

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071625\
 Data File : VU063515.D
 Acq On : 16 Jul 2025 11:37
 Operator : MD/SY
 Sample : VSTDICCC010
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Quant Time: Jul 17 03:25:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U071625DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jul 17 03:16:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.100	96	25507	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	9419	0.975	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	9149	1.024	ug/l	0.00
Spiked Amount 1.000			Recovery	=	102.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	75576	10.049	ug/l	100
3) Chloromethane	1.518	50	68401	9.784	ug/l	100
4) Vinyl Chloride	1.599	62	90489	10.162	ug/l	100
5) Bromomethane	1.840	94	62116	9.251	ug/l	100
6) Chloroethane	1.923	64	54599	10.156	ug/l	100
7) Trichlorofluoromethane	2.126	101	129904	10.161	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.566	101	67855	10.156	ug/l	100
9) 1,1-Dichloroethene	2.566	96	67577	10.205	ug/l	100
10) Iodomethane	2.708	142	94216	9.560	ug/l	100
11) Allyl Chloride	2.907	41	97312	10.172	ug/l	100
12) Acrylonitrile	3.306	53	32316	19.501	ug/l	100
13) Acetone	2.618	43	63754	48.044	ug/l	100
14) Carbon Disulfide	2.775	76	219662	10.270	ug/l	100
15) Methylene Chloride	3.029	84	74766	9.590	ug/l	100
16) trans-1,2-Dichloroethene	3.335	96	76110	10.120	ug/l	100
17) 1,1-Dichloroethane	3.849	63	139986	10.042	ug/l	100
18) 2-Butanone	4.711	43	101743	49.509	ug/l	100
19) Cyclohexane	5.361	56	117794	9.980	ug/l	100
20) Methylcyclohexane	6.740	83	124959	10.893	ug/l	100
21) 2,2-Dichloropropane	4.644	77	115814	9.757	ug/l	100
22) cis-1,2-Dichloroethene	4.647	96	81707	10.012	ug/l	100
23) Diethyl Ether	2.367	59	52619	10.428	ug/l	100
24) tert-Butyl Alcohol	3.190	59	60952	100.062	ug/l	100
25) Methyl tert-Butyl Ether	3.361	73	176642	10.218	ug/l	100
26) Bromochloromethane	4.955	128	35072	10.293	ug/l	100
27) Chloroform	5.071	83	139474	9.805	ug/l	100
28) 1,1,1-Trichloroethane	5.296	97	122824	10.174	ug/l	100
29) 1,1-Dichloropropene	5.505	75	110654	9.894	ug/l	100
30) Carbon Tetrachloride	5.502	117	99861	10.277	ug/l	100
31) Isopropyl Ether	3.991	45	212065	10.078	ug/l	100
32) Ethyl-t-butyl ether	4.502	59	196224	10.077	ug/l	100
33) Tert-Amyl methyl ether	5.943	73	169757	10.045	ug/l	100
34) Propionitrile	4.772	54	29396	46.949	ug/l	100
35) Benzene	5.756	78	306660	10.205	ug/l	100
36) 1,2-Dichloroethane	5.782	62	95989	10.281	ug/l	100
37) Trichloroethene	6.525	130	82269	10.731	ug/l	100
38) 1,2-Dichloropropane	6.779	63	80452	11.439	ug/l	100
39) Methacrylonitrile	4.972	41	25859	9.408	ug/l	100
40) Methyl acrylate	4.846	55	42948	10.557	ug/l	100
41) Tetrahydrofuran	5.058	42	26672	18.218	ug/l	100
42) 1-Chlorobutane	5.438	56	150746	10.139	ug/l	100
43) Dibromomethane	6.907	93	39219	10.765	ug/l	100
44) Bromodichloromethane	7.094	83	83585	10.173	ug/l	100

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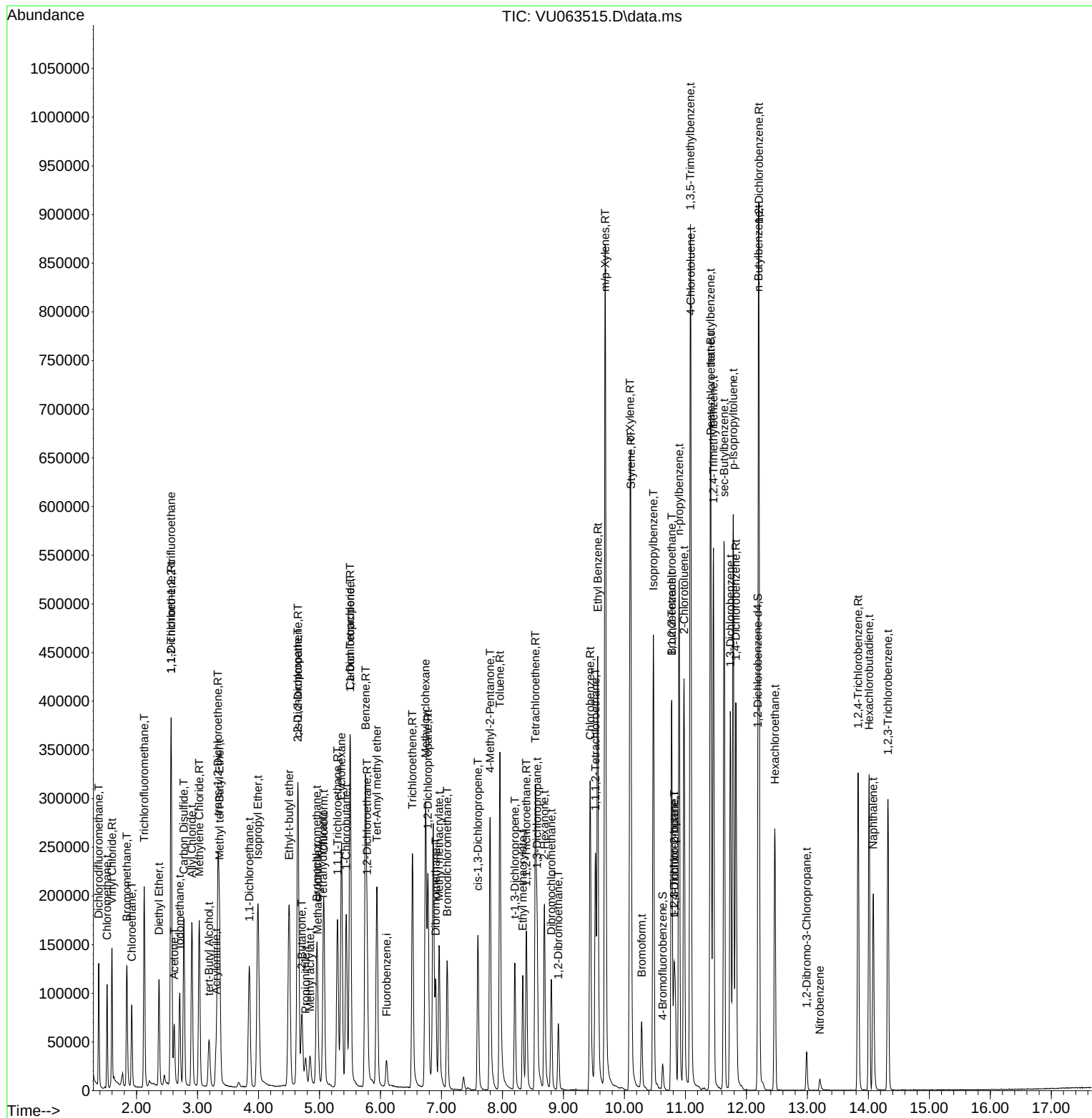
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.798	43	194373	51.766	ug/l	100
46) t-1,4-Dichloro-2-butene	10.817	75	66761	50.115	ug/l #	59
47) Methyl methacrylate	6.962	69	64875	21.203	ug/l	100
48) Ethyl methacrylate	8.335	69	64347	11.020	ug/l	100
49) Toluene	7.959	92	171146	10.432	ug/l	100
50) t-1,3-Dichloropropene	8.203	75	72787	11.292	ug/l	100
51) cis-1,3-Dichloropropene	7.598	75	92302	10.668	ug/l	100
52) 1,1,2-Trichloroethane	8.393	97	51547	10.510	ug/l	100
53) 1,3-Dichloropropane	8.569	76	87683	10.355	ug/l	100
54) 2-Hexanone	8.688	43	131332	52.658	ug/l	100
55) Dibromochloromethane	8.801	129	59098	11.401	ug/l	100
56) 1,2-Dibromoethane	8.917	107	45601	10.388	ug/l	100
58) Tetrachloroethene	8.540	164	72806	10.376	ug/l	100
59) Chlorobenzene	9.441	112	196780	10.443	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.528	131	64850	10.702	ug/l	100
61) Pentachloroethane	11.418	117	47516	11.097	ug/l	100
62) Hexachloroethane	12.466	117	49020	11.561	ug/l	100
63) Ethyl Benzene	9.563	91	335269	10.340	ug/l	100
64) m/p-Xylenes	9.685	106	264769	21.007	ug/l	100
65) o-Xylene	10.094	106	128634	10.621	ug/l	100
66) Styrene	10.106	104	209876	10.873	ug/l	100
67) Bromoform	10.283	173	30149	11.325	ug/l	100
69) Isopropylbenzene	10.476	105	313810	10.718	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.775	83	61909	10.373	ug/l	100
71) 1,2,3-Trichloropropane	10.817	75	66761	13.707	ug/l #	85
72) Bromobenzene	10.775	156	78897	10.441	ug/l	100
73) n-propylbenzene	10.897	120	95656	10.853	ug/l	100
74) 2-Chlorotoluene	10.978	126	82104	10.540	ug/l	100
75) 1,3,5-Trimethylbenzene	11.081	105	301469	10.778	ug/l	100
76) 4-Chlorotoluene	11.090	126	84140	10.636	ug/l	100
77) tert-Butylbenzene	11.412	119	286405	10.714	ug/l	100
78) 1,2,4-Trimethylbenzene	11.460	105	300364	10.824	ug/l	100
79) sec-Butylbenzene	11.634	105	386577	10.724	ug/l	100
80) Nitrobenzene	13.203	77	6826	50.800	ug/l	100
81) p-Isopropyltoluene	11.785	119	325219	10.808	ug/l	100
82) 1,3-Dichlorobenzene	11.737	146	160312	10.603	ug/l	100
83) 1,4-Dichlorobenzene	11.830	146	161963	10.702	ug/l	100
84) n-Butylbenzene	12.200	91	308761	11.063	ug/l	100
85) 1,2-Dichlorobenzene	12.206	146	152208	10.716	ug/l	100
86) 1,2-Dibromo-3-Chloropr...	12.987	75	10205	10.093	ug/l	100
87) 1,2,4-Trichlorobenzene	13.833	180	98105	11.107	ug/l	100
88) Hexachlorobutadiene	14.013	225	53764	10.718	ug/l	100
89) Naphthalene	14.080	128	173115	10.937	ug/l	100
90) 1,2,3-Trichlorobenzene	14.322	180	89908	11.015	ug/l	100

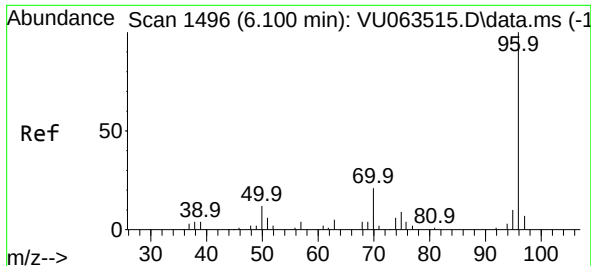
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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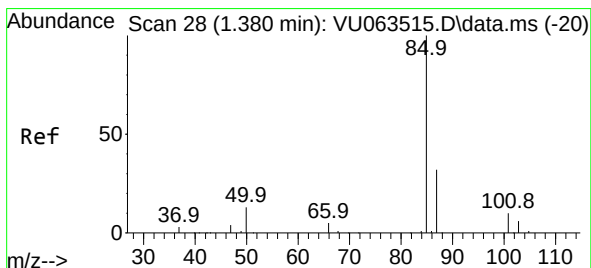
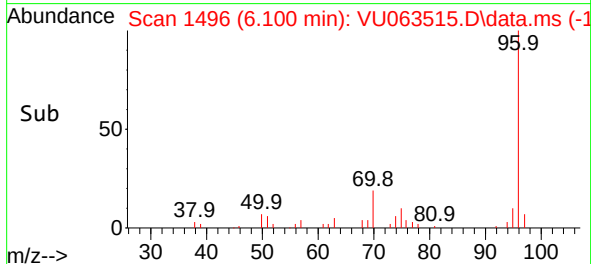
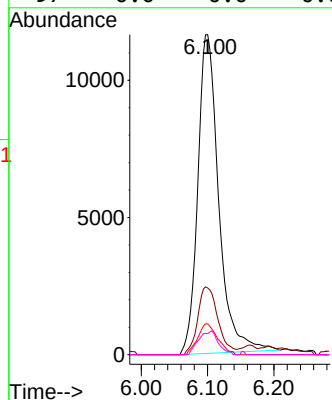
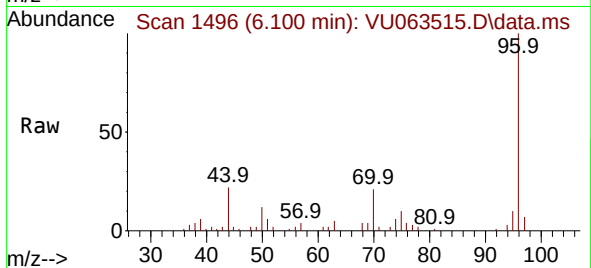




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.100 min Scan# 1496
Delta R.T. 0.000 min
Lab File: VU063515.D
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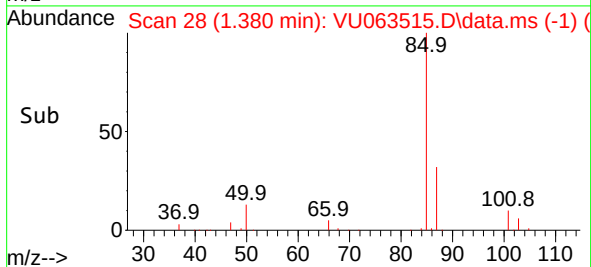
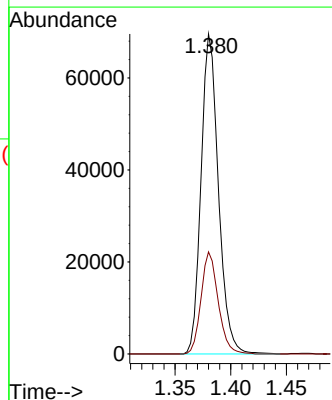
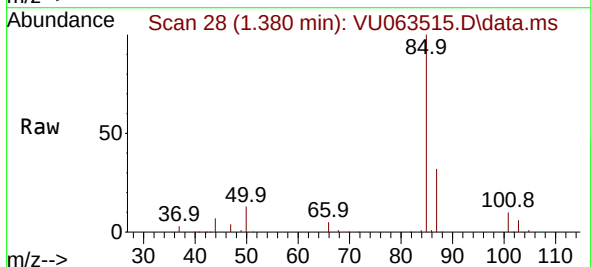
Instrument :
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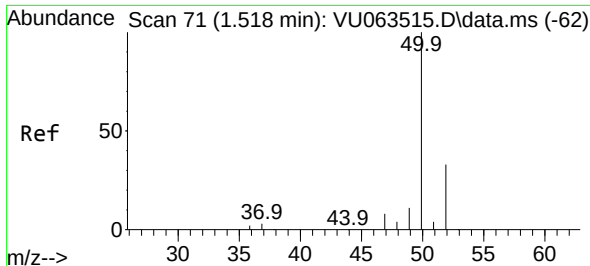
Tgt Ion:	96	Resp:	25507
Ion	Ratio	Lower	Upper
96	100		
70	18.7	15.0	22.4
95	9.2	7.4	11.0
97	0.0	0.0	0.0



#2
Dichlorodifluoromethane
Concen: 10.049 ug/l
RT: 1.380 min Scan# 28
Delta R.T. 0.000 min
Lab File: VU063515.D
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Tgt Ion:	85	Resp:	75576
Ion	Ratio	Lower	Upper
85	100		
87	31.9	16.0	47.9

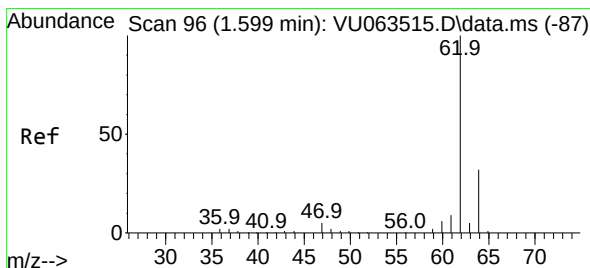
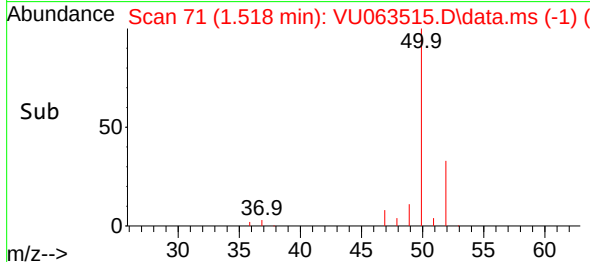
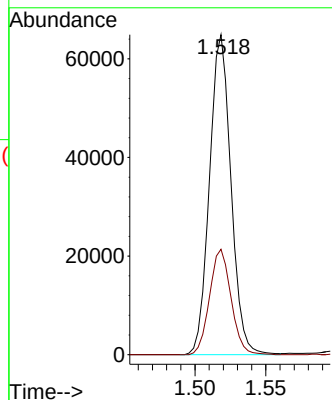
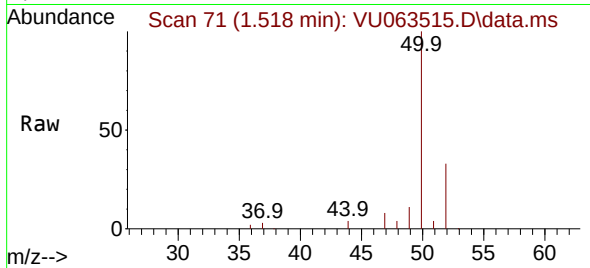




#3
Chloromethane
Concen: 9.784 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

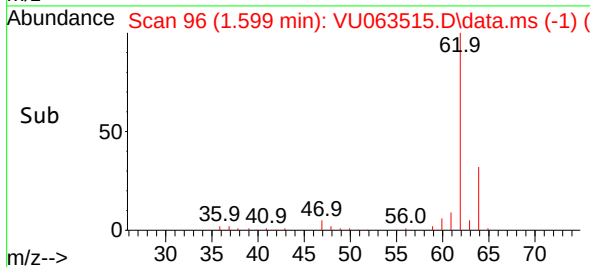
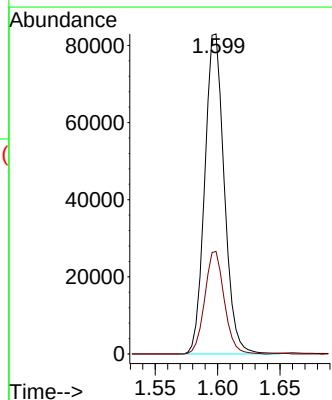
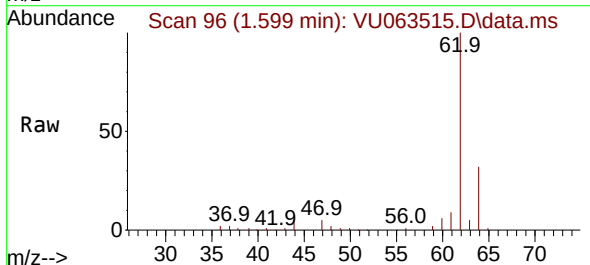
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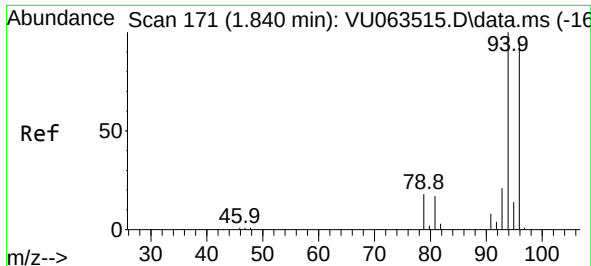
Tgt Ion: 50 Resp: 68401
Ion Ratio Lower Upper
50 100
52 32.9 26.3 39.5



#4
Vinyl Chloride
Concen: 10.162 ug/l
RT: 1.599 min Scan# 96
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

Tgt Ion: 62 Resp: 90489
Ion Ratio Lower Upper
62 100
64 32.1 25.7 38.5

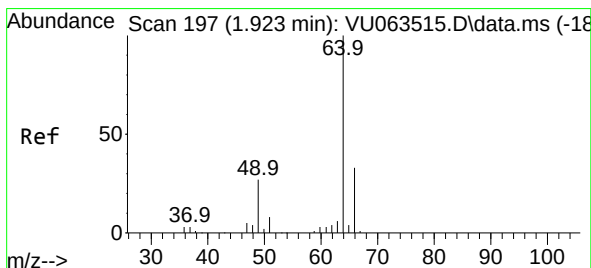
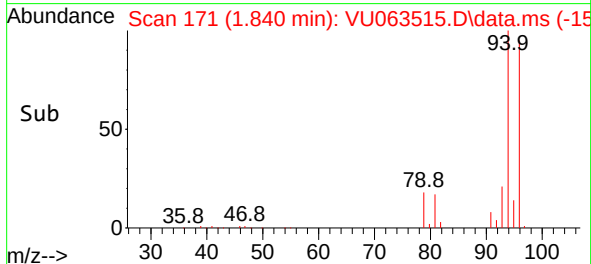
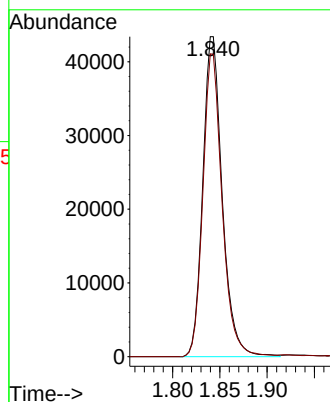
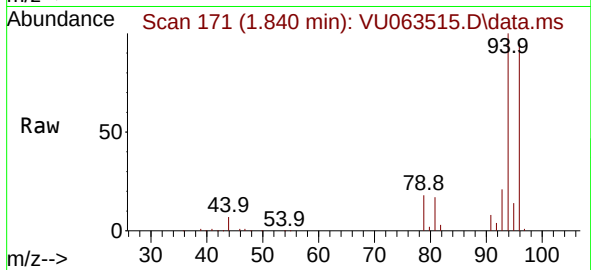




#5
Bromomethane
Concen: 9.251 ug/l
RT: 1.840 min Scan# 171
Delta R.T. 0.000 min
Lab File: VU063515.D
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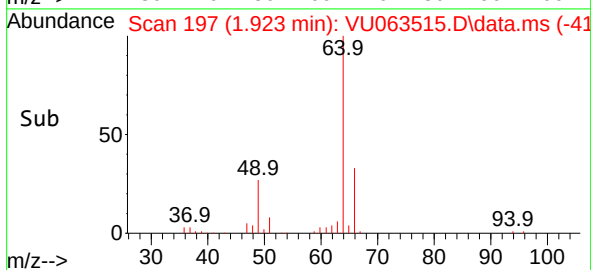
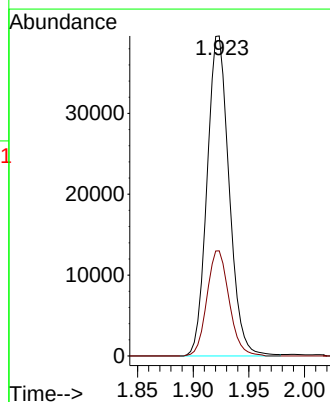
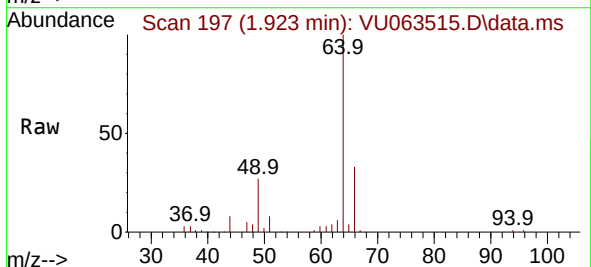
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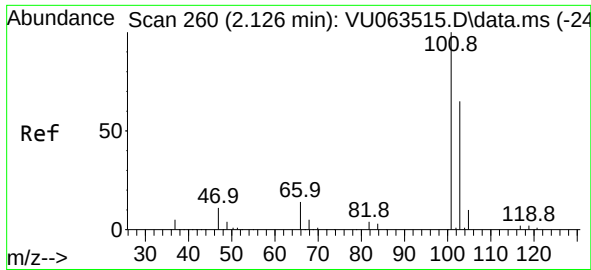
Tgt Ion: 94 Resp: 62116
Ion Ratio Lower Upper
94 100
96 94.7 75.8 113.6



#6
Chloroethane
Concen: 10.156 ug/l
RT: 1.923 min Scan# 197
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

Tgt Ion: 64 Resp: 54599
Ion Ratio Lower Upper
64 100
66 32.8 26.2 39.4

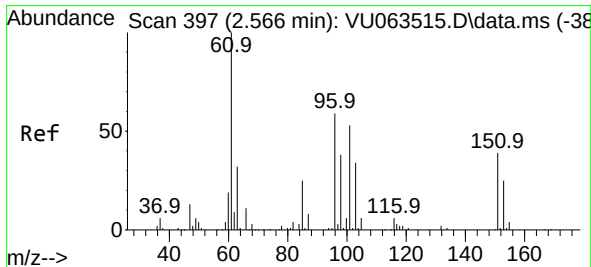
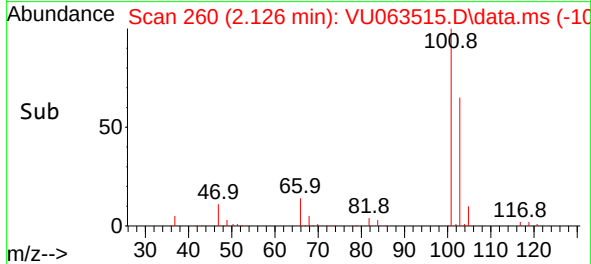
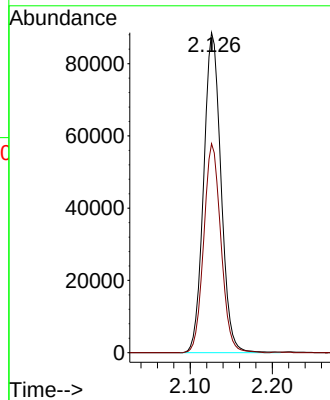
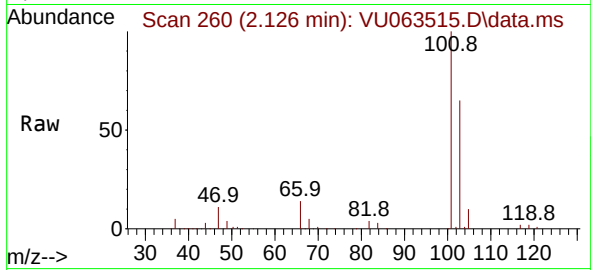




