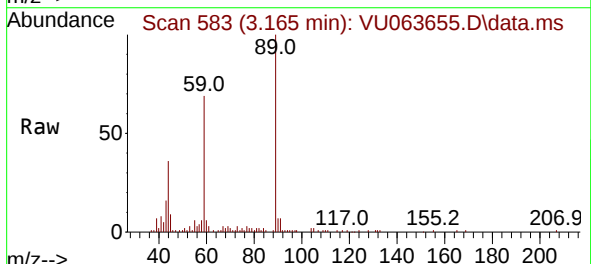
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

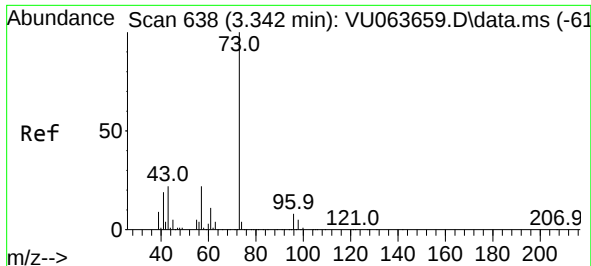
Tgt Ion: 59 Resp: 6078
Ion Ratio Lower Upper
59 100
45 74.3 52.6 78.8
74 76.1 59.4 89.2



#24
tert-Butyl Alcohol
Concen: 17.678 ug/l
RT: 3.165 min Scan# 583
Delta R.T. -0.010 min
Lab File: VU063655.D
Acq: 31 Oct 2025 09:34

Tgt Ion: 59 Resp: 36883
Ion Ratio Lower Upper
59 100
57 3.3 7.2 10.8#

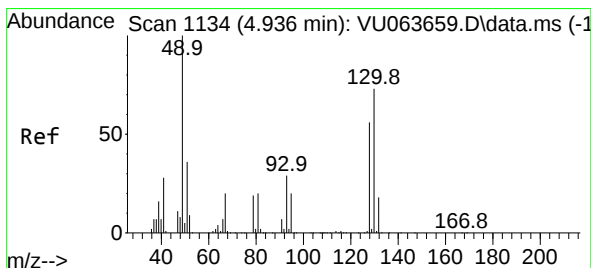
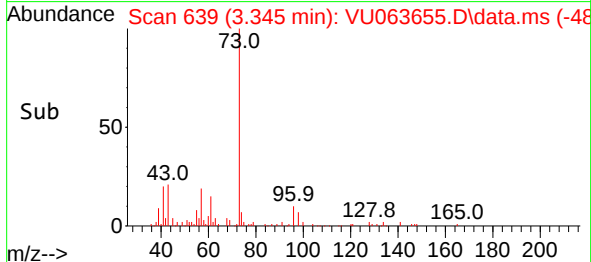
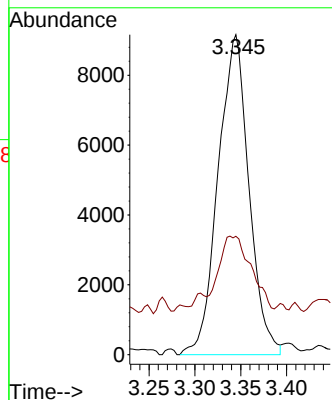
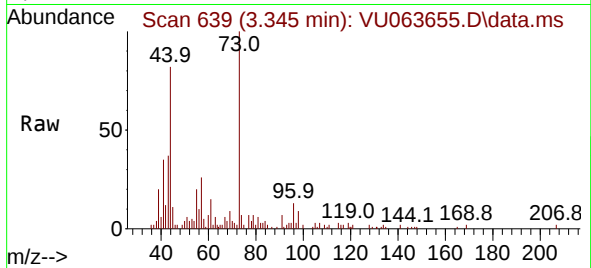




#25
Methyl tert-Butyl Ether
Concen: 0.418 ug/l
RT: 3.345 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU063655.D
Acq: 31 Oct 2025 09:34

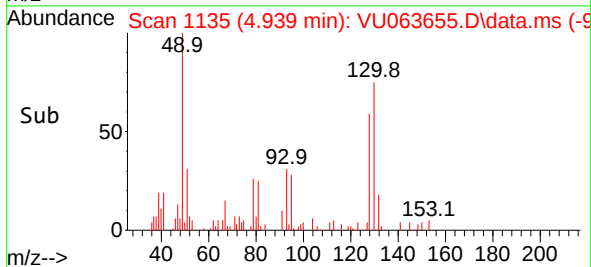
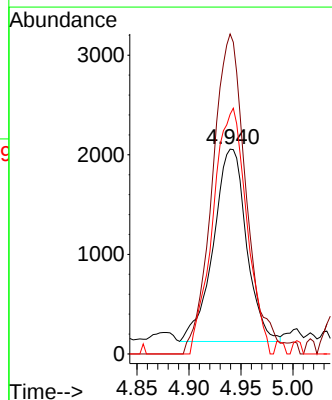
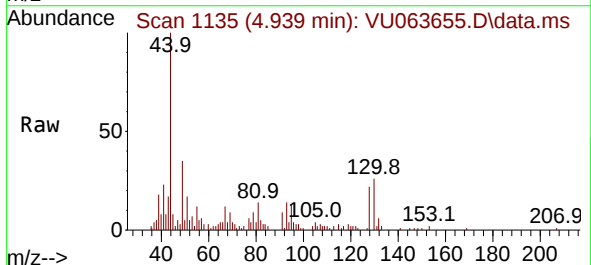
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

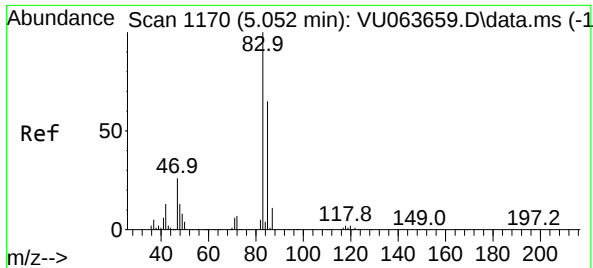
Tgt Ion: 73 Resp: 21406
Ion Ratio Lower Upper
73 100
43 23.3 17.4 26.0



#26
Bromochloromethane
Concen: 0.471 ug/l
RT: 4.939 min Scan# 1135
Delta R.T. 0.003 min
Lab File: VU063655.D
Acq: 31 Oct 2025 09:34

Tgt Ion: 128 Resp: 4265
Ion Ratio Lower Upper
128 100
49 170.2 0.0 349.6
130 130.8 102.7 154.1

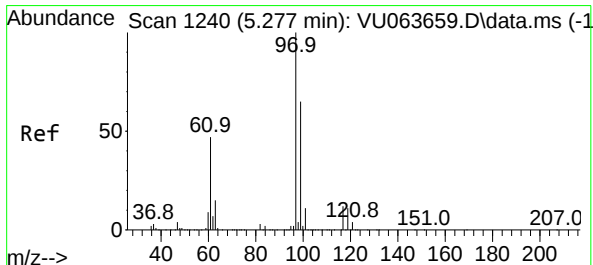
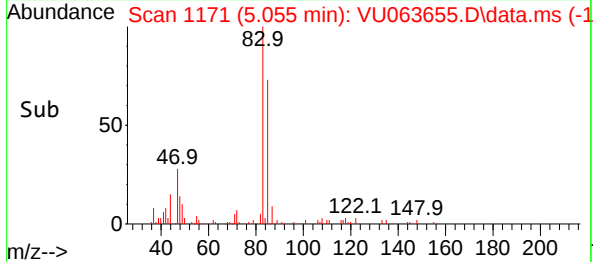
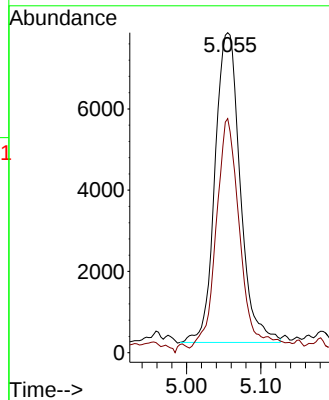
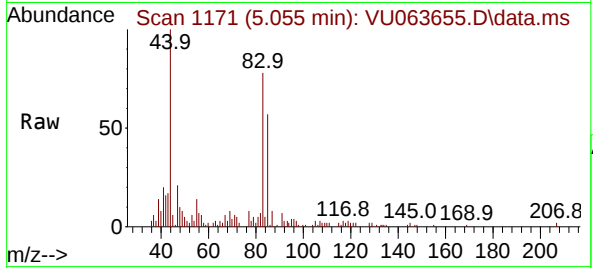




#27
Chloroform
Concen: 0.436 ug/l
RT: 5.055 min Scan# 1170
Delta R.T. 0.003 min
Lab File: VU063655.D
Acq: 31 Oct 2025 09:34

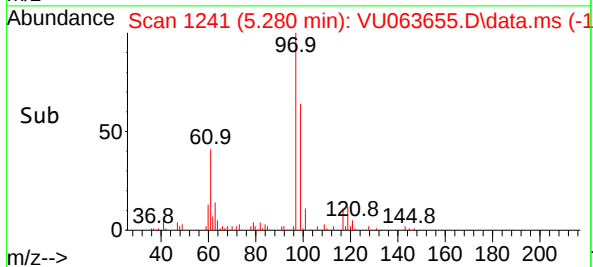
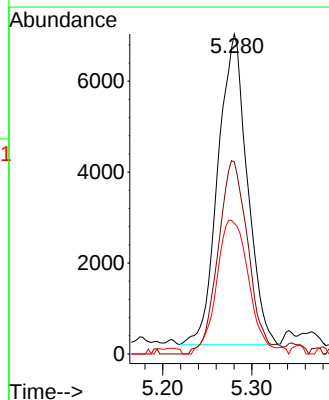
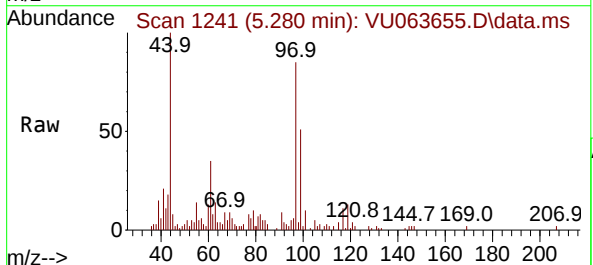
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

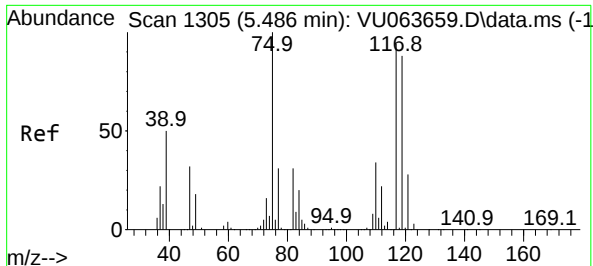
Tgt Ion: 83 Resp: 17991
Ion Ratio Lower Upper
83 100
85 72.9 0.0 130.8



#28
1,1,1-Trichloroethane
Concen: 0.481 ug/l
RT: 5.280 min Scan# 1241
Delta R.T. 0.003 min
Lab File: VU063655.D
Acq: 31 Oct 2025 09:34

Tgt Ion: 97 Resp: 15598
Ion Ratio Lower Upper
97 100
99 64.1 32.3 96.8
61 47.6 23.3 69.8

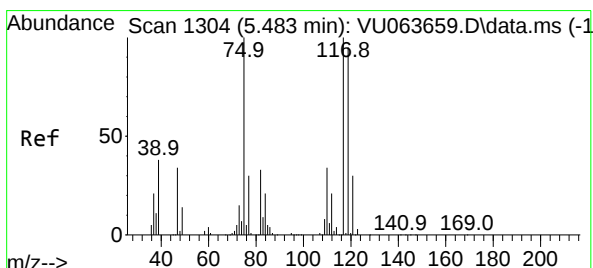
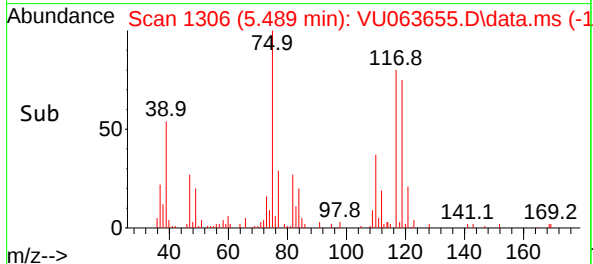
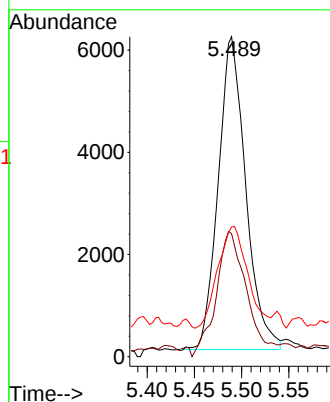
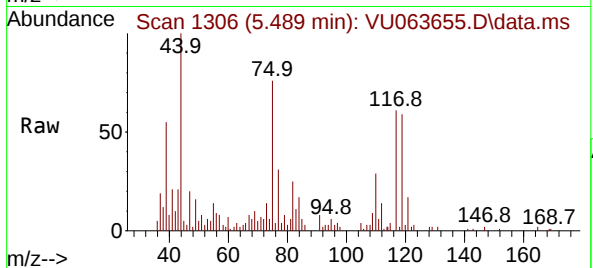




#29
 1,1-Dichloropropene
 Concen: 0.414 ug/l
 RT: 5.489 min Scan# 11
 Delta R.T. 0.003 min
 Lab File: VU063655.D
 Acq: 31 Oct 2025 09:34

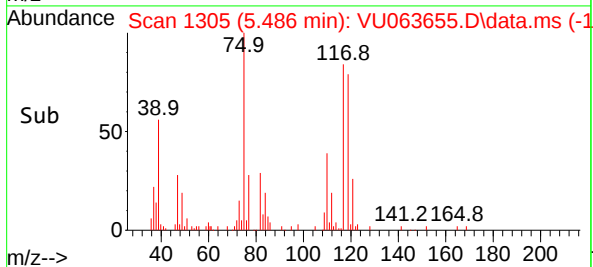
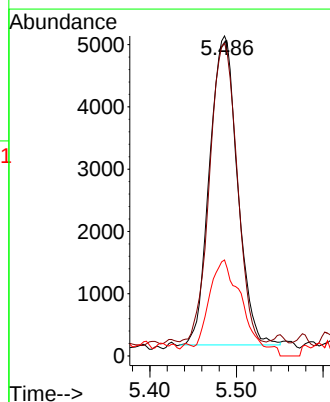
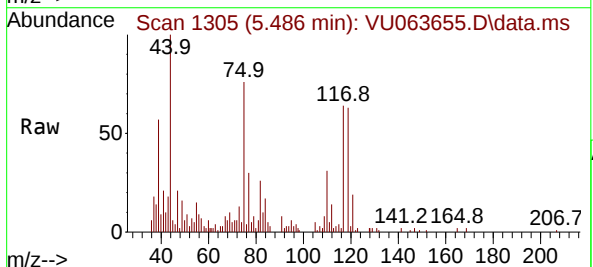
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

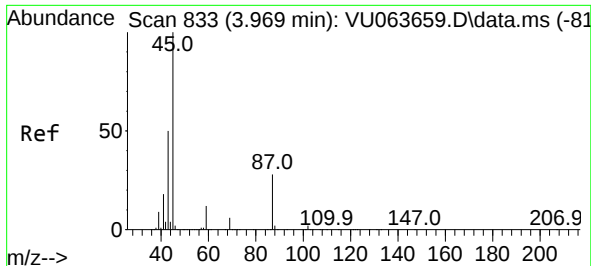
Tgt Ion: 75 Resp: 12386
 Ion Ratio Lower Upper
 75 100
 110 44.4 17.2 51.5
 77 35.4 24.5 36.7



#30
 Carbon Tetrachloride
 Concen: 0.460 ug/l
 RT: 5.486 min Scan# 1305
 Delta R.T. 0.003 min
 Lab File: VU063655.D
 Acq: 31 Oct 2025 09:34

Tgt Ion: 117 Resp: 11119
 Ion Ratio Lower Upper
 117 100
 119 96.6 75.7 113.5
 121 31.1 23.8 35.6

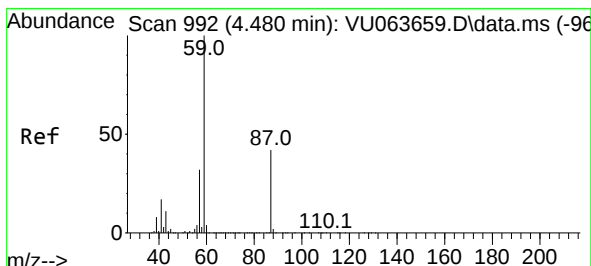
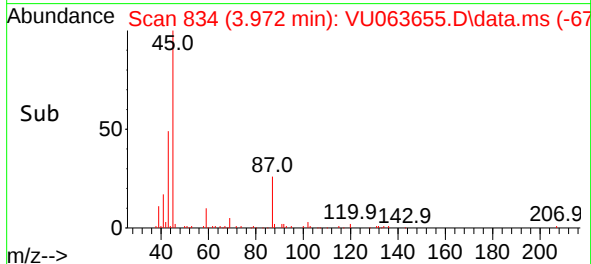
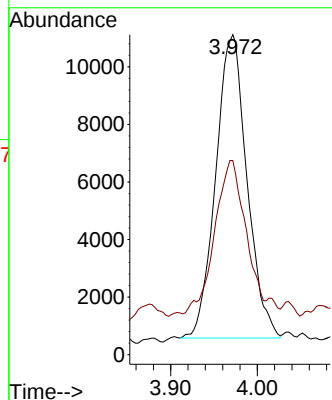
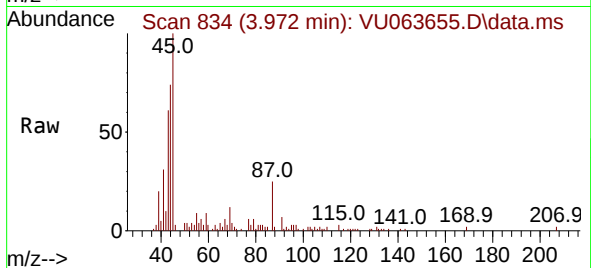




#31
Isopropyl Ether
Concen: 0.386 ug/l
RT: 3.972 min Scan# 81
Delta R.T. 0.003 min
Lab File: VU063655.D
Acq: 31 Oct 2025 09:34

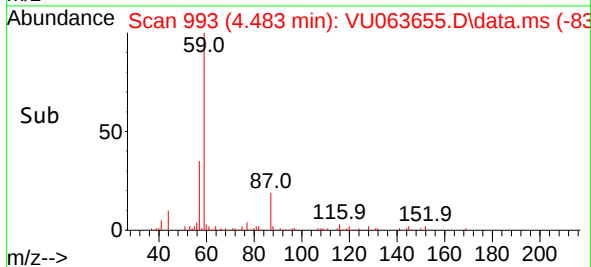
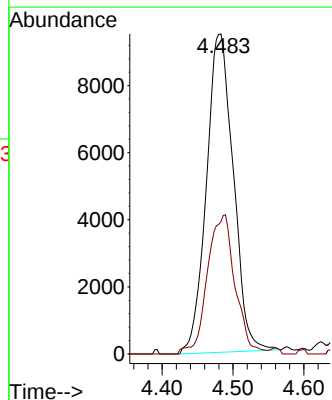
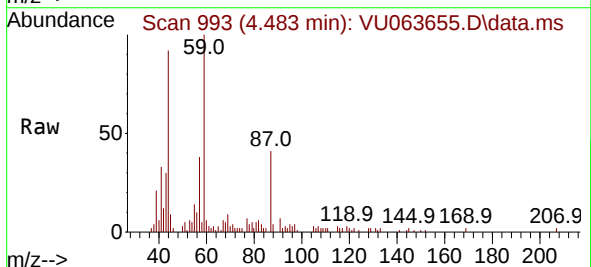
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

