

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071625\
 Data File : VU063517.D
 Acq On : 16 Jul 2025 14:19
 Operator : MD/SY
 Sample : VSTDICV010
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICSVU071625

Quant Time: Jul 17 03:27:07 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	22543	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	10918	1.279	ug/l	0.00
Spiked Amount 1.000			Recovery	=	128.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	9055	1.147	ug/l	0.00
Spiked Amount 1.000			Recovery	=	115.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	47518	7.149	ug/l	98
3) Chloromethane	1.518	50	59639	9.652	ug/l	99
4) Vinyl Chloride	1.599	62	75020	9.533	ug/l	99
5) Bromomethane	1.846	94	57124	9.626	ug/l	97
6) Chloroethane	1.924	64	48669	10.243	ug/l	100
7) Trichlorofluoromethane	2.129	101	117095	10.364	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.567	101	67543	11.439	ug/l	98
9) 1,1-Dichloroethene	2.567	96	68402	11.688	ug/l	95
10) Iodomethane	2.708	142	78640	9.080	ug/l	98
11) Allyl Chloride	2.907	41	104721	12.385	ug/l	99
12) Acrylonitrile	3.306	53	78654	53.704	ug/l	97
13) Acetone	2.618	43	76920	65.587	ug/l	100
14) Carbon Disulfide	2.776	76	197248	10.434	ug/l	99
15) Methylene Chloride	3.026	84	76711	11.133	ug/l	98
16) trans-1,2-Dichloroethene	3.332	96	71158	10.705	ug/l	98
17) 1,1-Dichloroethane	3.846	63	140320	11.390	ug/l	100
18) 2-Butanone	4.714	43	107346	59.104	ug/l	99
19) Cyclohexane	5.357	56	120201	11.523	ug/l	100
20) Methylcyclohexane	6.743	83	103883	10.246	ug/l	98
21) 2,2-Dichloropropane	4.644	77	118031	11.251	ug/l	100
22) cis-1,2-Dichloroethene	4.647	96	84773	11.753	ug/l	97
23) Diethyl Ether	2.370	59	48588	10.895	ug/l	99
24) tert-Butyl Alcohol	3.194	59	29533	54.858	ug/l	99
25) Methyl tert-Butyl Ether	3.361	73	182299	11.931	ug/l	99
26) Bromochloromethane	4.956	128	32227	10.701	ug/l	95
27) Chloroform	5.068	83	141992	11.295	ug/l	100
28) 1,1,1-Trichloroethane	5.293	97	124774	11.694	ug/l	100
29) 1,1-Dichloropropene	5.499	75	104813	10.604	ug/l	97
30) Carbon Tetrachloride	5.496	117	102031	11.881	ug/l	96
31) Isopropyl Ether	3.994	45	217473	11.694	ug/l #	1
33) Tert-Amyl methyl ether	5.753	73	4070	0.272	ug/l #	1
34) Propionitrile	4.775	54	61045	110.315	ug/l	96
35) Benzene	5.753	78	251880	9.485	ug/l	99
36) 1,2-Dichloroethane	5.782	62	75983	9.208	ug/l	99
37) Trichloroethene	6.525	130	66834	9.864	ug/l	95
38) 1,2-Dichloropropane	6.782	63	63102	10.152	ug/l	98
39) Methacrylonitrile	4.972	41	25678	10.571	ug/l	98
40) Methyl acrylate	4.846	55	39416	10.962	ug/l #	95
41) Tetrahydrofuran	5.062	42	67337	52.040	ug/l	97
42) 1-Chlorobutane	5.435	56	151540	11.532	ug/l	99
43) Dibromomethane	6.907	93	35899	11.149	ug/l	97
44) Bromodichloromethane	7.094	83	84311	11.611	ug/l	97
45) 4-Methyl-2-Pentanone	7.795	43	190879	57.520	ug/l	100

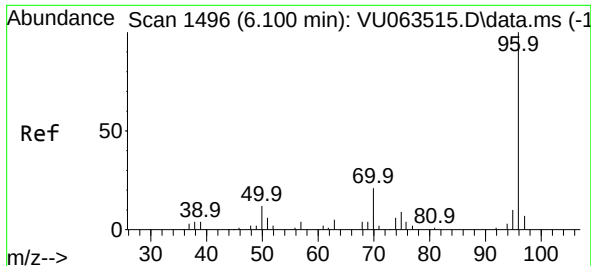
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jul 17 03:16:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) t-1,4-Dichloro-2-butene	10.814	75	52254	44.382	ug/l #	46
47) Methyl methacrylate	6.965	69	30655	11.336	ug/l	92
48) Ethyl methacrylate	8.332	69	62257	12.064	ug/l	100
49) Toluene	7.959	92	167696	11.565	ug/l	97
50) t-1,3-Dichloropropene	8.203	75	69274	12.160	ug/l	99
51) cis-1,3-Dichloropropene	7.599	75	87222	11.406	ug/l	99
52) 1,1,2-Trichloroethane	8.393	97	47565	10.973	ug/l	98
53) 1,3-Dichloropropane	8.566	76	81190	10.849	ug/l	99
54) 2-Hexanone	8.685	43	130609	59.254	ug/l	99
55) Dibromochloromethane	8.801	129	56885	12.417	ug/l	99
56) 1,2-Dibromoethane	8.917	107	42078	10.846	ug/l	98
58) Tetrachloroethene	8.541	164	70149	11.312	ug/l	98
59) Chlorobenzene	9.438	112	192479	11.557	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.524	131	58716	10.964	ug/l	98
61) Pentachloroethane	11.418	117	46643	12.325	ug/l	98
62) Hexachloroethane	12.466	117	46374	12.375	ug/l	100
63) Ethyl Benzene	9.560	91	327850	11.440	ug/l	100
64) m/p-Xylenes	9.685	106	261516	23.477	ug/l	98
65) o-Xylene	10.090	106	128236	11.980	ug/l	99
66) Styrene	10.106	104	207563	12.168	ug/l	99
67) Bromoform	10.283	173	28453	12.093	ug/l	100
69) Isopropylbenzene	10.476	105	336555	13.006	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.775	83	56769	10.762	ug/l	99
71) 1,2,3-Trichloropropane	10.814	75	52254	12.139	ug/l #	92
72) Bromobenzene	10.775	156	77499	11.605	ug/l	99
73) n-propylbenzene	10.897	120	92519	11.877	ug/l	100
74) 2-Chlorotoluene	10.978	126	81148	11.787	ug/l	97
75) 1,3,5-Trimethylbenzene	11.081	105	296624	11.999	ug/l	98
76) 4-Chlorotoluene	11.090	126	83551	11.950	ug/l	96
77) tert-Butylbenzene	11.412	119	282930	11.976	ug/l	100
78) 1,2,4-Trimethylbenzene	11.460	105	296010	12.070	ug/l	99
79) sec-Butylbenzene	11.634	105	381524	11.975	ug/l	99
80) Nitrobenzene	13.216	77	625	8.023	ug/l #	47
81) p-Isopropyltoluene	11.785	119	326583	12.280	ug/l	99
82) 1,3-Dichlorobenzene	11.737	146	159160	11.911	ug/l	99
83) 1,4-Dichlorobenzene	11.830	146	155981	11.662	ug/l	97
84) n-Butylbenzene	12.200	91	300975	12.202	ug/l	98
85) 1,2-Dichlorobenzene	12.206	146	150510	11.990	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.987	75	9053	10.124	ug/l	99
87) 1,2,4-Trichlorobenzene	13.833	180	98543	12.623	ug/l	100
88) Hexachlorobutadiene	14.013	225	51315	11.575	ug/l	98
89) Naphthalene	14.081	128	165643	11.841	ug/l	99
90) 1,2,3-Trichlorobenzene	14.322	180	85042	11.788	ug/l	98

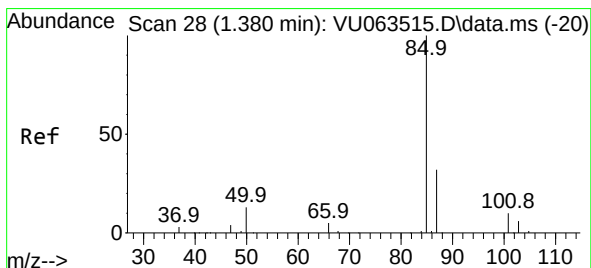
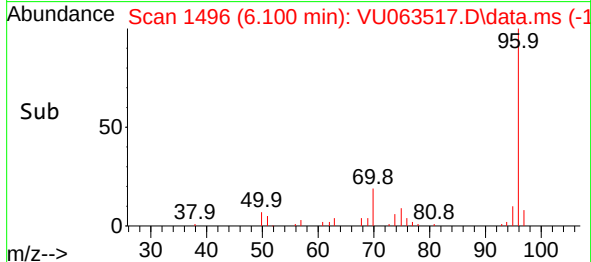
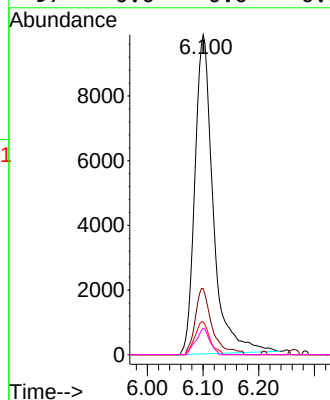
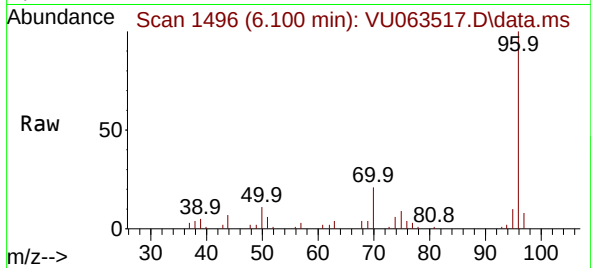
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.100 min Scan# 1496
Delta R.T. 0.000 min
Lab File: VU063517.D
Acq: 16 Jul 2025 14:19

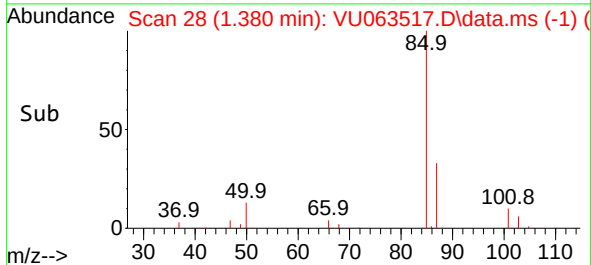
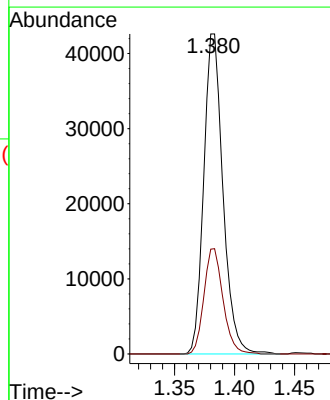
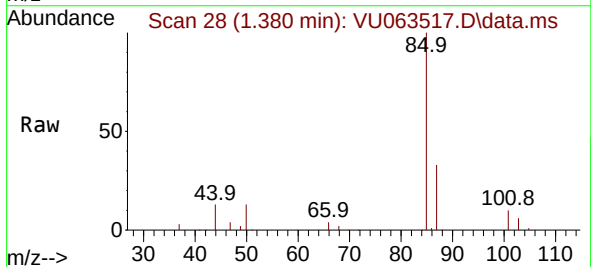
Instrument :
MSVOA_U
ClientSampleId :
ICVVU071625

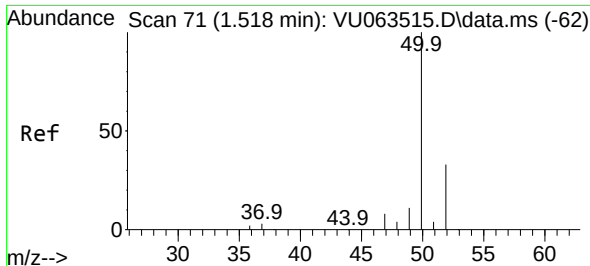
Tgt Ion:	96	Resp:	22543
Ion	Ratio	Lower	Upper
96	100		
70	19.0	15.0	22.4
95	8.3	7.4	11.0
97	0.0	0.0	0.0



#2
Dichlorodifluoromethane
Concen: 7.149 ug/l
RT: 1.380 min Scan# 28
Delta R.T. 0.000 min
Lab File: VU063517.D
Acq: 16 Jul 2025 14:19

Tgt Ion:	85	Resp:	47518
Ion	Ratio	Lower	Upper
85	100		
87	32.8	16.0	47.9

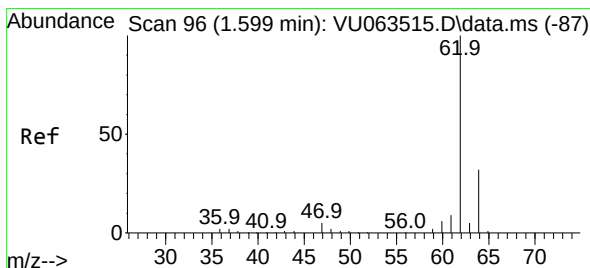
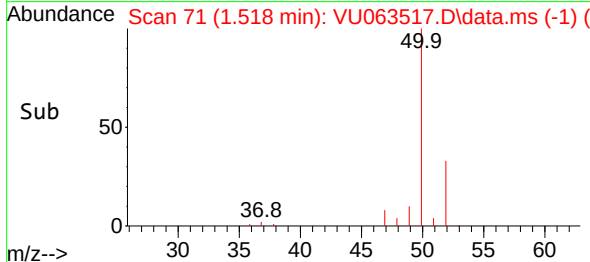
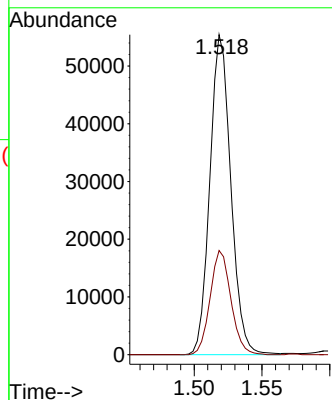
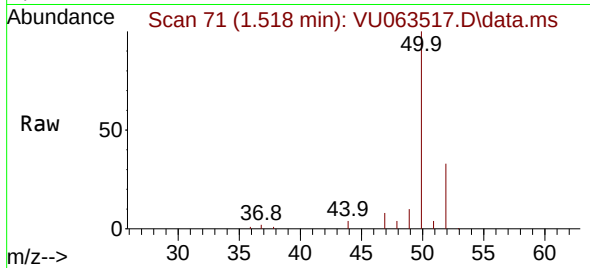




#3
Chloromethane
Concen: 9.652 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU063517.D
Acq: 16 Jul 2025 14:19

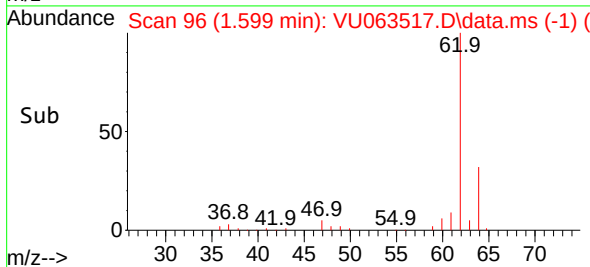
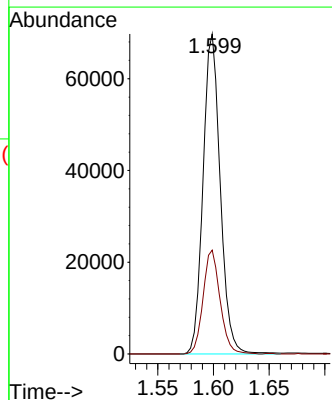
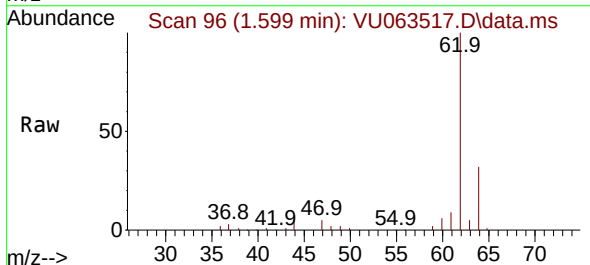
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ClientSampleId :
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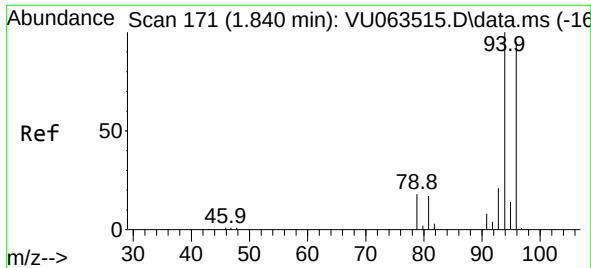
Tgt Ion: 50 Resp: 59639
Ion Ratio Lower Upper
50 100
52 32.6 26.3 39.5



#4
Vinyl Chloride
Concen: 9.533 ug/l
RT: 1.599 min Scan# 96
Delta R.T. 0.000 min
Lab File: VU063517.D
Acq: 16 Jul 2025 14:19

Tgt Ion: 62 Resp: 75020
Ion Ratio Lower Upper
62 100
64 32.4 25.7 38.5

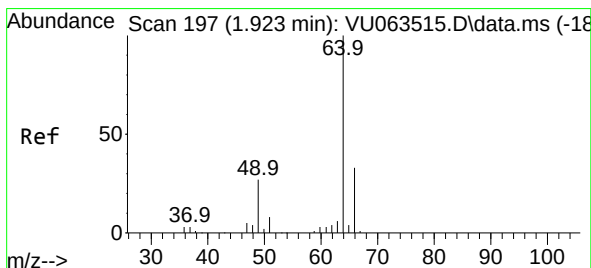
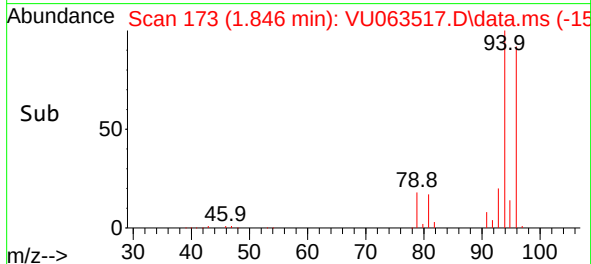
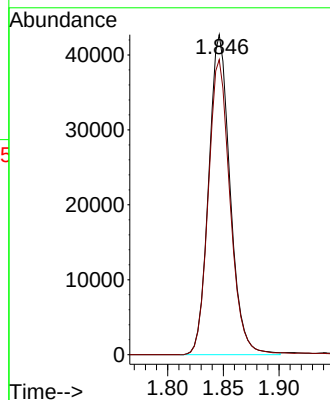
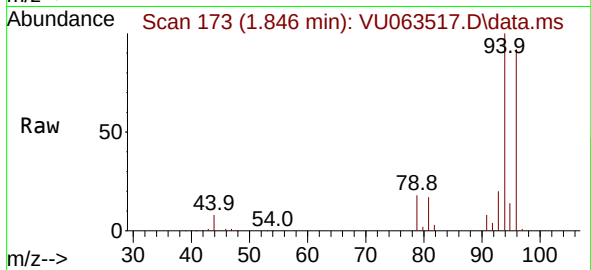




#5
Bromomethane
Concen: 9.626 ug/l
RT: 1.846 min Scan# 171
Delta R.T. 0.007 min
Lab File: VU063517.D
Acq: 16 Jul 2025 14:19

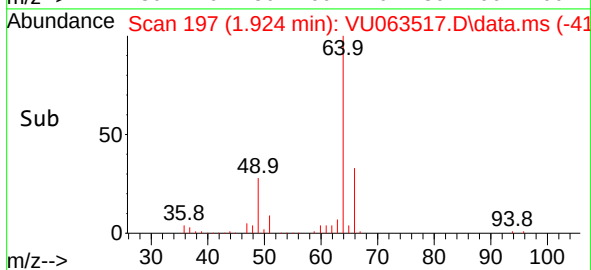
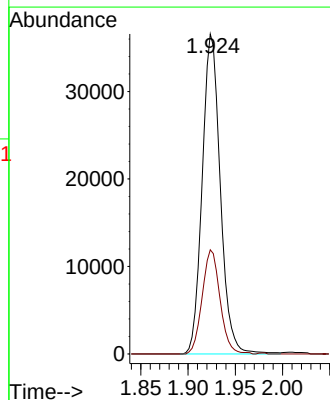
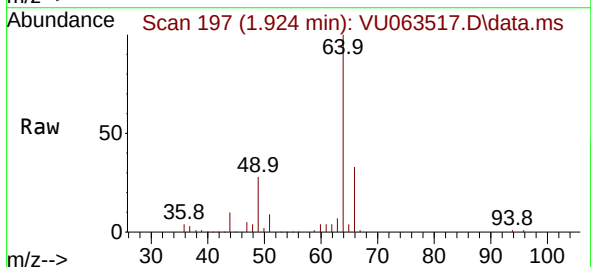
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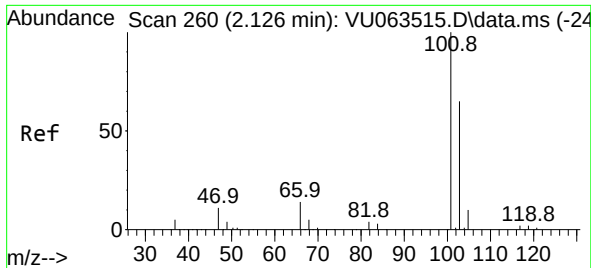
Tgt Ion: 94 Resp: 57124
Ion Ratio Lower Upper
94 100
96 92.2 75.8 113.6



#6
Chloroethane
Concen: 10.243 ug/l
RT: 1.924 min Scan# 197
Delta R.T. 0.000 min
Lab File: VU063517.D
Acq: 16 Jul 2025 14:19

Tgt Ion: 64 Resp: 48669
Ion Ratio Lower Upper
64 100
66 32.5 26.2 39.4

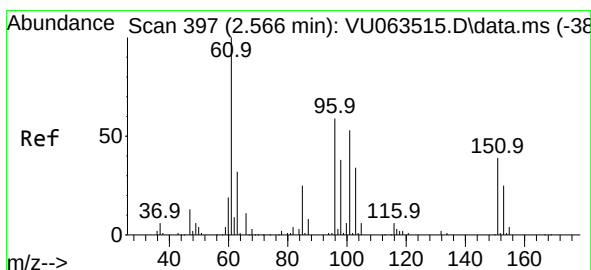
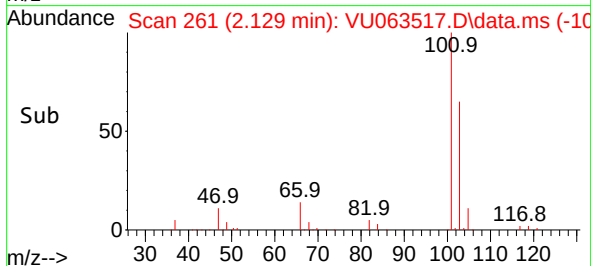
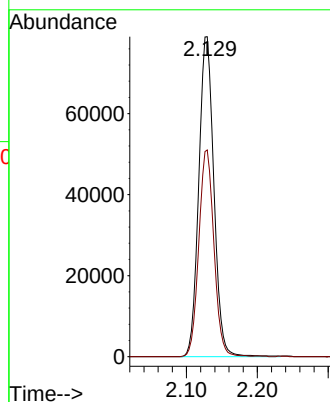
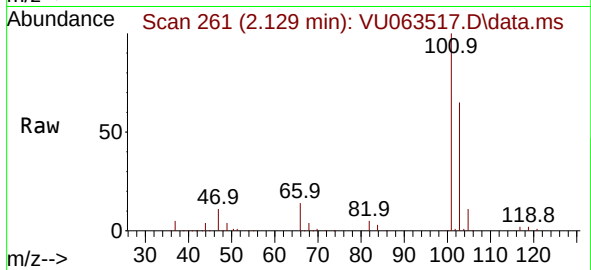




#7
Trichlorofluoromethane
Concen: 10.364 ug/l
RT: 2.129 min Scan# 260
Delta R.T. 0.003 min
Lab File: VU063517.D
Acq: 16 Jul 2025 14:19

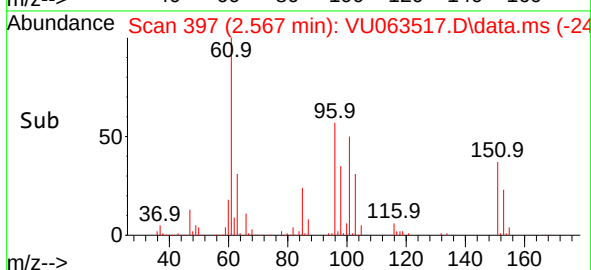
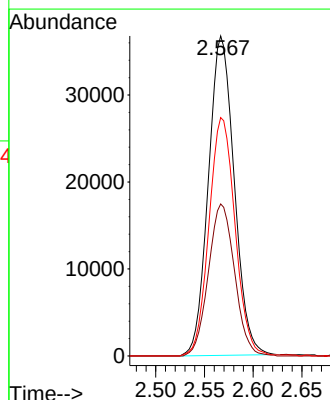
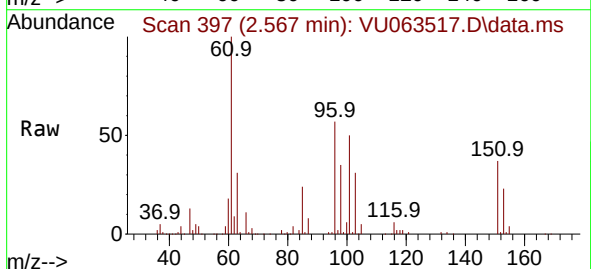
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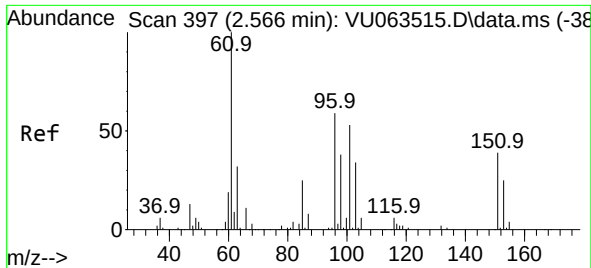
Tgt Ion:101 Resp: 117095
Ion Ratio Lower Upper
101 100
103 64.6 52.2 78.4



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 11.439 ug/l
RT: 2.567 min Scan# 397
Delta R.T. 0.000 min
Lab File: VU063517.D
Acq: 16 Jul 2025 14:19

Tgt Ion:101 Resp: 67543
Ion Ratio Lower Upper
101 100
85 48.3 37.8 56.6
151 75.8 59.2 88.8