#7
Trichlorofluoromethane
Concen: 10.161 ug/l
RT: 2.126 min Scan# 260
Delta R.T. 0.000 min
Lab File: VU063515.D
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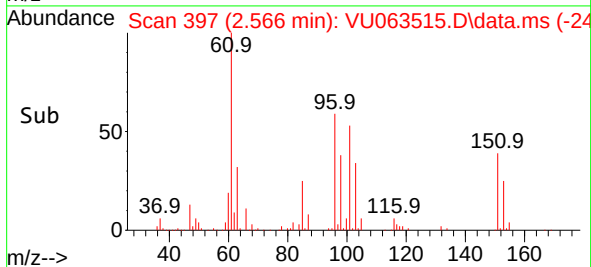
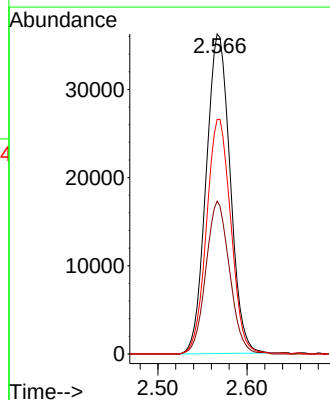
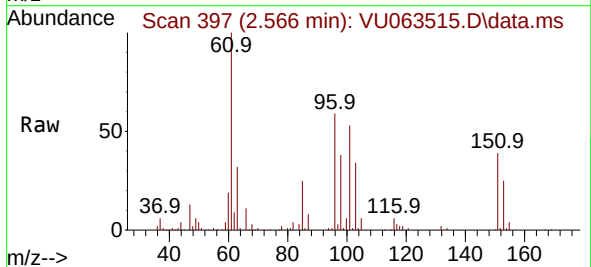
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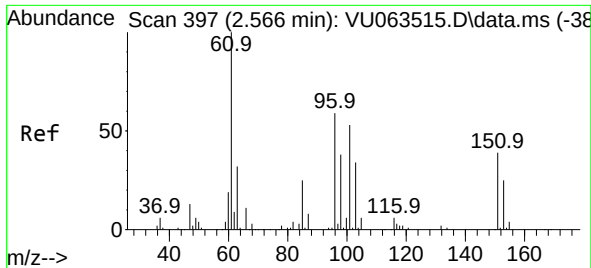
Tgt Ion:101 Resp: 129904
Ion Ratio Lower Upper
101 100
103 65.3 52.2 78.4



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 10.156 ug/l
RT: 2.566 min Scan# 397
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

Tgt Ion:101 Resp: 67855
Ion Ratio Lower Upper
101 100
85 47.2 37.8 56.6
151 74.0 59.2 88.8

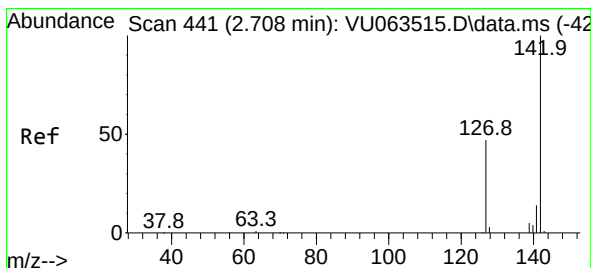
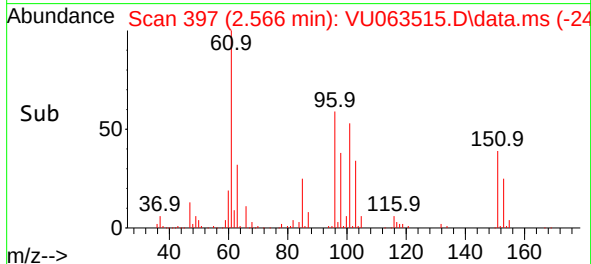
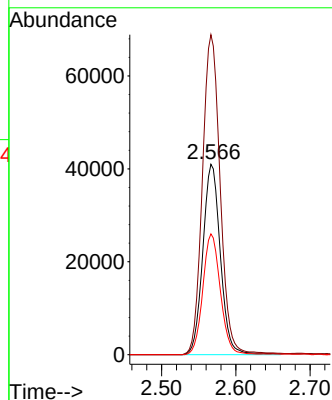
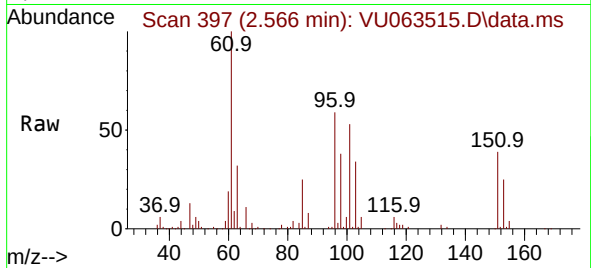




#9
1,1-Dichloroethene
Concen: 10.205 ug/l
RT: 2.566 min Scan# 397
Delta R.T. 0.000 min
Lab File: VU063515.D
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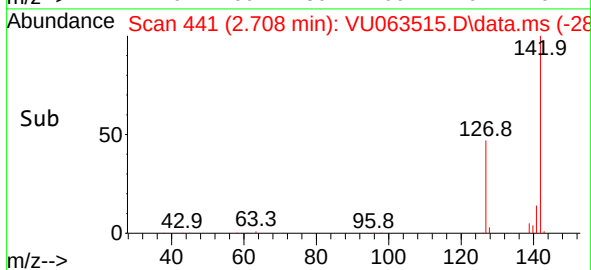
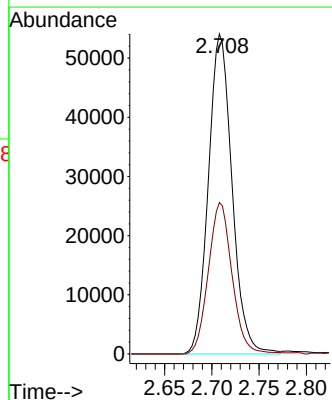
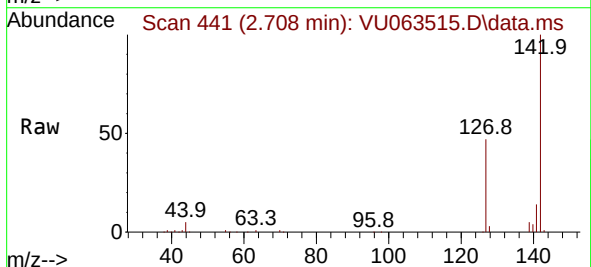
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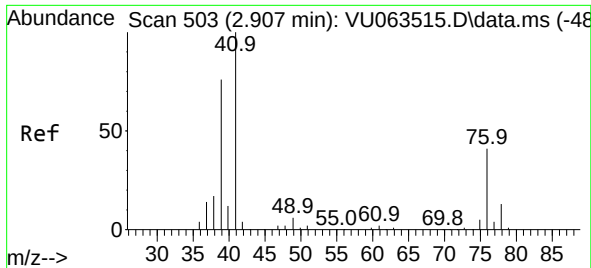
Tgt Ion: 96 Resp: 67577
Ion Ratio Lower Upper
96 100
61 168.1 0.0 504.3
98 63.4 0.0 126.8



#10
Iodomethane
Concen: 9.560 ug/l
RT: 2.708 min Scan# 441
Delta R.T. -0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

Tgt Ion: 142 Resp: 94216
Ion Ratio Lower Upper
142 100
127 47.4 37.9 56.9

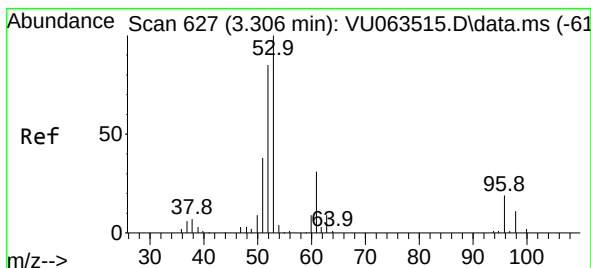
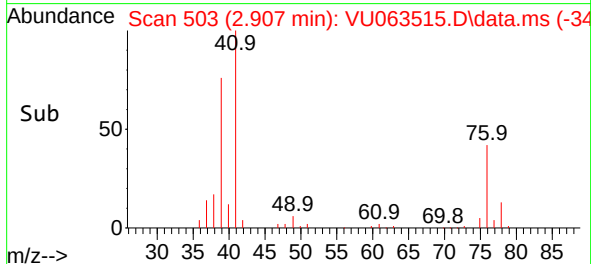
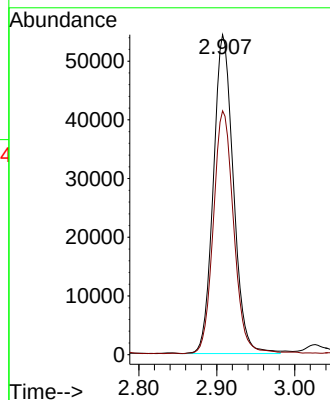
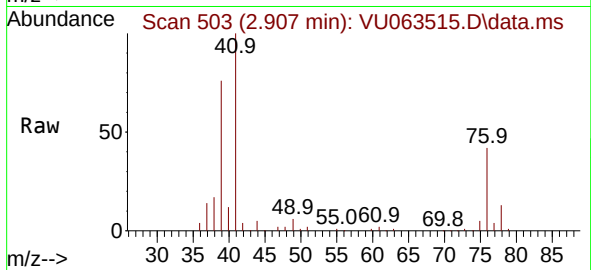




#11
 Allyl Chloride
 Concen: 10.172 ug/l
 RT: 2.907 min Scan# 503
 Delta R.T. 0.000 min
 Lab File: VU063515.D
 Acq: 16 Jul 2025 11:37

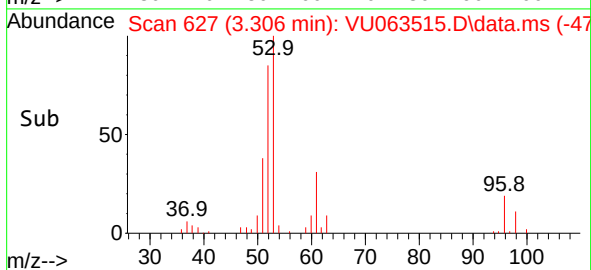
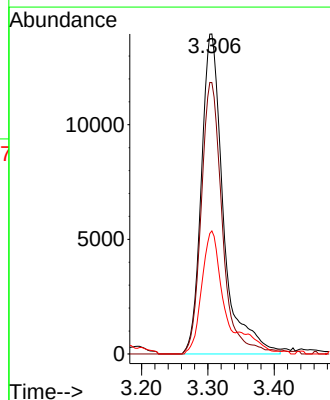
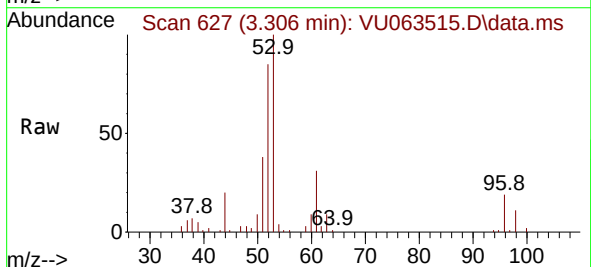
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

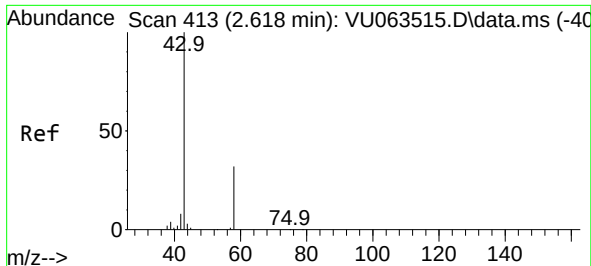
Tgt Ion: 41 Resp: 97312
 Ion Ratio Lower Upper
 41 100
 39 76.9 61.5 92.3



#12
 Acrylonitrile
 Concen: 19.501 ug/l
 RT: 3.306 min Scan# 627
 Delta R.T. 0.000 min
 Lab File: VU063515.D
 Acq: 16 Jul 2025 11:37

Tgt Ion: 53 Resp: 32316
 Ion Ratio Lower Upper
 53 100
 52 80.4 64.3 96.5
 51 34.8 27.8 41.8





#13

Acetone

Concen: 48.044 ug/l

RT: 2.618 min Scan# 413

Delta R.T. 0.000 min

Lab File: VU063515.D

Acq: 16 Jul 2025 11:37

Instrument :

MSVOA_U

ClientSampleId :

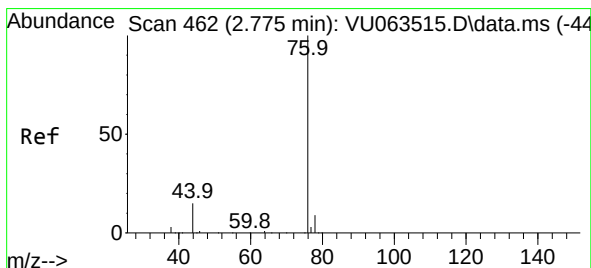
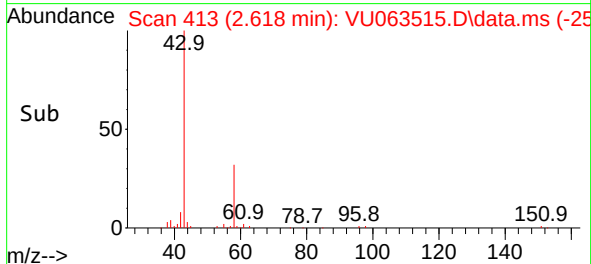
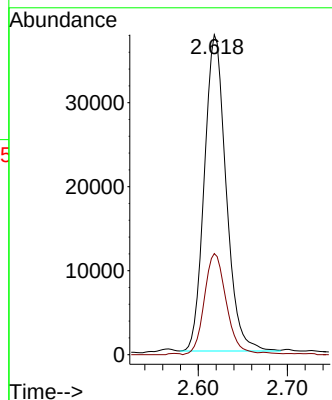
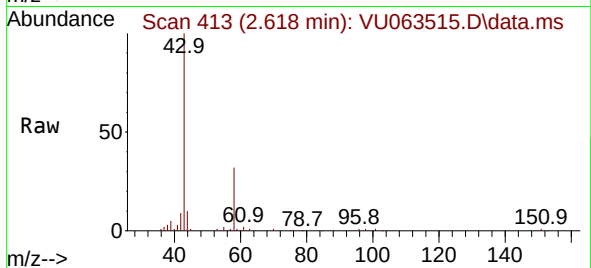
VSTDICCC010

Tgt Ion: 43 Resp: 63754

Ion Ratio Lower Upper

43 100

58 31.7 25.4 38.0



#14

Carbon Disulfide

Concen: 10.270 ug/l

RT: 2.775 min Scan# 462

Delta R.T. 0.000 min

Lab File: VU063515.D

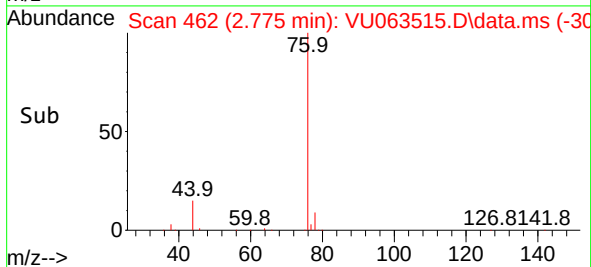
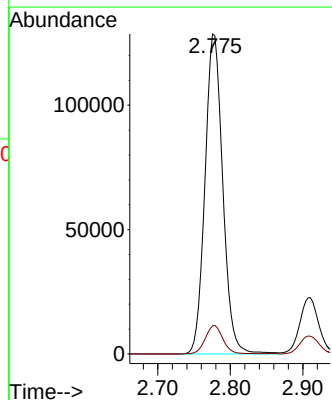
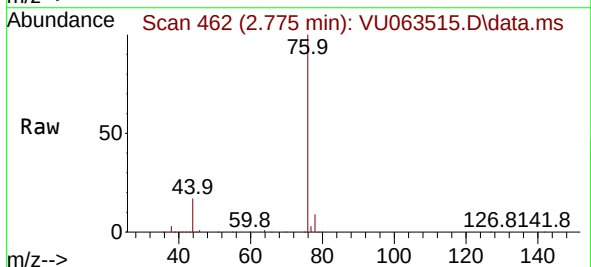
Acq: 16 Jul 2025 11:37

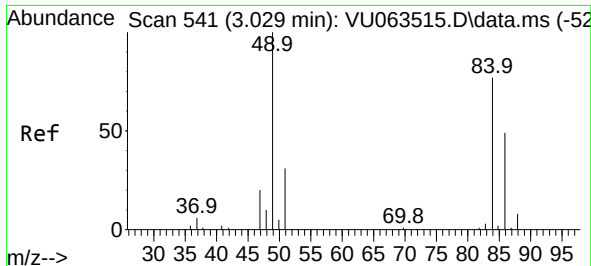
Tgt Ion: 76 Resp: 219662

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.6

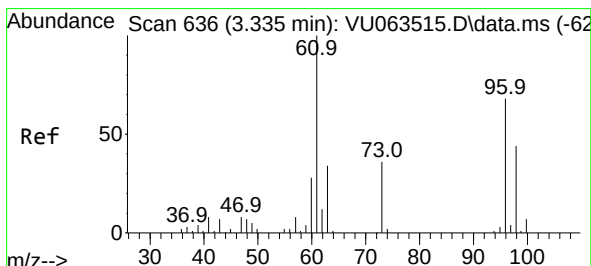
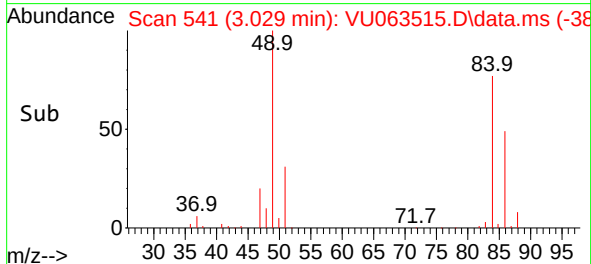
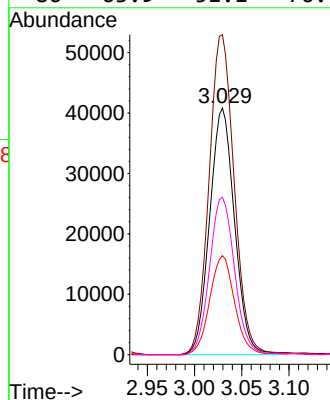
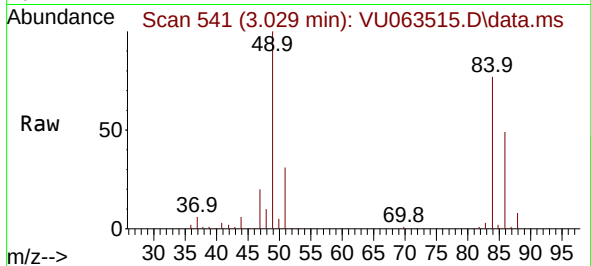




#15
Methylene Chloride
Concen: 9.590 ug/l
RT: 3.029 min Scan# 541
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

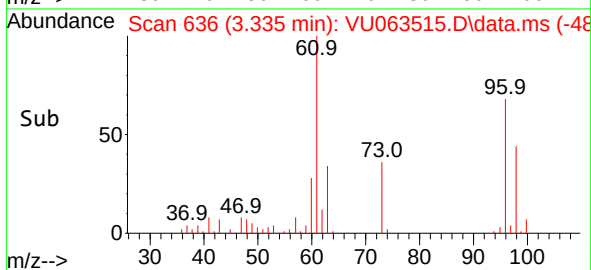
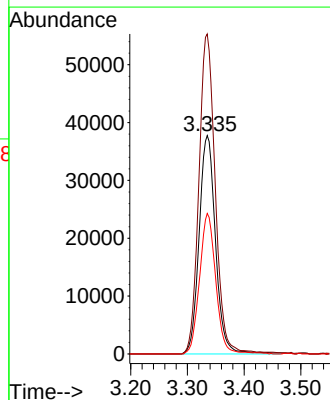
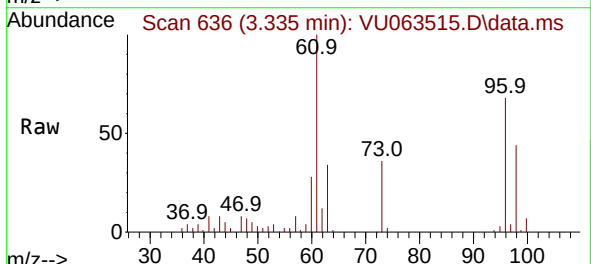
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

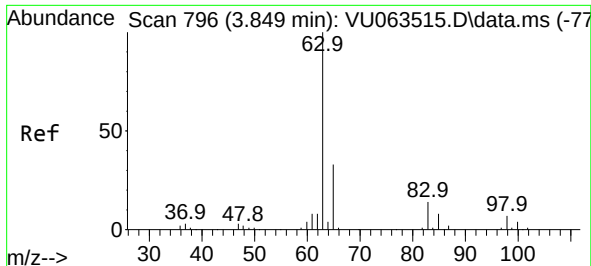
Tgt Ion:	84	Resp:	74766
Ion	Ratio	Lower	Upper
84	100		
49	129.8	103.8	155.8
51	40.2	0.0	80.4
86	63.9	51.1	76.7



#16
trans-1,2-Dichloroethene
Concen: 10.120 ug/l
RT: 3.335 min Scan# 636
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

Tgt Ion:	96	Resp:	76110
Ion	Ratio	Lower	Upper
96	100		
61	146.5	117.2	175.8
98	64.3	51.4	77.2

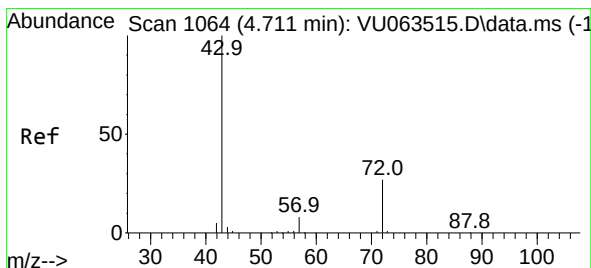
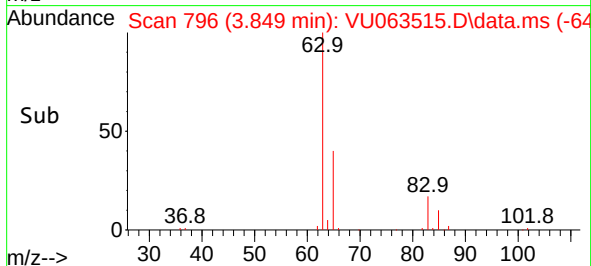
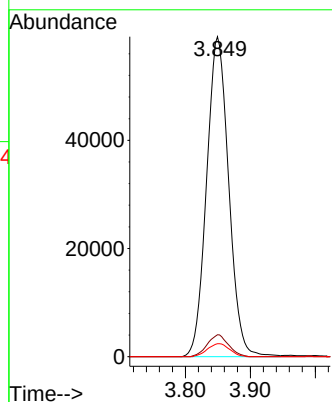
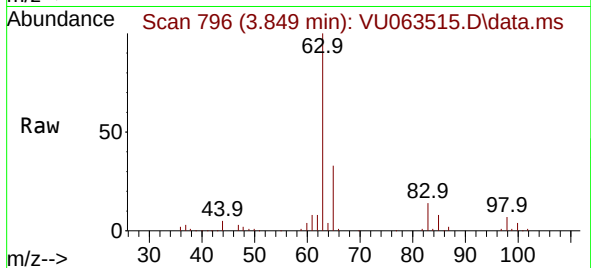




#17
 1,1-Dichloroethane
 Concen: 10.042 ug/l
 RT: 3.849 min Scan# 796
 Delta R.T. 0.000 min
 Lab File: VU063515.D
 Acq: 16 Jul 2025 11:37

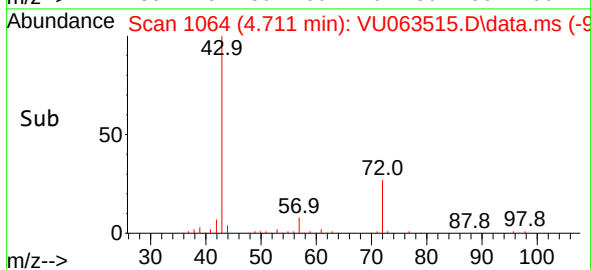
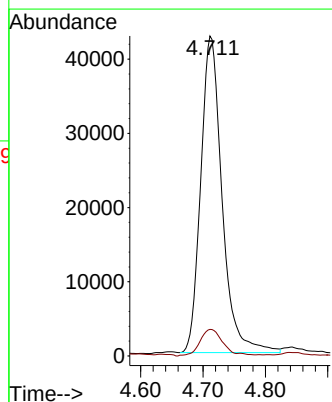
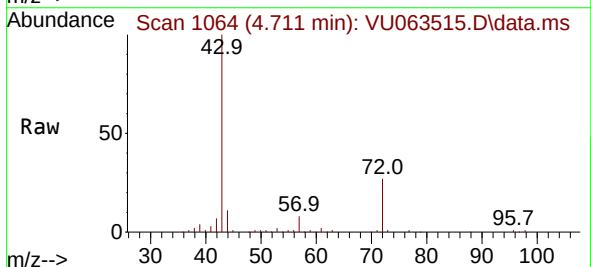
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

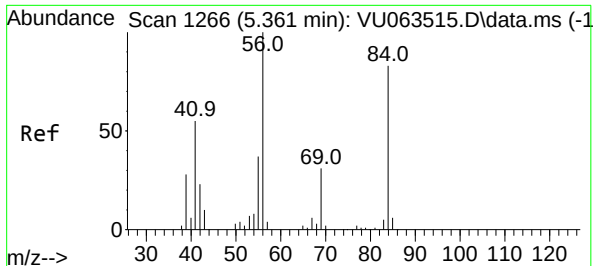
Tgt Ion: 63 Resp: 139986
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.2
 100 4.1 2.1 6.2



#18
 2-Butanone
 Concen: 49.509 ug/l
 RT: 4.711 min Scan# 1064
 Delta R.T. 0.000 min
 Lab File: VU063515.D
 Acq: 16 Jul 2025 11:37

Tgt Ion: 43 Resp: 101743
 Ion Ratio Lower Upper
 43 100
 57 8.2 0.0 16.4

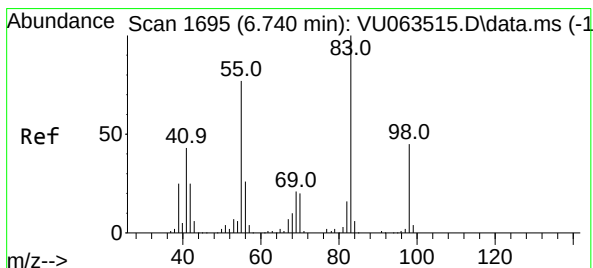
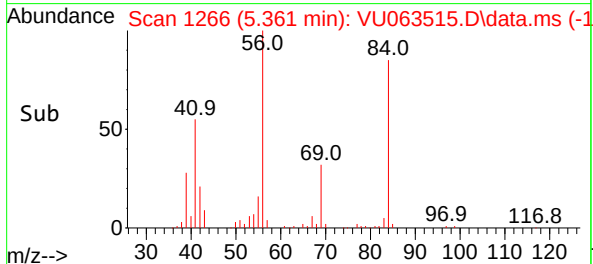
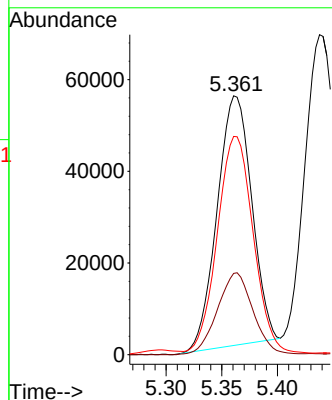
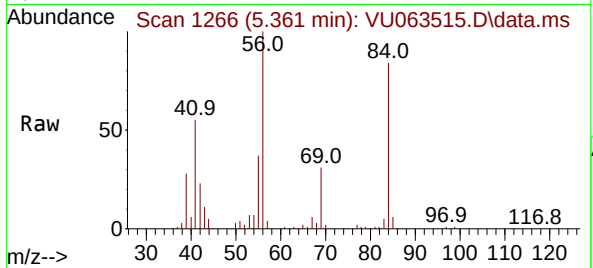




