

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071825\
 Data File : VU063544.D
 Acq On : 18 Jul 2025 18:56
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Quant Time: Jul 18 23:52:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U071625DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jul 17 03:49:40 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.100	96	16944	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	7893	1.230	ug/l	0.00
Spiked Amount 1.000			Recovery	=	123.000%	
68) 1,2-Dichlorobenzene-d4	12.183	152	7815	1.317	ug/l	0.00
Spiked Amount 1.000			Recovery	=	132.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	55027	11.014	ug/l	100
3) Chloromethane	1.518	50	56740	12.218	ug/l	99
4) Vinyl Chloride	1.599	62	72380	12.237	ug/l	99
5) Bromomethane	1.843	94	59248	13.283	ug/l	100
6) Chloroethane	1.923	64	45697	12.795	ug/l	97
7) Trichlorofluoromethane	2.129	101	108515	12.778	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.567	101	59688	13.449	ug/l	99
9) 1,1-Dichloroethene	2.567	96	56826	12.918	ug/l	98
10) Iodomethane	2.708	142	50641	7.910	ug/l	99
11) Allyl Chloride	2.907	41	80093	12.603	ug/l	98
12) Acrylonitrile	3.306	53	26992	24.532	ug/l	# 91
13) Acetone	2.618	43	51807	58.771	ug/l	97
14) Carbon Disulfide	2.779	76	142640	10.039	ug/l	100
15) Methylene Chloride	3.030	84	67426	13.019	ug/l	99
16) trans-1,2-Dichloroethene	3.335	96	64054	12.821	ug/l	97
17) 1,1-Dichloroethane	3.849	63	125142	13.514	ug/l	99
18) 2-Butanone	4.711	43	88319	64.697	ug/l	99
19) Cyclohexane	5.357	56	98695	12.588	ug/l	99
20) Methylcyclohexane	6.743	83	81396	10.681	ug/l	98
21) 2,2-Dichloropropane	4.644	77	82714	10.490	ug/l	100
22) cis-1,2-Dichloroethene	4.647	96	71865	13.256	ug/l	99
23) Diethyl Ether	2.370	59	45578	13.597	ug/l	98
24) tert-Butyl Alcohol	3.190	59	52107	128.772	ug/l	99
25) Methyl tert-Butyl Ether	3.361	73	154471	13.451	ug/l	100
26) Bromochloromethane	4.955	128	31253	13.807	ug/l	97
27) Chloroform	5.071	83	127296	13.472	ug/l	99
28) 1,1,1-Trichloroethane	5.293	97	102746	12.812	ug/l	98
29) 1,1-Dichloropropene	5.502	75	95659	12.876	ug/l	98
30) Carbon Tetrachloride	5.499	117	82331	12.755	ug/l	99
31) Isopropyl Ether	3.991	45	184409	13.193	ug/l	100
32) Ethyl-t-butyl ether	4.502	59	172224	13.314	ug/l	99
33) Tert-Amyl methyl ether	5.939	73	115354	10.275	ug/l	98
34) Propionitrile	4.775	54	26850	64.554	ug/l	99
35) Benzene	5.753	78	269322	13.492	ug/l	98
36) 1,2-Dichloroethane	5.779	62	84780	13.669	ug/l	99
37) Trichloroethene	6.525	130	55354	10.869	ug/l	95
38) 1,2-Dichloropropane	6.779	63	57574	12.324	ug/l	99
39) Methacrylonitrile	4.968	41	24023	12.993	ug/l	98
40) Methyl acrylate	4.846	55	36577	13.534	ug/l	98
41) Tetrahydrofuran	5.062	42	24259	24.943	ug/l	99
42) 1-Chlorobutane	5.438	56	128731	13.033	ug/l	100
43) Dibromomethane	6.907	93	29845	12.332	ug/l	93
44) Bromodichloromethane	7.094	83	63878	11.704	ug/l	97

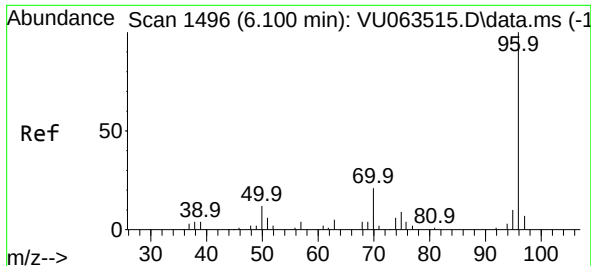
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jul 17 03:49:40 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.795	43	164133	65.803	ug/l	99
46) t-1,4-Dichloro-2-butene	10.814	75	52503	56.073	ug/l #	55
47) Methyl methacrylate	6.962	69	50298	24.746	ug/l	99
48) Ethyl methacrylate	8.332	69	50754	13.085	ug/l	97
49) Toluene	7.959	92	139138	12.767	ug/l	99
50) t-1,3-Dichloropropene	8.203	75	48452	11.315	ug/l	99
51) cis-1,3-Dichloropropene	7.598	75	66305	11.536	ug/l	99
52) 1,1,2-Trichloroethane	8.393	97	42195	12.950	ug/l	98
53) 1,3-Dichloropropane	8.566	76	73196	13.013	ug/l	99
54) 2-Hexanone	8.685	43	110434	66.656	ug/l	100
55) Dibromochloromethane	8.801	129	42027	12.206	ug/l	99
56) 1,2-Dibromoethane	8.914	107	36648	12.568	ug/l	100
58) Tetrachloroethene	8.541	164	53824	11.547	ug/l	98
59) Chlorobenzene	9.438	112	157970	12.620	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.524	131	47992	11.922	ug/l	99
61) Pentachloroethane	11.418	117	36881	12.966	ug/l	93
62) Hexachloroethane	12.466	117	35155	12.481	ug/l	93
63) Ethyl Benzene	9.560	91	273334	12.689	ug/l	99
64) m/p-Xylenes	9.685	106	219209	26.181	ug/l	99
65) o-Xylene	10.090	106	106017	13.178	ug/l	99
66) Styrene	10.106	104	174794	13.632	ug/l	98
67) Bromoform	10.280	173	19734	11.159	ug/l	99
69) Isopropylbenzene	10.476	105	258453	13.288	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.772	83	53834	13.578	ug/l	100
71) 1,2,3-Trichloropropane	10.814	75	52503	16.305	ug/l #	90
72) Bromobenzene	10.772	156	63661	12.683	ug/l	96
73) n-propylbenzene	10.897	120	78962	13.486	ug/l	98
74) 2-Chlorotoluene	10.978	126	68161	13.172	ug/l	99
75) 1,3,5-Trimethylbenzene	11.077	105	253211	13.628	ug/l	100
76) 4-Chlorotoluene	11.090	126	70511	13.418	ug/l	98
77) tert-Butylbenzene	11.412	119	237522	13.376	ug/l	98
78) 1,2,4-Trimethylbenzene	11.460	105	251804	13.660	ug/l	100
79) sec-Butylbenzene	11.634	105	328415	13.715	ug/l	98
80) Nitrobenzene	13.203	77	3504	41.586	ug/l #	91
81) p-Isopropyltoluene	11.785	119	273292	13.672	ug/l	99
82) 1,3-Dichlorobenzene	11.737	146	133319	13.274	ug/l	99
83) 1,4-Dichlorobenzene	11.827	146	134977	13.426	ug/l	100
84) n-Butylbenzene	12.200	91	259823	14.015	ug/l	99
85) 1,2-Dichlorobenzene	12.203	146	125256	13.275	ug/l	100
86) 1,2-Dibromo-3-Chloropr...	12.987	75	7568	11.029	ug/l	98
87) 1,2,4-Trichlorobenzene	13.833	180	74166	12.640	ug/l	100
88) Hexachlorobutadiene	14.013	225	41074	12.327	ug/l	99
89) Naphthalene	14.081	128	132336	12.586	ug/l	100
90) 1,2,3-Trichlorobenzene	14.322	180	69414	12.802	ug/l	99

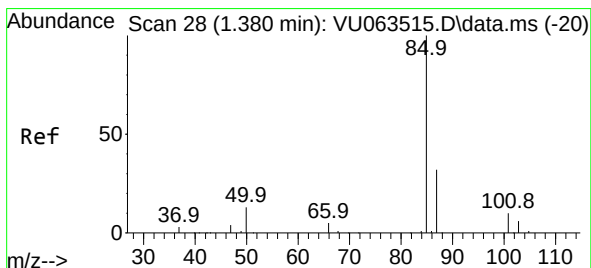
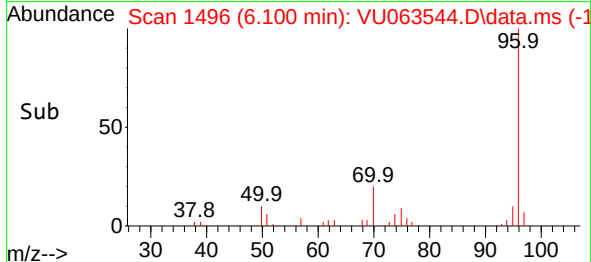
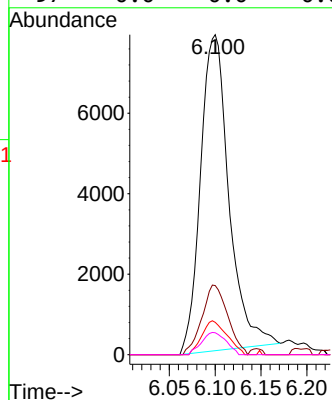
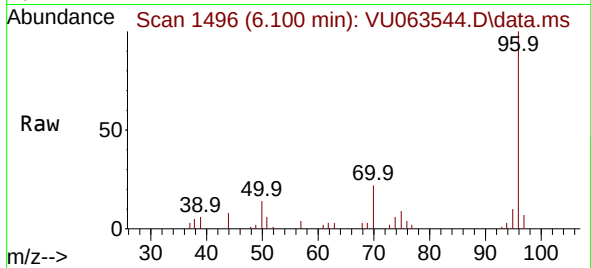
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.100 min Scan# 1496
Delta R.T. 0.000 min
Lab File: VU063544.D
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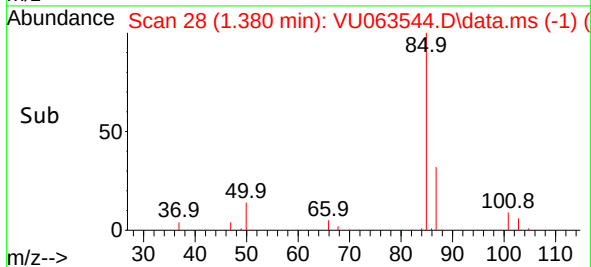
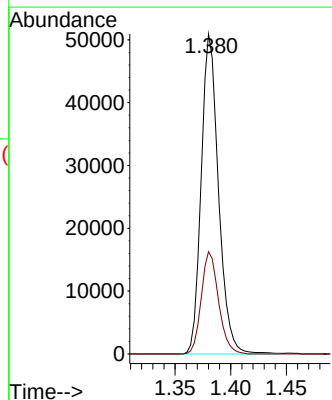
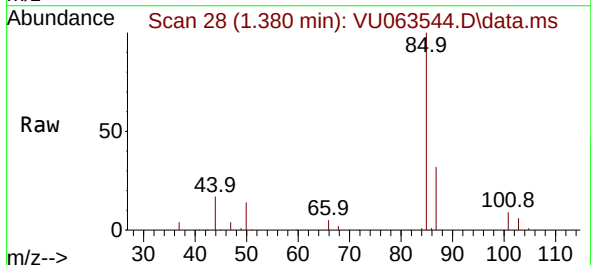
Instrument :
MSVOA_U
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VSTDCCC010EC

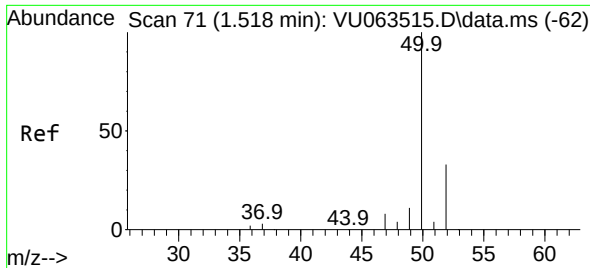
Tgt Ion:	96	Resp:	16944
Ion	Ratio	Lower	Upper
96	100		
70	19.9	15.0	22.4
95	9.4	7.4	11.0
97	0.0	0.0	0.0



#2
Dichlorodifluoromethane
Concen: 11.014 ug/l
RT: 1.380 min Scan# 28
Delta R.T. 0.000 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

Tgt Ion:	85	Resp:	55027
Ion	Ratio	Lower	Upper
85	100		
87	31.9	16.0	47.9

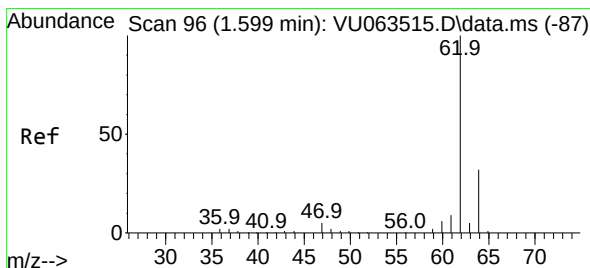
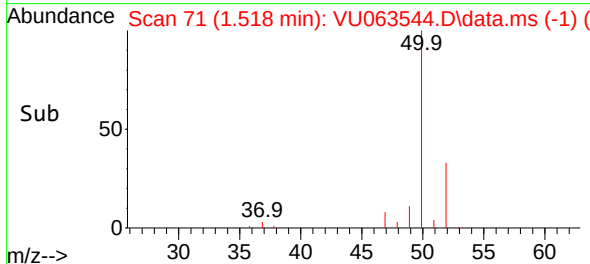
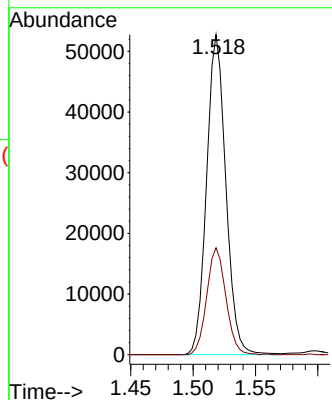
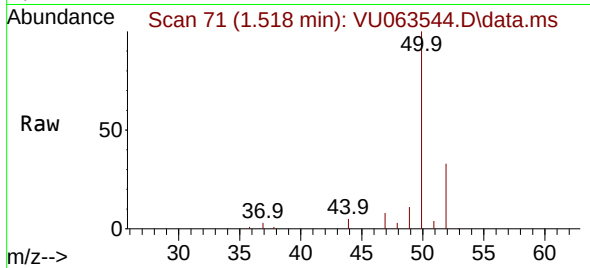




#3
Chloromethane
Concen: 12.218 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

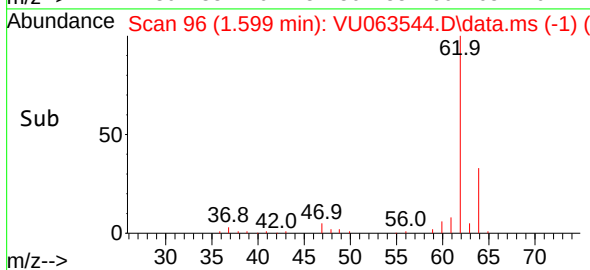
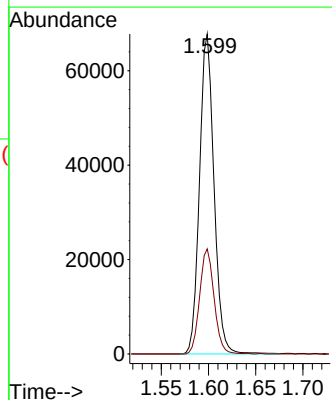
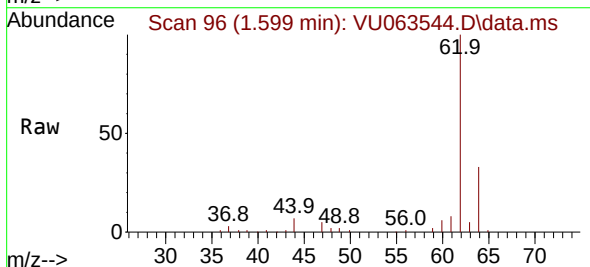
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

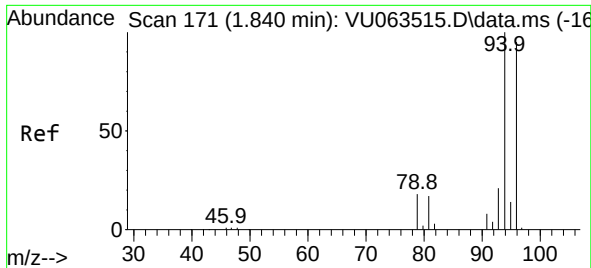
Tgt Ion: 50 Resp: 56740
Ion Ratio Lower Upper
50 100
52 33.4 26.3 39.5



#4
Vinyl Chloride
Concen: 12.237 ug/l
RT: 1.599 min Scan# 96
Delta R.T. 0.000 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