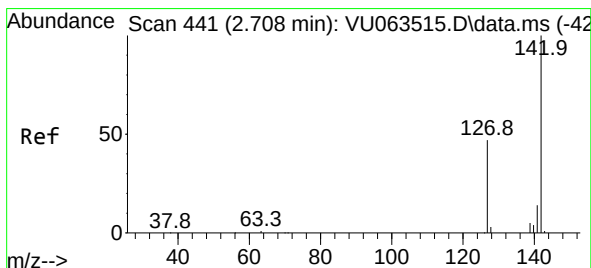
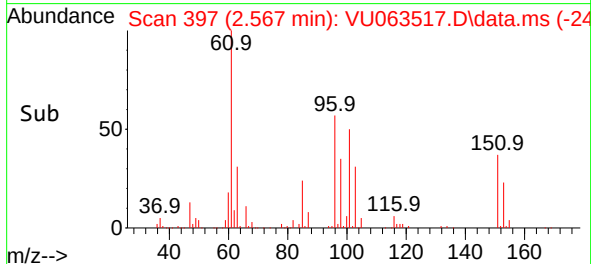
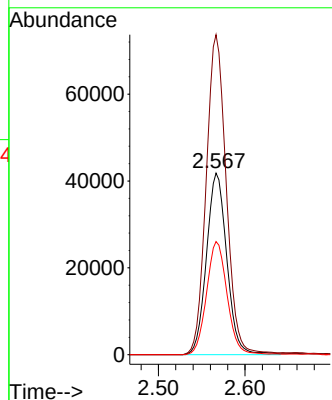
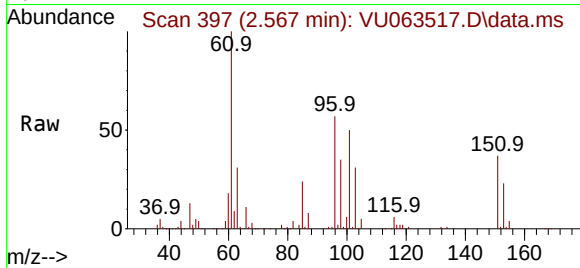




#9
1,1-Dichloroethene
Concen: 11.688 ug/l
RT: 2.567 min Scan# 397
Delta R.T. 0.000 min
Lab File: VU063517.D
Acq: 16 Jul 2025 14:19

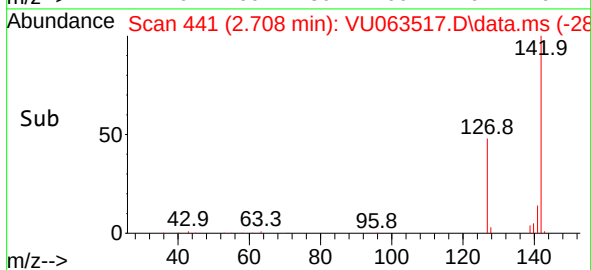
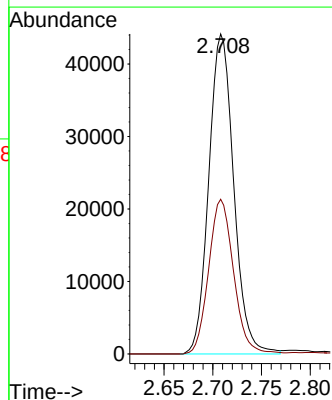
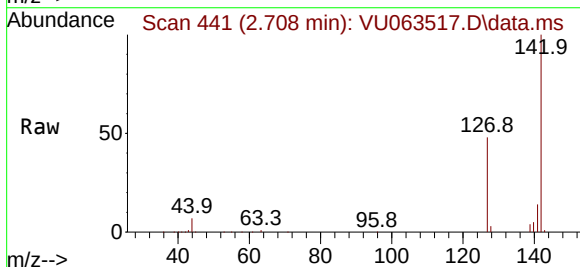
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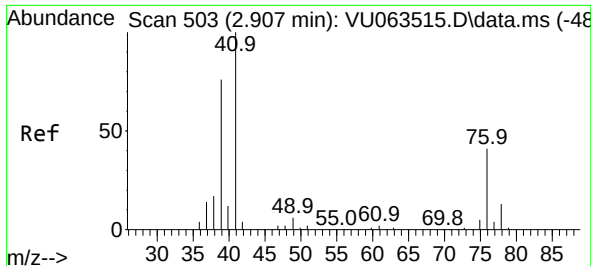
Tgt Ion: 96 Resp: 68402
Ion Ratio Lower Upper
96 100
61 176.2 0.0 504.3
98 62.3 0.0 126.8



#10
Iodomethane
Concen: 9.080 ug/l
RT: 2.708 min Scan# 441
Delta R.T. 0.000 min
Lab File: VU063517.D
Acq: 16 Jul 2025 14:19

Tgt Ion: 142 Resp: 78640
Ion Ratio Lower Upper
142 100
127 48.4 37.9 56.9

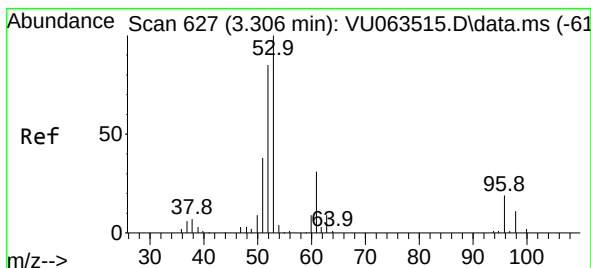
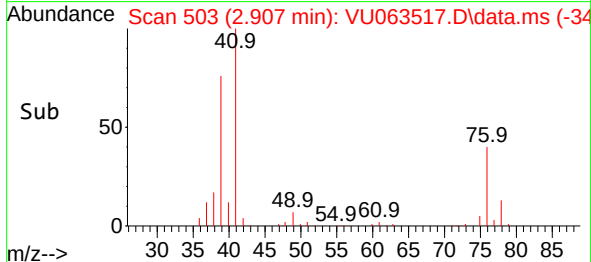
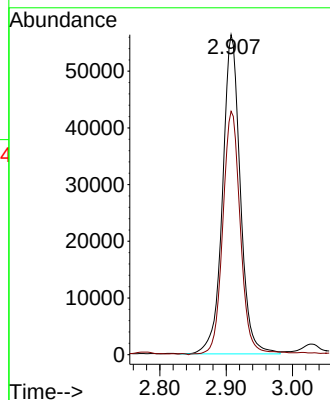
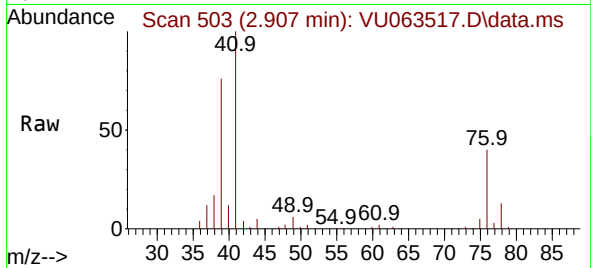




#11
 Allyl Chloride
 Concen: 12.385 ug/l
 RT: 2.907 min Scan# 503
 Delta R.T. 0.000 min
 Lab File: VU063517.D
 Acq: 16 Jul 2025 14:19

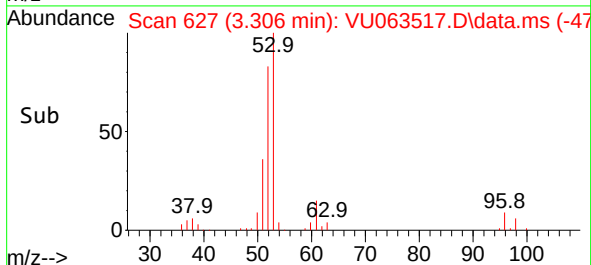
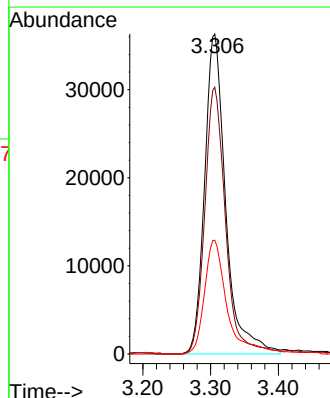
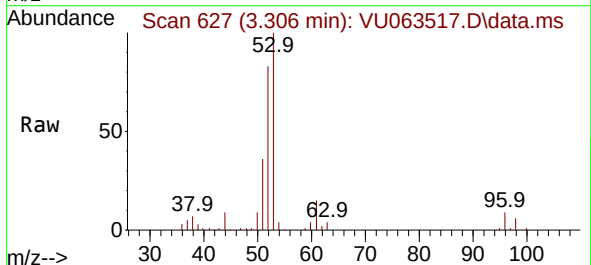
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU071625

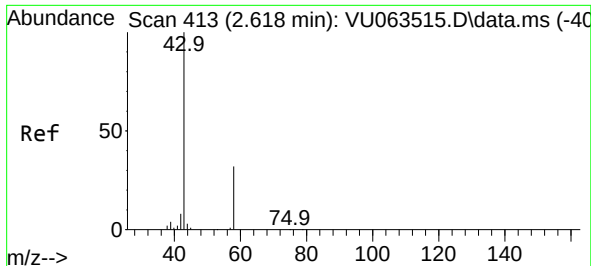
Tgt Ion: 41 Resp: 104721
 Ion Ratio Lower Upper
 41 100
 39 75.9 61.5 92.3



#12
 Acrylonitrile
 Concen: 53.704 ug/l
 RT: 3.306 min Scan# 627
 Delta R.T. 0.000 min
 Lab File: VU063517.D
 Acq: 16 Jul 2025 14:19

Tgt Ion: 53 Resp: 78654
 Ion Ratio Lower Upper
 53 100
 52 81.9 64.3 96.5
 51 38.3 27.8 41.8

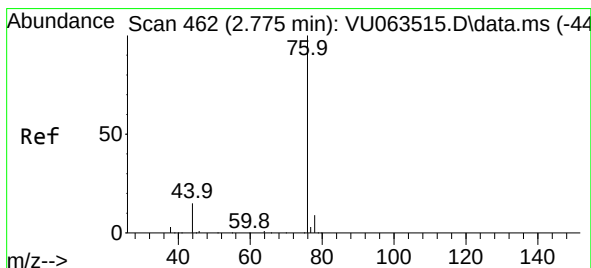
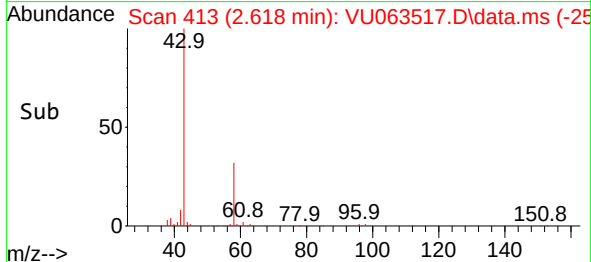
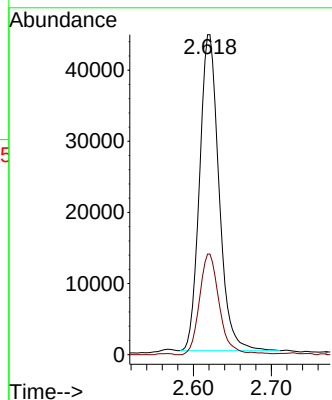
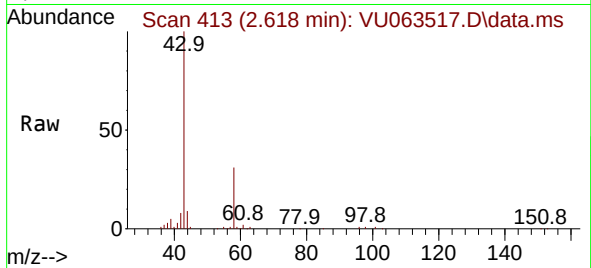




#13
Acetone
Concen: 65.587 ug/l
RT: 2.618 min Scan# 413
Delta R.T. 0.000 min
Lab File: VU063517.D
Acq: 16 Jul 2025 14:19

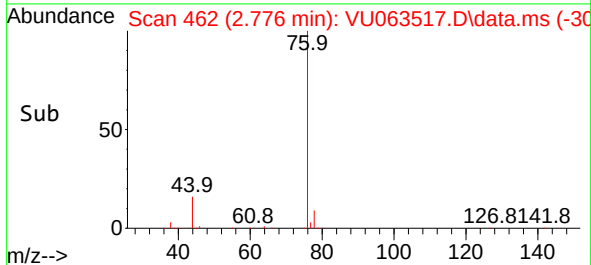
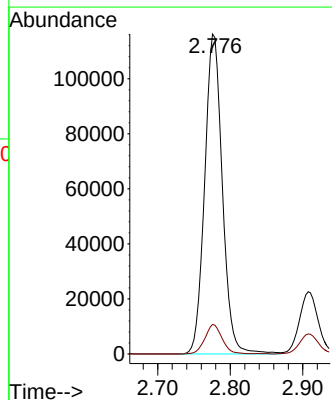
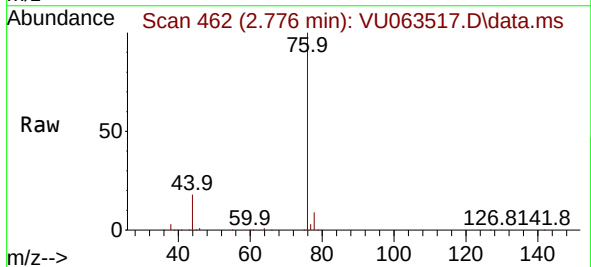
Instrument :
MSVOA_U
ClientSampleId :
ICVVU071625

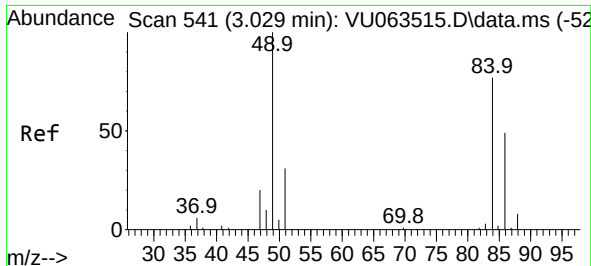
Tgt Ion: 43 Resp: 76920
Ion Ratio Lower Upper
43 100
58 31.8 25.4 38.0



#14
Carbon Disulfide
Concen: 10.434 ug/l
RT: 2.776 min Scan# 462
Delta R.T. 0.000 min
Lab File: VU063517.D
Acq: 16 Jul 2025 14:19

Tgt Ion: 76 Resp: 197248
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6

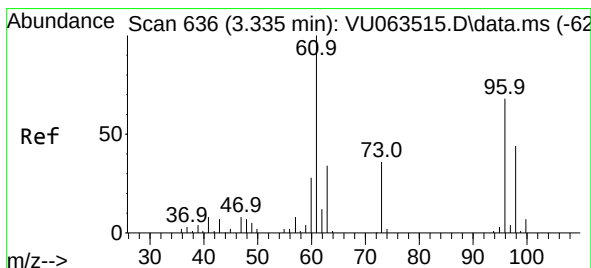
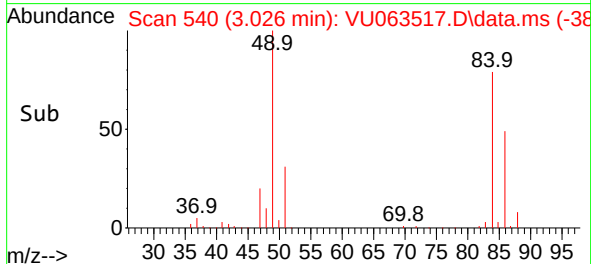
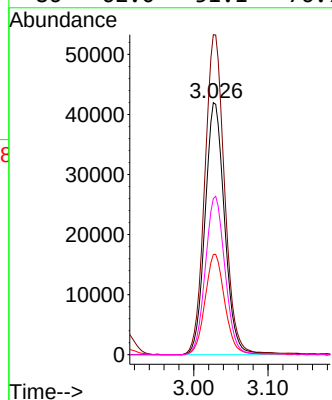
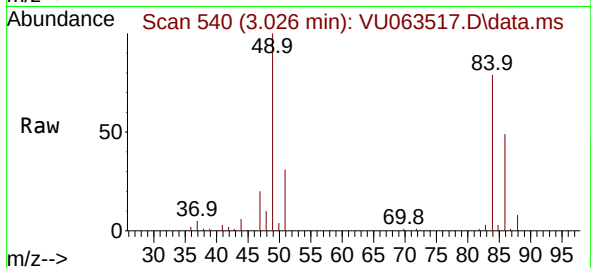




#15
Methylene Chloride
Concen: 11.133 ug/l
RT: 3.026 min Scan# 541
Delta R.T. -0.003 min
Lab File: VU063517.D
Acq: 16 Jul 2025 14:19

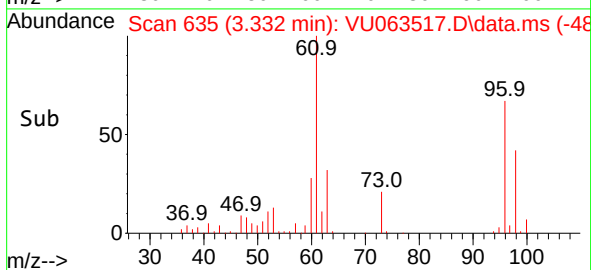
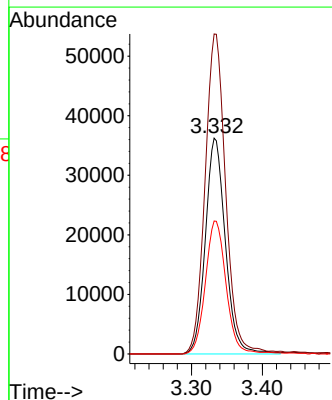
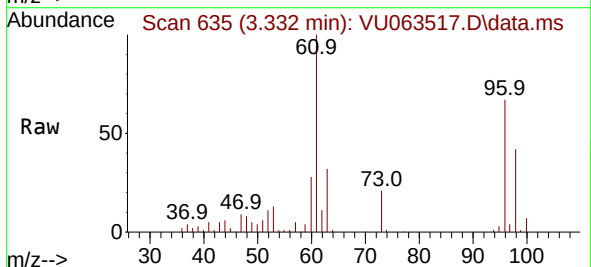
Instrument :
MSVOA_U
ClientSampleId :
ICVVU071625

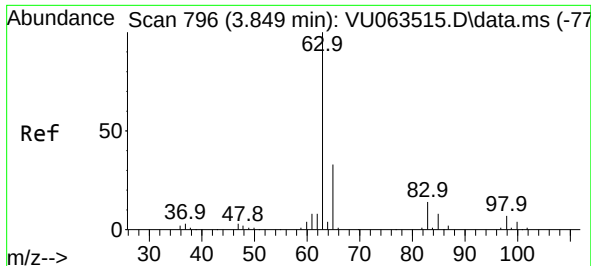
Tgt Ion:	84	Resp:	76711
Ion	Ratio	Lower	Upper
84	100		
49	127.0	103.8	155.8
51	39.8	0.0	80.4
86	62.0	51.1	76.7



#16
trans-1,2-Dichloroethene
Concen: 10.705 ug/l
RT: 3.332 min Scan# 635
Delta R.T. -0.003 min
Lab File: VU063517.D
Acq: 16 Jul 2025 14:19

Tgt Ion:	96	Resp:	71158
Ion	Ratio	Lower	Upper
96	100		
61	148.2	117.2	175.8
98	61.6	51.4	77.2

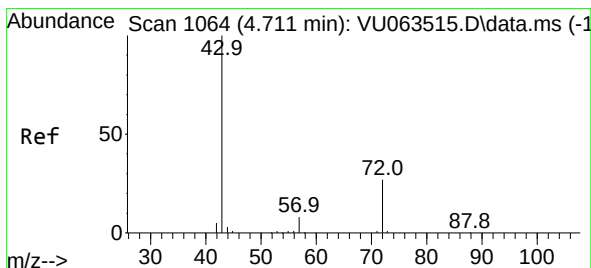
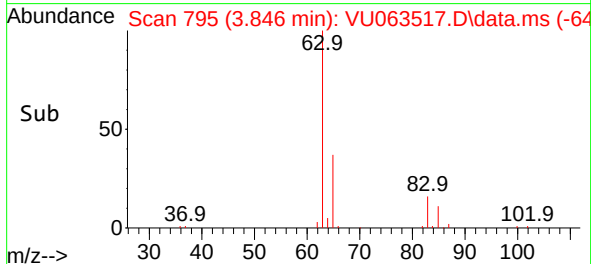
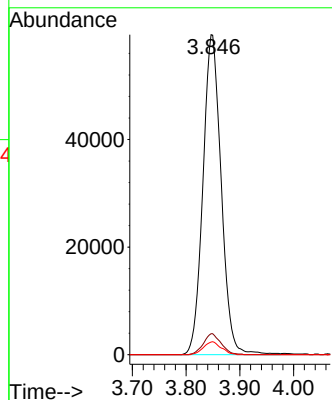
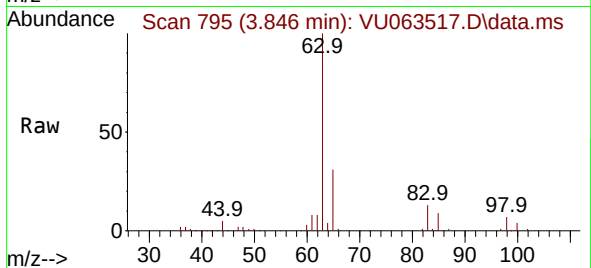




#17
1,1-Dichloroethane
Concen: 11.390 ug/l
RT: 3.846 min Scan# 796
Delta R.T. -0.003 min
Lab File: VU063517.D
Acq: 16 Jul 2025 14:19

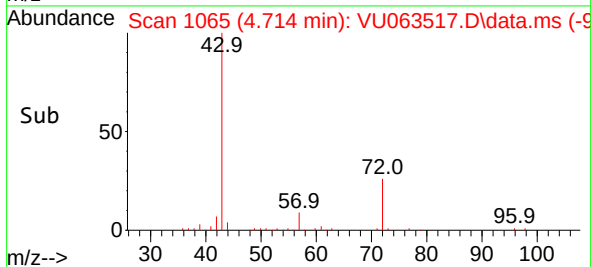
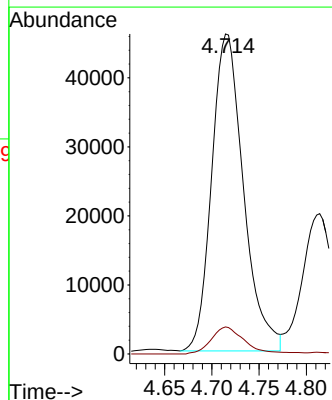
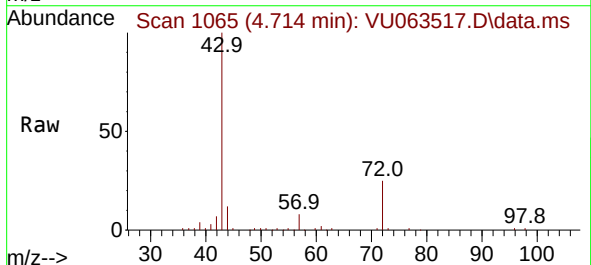
Instrument :
MSVOA_U
ClientSampleId :
ICVVU071625

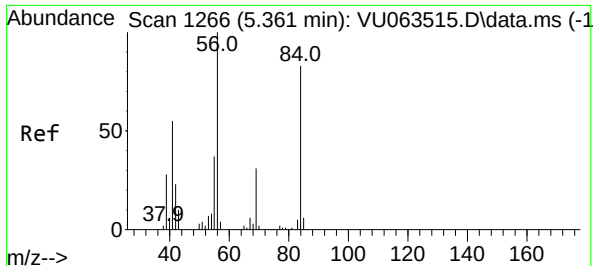
Tgt Ion: 63 Resp: 140320
Ion Ratio Lower Upper
63 100
98 7.0 3.4 10.2
100 4.0 2.1 6.2



#18
2-Butanone
Concen: 59.104 ug/l
RT: 4.714 min Scan# 1065
Delta R.T. 0.003 min
Lab File: VU063517.D
Acq: 16 Jul 2025 14:19

Tgt Ion: 43 Resp: 107346
Ion Ratio Lower Upper
43 100
57 8.5 0.0 16.4





#19

Cyclohexane

Concen: 11.523 ug/l

RT: 5.357 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU063517.D

Acq: 16 Jul 2025 14:19

Instrument :

MSVOA_U

ClientSampleId :

ICVVU071625

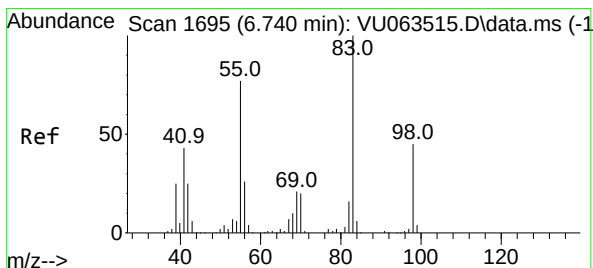
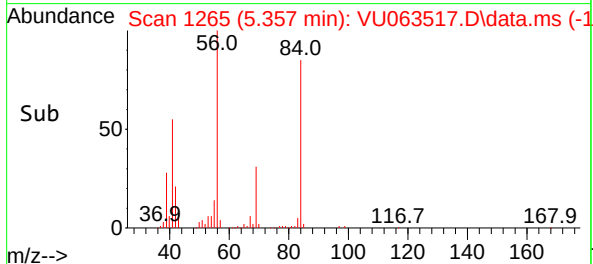
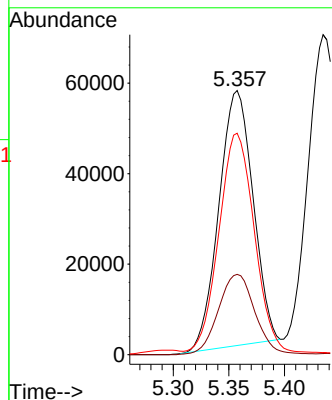
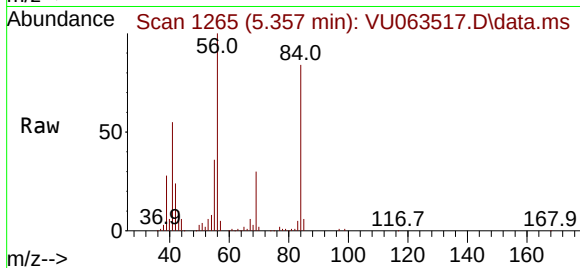
Tgt Ion: 56 Resp: 120201

Ion Ratio Lower Upper

56 100

69 33.2 26.6 39.8

84 88.4 71.0 106.4



#20

Methylcyclohexane

Concen: 10.246 ug/l

RT: 6.743 min Scan# 1696

Delta R.T. 0.003 min

Lab File: VU063517.D

Acq: 16 Jul 2025 14:19

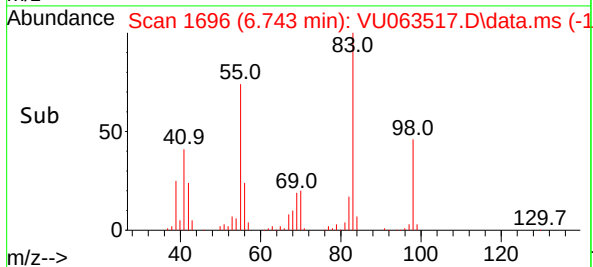
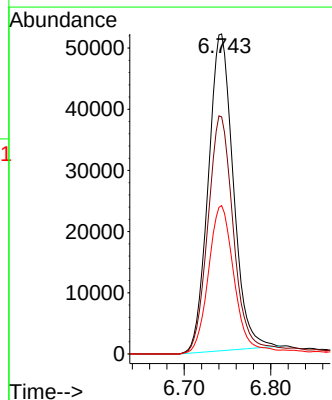
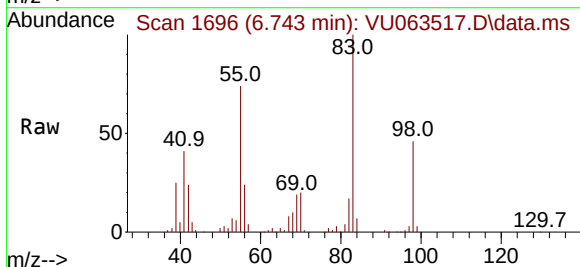
Tgt Ion: 83 Resp: 103883