#19
Cyclohexane
Concen: 9.980 ug/l
RT: 5.361 min Scan# 1266
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

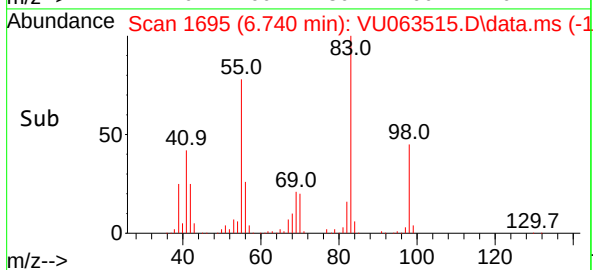
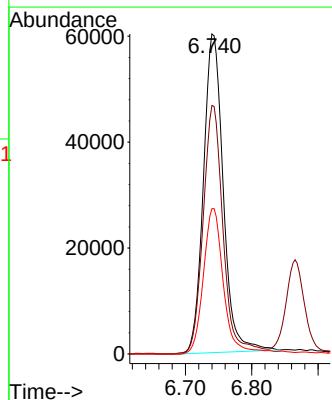
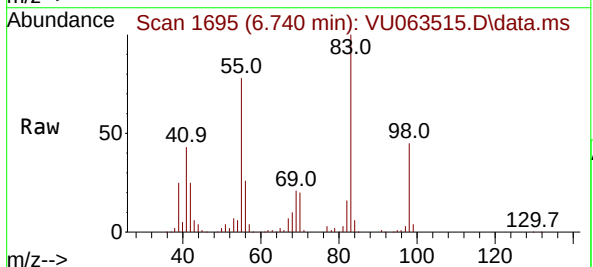
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

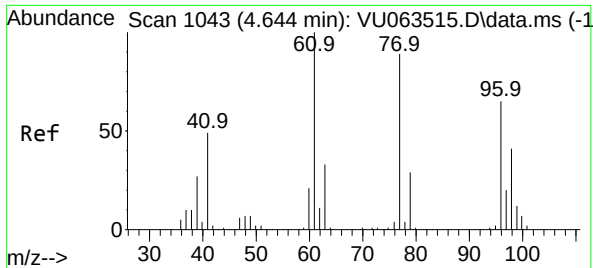
Tgt Ion: 56 Resp: 117794
Ion Ratio Lower Upper
56 100
69 33.2 26.6 39.8
84 88.7 71.0 106.4



#20
Methylcyclohexane
Concen: 10.893 ug/l
RT: 6.740 min Scan# 1695
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

Tgt Ion: 83 Resp: 124959
Ion Ratio Lower Upper
83 100
55 75.7 60.6 90.8
98 44.8 35.8 53.8

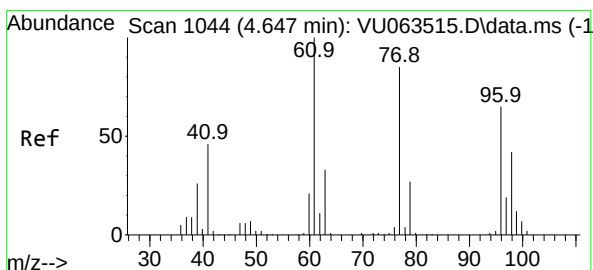
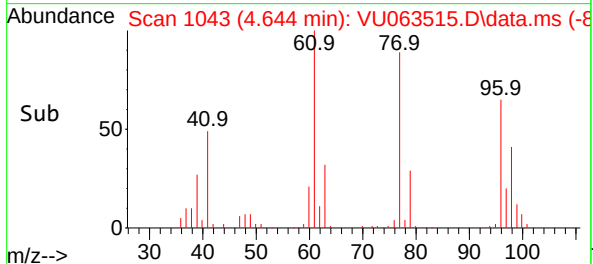
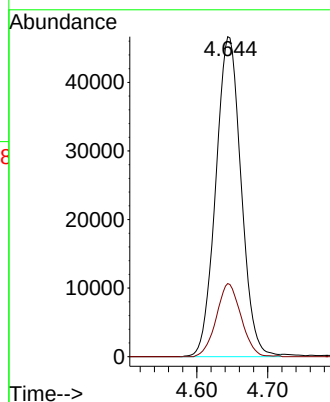
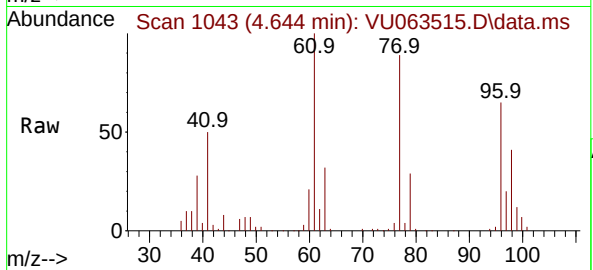




#21
2,2-Dichloropropane
Concen: 9.757 ug/l
RT: 4.644 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

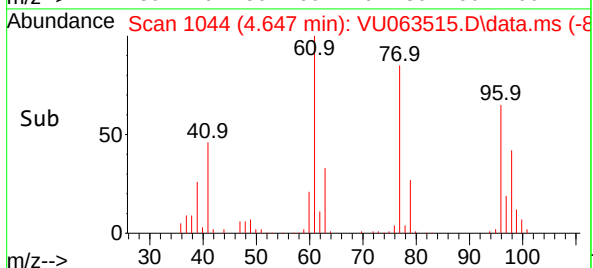
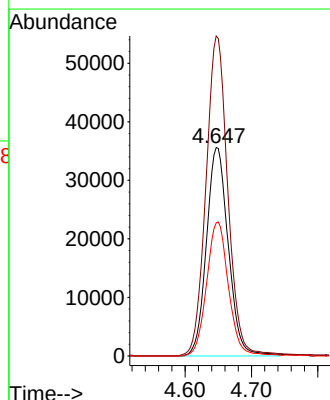
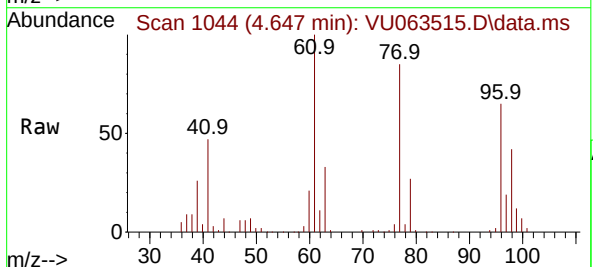
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

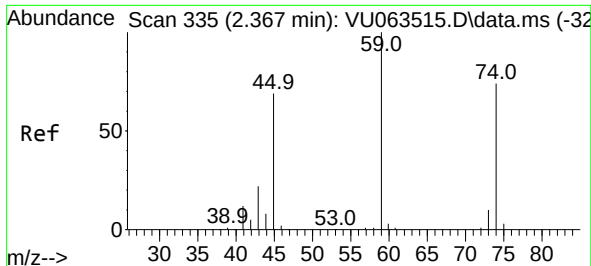
Tgt Ion: 77 Resp: 115814
Ion Ratio Lower Upper
77 100
97 22.3 17.8 26.8



#22
cis-1,2-Dichloroethene
Concen: 10.012 ug/l
RT: 4.647 min Scan# 1044
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

Tgt Ion: 96 Resp: 81707
Ion Ratio Lower Upper
96 100
61 153.9 0.0 384.7
98 64.2 32.1 96.3





#23

Diethyl Ether

Concen: 10.428 ug/l

RT: 2.367 min Scan# 335

Delta R.T. 0.000 min

Lab File: VU063515.D

Acq: 16 Jul 2025 11:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

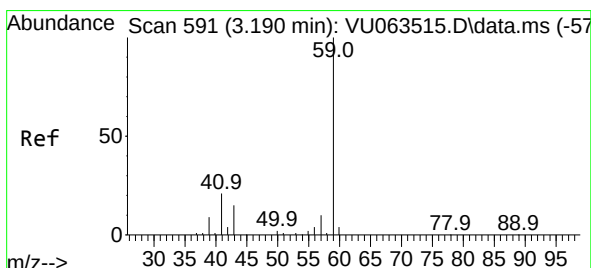
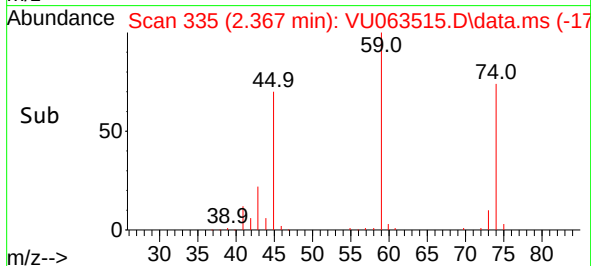
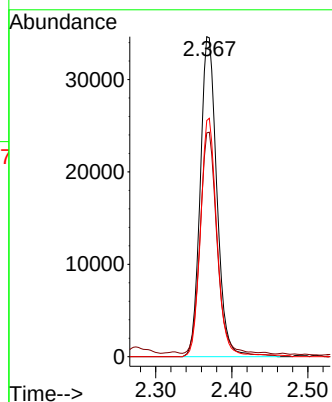
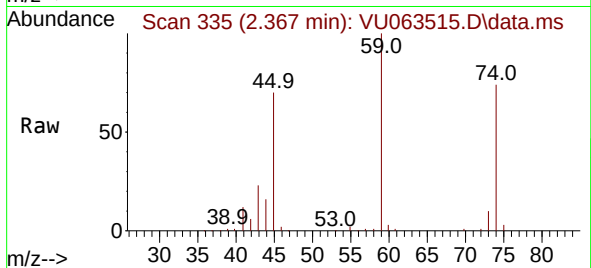
Tgt Ion: 59 Resp: 52619

Ion Ratio Lower Upper

59 100

45 68.9 55.1 82.7

74 72.8 58.2 87.4



#24

tert-Butyl Alcohol

Concen: 100.062 ug/l

RT: 3.190 min Scan# 591

Delta R.T. 0.000 min

Lab File: VU063515.D

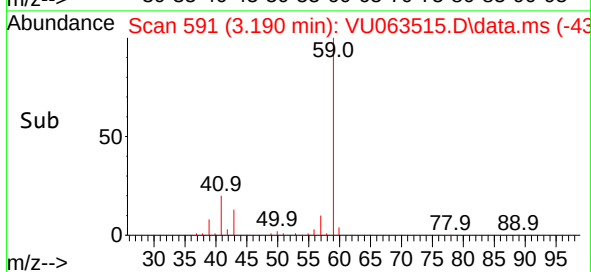
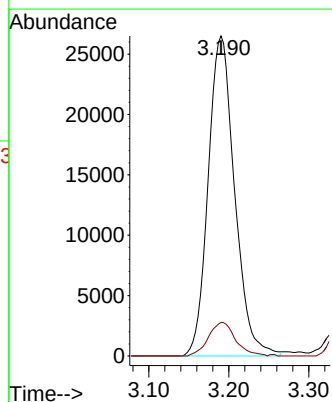
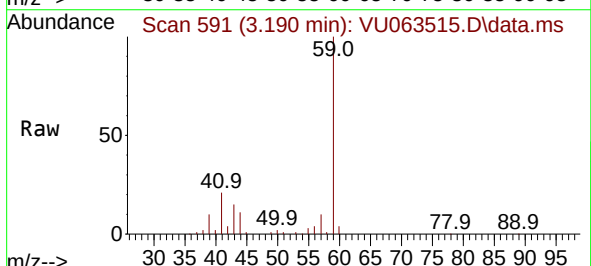
Acq: 16 Jul 2025 11:37

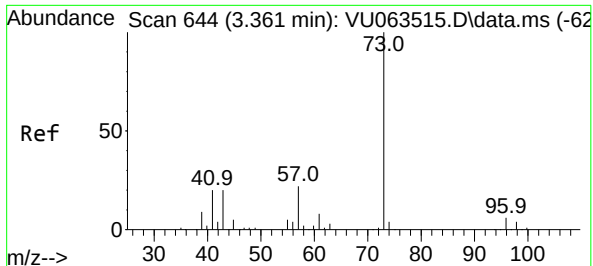
Tgt Ion: 59 Resp: 60952

Ion Ratio Lower Upper

59 100

57 10.7 8.6 12.8

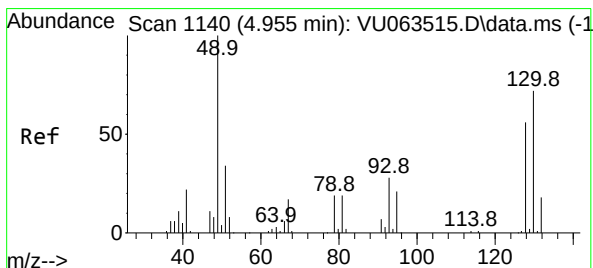
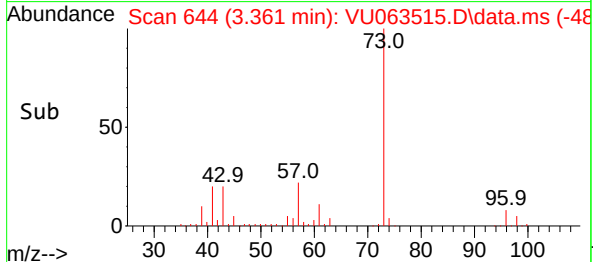
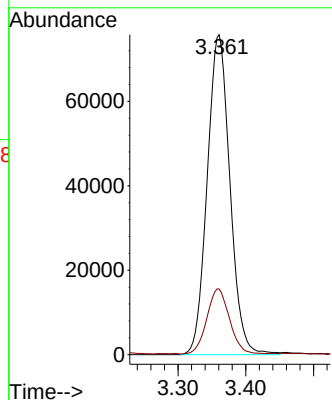
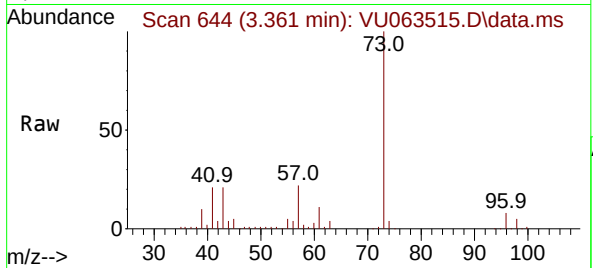




#25
Methyl tert-Butyl Ether
Concen: 10.218 ug/l
RT: 3.361 min Scan# 644
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

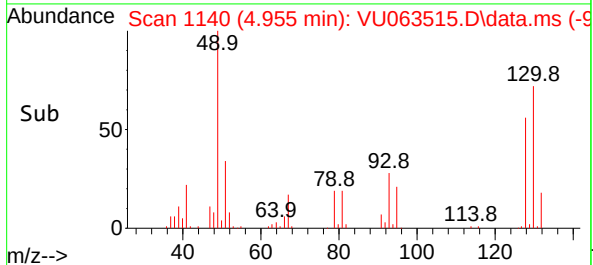
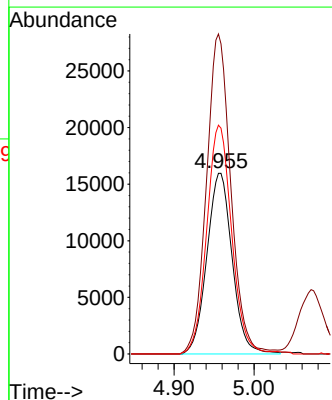
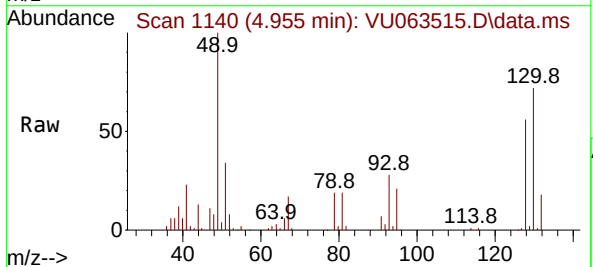
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

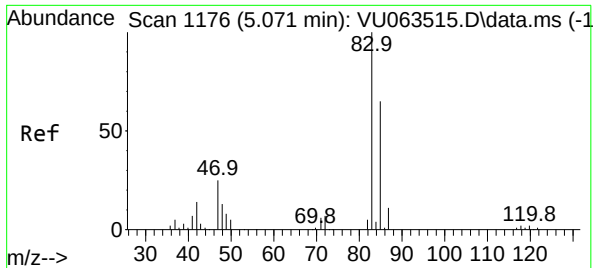
Tgt Ion: 73 Resp: 176642
Ion Ratio Lower Upper
73 100
43 20.2 16.2 24.2



#26
Bromochloromethane
Concen: 10.293 ug/l
RT: 4.955 min Scan# 1140
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

Tgt Ion: 128 Resp: 35072
Ion Ratio Lower Upper
128 100
49 170.4 0.0 340.8
130 125.6 100.5 150.7





#27

Chloroform

Concen: 9.805 ug/l

RT: 5.071 min Scan# 1176

Delta R.T. 0.000 min

Lab File: VU063515.D

Acq: 16 Jul 2025 11:37

Instrument :

MSVOA_U

ClientSampleId :

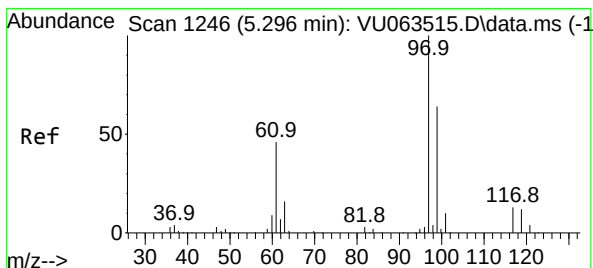
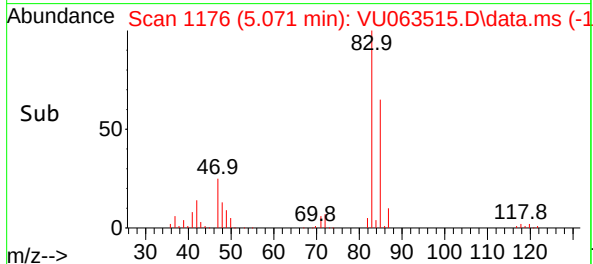
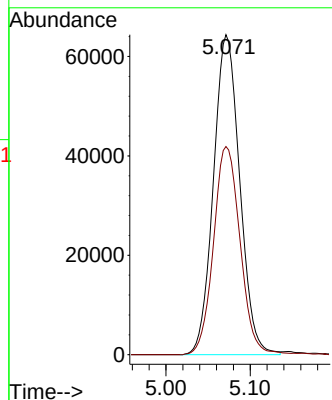
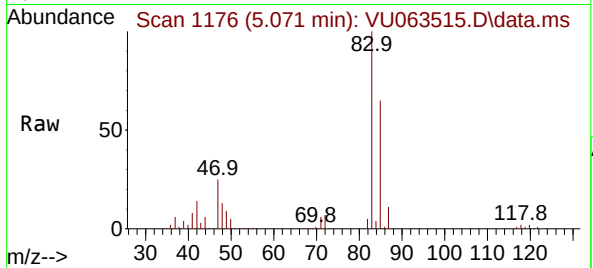
VSTDICCC010

Tgt Ion: 83 Resp: 139474

Ion Ratio Lower Upper

83 100

85 65.0 0.0 130.0



#28

1,1,1-Trichloroethane

Concen: 10.174 ug/l

RT: 5.296 min Scan# 1246

Delta R.T. 0.000 min

Lab File: VU063515.D

Acq: 16 Jul 2025 11:37

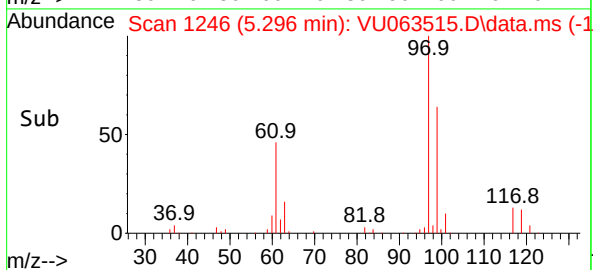
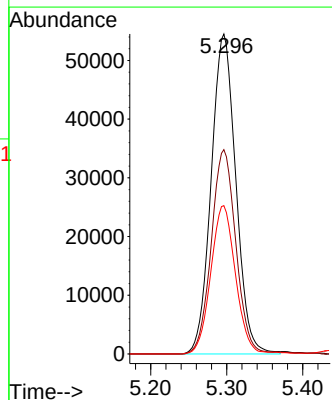
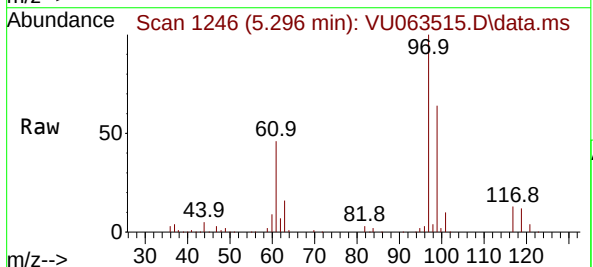
Tgt Ion: 97 Resp: 122824

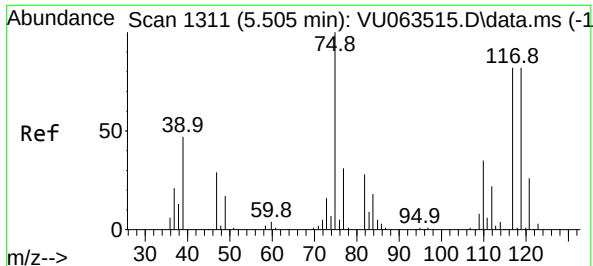
Ion Ratio Lower Upper

97 100

99 63.5 31.8 95.3

61 46.6 23.3 69.9





#29

1,1-Dichloropropene

Concen: 9.894 ug/l

RT: 5.505 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU063515.D

Acq: 16 Jul 2025 11:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

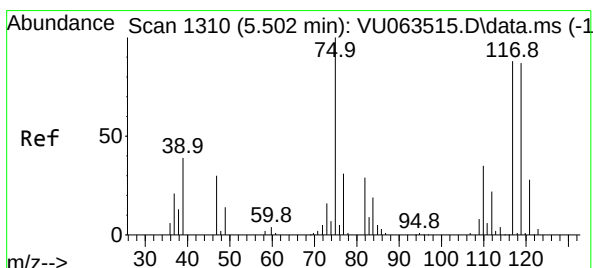
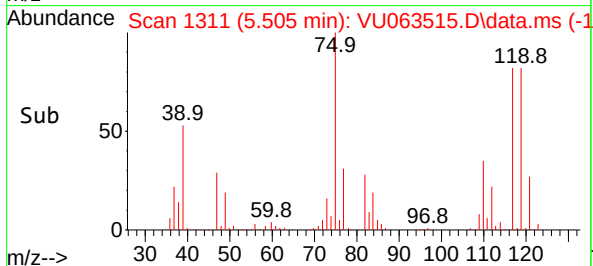
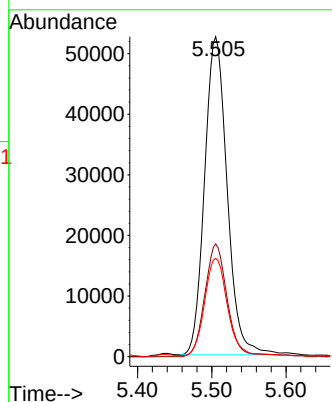
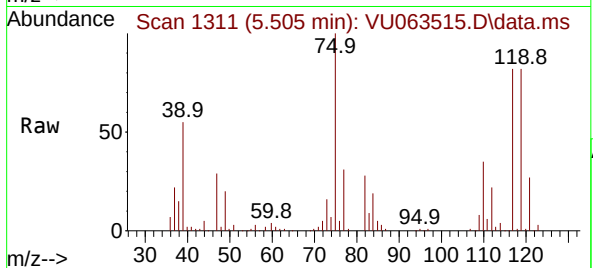
Tgt Ion: 75 Resp: 110654

Ion Ratio Lower Upper

75 100

110 35.6 17.8 53.4

77 30.8 24.6 37.0



#30

Carbon Tetrachloride

Concen: 10.277 ug/l

RT: 5.502 min Scan# 1310

Delta R.T. 0.000 min

Lab File: VU063515.D

Acq: 16 Jul 2025 11:37

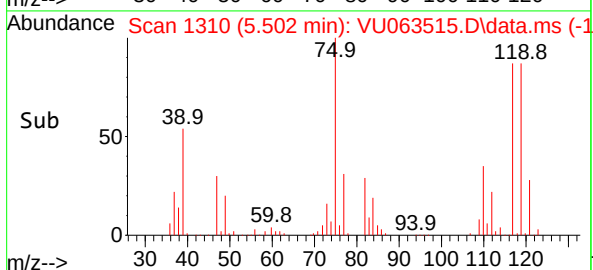
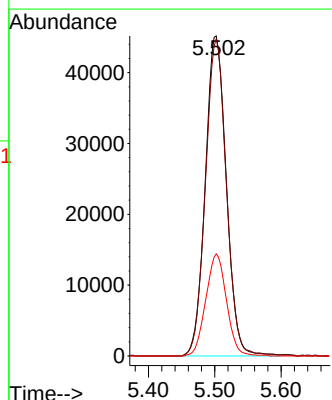
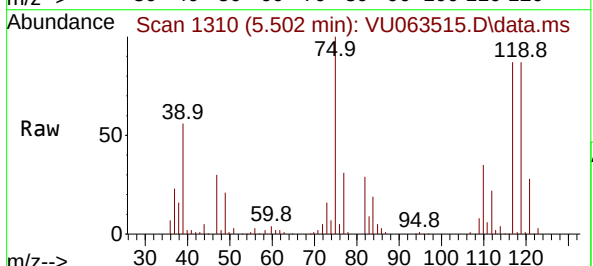
Tgt Ion: 117 Resp: 99861

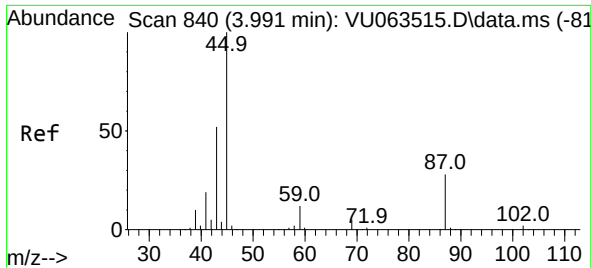
Ion Ratio Lower Upper

117 100

119 99.0 79.2 118.8

121 31.9 25.5 38.3

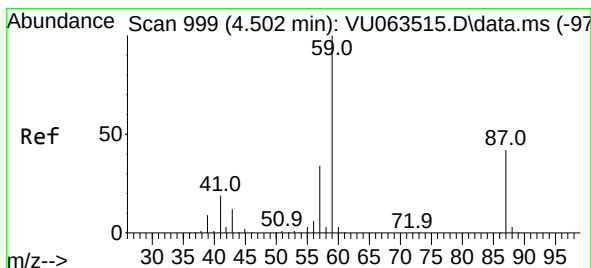
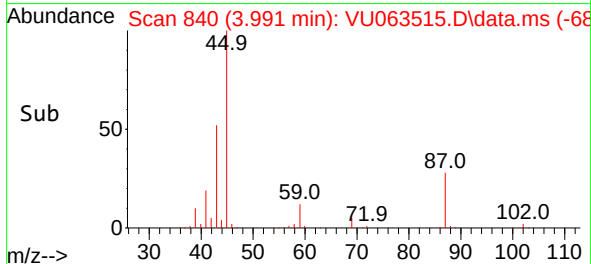
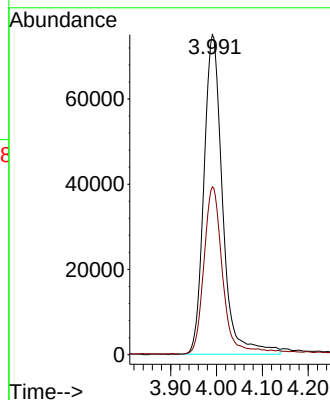
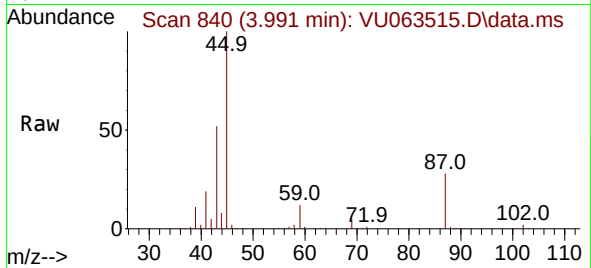