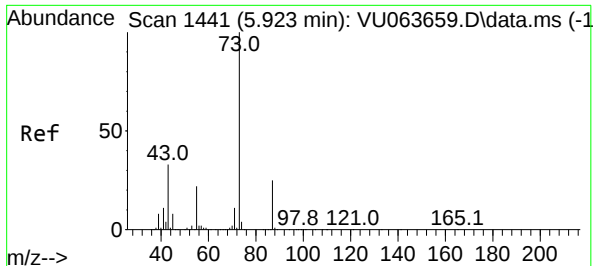
Tgt Ion: 45 Resp: 26430
Ion Ratio Lower Upper
45 100
43 49.9 25.3 75.9



#32
Ethyl-t-butyl ether
Concen: 0.420 ug/l
RT: 4.483 min Scan# 993
Delta R.T. 0.003 min
Lab File: VU063655.D
Acq: 31 Oct 2025 09:34

Tgt Ion: 59 Resp: 25057
Ion Ratio Lower Upper
59 100
87 43.3 33.0 49.6





#33

Tert-Amyl methyl ether

Concen: 0.428 ug/l

RT: 5.923 min Scan# 1441

Delta R.T. -0.000 min

Lab File: VU063655.D

Acq: 31 Oct 2025 09:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

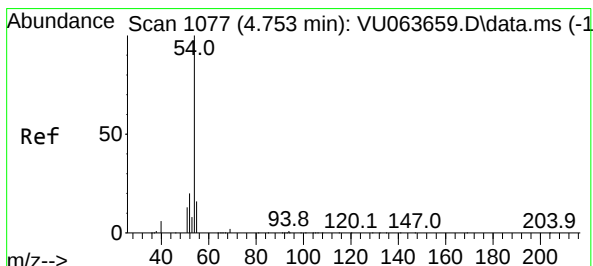
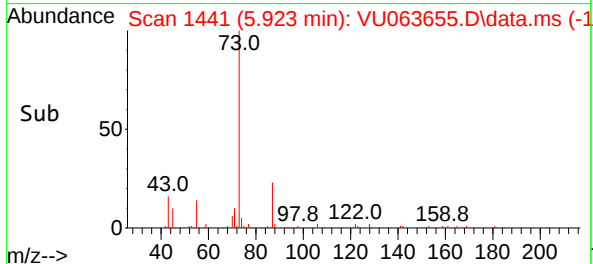
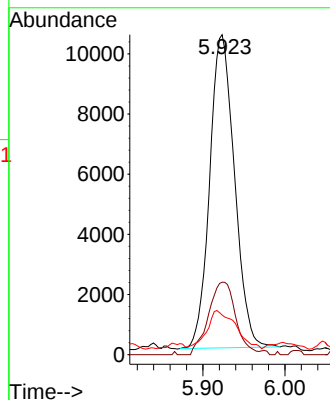
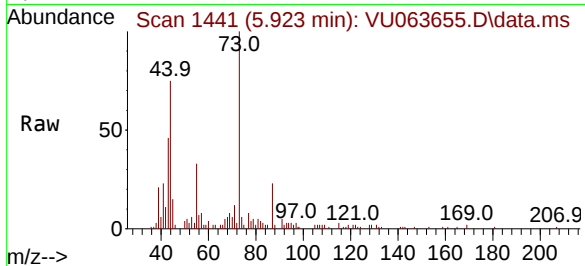
Tgt Ion: 73 Resp: 21901

Ion Ratio Lower Upper

73 100

87 24.1 20.0 30.0

71 13.4 9.0 13.4



#34

Propionitrile

Concen: 1.317 ug/l

RT: 4.756 min Scan# 1078

Delta R.T. 0.003 min

Lab File: VU063655.D

Acq: 31 Oct 2025 09:34

Tgt Ion: 54 Resp: 2521

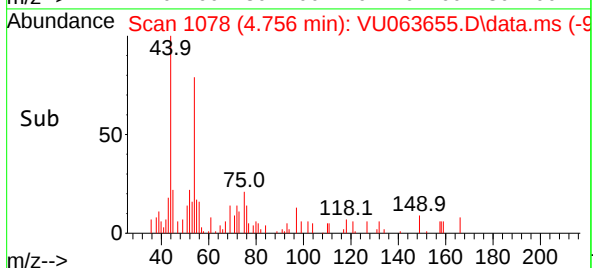
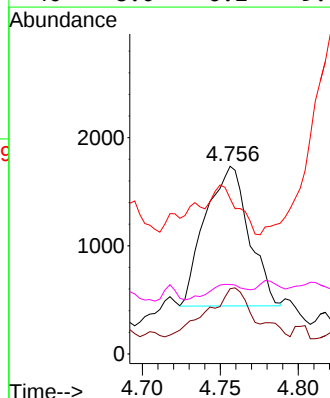
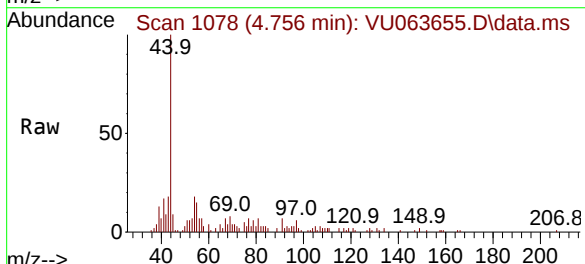
Ion Ratio Lower Upper

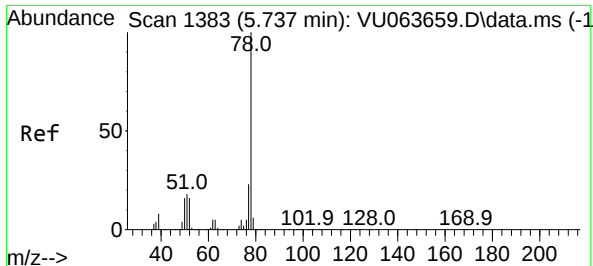
54 100

52 32.6 15.8 23.6#

55 23.4 11.3 16.9#

40 8.0 6.2 9.4

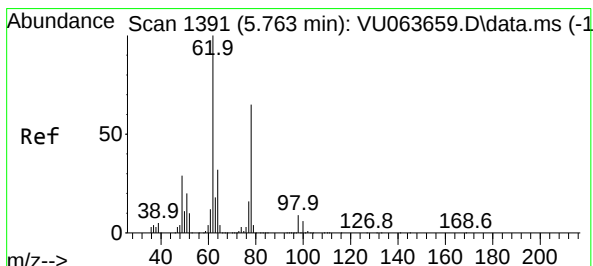
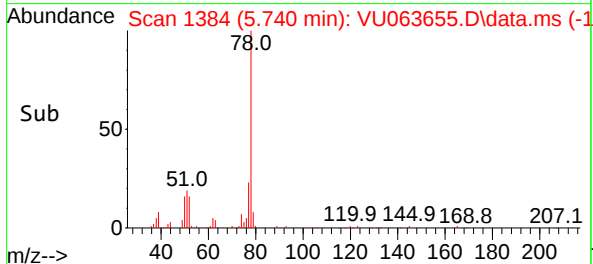
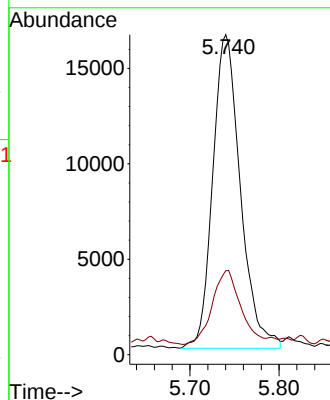
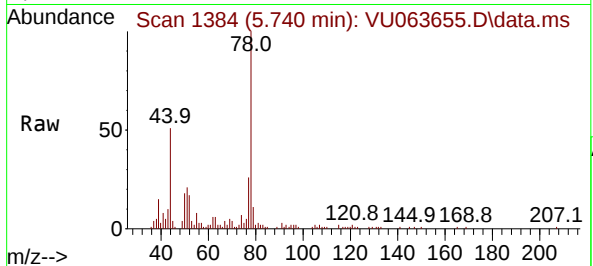




#35
Benzene
Concen: 0.416 ug/l
RT: 5.740 min Scan# 1384
Delta R.T. 0.003 min
Lab File: VU063655.D
Acq: 31 Oct 2025 09:34

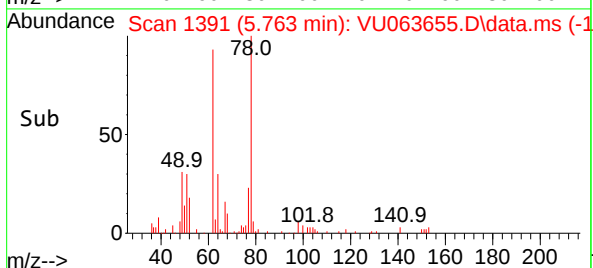
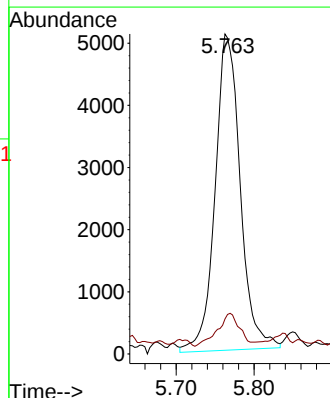
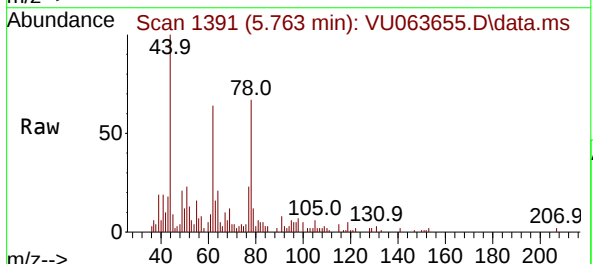
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

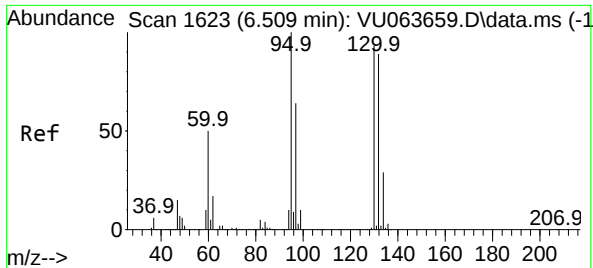
Tgt Ion: 78 Resp: 35408
Ion Ratio Lower Upper
78 100
77 23.4 18.3 27.5



#36
1,2-Dichloroethane
Concen: 0.398 ug/l
RT: 5.763 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VU063655.D
Acq: 31 Oct 2025 09:34

Tgt Ion: 62 Resp: 11415
Ion Ratio Lower Upper
62 100
98 9.2 6.8 10.2





#37

Trichloroethene

Concen: 0.485 ug/l

RT: 6.509 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063655.D

Acq: 31 Oct 2025 09:34

Instrument :

MSVOA_U

ClientSampleId :

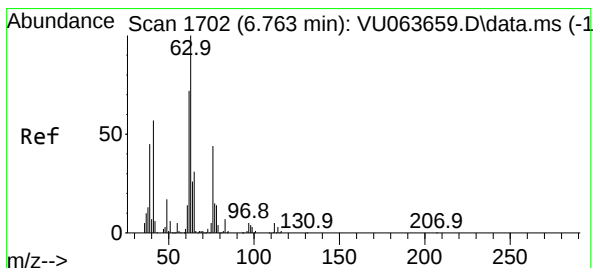
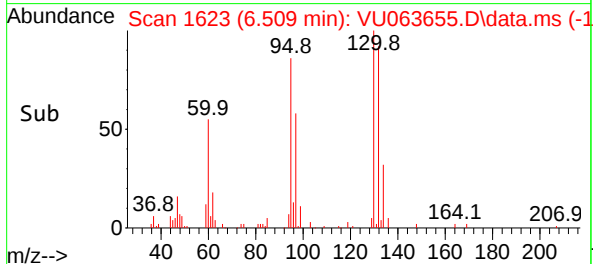
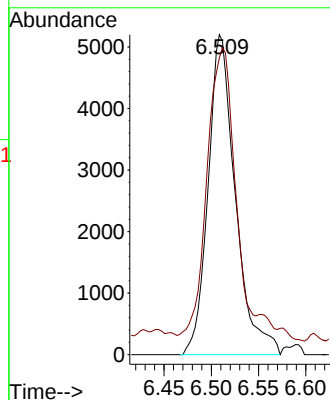
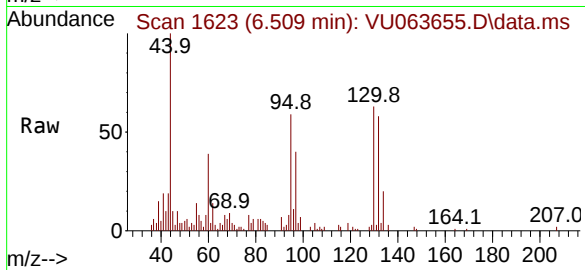
VSTDICC0.5

Tgt Ion:130 Resp: 10425

Ion Ratio Lower Upper

130 100

95 86.4 86.0 129.0



#38

1,2-Dichloropropane

Concen: 0.487 ug/l

RT: 6.766 min Scan# 1703

Delta R.T. 0.003 min

Lab File: VU063655.D

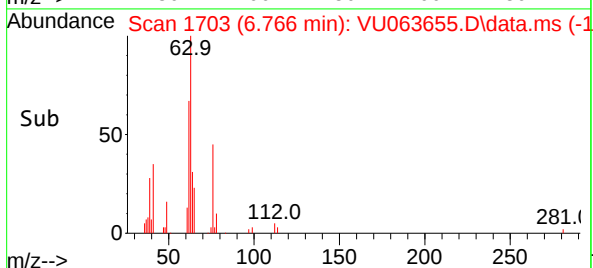
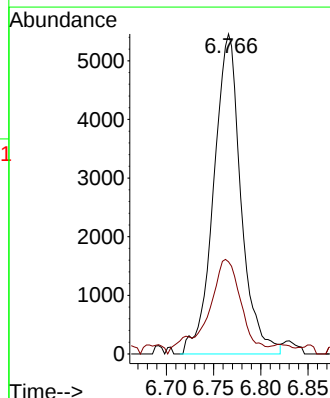
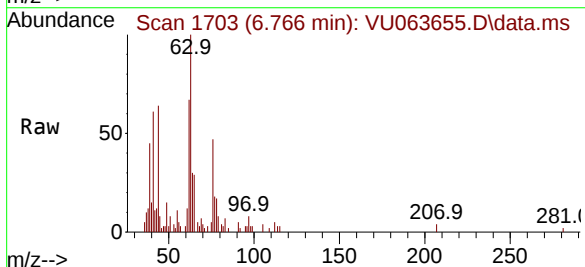
Acq: 31 Oct 2025 09:34

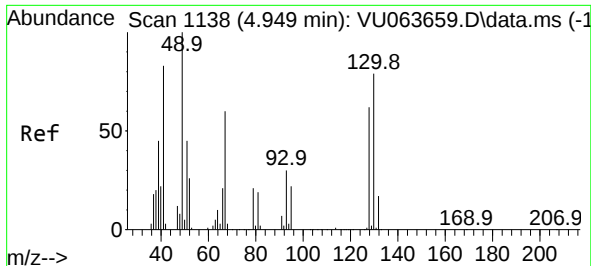
Tgt Ion: 63 Resp: 10935

Ion Ratio Lower Upper

63 100

65 25.8 24.5 36.7





#39

Methacrylonitrile

Concen: 0.262 ug/l

RT: 4.956 min Scan# 1138

Delta R.T. 0.006 min

Lab File: VU063655.D

Acq: 31 Oct 2025 09:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

Tgt Ion: 41 Resp: 2364

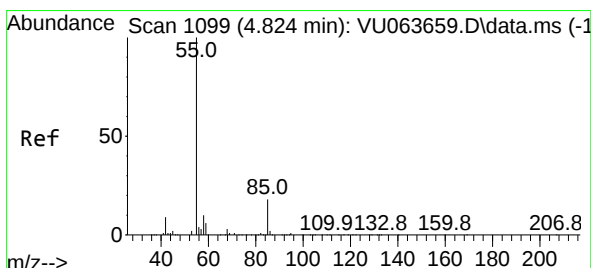
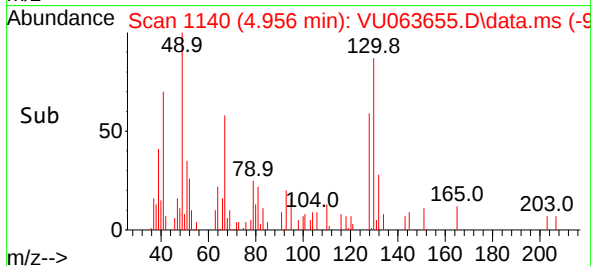
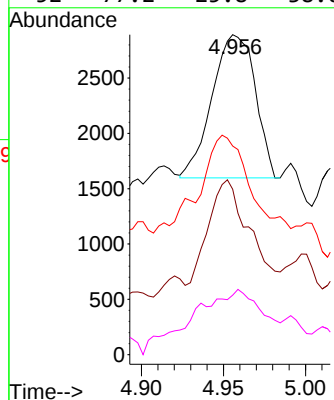
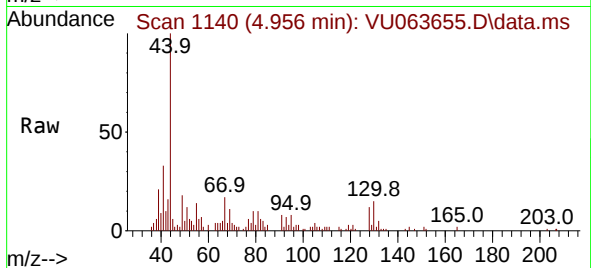
Ion Ratio Lower Upper

41 100

67 83.5 61.4 92.2

39 77.7 46.5 69.7#

52 77.2 25.8 38.6#



#40

Methyl acrylate

Concen: 0.422 ug/l

RT: 4.830 min Scan# 1101

Delta R.T. 0.006 min

Lab File: VU063655.D

Acq: 31 Oct 2025 09:34

Tgt Ion: 55 Resp: 5235

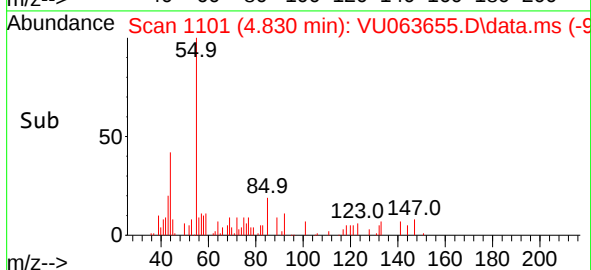
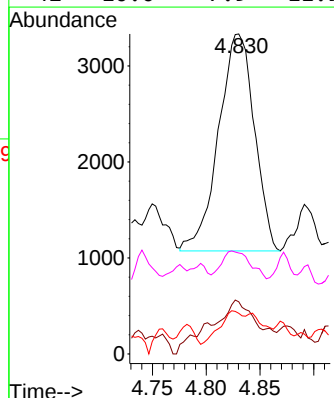
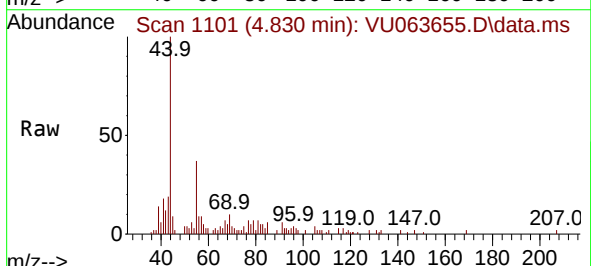
Ion Ratio Lower Upper