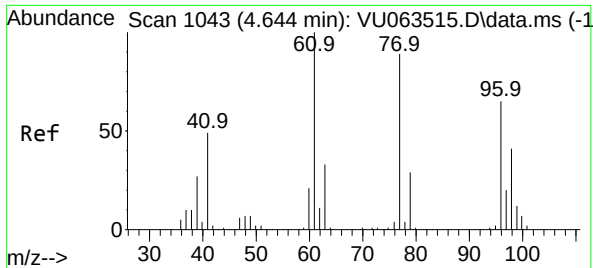
Ion Ratio Lower Upper

83 100

55 75.1 60.6 90.8

98 48.3 35.8 53.8

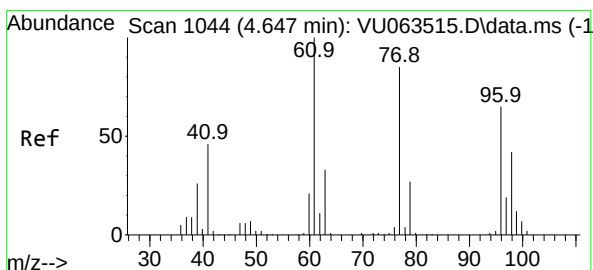
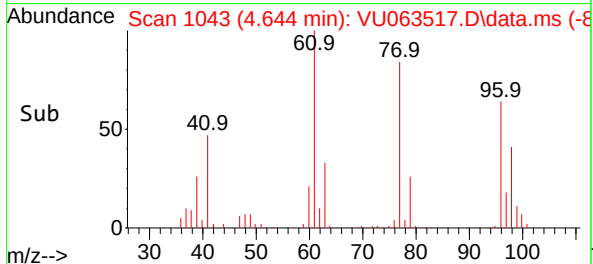
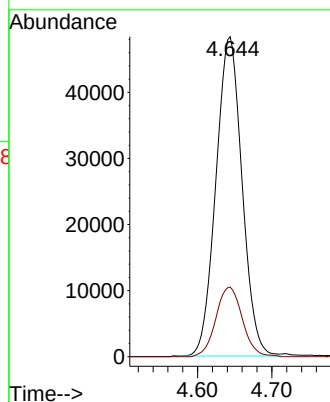
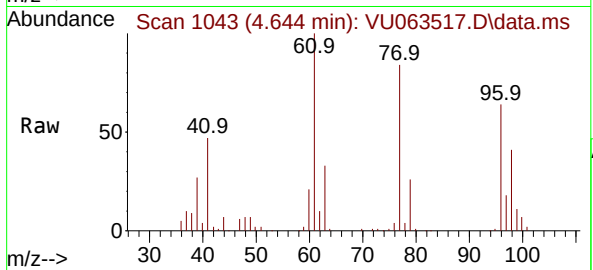




#21
2,2-Dichloropropane
Concen: 11.251 ug/l
RT: 4.644 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VU063517.D
Acq: 16 Jul 2025 14:19

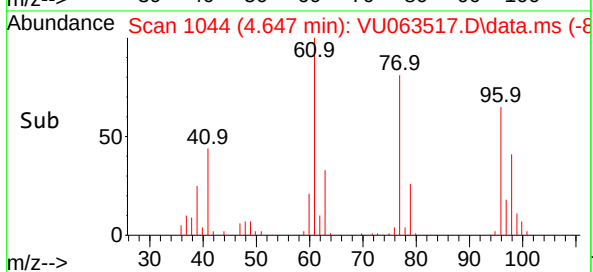
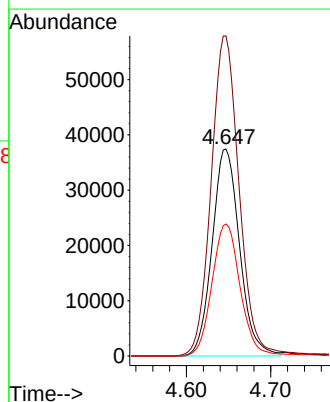
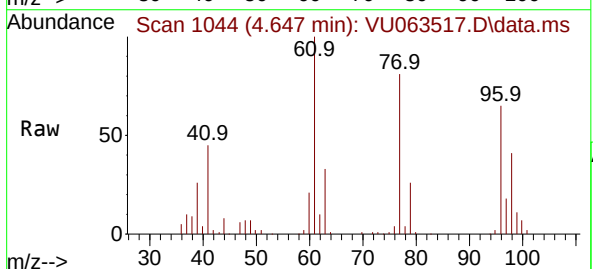
Instrument :
MSVOA_U
ClientSampleId :
ICVVU071625

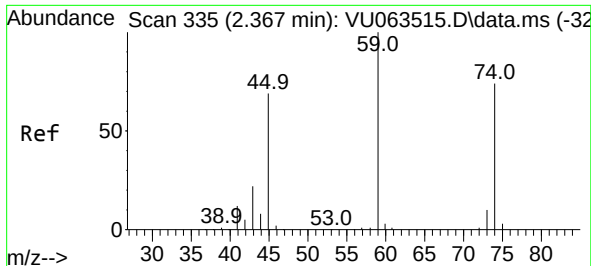
Tgt Ion: 77 Resp: 118031
Ion Ratio Lower Upper
77 100
97 22.1 17.8 26.8



#22
cis-1,2-Dichloroethene
Concen: 11.753 ug/l
RT: 4.647 min Scan# 1044
Delta R.T. 0.000 min
Lab File: VU063517.D
Acq: 16 Jul 2025 14:19

Tgt Ion: 96 Resp: 84773
Ion Ratio Lower Upper
96 100
61 158.2 0.0 384.7
98 65.6 32.1 96.3

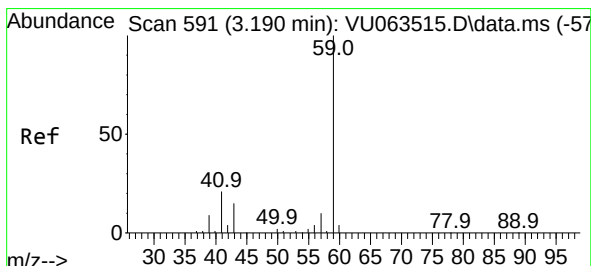
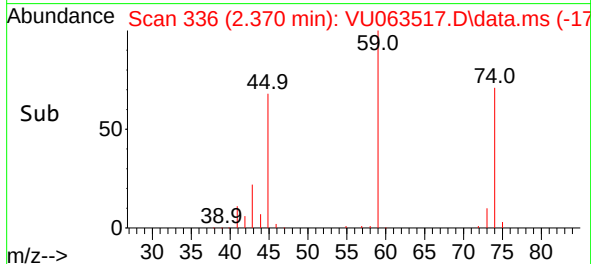
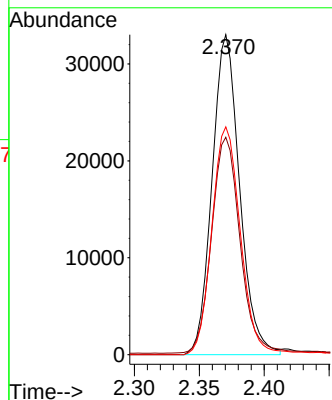
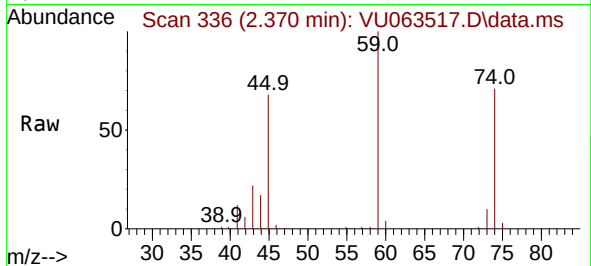




#23
Diethyl Ether
Concen: 10.895 ug/l
RT: 2.370 min Scan# 335
Delta R.T. 0.003 min
Lab File: VU063517.D
Acq: 16 Jul 2025 14:19

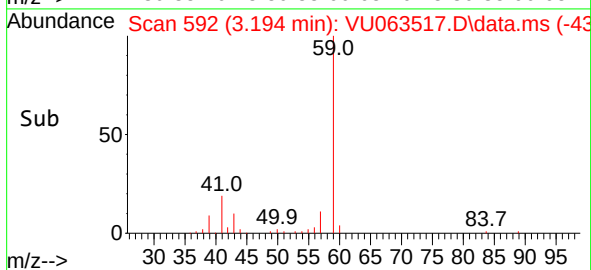
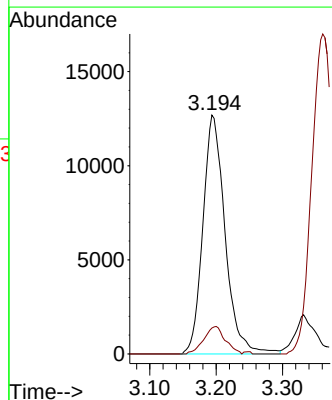
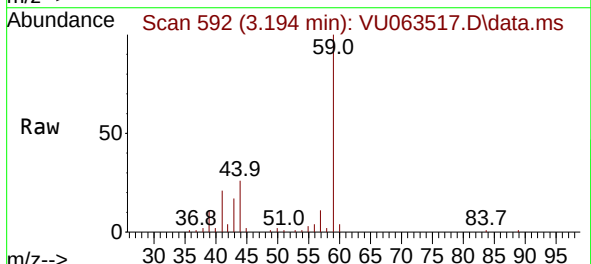
Instrument :
MSVOA_U
ClientSampleId :
ICVVU071625

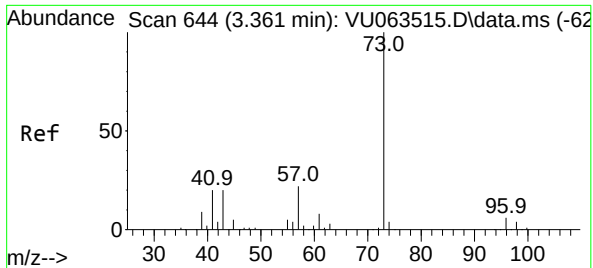
Tgt Ion: 59 Resp: 48588
Ion Ratio Lower Upper
59 100
45 69.6 55.1 82.7
74 74.2 58.2 87.4



#24
tert-Butyl Alcohol
Concen: 54.858 ug/l
RT: 3.194 min Scan# 592
Delta R.T. 0.003 min
Lab File: VU063517.D
Acq: 16 Jul 2025 14:19

Tgt Ion: 59 Resp: 29533
Ion Ratio Lower Upper
59 100
57 11.1 8.6 12.8

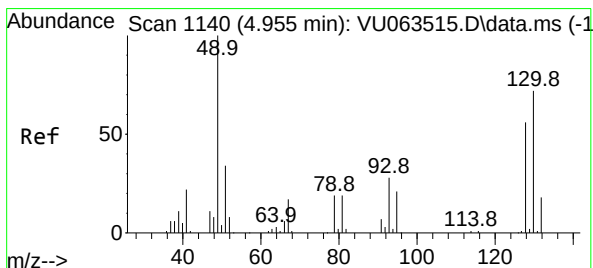
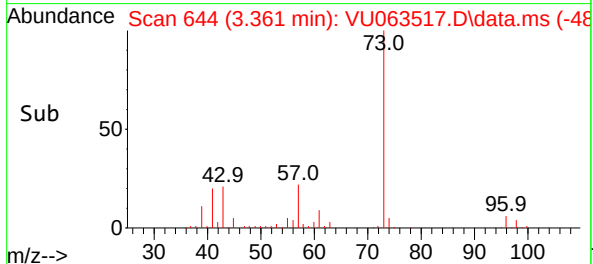
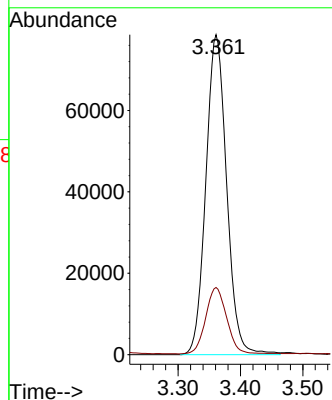
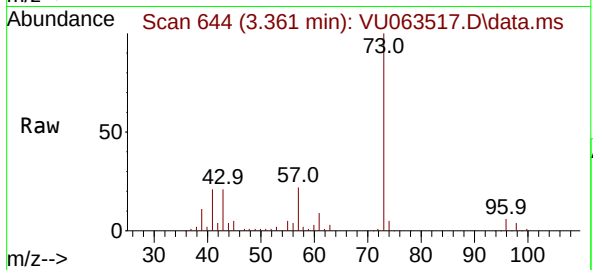




#25
Methyl tert-Butyl Ether
Concen: 11.931 ug/l
RT: 3.361 min Scan# 644
Delta R.T. 0.000 min
Lab File: VU063517.D
Acq: 16 Jul 2025 14:19

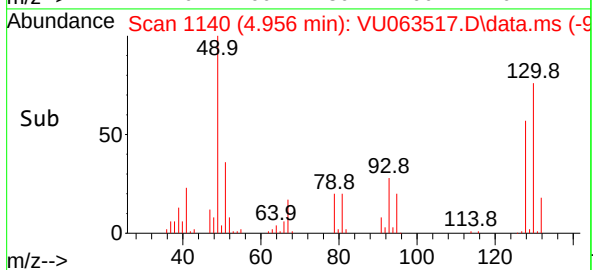
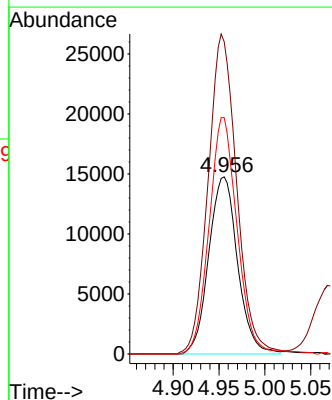
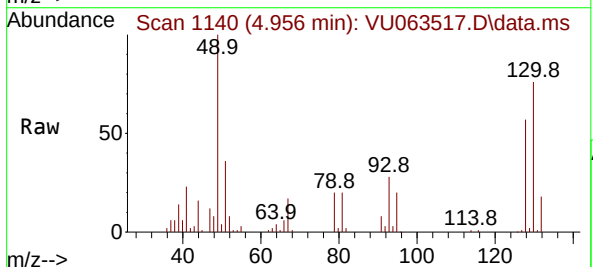
Instrument :
MSVOA_U
ClientSampleId :
ICVVU071625

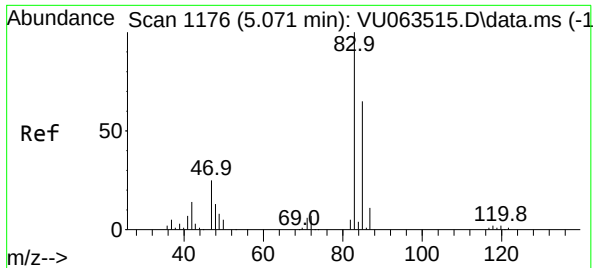
Tgt Ion: 73 Resp: 182299
Ion Ratio Lower Upper
73 100
43 20.8 16.2 24.2



#26
Bromochloromethane
Concen: 10.701 ug/l
RT: 4.956 min Scan# 1140
Delta R.T. 0.000 min
Lab File: VU063517.D
Acq: 16 Jul 2025 14:19

Tgt Ion: 128 Resp: 32227
Ion Ratio Lower Upper
128 100
49 178.8 0.0 340.8
130 128.9 100.5 150.7





#27

Chloroform

Concen: 11.295 ug/l

RT: 5.068 min Scan# 1175

Delta R.T. -0.003 min

Lab File: VU063517.D

Acq: 16 Jul 2025 14:19

Instrument :

MSVOA_U

ClientSampleId :

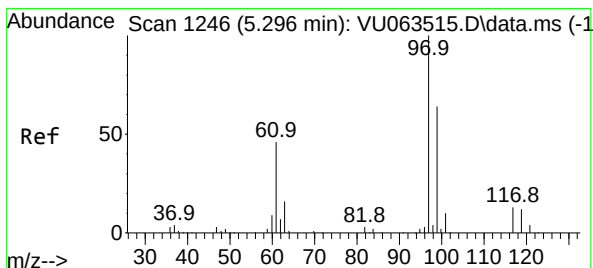
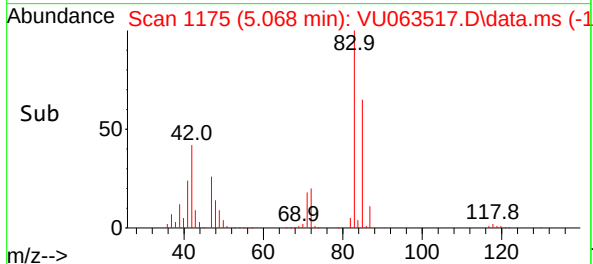
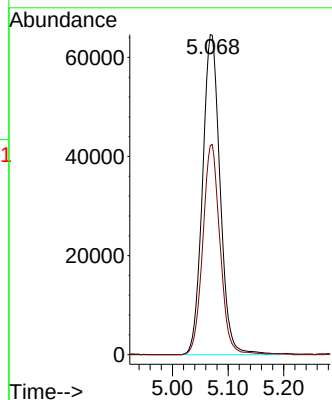
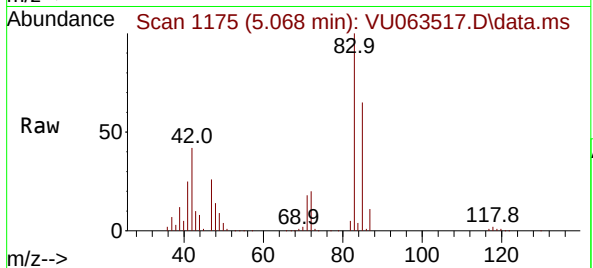
ICVVU071625

Tgt Ion: 83 Resp: 141992

Ion Ratio Lower Upper

83 100

85 65.3 0.0 130.0



#28

1,1,1-Trichloroethane

Concen: 11.694 ug/l

RT: 5.293 min Scan# 1245

Delta R.T. -0.003 min

Lab File: VU063517.D

Acq: 16 Jul 2025 14:19

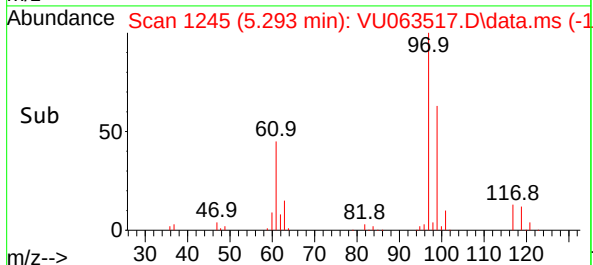
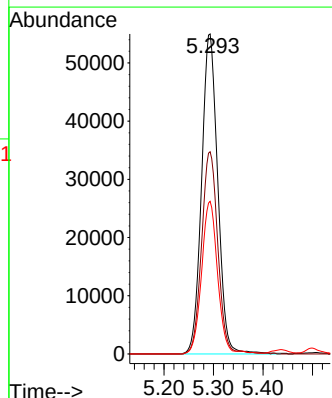
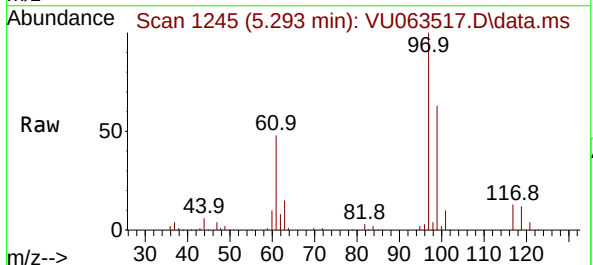
Tgt Ion: 97 Resp: 124774

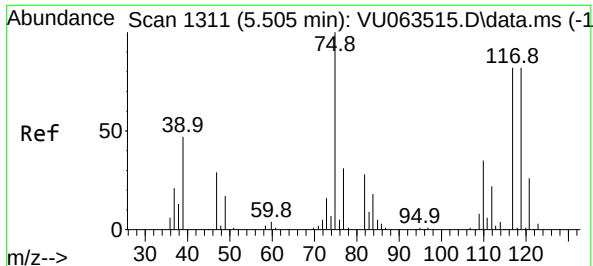
Ion Ratio Lower Upper

97 100

99 63.6 31.8 95.3

61 46.7 23.3 69.9

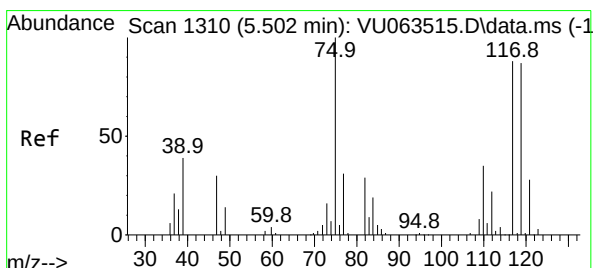
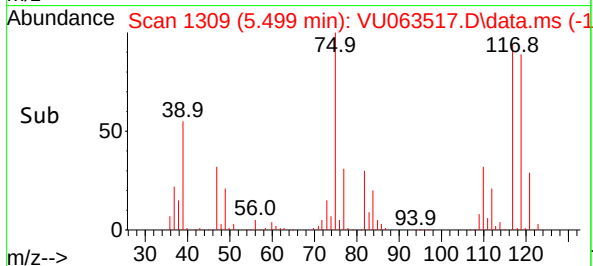
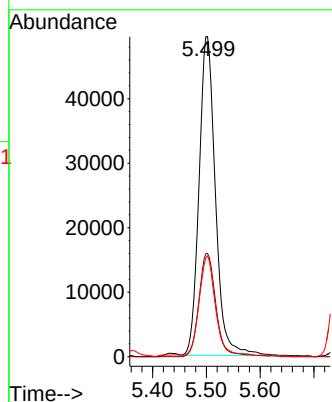
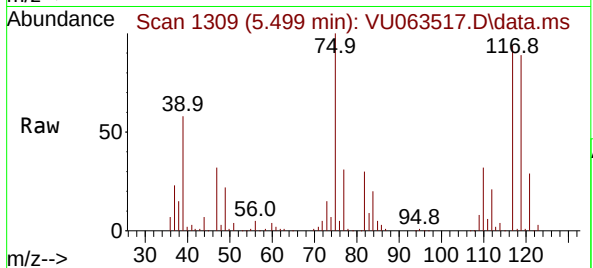




#29
1,1-Dichloropropene
Concen: 10.604 ug/l
RT: 5.499 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU063517.D
Acq: 16 Jul 2025 14:19

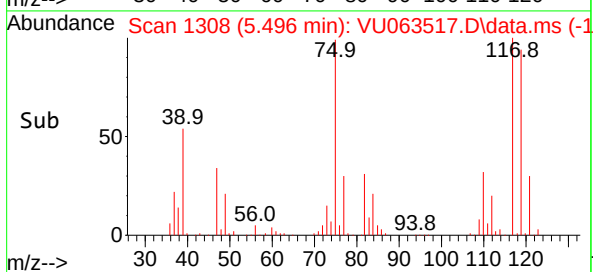
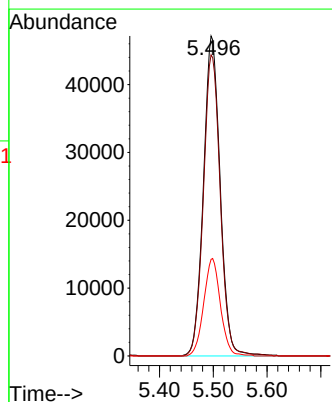
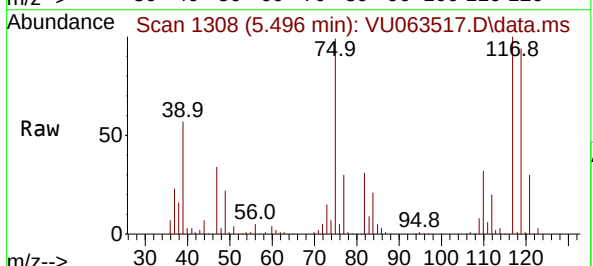
Instrument :
MSVOA_U
ClientSampleId :
ICVVU071625

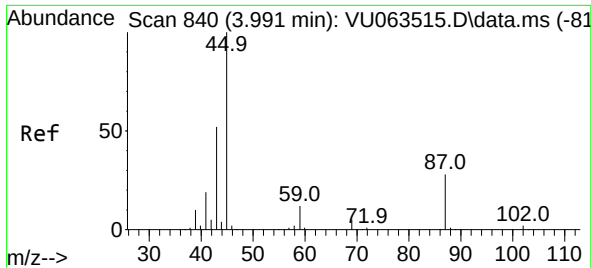
Tgt Ion: 75 Resp: 104813
Ion Ratio Lower Upper
75 100
110 33.1 17.8 53.4
77 30.1 24.6 37.0



#30
Carbon Tetrachloride
Concen: 11.881 ug/l
RT: 5.496 min Scan# 1308
Delta R.T. -0.006 min
Lab File: VU063517.D
Acq: 16 Jul 2025 14:19

Tgt Ion: 117 Resp: 102031
Ion Ratio Lower Upper
117 100
119 94.1 79.2 118.8
121 30.2 25.5 38.3

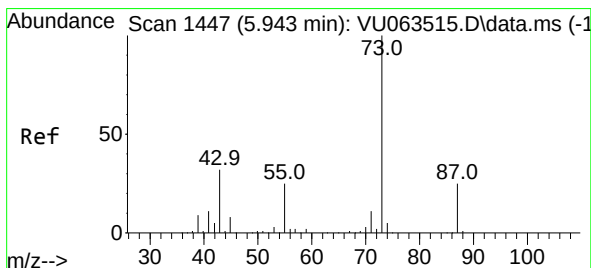
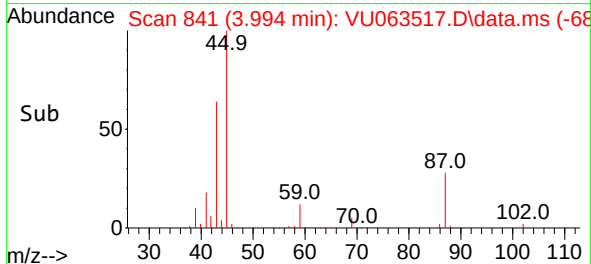
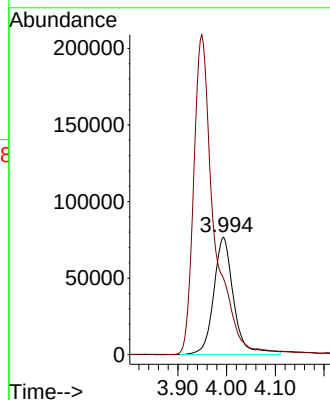
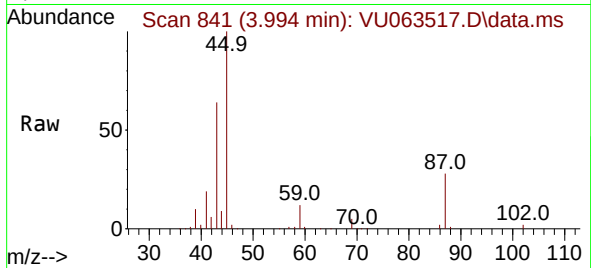




#31
Isopropyl Ether
Concen: 11.694 ug/l
RT: 3.994 min Scan# 841
Delta R.T. 0.003 min
Lab File: VU063517.D
Acq: 16 Jul 2025 14:19