#31
Isopropyl Ether
Concen: 10.078 ug/l
RT: 3.991 min Scan# 840
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

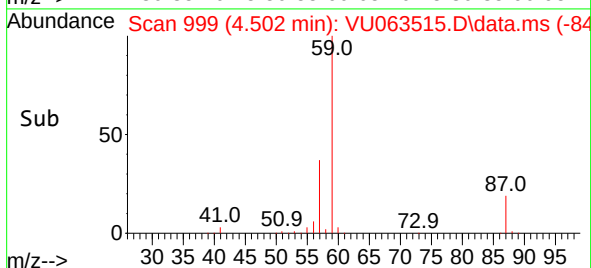
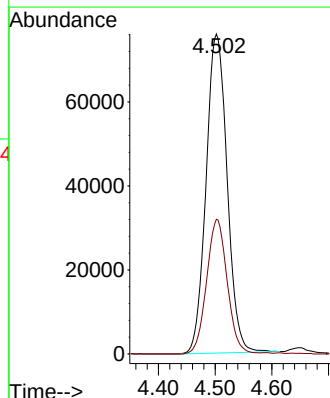
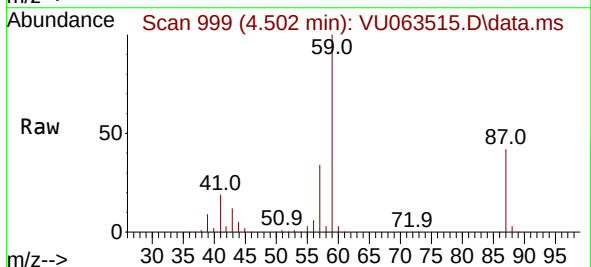
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

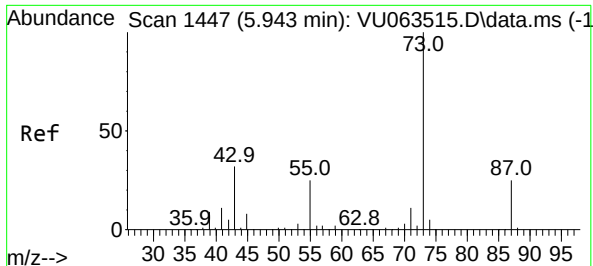
Tgt Ion: 45 Resp: 212065
Ion Ratio Lower Upper
45 100
43 51.3 25.7 77.0



#32
Ethyl-t-butyl ether
Concen: 10.077 ug/l
RT: 4.502 min Scan# 999
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

Tgt Ion: 59 Resp: 196224
Ion Ratio Lower Upper
59 100
87 40.8 32.6 49.0

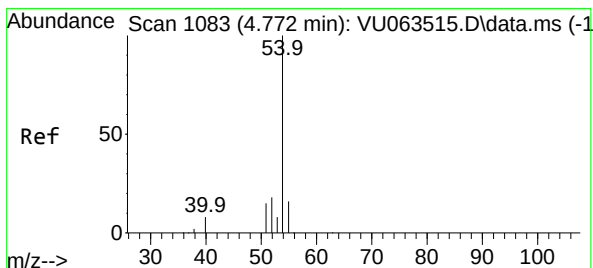
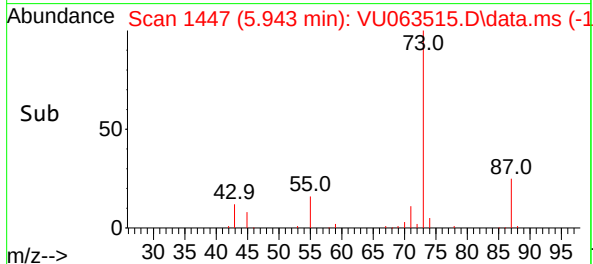
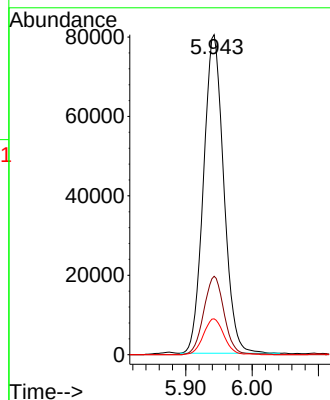
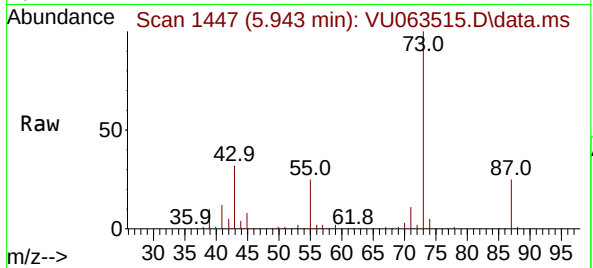




#33
Tert-Amyl methyl ether
Concen: 10.045 ug/l
RT: 5.943 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

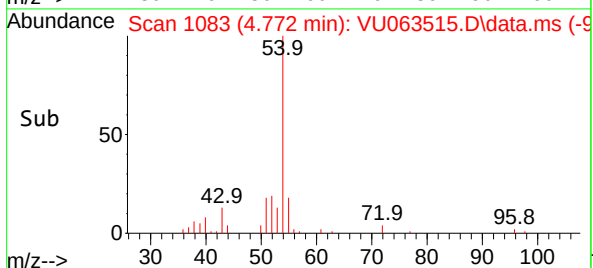
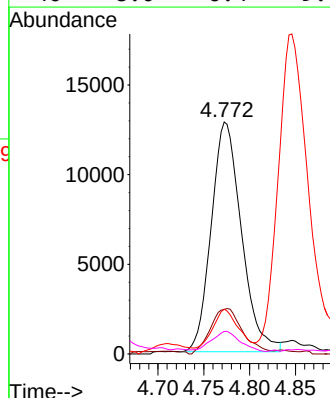
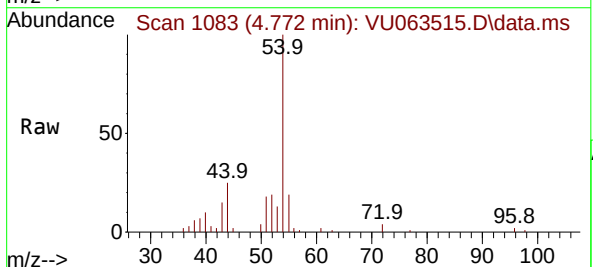
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

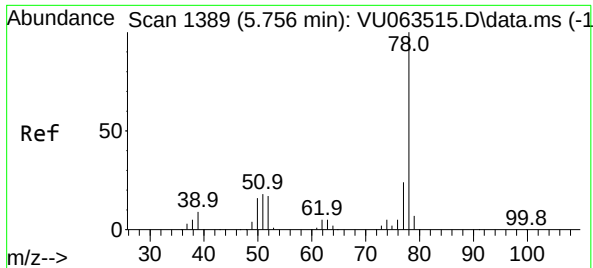
Tgt Ion: 73 Resp: 169757
Ion Ratio Lower Upper
73 100
87 24.3 19.4 29.2
71 11.1 8.9 13.3



#34
Propionitrile
Concen: 46.949 ug/l
RT: 4.772 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

Tgt Ion: 54 Resp: 29396
Ion Ratio Lower Upper
54 100
52 21.2 17.0 25.4
55 17.0 13.6 20.4
40 8.0 6.4 9.6

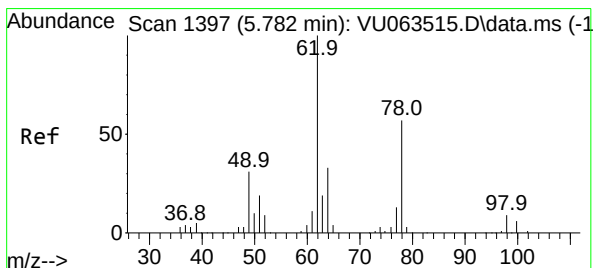
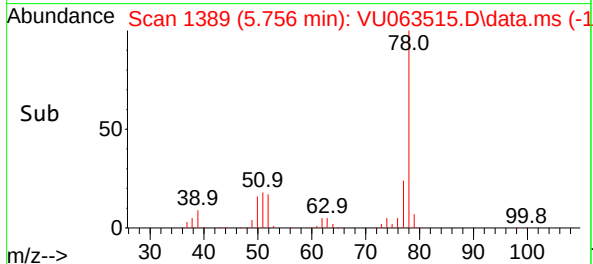
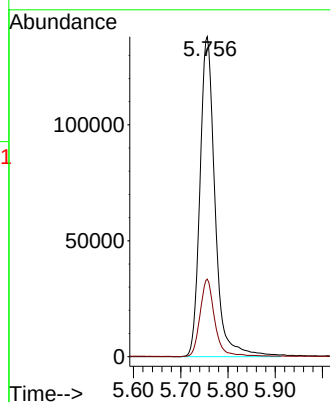
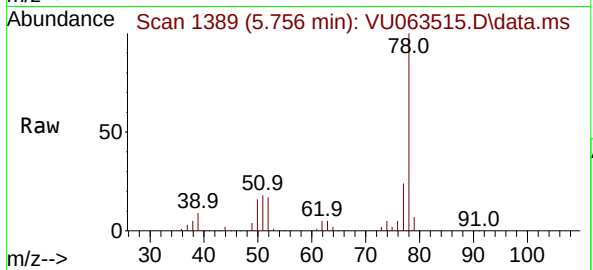




#35
Benzene
Concen: 10.205 ug/l
RT: 5.756 min Scan# 1389
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

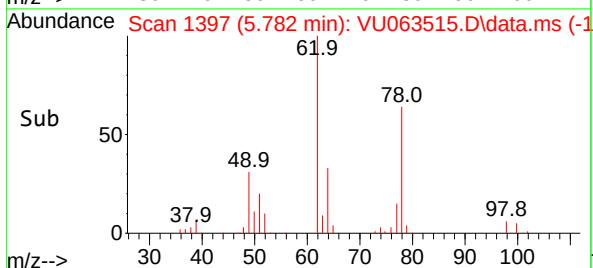
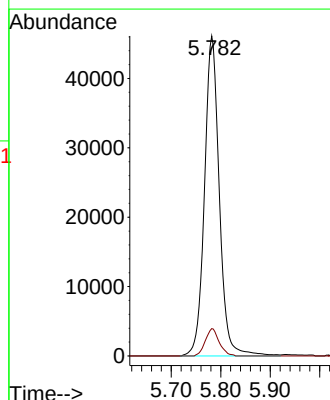
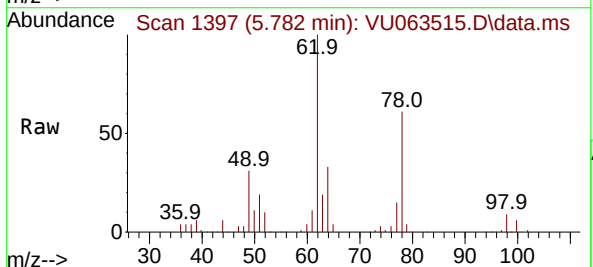
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

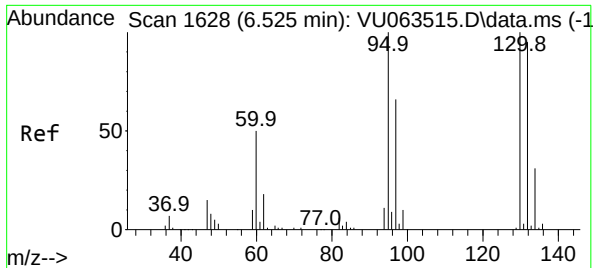
Tgt Ion: 78 Resp: 306660
Ion Ratio Lower Upper
78 100
77 24.3 19.4 29.2



#36
1,2-Dichloroethane
Concen: 10.281 ug/l
RT: 5.782 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

Tgt Ion: 62 Resp: 95989
Ion Ratio Lower Upper
62 100
98 8.0 6.4 9.6

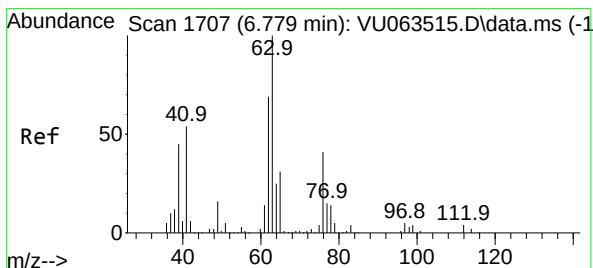
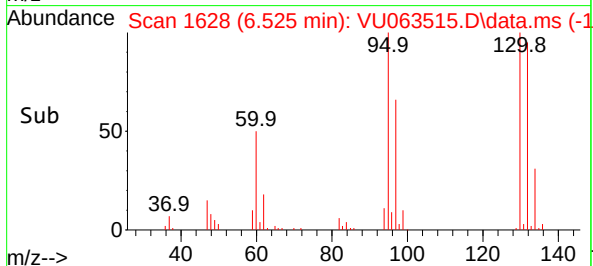
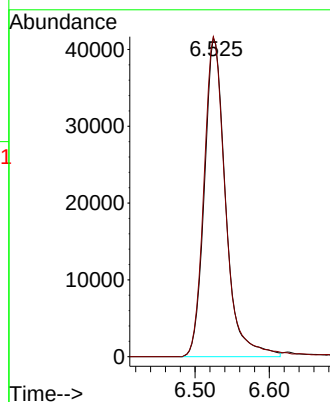
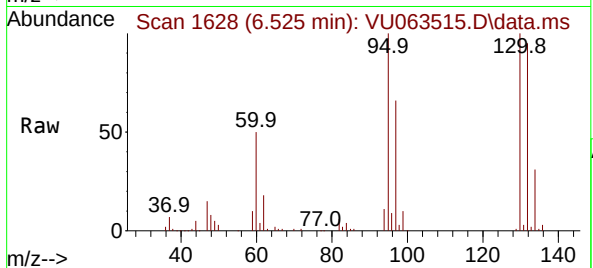




#37
Trichloroethene
Concen: 10.731 ug/l
RT: 6.525 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

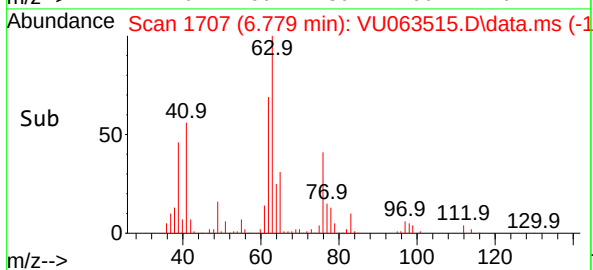
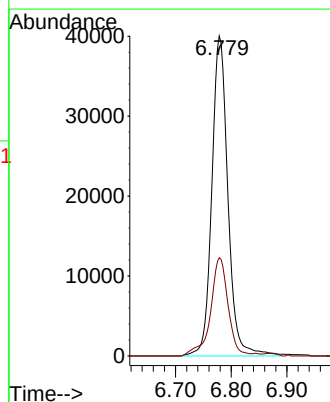
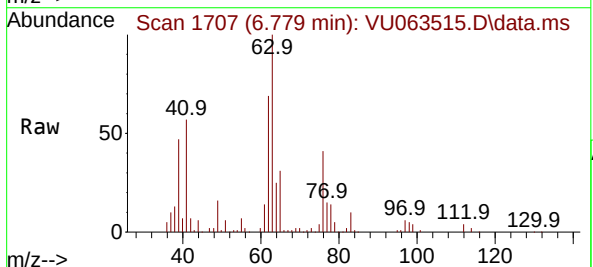
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

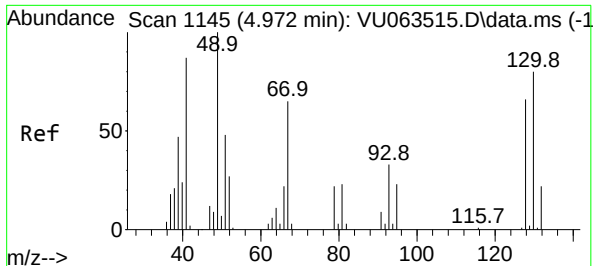
Tgt Ion:130 Resp: 82269
Ion Ratio Lower Upper
130 100
95 100.4 80.3 120.5



#38
1,2-Dichloropropane
Concen: 11.439 ug/l
RT: 6.779 min Scan# 1707
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

Tgt Ion: 63 Resp: 80452
Ion Ratio Lower Upper
63 100
65 30.7 24.6 36.8





#39

Methacrylonitrile

Concen: 9.408 ug/l

RT: 4.972 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VU063515.D

Acq: 16 Jul 2025 11:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 41 Resp: 25859

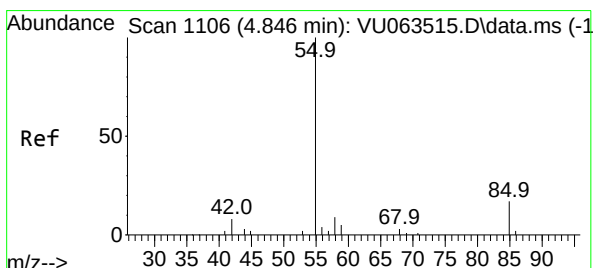
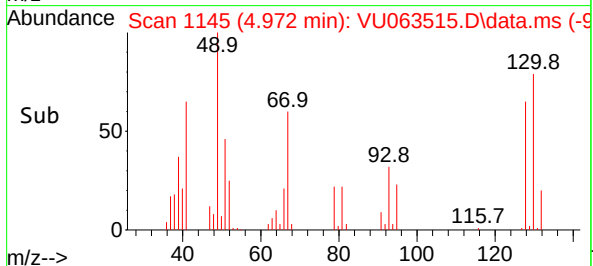
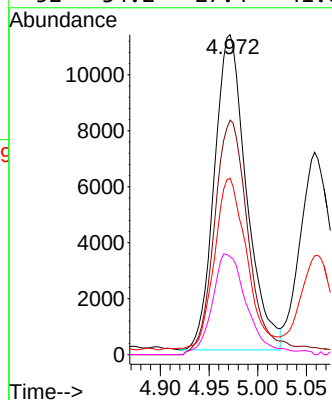
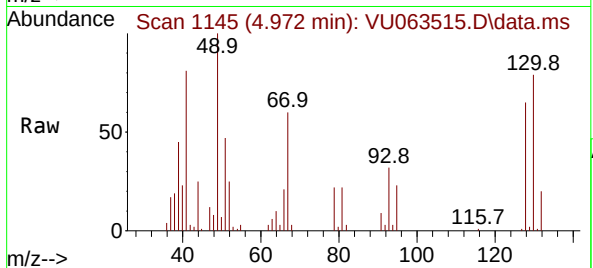
Ion Ratio Lower Upper

41 100

67 78.4 62.7 94.1

39 53.9 43.1 64.7

52 34.2 27.4 41.0



#40

Methyl acrylate

Concen: 10.557 ug/l

RT: 4.846 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VU063515.D

Acq: 16 Jul 2025 11:37

Tgt Ion: 55 Resp: 42948

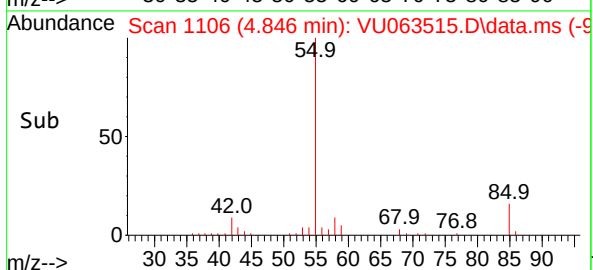
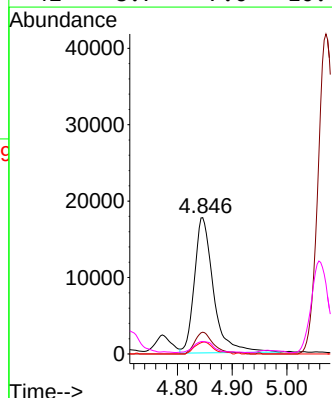
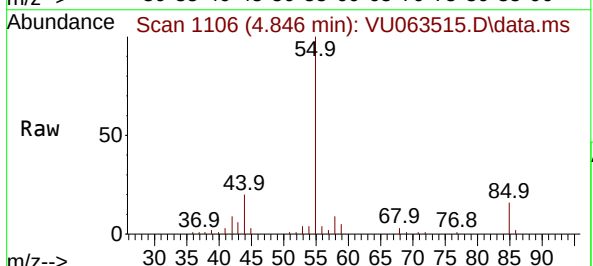
Ion Ratio Lower Upper

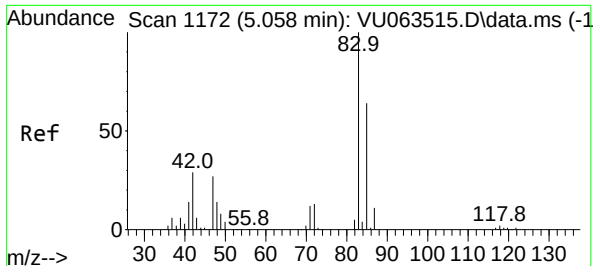
55 100

85 16.0 12.8 19.2

58 8.7 7.0 10.4

42 8.7 7.0 10.4





#41

Tetrahydrofuran

Concen: 18.218 ug/l

RT: 5.058 min Scan# 1172

Delta R.T. 0.000 min

Lab File: VU063515.D

Acq: 16 Jul 2025 11:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

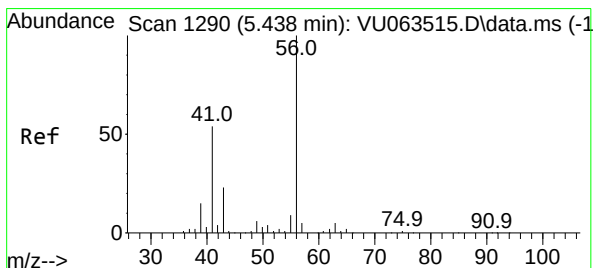
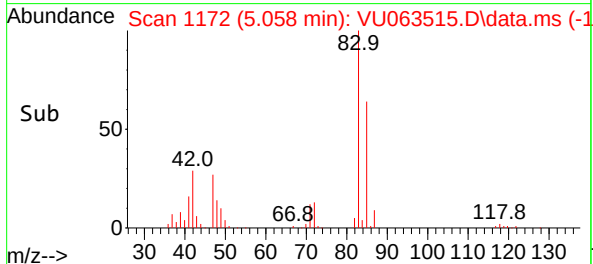
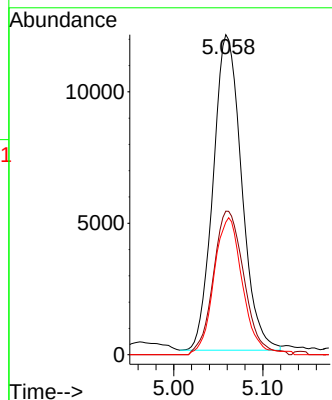
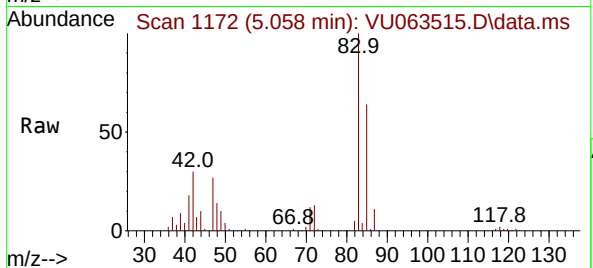
Tgt Ion: 42 Resp: 26672

Ion Ratio Lower Upper

42 100

72 49.0 39.2 58.8

71 43.5 34.8 52.2



#42

1-Chlorobutane

Concen: 10.139 ug/l

RT: 5.438 min Scan# 1290

Delta R.T. 0.000 min

Lab File: VU063515.D

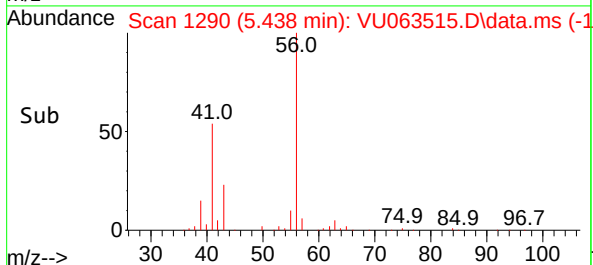
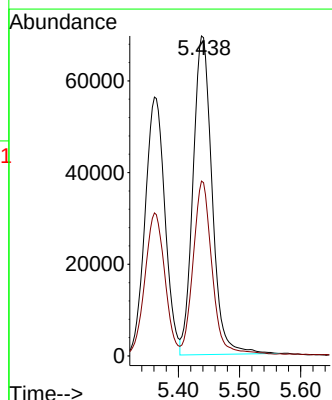
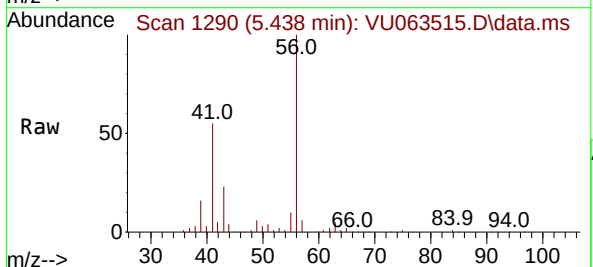
Acq: 16 Jul 2025 11:37