Tgt Ion: 62 Resp: 72380
Ion Ratio Lower Upper
62 100
64 32.8 25.7 38.5

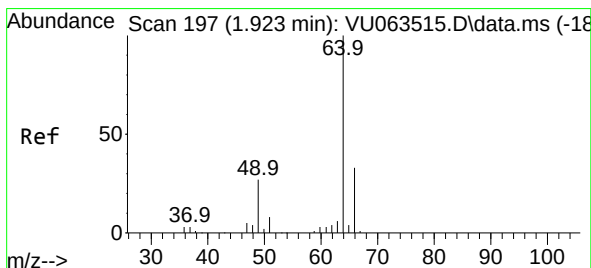
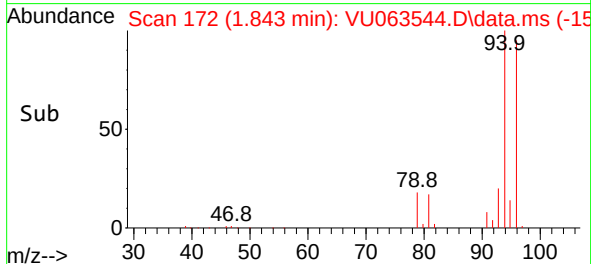
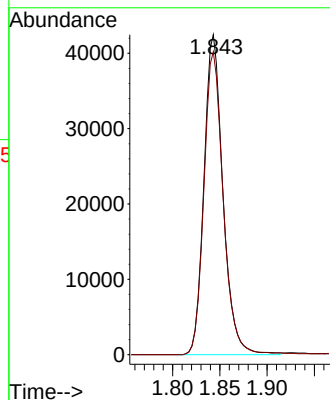
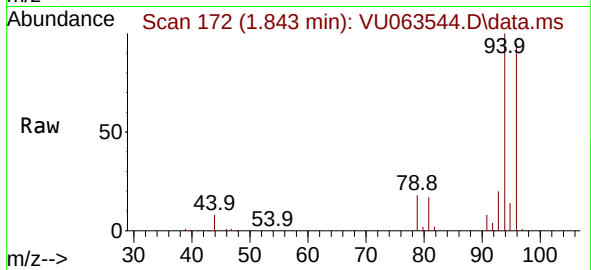




#5
Bromomethane
Concen: 13.283 ug/l
RT: 1.843 min Scan# 171
Delta R.T. 0.003 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

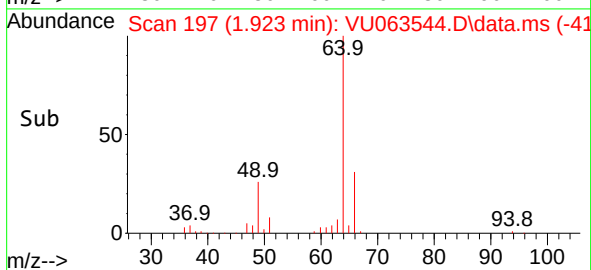
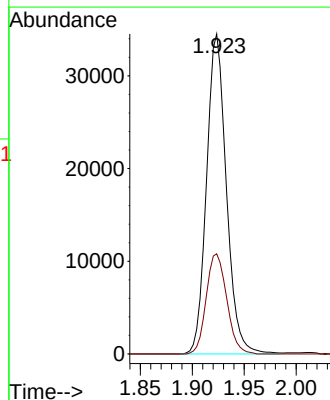
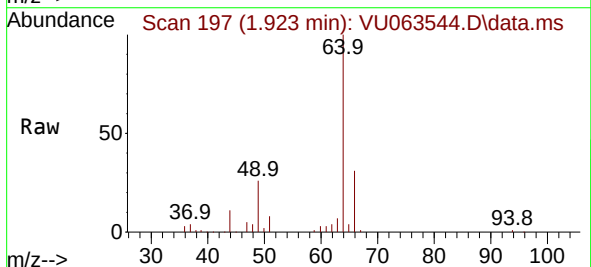
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ClientSampleId :
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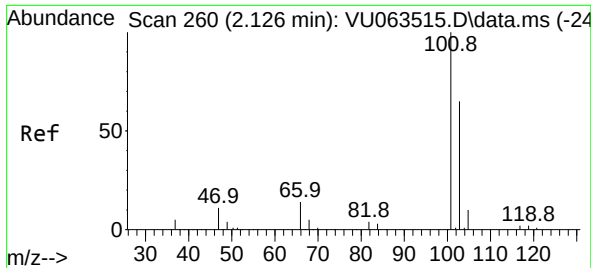
Tgt Ion: 94 Resp: 59248
Ion Ratio Lower Upper
94 100
96 94.7 75.8 113.6



#6
Chloroethane
Concen: 12.795 ug/l
RT: 1.923 min Scan# 197
Delta R.T. 0.000 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

Tgt Ion: 64 Resp: 45697
Ion Ratio Lower Upper
64 100
66 31.3 26.2 39.4

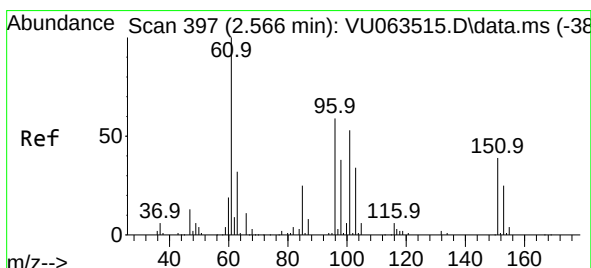
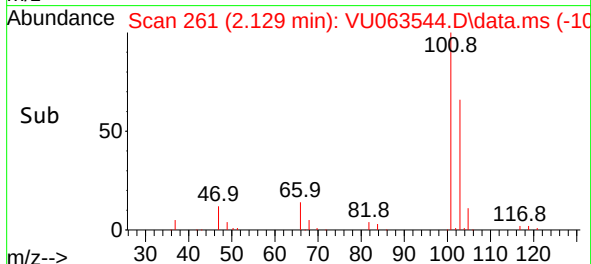
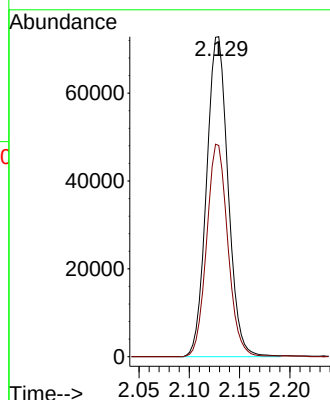
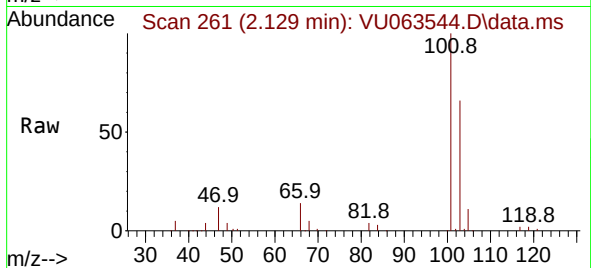




#7
 Trichlorofluoromethane
 Concen: 12.778 ug/l
 RT: 2.129 min Scan# 2
 Delta R.T. 0.003 min
 Lab File: VU063544.D
 Acq: 18 Jul 2025 18:56

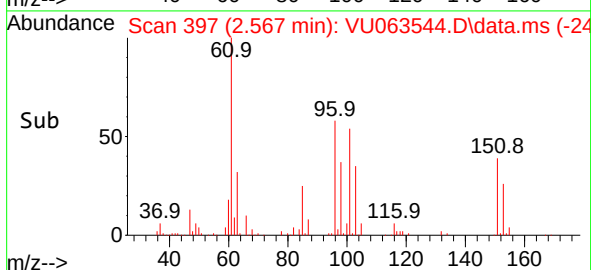
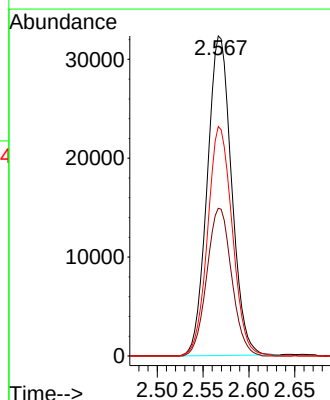
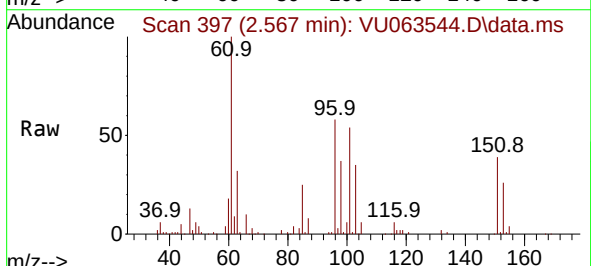
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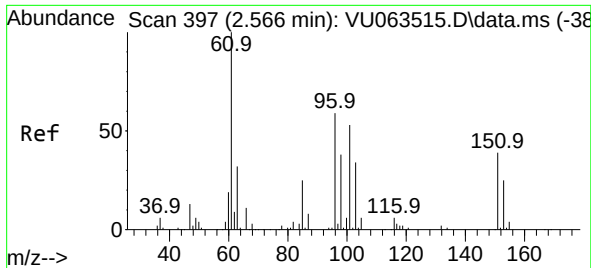
Tgt Ion:101 Resp: 108515
 Ion Ratio Lower Upper
 101 100
 103 66.0 52.2 78.4



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 13.449 ug/l
 RT: 2.567 min Scan# 397
 Delta R.T. 0.000 min
 Lab File: VU063544.D
 Acq: 18 Jul 2025 18:56

Tgt Ion:101 Resp: 59688
 Ion Ratio Lower Upper
 101 100
 85 47.0 37.8 56.6
 151 72.7 59.2 88.8

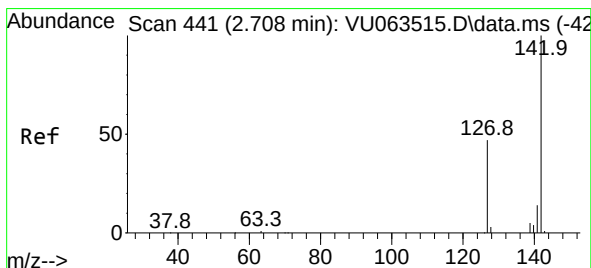
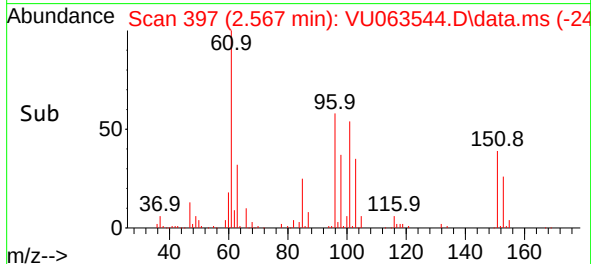
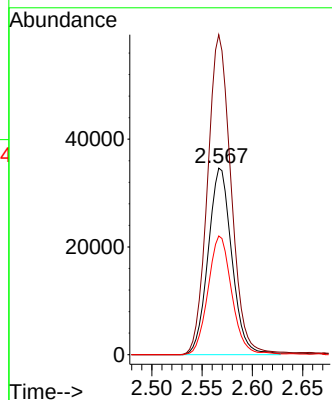
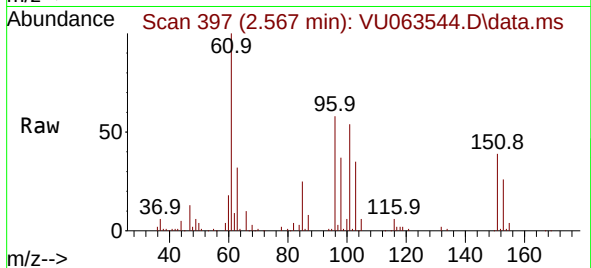




#9
1,1-Dichloroethene
Concen: 12.918 ug/l
RT: 2.567 min Scan# 397
Delta R.T. 0.000 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

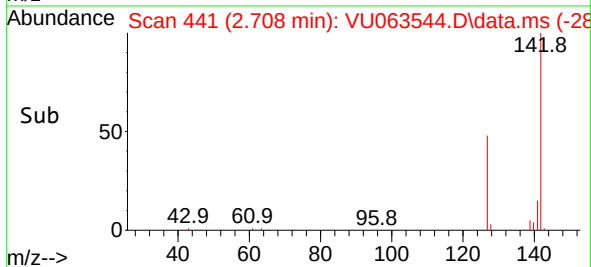
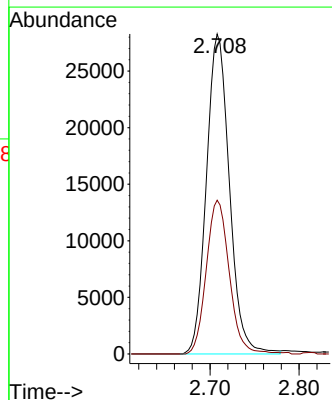
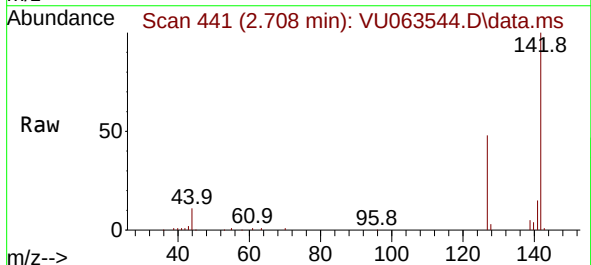
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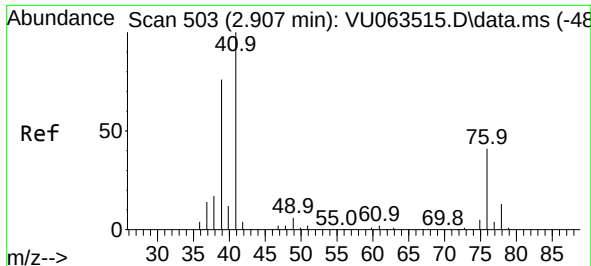
Tgt Ion: 96 Resp: 56826
Ion Ratio Lower Upper
96 100
61 171.5 0.0 504.3
98 63.6 0.0 126.8



#10
Iodomethane
Concen: 7.910 ug/l
RT: 2.708 min Scan# 441
Delta R.T. -0.000 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

Tgt Ion: 142 Resp: 50641
Ion Ratio Lower Upper
142 100
127 48.2 37.9 56.9

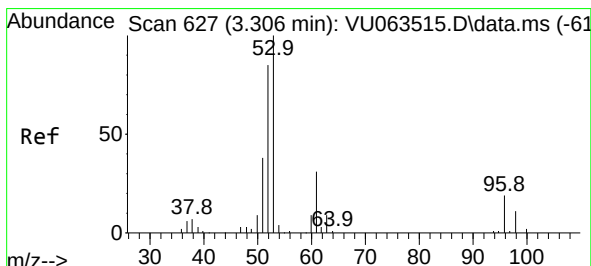
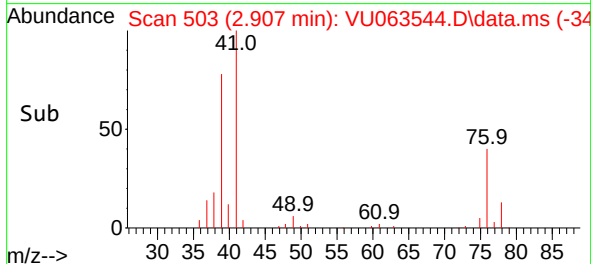
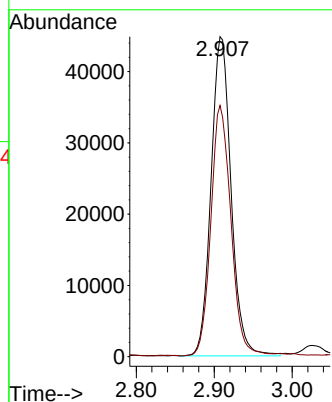
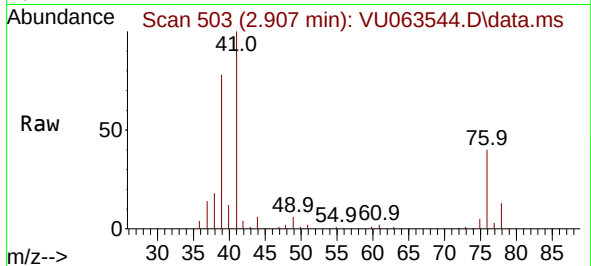




#11
 Allyl Chloride
 Concen: 12.603 ug/l
 RT: 2.907 min Scan# 503
 Delta R.T. 0.000 min
 Lab File: VU063544.D
 Acq: 18 Jul 2025 18:56

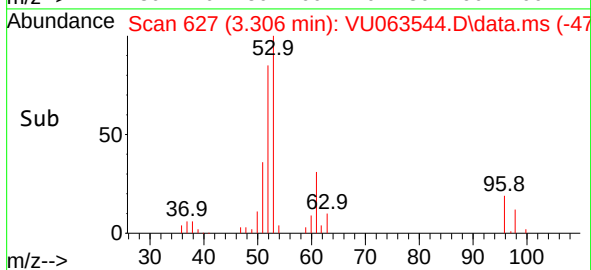
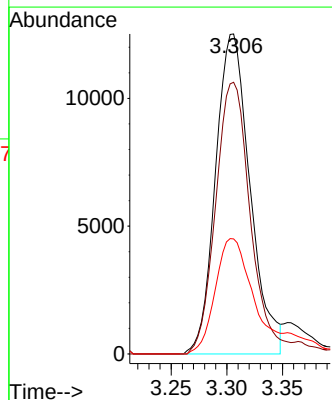
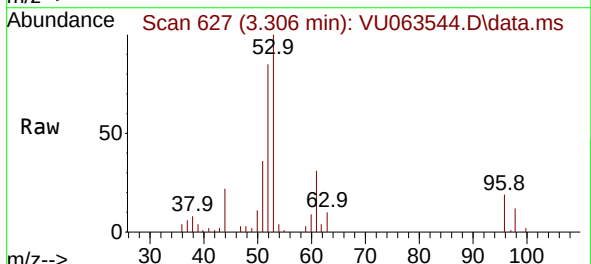
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