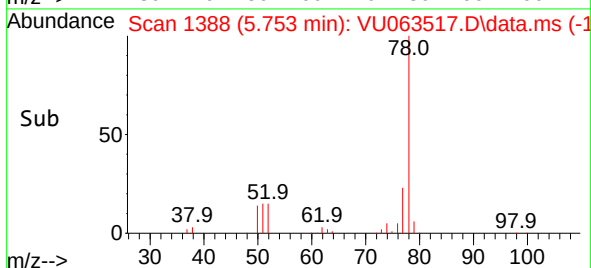
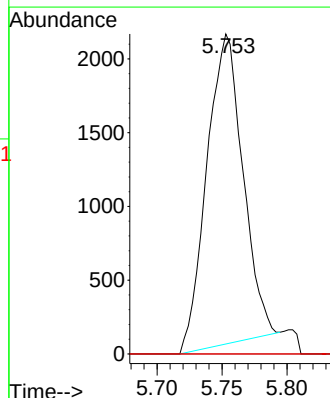
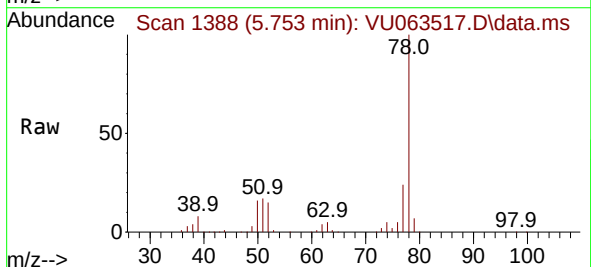
Instrument :
MSVOA_U
ClientSampleId :
ICVVU071625

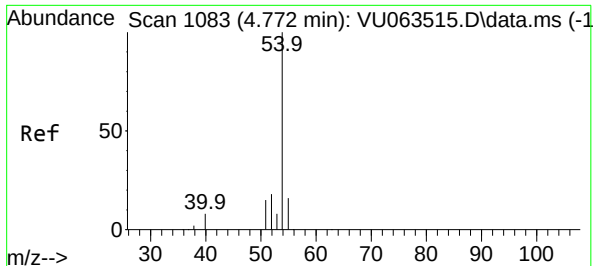
Tgt Ion: 45 Resp: 217473
Ion Ratio Lower Upper
45 100
43 280.0 25.7 77.0#



#33
Tert-Amyl methyl ether
Concen: 0.272 ug/l
RT: 5.753 min Scan# 1388
Delta R.T. -0.190 min
Lab File: VU063517.D
Acq: 16 Jul 2025 14:19

Tgt Ion: 73 Resp: 4070
Ion Ratio Lower Upper
73 100
87 234.4 19.4 29.2#
71 0.0 8.9 13.3#

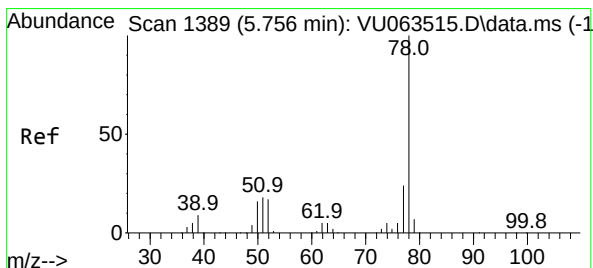
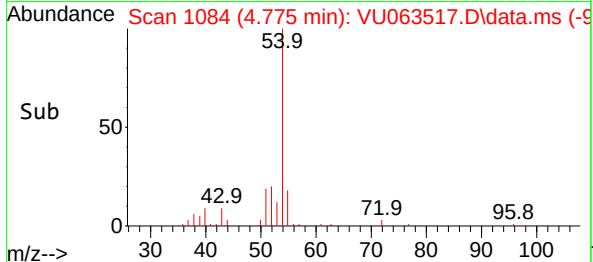
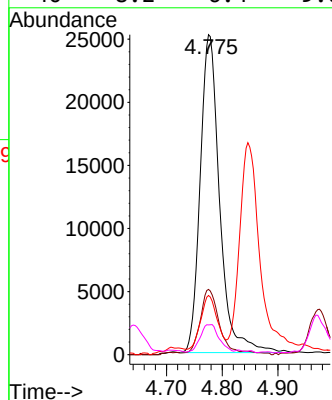
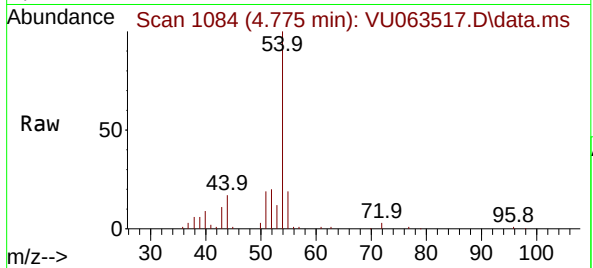




#34
 Propionitrile
 Concen: 110.315 ug/l
 RT: 4.775 min Scan# 1084
 Delta R.T. 0.003 min
 Lab File: VU063517.D
 Acq: 16 Jul 2025 14:19

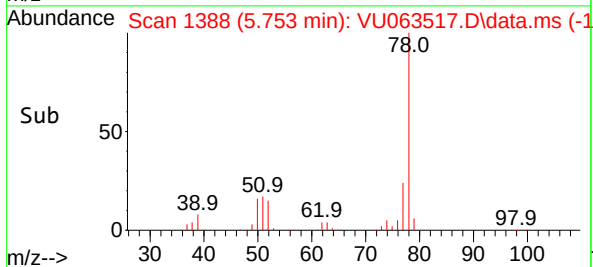
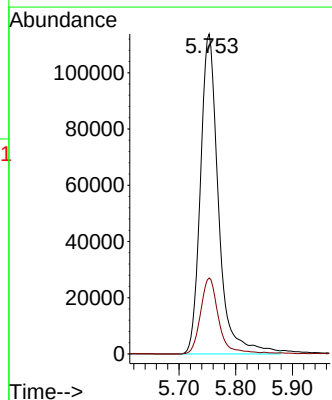
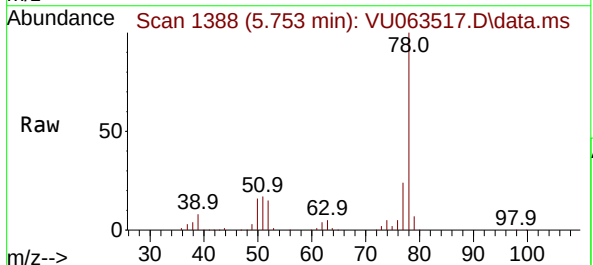
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU071625

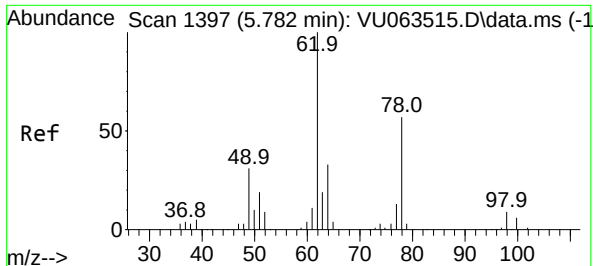
Tgt Ion: 54	Resp: 61045
Ion Ratio	Lower Upper
54 100	
52 18.3	17.0 25.4
55 15.3	13.6 20.4
40 8.2	6.4 9.6



#35
 Benzene
 Concen: 9.485 ug/l
 RT: 5.753 min Scan# 1388
 Delta R.T. -0.003 min
 Lab File: VU063517.D
 Acq: 16 Jul 2025 14:19

Tgt Ion: 78	Resp: 251880
Ion Ratio	Lower Upper
78 100	
77 23.7	19.4 29.2





#36

1,2-Dichloroethane

Concen: 9.208 ug/l

RT: 5.782 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU063517.D

Acq: 16 Jul 2025 14:19

Instrument :

MSVOA_U

ClientSampleId :

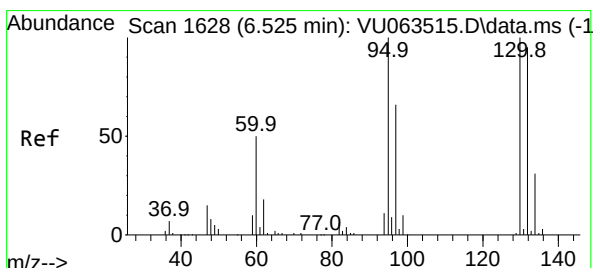
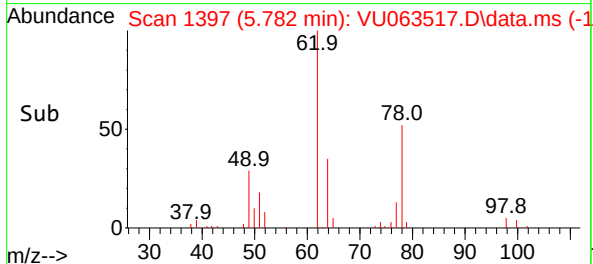
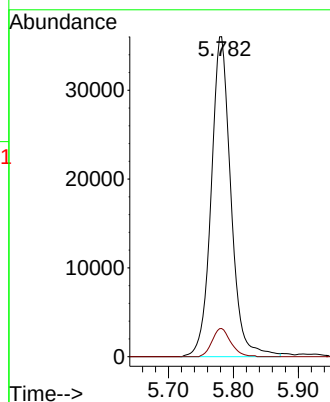
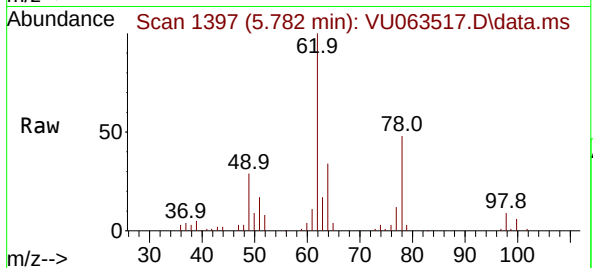
ICVVU071625

Tgt Ion: 62 Resp: 75983

Ion Ratio Lower Upper

62 100

98 8.4 6.4 9.6



#37

Trichloroethene

Concen: 9.864 ug/l

RT: 6.525 min Scan# 1628

Delta R.T. 0.000 min

Lab File: VU063517.D

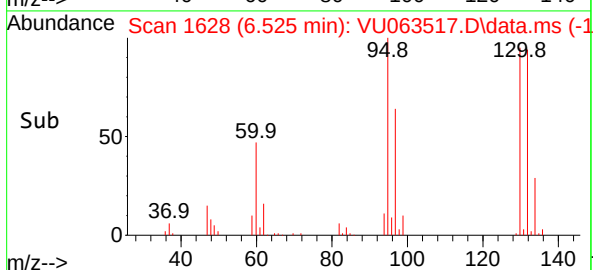
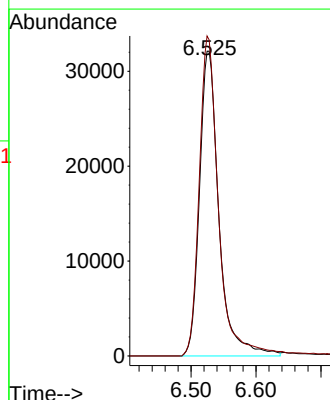
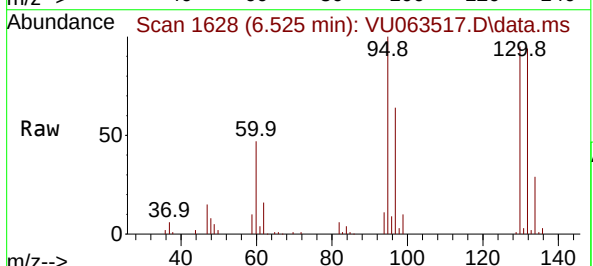
Acq: 16 Jul 2025 14:19

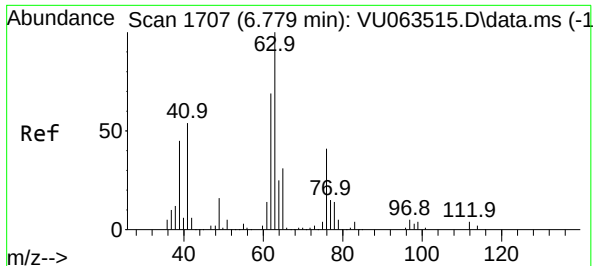
Tgt Ion: 130 Resp: 66834

Ion Ratio Lower Upper

130 100

95 105.0 80.3 120.5





#38

1,2-Dichloropropane

Concen: 10.152 ug/l

RT: 6.782 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063517.D

Acq: 16 Jul 2025 14:19

Instrument :

MSVOA_U

ClientSampleId :

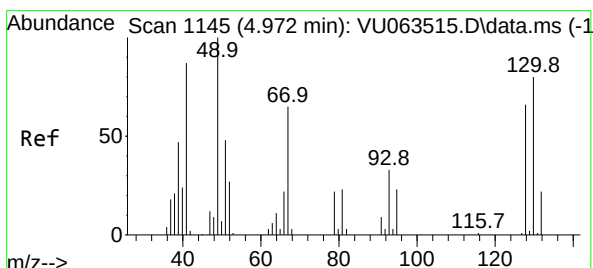
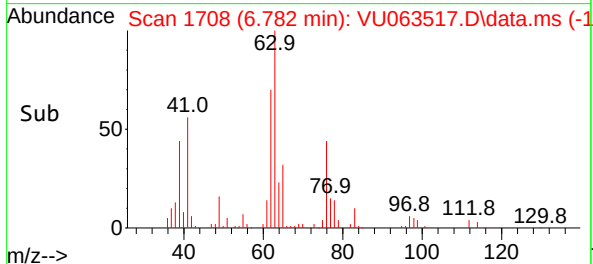
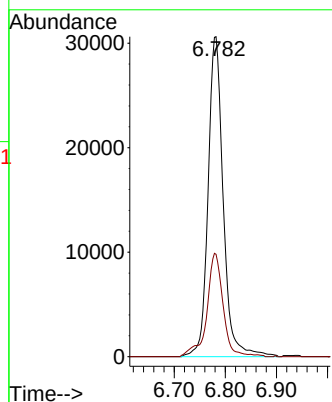
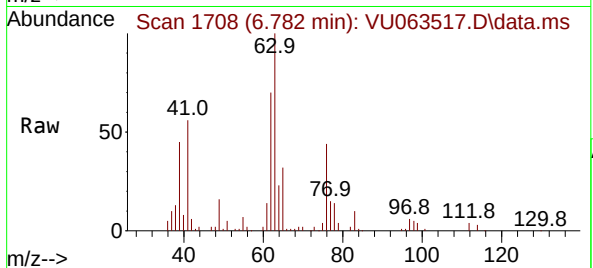
ICVVU071625

Tgt Ion: 63 Resp: 63102

Ion Ratio Lower Upper

63 100

65 32.0 24.6 36.8



#39

Methacrylonitrile

Concen: 10.571 ug/l

RT: 4.972 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VU063517.D

Acq: 16 Jul 2025 14:19

Tgt Ion: 41 Resp: 25678

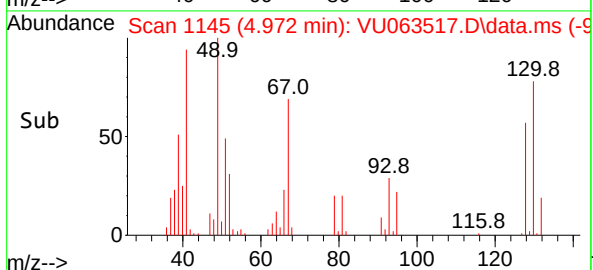
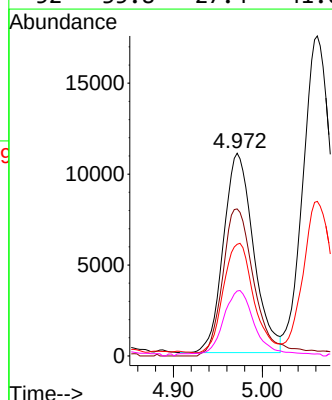
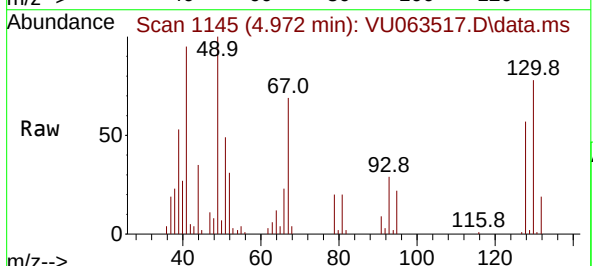
Ion Ratio Lower Upper

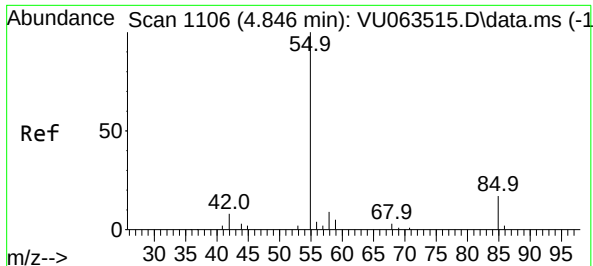
41 100

67 80.4 62.7 94.1

39 55.5 43.1 64.7

52 35.8 27.4 41.0

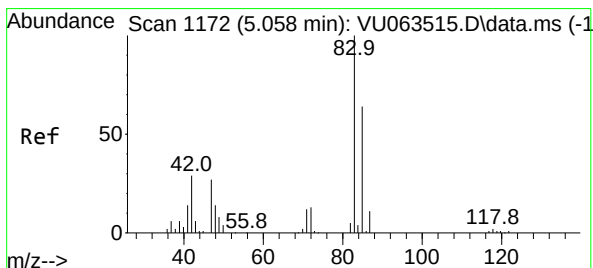
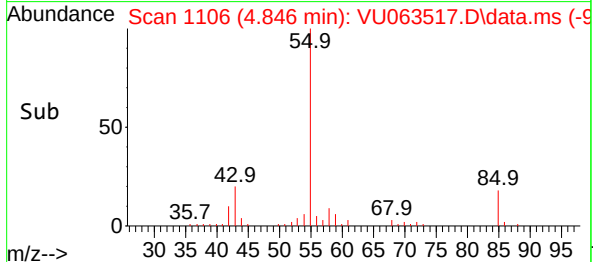
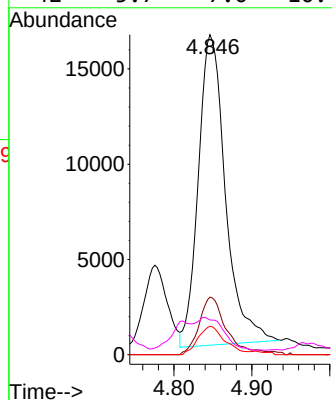
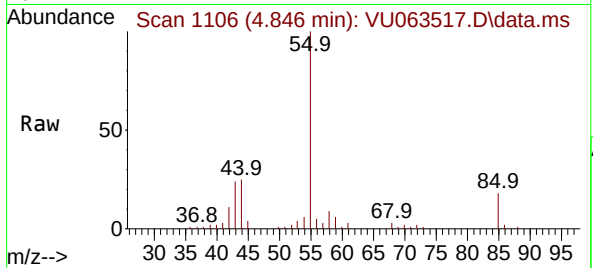




#40
Methyl acrylate
Concen: 10.962 ug/l
RT: 4.846 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VU063517.D
Acq: 16 Jul 2025 14:19

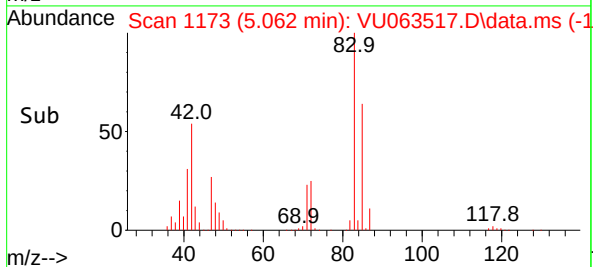
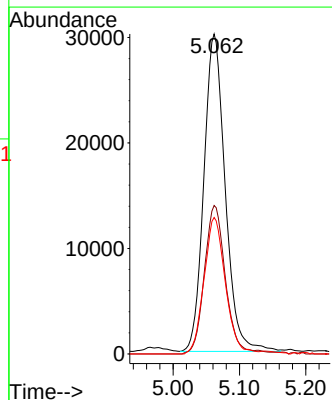
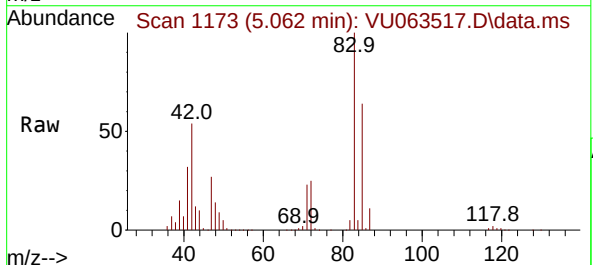
Instrument :
MSVOA_U
ClientSampleId :
ICVVU071625

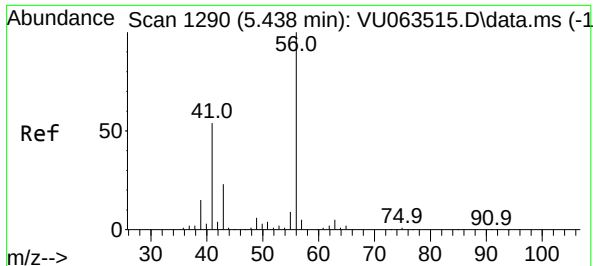
Tgt Ion:	55	Resp:	39416
Ion	Ratio	Lower	Upper
55	100		
85	17.9	12.8	19.2
58	9.1	7.0	10.4
42	5.7	7.0	10.4



#41
Tetrahydrofuran
Concen: 52.040 ug/l
RT: 5.062 min Scan# 1173
Delta R.T. 0.003 min
Lab File: VU063517.D
Acq: 16 Jul 2025 14:19

Tgt Ion:	42	Resp:	67337
Ion	Ratio	Lower	Upper
42	100		
72	45.7	39.2	58.8
71	42.9	34.8	52.2





#42

1-Chlorobutane

Concen: 11.532 ug/l

RT: 5.435 min Scan# 1289

Delta R.T. -0.003 min

Lab File: VU063517.D

Acq: 16 Jul 2025 14:19

Instrument :

MSVOA_U

ClientSampleId :

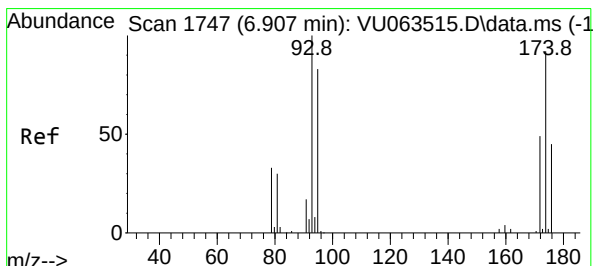
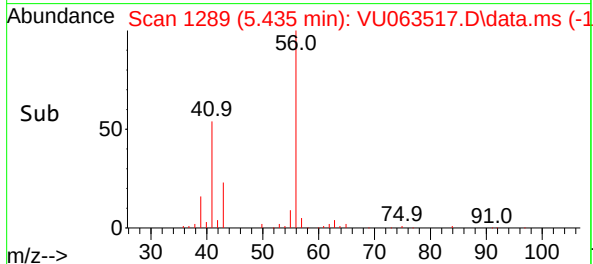
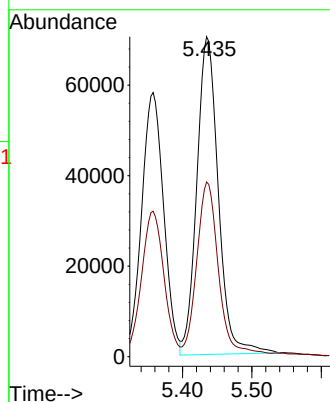
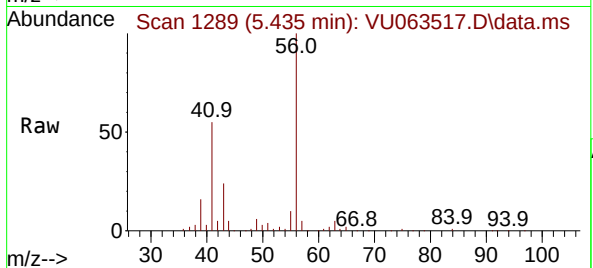
ICVVU071625

Tgt Ion: 56 Resp: 151540

Ion Ratio Lower Upper

56 100

41 53.7 26.7 80.0



#43

Dibromomethane

Concen: 11.149 ug/l

RT: 6.907 min Scan# 1747

Delta R.T. 0.000 min

Lab File: VU063517.D

Acq: 16 Jul 2025 14:19

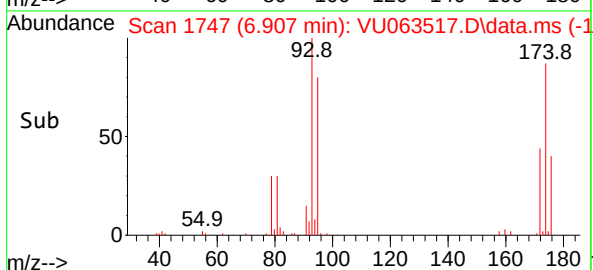
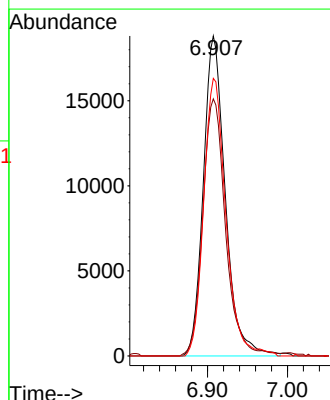
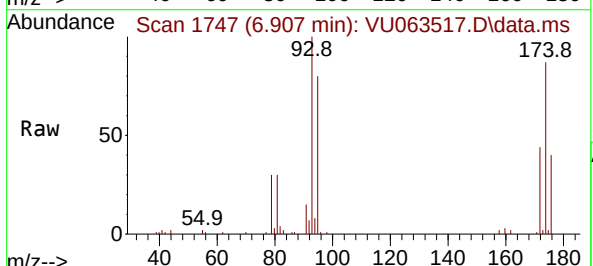
Tgt Ion: 93 Resp: 35899

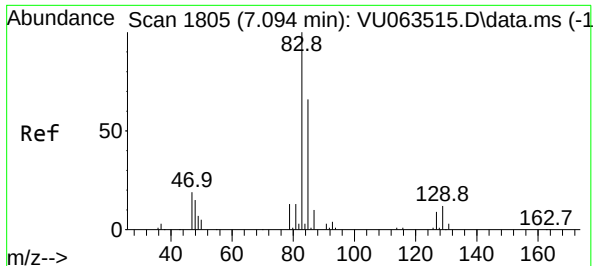
Ion Ratio Lower Upper

93 100

95 83.7 67.9 101.9

174 88.0 74.6 111.8

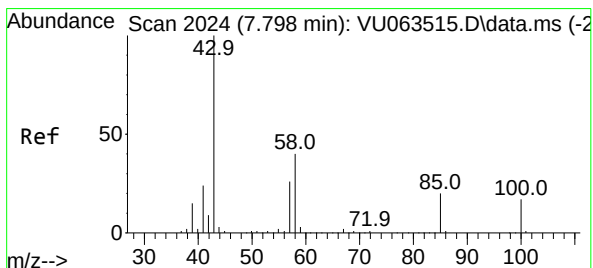
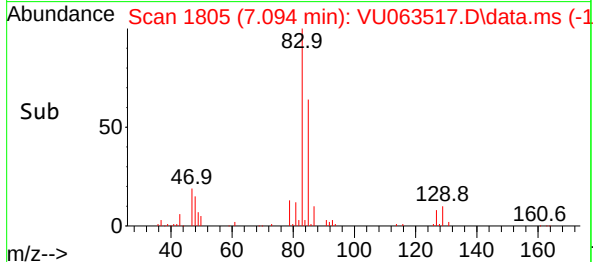
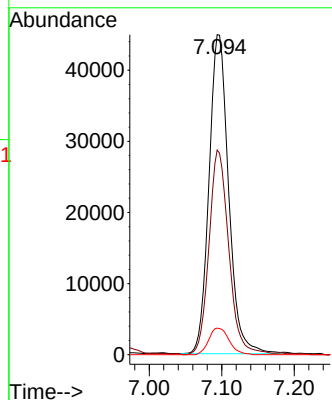
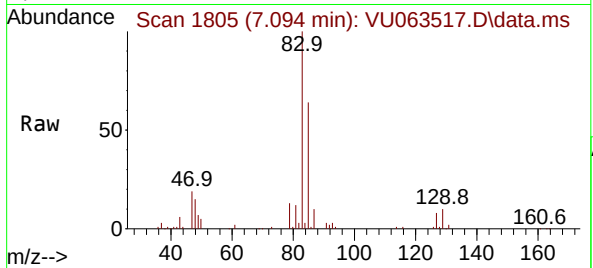