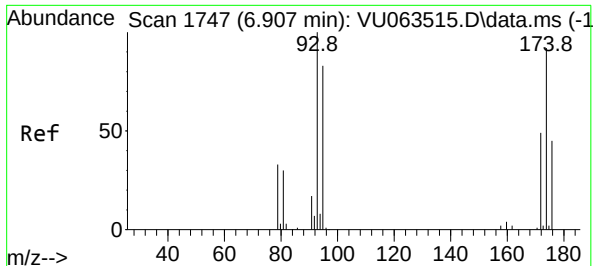
Tgt Ion: 56 Resp: 150746

Ion Ratio Lower Upper

56 100

41 53.3 26.7 80.0

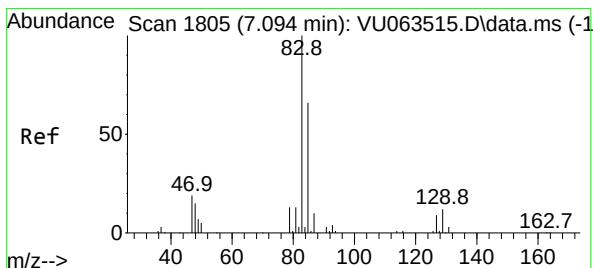
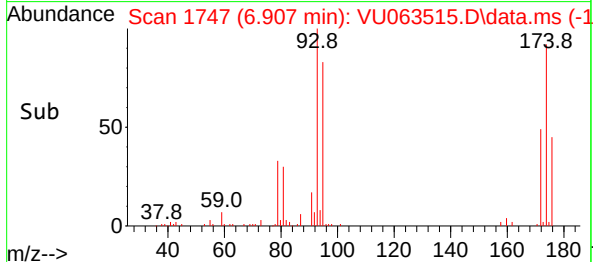
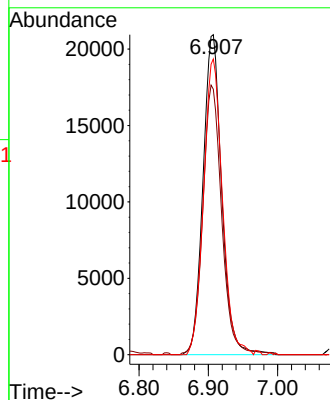
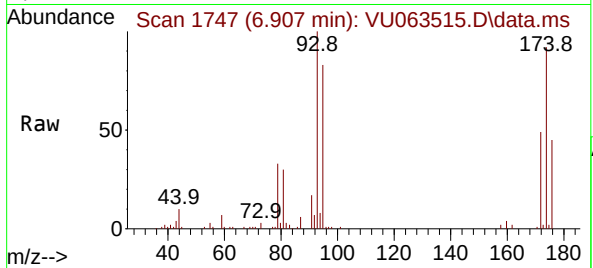




#43
Dibromomethane
Concen: 10.765 ug/l
RT: 6.907 min Scan# 1747
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

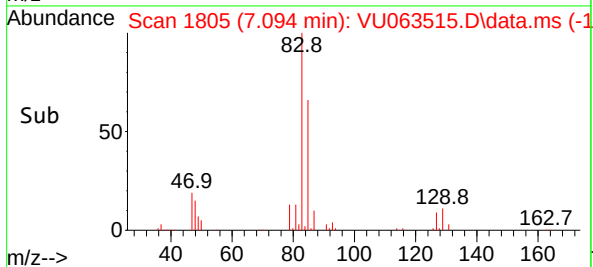
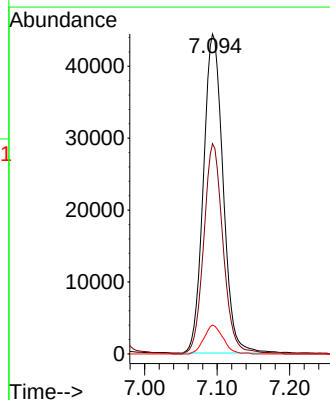
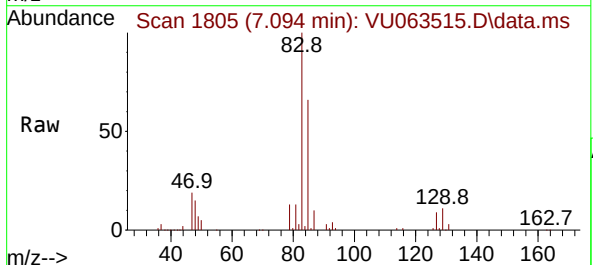
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

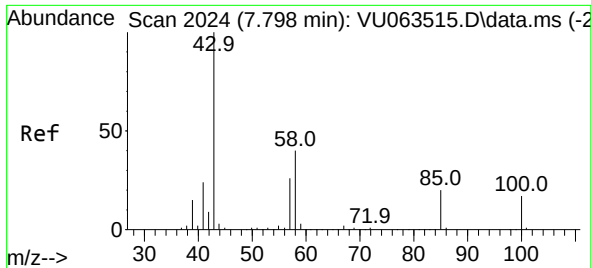
Tgt Ion:	93	Resp:	39219
Ion	Ratio	Lower	Upper
93	100		
95	84.9	67.9	101.9
174	93.2	74.6	111.8



#44
Bromodichloromethane
Concen: 10.173 ug/l
RT: 7.094 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

Tgt Ion:	83	Resp:	83585
Ion	Ratio	Lower	Upper
83	100		
85	65.9	52.7	79.1
127	10.1	8.1	12.1

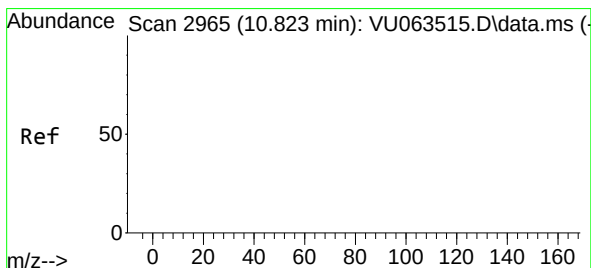
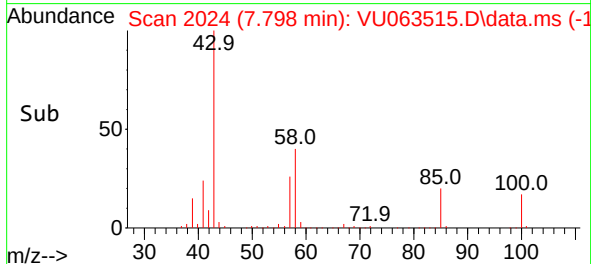
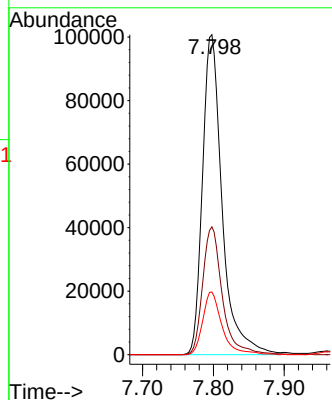
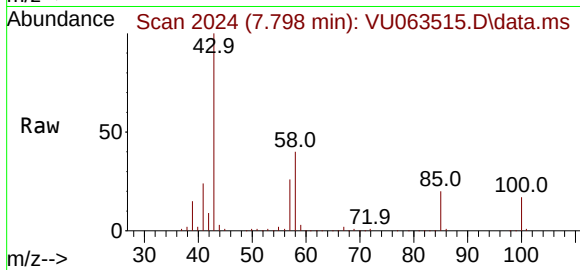




#45
4-Methyl-2-Pentanone
Concen: 51.766 ug/l
RT: 7.798 min Scan# 2024
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

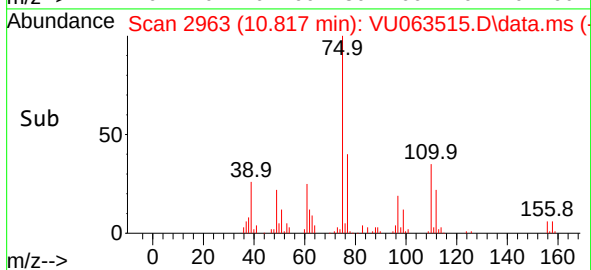
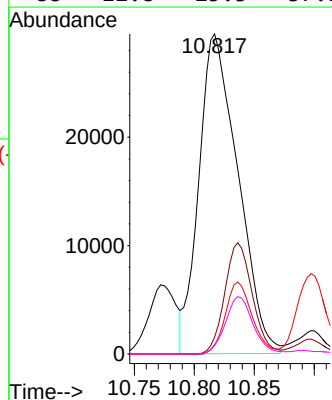
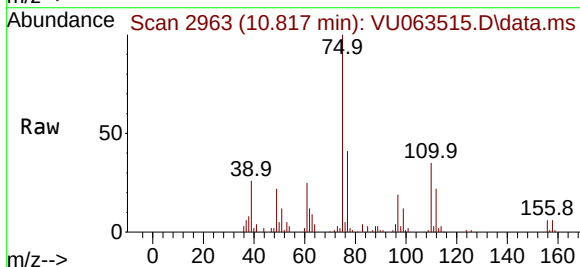
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

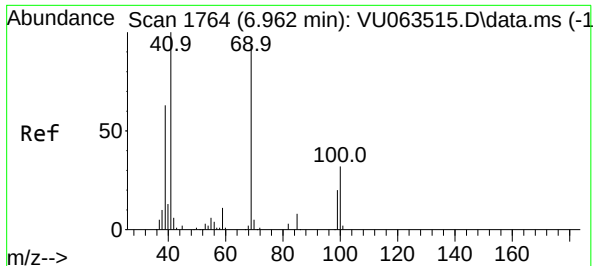
Tgt Ion: 43 Resp: 194373
Ion Ratio Lower Upper
43 100
58 40.0 20.0 60.0
85 19.2 15.4 23.0



#46
t-1,4-Dichloro-2-butene
Concen: 50.115 ug/l
RT: 10.817 min Scan# 2963
Delta R.T. -0.006 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

Tgt Ion: 75 Resp: 66761
Ion Ratio Lower Upper
75 100
53 24.5 48.4 72.6#
89 15.5 30.6 45.8#
88 12.8 25.3 37.9#

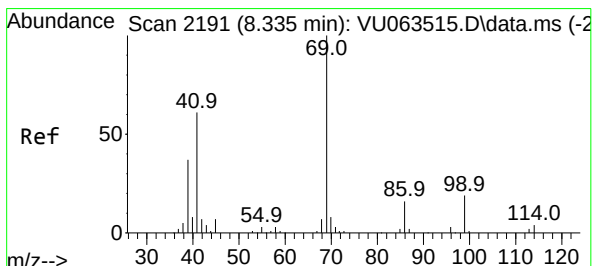
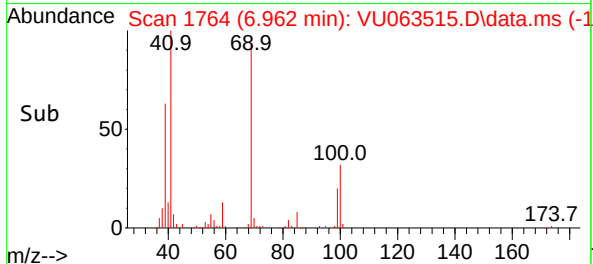
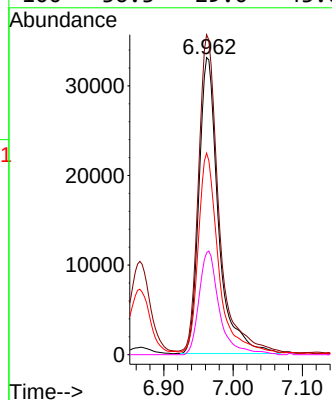
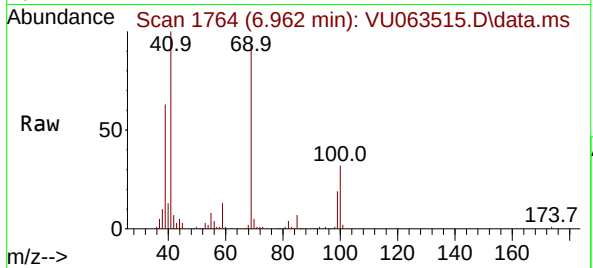




#47
Methyl methacrylate
Concen: 21.203 ug/l
RT: 6.962 min Scan# 1764
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

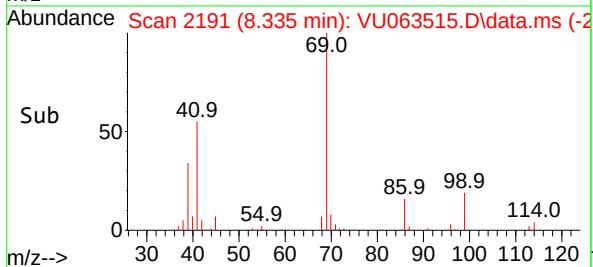
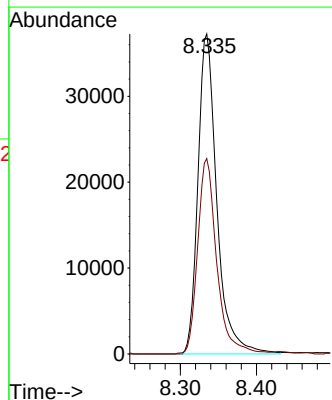
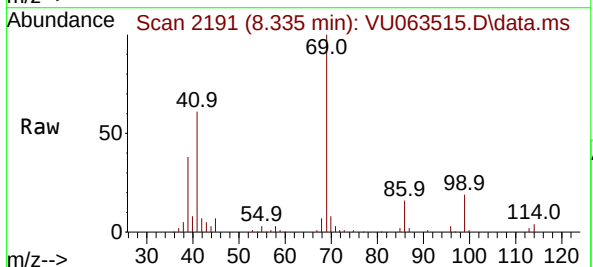
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

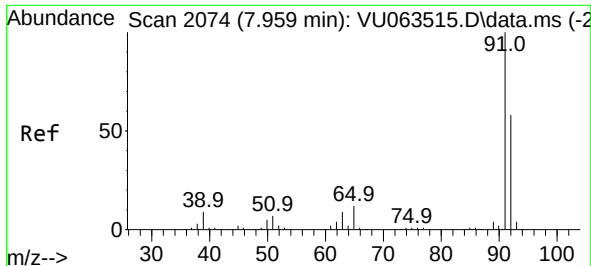
Tgt Ion: 69 Resp: 64875
Ion Ratio Lower Upper
69 100
41 112.0 0.0 224.0
39 69.1 55.3 82.9
100 36.3 29.0 43.6



#48
Ethyl methacrylate
Concen: 11.020 ug/l
RT: 8.335 min Scan# 2191
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

Tgt Ion: 69 Resp: 64347
Ion Ratio Lower Upper
69 100
41 61.6 30.8 92.4

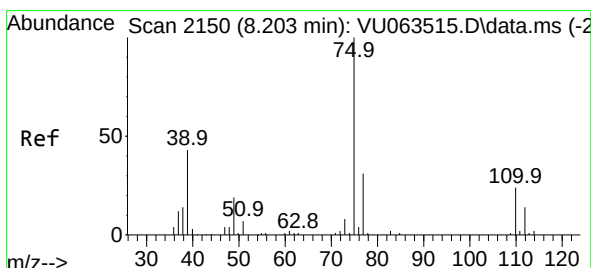
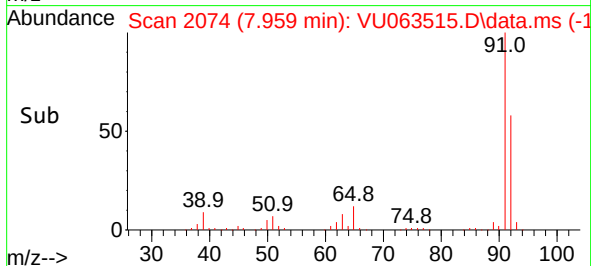
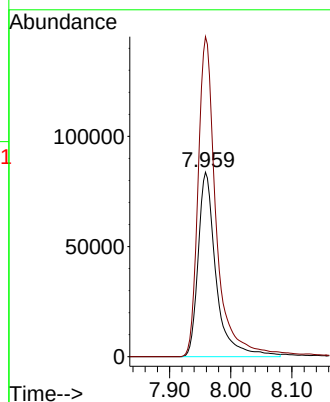
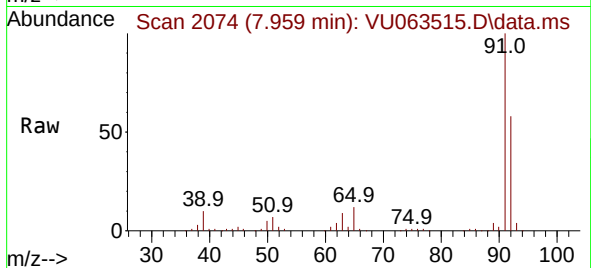




#49
Toluene
Concen: 10.432 ug/l
RT: 7.959 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

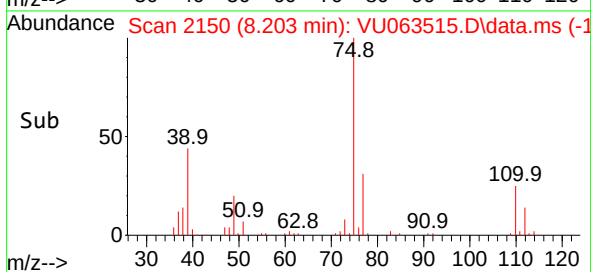
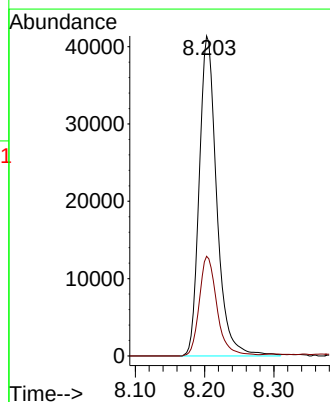
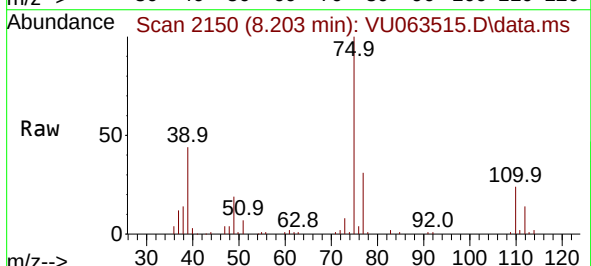
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

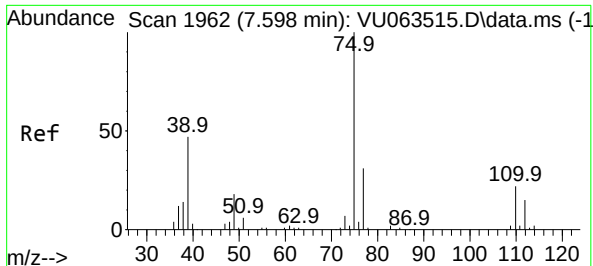
Tgt Ion: 92 Resp: 171146
Ion Ratio Lower Upper
92 100
91 175.5 140.4 210.6



#50
t-1,3-Dichloropropene
Concen: 11.292 ug/l
RT: 8.203 min Scan# 2150
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

Tgt Ion: 75 Resp: 72787
Ion Ratio Lower Upper
75 100
77 31.1 24.9 37.3





#51

cis-1,3-Dichloropropene

Concen: 10.668 ug/l

RT: 7.598 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VU063515.D

Acq: 16 Jul 2025 11:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

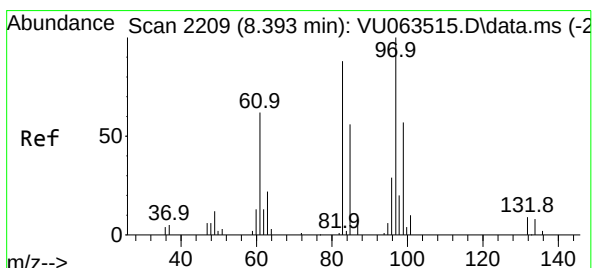
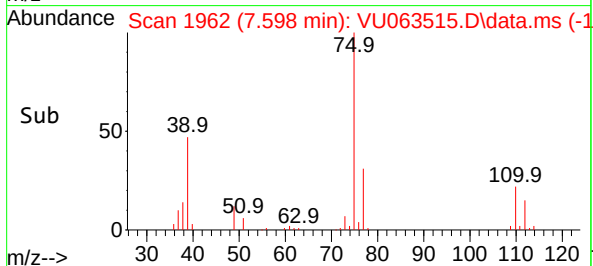
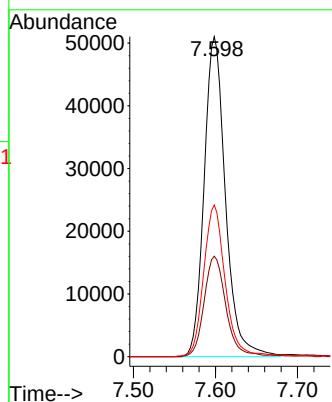
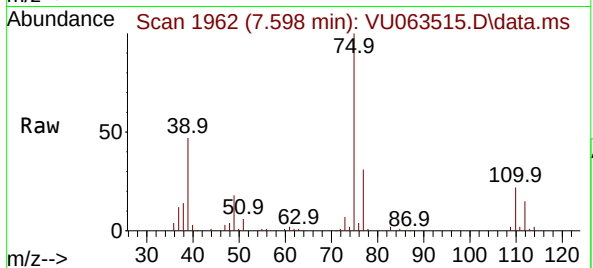
Tgt Ion: 75 Resp: 92302

Ion Ratio Lower Upper

75 100

77 31.4 25.1 37.7

39 47.2 37.8 56.6



#52

1,1,2-Trichloroethane

Concen: 10.510 ug/l

RT: 8.393 min Scan# 2209

Delta R.T. 0.000 min

Lab File: VU063515.D

Acq: 16 Jul 2025 11:37

Tgt Ion: 97 Resp: 51547

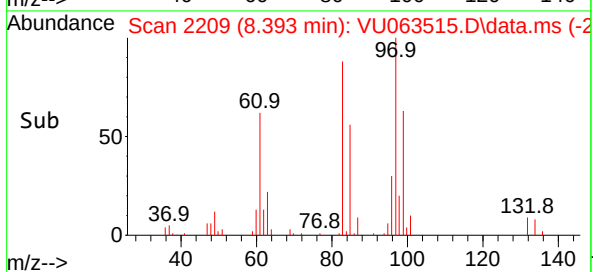
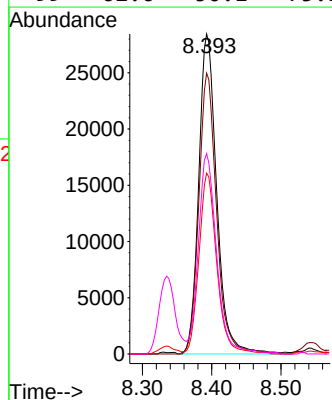
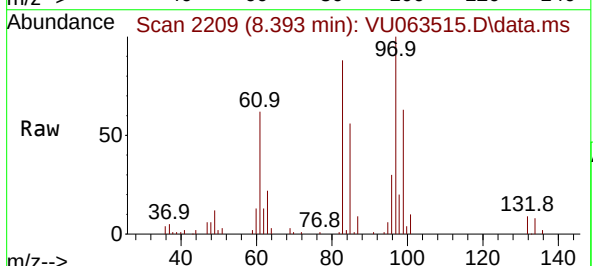
Ion Ratio Lower Upper

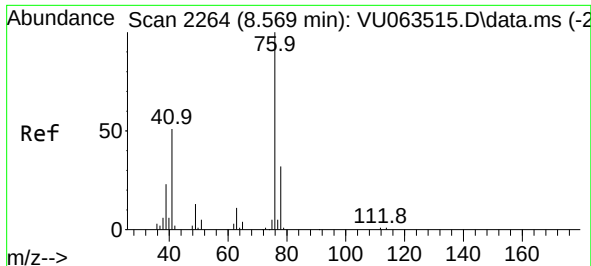
97 100

83 87.7 70.2 105.2

85 56.5 45.2 67.8

99 62.6 50.1 75.1





#53

1,3-Dichloropropane

Concen: 10.355 ug/l

RT: 8.569 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU063515.D

Acq: 16 Jul 2025 11:37

Instrument :

MSVOA_U

ClientSampleId :

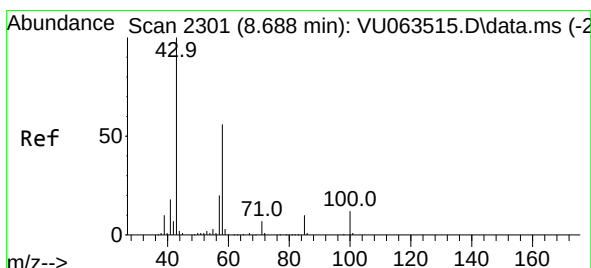
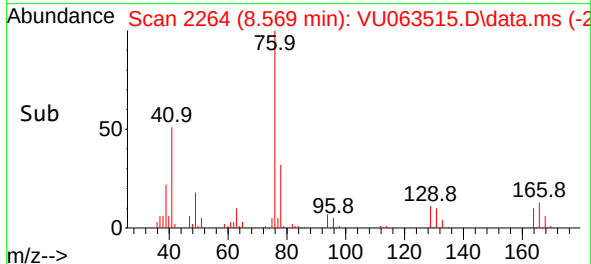
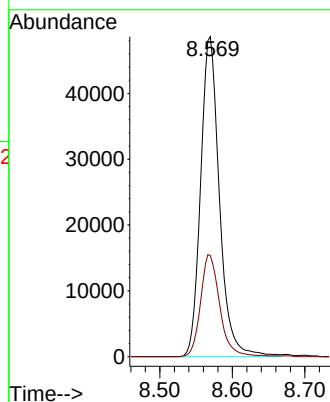
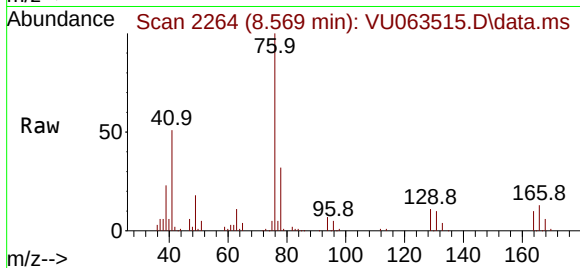
VSTDICCC010

Tgt Ion: 76 Resp: 87683

Ion Ratio Lower Upper

76 100

78 32.5 26.0 39.0



#54

2-Hexanone

Concen: 52.658 ug/l

RT: 8.688 min Scan# 2301

Delta R.T. 0.000 min

Lab File: VU063515.D

Acq: 16 Jul 2025 11:37

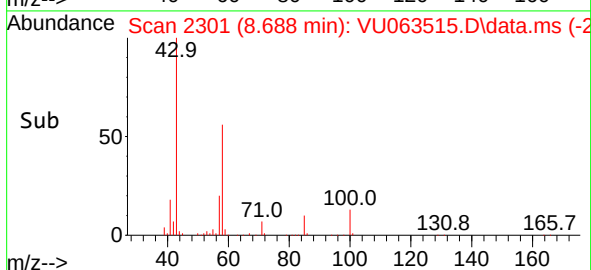
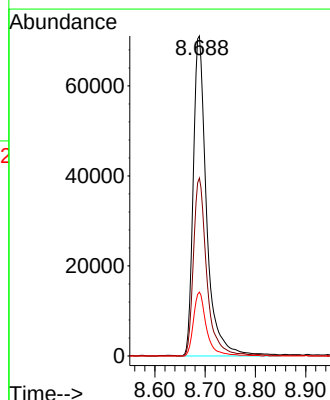
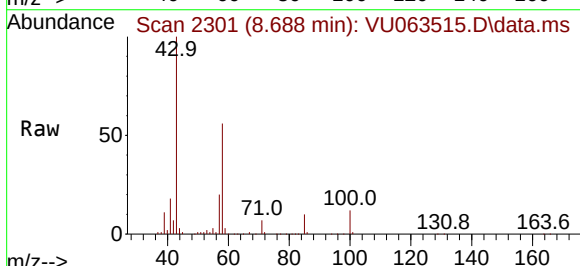
Tgt Ion: 43 Resp: 131332