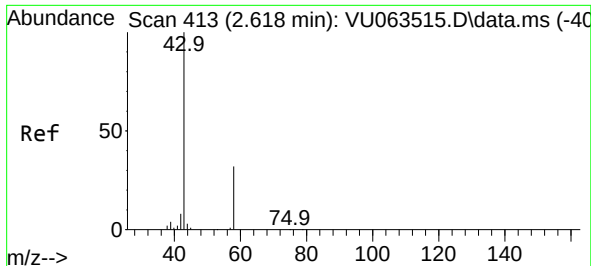
Tgt Ion: 41 Resp: 80093
 Ion Ratio Lower Upper
 41 100
 39 78.6 61.5 92.3



#12
 Acrylonitrile
 Concen: 24.532 ug/l
 RT: 3.306 min Scan# 627
 Delta R.T. 0.000 min
 Lab File: VU063544.D
 Acq: 18 Jul 2025 18:56

Tgt Ion: 53 Resp: 26992
 Ion Ratio Lower Upper
 53 100
 52 85.2 64.3 96.5
 51 44.9 27.8 41.8#





#13

Acetone

Concen: 58.771 ug/l

RT: 2.618 min Scan# 413

Delta R.T. 0.000 min

Lab File: VU063544.D

Acq: 18 Jul 2025 18:56

Instrument :

MSVOA_U

ClientSampleId :

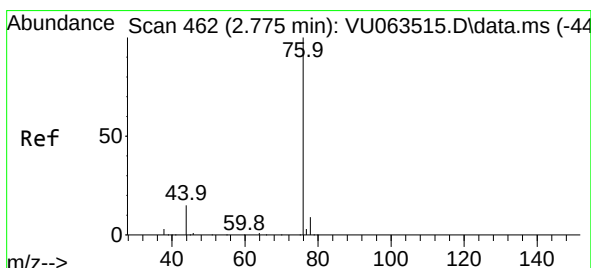
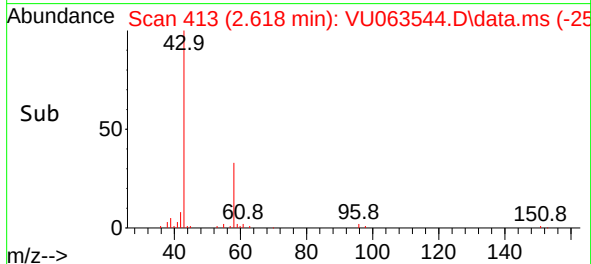
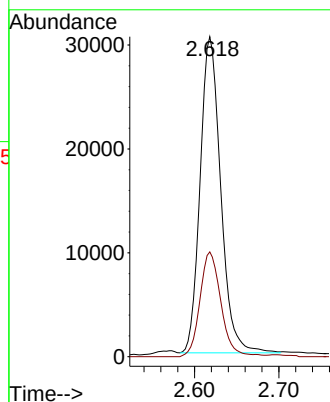
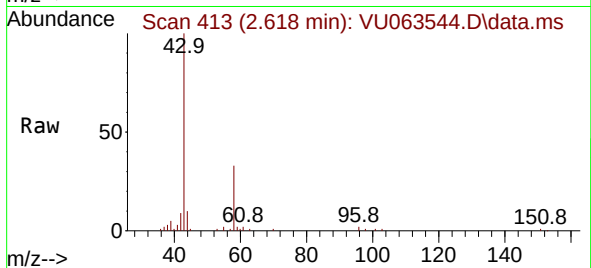
VSTDCCC010EC

Tgt Ion: 43 Resp: 51807

Ion Ratio Lower Upper

43 100

58 33.2 25.4 38.0



#14

Carbon Disulfide

Concen: 10.039 ug/l

RT: 2.779 min Scan# 463

Delta R.T. 0.003 min

Lab File: VU063544.D

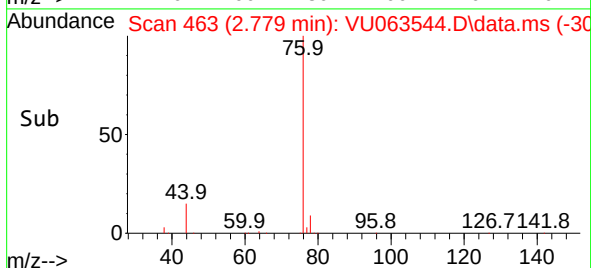
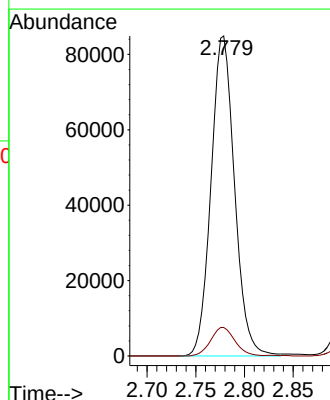
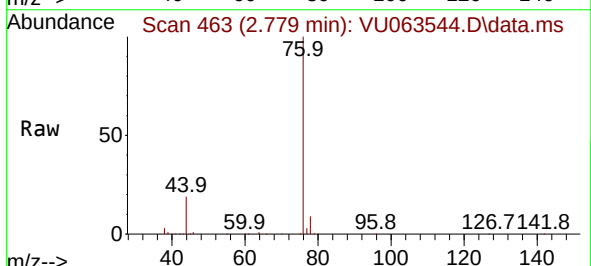
Acq: 18 Jul 2025 18:56

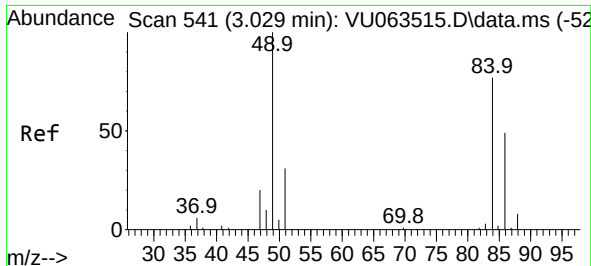
Tgt Ion: 76 Resp: 142640

Ion Ratio Lower Upper

76 100

78 8.9 7.0 10.6



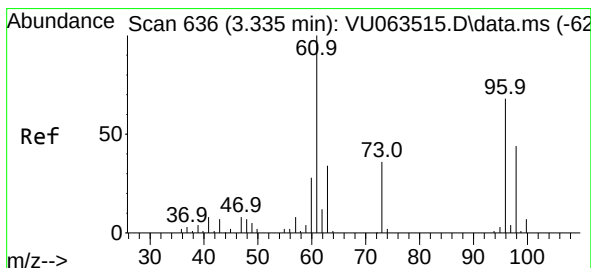
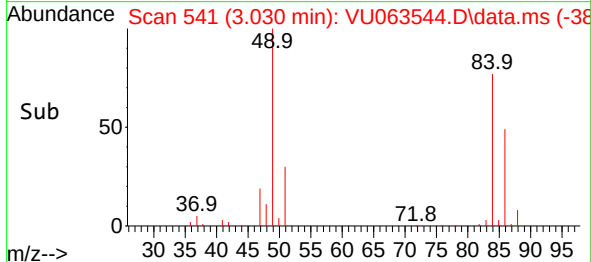
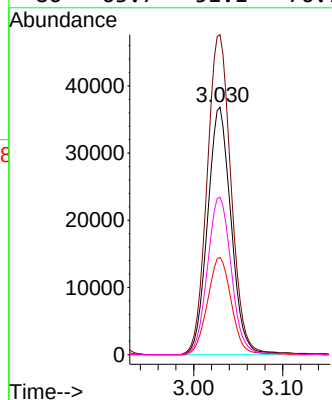
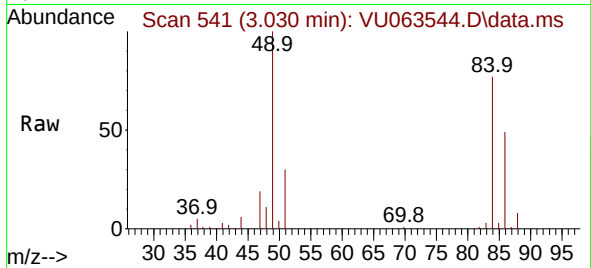


#15
Methylene Chloride
Concen: 13.019 ug/l
RT: 3.030 min Scan# 541
Delta R.T. 0.000 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 84 Resp: 67426

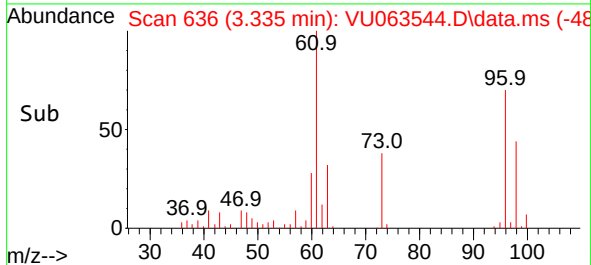
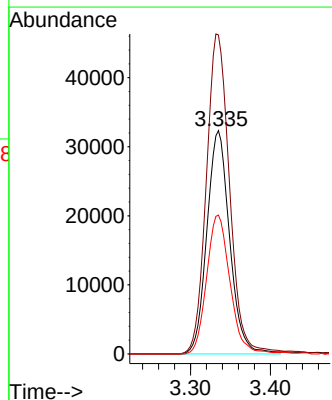
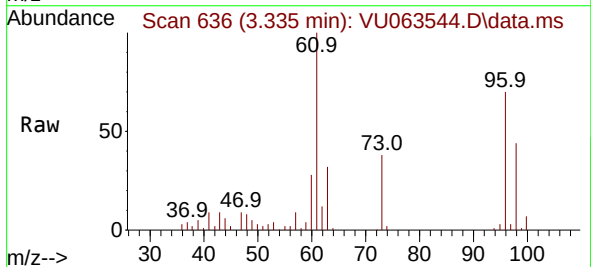
Ion	Ratio	Lower	Upper
84	100		
49	129.3	103.8	155.8
51	39.3	0.0	80.4
86	63.7	51.1	76.7

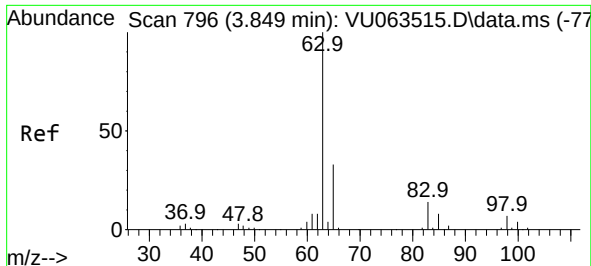


#16
trans-1,2-Dichloroethene
Concen: 12.821 ug/l
RT: 3.335 min Scan# 636
Delta R.T. 0.000 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

Tgt Ion: 96 Resp: 64054

Ion	Ratio	Lower	Upper
96	100		
61	142.8	117.2	175.8
98	62.2	51.4	77.2

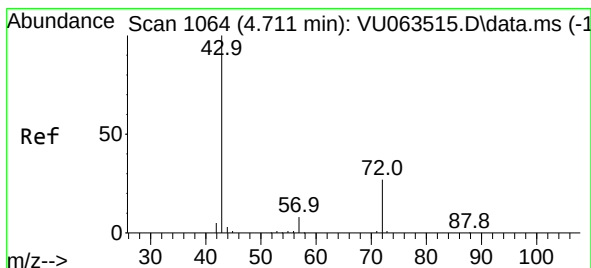
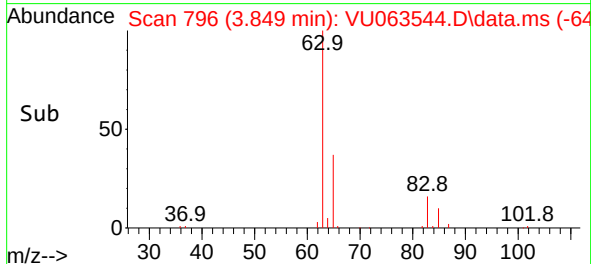
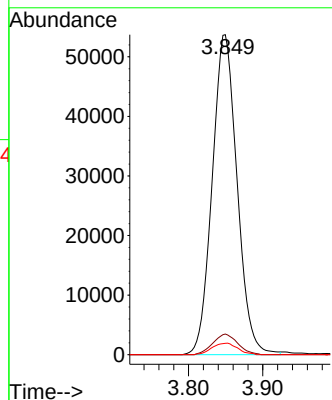
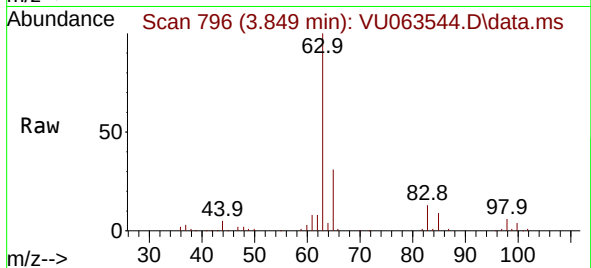




#17
1,1-Dichloroethane
Concen: 13.514 ug/l
RT: 3.849 min Scan# 796
Delta R.T. 0.000 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

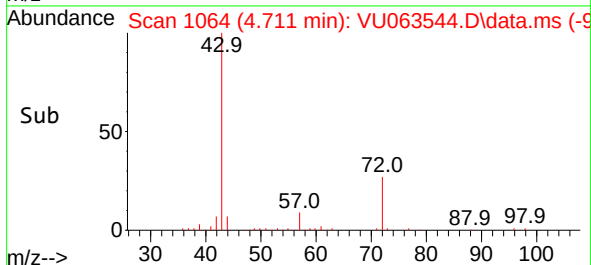
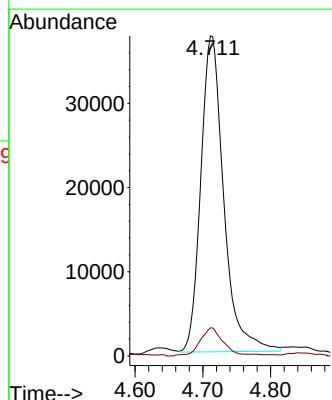
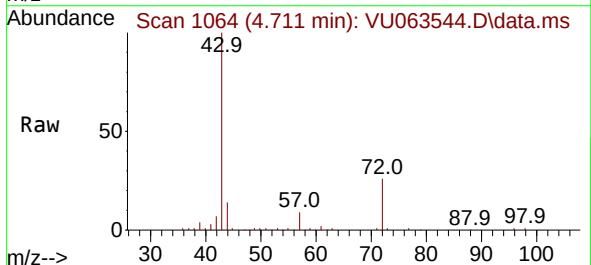
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

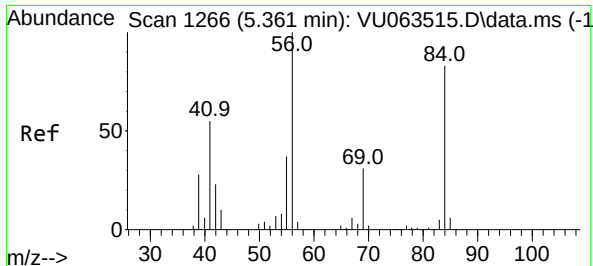
Tgt Ion: 63 Resp: 125142
Ion Ratio Lower Upper
63 100
98 6.4 3.4 10.2
100 3.6 2.1 6.2



#18
2-Butanone
Concen: 64.697 ug/l
RT: 4.711 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

Tgt Ion: 43 Resp: 88319
Ion Ratio Lower Upper
43 100
57 8.6 0.0 16.4





#19

Cyclohexane

Concen: 12.588 ug/l

RT: 5.357 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU063544.D

Acq: 18 Jul 2025 18:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

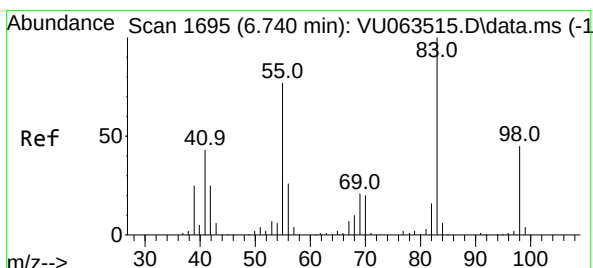
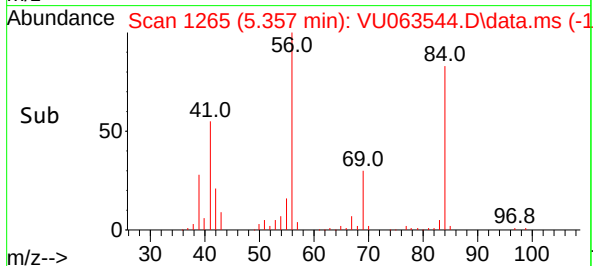
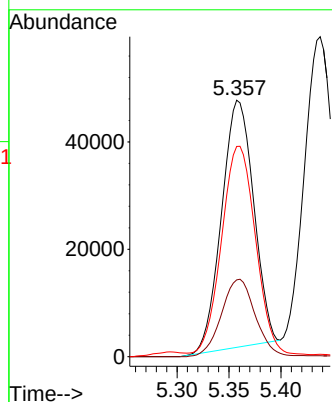
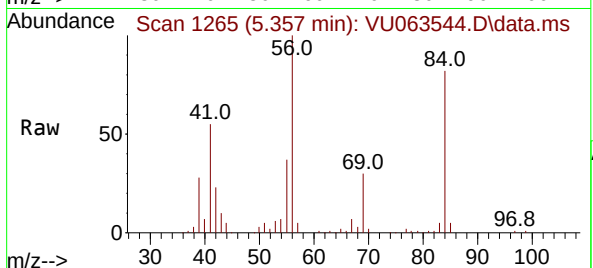
Tgt Ion: 56 Resp: 98695