#44
Bromodichloromethane
Concen: 11.611 ug/l
RT: 7.094 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU063517.D
Acq: 16 Jul 2025 14:19

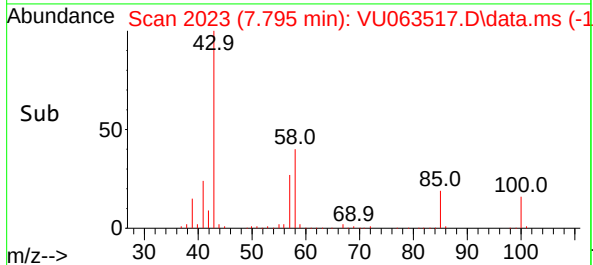
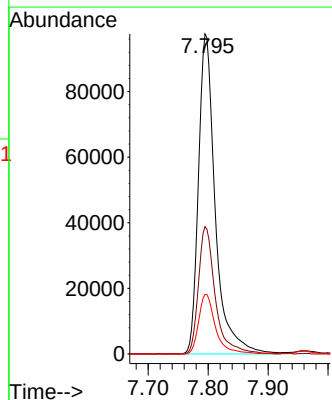
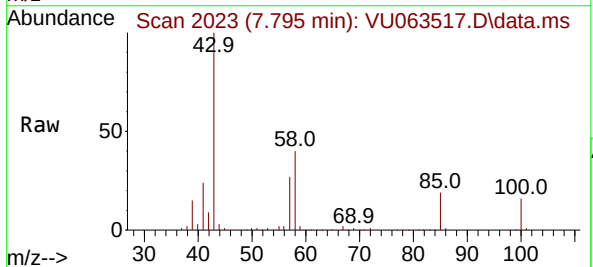
Instrument :
MSVOA_U
ClientSampleId :
ICVVU071625

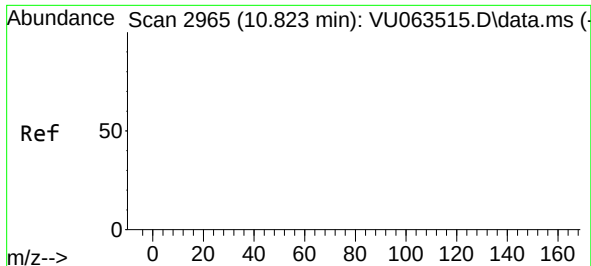
Tgt Ion: 83 Resp: 84311
Ion Ratio Lower Upper
83 100
85 63.9 52.7 79.1
127 8.3 8.1 12.1



#45
4-Methyl-2-Pentanone
Concen: 57.520 ug/l
RT: 7.795 min Scan# 2023
Delta R.T. -0.003 min
Lab File: VU063517.D
Acq: 16 Jul 2025 14:19

Tgt Ion: 43 Resp: 190879
Ion Ratio Lower Upper
43 100
58 39.9 20.0 60.0
85 18.7 15.4 23.0

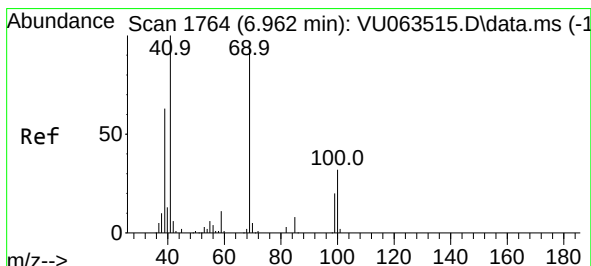
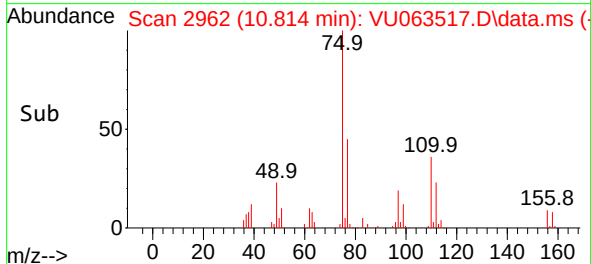
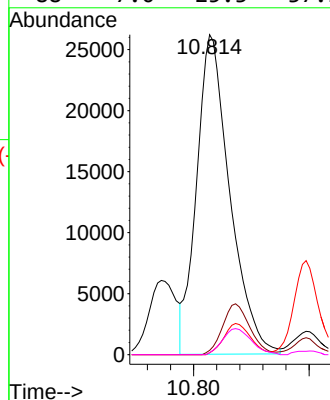
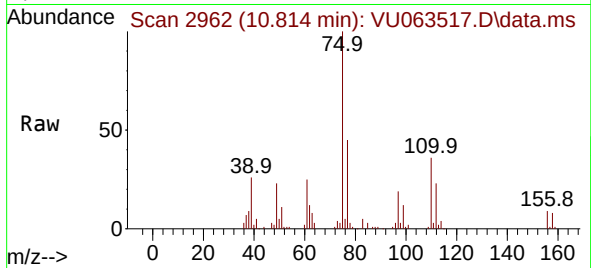




#46
t-1,4-Dichloro-2-butene
Concen: 44.382 ug/l
RT: 10.814 min Scan# 2962
Delta R.T. -0.010 min
Lab File: VU063517.D
Acq: 16 Jul 2025 14:19

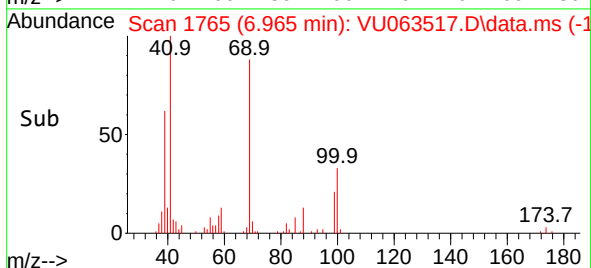
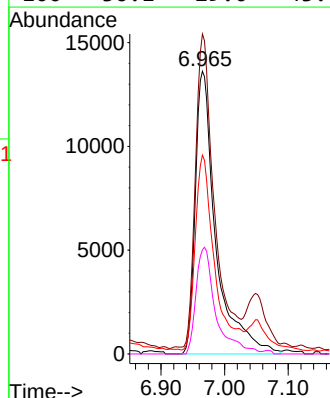
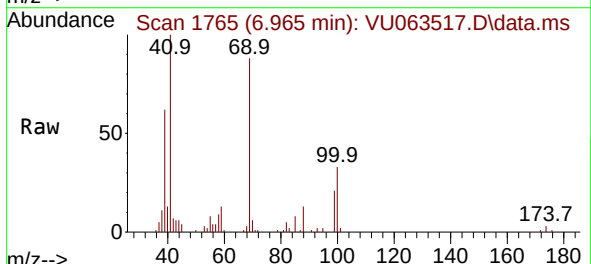
Instrument : MSVOA_U
ClientSampleId : ICVVU071625

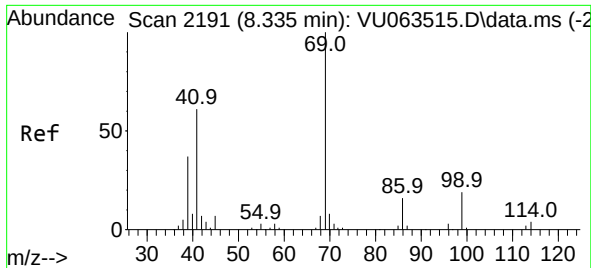
Tgt Ion:	75	Resp:	52254
Ion	Ratio	Lower	Upper
75	100		
53	13.1	48.4	72.6#
89	7.9	30.6	45.8#
88	7.0	25.3	37.9#



#47
Methyl methacrylate
Concen: 11.336 ug/l
RT: 6.965 min Scan# 1765
Delta R.T. 0.003 min
Lab File: VU063517.D
Acq: 16 Jul 2025 14:19

Tgt Ion:	69	Resp:	30655
Ion	Ratio	Lower	Upper
69	100		
41	100.5	0.0	224.0
39	64.1	55.3	82.9
100	36.1	29.0	43.6

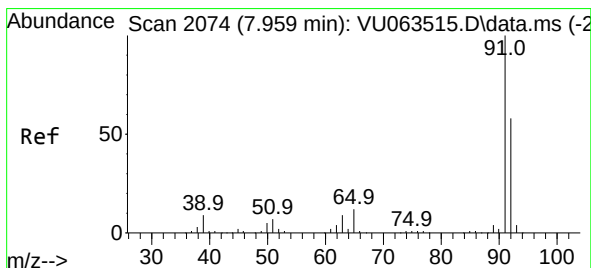
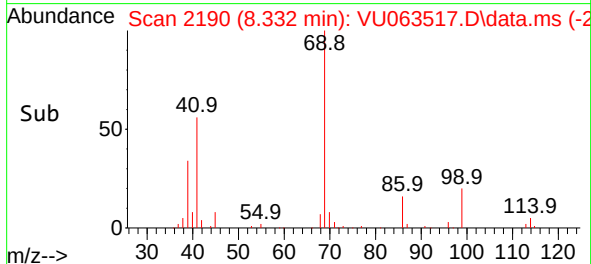
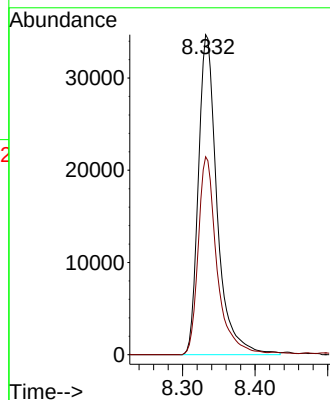
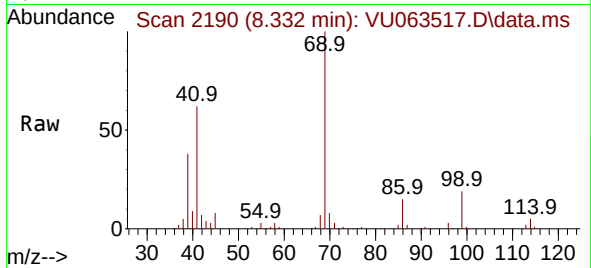




#48
Ethyl methacrylate
Concen: 12.064 ug/l
RT: 8.332 min Scan# 2191
Delta R.T. -0.003 min
Lab File: VU063517.D
Acq: 16 Jul 2025 14:19

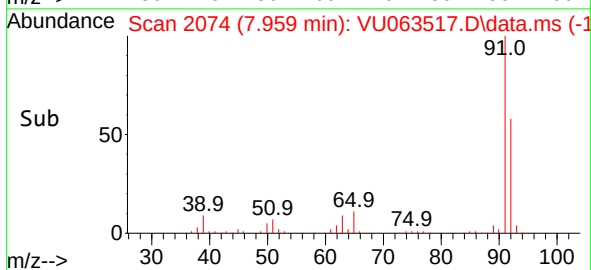
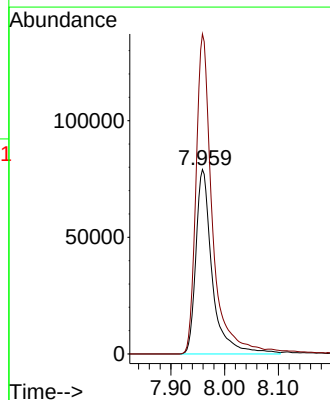
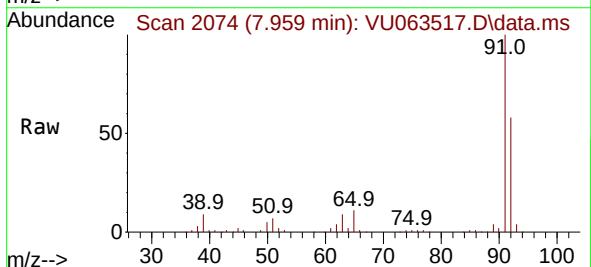
Instrument :
MSVOA_U
ClientSampleId :
ICVVU071625

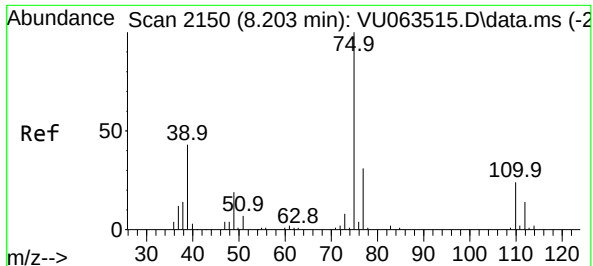
Tgt Ion: 69 Resp: 62257
Ion Ratio Lower Upper
69 100
41 61.9 30.8 92.4



#49
Toluene
Concen: 11.565 ug/l
RT: 7.959 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VU063517.D
Acq: 16 Jul 2025 14:19

Tgt Ion: 92 Resp: 167696
Ion Ratio Lower Upper
92 100
91 171.2 140.4 210.6





#50

t-1,3-Dichloropropene

Concen: 12.160 ug/l

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU063517.D

Acq: 16 Jul 2025 14:19

Instrument :

MSVOA_U

ClientSampleId :

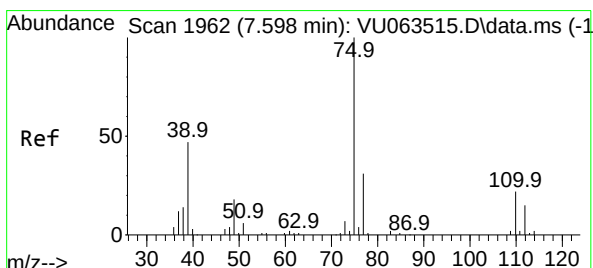
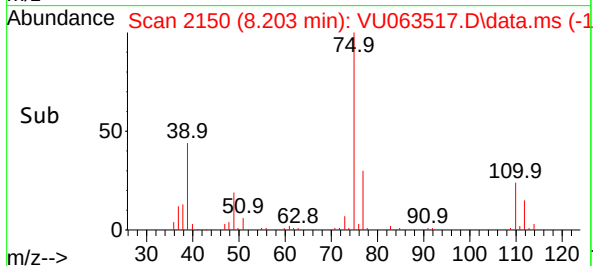
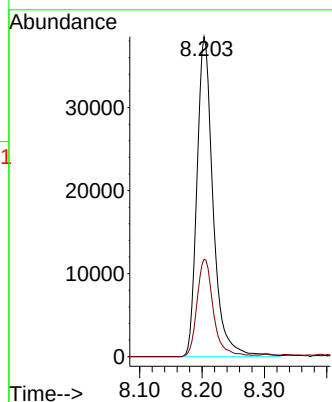
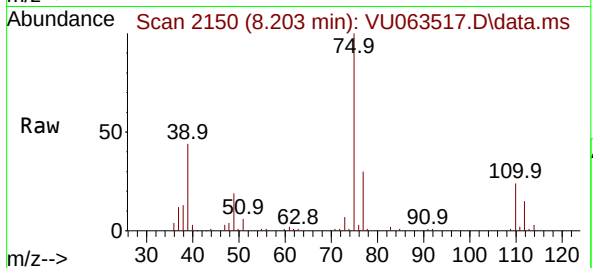
ICVVU071625

Tgt Ion: 75 Resp: 69274

Ion Ratio Lower Upper

75 100

77 30.5 24.9 37.3



#51

cis-1,3-Dichloropropene

Concen: 11.406 ug/l

RT: 7.599 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VU063517.D

Acq: 16 Jul 2025 14:19

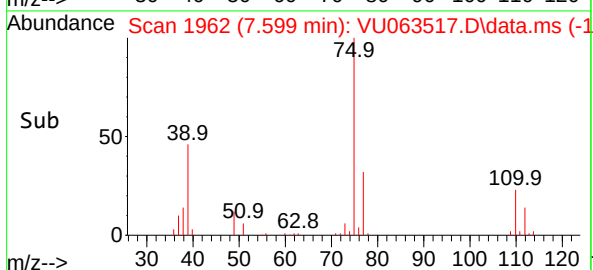
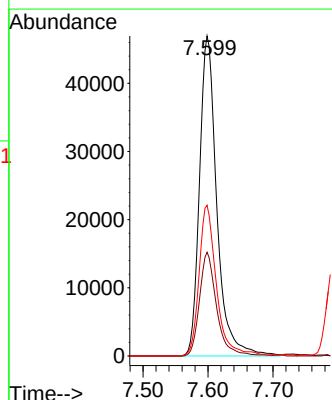
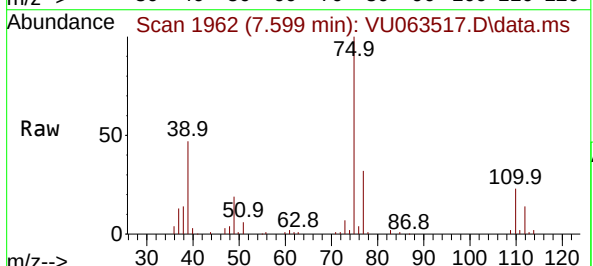
Tgt Ion: 75 Resp: 87222

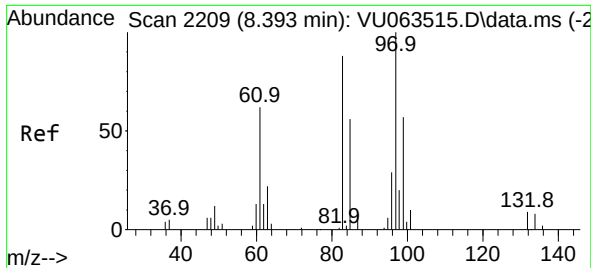
Ion Ratio Lower Upper

75 100

77 32.4 25.1 37.7

39 47.1 37.8 56.6

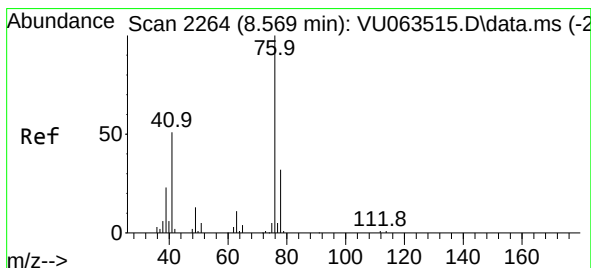
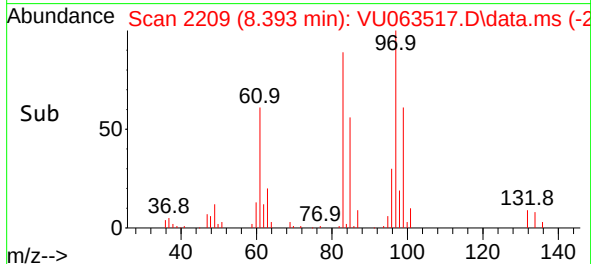
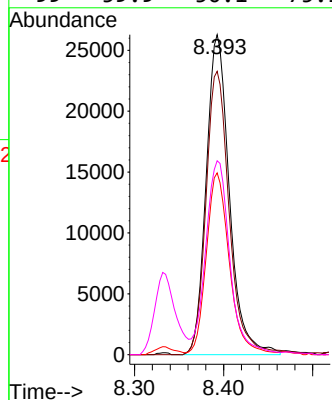
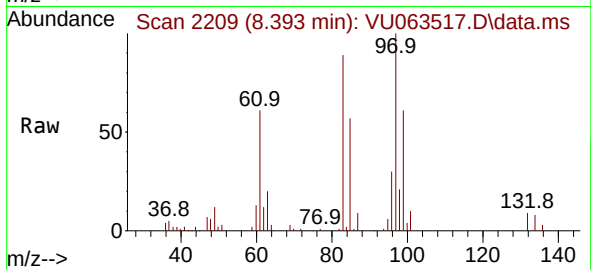




#52
 1,1,2-Trichloroethane
 Concen: 10.973 ug/l
 RT: 8.393 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU063517.D
 Acq: 16 Jul 2025 14:19

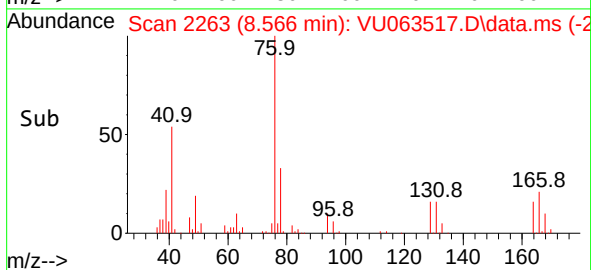
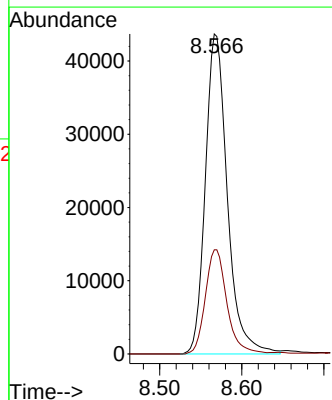
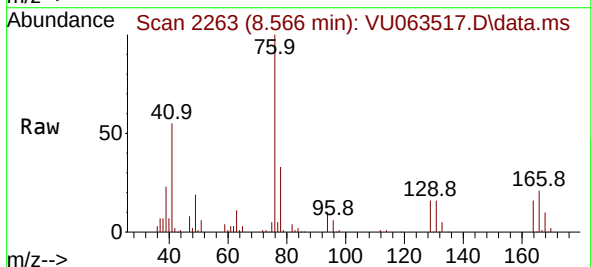
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU071625

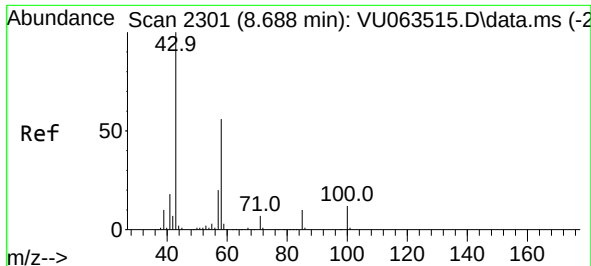
Tgt Ion: 97	Resp: 47565
Ion Ratio	Lower Upper
97 100	
83 88.5	70.2 105.2
85 56.0	45.2 67.8
99 59.9	50.1 75.1



#53
 1,3-Dichloropropane
 Concen: 10.849 ug/l
 RT: 8.566 min Scan# 2263
 Delta R.T. -0.003 min
 Lab File: VU063517.D
 Acq: 16 Jul 2025 14:19

Tgt Ion: 76	Resp: 81190
Ion Ratio	Lower Upper
76 100	
78 32.0	26.0 39.0

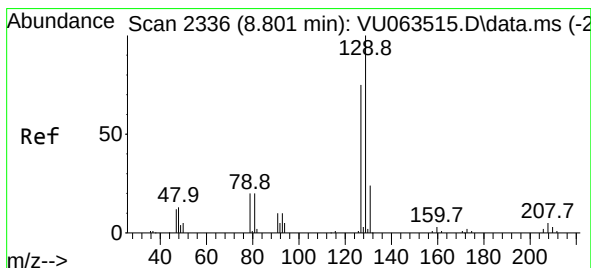
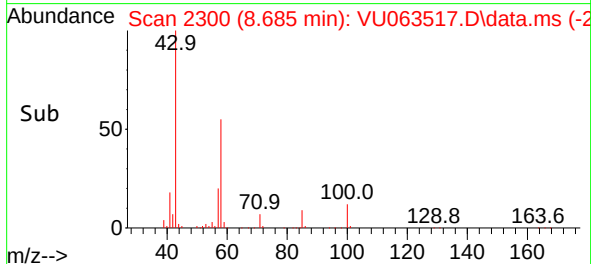
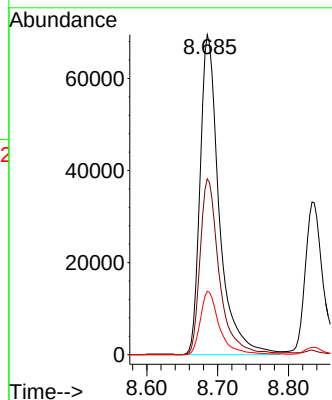
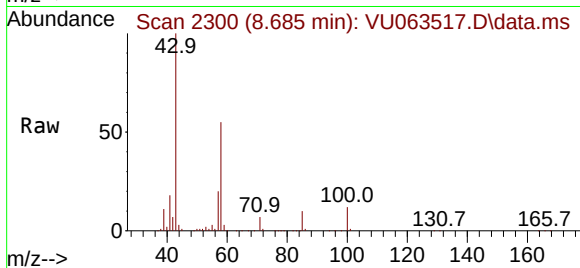




#54
2-Hexanone
Concen: 59.254 ug/l
RT: 8.685 min Scan# 2100
Delta R.T. -0.003 min
Lab File: VU063517.D
Acq: 16 Jul 2025 14:19

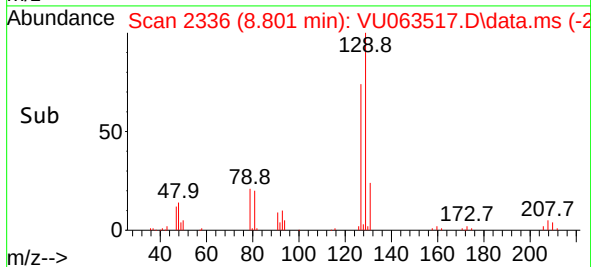
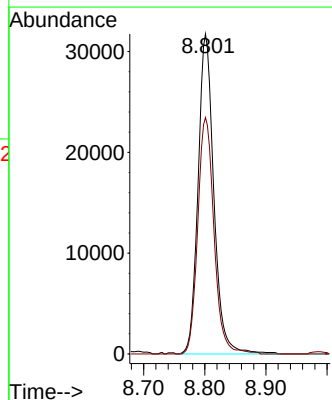
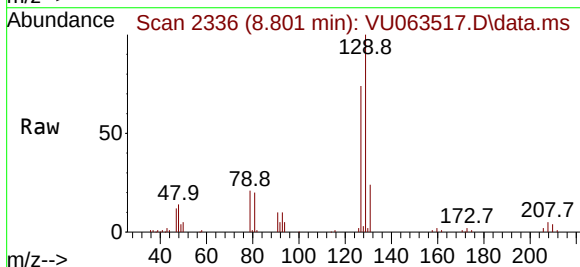
Instrument : MSVOA_U
ClientSampleId : ICVVU071625

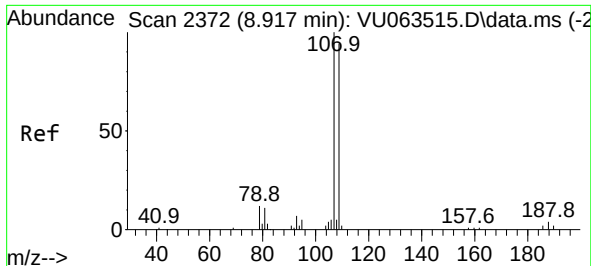
Tgt Ion: 43 Resp: 130609
Ion Ratio Lower Upper
43 100
58 55.3 34.8 74.8
57 19.7 0.0 39.5



#55
Dibromochloromethane
Concen: 12.417 ug/l
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU063517.D
Acq: 16 Jul 2025 14:19