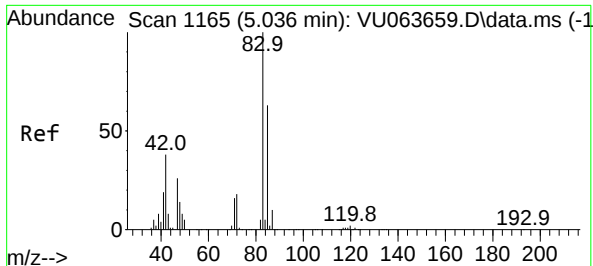
55 100

85 13.7 15.3 22.9#

58 10.4 7.7 11.5

42 10.0 7.9 11.9





#41

Tetrahydrofuran

Concen: 0.474 ug/l

RT: 5.033 min Scan# 1165

Delta R.T. -0.003 min

Lab File: VU063655.D

Acq: 31 Oct 2025 09:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

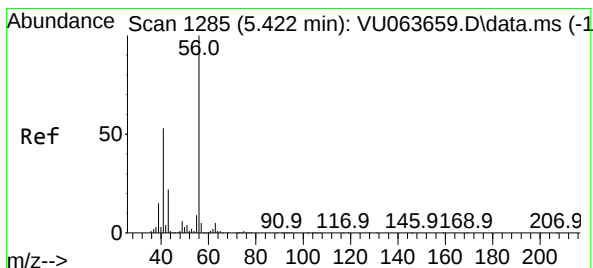
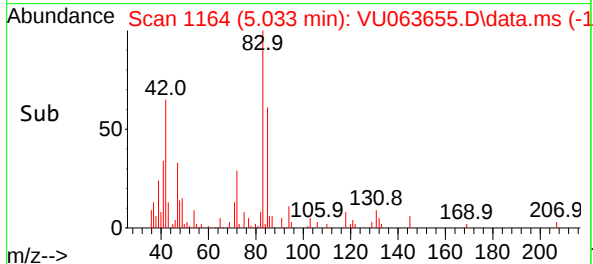
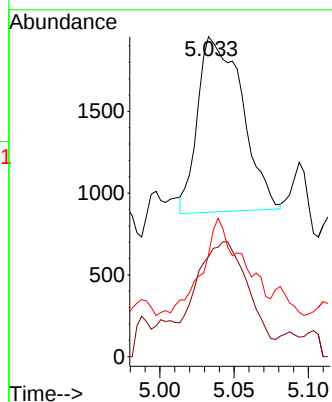
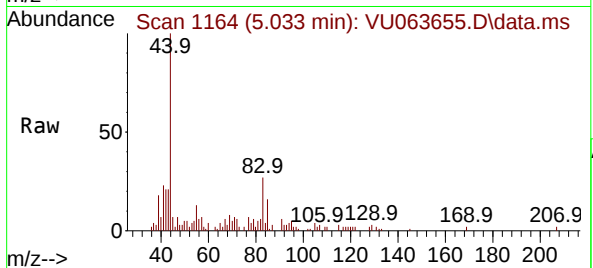
Tgt Ion: 42 Resp: 2223

Ion Ratio Lower Upper

42 100

72 59.6 40.5 60.7

71 48.0 35.0 52.6



#42

1-Chlorobutane

Concen: 0.394 ug/l

RT: 5.425 min Scan# 1286

Delta R.T. 0.003 min

Lab File: VU063655.D

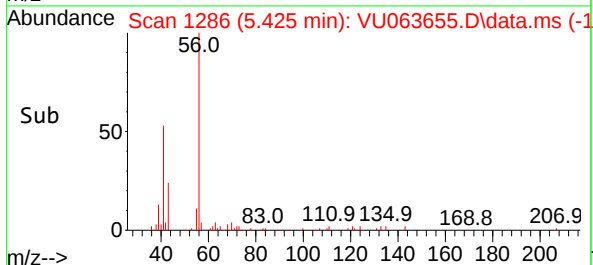
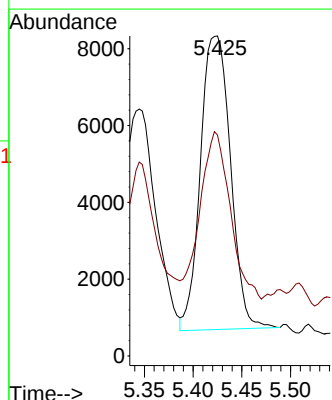
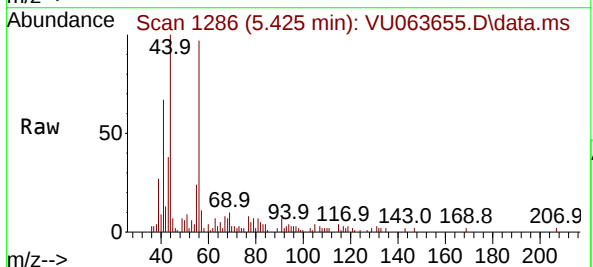
Acq: 31 Oct 2025 09:34

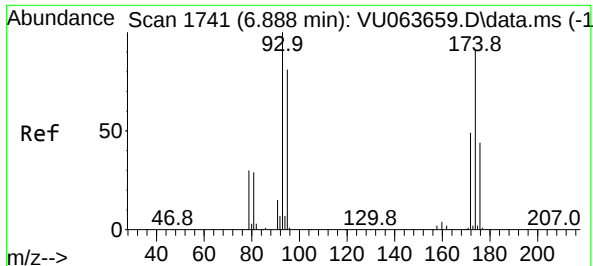
Tgt Ion: 56 Resp: 16417

Ion Ratio Lower Upper

56 100

41 59.8 25.9 77.6

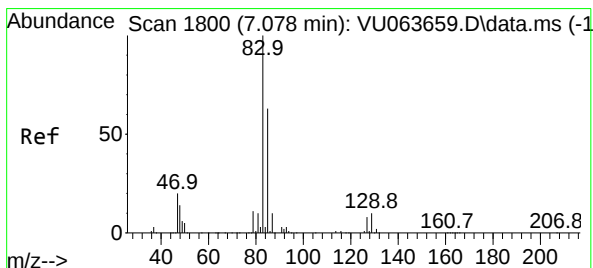
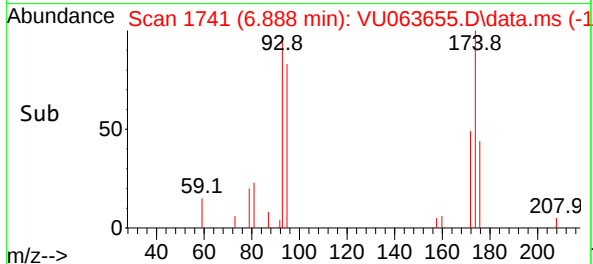
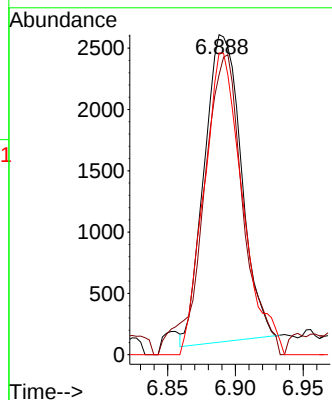
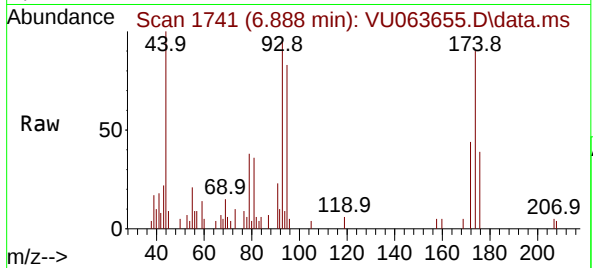




#43
Dibromomethane
Concen: 0.429 ug/l
RT: 6.888 min Scan# 1741
Delta R.T. -0.000 min
Lab File: VU063655.D
Acq: 31 Oct 2025 09:34

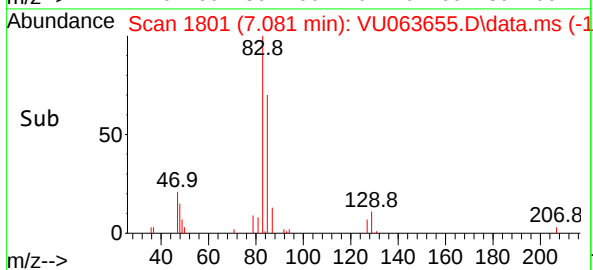
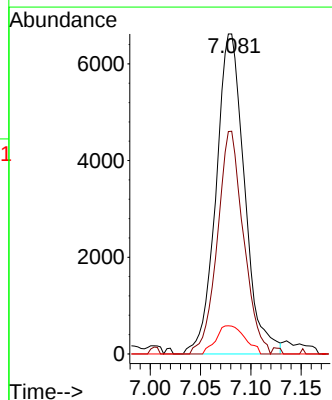
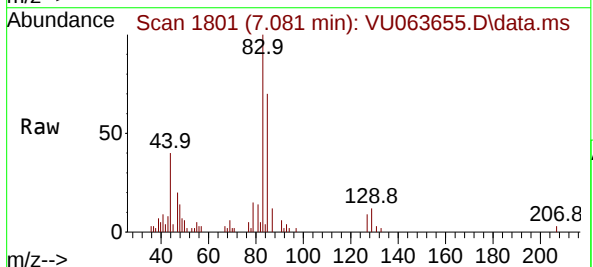
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

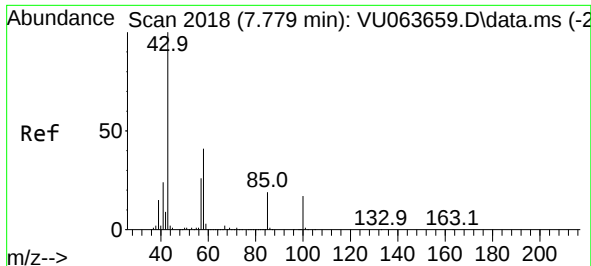
Tgt Ion: 93 Resp: 4766
Ion Ratio Lower Upper
93 100
95 103.9 64.6 97.0#
174 101.9 73.8 110.8



#44
Bromodichloromethane
Concen: 0.539 ug/l
RT: 7.081 min Scan# 1801
Delta R.T. 0.003 min
Lab File: VU063655.D
Acq: 31 Oct 2025 09:34

Tgt Ion: 83 Resp: 13007
Ion Ratio Lower Upper
83 100
85 69.6 50.5 75.7
127 8.7 6.4 9.6

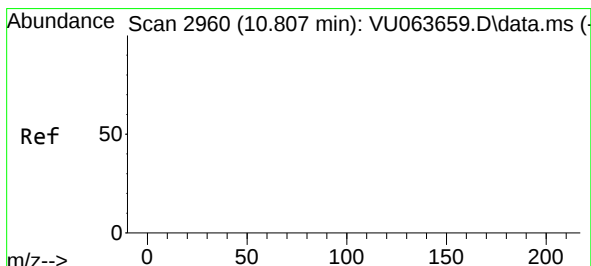
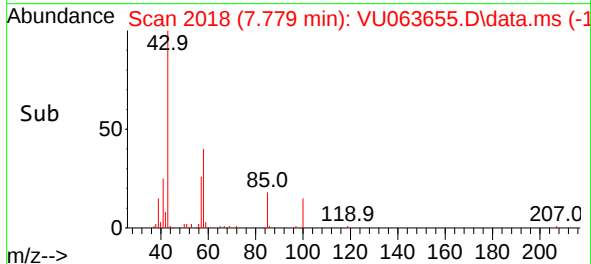
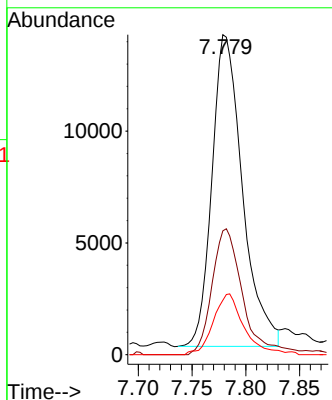
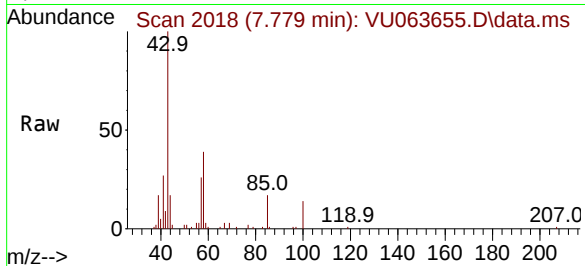




#45
4-Methyl-2-Pentanone
Concen: 1.993 ug/l
RT: 7.779 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VU063655.D
Acq: 31 Oct 2025 09:34

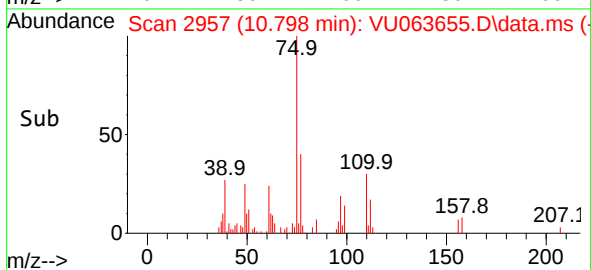
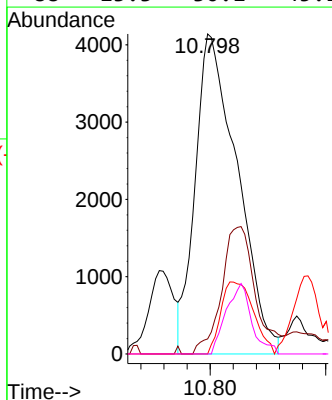
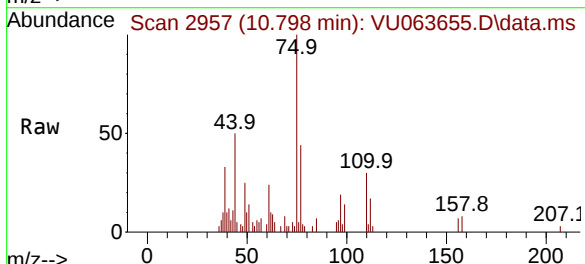
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

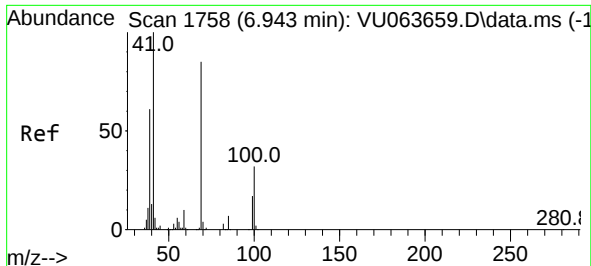
Tgt Ion:	43	Resp:	27506
Ion	Ratio	Lower	Upper
43	100		
58	40.6	20.2	60.5
85	19.7	15.0	22.6



#46
t-1,4-Dichloro-2-butene
Concen: 2.062 ug/l
RT: 10.798 min Scan# 2957
Delta R.T. -0.010 min
Lab File: VU063655.D
Acq: 31 Oct 2025 09:34

Tgt Ion:	75	Resp:	10453
Ion	Ratio	Lower	Upper
75	100		
53	32.0	57.2	85.8#
89	17.5	37.9	56.9#
88	13.3	30.1	45.1#





#47

Methyl methacrylate

Concen: 0.862 ug/l

RT: 6.949 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU063655.D

Acq: 31 Oct 2025 09:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

Tgt Ion: 69 Resp: 8661

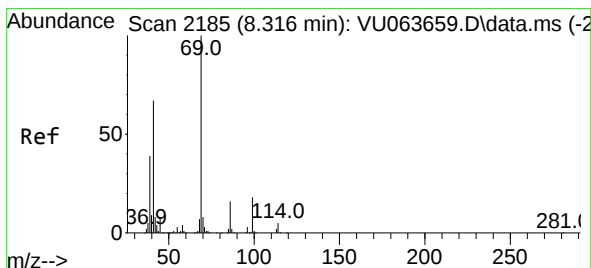
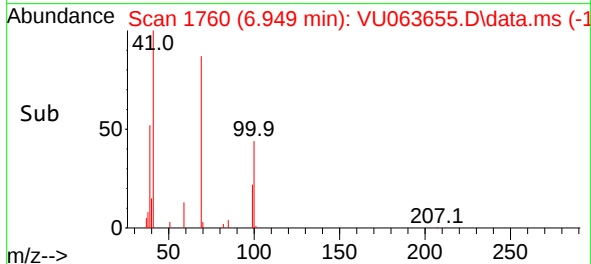
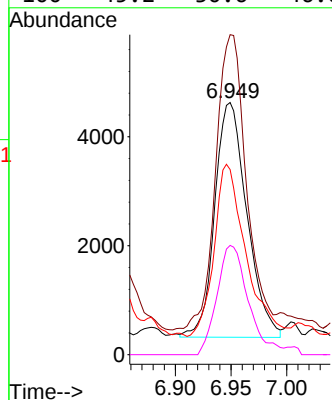
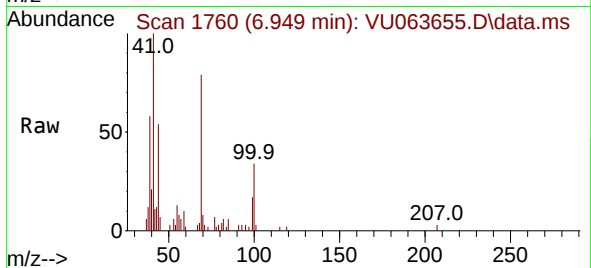
Ion Ratio Lower Upper

69 100

41 119.3 0.0 228.2

39 71.9 56.2 84.4

100 45.2 30.6 46.0



#48

Ethyl methacrylate

Concen: 0.415 ug/l

RT: 8.322 min Scan# 2187

Delta R.T. 0.006 min

Lab File: VU063655.D

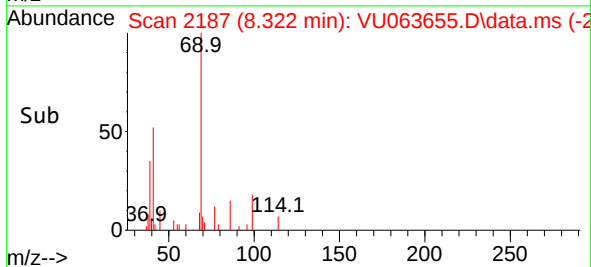
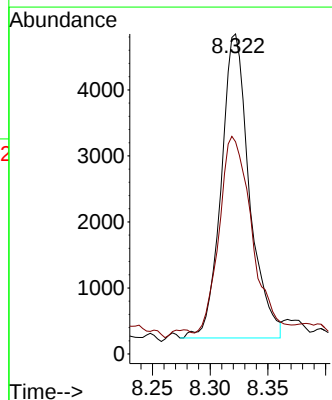
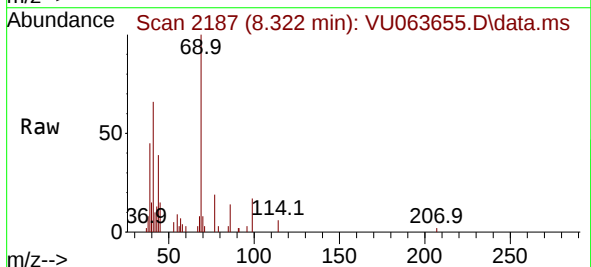
Acq: 31 Oct 2025 09:34

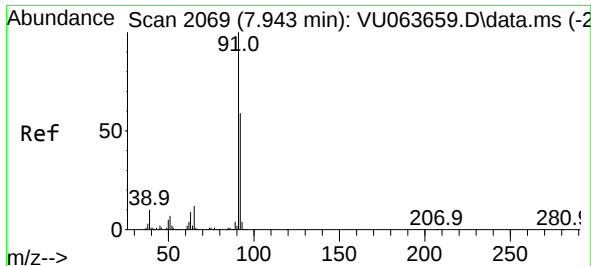
Tgt Ion: 69 Resp: 7839

Ion Ratio Lower Upper

69 100

41 74.3 32.8 98.3





#49

Toluene

Concen: 0.509 ug/l

RT: 7.943 min Scan# 2069

Delta R.T. -0.000 min

Lab File: VU063655.D

Acq: 31 Oct 2025 09:34

Instrument :