Ion Ratio Lower Upper

56 100

69 32.7 26.6 39.8

84 88.2 71.0 106.4



#20

Methylcyclohexane

Concen: 10.681 ug/l

RT: 6.743 min Scan# 1696

Delta R.T. 0.003 min

Lab File: VU063544.D

Acq: 18 Jul 2025 18:56

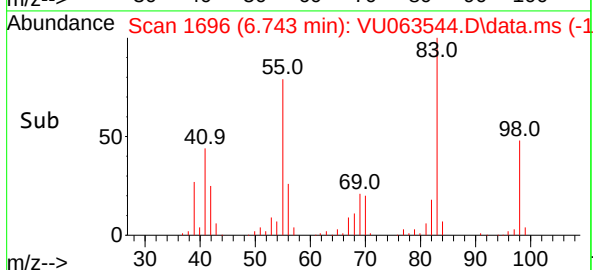
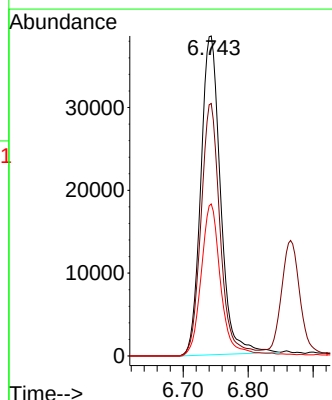
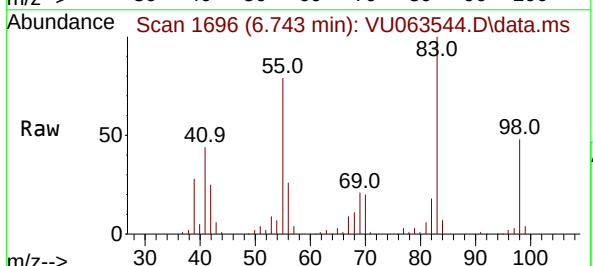
Tgt Ion: 83 Resp: 81396

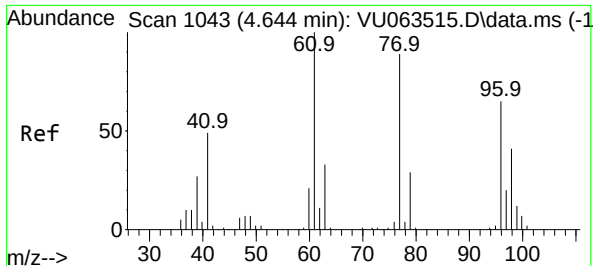
Ion Ratio Lower Upper

83 100

55 74.1 60.6 90.8

98 45.7 35.8 53.8





#21

2,2-Dichloropropane

Concen: 10.490 ug/l

RT: 4.644 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VU063544.D

Acq: 18 Jul 2025 18:56

Instrument :

MSVOA_U

ClientSampleId :

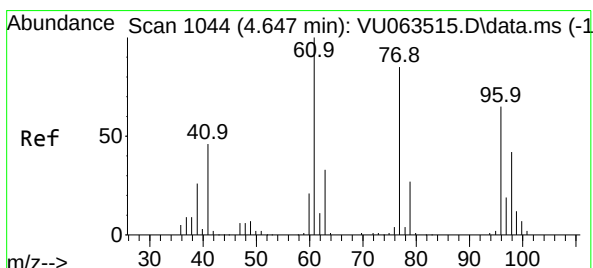
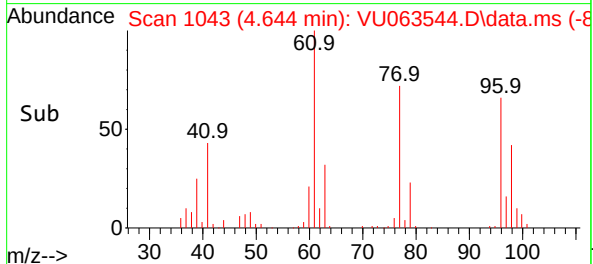
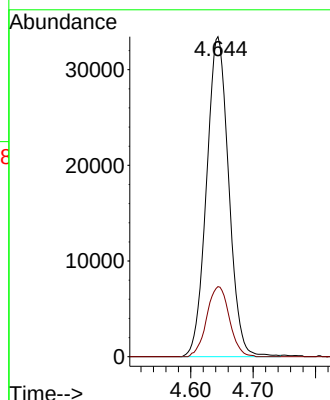
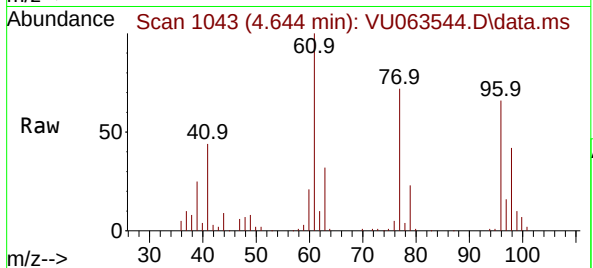
VSTDCCC010EC

Tgt Ion: 77 Resp: 82714

Ion Ratio Lower Upper

77 100

97 22.3 17.8 26.8



#22

cis-1,2-Dichloroethene

Concen: 13.256 ug/l

RT: 4.647 min Scan# 1044

Delta R.T. 0.000 min

Lab File: VU063544.D

Acq: 18 Jul 2025 18:56

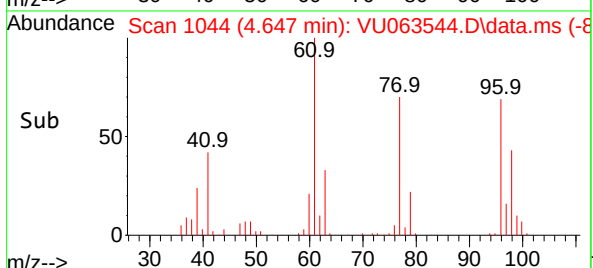
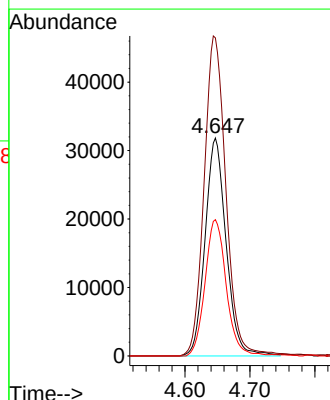
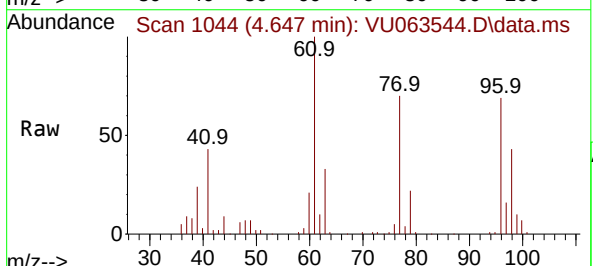
Tgt Ion: 96 Resp: 71865

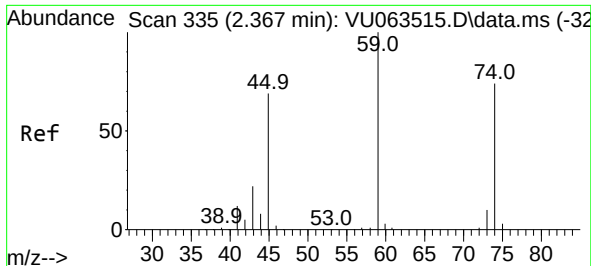
Ion Ratio Lower Upper

96 100

61 152.0 0.0 384.7

98 63.0 32.1 96.3

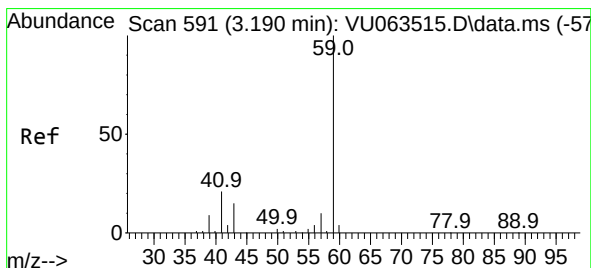
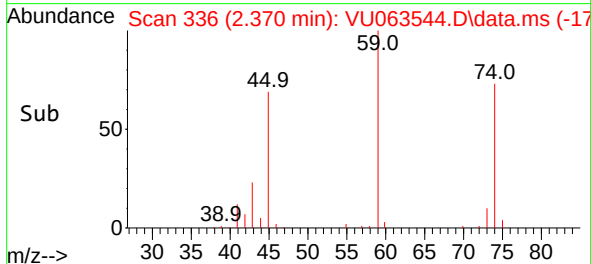
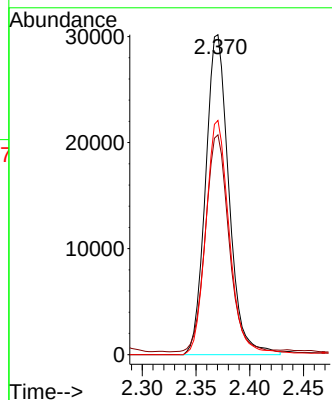
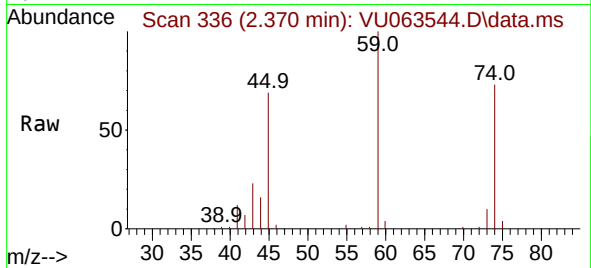




#23
Diethyl Ether
Concen: 13.597 ug/l
RT: 2.370 min Scan# 335
Delta R.T. 0.003 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

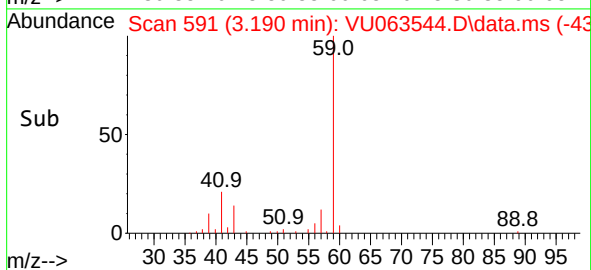
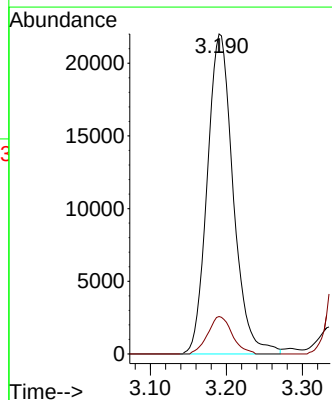
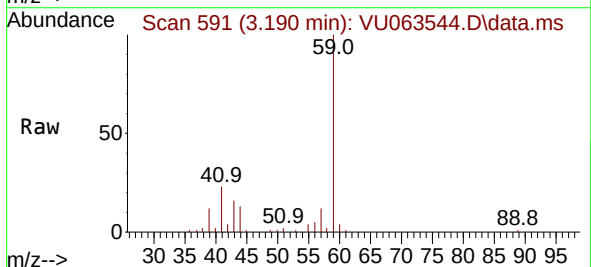
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

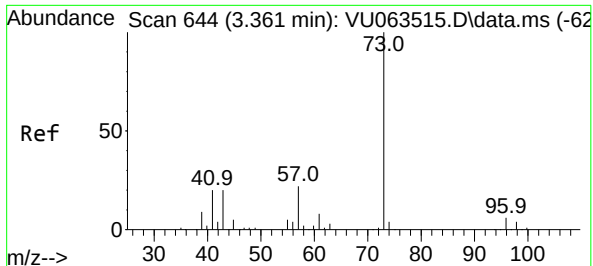
Tgt Ion: 59 Resp: 45578
Ion Ratio Lower Upper
59 100
45 68.0 55.1 82.7
74 74.5 58.2 87.4



#24
tert-Butyl Alcohol
Concen: 128.772 ug/l
RT: 3.190 min Scan# 591
Delta R.T. 0.000 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

Tgt Ion: 59 Resp: 52107
Ion Ratio Lower Upper
59 100
57 11.0 8.6 12.8

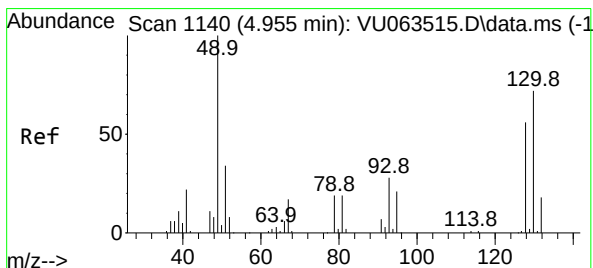
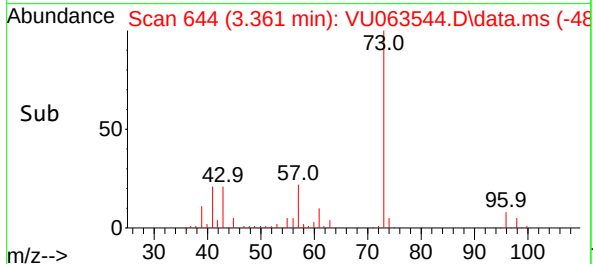
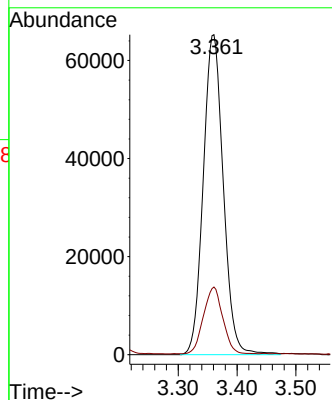
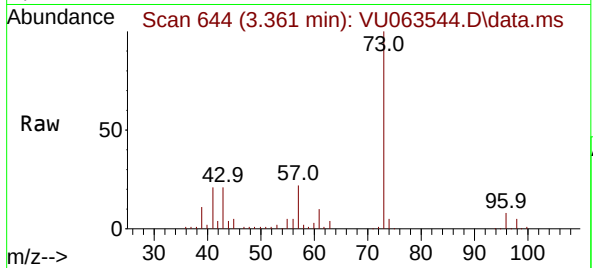




#25
Methyl tert-Butyl Ether
Concen: 13.451 ug/l
RT: 3.361 min Scan# 644
Delta R.T. 0.000 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

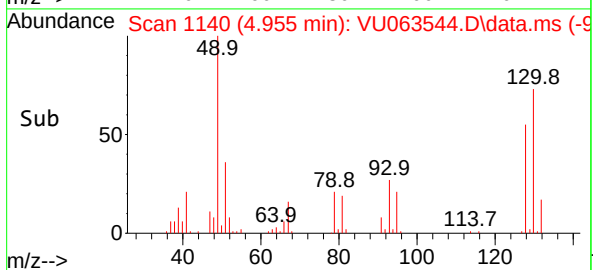
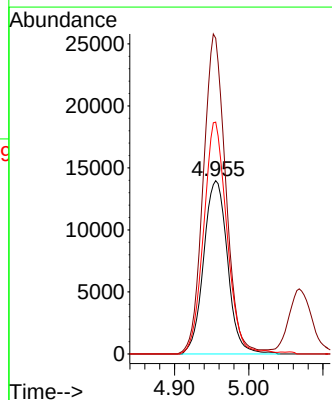
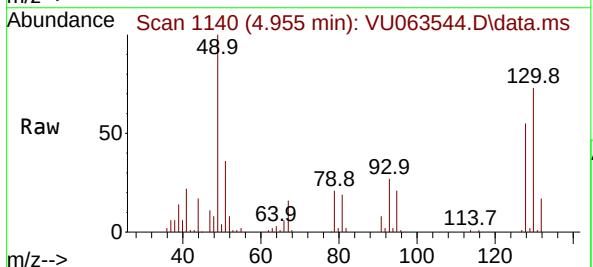
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

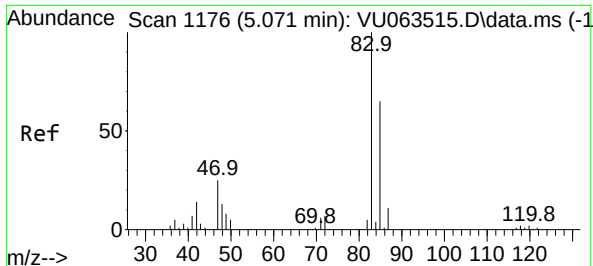
Tgt Ion: 73 Resp: 154471
Ion Ratio Lower Upper
73 100
43 20.0 16.2 24.2



#26
Bromochloromethane
Concen: 13.807 ug/l
RT: 4.955 min Scan# 1140
Delta R.T. 0.000 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

Tgt Ion: 128 Resp: 31253
Ion Ratio Lower Upper
128 100
49 173.2 0.0 340.8
130 129.4 100.5 150.7





#27

Chloroform

Concen: 13.472 ug/l

RT: 5.071 min Scan# 1176

Delta R.T. 0.000 min

Lab File: VU063544.D

Acq: 18 Jul 2025 18:56

Instrument :

MSVOA_U

ClientSampleId :