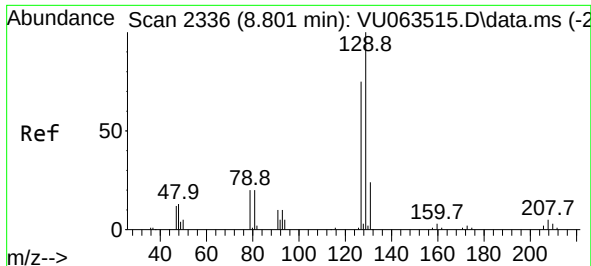
Ion Ratio Lower Upper

43 100

58 54.8 34.8 74.8

57 19.5 0.0 39.5

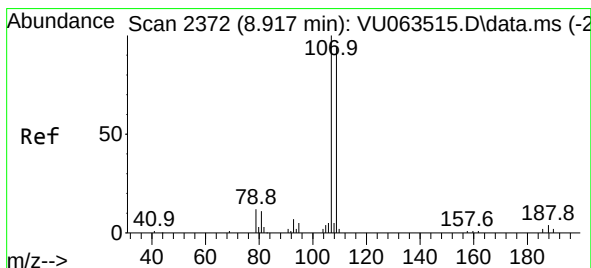
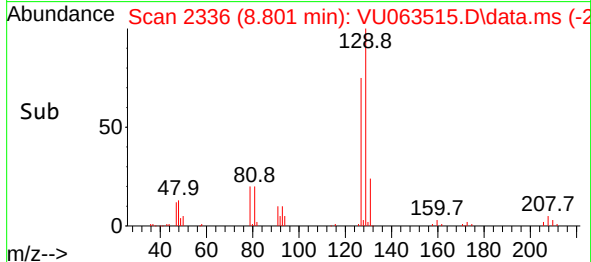
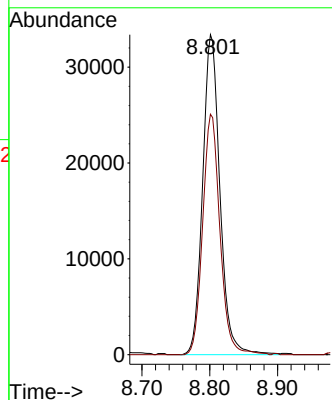
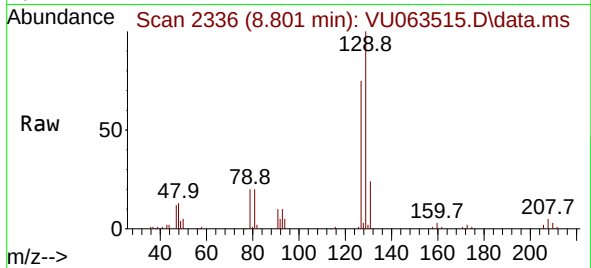




#55
Dibromochloromethane
Concen: 11.401 ug/l
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

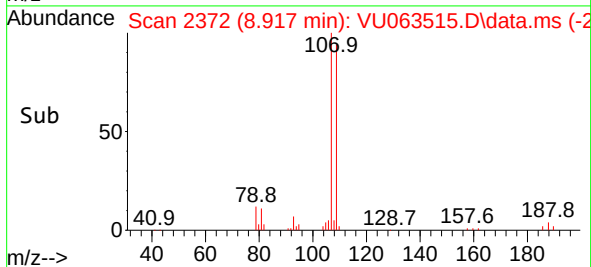
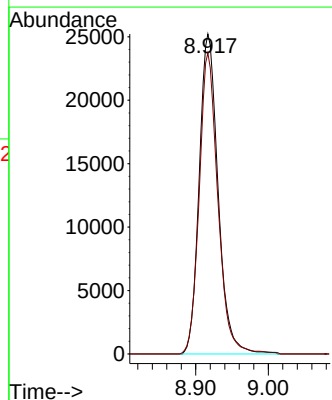
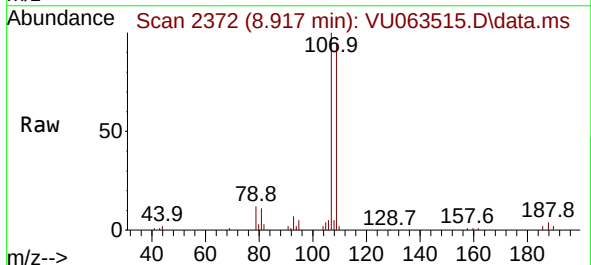
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

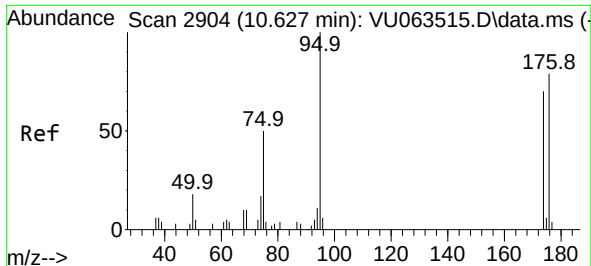
Tgt Ion:129 Resp: 59098
Ion Ratio Lower Upper
129 100
127 75.1 60.1 90.1



#56
1,2-Dibromoethane
Concen: 10.388 ug/l
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

Tgt Ion:107 Resp: 45601
Ion Ratio Lower Upper
107 100
109 93.2 0.0 186.4





#57

4-Bromofluorobenzene

Concen: 0.975 ug/l

RT: 10.627 min Scan# 2904

Delta R.T. 0.000 min

Lab File: VU063515.D

Acq: 16 Jul 2025 11:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

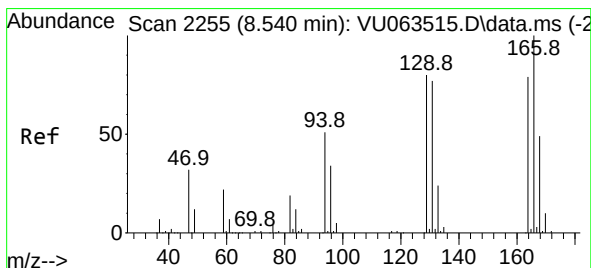
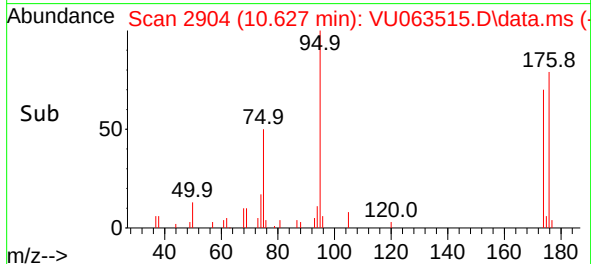
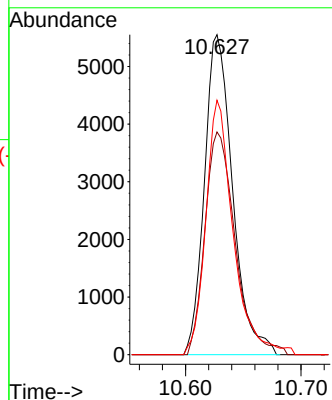
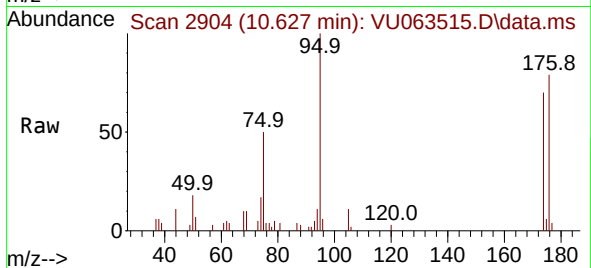
Tgt Ion: 95 Resp: 9419

Ion Ratio Lower Upper

95 100

174 74.8 59.8 89.8

176 77.3 61.8 92.8



#58

Tetrachloroethene

Concen: 10.376 ug/l

RT: 8.540 min Scan# 2255

Delta R.T. 0.000 min

Lab File: VU063515.D

Acq: 16 Jul 2025 11:37

Tgt Ion: 164 Resp: 72806

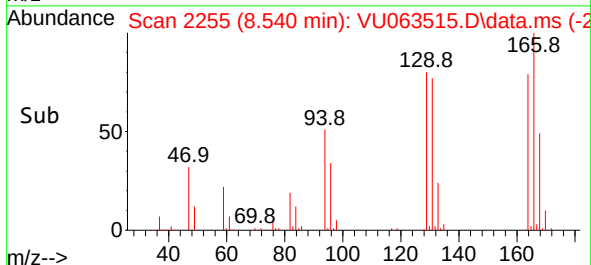
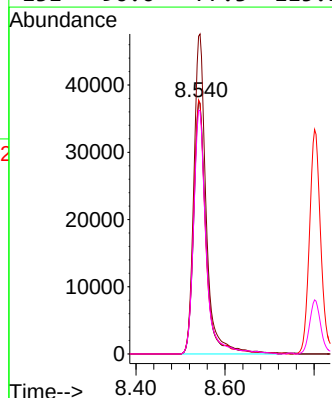
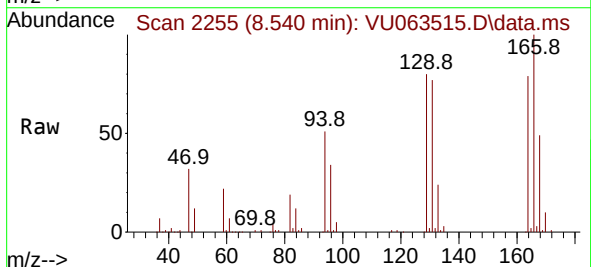
Ion Ratio Lower Upper

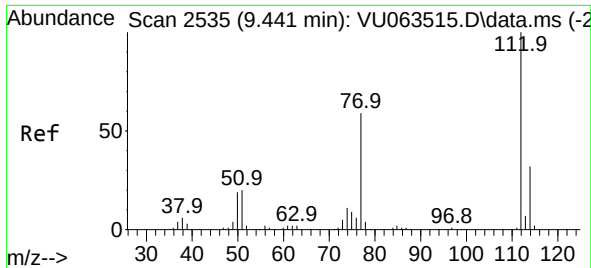
164 100

166 125.9 100.7 151.1

129 100.7 80.6 120.8

131 96.6 77.3 115.9

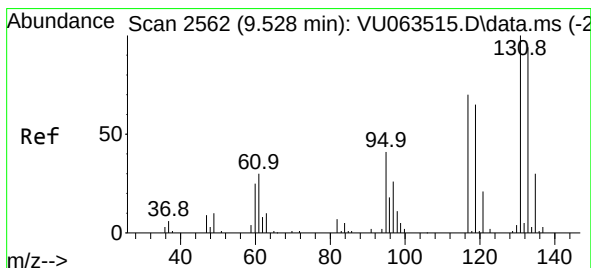
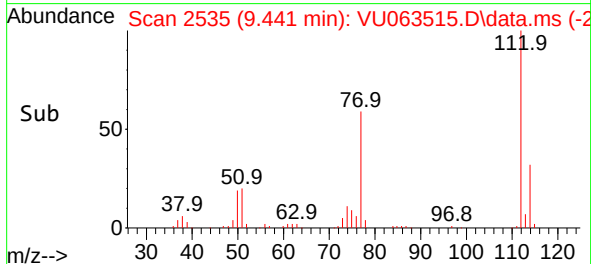
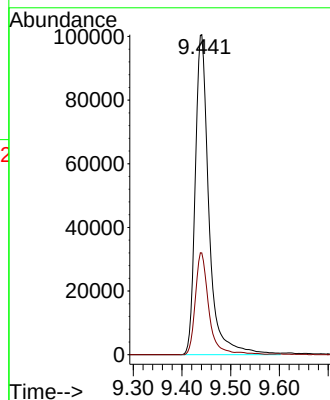
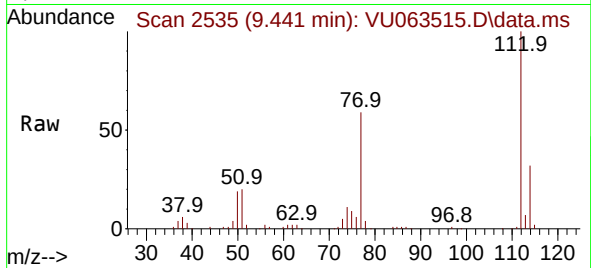




#59
Chlorobenzene
Concen: 10.443 ug/l
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

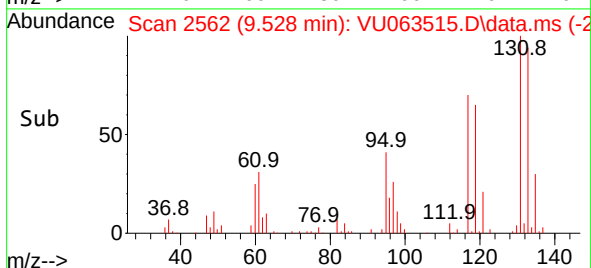
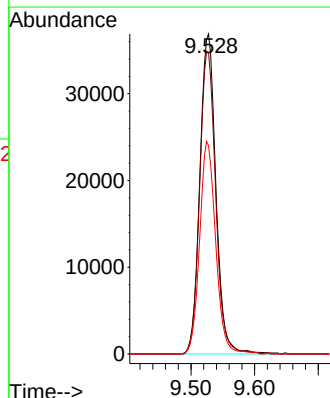
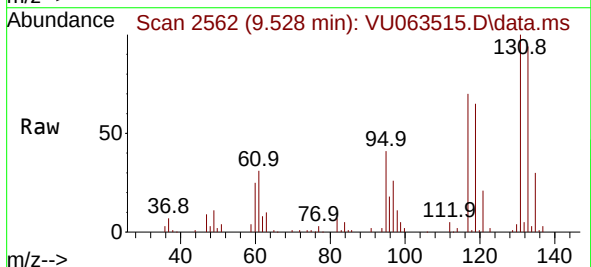
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

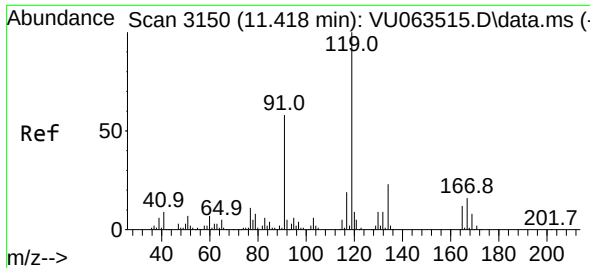
Tgt Ion:112 Resp: 196780
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.2



#60
1,1,1,2-Tetrachloroethane
Concen: 10.702 ug/l
RT: 9.528 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

Tgt Ion:131 Resp: 64850
Ion Ratio Lower Upper
131 100
133 93.4 74.7 112.1
119 66.2 53.0 79.4

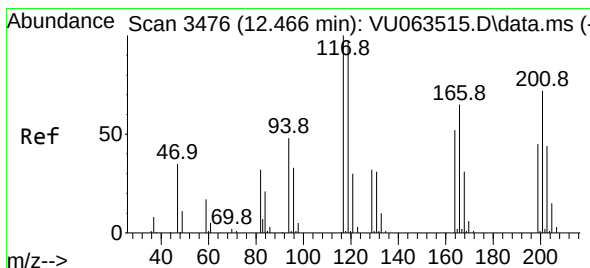
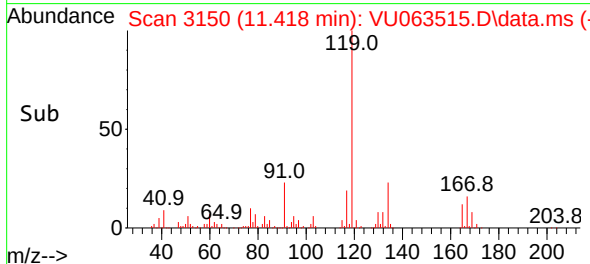
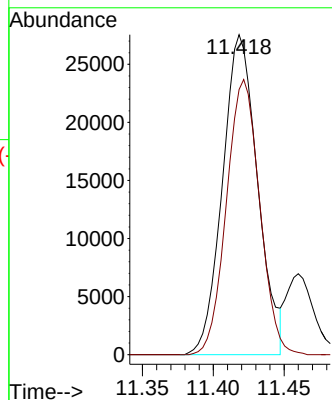
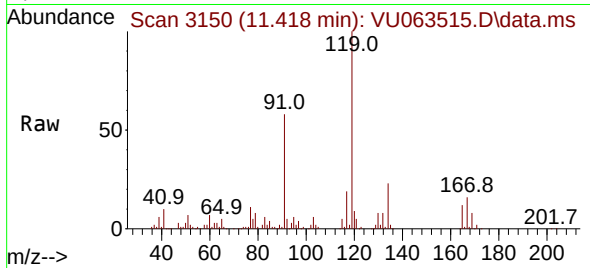




#61
 Pentachloroethane
 Concen: 11.097 ug/l
 RT: 11.418 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU063515.D
 Acq: 16 Jul 2025 11:37

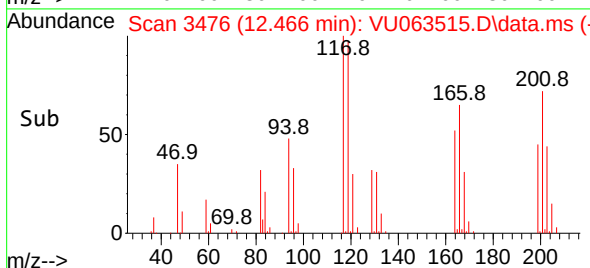
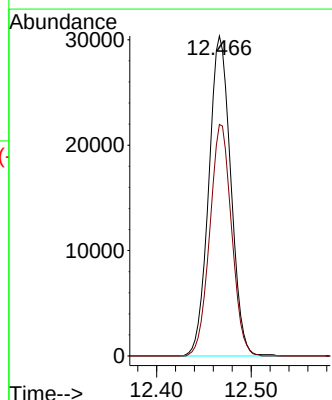
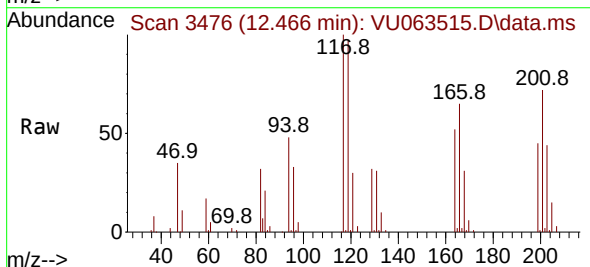
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

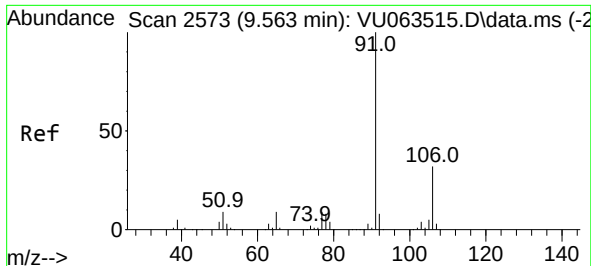
Tgt Ion:117 Resp: 47516
 Ion Ratio Lower Upper
 117 100
 167 81.3 65.0 97.6



#62
 Hexachloroethane
 Concen: 11.561 ug/l
 RT: 12.466 min Scan# 3476
 Delta R.T. 0.000 min
 Lab File: VU063515.D
 Acq: 16 Jul 2025 11:37

Tgt Ion:117 Resp: 49020
 Ion Ratio Lower Upper
 117 100
 201 71.7 57.4 86.0





#63

Ethyl Benzene

Concen: 10.340 ug/l

RT: 9.563 min Scan# 2573

Delta R.T. 0.000 min

Lab File: VU063515.D

Acq: 16 Jul 2025 11:37

Instrument :

MSVOA_U

ClientSampleId :

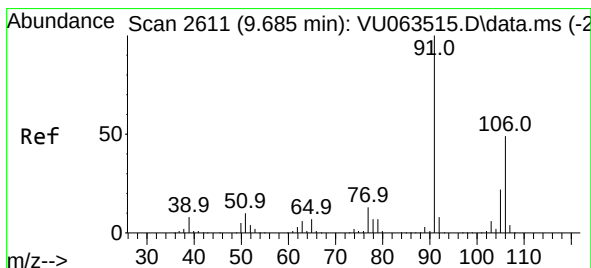
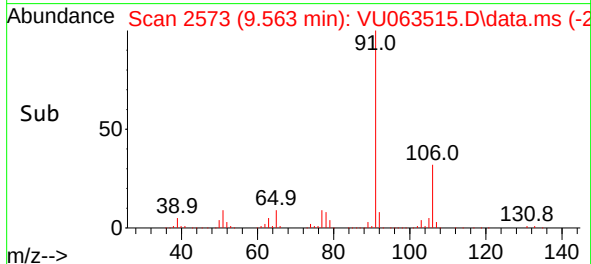
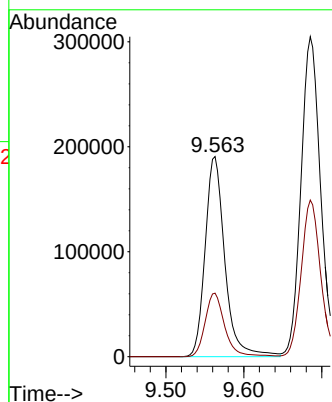
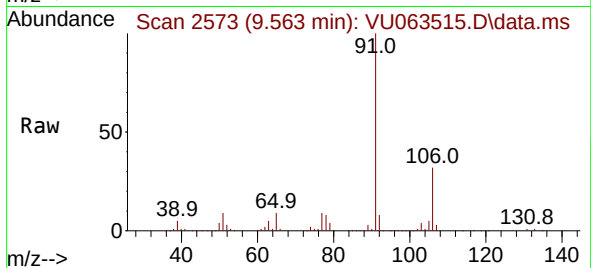
VSTDICCC010

Tgt Ion: 91 Resp: 335269

Ion Ratio Lower Upper

91 100

106 31.7 25.4 38.0



#64

m/p-Xylenes

Concen: 21.007 ug/l

RT: 9.685 min Scan# 2611

Delta R.T. 0.000 min

Lab File: VU063515.D

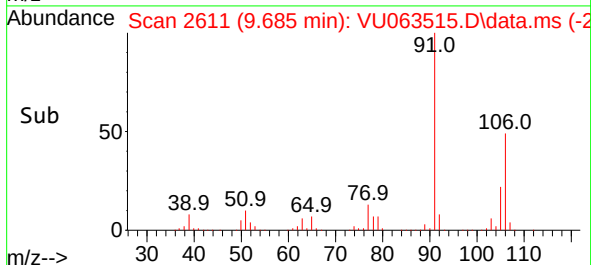
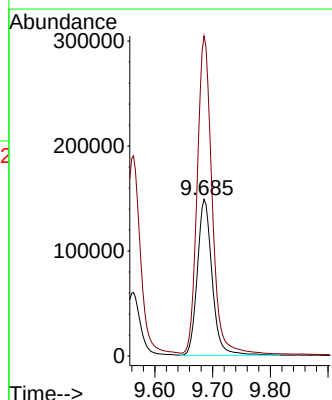
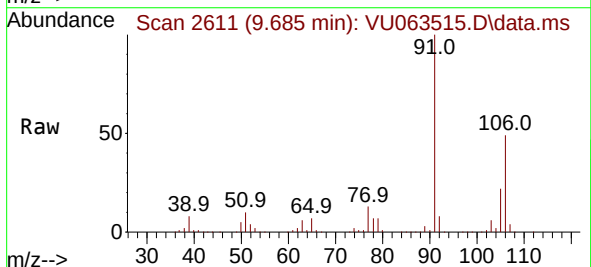
Acq: 16 Jul 2025 11:37

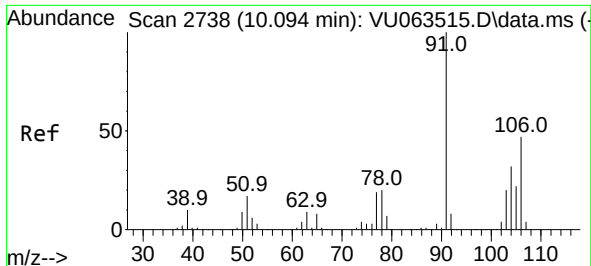
Tgt Ion: 106 Resp: 264769

Ion Ratio Lower Upper

106 100

91 204.5 163.6 245.4

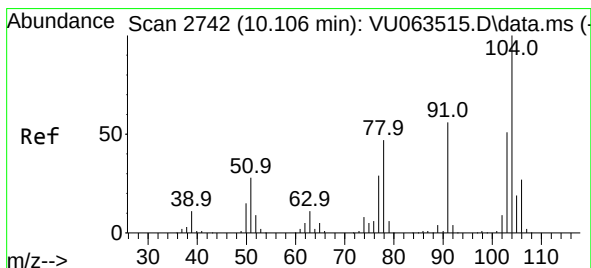
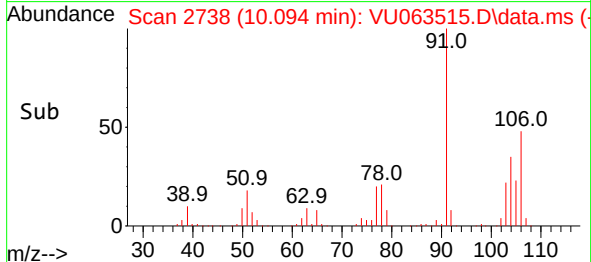
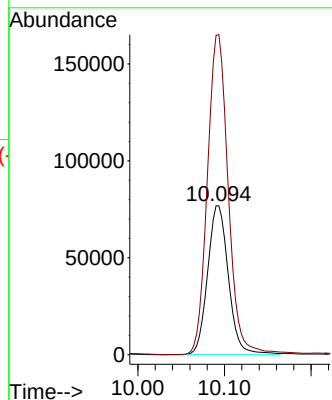
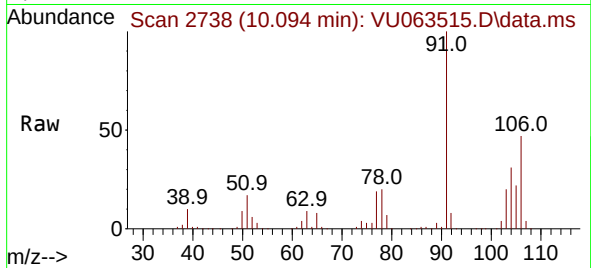




#65
o-Xylene
Concen: 10.621 ug/l
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

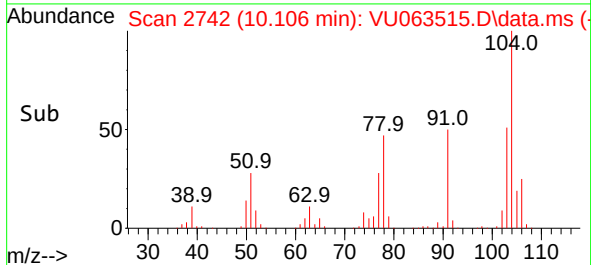
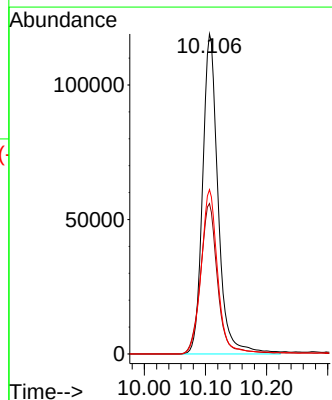
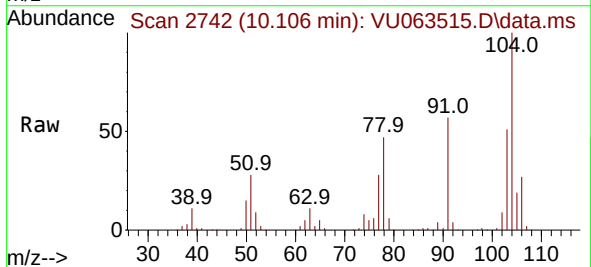
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

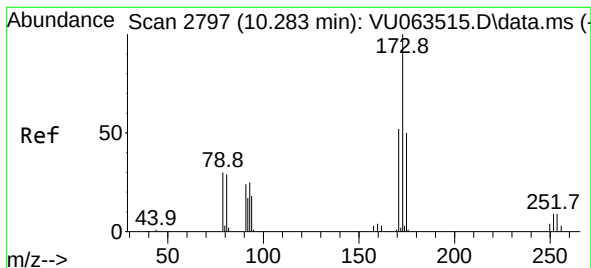
Tgt Ion:106 Resp: 128634
Ion Ratio Lower Upper
106 100
91 216.3 108.1 324.4