MSVOA_U

ClientSampleId :

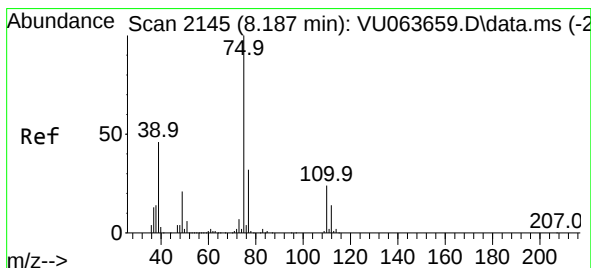
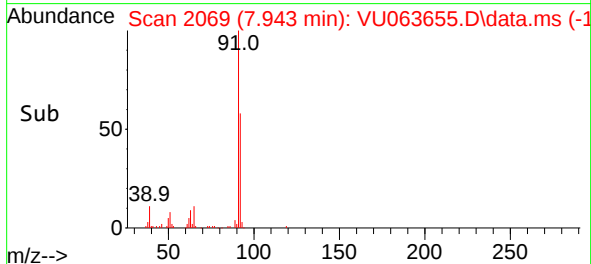
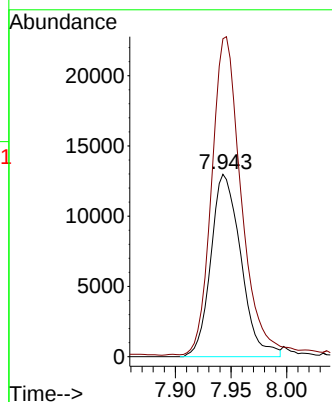
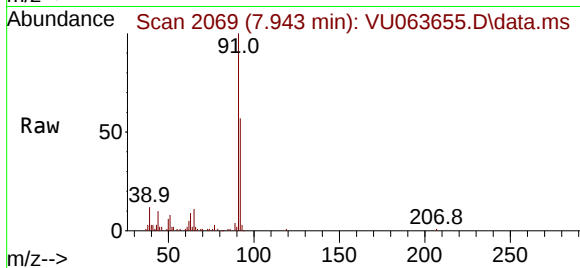
VSTDIC0.5

Tgt Ion: 92 Resp: 24315

Ion Ratio Lower Upper

92 100

91 172.2 136.8 205.2



#50

t-1,3-Dichloropropene

Concen: 0.615 ug/l

RT: 8.190 min Scan# 2146

Delta R.T. 0.003 min

Lab File: VU063655.D

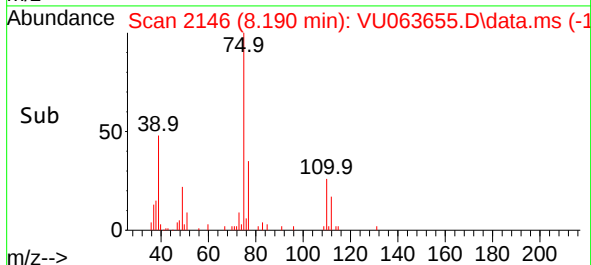
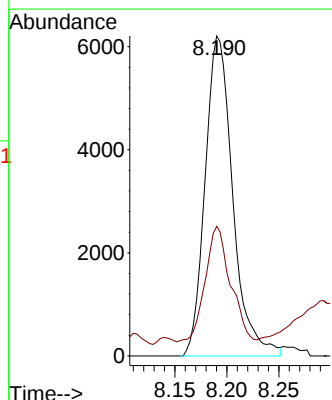
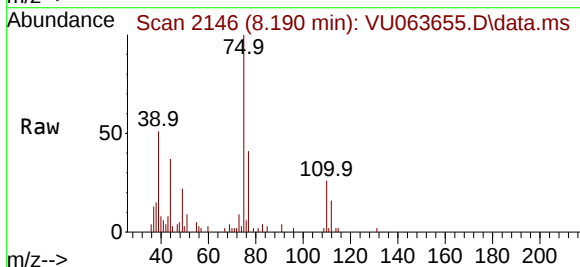
Acq: 31 Oct 2025 09:34

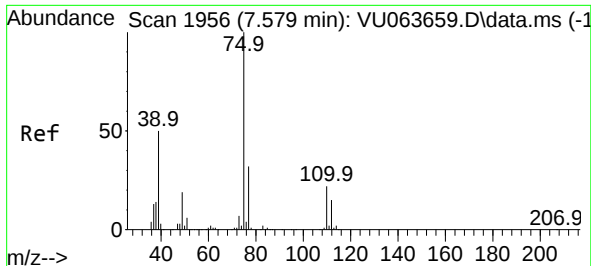
Tgt Ion: 75 Resp: 11484

Ion Ratio Lower Upper

75 100

77 35.8 25.8 38.6

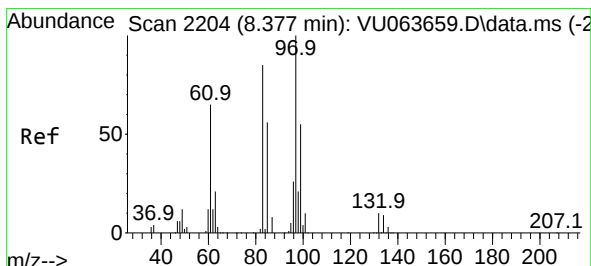
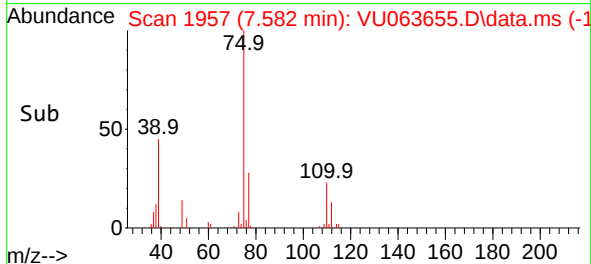
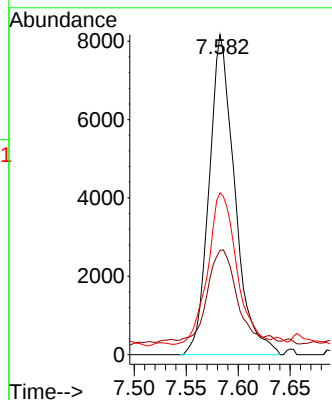
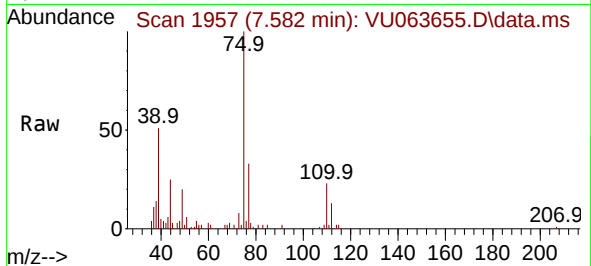




#51
 cis-1,3-Dichloropropene
 Concen: 0.575 ug/l
 RT: 7.582 min Scan# 1956
 Delta R.T. 0.003 min
 Lab File: VU063655.D
 Acq: 31 Oct 2025 09:34

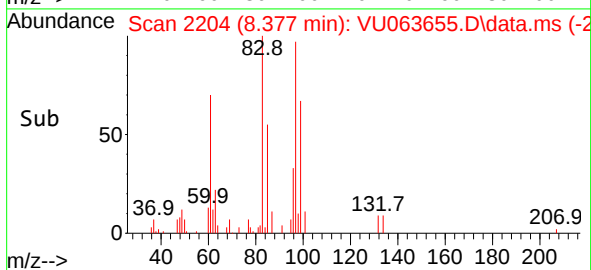
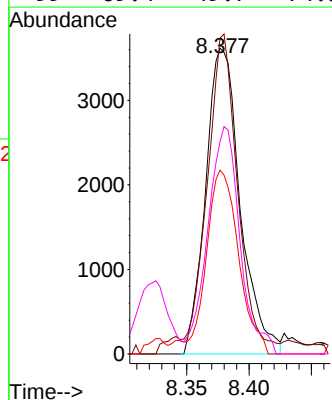
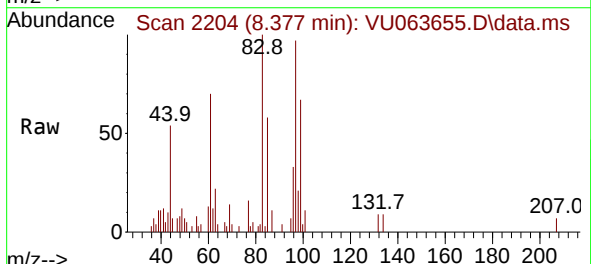
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

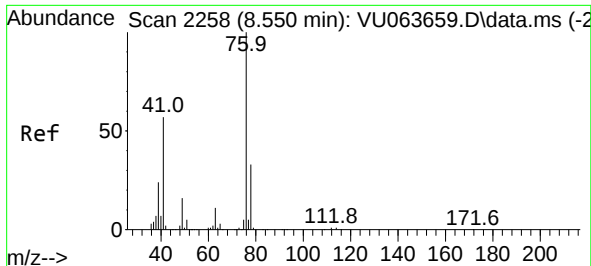
Tgt Ion:	75	Resp:	14039
Ion	Ratio	Lower	Upper
75	100		
77	28.4	25.5	38.3
39	47.0	39.9	59.9



#52
 1,1,2-Trichloroethane
 Concen: 0.450 ug/l
 RT: 8.377 min Scan# 2204
 Delta R.T. -0.000 min
 Lab File: VU063655.D
 Acq: 31 Oct 2025 09:34

Tgt Ion:	97	Resp:	6992
Ion	Ratio	Lower	Upper
97	100		
83	99.9	68.3	102.5
85	60.1	45.3	67.9
99	69.4	49.7	74.5





#53

1,3-Dichloropropane

Concen: 0.472 ug/l

RT: 8.553 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063655.D

Acq: 31 Oct 2025 09:34

Instrument :

MSVOA_U

ClientSampleId :

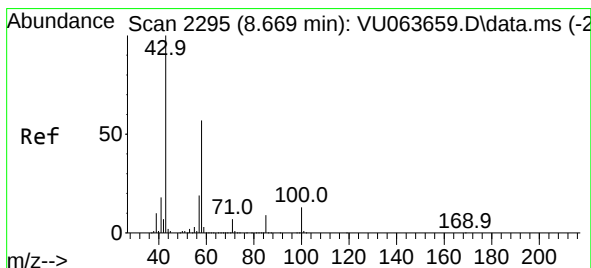
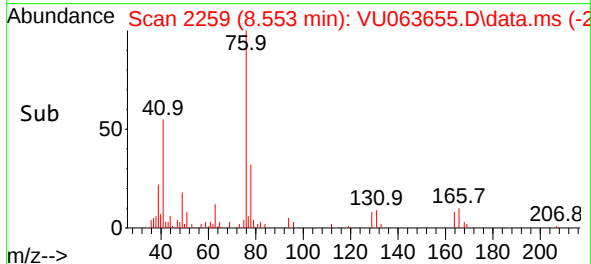
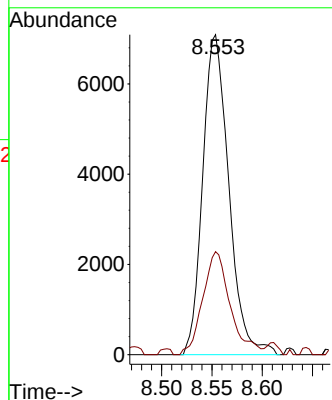
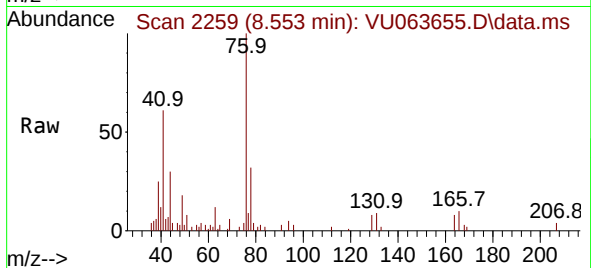
VSTDICC0.5

Tgt Ion: 76 Resp: 12795

Ion Ratio Lower Upper

76 100

78 33.7 25.8 38.6



#54

2-Hexanone

Concen: 2.223 ug/l

RT: 8.676 min Scan# 2297

Delta R.T. 0.006 min

Lab File: VU063655.D

Acq: 31 Oct 2025 09:34

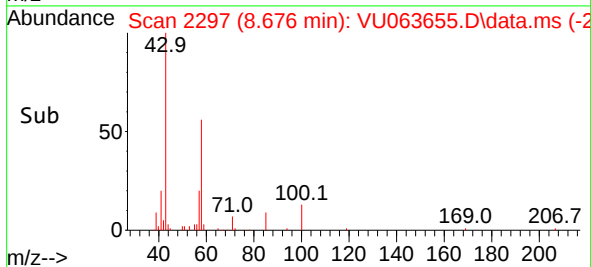
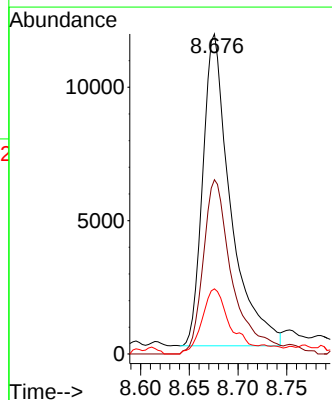
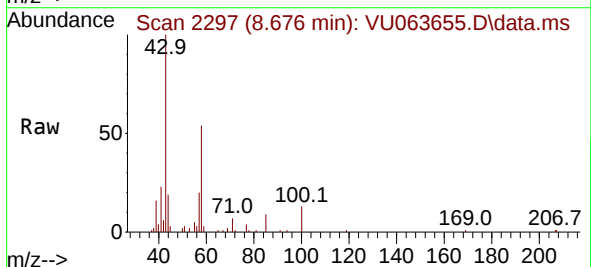
Tgt Ion: 43 Resp: 23150

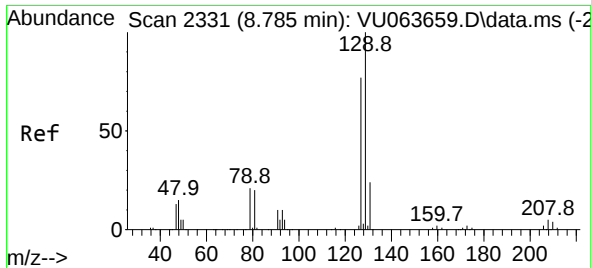
Ion Ratio Lower Upper

43 100

58 58.6 36.3 76.3

57 21.3 0.0 39.7

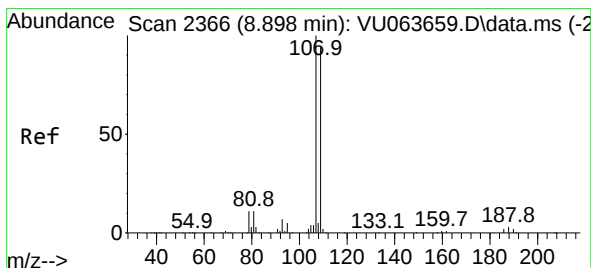
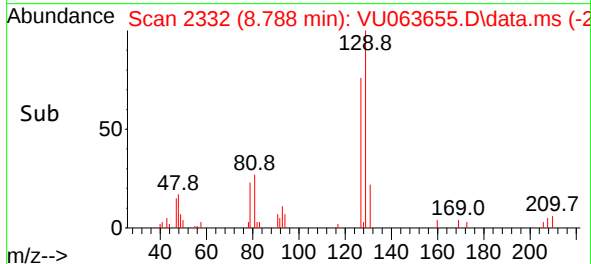
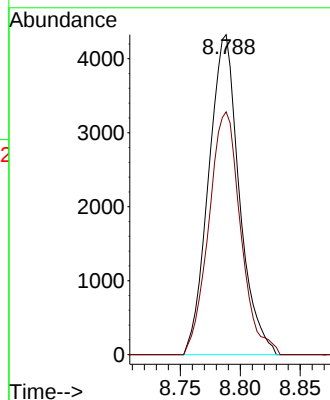
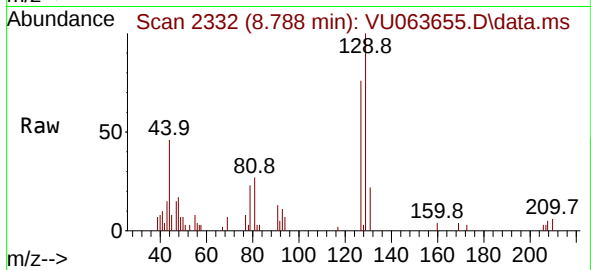




#55
Dibromochloromethane
Concen: 0.493 ug/l
RT: 8.788 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063655.D
Acq: 31 Oct 2025 09:34

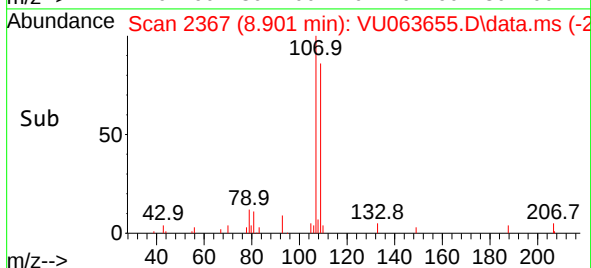
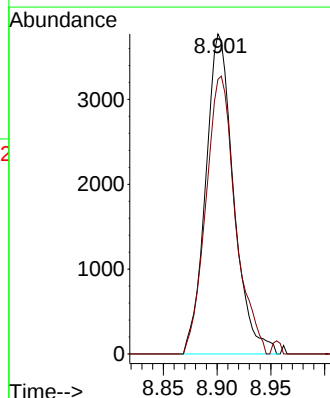
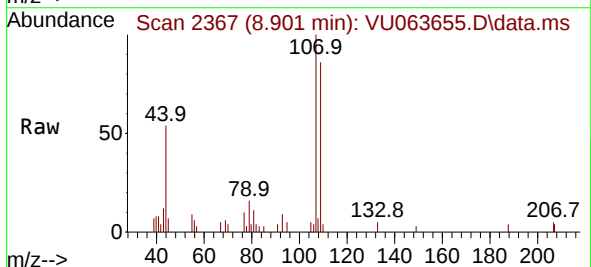
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

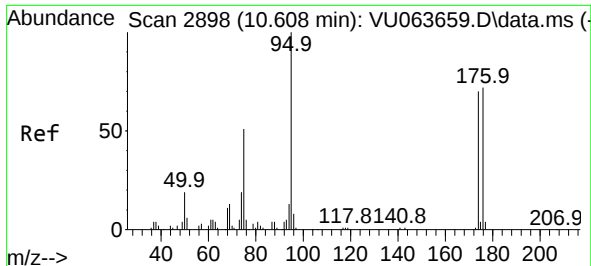
Tgt Ion:129 Resp: 7691
Ion Ratio Lower Upper
129 100
127 78.8 61.4 92.0



#56
1,2-Dibromoethane
Concen: 0.502 ug/l
RT: 8.901 min Scan# 2367
Delta R.T. 0.003 min
Lab File: VU063655.D
Acq: 31 Oct 2025 09:34