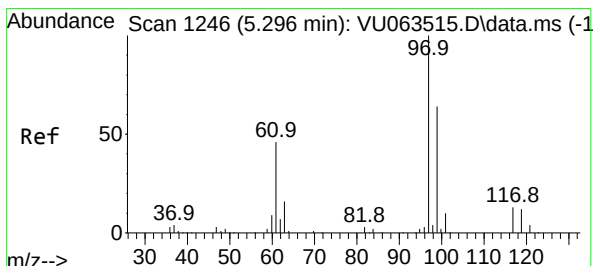
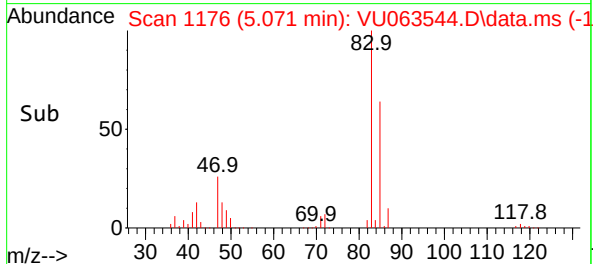
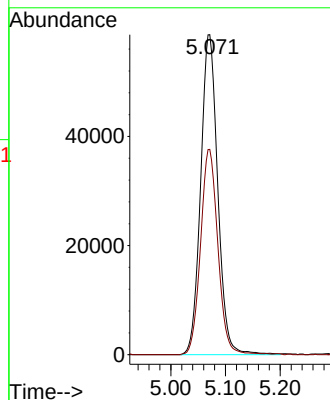
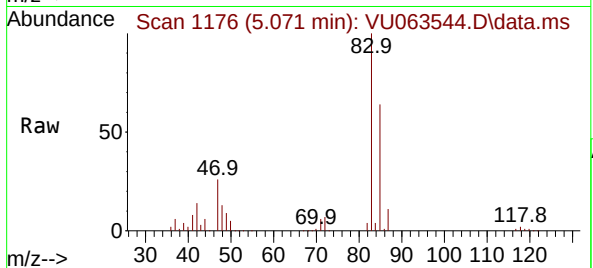
VSTDCCC010EC

Tgt Ion: 83 Resp: 127296

Ion Ratio Lower Upper

83 100

85 64.1 0.0 130.0



#28

1,1,1-Trichloroethane

Concen: 12.812 ug/l

RT: 5.293 min Scan# 1245

Delta R.T. -0.003 min

Lab File: VU063544.D

Acq: 18 Jul 2025 18:56

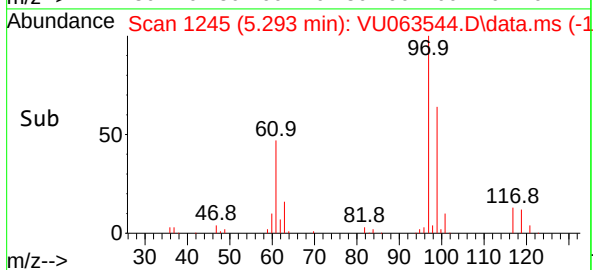
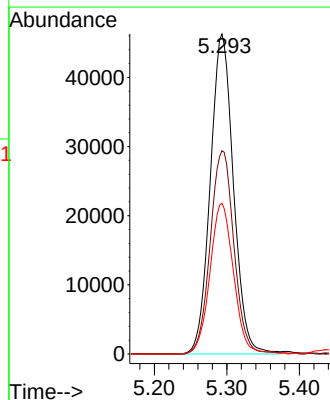
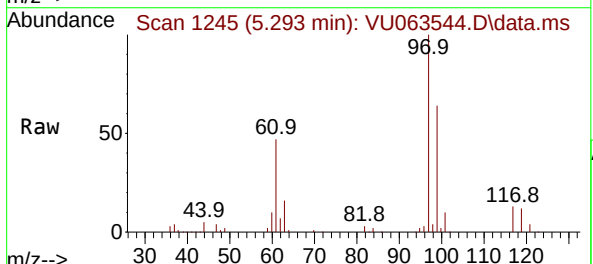
Tgt Ion: 97 Resp: 102746

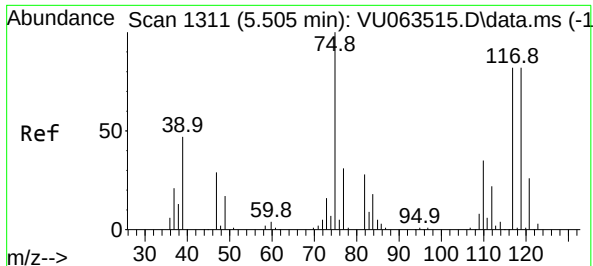
Ion Ratio Lower Upper

97 100

99 65.2 31.8 95.3

61 47.9 23.3 69.9

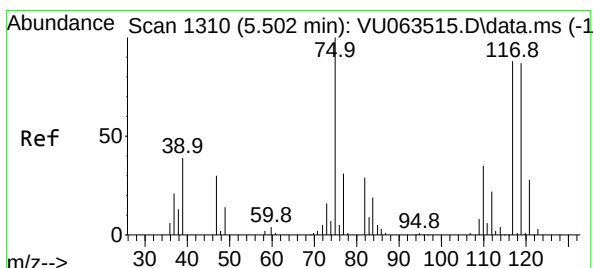
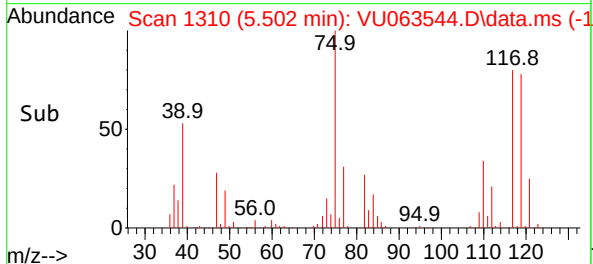
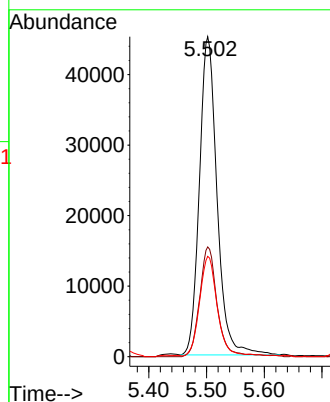
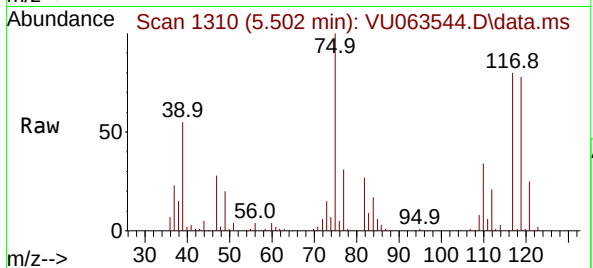




#29
1,1-Dichloropropene
Concen: 12.876 ug/l
RT: 5.502 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

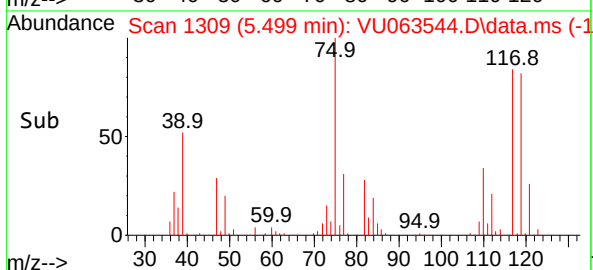
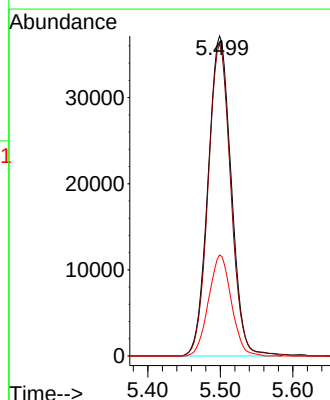
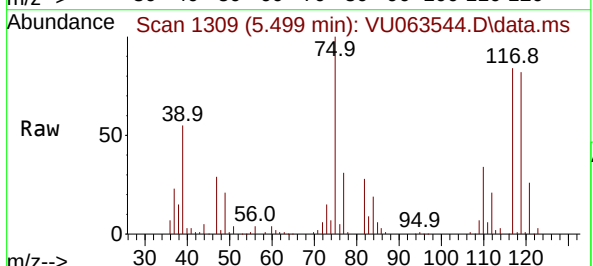
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

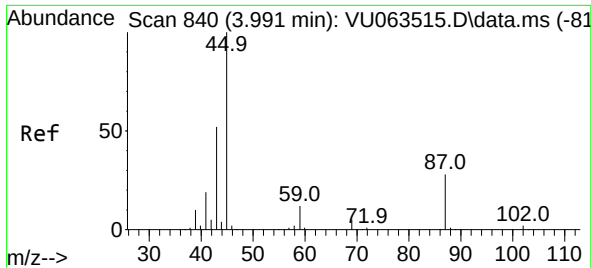
Tgt Ion: 75 Resp: 95659
Ion Ratio Lower Upper
75 100
110 33.9 17.8 53.4
77 30.7 24.6 37.0



#30
Carbon Tetrachloride
Concen: 12.755 ug/l
RT: 5.499 min Scan# 1309
Delta R.T. -0.003 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

Tgt Ion: 117 Resp: 82331
Ion Ratio Lower Upper
117 100
119 97.5 79.2 118.8
121 31.5 25.5 38.3

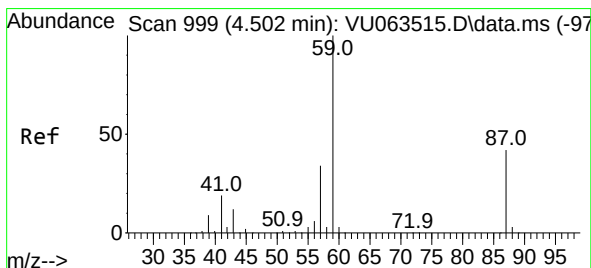
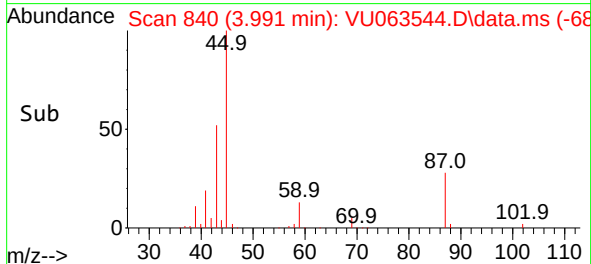
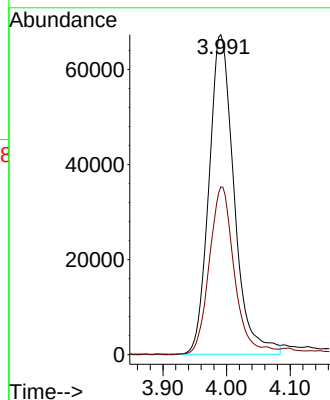
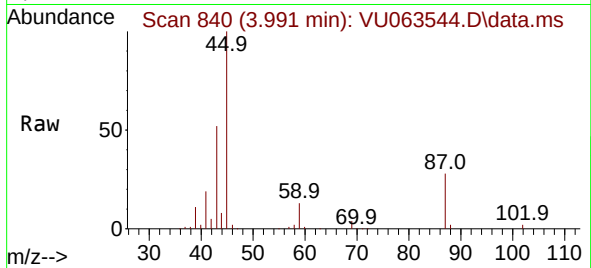




#31
Isopropyl Ether
Concen: 13.193 ug/l
RT: 3.991 min Scan# 840
Delta R.T. 0.000 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

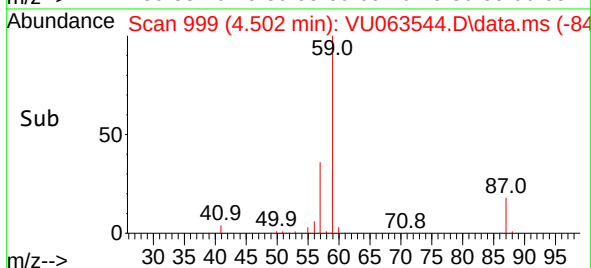
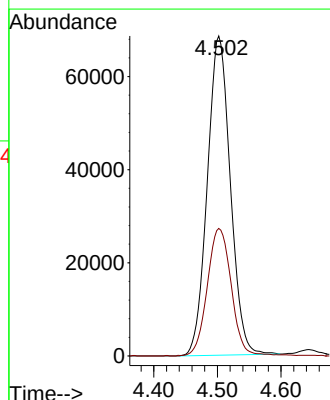
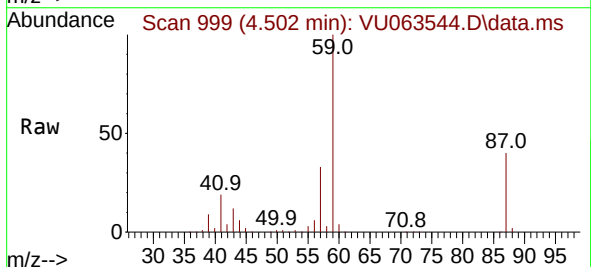
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

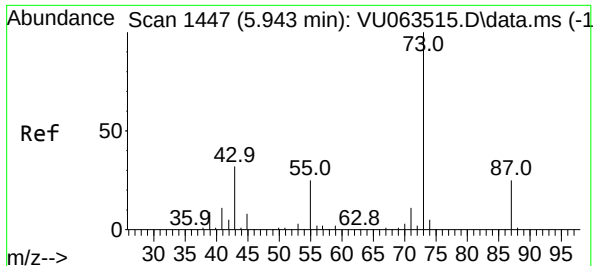
Tgt Ion: 45 Resp: 184409
Ion Ratio Lower Upper
45 100
43 51.6 25.7 77.0



#32
Ethyl-t-butyl ether
Concen: 13.314 ug/l
RT: 4.502 min Scan# 999
Delta R.T. 0.000 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

Tgt Ion: 59 Resp: 172224
Ion Ratio Lower Upper
59 100
87 41.5 32.6 49.0

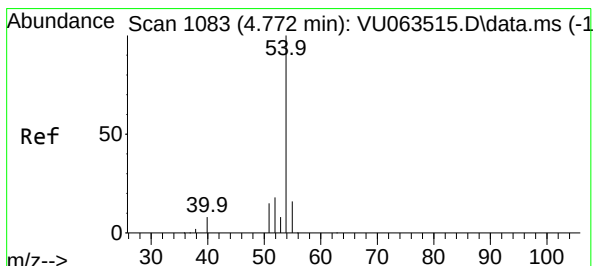
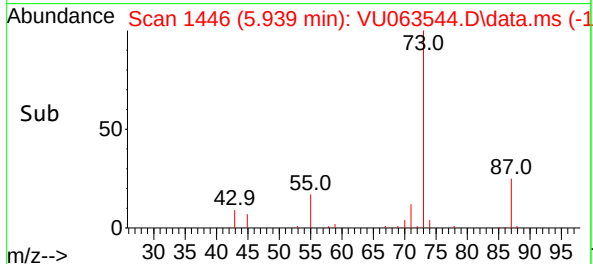
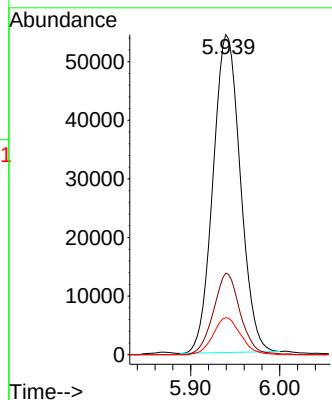
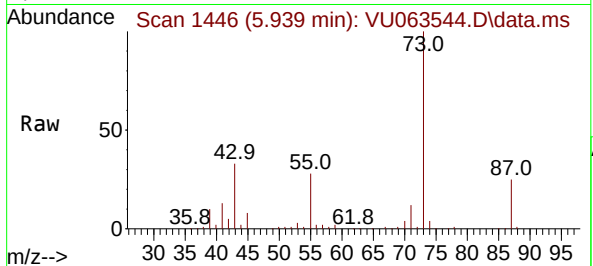




#33
Tert-Amyl methyl ether
Concen: 10.275 ug/l
RT: 5.939 min Scan# 1446
Delta R.T. -0.003 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

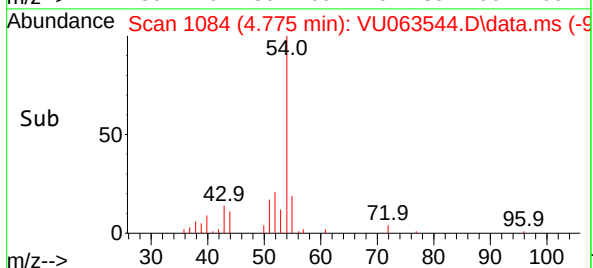
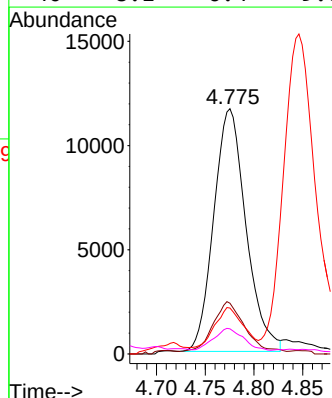
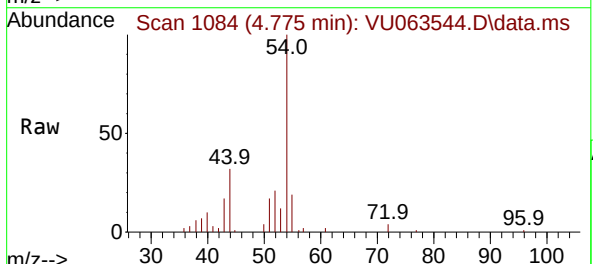
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

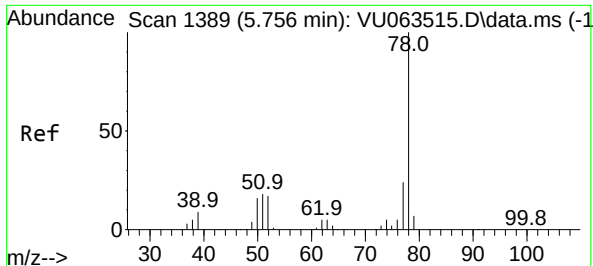
Tgt Ion: 73 Resp: 115354
Ion Ratio Lower Upper
73 100
87 25.2 19.4 29.2
71 11.8 8.9 13.3