#66
Styrene
Concen: 10.873 ug/l
RT: 10.106 min Scan# 2742
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

Tgt Ion:104 Resp: 209876
Ion Ratio Lower Upper
104 100
78 51.6 41.3 61.9
103 54.5 43.6 65.4





#67

Bromoform

Concen: 11.325 ug/l

RT: 10.283 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU063515.D

Acq: 16 Jul 2025 11:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

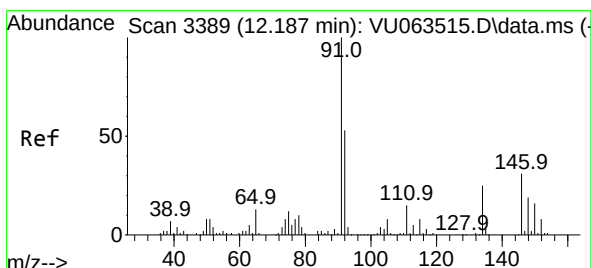
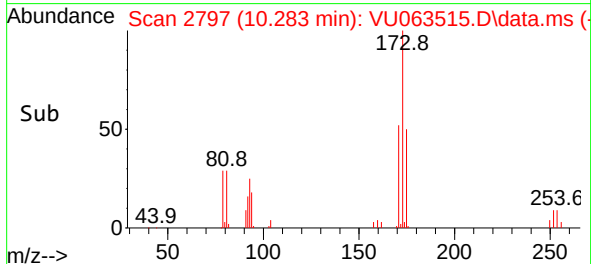
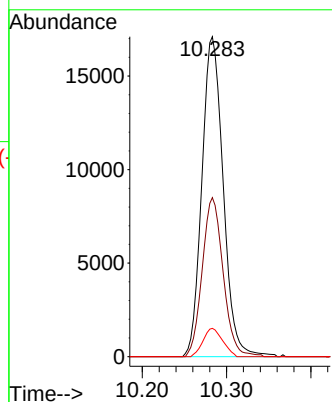
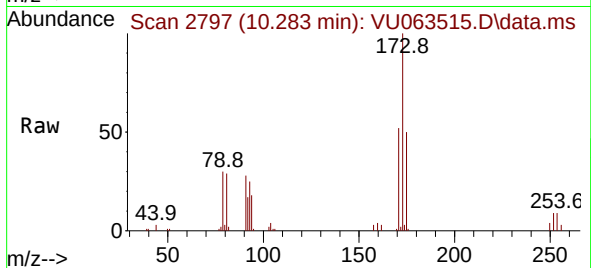
Tgt Ion:173 Resp: 30149

Ion Ratio Lower Upper

173 100

175 48.7 39.0 58.4

254 8.1 6.5 9.7



#68

1,2-Dichlorobenzene-d4

Concen: 1.024 ug/l

RT: 12.187 min Scan# 3389

Delta R.T. 0.000 min

Lab File: VU063515.D

Acq: 16 Jul 2025 11:37

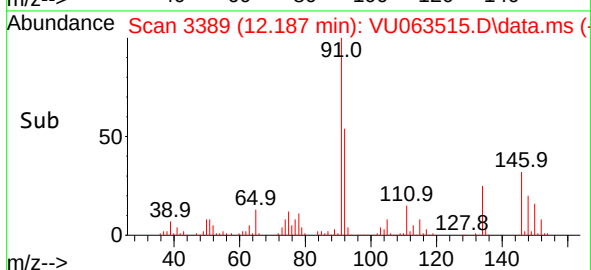
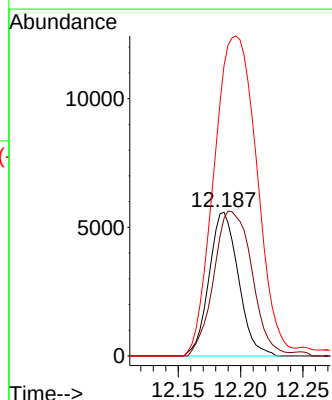
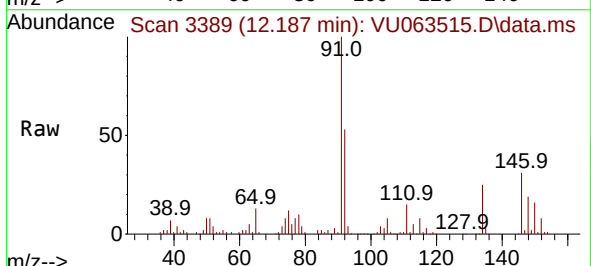
Tgt Ion:152 Resp: 9149

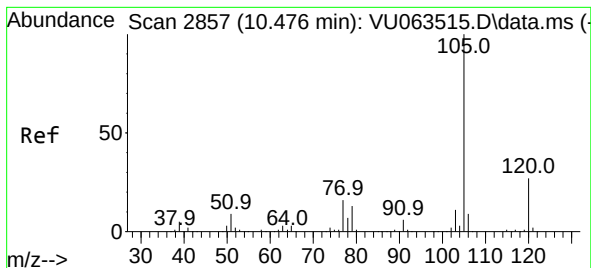
Ion Ratio Lower Upper

152 100

115 131.1 0.0 262.2

150 325.6 0.0 651.2





#69

Isopropylbenzene

Concen: 10.718 ug/l

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU063515.D

Acq: 16 Jul 2025 11:37

Instrument :

MSVOA_U

ClientSampleId :

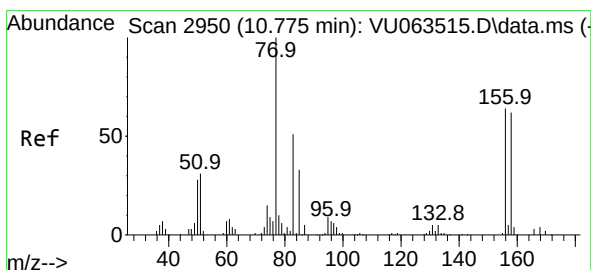
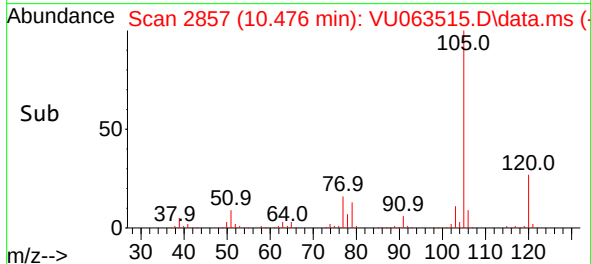
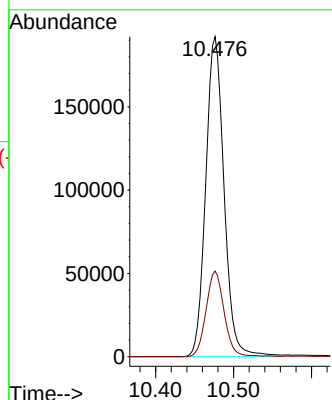
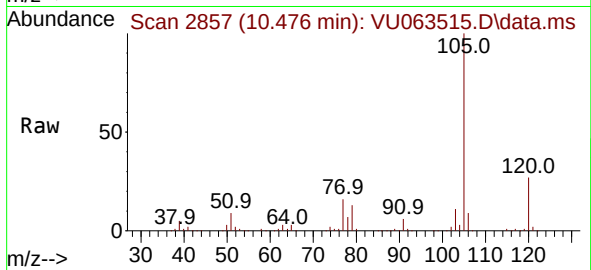
VSTDICCC010

Tgt Ion:105 Resp: 313810

Ion Ratio Lower Upper

105 100

120 26.3 13.2 39.5



#70

1,1,2,2-Tetrachloroethane

Concen: 10.373 ug/l

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU063515.D

Acq: 16 Jul 2025 11:37

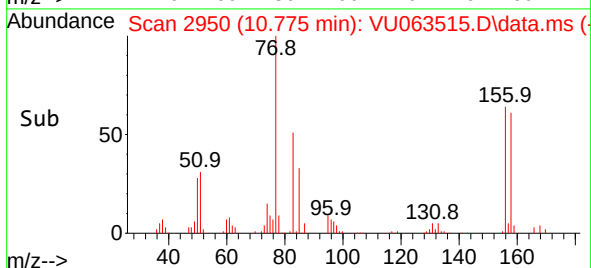
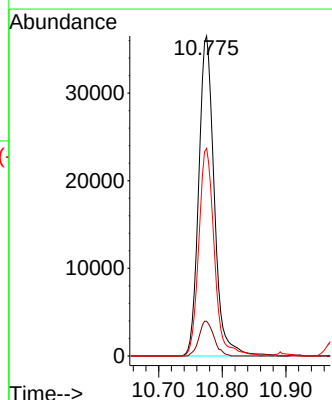
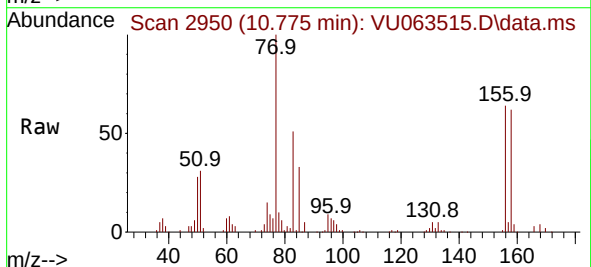
Tgt Ion: 83 Resp: 61909

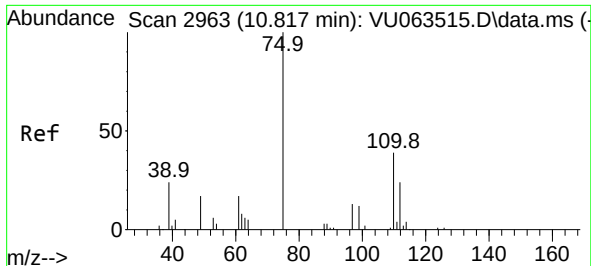
Ion Ratio Lower Upper

83 100

131 10.5 8.4 12.6

85 64.9 51.9 77.9

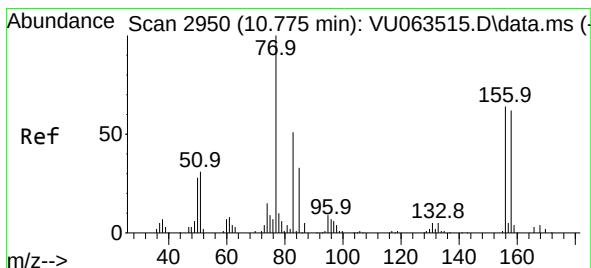
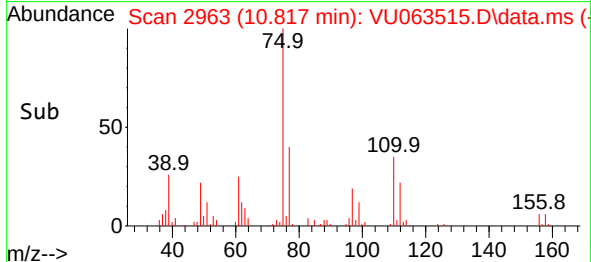
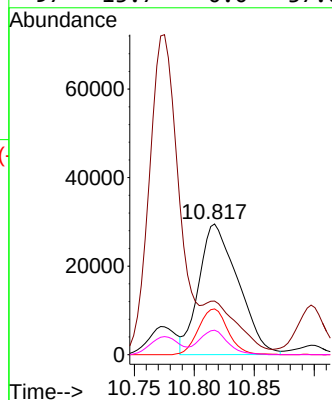
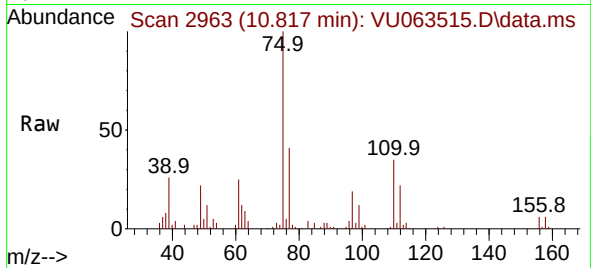




#71
1,2,3-Trichloropropane
Concen: 13.707 ug/l
RT: 10.817 min Scan# 2963
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

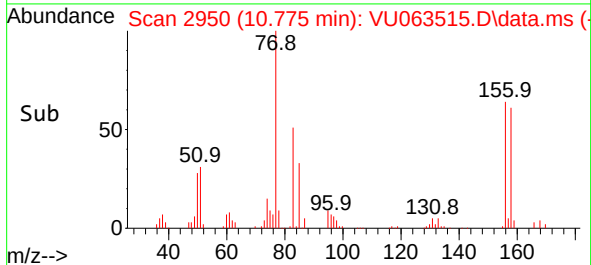
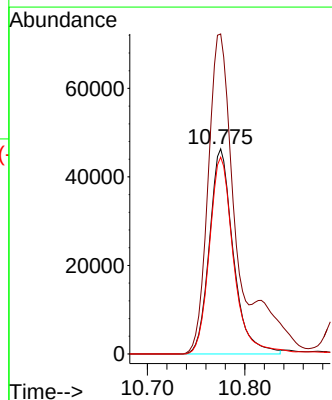
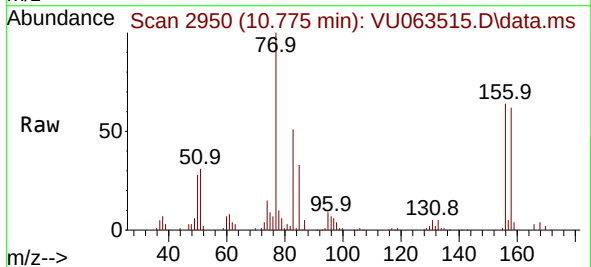
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

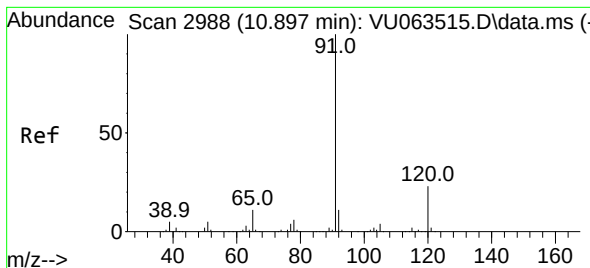
Tgt Ion:	75	Resp:	66761
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0
110	26.6	0.0	73.2
97	13.7	0.0	37.6



#72
Bromobenzene
Concen: 10.441 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

Tgt Ion:	156	Resp:	78897
Ion Ratio	Lower	Upper	
156	100		
77	157.6	0.0	315.2
158	97.7	0.0	195.4





#73

n-propylbenzene

Concen: 10.853 ug/l

RT: 10.897 min Scan# 2988

Delta R.T. 0.000 min

Lab File: VU063515.D

Acq: 16 Jul 2025 11:37

Instrument :

MSVOA_U

ClientSampleId :

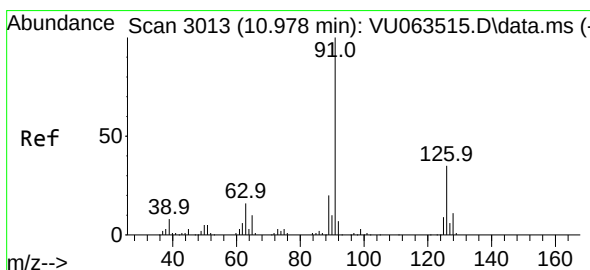
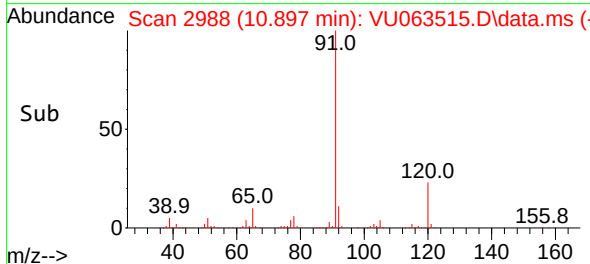
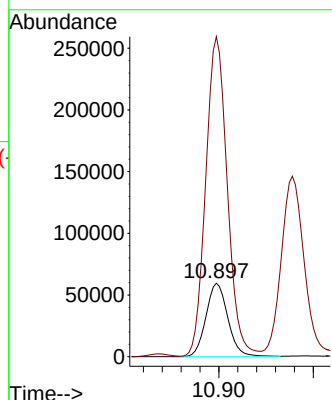
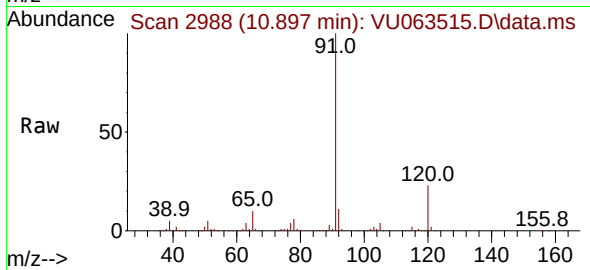
VSTDICCC010

Tgt Ion:120 Resp: 95656

Ion Ratio Lower Upper

120 100

91 428.9 343.1 514.7



#74

2-Chlorotoluene

Concen: 10.540 ug/l

RT: 10.978 min Scan# 3013

Delta R.T. 0.000 min

Lab File: VU063515.D

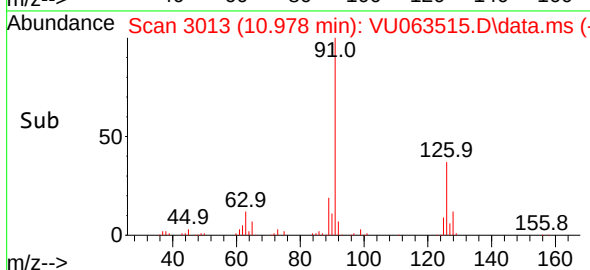
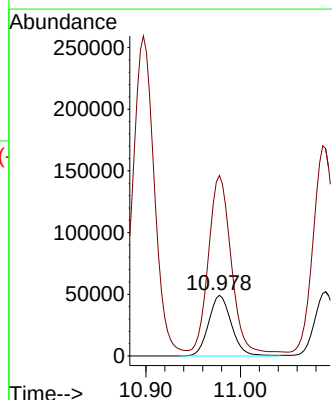
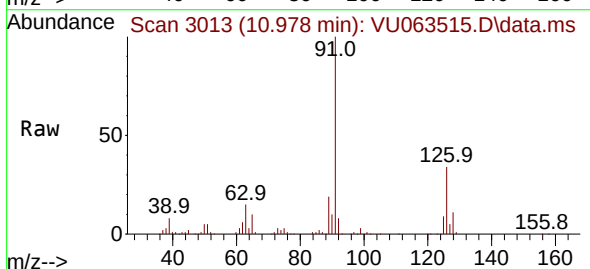
Acq: 16 Jul 2025 11:37

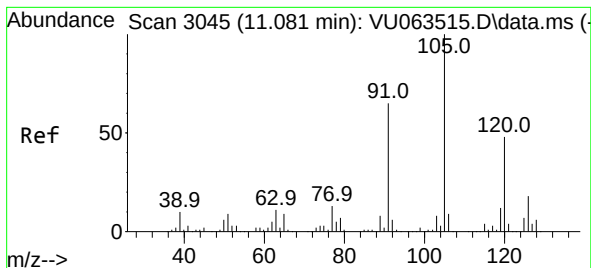
Tgt Ion:126 Resp: 82104

Ion Ratio Lower Upper

126 100

91 303.0 0.0 606.0





#75

1,3,5-Trimethylbenzene

Concen: 10.778 ug/l

RT: 11.081 min Scan# 3045

Delta R.T. 0.000 min

Lab File: VU063515.D

Acq: 16 Jul 2025 11:37

Instrument :

MSVOA_U

ClientSampleId :

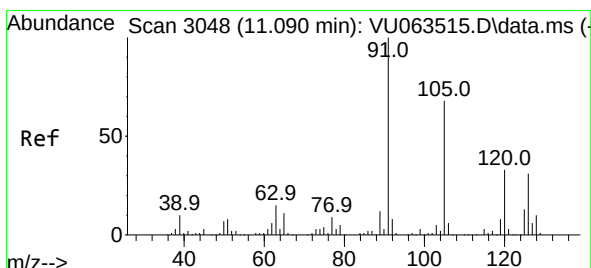
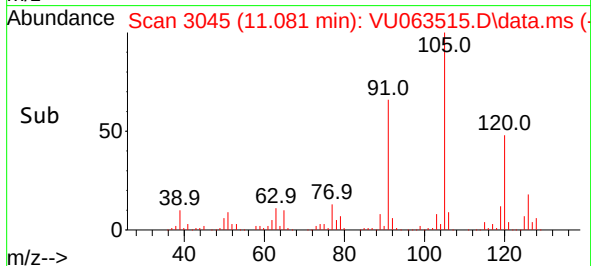
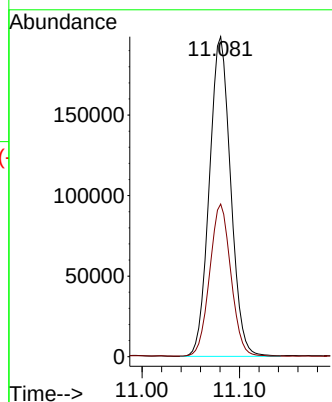
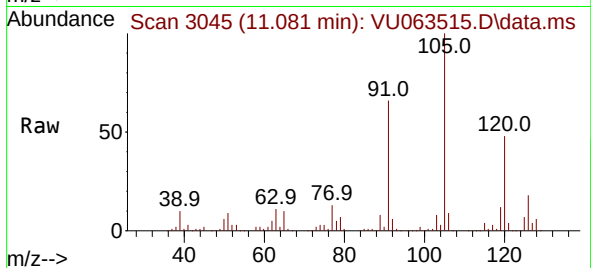
VSTDICCC010

Tgt Ion:105 Resp: 301469

Ion Ratio Lower Upper

105 100

120 47.3 37.8 56.8



#76

4-Chlorotoluene

Concen: 10.636 ug/l

RT: 11.090 min Scan# 3048

Delta R.T. 0.000 min

Lab File: VU063515.D

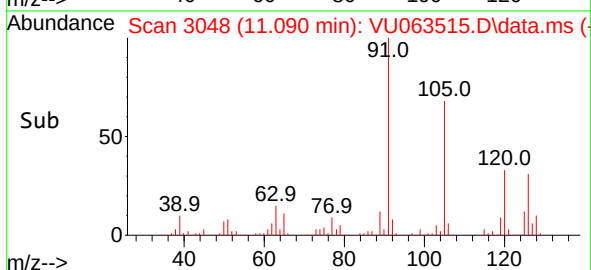
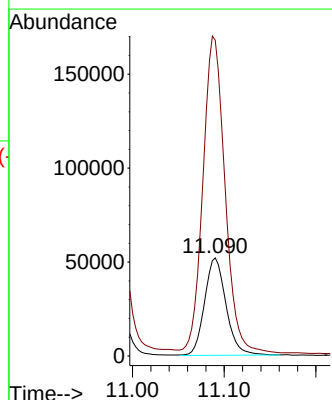
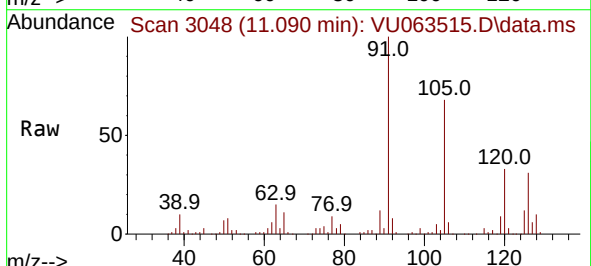
Acq: 16 Jul 2025 11:37

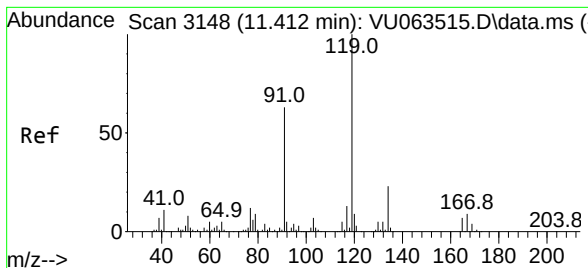
Tgt Ion:126 Resp: 84140

Ion Ratio Lower Upper

126 100

91 341.1 0.0 682.2





#77

tert-Butylbenzene

Concen: 10.714 ug/l

RT: 11.412 min Scan# 3148

Delta R.T. 0.000 min

Lab File: VU063515.D

Acq: 16 Jul 2025 11:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

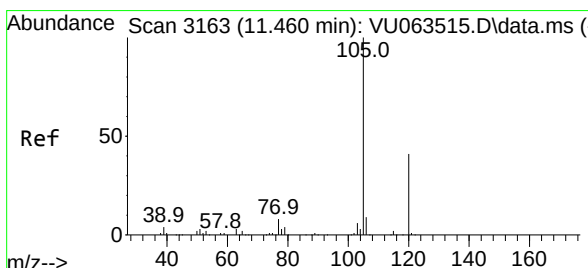
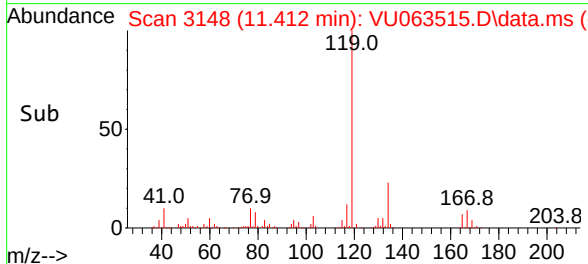
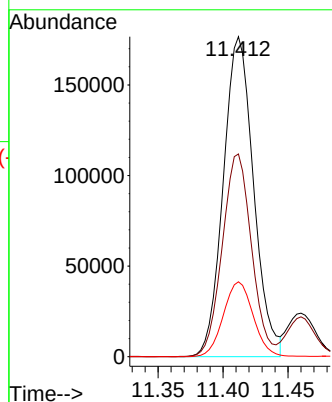
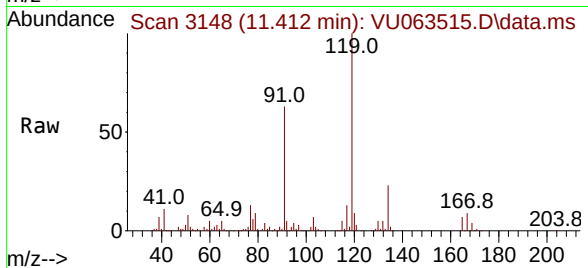
Tgt Ion:119 Resp: 286405

Ion Ratio Lower Upper

119 100

91 61.4 30.7 92.1

134 23.1 18.5 27.7



#78

1,2,4-Trimethylbenzene

Concen: 10.824 ug/l

RT: 11.460 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VU063515.D

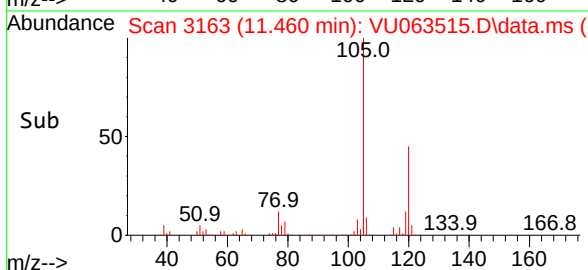
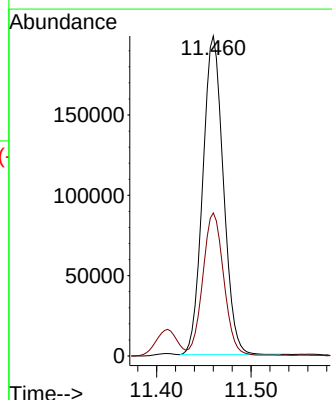
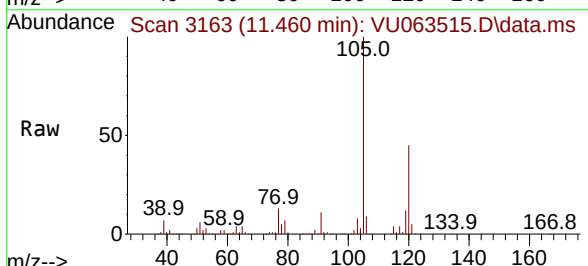
Acq: 16 Jul 2025 11:37