Tgt Ion:107 Resp: 6842
Ion Ratio Lower Upper
107 100
109 91.5 0.0 188.0





#57

4-Bromofluorobenzene

Concen: 1.098 ug/l

RT: 10.611 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063655.D

Acq: 31 Oct 2025 09:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

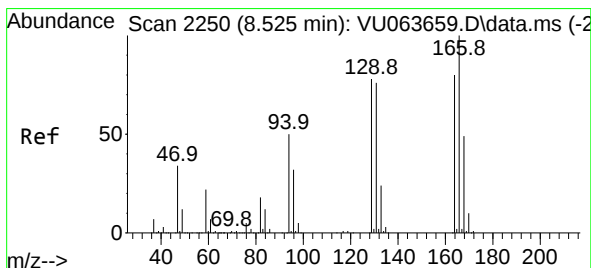
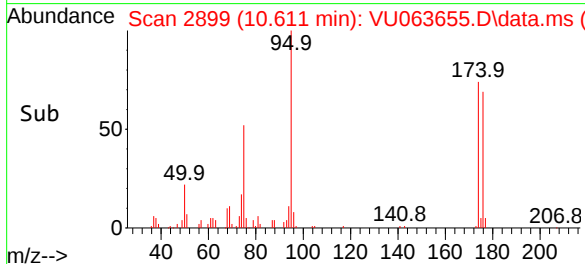
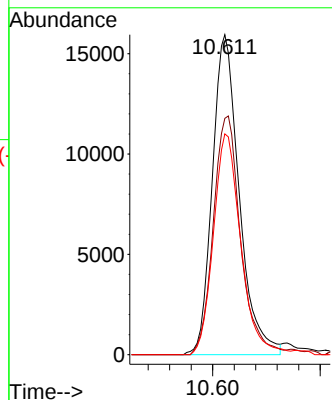
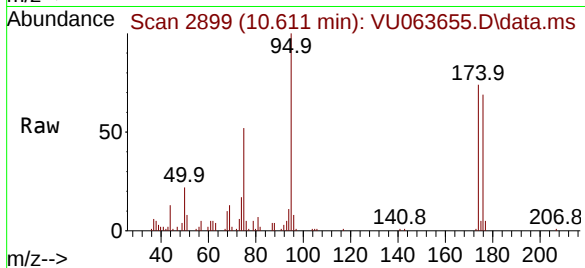
Tgt Ion: 95 Resp: 27659

Ion Ratio Lower Upper

95 100

174 75.5 59.9 89.9

176 70.5 58.8 88.2



#58

Tetrachloroethene

Concen: 0.459 ug/l

RT: 8.528 min Scan# 2251

Delta R.T. 0.003 min

Lab File: VU063655.D

Acq: 31 Oct 2025 09:34

Tgt Ion:164 Resp: 9847

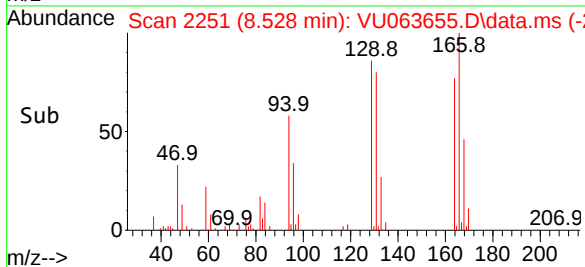
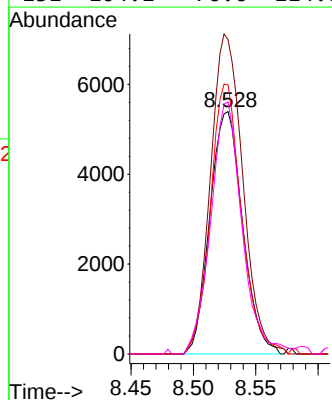
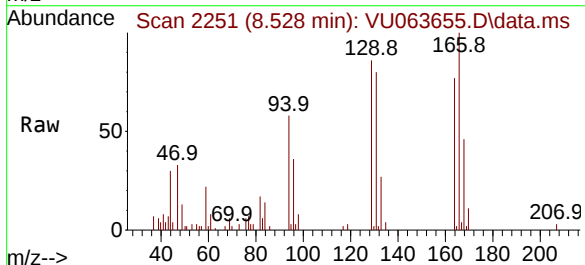
Ion Ratio Lower Upper

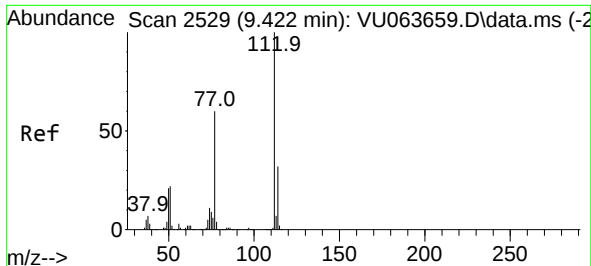
164 100

166 129.7 100.1 150.1

129 111.0 77.6 116.4

131 104.1 76.6 114.8





#59

Chlorobenzene

Concen: 0.475 ug/l

RT: 9.425 min Scan# 2530

Delta R.T. 0.003 min

Lab File: VU063655.D

Acq: 31 Oct 2025 09:34

Instrument :

MSVOA_U

ClientSampleId :

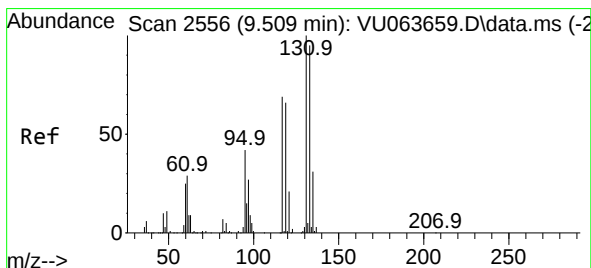
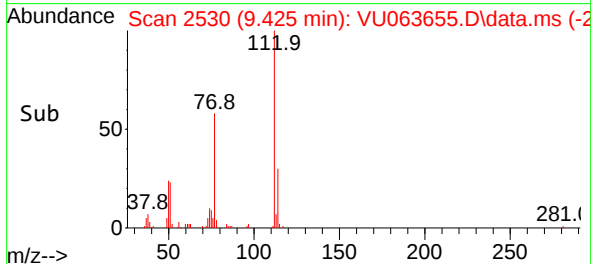
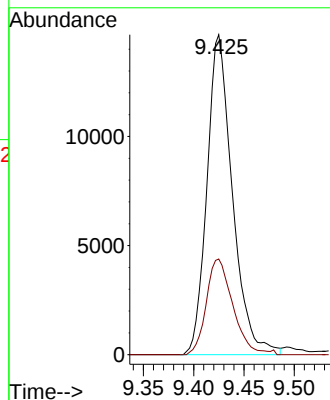
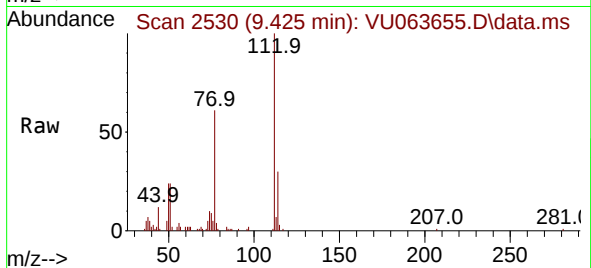
VSTDICC0.5

Tgt Ion:112 Resp: 25823

Ion Ratio Lower Upper

112 100

114 29.9 26.0 39.0



#60

1,1,1,2-Tetrachloroethane

Concen: 0.526 ug/l

RT: 9.508 min Scan# 2556

Delta R.T. -0.000 min

Lab File: VU063655.D

Acq: 31 Oct 2025 09:34

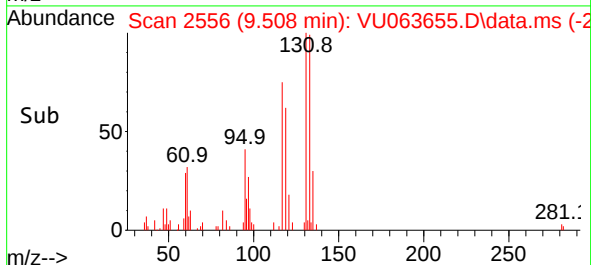
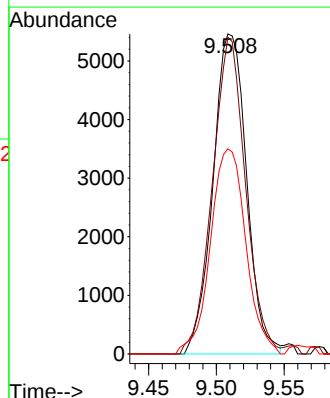
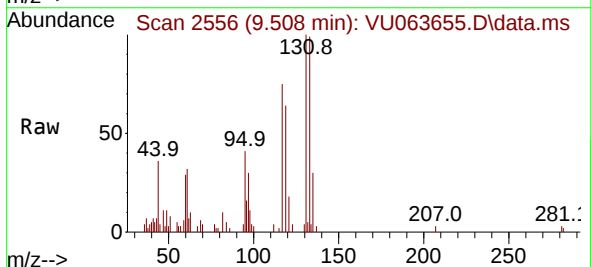
Tgt Ion:131 Resp: 9418

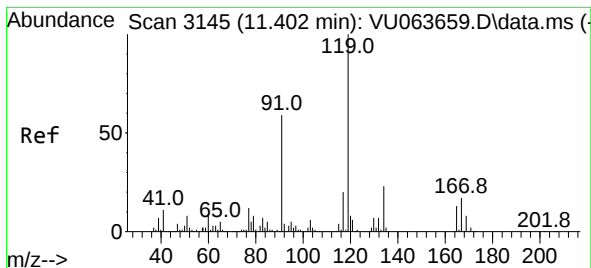
Ion Ratio Lower Upper

131 100

133 97.4 77.0 115.6

119 67.3 52.8 79.2





#61

Pentachloroethane

Concen: 0.490 ug/l

RT: 11.405 min Scan# 3145

Delta R.T. 0.003 min

Lab File: VU063655.D

Acq: 31 Oct 2025 09:34

Instrument :

MSVOA_U

ClientSampleId :

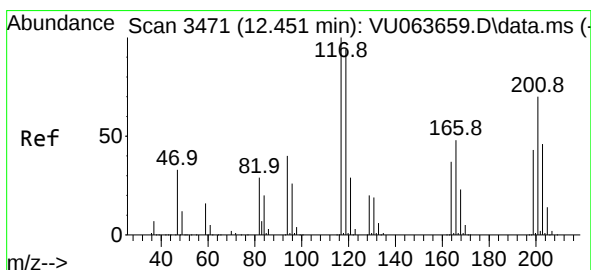
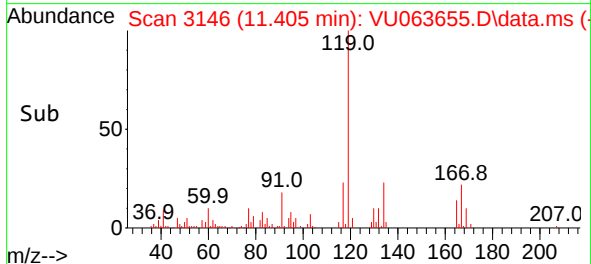
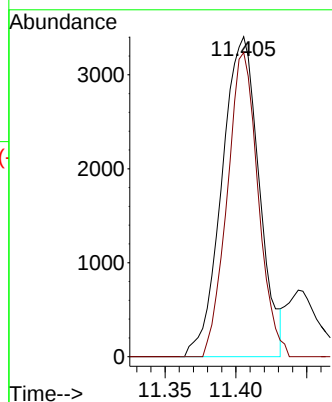
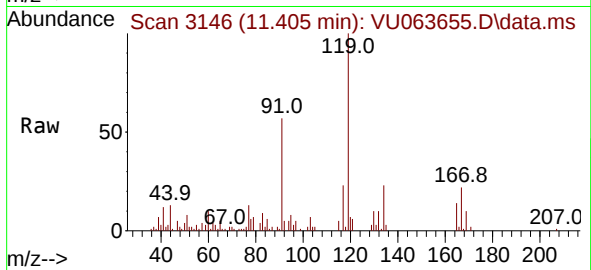
VSTDIC0.5

Tgt Ion:117 Resp: 6242

Ion Ratio Lower Upper

117 100

167 78.7 62.8 94.2



#62

Hexachloroethane

Concen: 0.565 ug/l

RT: 12.450 min Scan# 3471

Delta R.T. -0.000 min

Lab File: VU063655.D

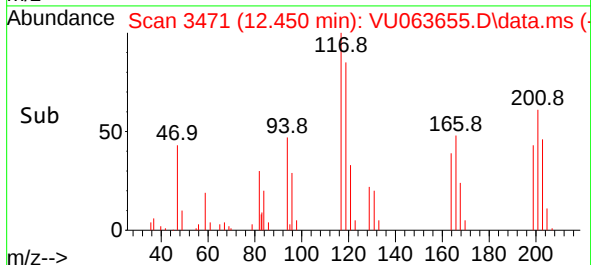
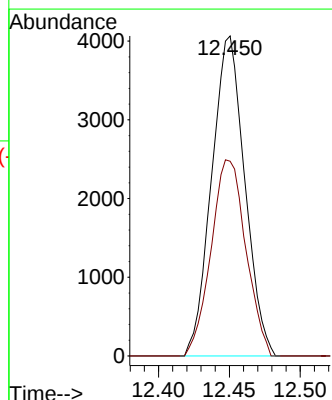
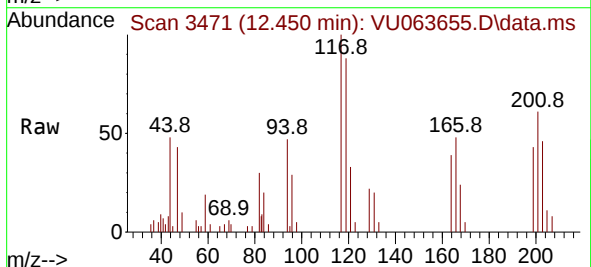
Acq: 31 Oct 2025 09:34

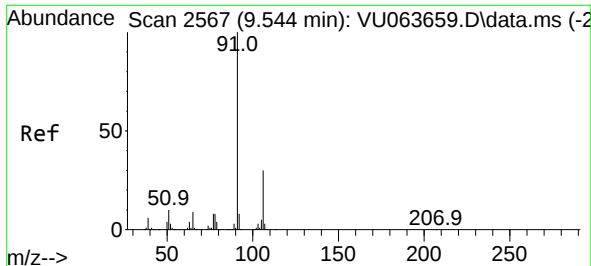
Tgt Ion:117 Resp: 6616

Ion Ratio Lower Upper

117 100

201 64.3 56.3 84.5

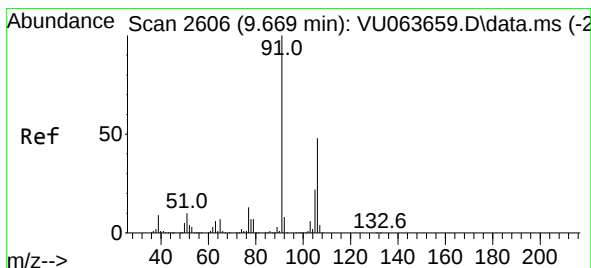
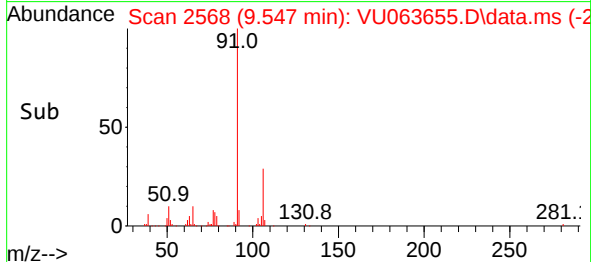
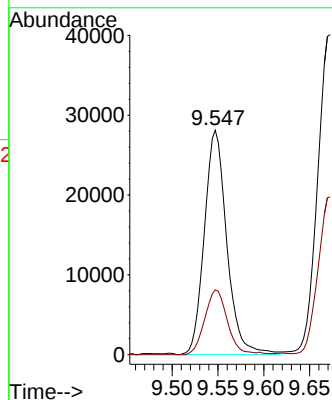
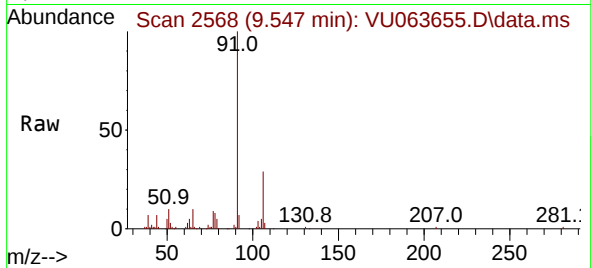




#63
Ethyl Benzene
Concen: 0.514 ug/l
RT: 9.547 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063655.D
Acq: 31 Oct 2025 09:34

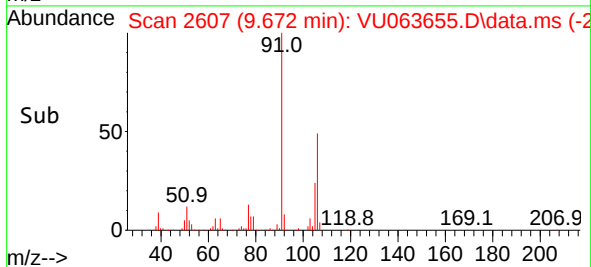
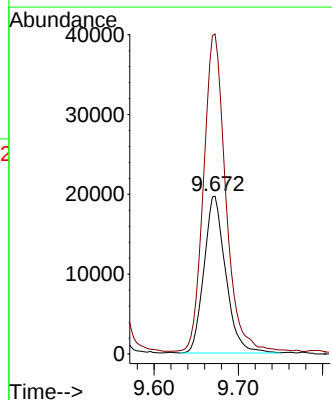
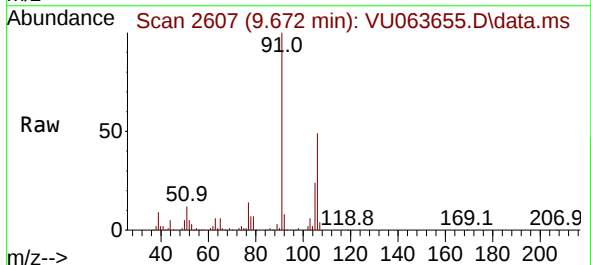
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

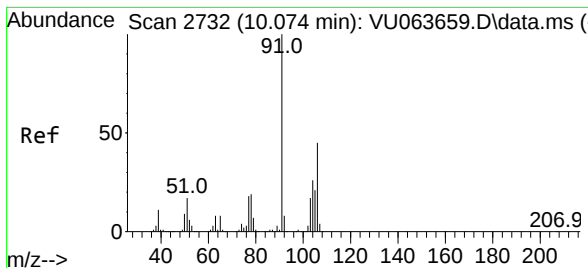
Tgt Ion: 91 Resp: 48067
Ion Ratio Lower Upper
91 100
106 28.9 24.1 36.1



#64
m/p-Xylenes
Concen: 0.982 ug/l
RT: 9.672 min Scan# 2607
Delta R.T. 0.003 min
Lab File: VU063655.D
Acq: 31 Oct 2025 09:34

Tgt Ion:106 Resp: 35163
Ion Ratio Lower Upper
106 100
91 207.9 167.0 250.4

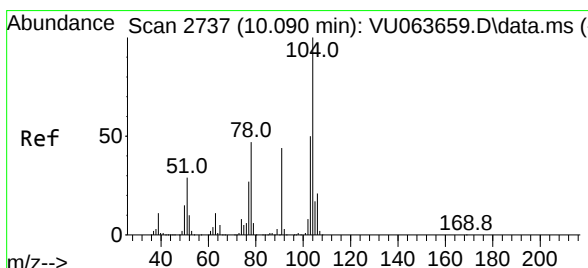
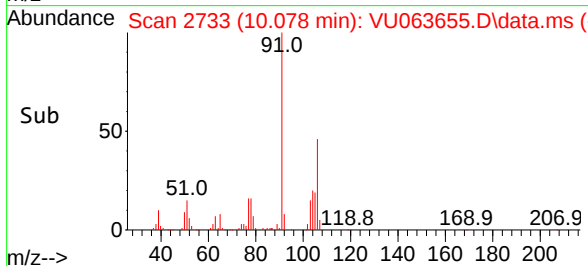
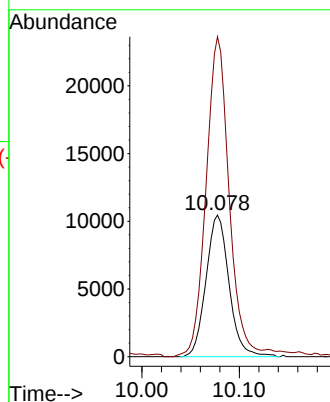
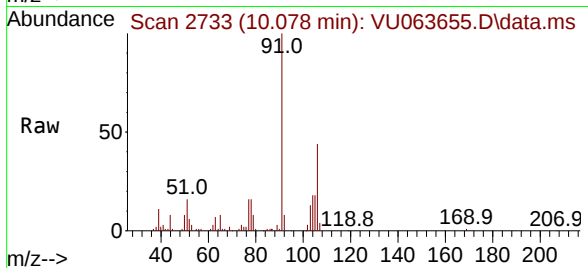