Tgt Ion:129 Resp: 56885
Ion Ratio Lower Upper
129 100
127 76.2 60.1 90.1

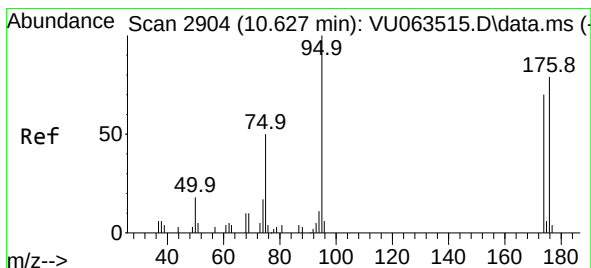
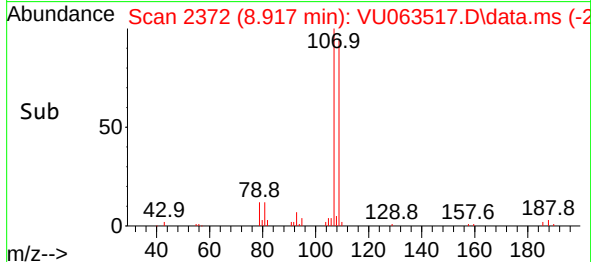
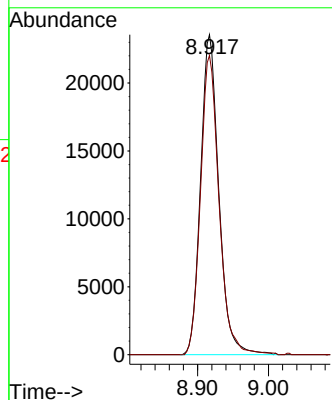
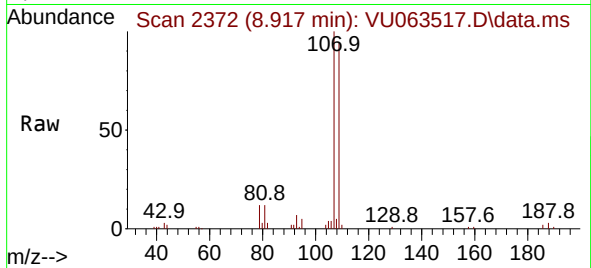




#56
1,2-Dibromoethane
Concen: 10.846 ug/l
RT: 8.917 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063517.D
Acq: 16 Jul 2025 14:19

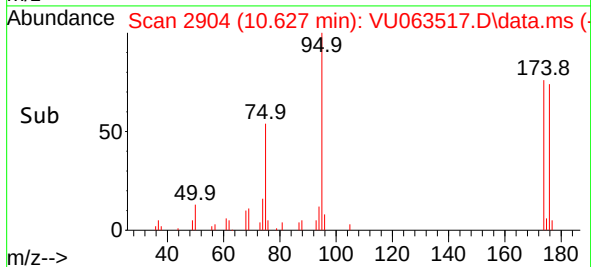
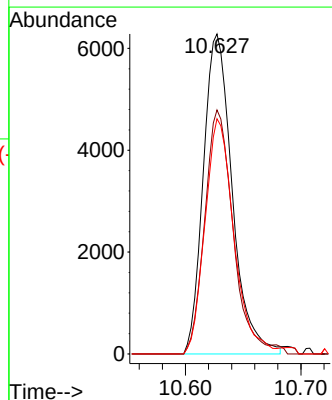
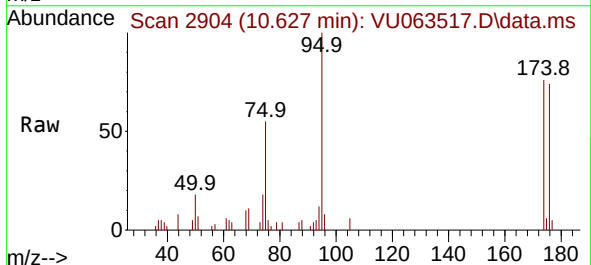
Instrument :
MSVOA_U
ClientSampleId :
ICVVU071625

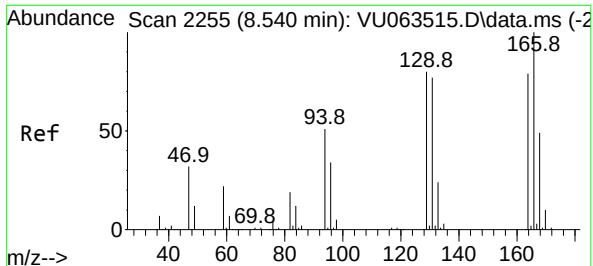
Tgt Ion:107 Resp: 42078
Ion Ratio Lower Upper
107 100
109 95.2 0.0 186.4



#57
4-Bromofluorobenzene
Concen: 1.279 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. 0.000 min
Lab File: VU063517.D
Acq: 16 Jul 2025 14:19

Tgt Ion: 95 Resp: 10918
Ion Ratio Lower Upper
95 100
174 75.3 59.8 89.8
176 73.5 61.8 92.8

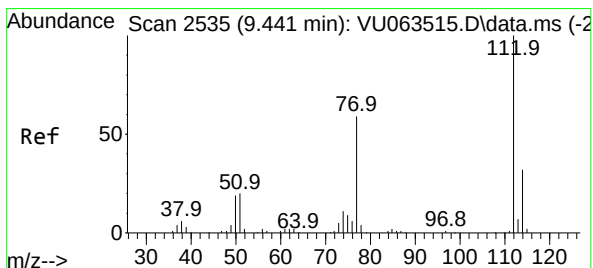
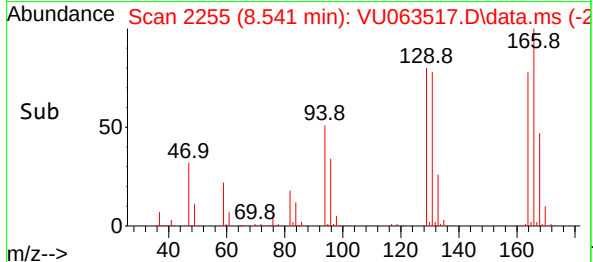
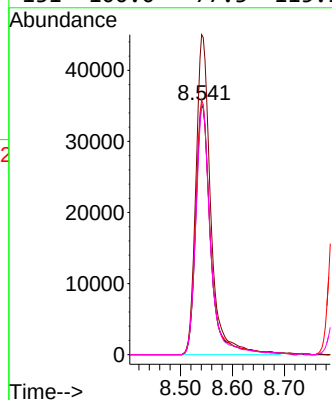
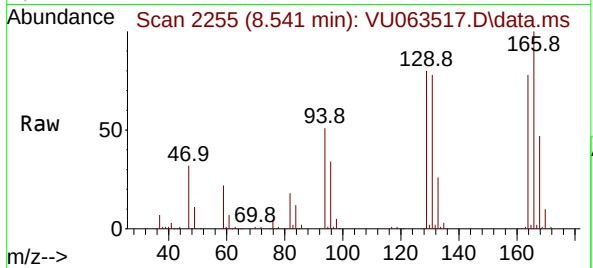




#58
Tetrachloroethene
Concen: 11.312 ug/l
RT: 8.541 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063517.D
Acq: 16 Jul 2025 14:19

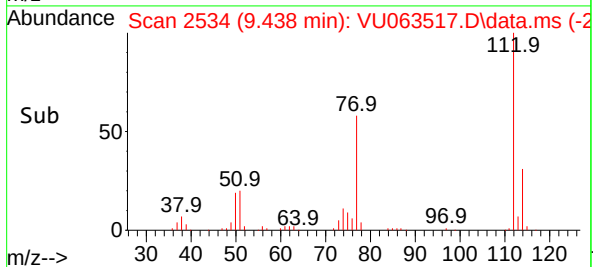
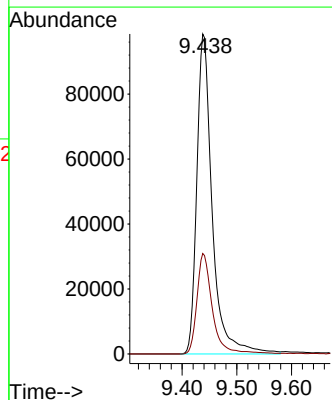
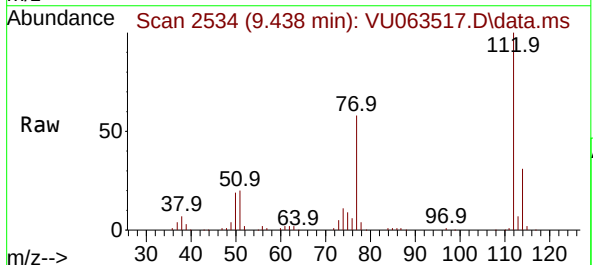
Instrument :
MSVOA_U
ClientSampleId :
ICVVU071625

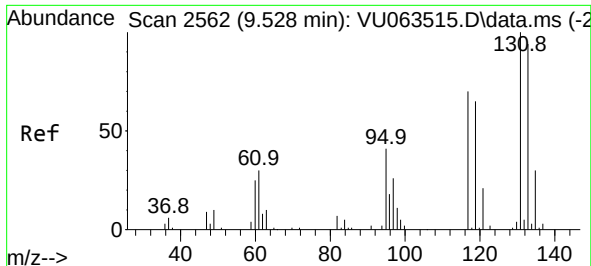
Tgt Ion:164 Resp: 70149
Ion Ratio Lower Upper
164 100
166 128.1 100.7 151.1
129 102.0 80.6 120.8
131 100.0 77.3 115.9



#59
Chlorobenzene
Concen: 11.557 ug/l
RT: 9.438 min Scan# 2534
Delta R.T. -0.003 min
Lab File: VU063517.D
Acq: 16 Jul 2025 14:19

Tgt Ion:112 Resp: 192479
Ion Ratio Lower Upper
112 100
114 31.4 25.4 38.2





#60

1,1,1,2-Tetrachloroethane

Concen: 10.964 ug/l

RT: 9.524 min Scan# 2562

Delta R.T. -0.003 min

Lab File: VU063517.D

Acq: 16 Jul 2025 14:19

Instrument :

MSVOA_U

ClientSampleId :

ICVVU071625

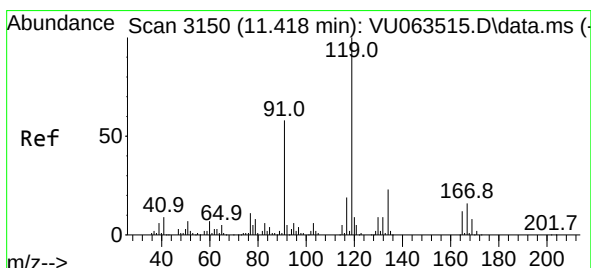
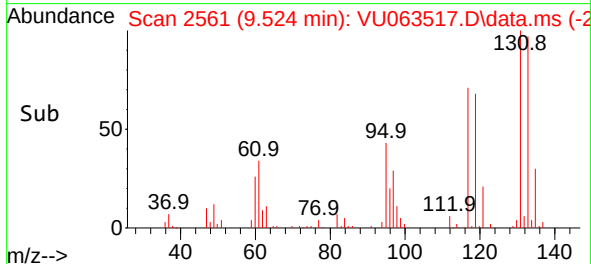
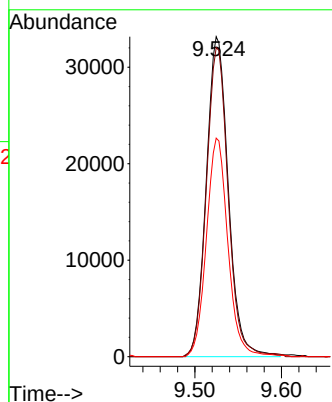
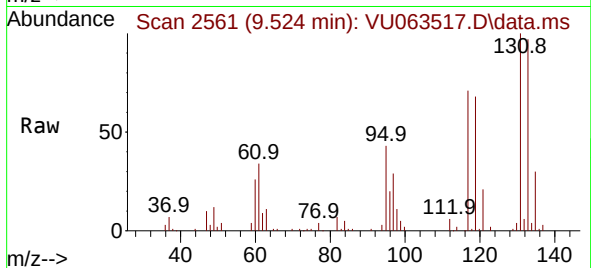
Tgt Ion:131 Resp: 58716

Ion Ratio Lower Upper

131 100

133 95.9 74.7 112.1

119 66.7 53.0 79.4



#61

Pentachloroethane

Concen: 12.325 ug/l

RT: 11.418 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU063517.D

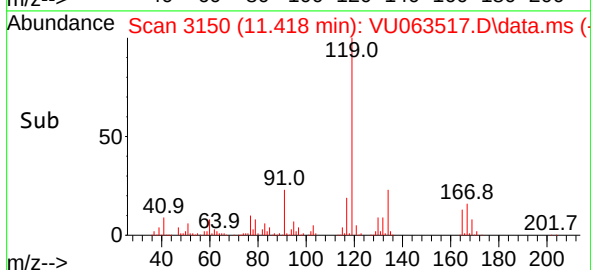
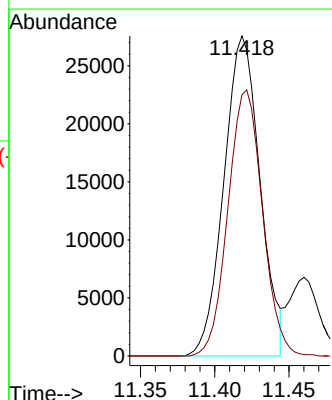
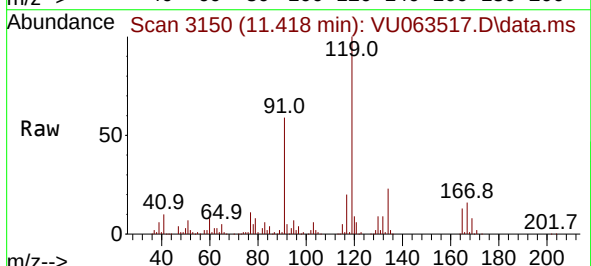
Acq: 16 Jul 2025 14:19

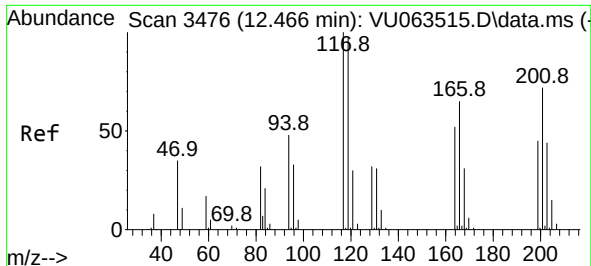
Tgt Ion:117 Resp: 46643

Ion Ratio Lower Upper

117 100

167 79.4 65.0 97.6

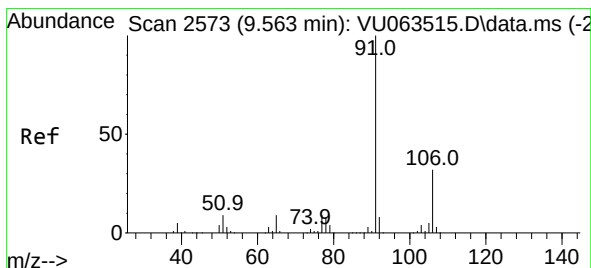
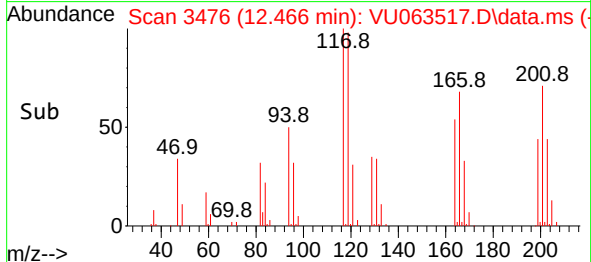
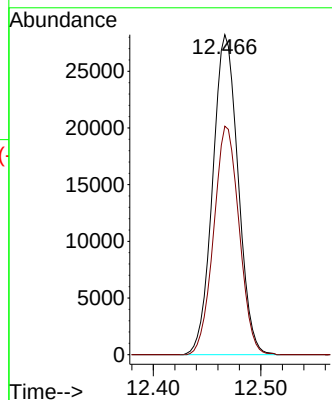
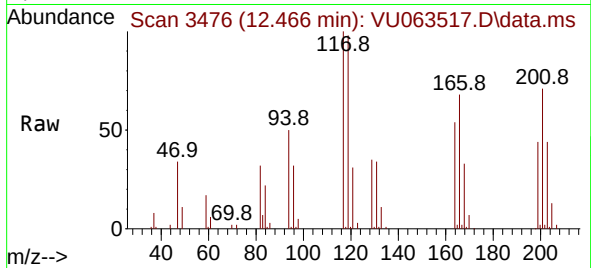




#62
Hexachloroethane
Concen: 12.375 ug/l
RT: 12.466 min Scan# 3476
Delta R.T. 0.000 min
Lab File: VU063517.D
Acq: 16 Jul 2025 14:19

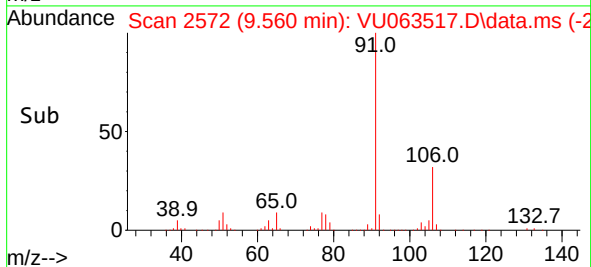
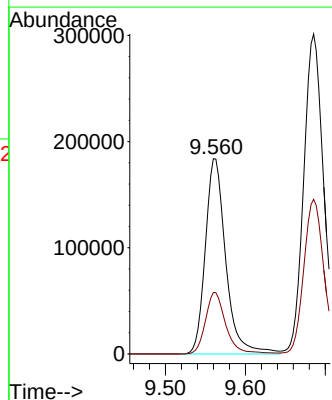
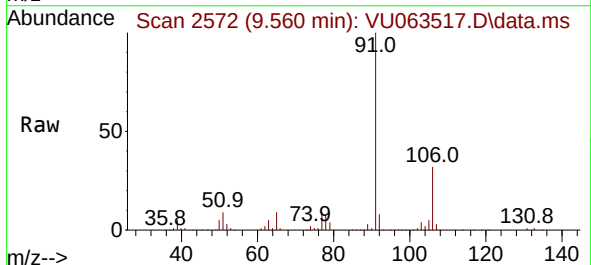
Instrument :
MSVOA_U
ClientSampleId :
ICVVU071625

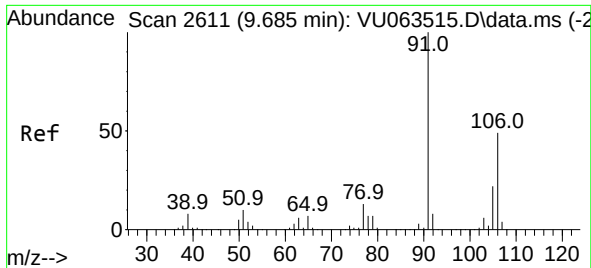
Tgt Ion:117 Resp: 46374
Ion Ratio Lower Upper
117 100
201 71.5 57.4 86.0



#63
Ethyl Benzene
Concen: 11.440 ug/l
RT: 9.560 min Scan# 2572
Delta R.T. -0.003 min
Lab File: VU063517.D
Acq: 16 Jul 2025 14:19

Tgt Ion: 91 Resp: 327850
Ion Ratio Lower Upper
91 100
106 31.5 25.4 38.0

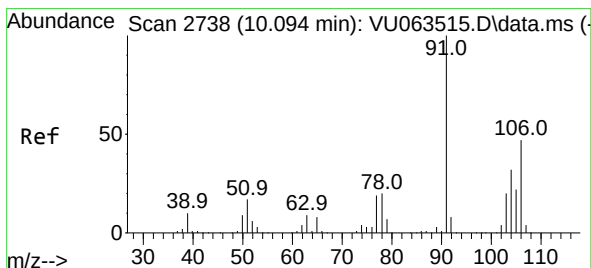
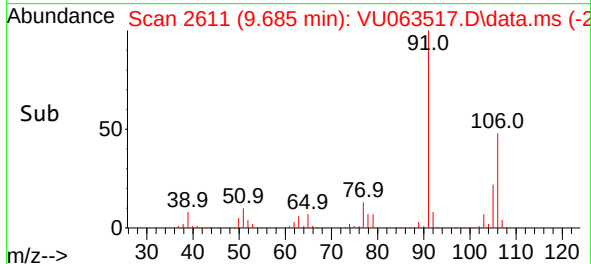
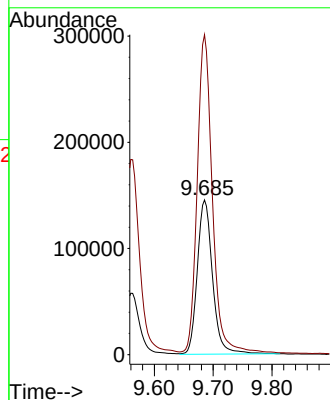
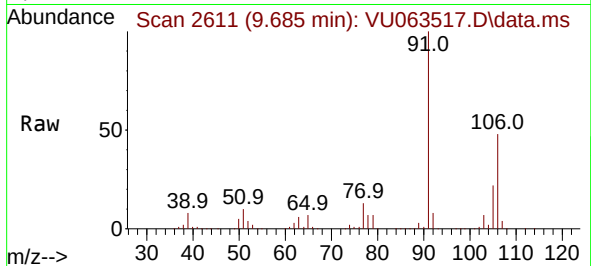




#64
m/p-Xylenes
Concen: 23.477 ug/l
RT: 9.685 min Scan# 2611
Delta R.T. 0.000 min
Lab File: VU063517.D
Acq: 16 Jul 2025 14:19

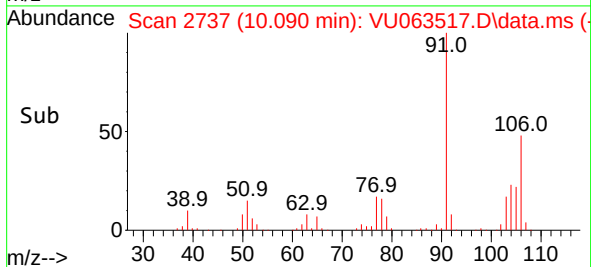
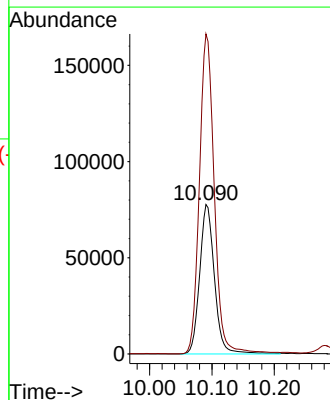
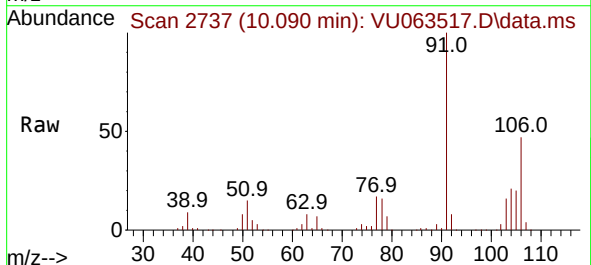
Instrument :
MSVOA_U
ClientSampleId :
ICVVU071625

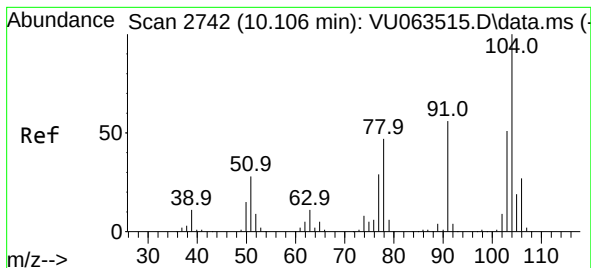
Tgt Ion:106 Resp: 261516
Ion Ratio Lower Upper
106 100
91 208.1 163.6 245.4



#65
o-Xylene
Concen: 11.980 ug/l
RT: 10.090 min Scan# 2737
Delta R.T. -0.003 min
Lab File: VU063517.D
Acq: 16 Jul 2025 14:19

Tgt Ion:106 Resp: 128236
Ion Ratio Lower Upper
106 100
91 214.1 108.1 324.4





#66

Styrene

Concen: 12.168 ug/l

RT: 10.106 min Scan# 2742

Delta R.T. 0.000 min

Lab File: VU063517.D

Acq: 16 Jul 2025 14:19

Instrument :

MSVOA_U

ClientSampleId :

ICVVU071625

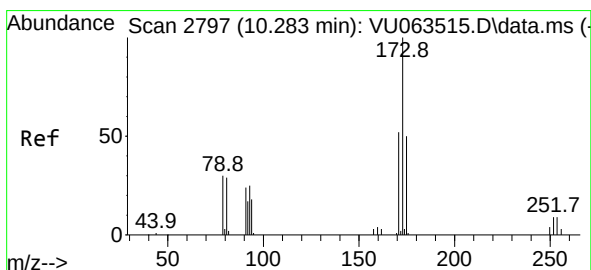
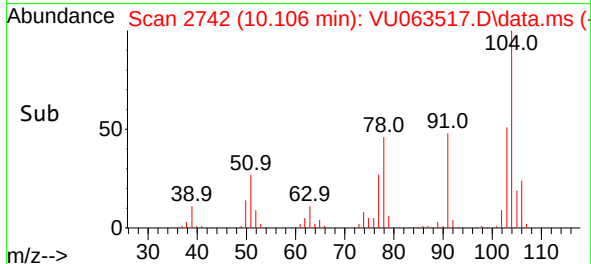
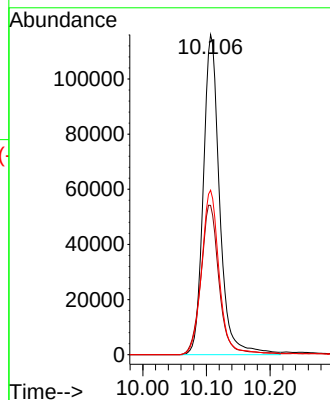
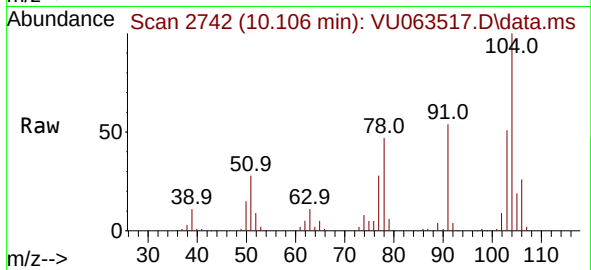
Tgt Ion:104 Resp: 207563

Ion Ratio Lower Upper

104 100

78 51.6 41.3 61.9

103 55.3 43.6 65.4



#67

Bromoform

Concen: 12.093 ug/l

RT: 10.283 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VU063517.D

Acq: 16 Jul 2025 14:19

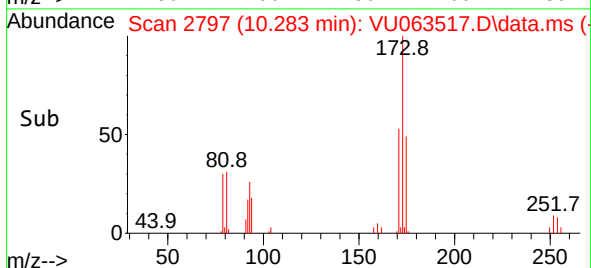
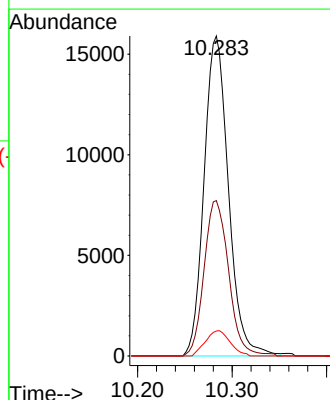
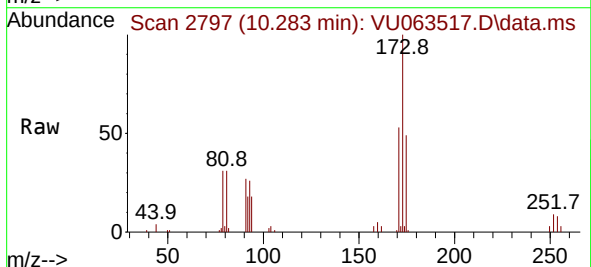
Tgt Ion:173 Resp: 28453