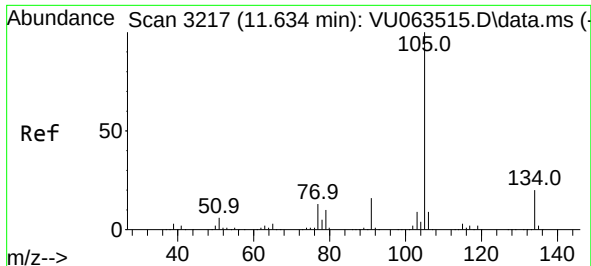
Tgt Ion:105 Resp: 300364

Ion Ratio Lower Upper

105 100

120 45.3 22.7 68.0

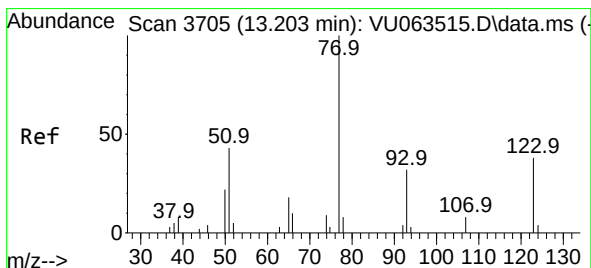
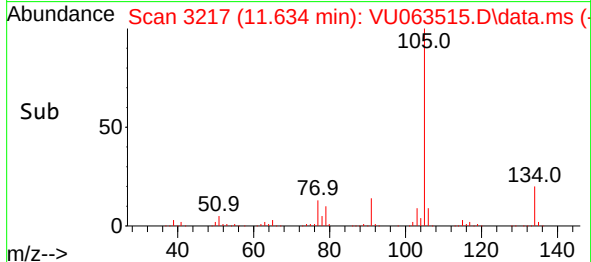
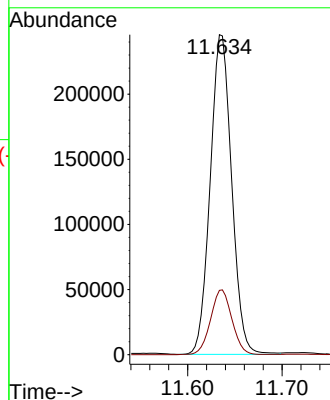
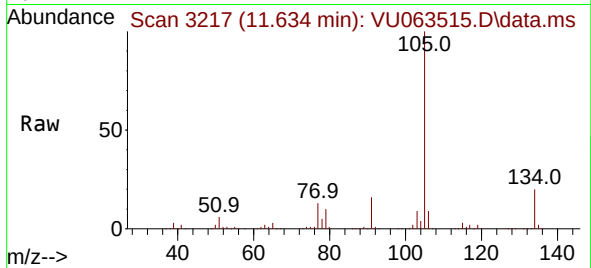




#79
 sec-Butylbenzene
 Concen: 10.724 ug/l
 RT: 11.634 min Scan# 3217
 Delta R.T. 0.000 min
 Lab File: VU063515.D
 Acq: 16 Jul 2025 11:37

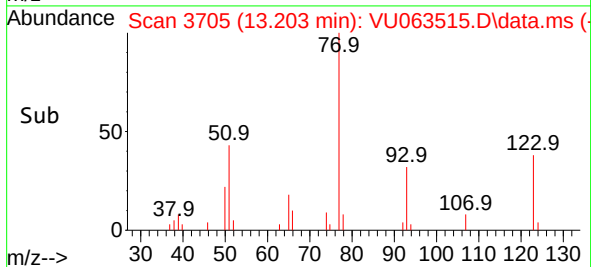
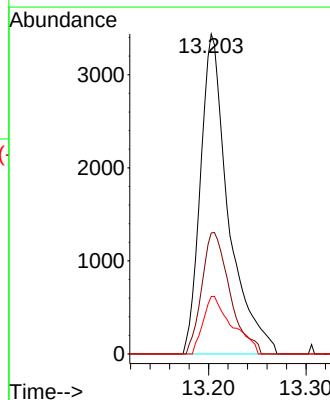
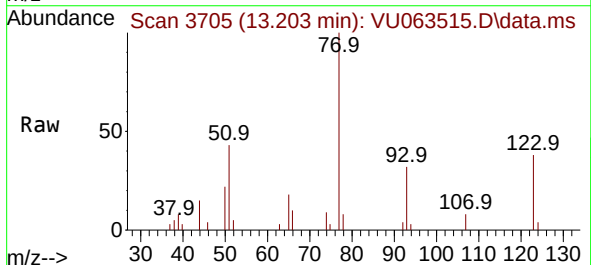
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

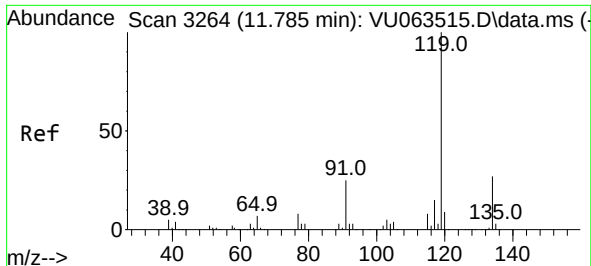
Tgt Ion:105 Resp: 386577
 Ion Ratio Lower Upper
 105 100
 134 20.3 16.2 24.4



#80
 Nitrobenzene
 Concen: 50.800 ug/l
 RT: 13.203 min Scan# 3705
 Delta R.T. -0.000 min
 Lab File: VU063515.D
 Acq: 16 Jul 2025 11:37

Tgt Ion: 77 Resp: 6826
 Ion Ratio Lower Upper
 77 100
 123 38.3 16.9 59.7
 65 18.7 16.5 20.9

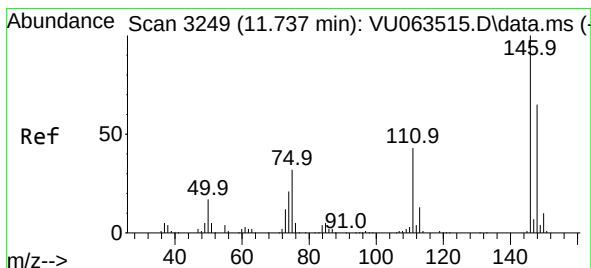
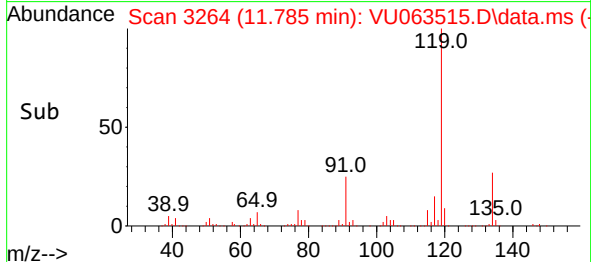
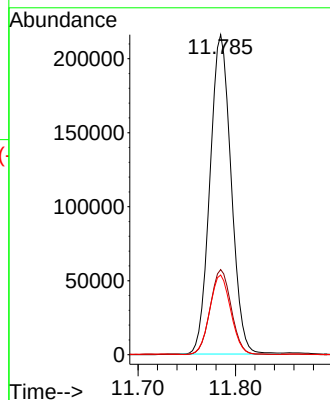
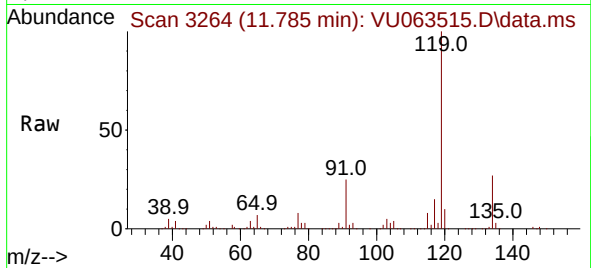




#81
p-Isopropyltoluene
Concen: 10.808 ug/l
RT: 11.785 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

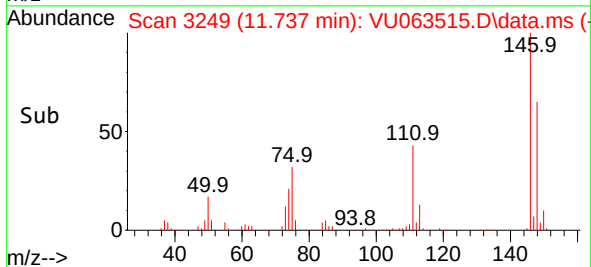
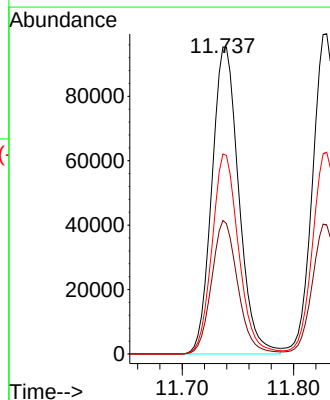
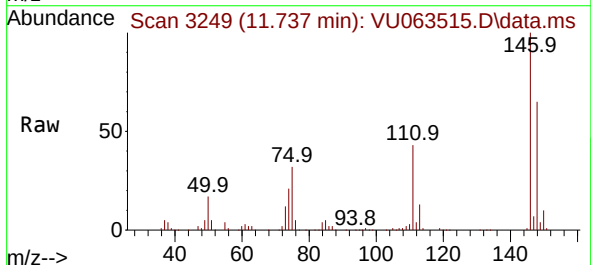
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

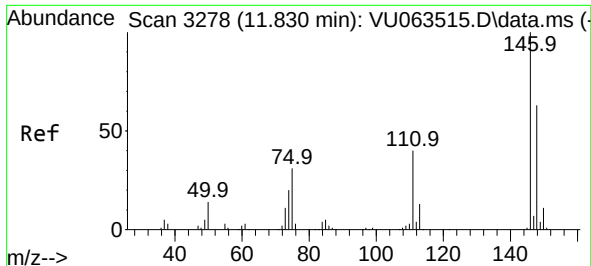
Tgt Ion:119 Resp: 325219
Ion Ratio Lower Upper
119 100
134 26.4 21.1 31.7
91 24.8 19.8 29.8



#82
1,3-Dichlorobenzene
Concen: 10.603 ug/l
RT: 11.737 min Scan# 3249
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

Tgt Ion:146 Resp: 160312
Ion Ratio Lower Upper
146 100
111 42.2 33.8 50.6
148 64.4 51.5 77.3

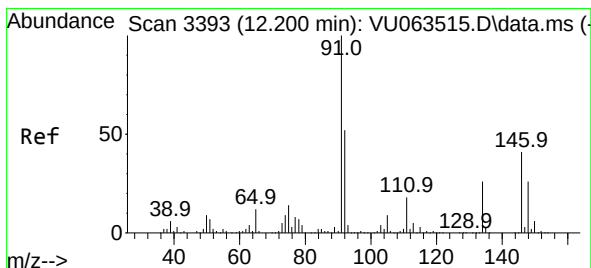
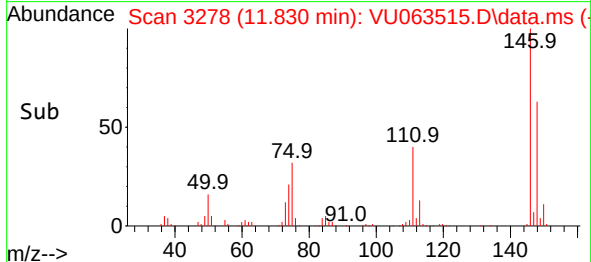
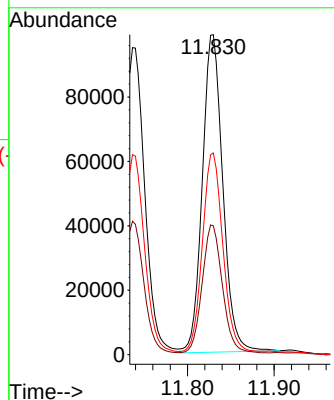
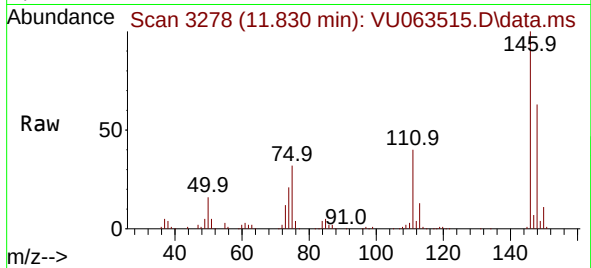




#83
1,4-Dichlorobenzene
Concen: 10.702 ug/l
RT: 11.830 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

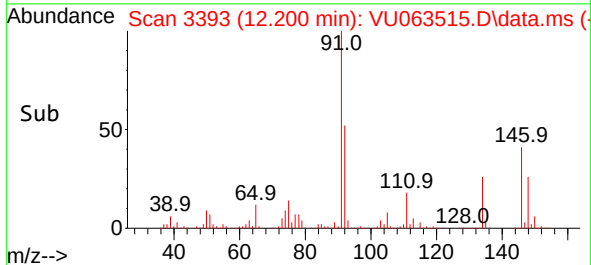
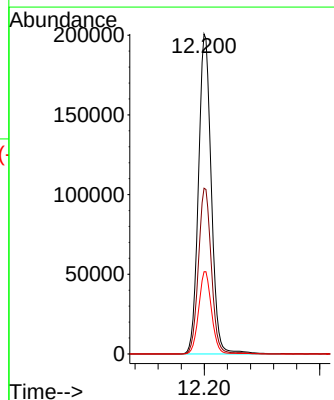
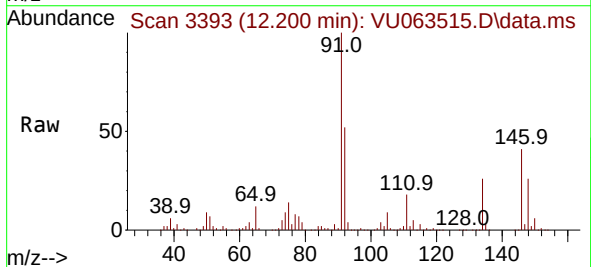
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

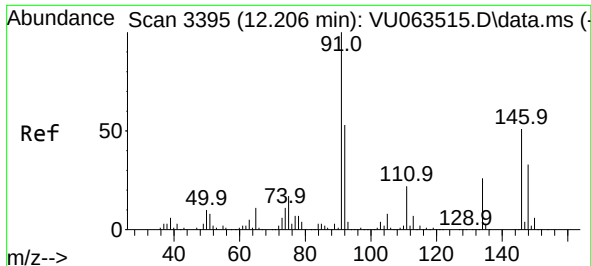
Tgt Ion:146 Resp: 161963
Ion Ratio Lower Upper
146 100
111 40.0 32.0 48.0
148 62.7 50.2 75.2



#84
n-Butylbenzene
Concen: 11.063 ug/l
RT: 12.200 min Scan# 3393
Delta R.T. -0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

Tgt Ion: 91 Resp: 308761
Ion Ratio Lower Upper
91 100
92 51.9 41.5 62.3
134 25.7 20.6 30.8

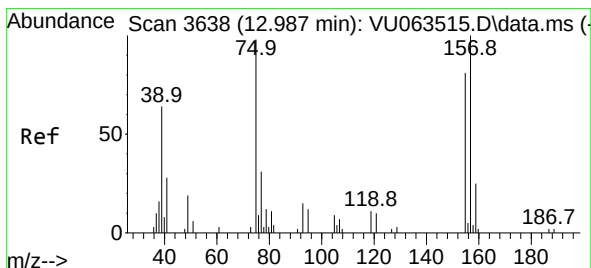
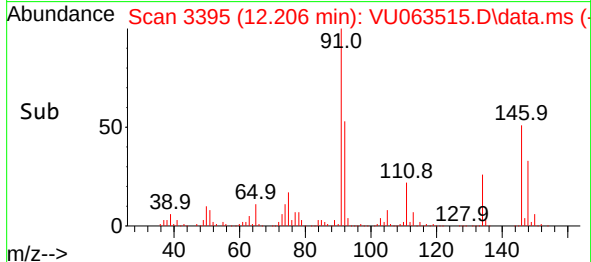
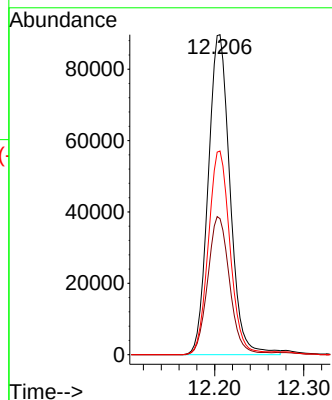
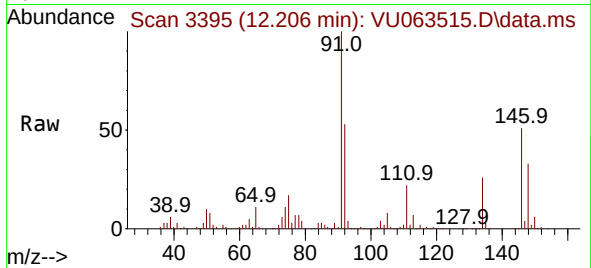




#85
 1,2-Dichlorobenzene
 Concen: 10.716 ug/l
 RT: 12.206 min Scan# 3395
 Delta R.T. 0.000 min
 Lab File: VU063515.D
 Acq: 16 Jul 2025 11:37

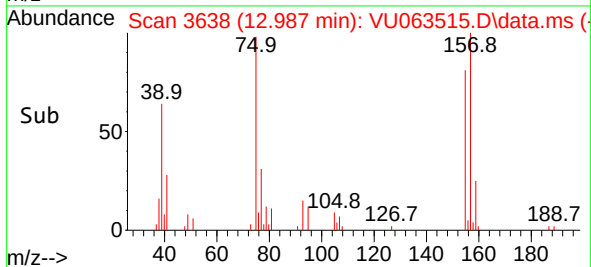
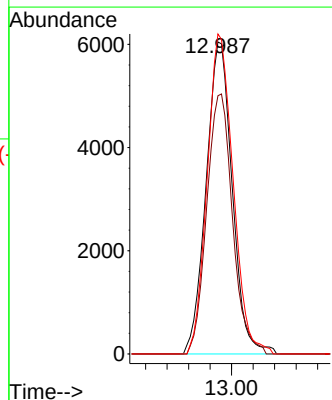
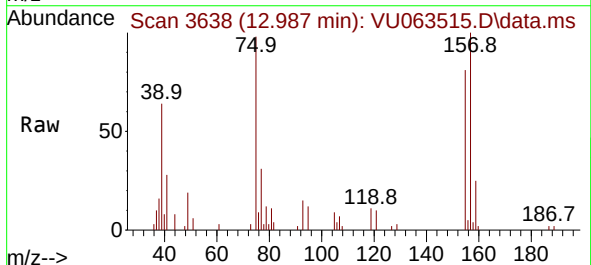
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

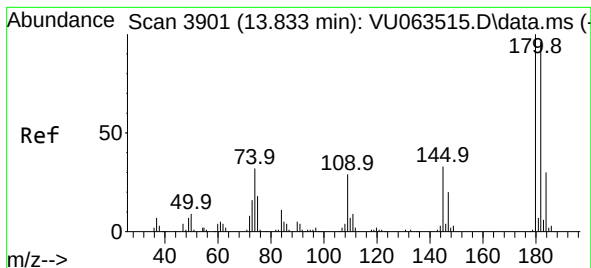
Tgt Ion:146 Resp: 152208
 Ion Ratio Lower Upper
 146 100
 111 43.4 21.7 65.1
 148 63.5 31.8 95.3



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 10.093 ug/l
 RT: 12.987 min Scan# 3638
 Delta R.T. 0.000 min
 Lab File: VU063515.D
 Acq: 16 Jul 2025 11:37

Tgt Ion: 75 Resp: 10205
 Ion Ratio Lower Upper
 75 100
 155 82.2 65.8 98.6
 157 101.8 81.4 122.2





#87

1,2,4-Trichlorobenzene

Concen: 11.107 ug/l

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU063515.D

Acq: 16 Jul 2025 11:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

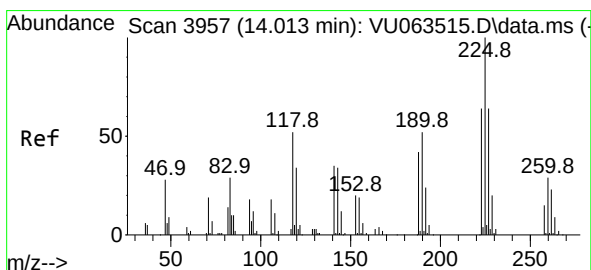
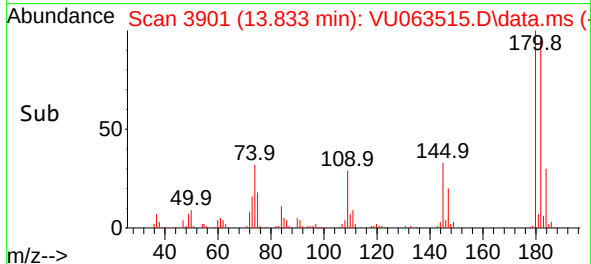
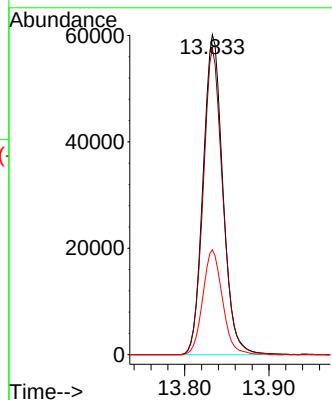
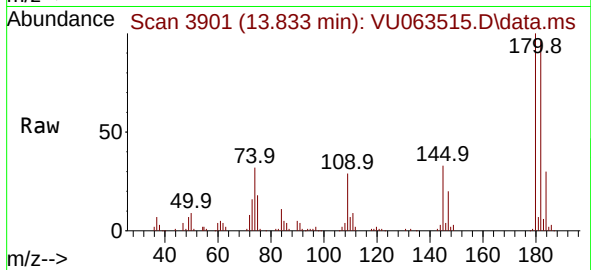
Tgt Ion:180 Resp: 98105

Ion Ratio Lower Upper

180 100

182 95.3 76.2 114.4

145 32.7 26.2 39.2



#88

Hexachlorobutadiene

Concen: 10.718 ug/l

RT: 14.013 min Scan# 3957

Delta R.T. 0.000 min

Lab File: VU063515.D

Acq: 16 Jul 2025 11:37

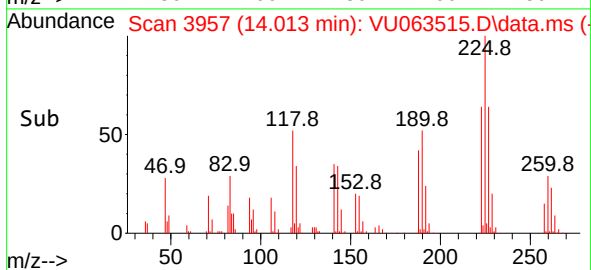
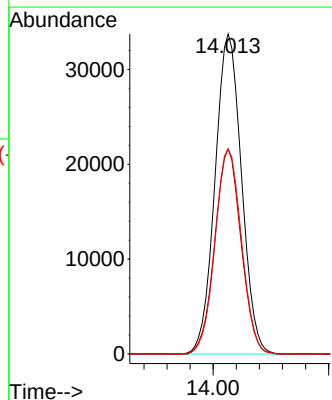
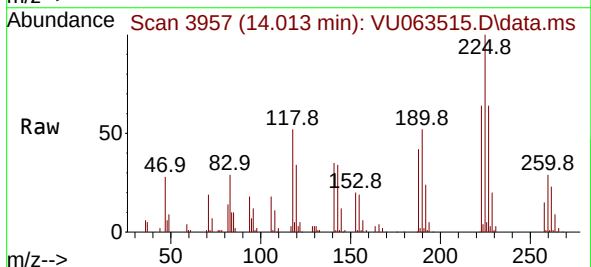
Tgt Ion:225 Resp: 53764

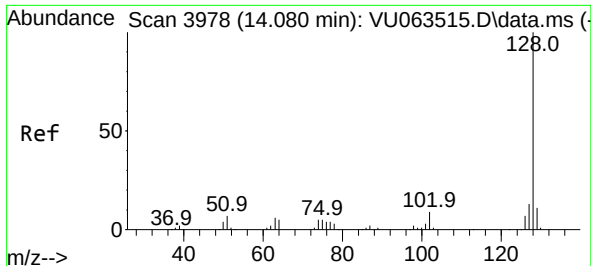
Ion Ratio Lower Upper

225 100

223 63.5 50.8 76.2

227 63.8 51.0 76.6

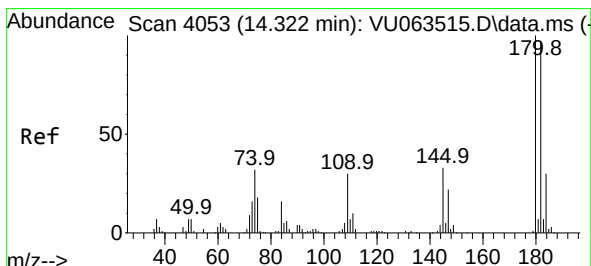
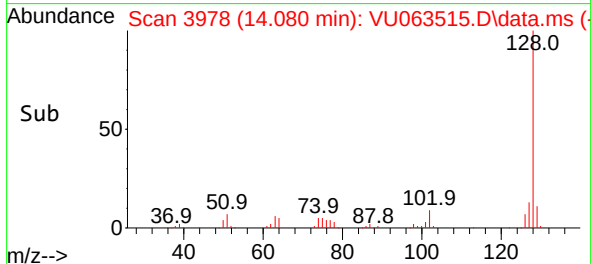
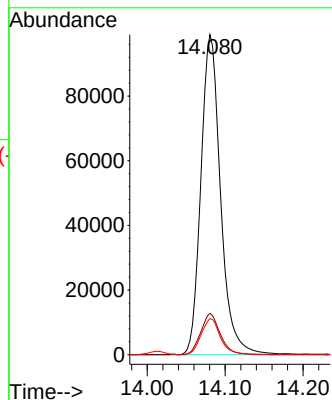
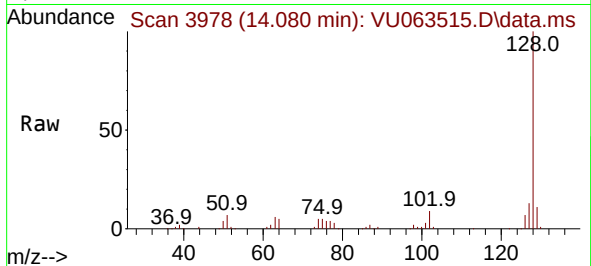




#89
Naphthalene
Concen: 10.937 ug/l
RT: 14.080 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion:	128	Resp:	173115
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	11.0	8.8	13.2



#90
1,2,3-Trichlorobenzene
Concen: 11.015 ug/l
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU063515.D
Acq: 16 Jul 2025 11:37

Tgt Ion:	180	Resp:	89908
Ion	Ratio	Lower	Upper
180	100		
182	97.5	78.0	117.0
145	34.1	27.3	40.9