#65
o-Xylene
Concen: 0.480 ug/l
RT: 10.078 min Scan# 2733
Delta R.T. 0.003 min
Lab File: VU063655.D
Acq: 31 Oct 2025 09:34

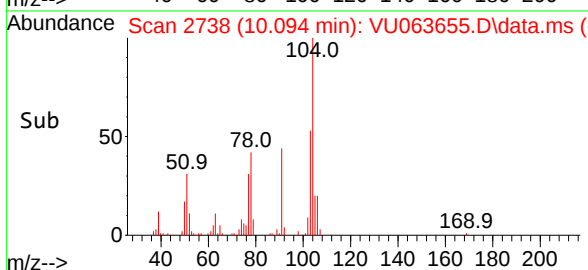
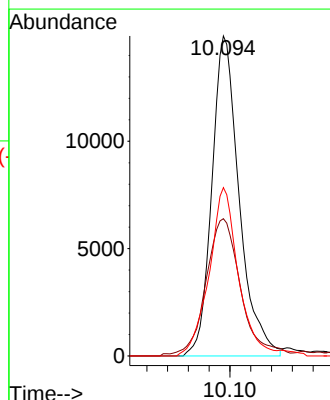
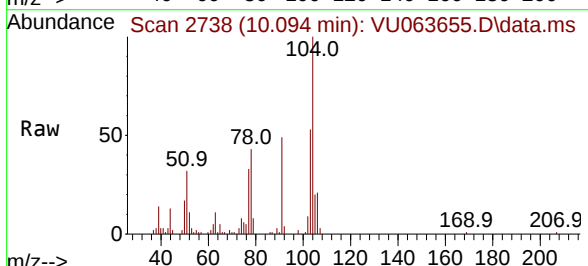
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

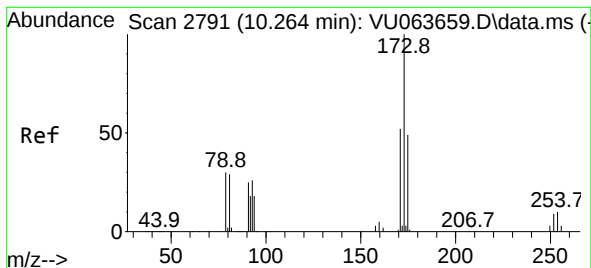
Tgt Ion:106 Resp: 17161
Ion Ratio Lower Upper
106 100
91 224.6 109.3 327.9



#66
Styrene
Concen: 0.477 ug/l
RT: 10.094 min Scan# 2738
Delta R.T. 0.003 min
Lab File: VU063655.D
Acq: 31 Oct 2025 09:34

Tgt Ion:104 Resp: 27222
Ion Ratio Lower Upper
104 100
78 54.5 42.8 64.2
103 55.8 43.9 65.9





#67

Bromoform

Concen: 0.516 ug/l

RT: 10.267 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063655.D

Acq: 31 Oct 2025 09:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

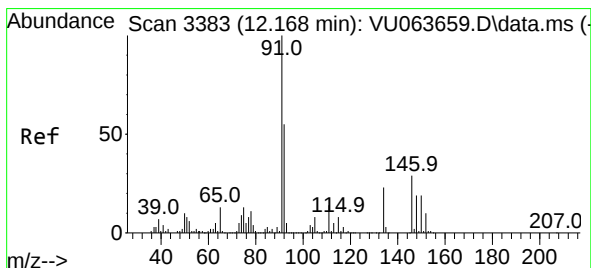
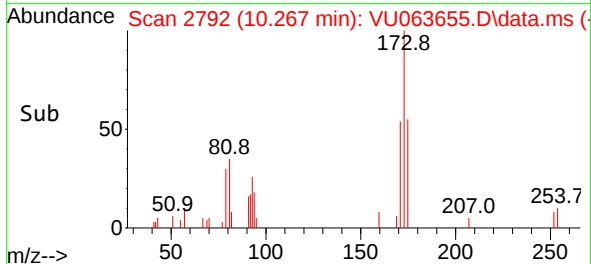
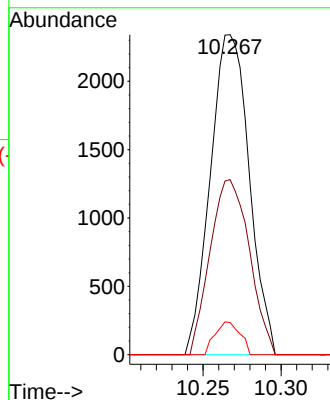
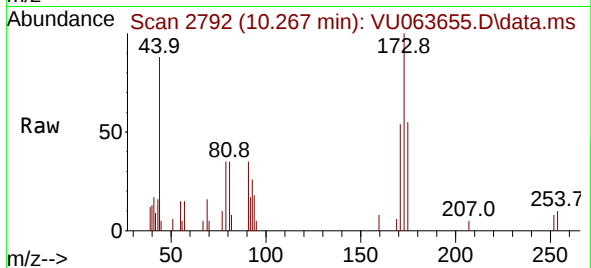
Tgt Ion:173 Resp: 4052

Ion Ratio Lower Upper

173 100

175 55.4 39.0 58.4

254 6.6 7.4 11.0#



#68

1,2-Dichlorobenzene-d4

Concen: 0.942 ug/l

RT: 12.171 min Scan# 3384

Delta R.T. 0.003 min

Lab File: VU063655.D

Acq: 31 Oct 2025 09:34

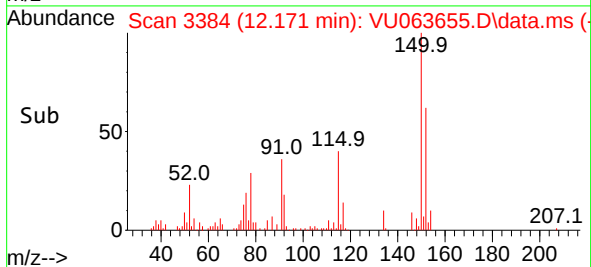
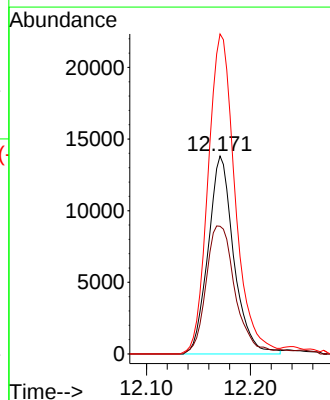
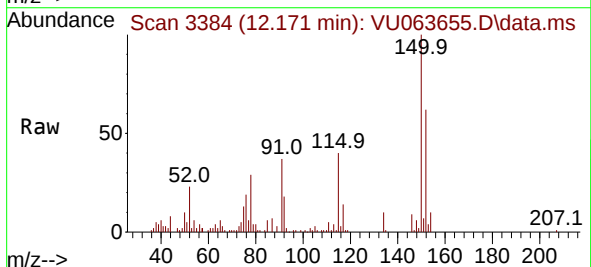
Tgt Ion:152 Resp: 23625

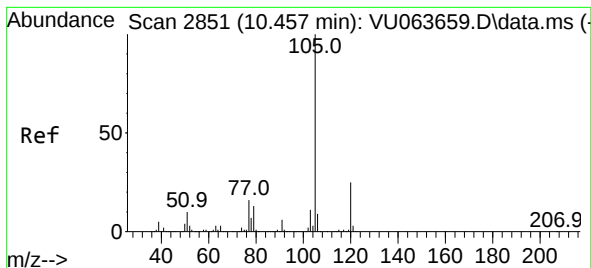
Ion Ratio Lower Upper

152 100

115 73.2 0.0 247.2

150 170.6 0.0 643.6





#69

Isopropylbenzene

Concen: 0.487 ug/l

RT: 10.460 min Scan# 2851

Delta R.T. 0.003 min

Lab File: VU063655.D

Acq: 31 Oct 2025 09:34

Instrument :

MSVOA_U

ClientSampleId :

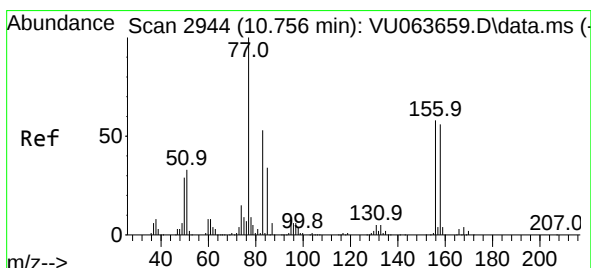
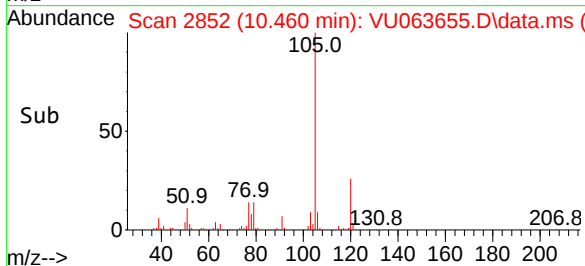
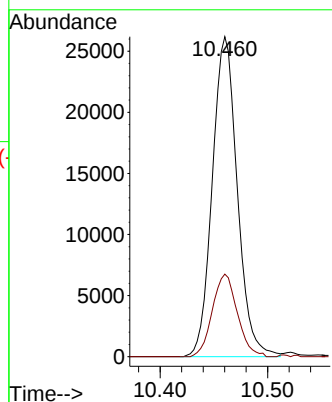
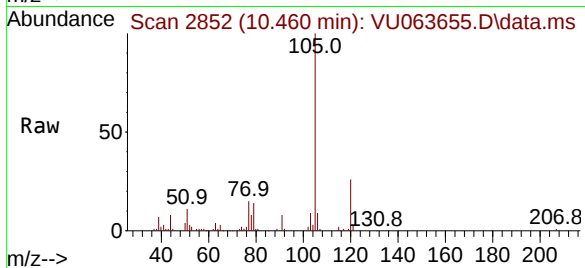
VSTDIC0.5

Tgt Ion:105 Resp: 42310

Ion Ratio Lower Upper

105 100

120 25.7 12.9 38.6



#70

1,1,2,2-Tetrachloroethane

Concen: 0.413 ug/l

RT: 10.759 min Scan# 2945

Delta R.T. 0.003 min

Lab File: VU063655.D

Acq: 31 Oct 2025 09:34

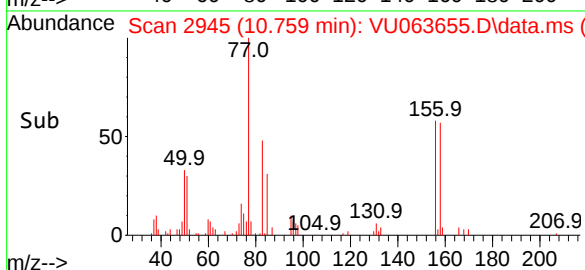
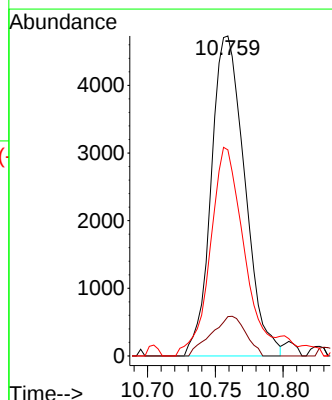
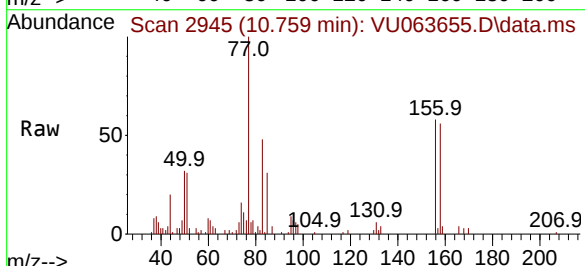
Tgt Ion: 83 Resp: 8145

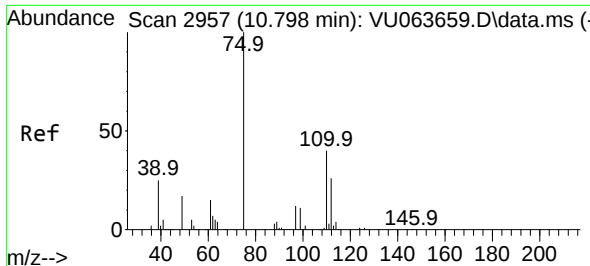
Ion Ratio Lower Upper

83 100

131 12.8 8.1 12.1#

85 65.3 51.0 76.6

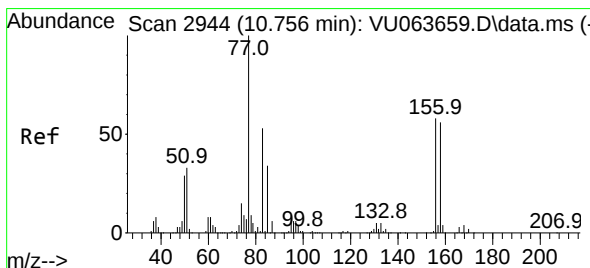
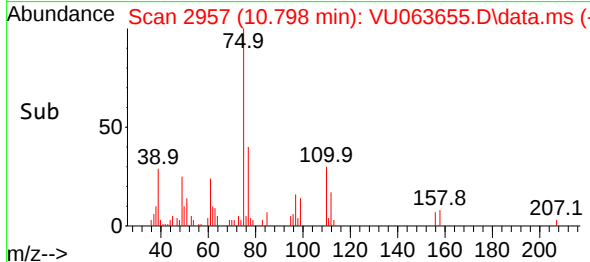
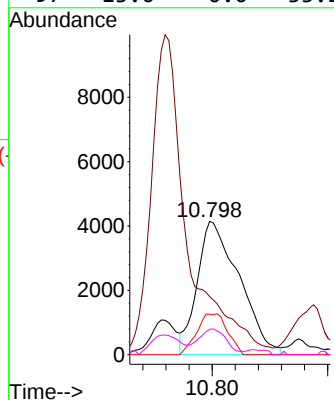
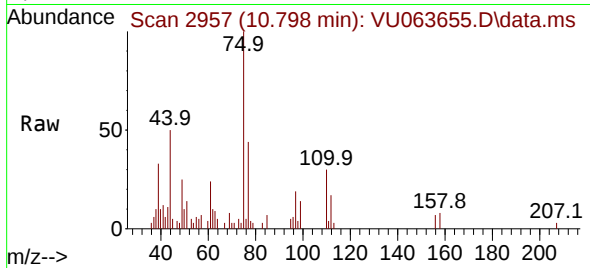




#71
1,2,3-Trichloropropane
Concen: 0.687 ug/l
RT: 10.798 min Scan# 2957
Delta R.T. -0.000 min
Lab File: VU063655.D
Acq: 31 Oct 2025 09:34

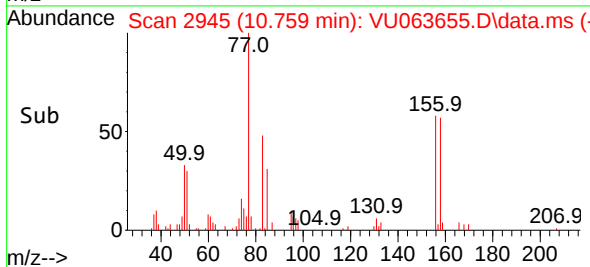
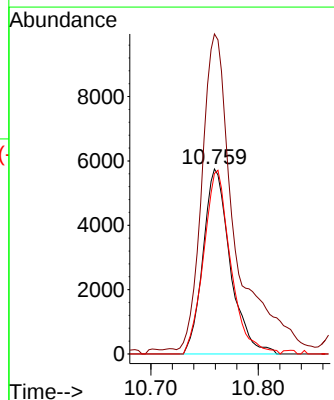
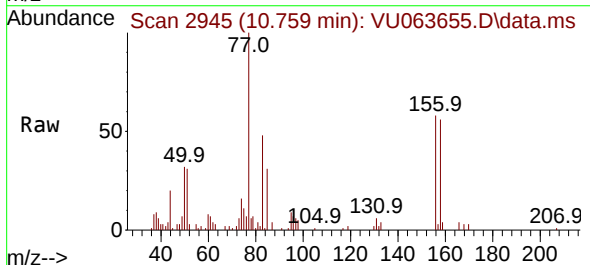
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

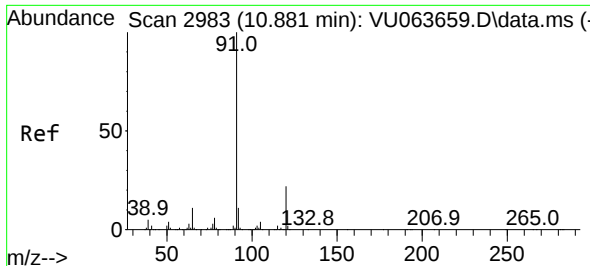
Tgt Ion:	75	Resp:	10453
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0
110	22.3	0.0	66.4
97	13.0	0.0	33.2



#72
Bromobenzene
Concen: 0.451 ug/l
RT: 10.759 min Scan# 2945
Delta R.T. 0.003 min
Lab File: VU063655.D
Acq: 31 Oct 2025 09:34

Tgt Ion:	156	Resp:	10076
Ion Ratio	Lower	Upper	
156	100		
77	204.0	0.0	337.2
158	99.1	0.0	191.8

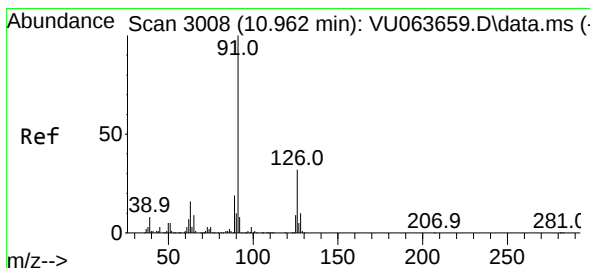
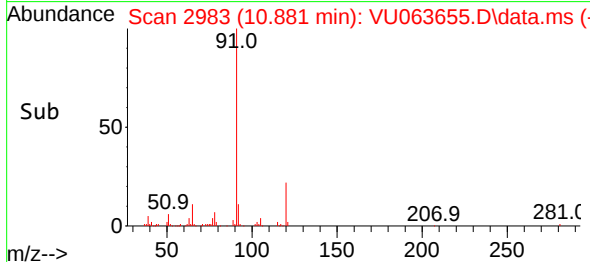
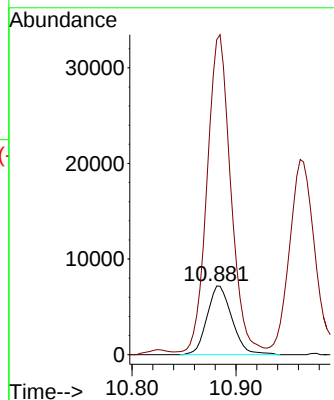
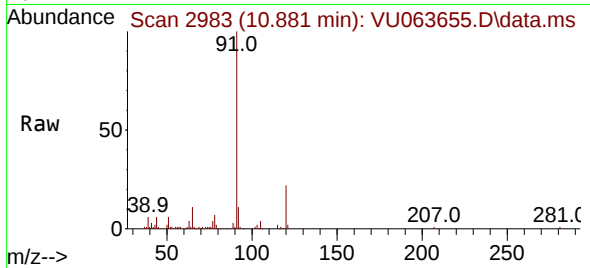