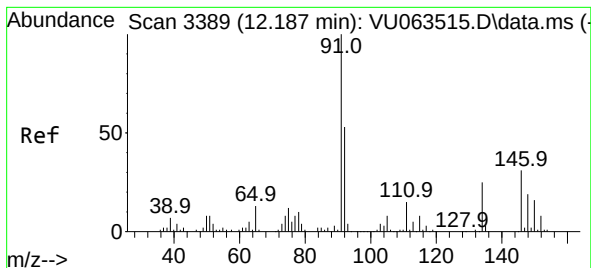
Ion Ratio Lower Upper

173 100

175 49.0 39.0 58.4

254 8.0 6.5 9.7





#68

1,2-Dichlorobenzene-d4

Concen: 1.147 ug/l

RT: 12.187 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU063517.D

Acq: 16 Jul 2025 14:19

Instrument :

MSVOA_U

ClientSampleId :

ICVVU071625

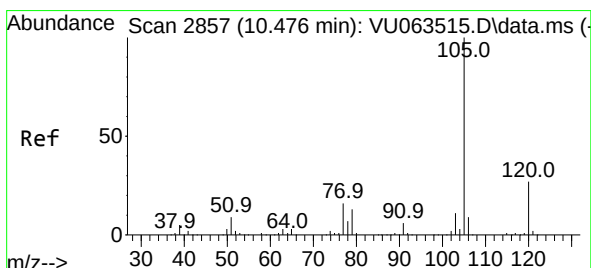
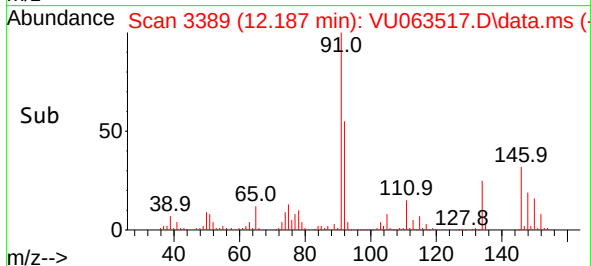
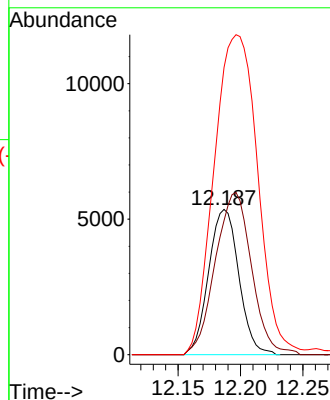
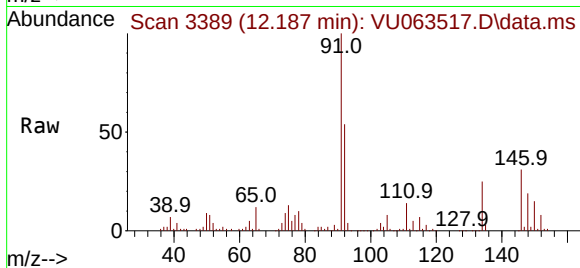
Tgt Ion:152 Resp: 9055

Ion Ratio Lower Upper

152 100

115 133.8 0.0 262.2

150 316.7 0.0 651.2



#69

Isopropylbenzene

Concen: 13.006 ug/l

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU063517.D

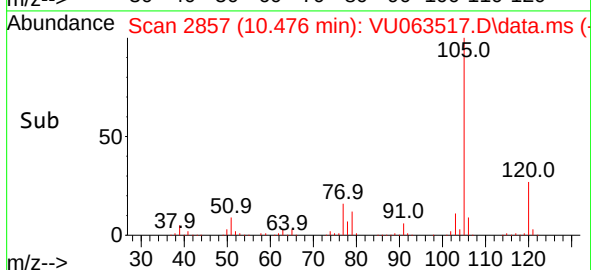
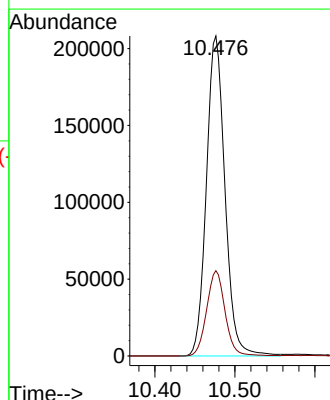
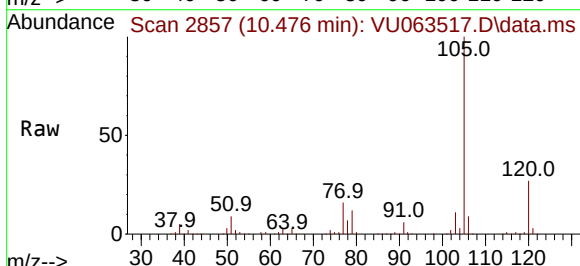
Acq: 16 Jul 2025 14:19

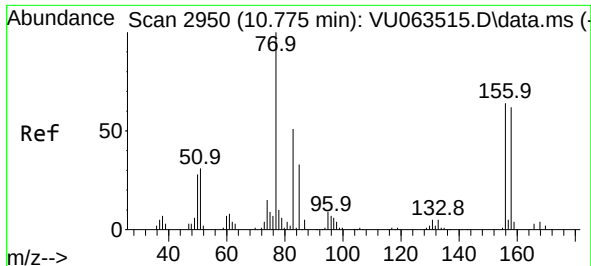
Tgt Ion:105 Resp: 336555

Ion Ratio Lower Upper

105 100

120 26.4 13.2 39.5

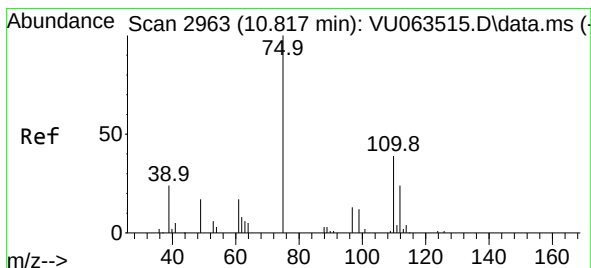
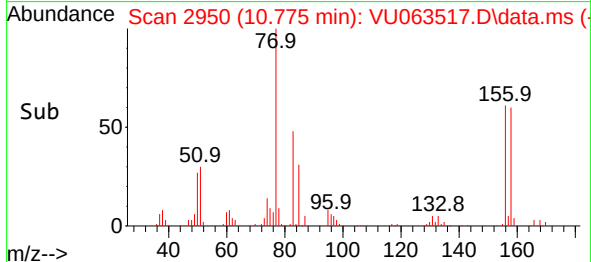
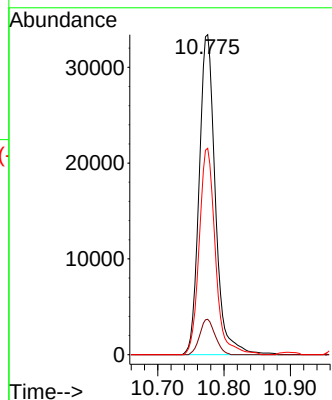
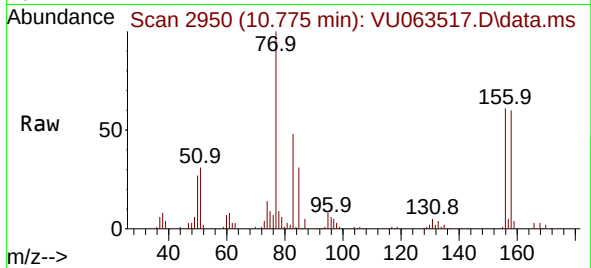




#70
 1,1,2,2-Tetrachloroethane
 Concen: 10.762 ug/l
 RT: 10.775 min Scan# 2950
 Delta R.T. 0.000 min
 Lab File: VU063517.D
 Acq: 16 Jul 2025 14:19

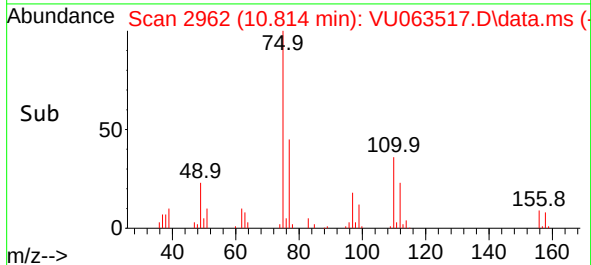
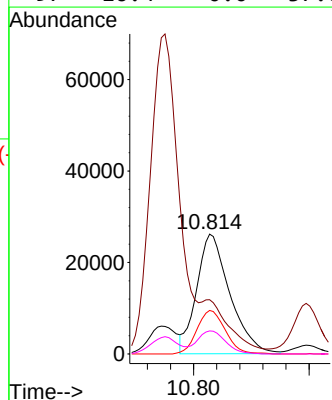
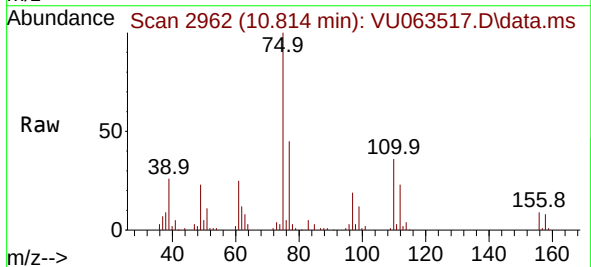
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU071625

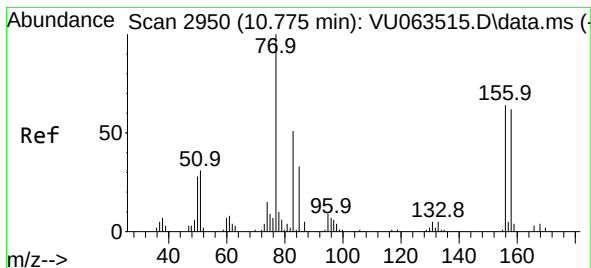
Tgt Ion: 83 Resp: 56769
 Ion Ratio Lower Upper
 83 100
 131 10.5 8.4 12.6
 85 64.2 51.9 77.9



#71
 1,2,3-Trichloropropane
 Concen: 12.139 ug/l
 RT: 10.814 min Scan# 2962
 Delta R.T. -0.003 min
 Lab File: VU063517.D
 Acq: 16 Jul 2025 14:19

Tgt Ion: 75 Resp: 52254
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0
 110 31.1 0.0 73.2
 97 16.4 0.0 37.6





#72

Bromobenzene

Concen: 11.605 ug/l

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU063517.D

Acq: 16 Jul 2025 14:19

Instrument :

MSVOA_U

ClientSampleId :

ICVVU071625

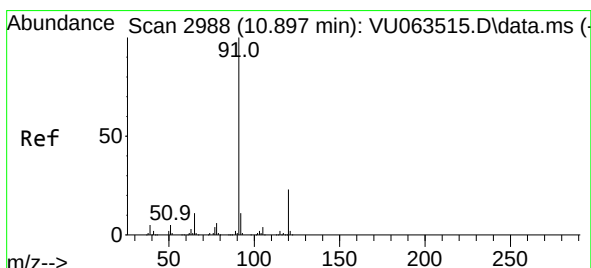
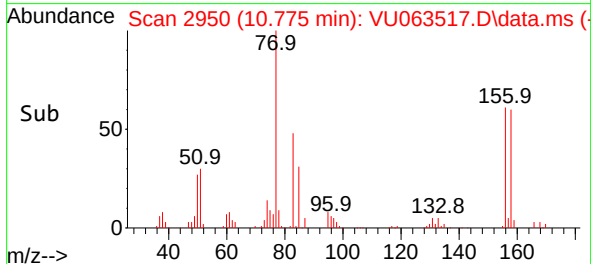
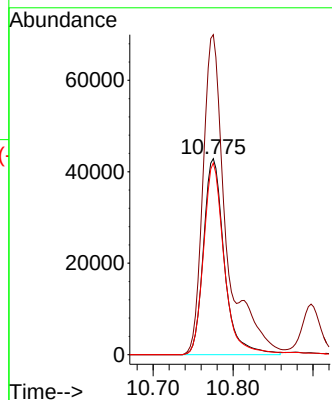
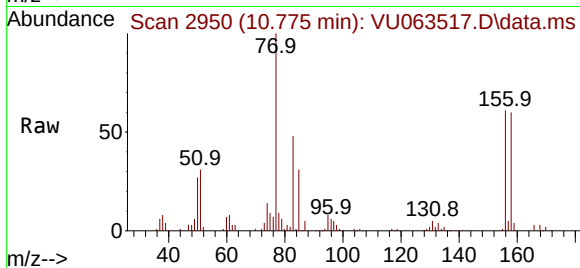
Tgt Ion:156 Resp: 77499

Ion Ratio Lower Upper

156 100

77 156.1 0.0 315.2

158 96.6 0.0 195.4



#73

n-propylbenzene

Concen: 11.877 ug/l

RT: 10.897 min Scan# 2988

Delta R.T. 0.000 min

Lab File: VU063517.D

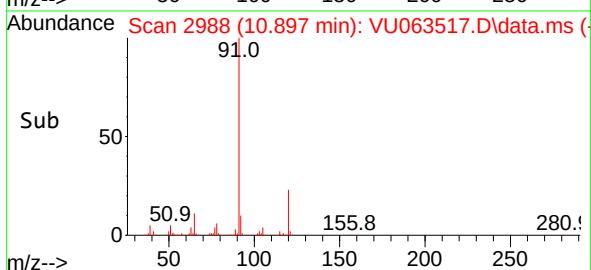
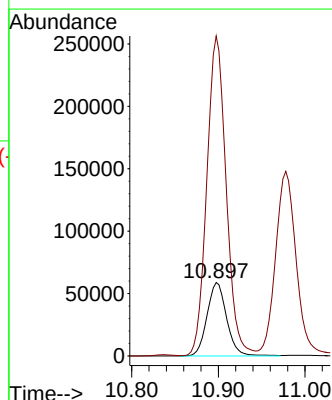
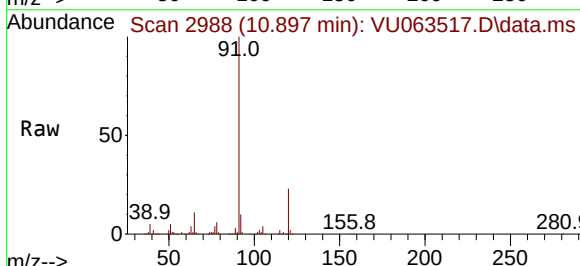
Acq: 16 Jul 2025 14:19

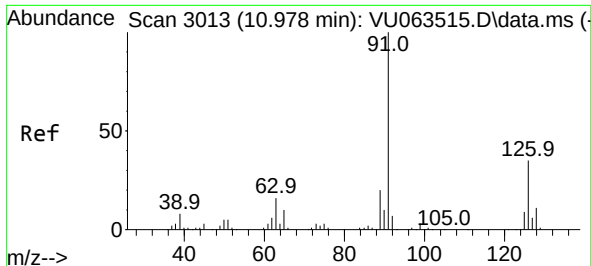
Tgt Ion:120 Resp: 92519

Ion Ratio Lower Upper

120 100

91 429.6 343.1 514.7

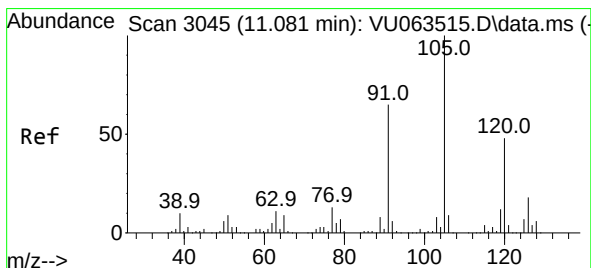
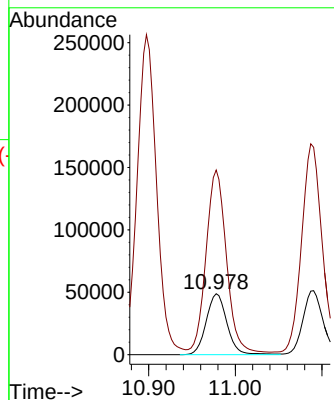
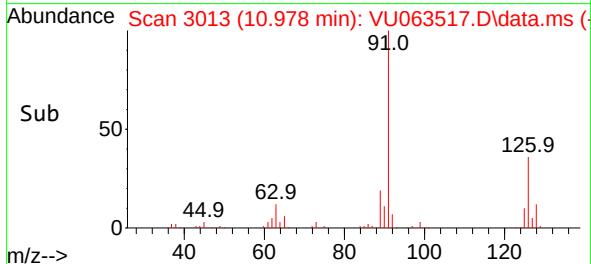
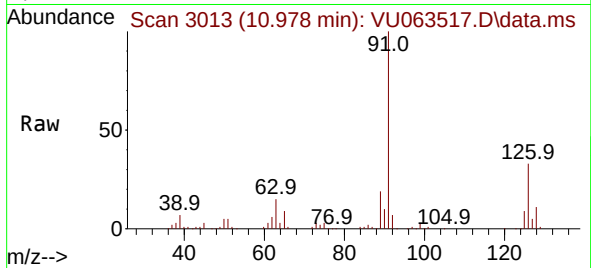




#74
2-Chlorotoluene
Concen: 11.787 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. 0.000 min
Lab File: VU063517.D
Acq: 16 Jul 2025 14:19

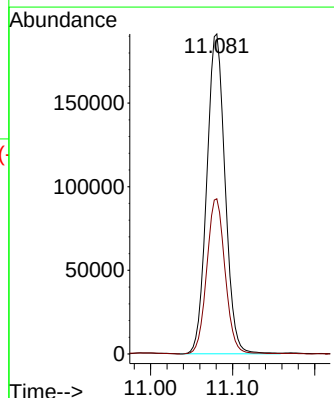
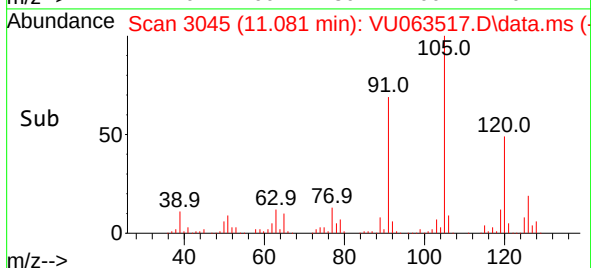
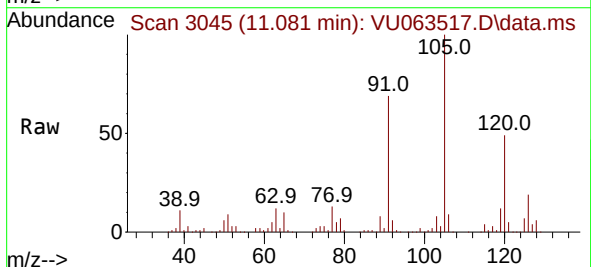
Instrument :
MSVOA_U
ClientSampleId :
ICVVU071625

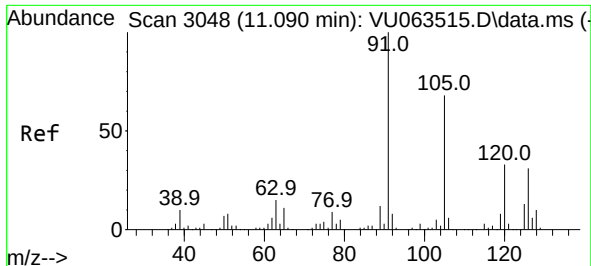
Tgt Ion:126 Resp: 81148
Ion Ratio Lower Upper
126 100
91 298.0 0.0 606.0



#75
1,3,5-Trimethylbenzene
Concen: 11.999 ug/l
RT: 11.081 min Scan# 3045
Delta R.T. 0.000 min
Lab File: VU063517.D
Acq: 16 Jul 2025 14:19

Tgt Ion:105 Resp: 296624
Ion Ratio Lower Upper
105 100
120 48.7 37.8 56.8

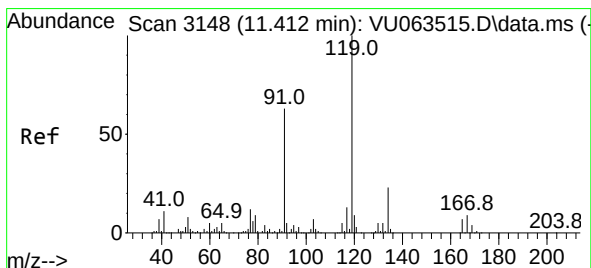
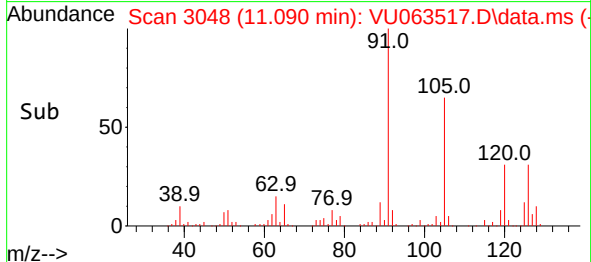
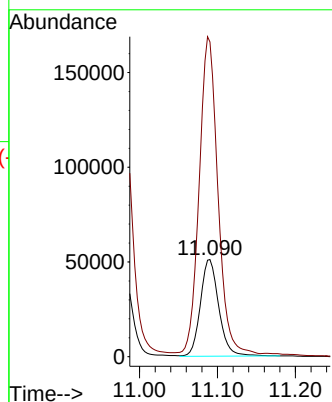
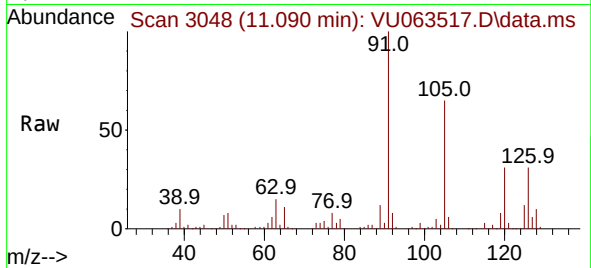




#76
4-Chlorotoluene
Concen: 11.950 ug/l
RT: 11.090 min Scan# 3048
Delta R.T. 0.000 min
Lab File: VU063517.D
Acq: 16 Jul 2025 14:19

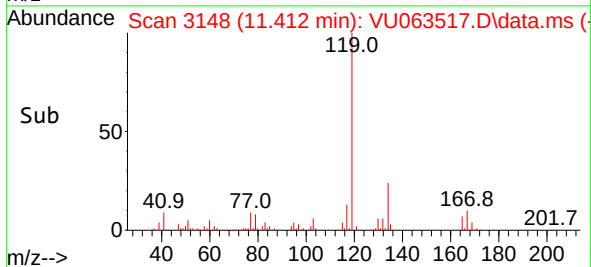
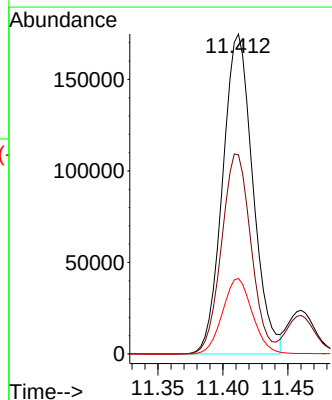
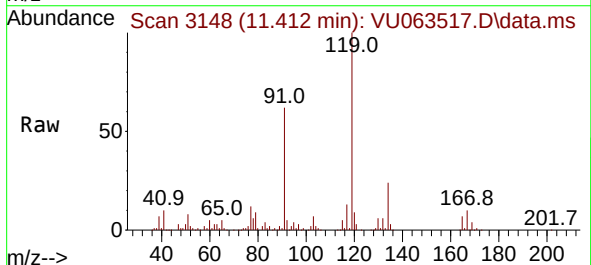
Instrument :
MSVOA_U
ClientSampleId :
ICVVU071625

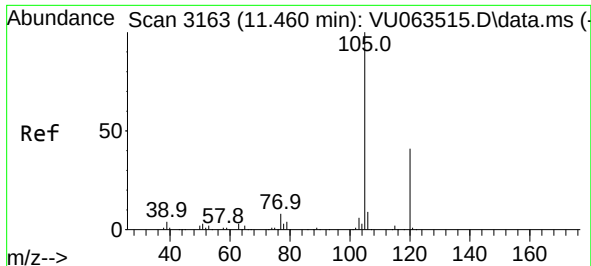
Tgt Ion:126 Resp: 83551
Ion Ratio Lower Upper
126 100
91 332.4 0.0 682.2



#77
tert-Butylbenzene
Concen: 11.976 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. 0.000 min
Lab File: VU063517.D
Acq: 16 Jul 2025 14:19

Tgt Ion:119 Resp: 282930
Ion Ratio Lower Upper
119 100
91 61.3 30.7 92.1
134 23.4 18.5 27.7

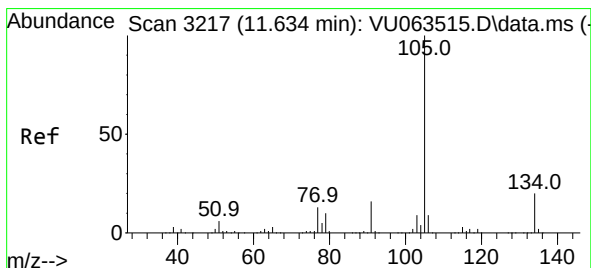
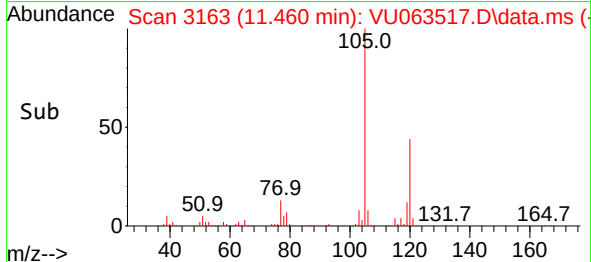
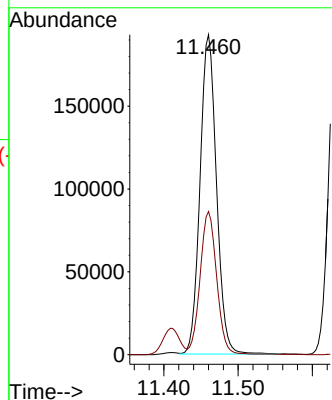
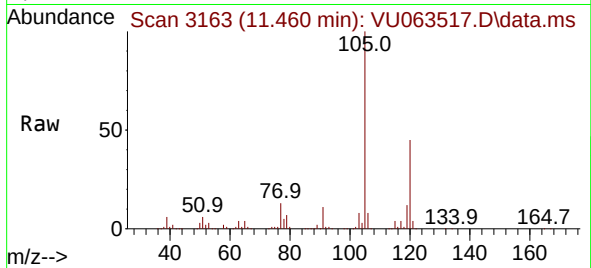




#78
1,2,4-Trimethylbenzene
Concen: 12.070 ug/l
RT: 11.460 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VU063517.D
Acq: 16 Jul 2025 14:19