#34
Propionitrile
Concen: 64.554 ug/l
RT: 4.775 min Scan# 1084
Delta R.T. 0.003 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

Tgt Ion: 54 Resp: 26850
Ion Ratio Lower Upper
54 100
52 22.3 17.0 25.4
55 16.9 13.6 20.4
40 8.1 6.4 9.6

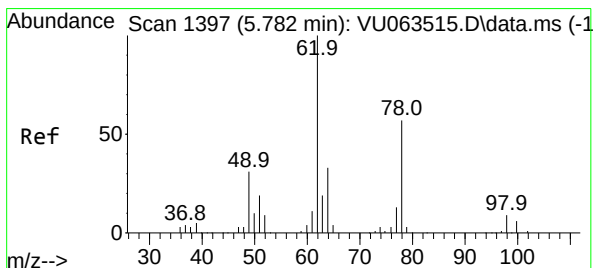
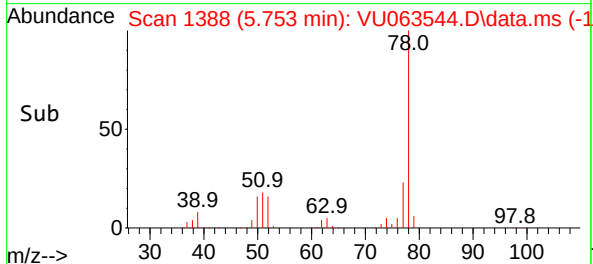
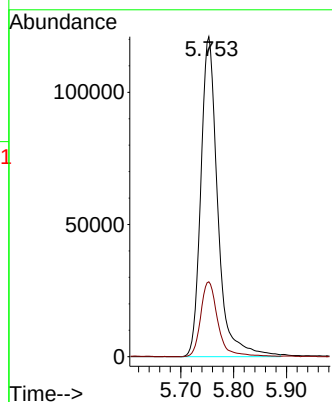
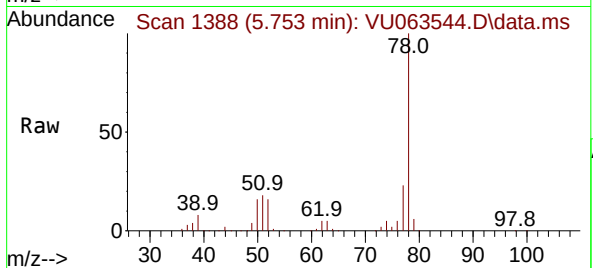




#35
Benzene
Concen: 13.492 ug/l
RT: 5.753 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

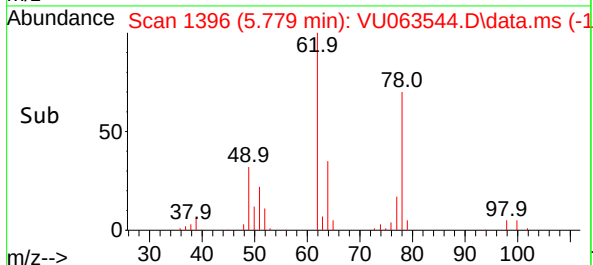
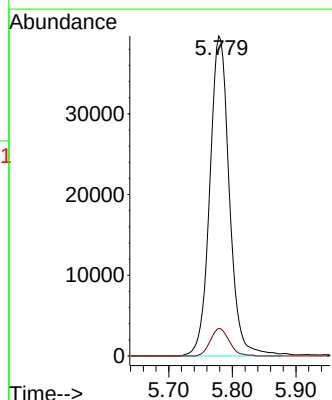
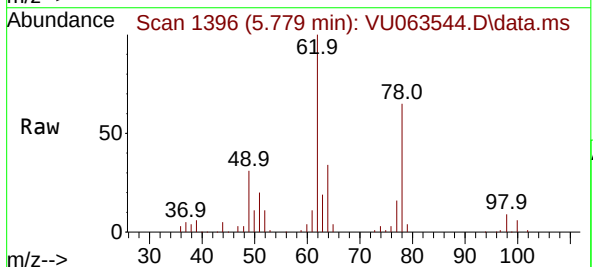
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

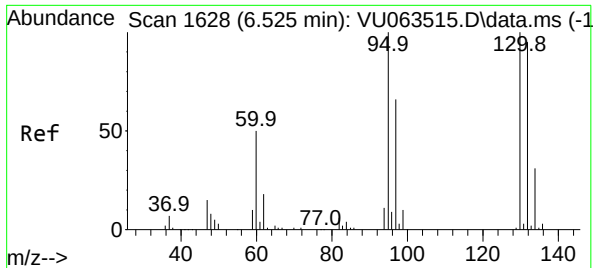
Tgt Ion: 78 Resp: 269322
Ion Ratio Lower Upper
78 100
77 23.4 19.4 29.2



#36
1,2-Dichloroethane
Concen: 13.669 ug/l
RT: 5.779 min Scan# 1396
Delta R.T. -0.003 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

Tgt Ion: 62 Resp: 84780
Ion Ratio Lower Upper
62 100
98 8.3 6.4 9.6





#37

Trichloroethene

Concen: 10.869 ug/l

RT: 6.525 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU063544.D

Acq: 18 Jul 2025 18:56

Instrument :

MSVOA_U

ClientSampleId :

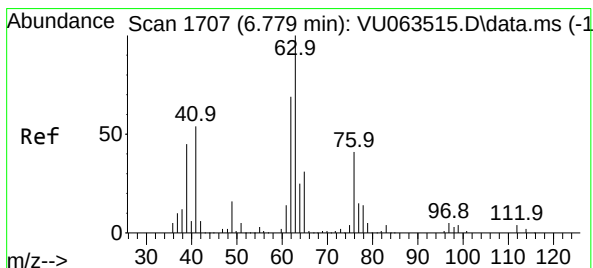
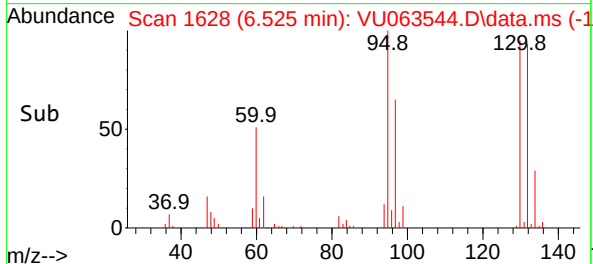
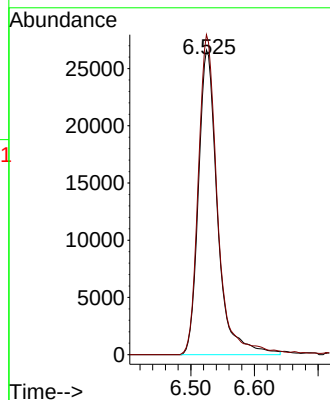
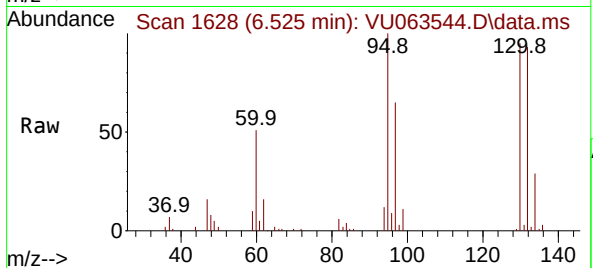
VSTDCCC010EC

Tgt Ion:130 Resp: 55354

Ion Ratio Lower Upper

130 100

95 105.0 80.3 120.5



#38

1,2-Dichloropropane

Concen: 12.324 ug/l

RT: 6.779 min Scan# 1707

Delta R.T. 0.000 min

Lab File: VU063544.D

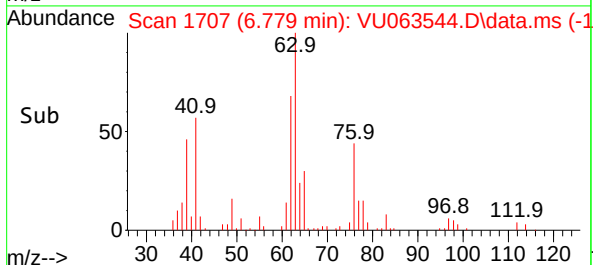
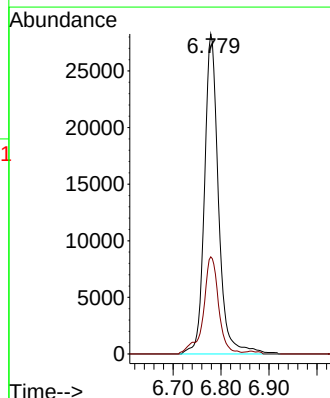
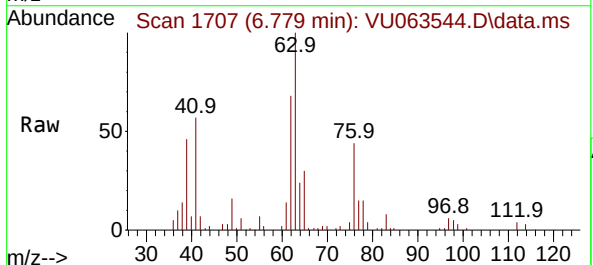
Acq: 18 Jul 2025 18:56

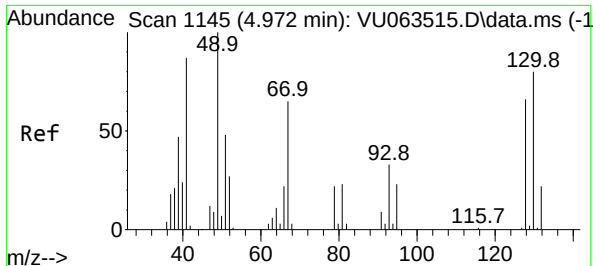
Tgt Ion: 63 Resp: 57574

Ion Ratio Lower Upper

63 100

65 30.4 24.6 36.8





#39

Methacrylonitrile

Concen: 12.993 ug/l

RT: 4.968 min Scan# 1144

Delta R.T. -0.003 min

Lab File: VU063544.D

Acq: 18 Jul 2025 18:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 41 Resp: 24023

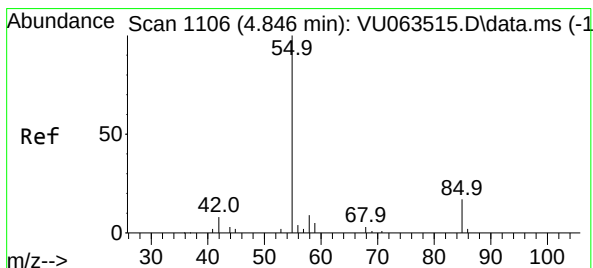
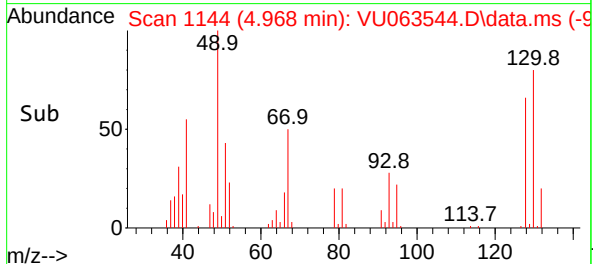
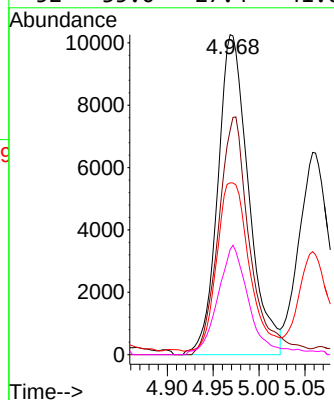
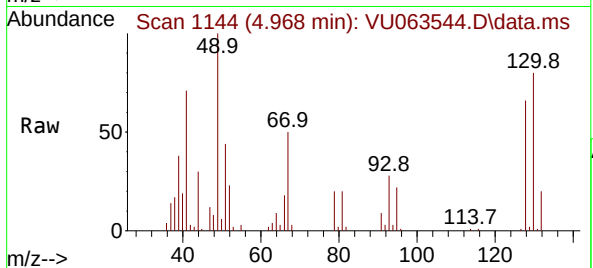
Ion Ratio Lower Upper

41 100

67 75.5 62.7 94.1

39 55.2 43.1 64.7

52 35.0 27.4 41.0



#40

Methyl acrylate

Concen: 13.534 ug/l

RT: 4.846 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VU063544.D

Acq: 18 Jul 2025 18:56

Tgt Ion: 55 Resp: 36577

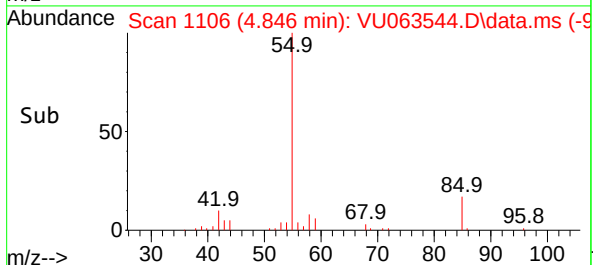
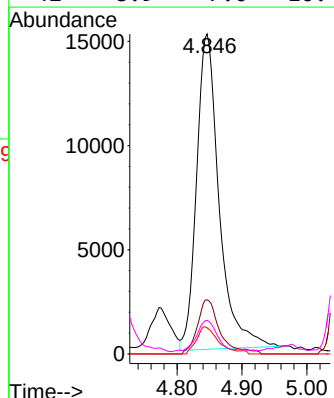
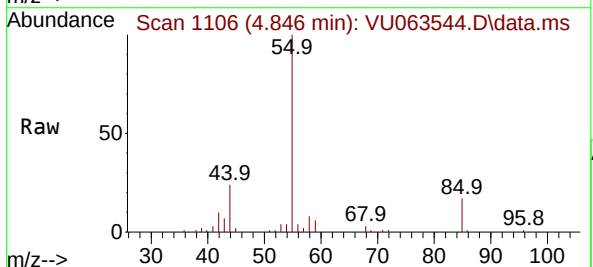
Ion Ratio Lower Upper

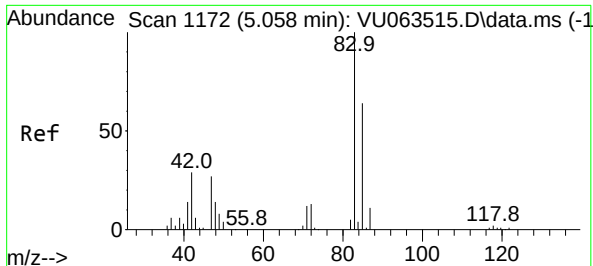
55 100

85 17.0 12.8 19.2

58 8.1 7.0 10.4

42 8.9 7.0 10.4





#41

Tetrahydrofuran

Concen: 24.943 ug/l

RT: 5.062 min Scan# 1172

Delta R.T. 0.003 min

Lab File: VU063544.D

Acq: 18 Jul 2025 18:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

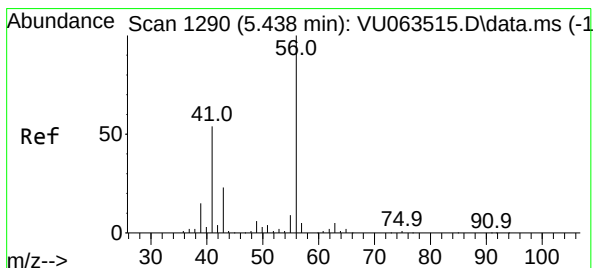
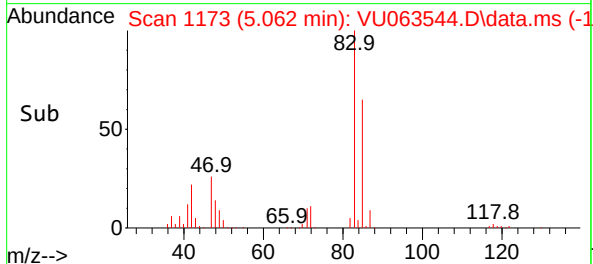
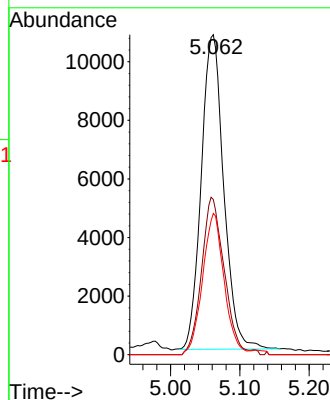
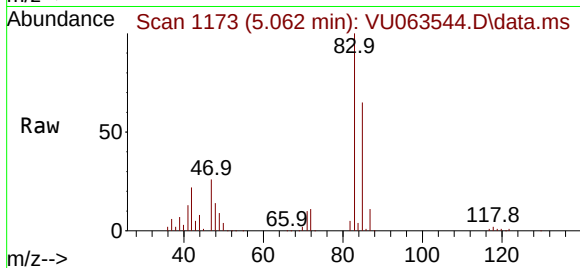
Tgt Ion: 42 Resp: 24259