#73
n-propylbenzene
Concen: 0.478 ug/l
RT: 10.881 min Scan# 2983
Delta R.T. -0.000 min
Lab File: VU063655.D
Acq: 31 Oct 2025 09:34

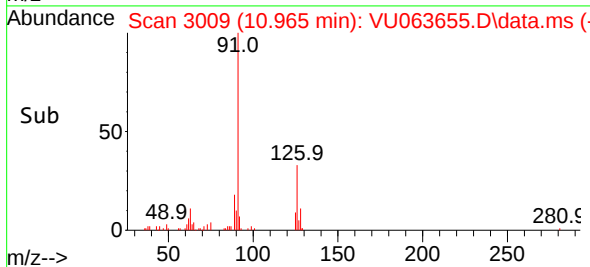
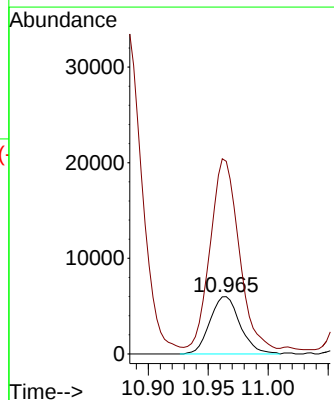
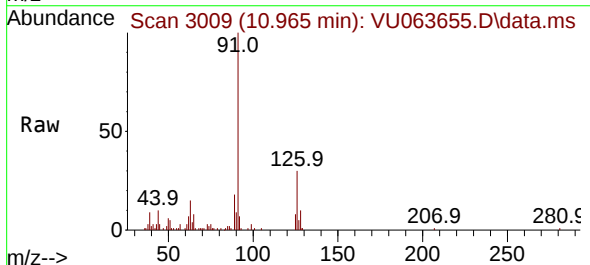
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

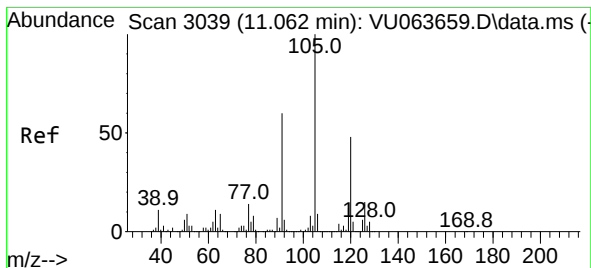
Tgt Ion:120 Resp: 11934
Ion Ratio Lower Upper
120 100
91 436.5 361.4 542.2



#74
2-Chlorotoluene
Concen: 0.466 ug/l
RT: 10.965 min Scan# 3009
Delta R.T. 0.003 min
Lab File: VU063655.D
Acq: 31 Oct 2025 09:34

Tgt Ion:126 Resp: 10452
Ion Ratio Lower Upper
126 100
91 314.1 0.0 634.8





#75

1,3,5-Trimethylbenzene

Concen: 0.483 ug/l

RT: 11.065 min Scan# 3039

Delta R.T. 0.003 min

Lab File: VU063655.D

Acq: 31 Oct 2025 09:34

Instrument :

MSVOA_U

ClientSampleId :

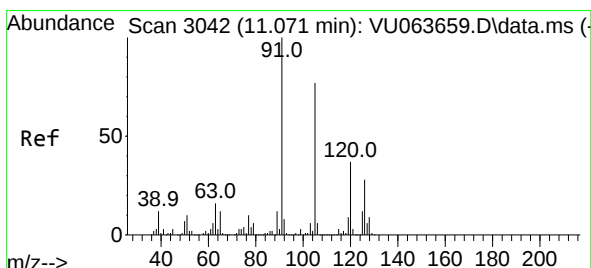
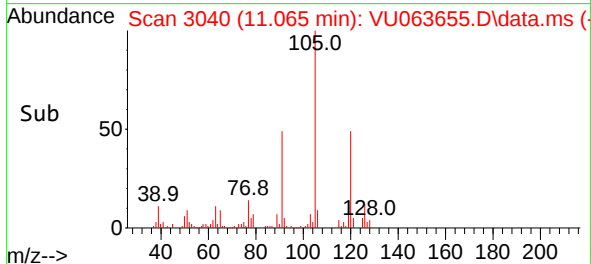
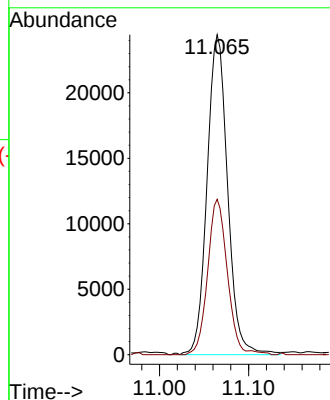
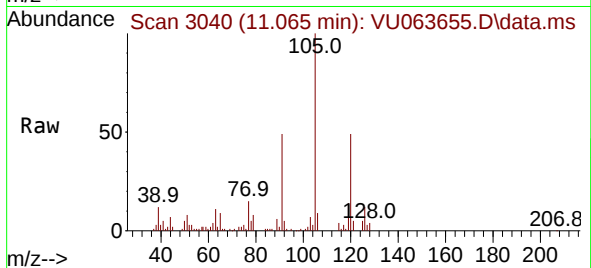
VSTDICC0.5

Tgt Ion:105 Resp: 39089

Ion Ratio Lower Upper

105 100

120 46.7 38.2 57.2



#76

4-Chlorotoluene

Concen: 0.446 ug/l

RT: 11.078 min Scan# 3044

Delta R.T. 0.006 min

Lab File: VU063655.D

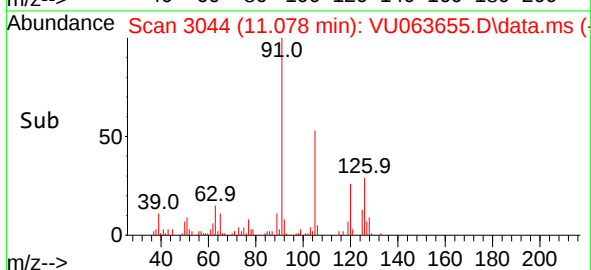
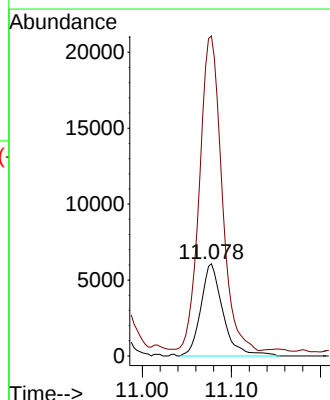
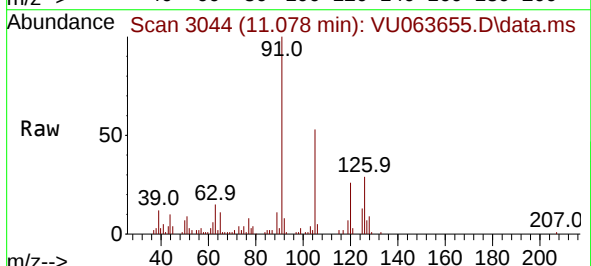
Acq: 31 Oct 2025 09:34

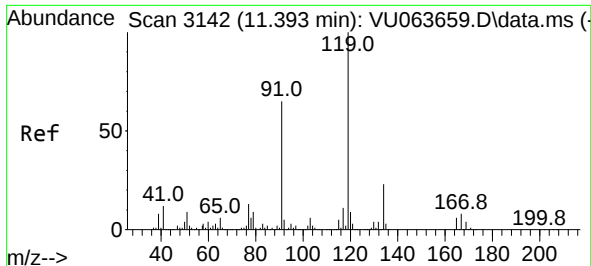
Tgt Ion:126 Resp: 10444

Ion Ratio Lower Upper

126 100

91 345.3 0.0 716.6

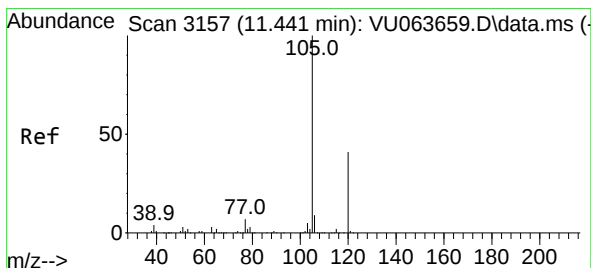
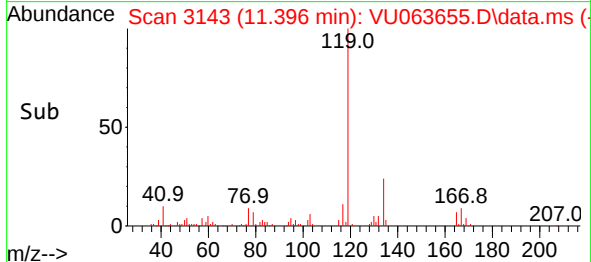
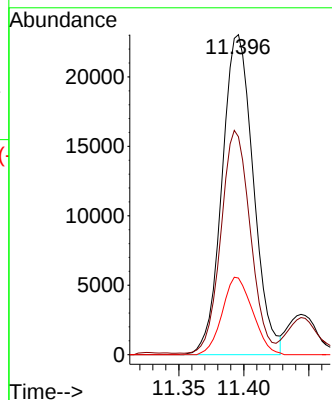
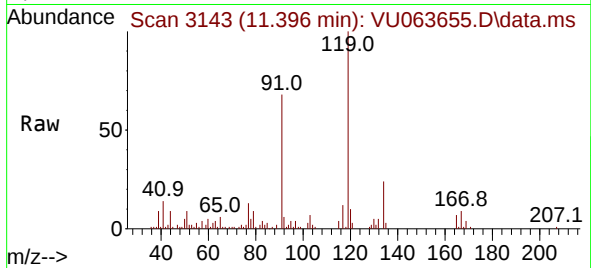




#77
tert-Butylbenzene
Concen: 0.491 ug/l
RT: 11.396 min Scan# 3143
Delta R.T. 0.003 min
Lab File: VU063655.D
Acq: 31 Oct 2025 09:34

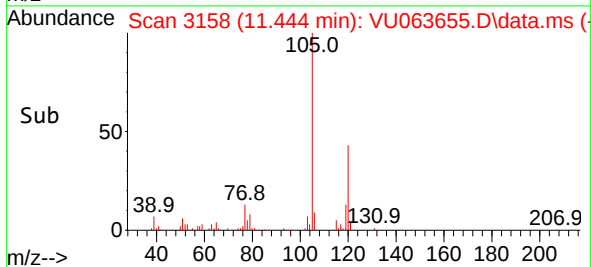
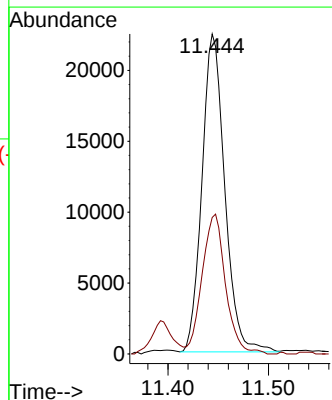
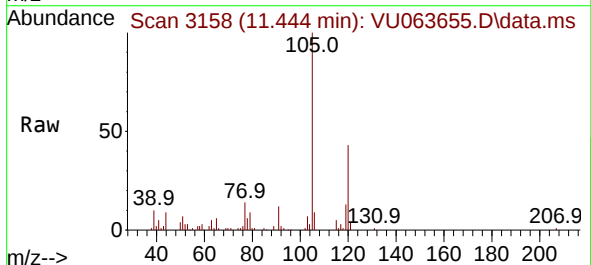
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

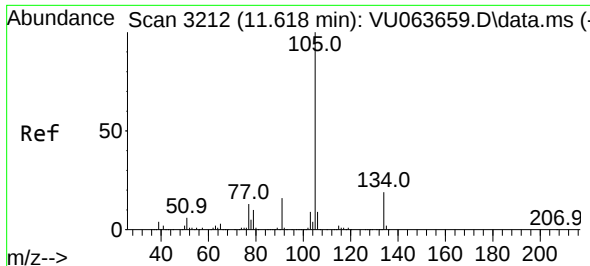
Tgt Ion:119 Resp: 38585
Ion Ratio Lower Upper
119 100
91 65.1 31.3 93.8
134 23.4 18.7 28.1



#78
1,2,4-Trimethylbenzene
Concen: 0.449 ug/l
RT: 11.444 min Scan# 3158
Delta R.T. 0.003 min
Lab File: VU063655.D
Acq: 31 Oct 2025 09:34

Tgt Ion:105 Resp: 35362
Ion Ratio Lower Upper
105 100
120 45.4 22.4 67.0

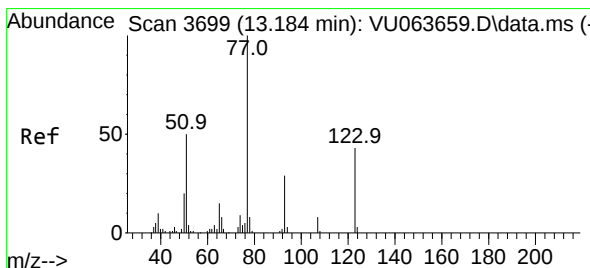
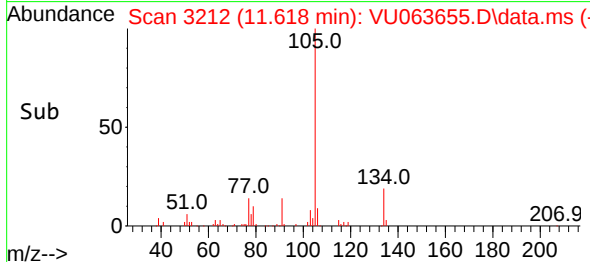
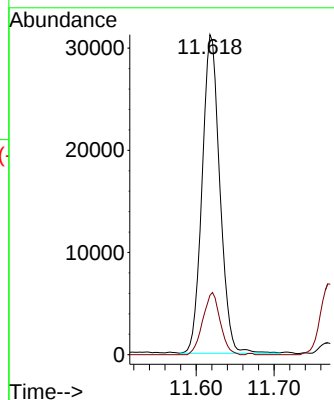
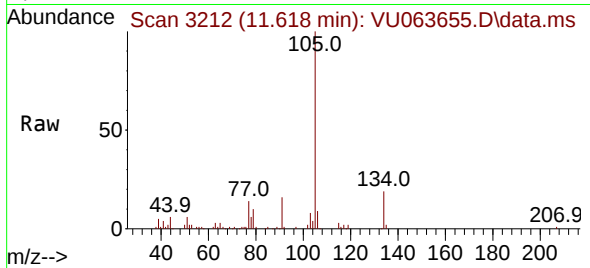




#79
 sec-Butylbenzene
 Concen: 0.463 ug/l
 RT: 11.618 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU063655.D
 Acq: 31 Oct 2025 09:34

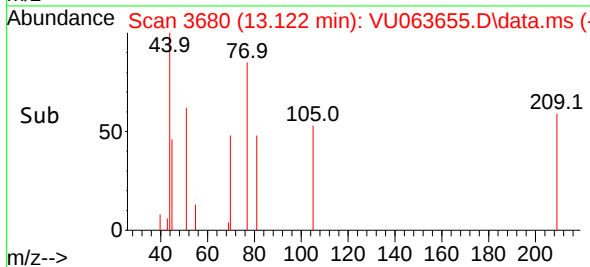
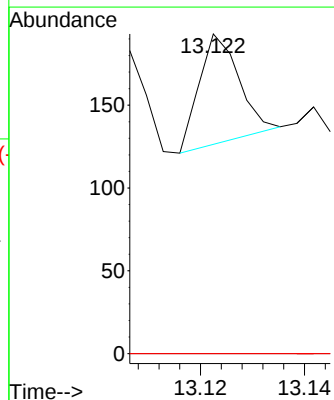
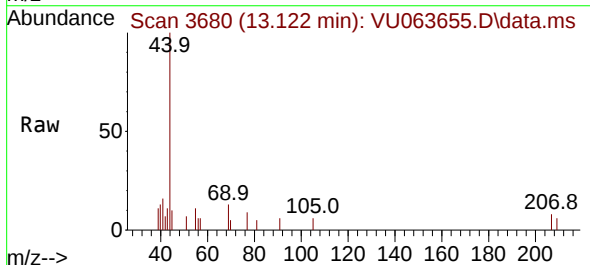
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

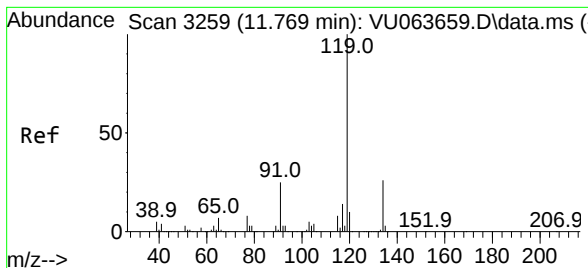
Tgt Ion:105 Resp: 49087
 Ion Ratio Lower Upper
 105 100
 134 19.2 15.7 23.5



#80
 Nitrobenzene
 Concen: 0.109 ug/l
 RT: 13.122 min Scan# 3680
 Delta R.T. -0.061 min
 Lab File: VU063655.D
 Acq: 31 Oct 2025 09:34

Tgt Ion: 77 Resp: 36
 Ion Ratio Lower Upper
 77 100
 123 350.0 18.2 64.4#
 65 0.0 13.6 17.2#

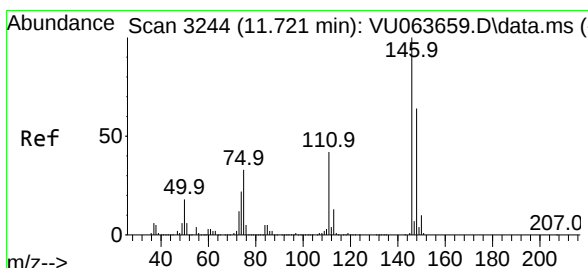
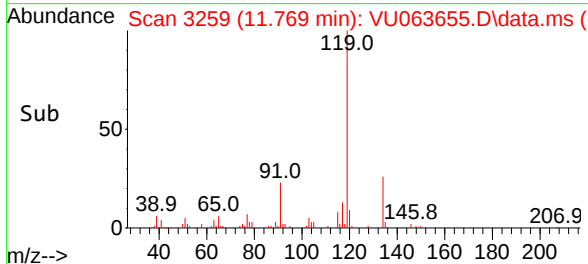
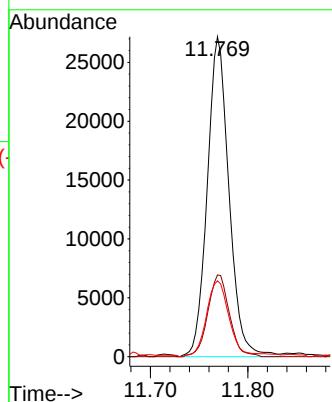
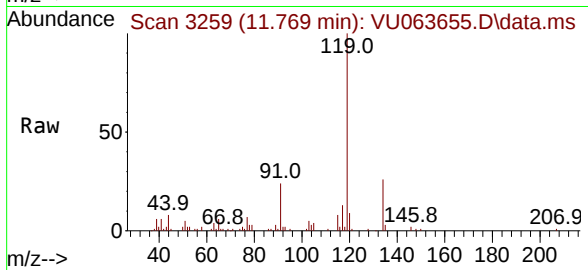




#81
 p-Isopropyltoluene
 Concen: 0.493 ug/l
 RT: 11.769 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU063655.D
 Acq: 31 Oct 2025 09:34