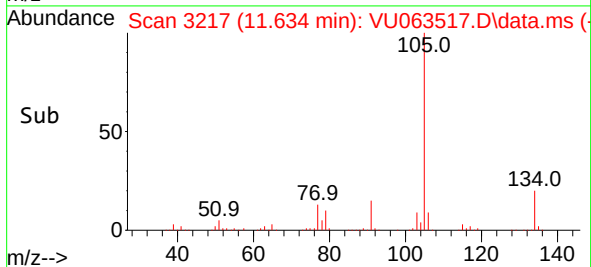
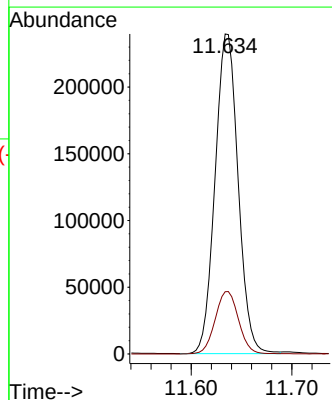
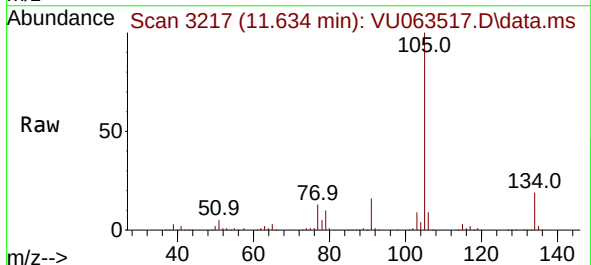
Instrument :
MSVOA_U
ClientSampleId :
ICVVU071625

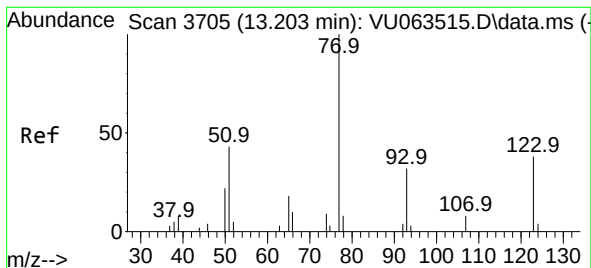
Tgt Ion:105 Resp: 296010
Ion Ratio Lower Upper
105 100
120 44.9 22.7 68.0



#79
sec-Butylbenzene
Concen: 11.975 ug/l
RT: 11.634 min Scan# 3217
Delta R.T. 0.000 min
Lab File: VU063517.D
Acq: 16 Jul 2025 14:19

Tgt Ion:105 Resp: 381524
Ion Ratio Lower Upper
105 100
134 19.9 16.2 24.4





#80

Nitrobenzene

Concen: 8.023 ug/l

RT: 13.216 min Scan# 3709

Delta R.T. 0.013 min

Lab File: VU063517.D

Acq: 16 Jul 2025 14:19

Instrument :

MSVOA_U

ClientSampleId :

ICVVU071625

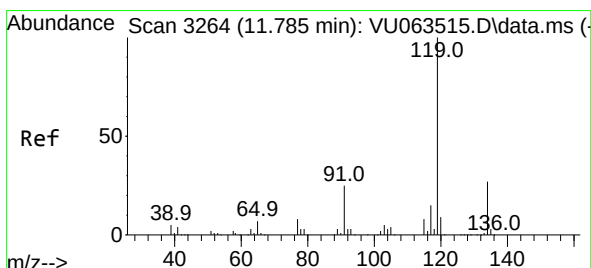
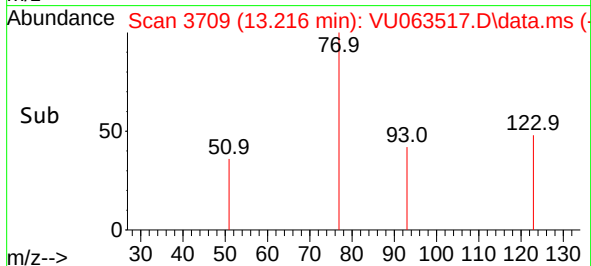
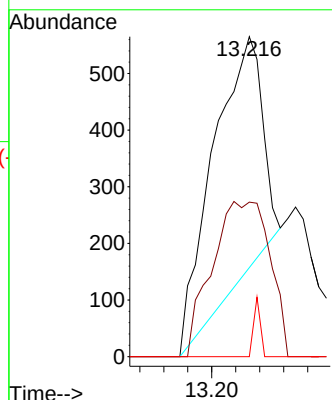
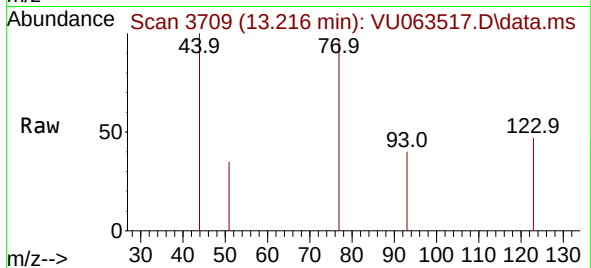
Tgt Ion: 77 Resp: 625

Ion Ratio Lower Upper

77 100

123 73.4 16.9 59.7#

65 0.0 16.5 20.9#



#81

p-Isopropyltoluene

Concen: 12.280 ug/l

RT: 11.785 min Scan# 3264

Delta R.T. 0.000 min

Lab File: VU063517.D

Acq: 16 Jul 2025 14:19

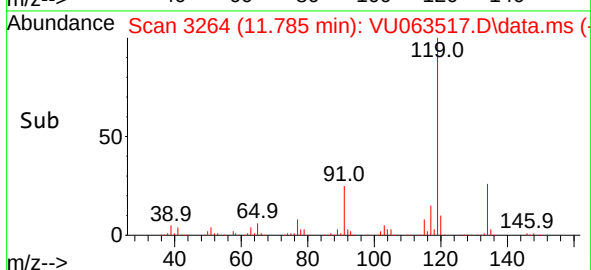
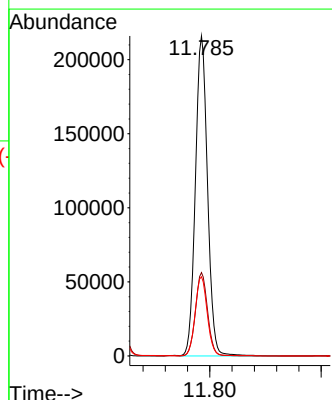
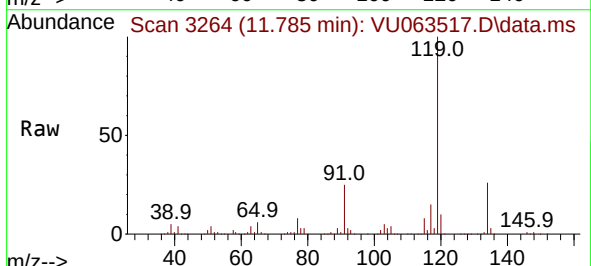
Tgt Ion: 119 Resp: 326583

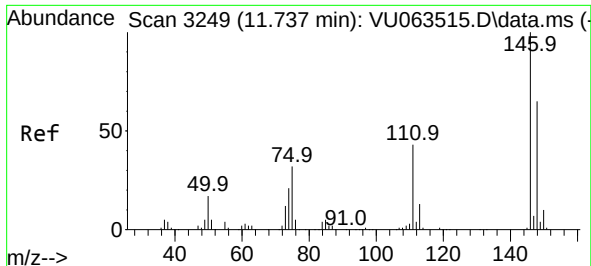
Ion Ratio Lower Upper

119 100

134 26.0 21.1 31.7

91 24.6 19.8 29.8





#82

1,3-Dichlorobenzene

Concen: 11.911 ug/l

RT: 11.737 min Scan# 3249

Delta R.T. 0.000 min

Lab File: VU063517.D

Acq: 16 Jul 2025 14:19

Instrument :

MSVOA_U

ClientSampleId :

ICVVU071625

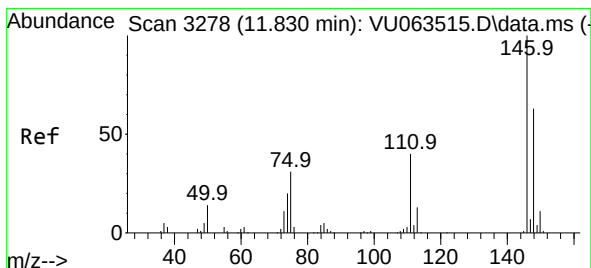
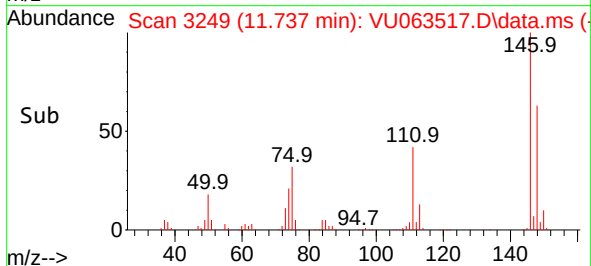
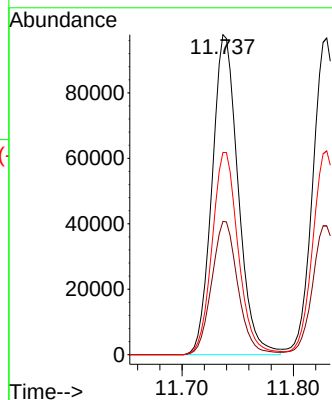
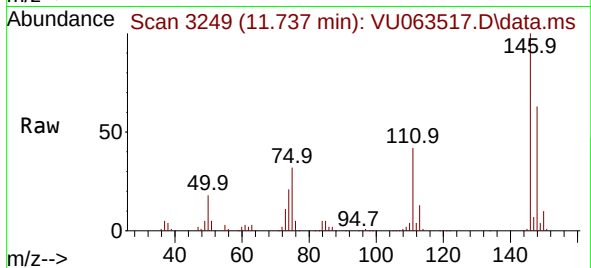
Tgt Ion:146 Resp: 159160

Ion Ratio Lower Upper

146 100

111 41.8 33.8 50.6

148 63.6 51.5 77.3



#83

1,4-Dichlorobenzene

Concen: 11.662 ug/l

RT: 11.830 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VU063517.D

Acq: 16 Jul 2025 14:19

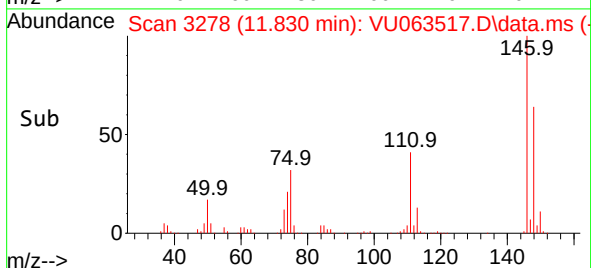
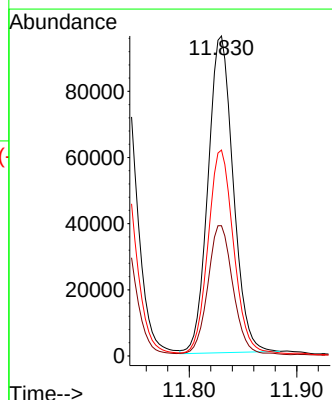
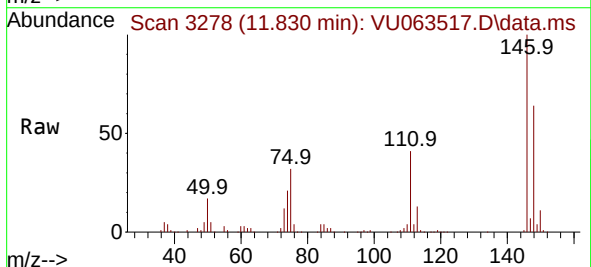
Tgt Ion:146 Resp: 155981

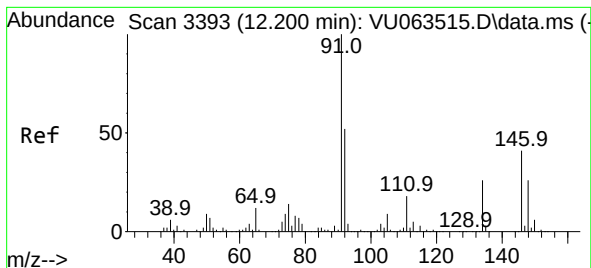
Ion Ratio Lower Upper

146 100

111 41.3 32.0 48.0

148 65.5 50.2 75.2





#84

n-Butylbenzene

Concen: 12.202 ug/l

RT: 12.200 min Scan# 3393

Delta R.T. -0.000 min

Lab File: VU063517.D

Acq: 16 Jul 2025 14:19

Instrument :

MSVOA_U

ClientSampleId :

ICVVU071625

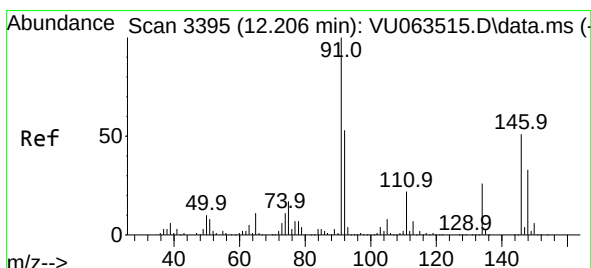
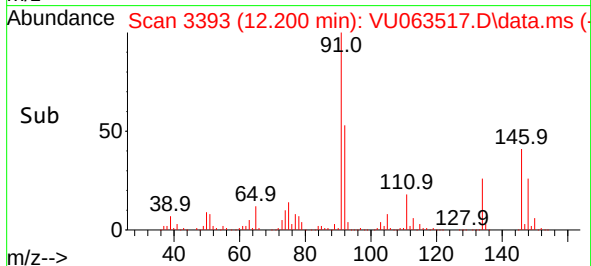
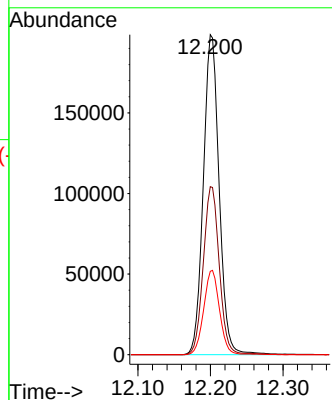
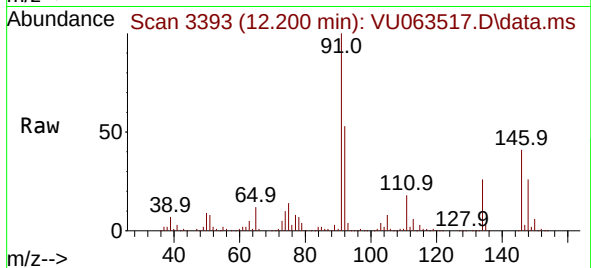
Tgt Ion: 91 Resp: 300975

Ion Ratio Lower Upper

91 100

92 53.2 41.5 62.3

134 26.3 20.6 30.8



#85

1,2-Dichlorobenzene

Concen: 11.990 ug/l

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU063517.D

Acq: 16 Jul 2025 14:19

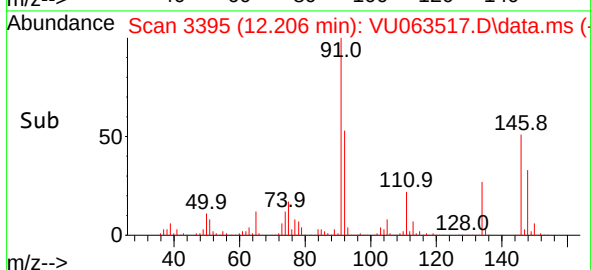
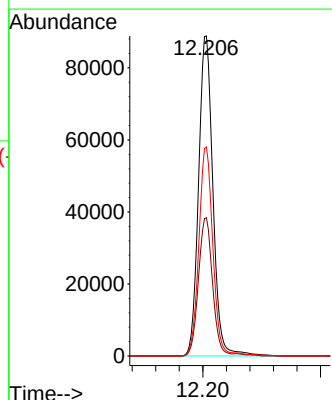
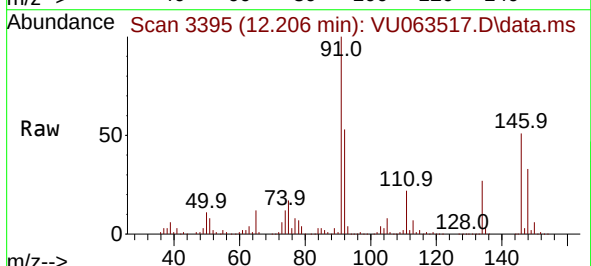
Tgt Ion:146 Resp: 150510

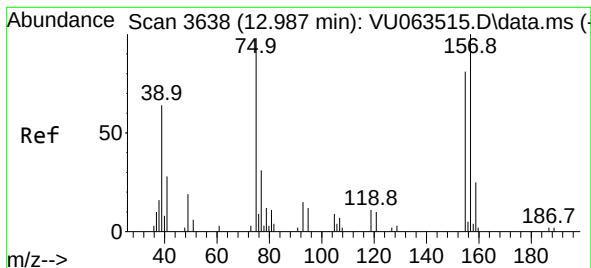
Ion Ratio Lower Upper

146 100

111 42.3 21.7 65.1

148 64.3 31.8 95.3

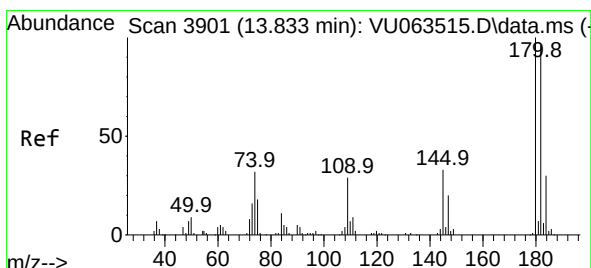
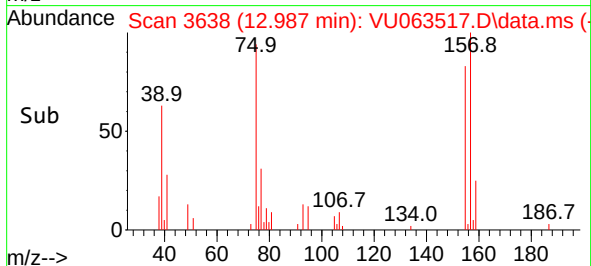
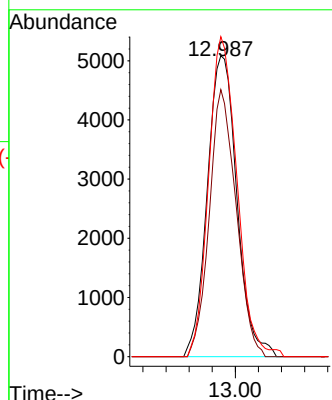
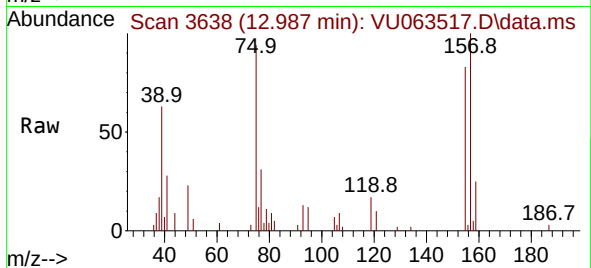




#86
1,2-Dibromo-3-Chloropropane
Concen: 10.124 ug/l
RT: 12.987 min Scan# 30
Delta R.T. 0.000 min
Lab File: VU063517.D
Acq: 16 Jul 2025 14:19

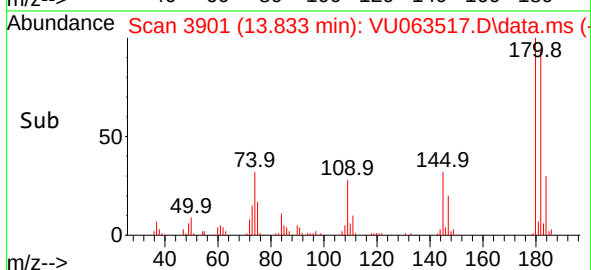
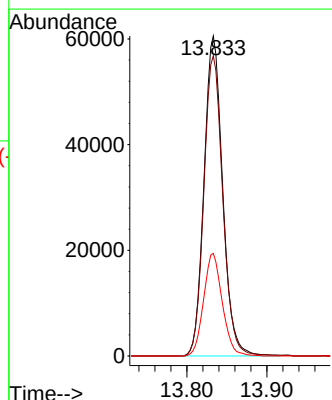
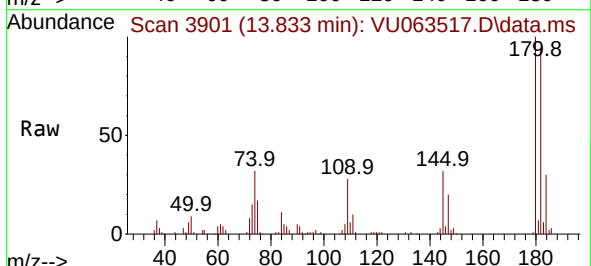
Instrument :
MSVOA_U
ClientSampleId :
ICVVU071625

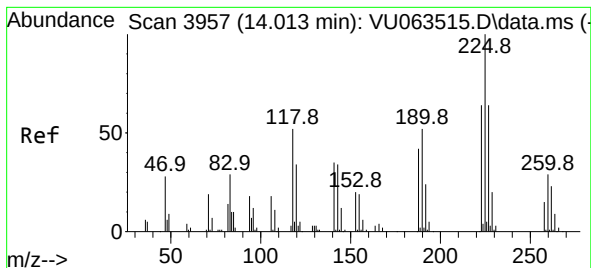
Tgt Ion: 75 Resp: 9053
Ion Ratio Lower Upper
75 100
155 80.4 65.8 98.6
157 101.9 81.4 122.2



#87
1,2,4-Trichlorobenzene
Concen: 12.623 ug/l
RT: 13.833 min Scan# 3901
Delta R.T. 0.000 min
Lab File: VU063517.D
Acq: 16 Jul 2025 14:19

Tgt Ion: 180 Resp: 98543
Ion Ratio Lower Upper
180 100
182 95.1 76.2 114.4
145 32.0 26.2 39.2





#88

Hexachlorobutadiene

Concen: 11.575 ug/l

RT: 14.013 min Scan# 3957

Delta R.T. 0.000 min

Lab File: VU063517.D

Acq: 16 Jul 2025 14:19

Instrument :

MSVOA_U

ClientSampleId :

ICVVU071625

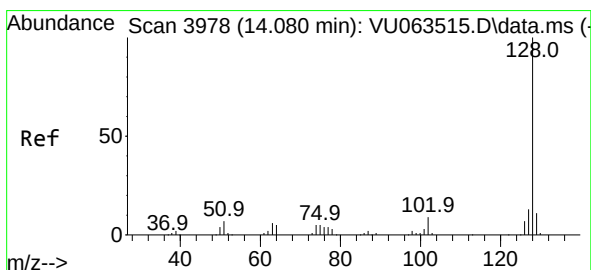
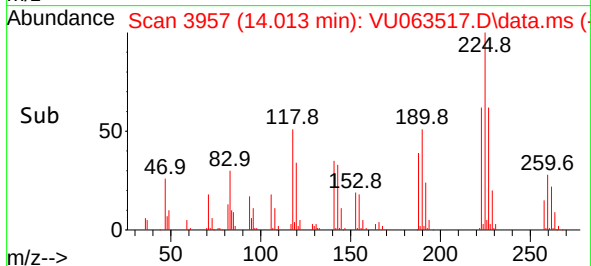
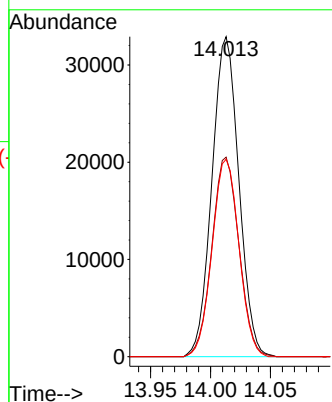
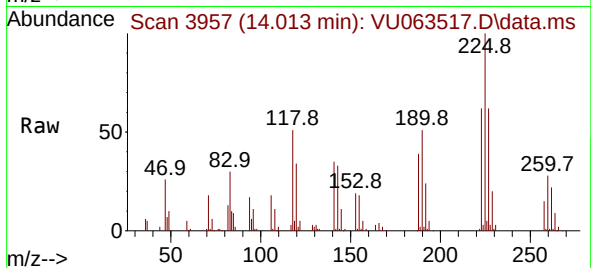
Tgt Ion:225 Resp: 51315

Ion Ratio Lower Upper

225 100

223 62.8 50.8 76.2

227 61.5 51.0 76.6



#89

Naphthalene

Concen: 11.841 ug/l

RT: 14.081 min Scan# 3978

Delta R.T. 0.001 min

Lab File: VU063517.D

Acq: 16 Jul 2025 14:19

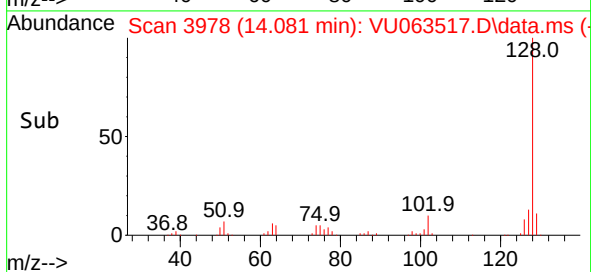
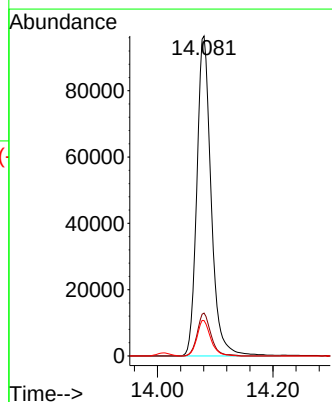
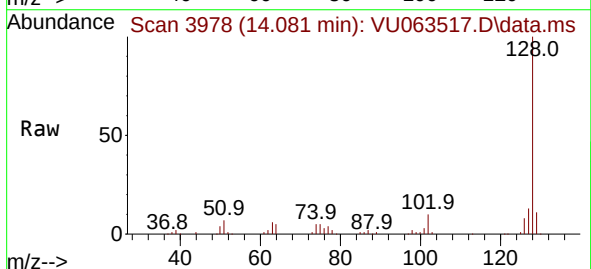
Tgt Ion:128 Resp: 165643

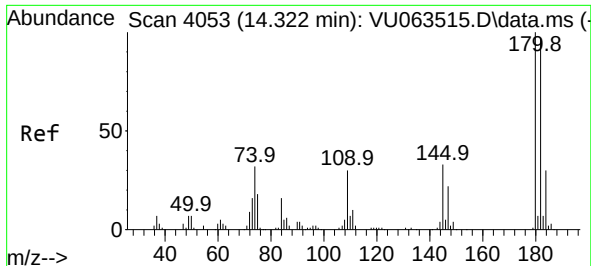
Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 10.6 8.8 13.2





#90

1,2,3-Trichlorobenzene

Concen: 11.788 ug/l

RT: 14.322 min Scan# 40

Delta R.T. 0.000 min

Lab File: VU063517.D

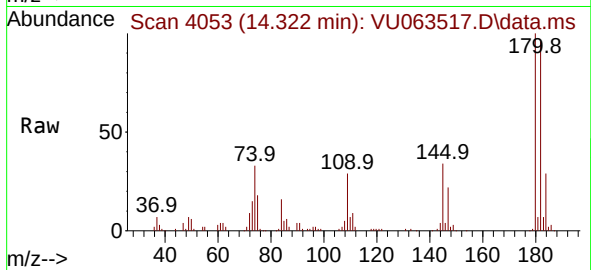
Acq: 16 Jul 2025 14:19

Instrument :

MSVOA_U

ClientSampleId :

ICVVU071625



Tgt Ion:180 Resp: 85042

Ion Ratio Lower Upper

180 100

182 95.2 78.0 117.0

145 33.3 27.3 40.9