Ion Ratio Lower Upper

42 100

72 49.9 39.2 58.8

71 42.9 34.8 52.2



#42

1-Chlorobutane

Concen: 13.033 ug/l

RT: 5.438 min Scan# 1290

Delta R.T. 0.000 min

Lab File: VU063544.D

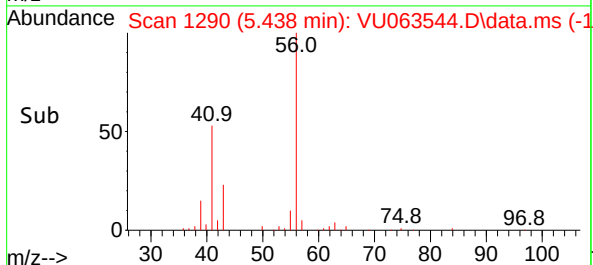
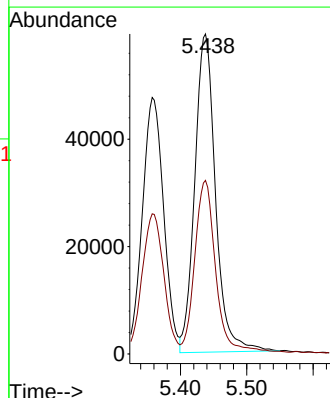
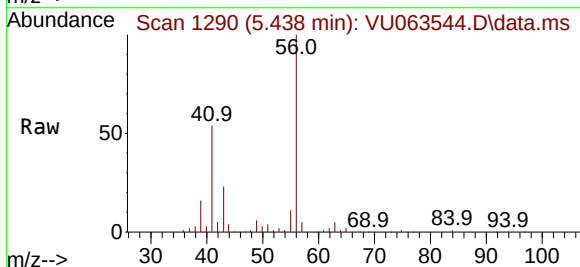
Acq: 18 Jul 2025 18:56

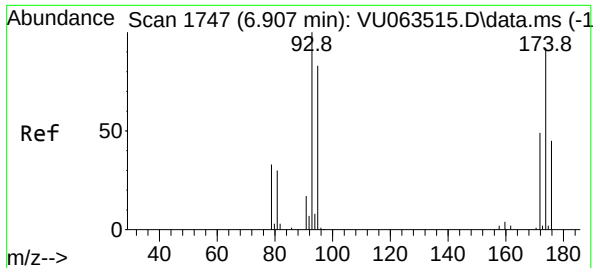
Tgt Ion: 56 Resp: 128731

Ion Ratio Lower Upper

56 100

41 53.3 26.7 80.0

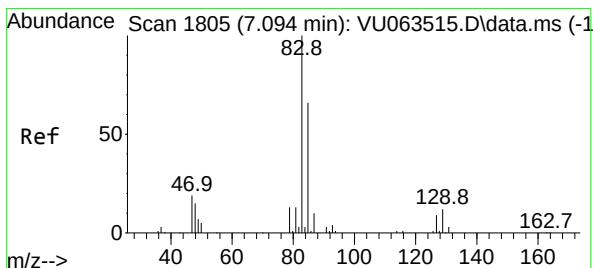
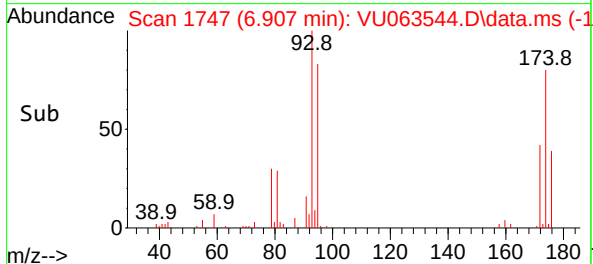
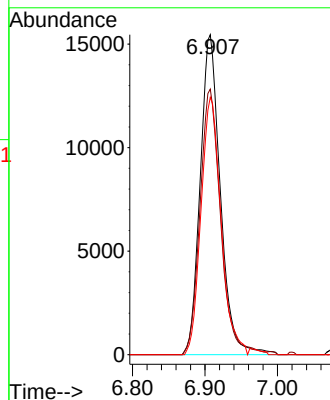
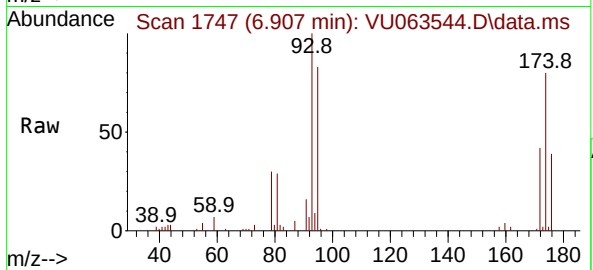




#43
Dibromomethane
Concen: 12.332 ug/l
RT: 6.907 min Scan# 1747
Delta R.T. 0.000 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

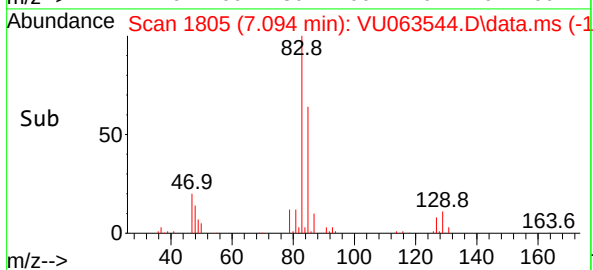
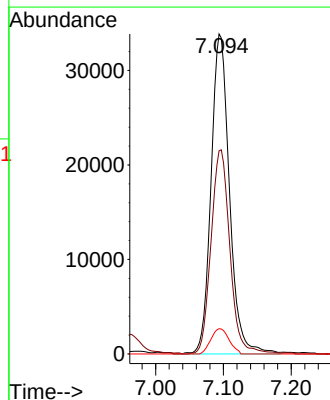
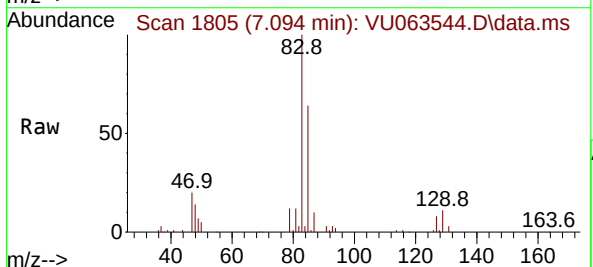
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

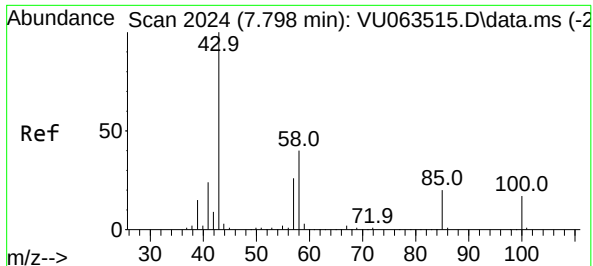
Tgt Ion: 93 Resp: 29845
Ion Ratio Lower Upper
93 100
95 84.9 67.9 101.9
174 80.1 74.6 111.8



#44
Bromodichloromethane
Concen: 11.704 ug/l
RT: 7.094 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

Tgt Ion: 83 Resp: 63878
Ion Ratio Lower Upper
83 100
85 63.2 52.7 79.1
127 8.7 8.1 12.1





#45

4-Methyl-2-Pentanone

Concen: 65.803 ug/l

RT: 7.795 min Scan# 2024

Delta R.T. -0.003 min

Lab File: VU063544.D

Acq: 18 Jul 2025 18:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

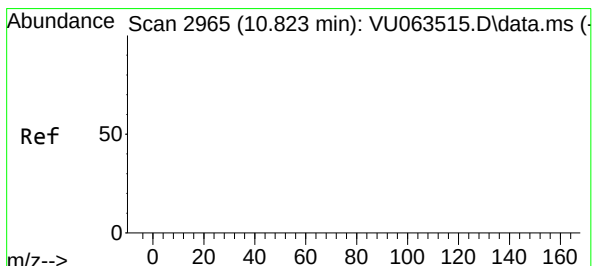
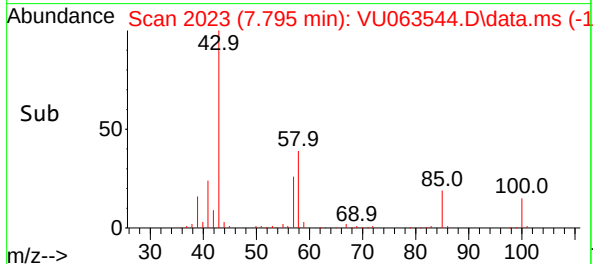
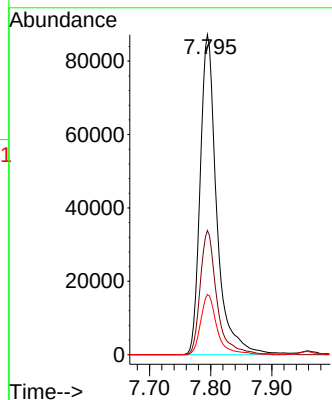
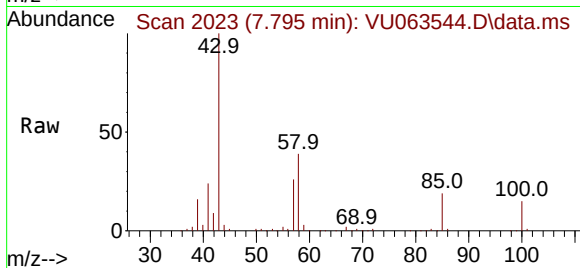
Tgt Ion: 43 Resp: 164133

Ion Ratio Lower Upper

43 100

58 39.0 20.0 60.0

85 18.6 15.4 23.0



#46

t-1,4-Dichloro-2-butene

Concen: 56.073 ug/l

RT: 10.814 min Scan# 2962

Delta R.T. -0.010 min

Lab File: VU063544.D

Acq: 18 Jul 2025 18:56

Tgt Ion: 75 Resp: 52503

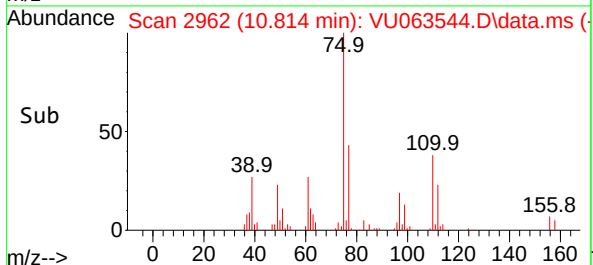
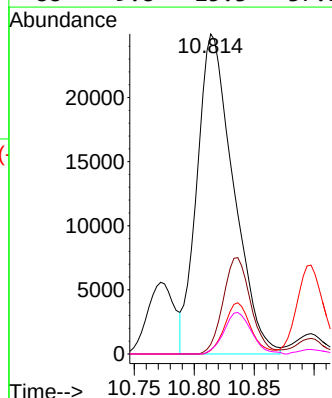
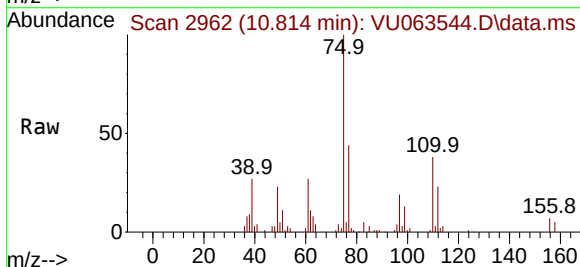
Ion Ratio Lower Upper

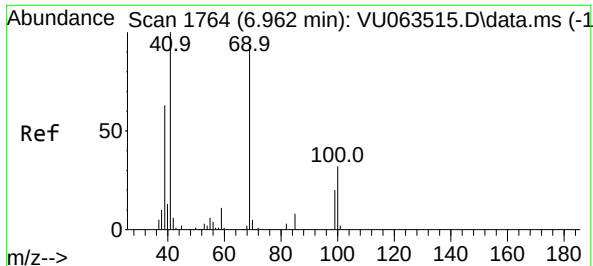
75 100

53 23.0 48.4 72.6#

89 11.6 30.6 45.8#

88 9.8 25.3 37.9#





#47

Methyl methacrylate

Concen: 24.746 ug/l

RT: 6.962 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU063544.D

Acq: 18 Jul 2025 18:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 69 Resp: 50298

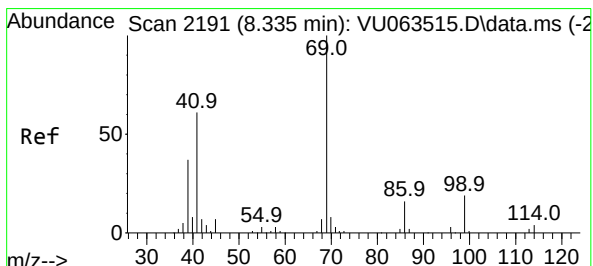
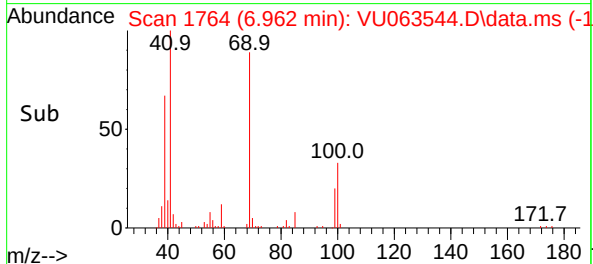
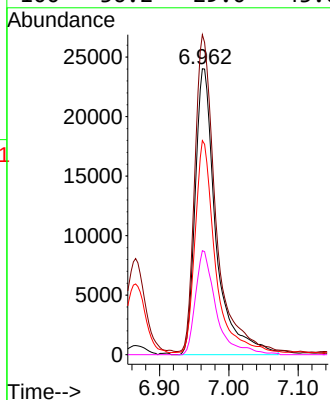
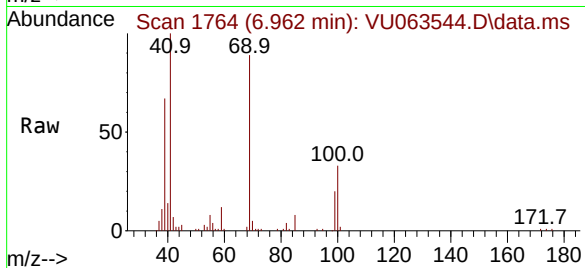
Ion Ratio Lower Upper

69 100

41 112.2 0.0 224.0

39 71.5 55.3 82.9

100 36.2 29.0 43.6



#48

Ethyl methacrylate

Concen: 13.085 ug/l

RT: 8.332 min Scan# 2190

Delta R.T. -0.003 min

Lab File: VU063544.D

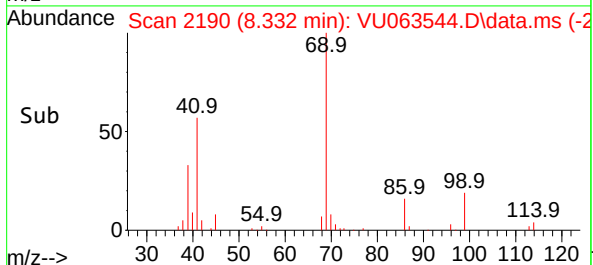
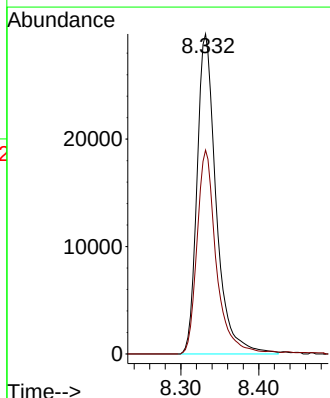
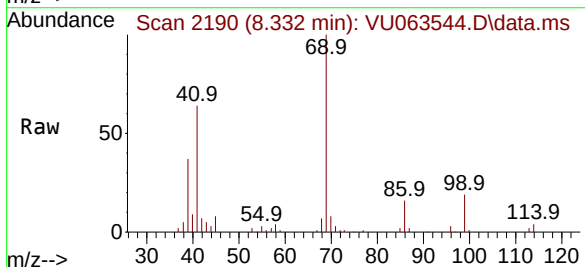
Acq: 18 Jul 2025 18:56

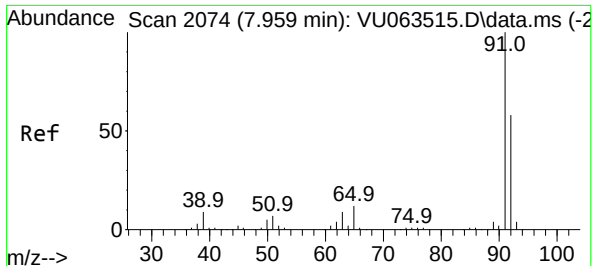
Tgt Ion: 69 Resp: 50754

Ion Ratio Lower Upper

69 100

41 63.8 30.8 92.4

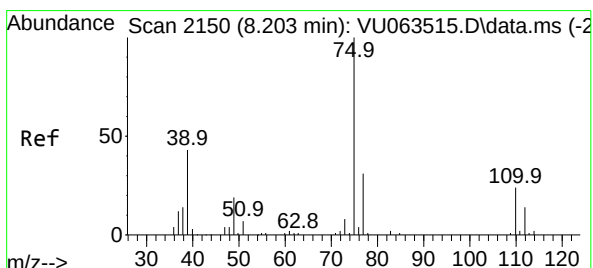
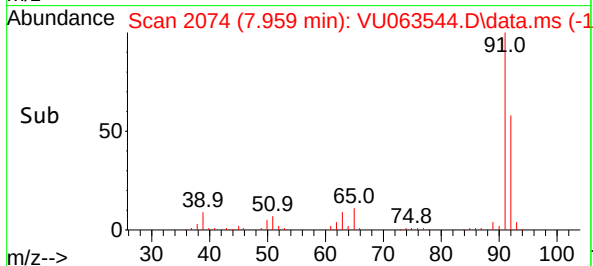
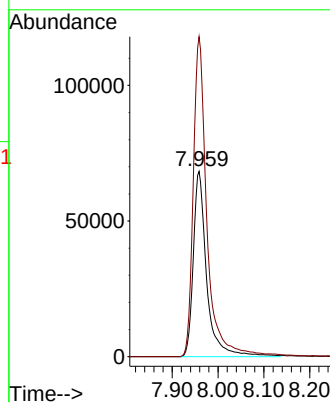
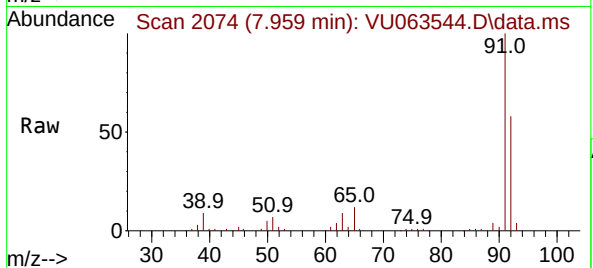