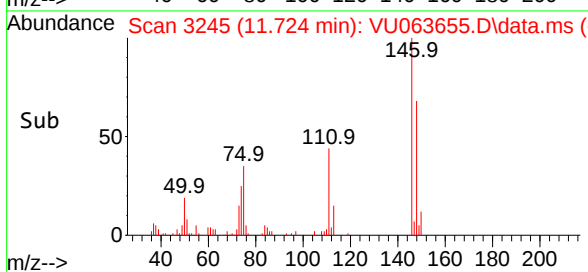
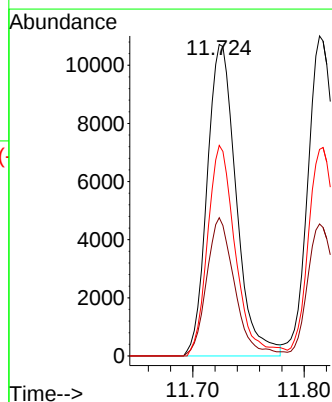
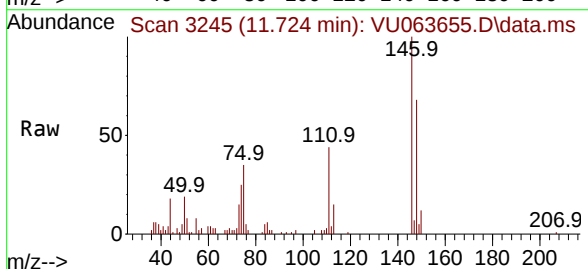
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

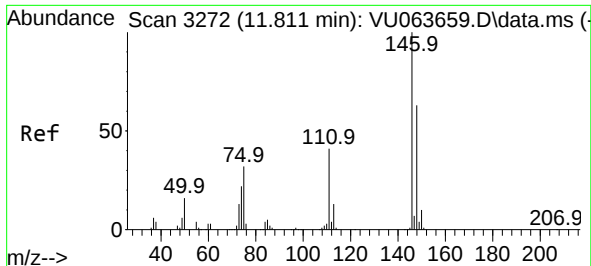
Tgt Ion:	119	Resp:	42034
Ion	Ratio	Lower	Upper
119	100		
134	25.4	20.3	30.5
91	25.4	20.1	30.1



#82
 1,3-Dichlorobenzene
 Concen: 0.436 ug/l
 RT: 11.724 min Scan# 3245
 Delta R.T. 0.003 min
 Lab File: VU063655.D
 Acq: 31 Oct 2025 09:34

Tgt Ion:	146	Resp:	19457
Ion	Ratio	Lower	Upper
146	100		
111	43.0	33.8	50.8
148	65.0	50.8	76.2

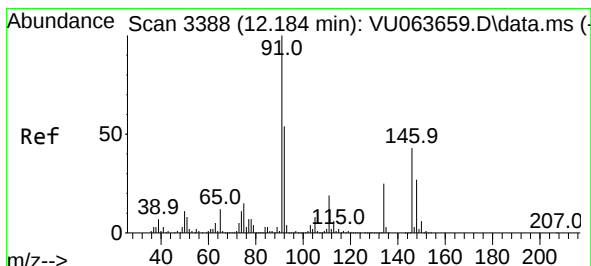
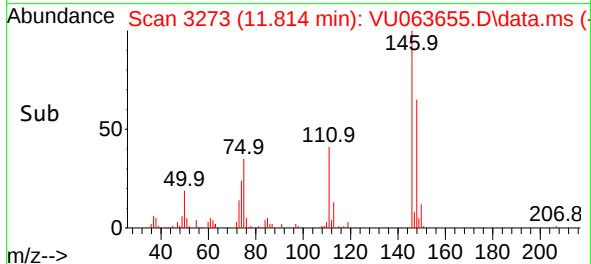
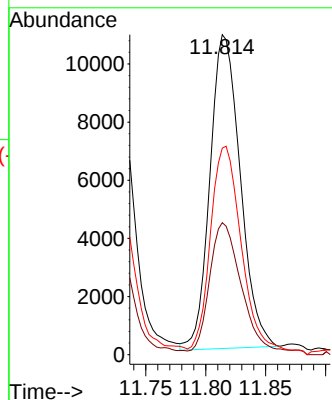
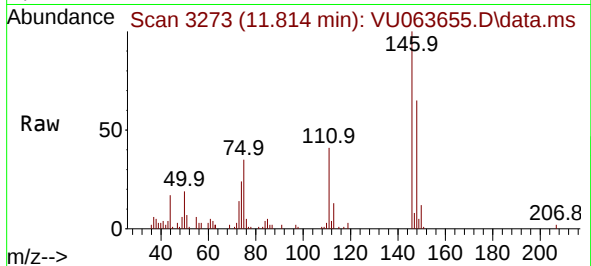




#83
1,4-Dichlorobenzene
Concen: 0.414 ug/l
RT: 11.814 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063655.D
Acq: 31 Oct 2025 09:34

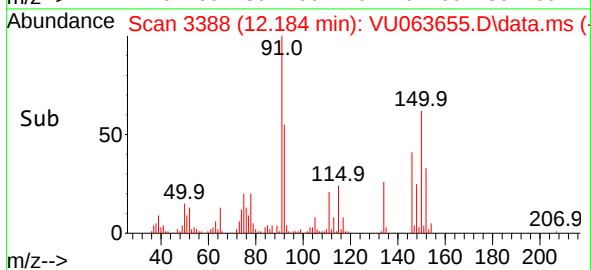
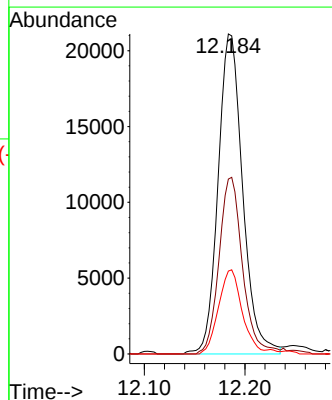
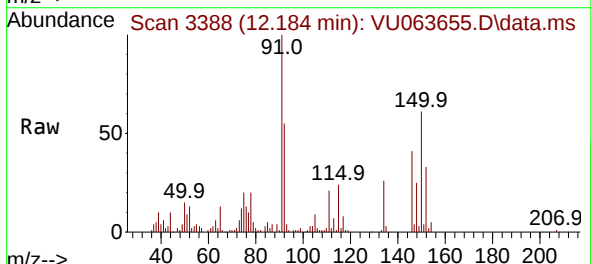
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

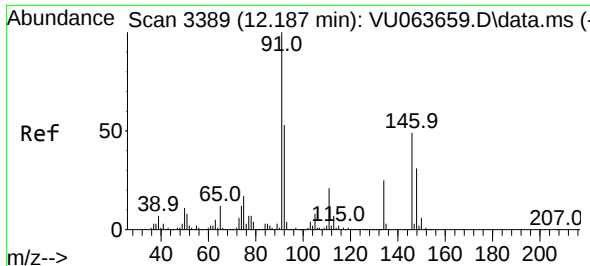
Tgt Ion:146 Resp: 18977
Ion Ratio Lower Upper
146 100
111 45.3 33.0 49.4
148 69.6 50.6 76.0



#84
n-Butylbenzene
Concen: 0.450 ug/l
RT: 12.184 min Scan# 3388
Delta R.T. -0.000 min
Lab File: VU063655.D
Acq: 31 Oct 2025 09:34

Tgt Ion: 91 Resp: 35890
Ion Ratio Lower Upper
91 100
92 53.2 43.1 64.7
134 25.1 19.7 29.5

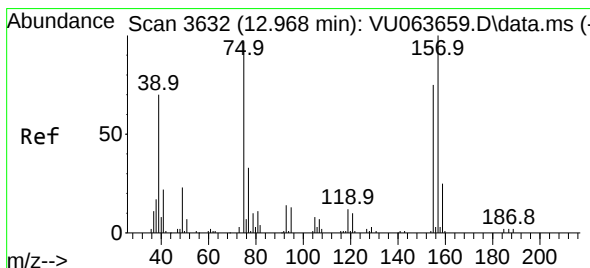
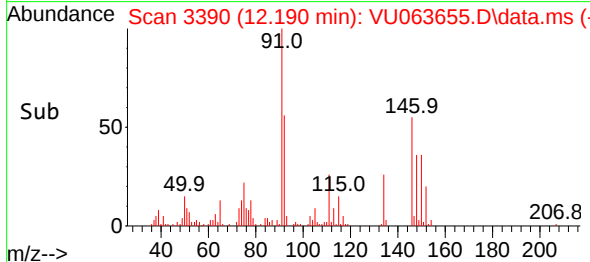
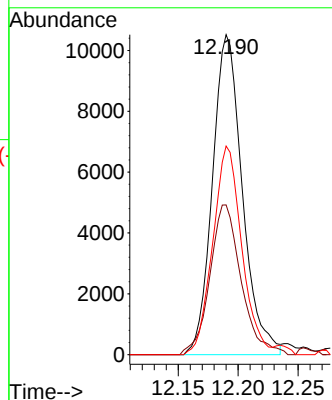
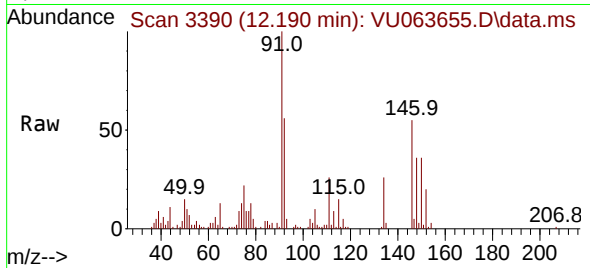




#85
 1,2-Dichlorobenzene
 Concen: 0.424 ug/l
 RT: 12.190 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU063655.D
 Acq: 31 Oct 2025 09:34

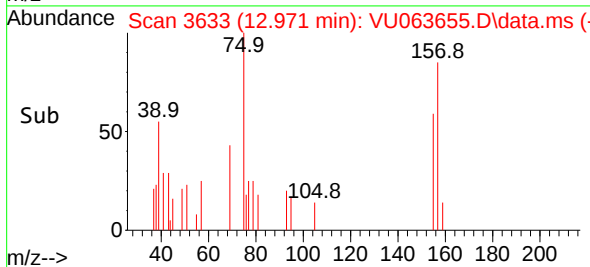
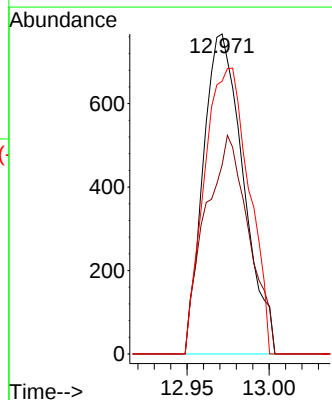
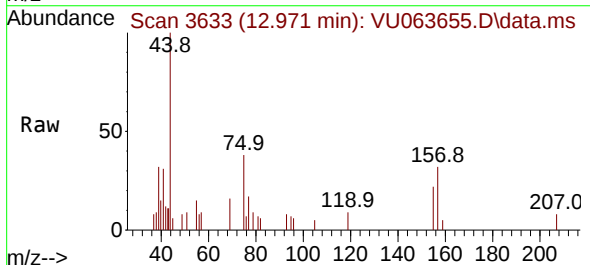
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

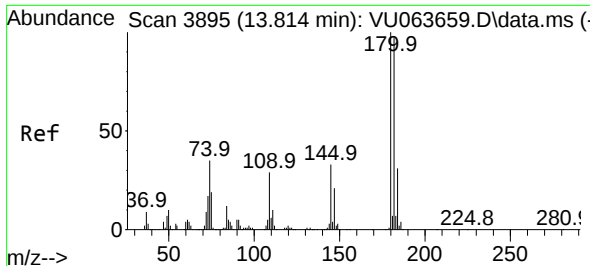
Tgt Ion:146 Resp: 18222
 Ion Ratio Lower Upper
 146 100
 111 48.8 22.2 66.6
 148 63.2 31.9 95.5



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 0.484 ug/l
 RT: 12.971 min Scan# 3633
 Delta R.T. 0.003 min
 Lab File: VU063655.D
 Acq: 31 Oct 2025 09:34

Tgt Ion: 75 Resp: 1302
 Ion Ratio Lower Upper
 75 100
 155 74.3 62.2 93.4
 157 99.4 81.3 121.9





#87

1,2,4-Trichlorobenzene

Concen: 0.419 ug/l

RT: 13.820 min Scan# 3897

Delta R.T. 0.006 min

Lab File: VU063655.D

Acq: 31 Oct 2025 09:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

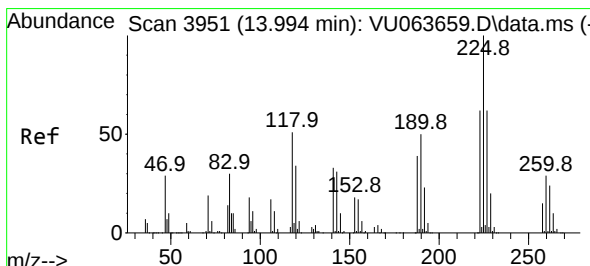
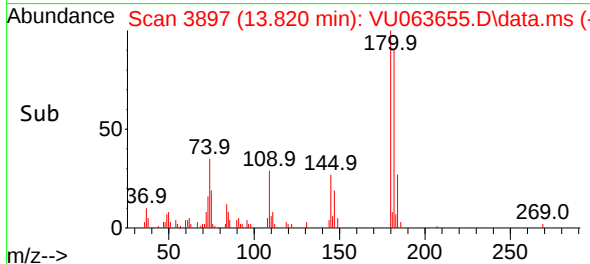
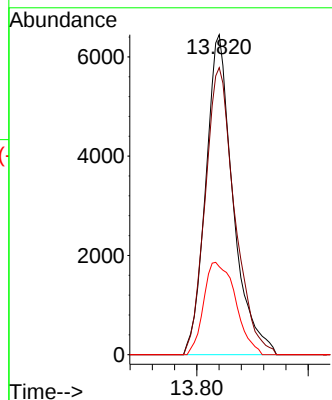
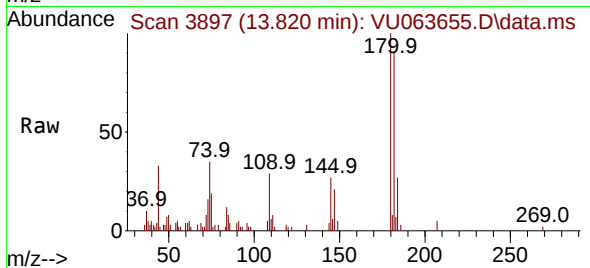
Tgt Ion:180 Resp: 10972

Ion Ratio Lower Upper

180 100

182 96.3 76.4 114.6

145 33.5 26.2 39.2



#88

Hexachlorobutadiene

Concen: 0.417 ug/l

RT: 13.994 min Scan# 3951

Delta R.T. -0.000 min

Lab File: VU063655.D

Acq: 31 Oct 2025 09:34

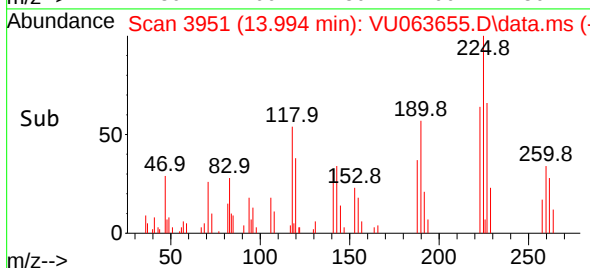
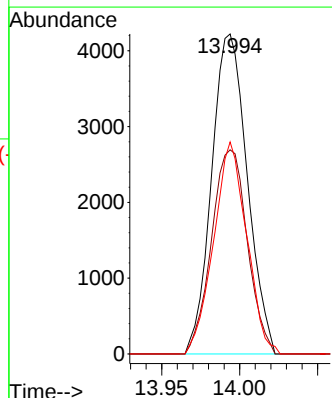
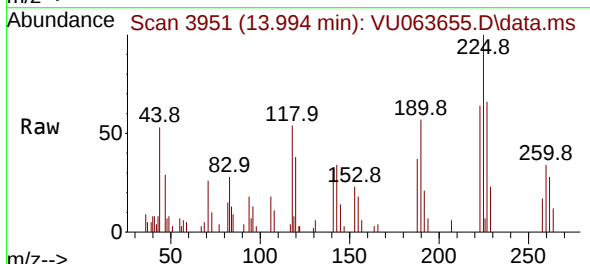
Tgt Ion:225 Resp: 6710

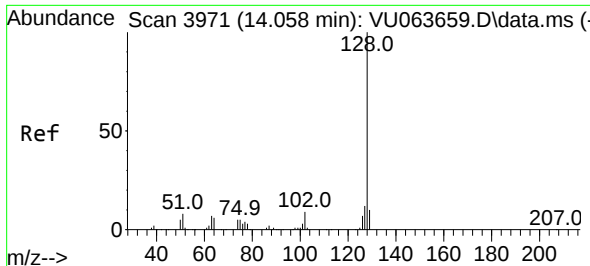
Ion Ratio Lower Upper

225 100

223 64.1 50.2 75.4

227 61.5 50.0 75.0

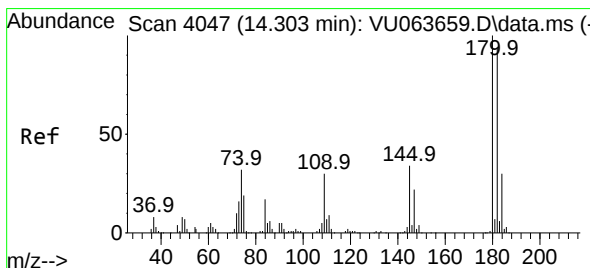
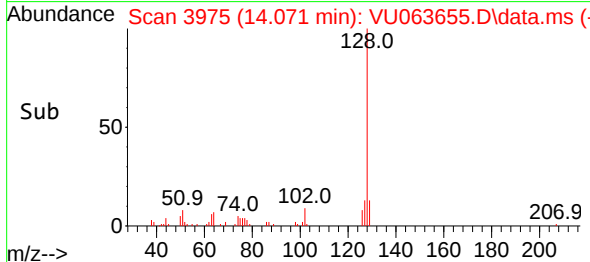
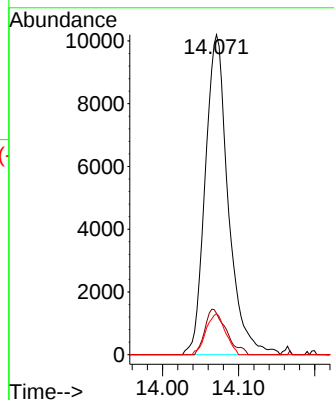
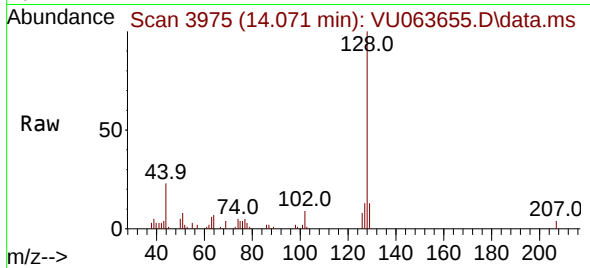




#89
Naphthalene
Concen: 0.454 ug/l
RT: 14.071 min Scan# 3975
Delta R.T. 0.013 min
Lab File: VU063655.D
Acq: 31 Oct 2025 09:34

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Tgt Ion:128	Resp:	21452
Ion Ratio	Lower	Upper
128	100	
127	13.0	10.2 15.2
129	10.8	8.6 12.8



#90
1,2,3-Trichlorobenzene
Concen: 0.396 ug/l
RT: 14.306 min Scan# 4048
Delta R.T. 0.003 min
Lab File: VU063655.D
Acq: 31 Oct 2025 09:34

Tgt Ion:180	Resp:	9786
Ion Ratio	Lower	Upper
180	100	
182	96.6	75.4 113.0
145	35.1	27.4 41.2