#49
Toluene
Concen: 12.767 ug/l
RT: 7.959 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

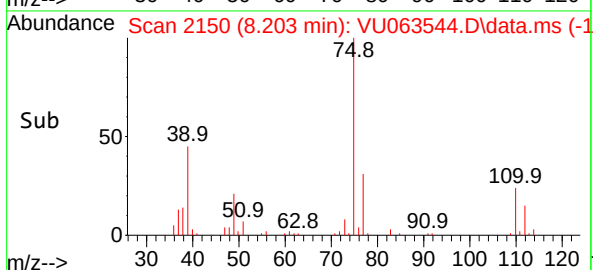
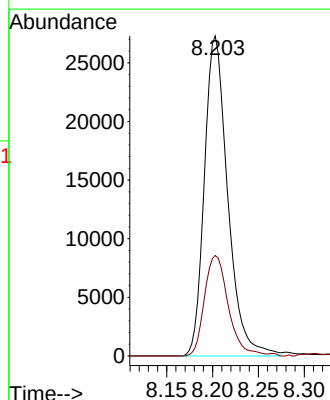
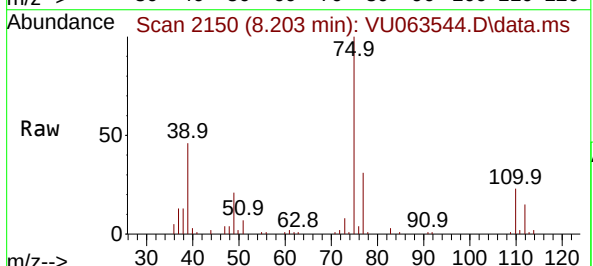
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

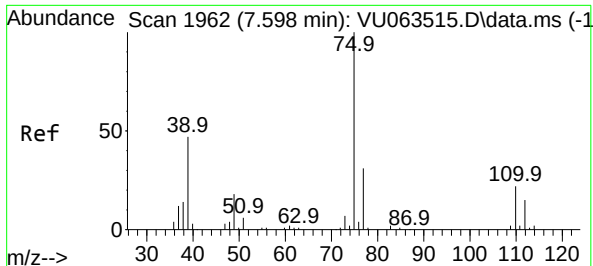
Tgt Ion: 92 Resp: 139138
Ion Ratio Lower Upper
92 100
91 174.3 140.4 210.6



#50
t-1,3-Dichloropropene
Concen: 11.315 ug/l
RT: 8.203 min Scan# 2150
Delta R.T. 0.000 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

Tgt Ion: 75 Resp: 48452
Ion Ratio Lower Upper
75 100
77 31.4 24.9 37.3

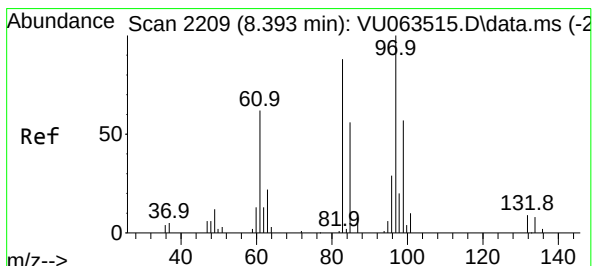
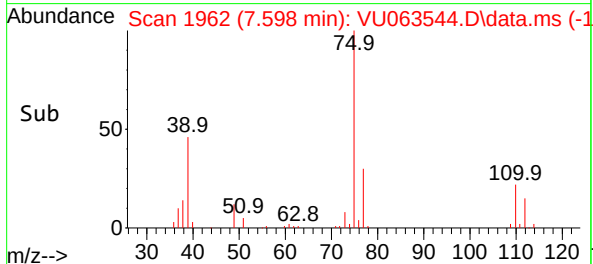
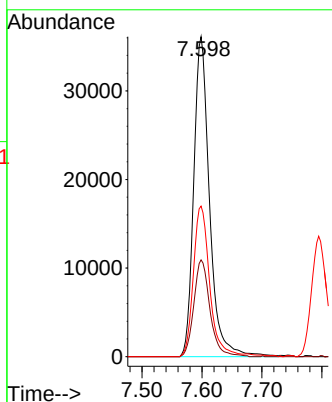
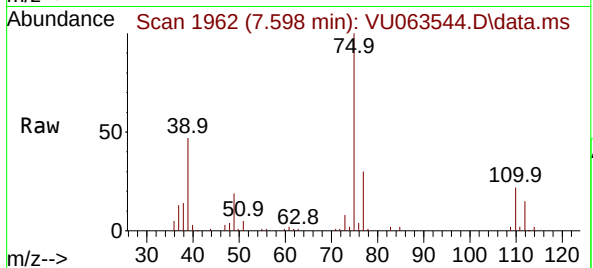




#51
 cis-1,3-Dichloropropene
 Concen: 11.536 ug/l
 RT: 7.598 min Scan# 1962
 Delta R.T. 0.000 min
 Lab File: VU063544.D
 Acq: 18 Jul 2025 18:56

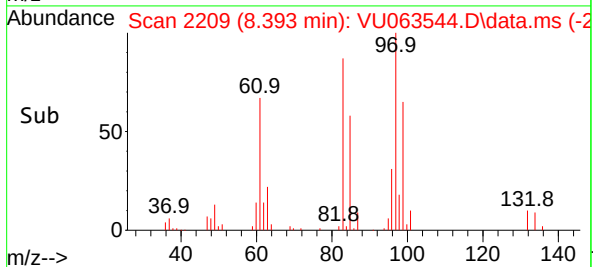
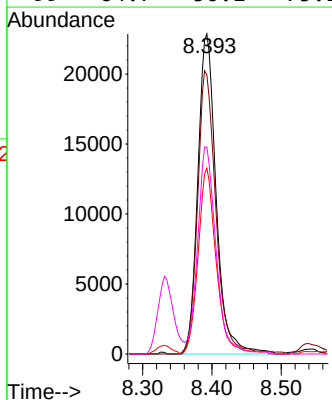
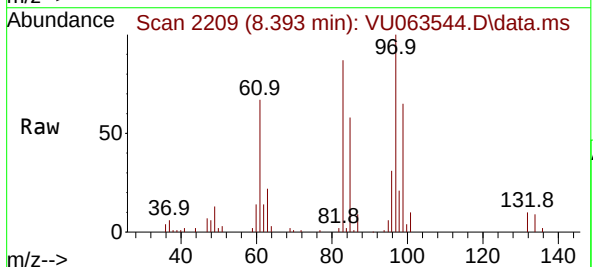
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

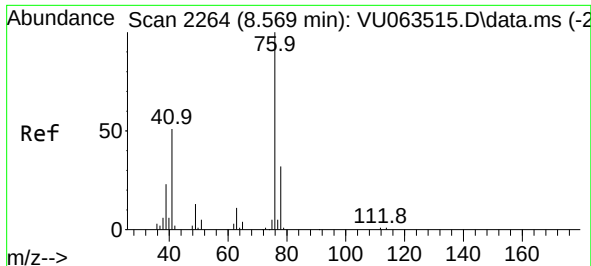
Tgt Ion:	75	Resp:	66305
Ion Ratio	Lower	Upper	
75	100		
77	30.3	25.1	37.7
39	47.0	37.8	56.6



#52
 1,1,2-Trichloroethane
 Concen: 12.950 ug/l
 RT: 8.393 min Scan# 2209
 Delta R.T. 0.000 min
 Lab File: VU063544.D
 Acq: 18 Jul 2025 18:56

Tgt Ion:	97	Resp:	42195
Ion Ratio	Lower	Upper	
97	100		
83	87.3	70.2	105.2
85	58.1	45.2	67.8
99	64.7	50.1	75.1





#53

1,3-Dichloropropane

Concen: 13.013 ug/l

RT: 8.566 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU063544.D

Acq: 18 Jul 2025 18:56

Instrument :

MSVOA_U

ClientSampleId :

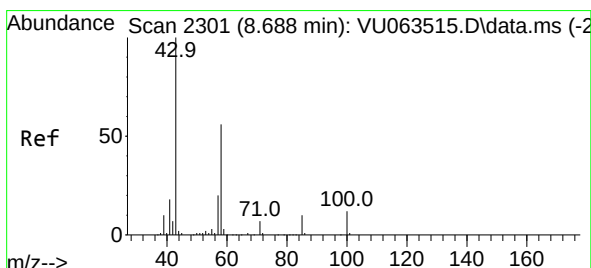
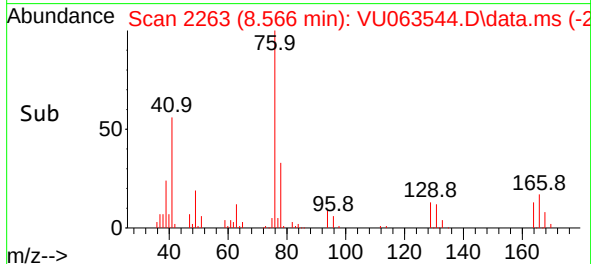
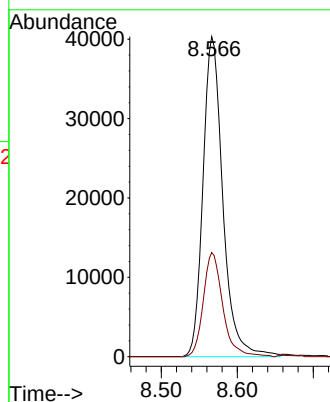
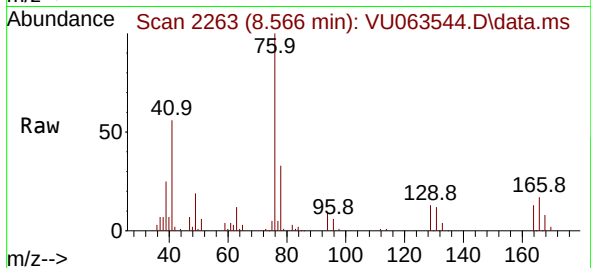
VSTDCCC010EC

Tgt Ion: 76 Resp: 73196

Ion Ratio Lower Upper

76 100

78 31.9 26.0 39.0



#54

2-Hexanone

Concen: 66.656 ug/l

RT: 8.685 min Scan# 2300

Delta R.T. -0.003 min

Lab File: VU063544.D

Acq: 18 Jul 2025 18:56

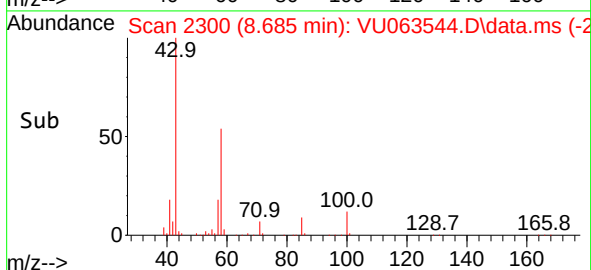
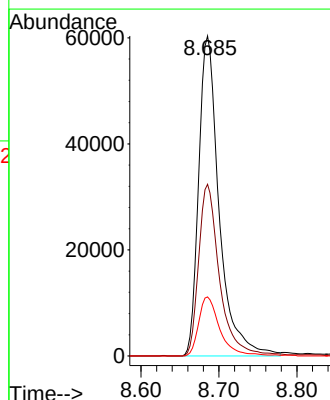
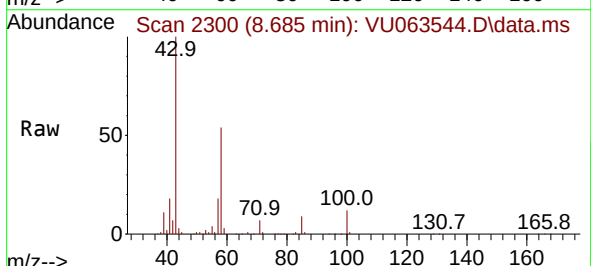
Tgt Ion: 43 Resp: 110434

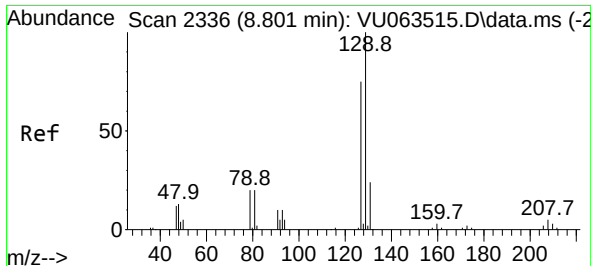
Ion Ratio Lower Upper

43 100

58 54.6 34.8 74.8

57 19.0 0.0 39.5

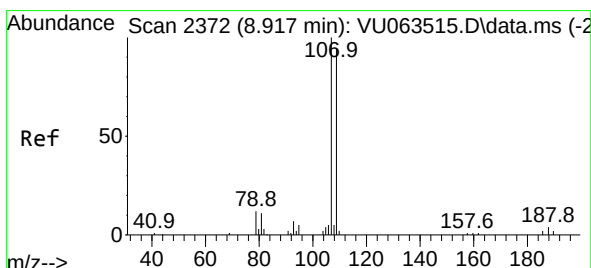
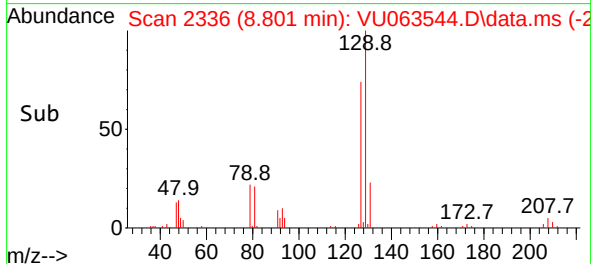
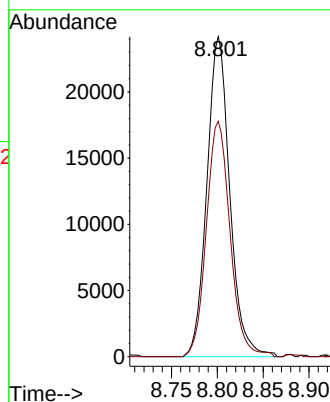
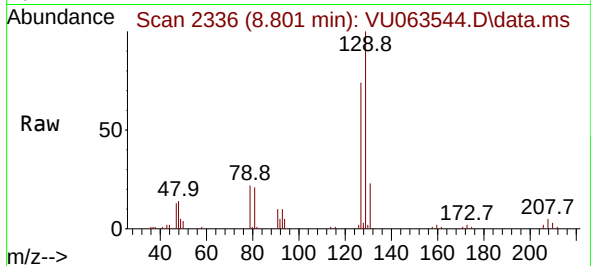




#55
Dibromochloromethane
Concen: 12.206 ug/l
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

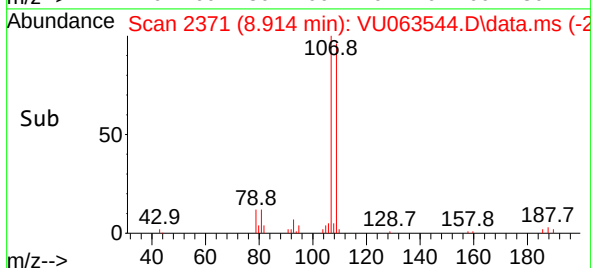
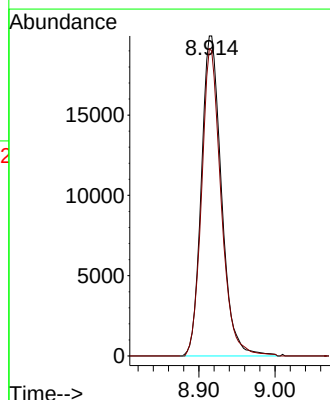
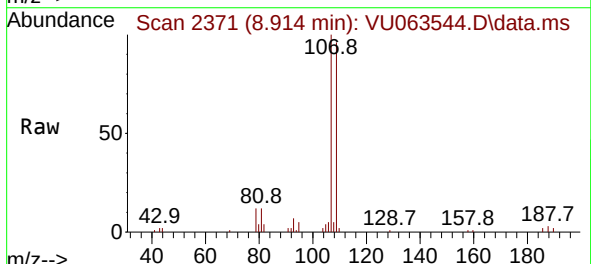
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

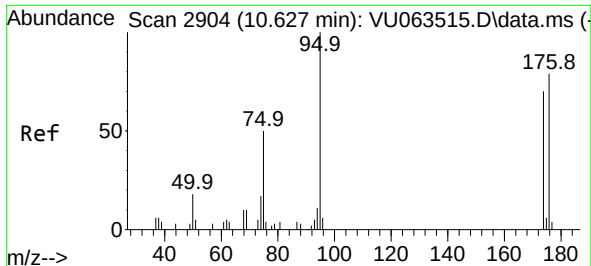
Tgt Ion:129 Resp: 42027
Ion Ratio Lower Upper
129 100
127 76.0 60.1 90.1



#56
1,2-Dibromoethane
Concen: 12.568 ug/l
RT: 8.914 min Scan# 2371
Delta R.T. -0.003 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

Tgt Ion:107 Resp: 36648
Ion Ratio Lower Upper
107 100
109 93.3 0.0 186.4





#57

4-Bromofluorobenzene

Concen: 1.230 ug/l

RT: 10.627 min Scan# 2904

Delta R.T. 0.000 min

Lab File: VU063544.D

Acq: 18 Jul 2025 18:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

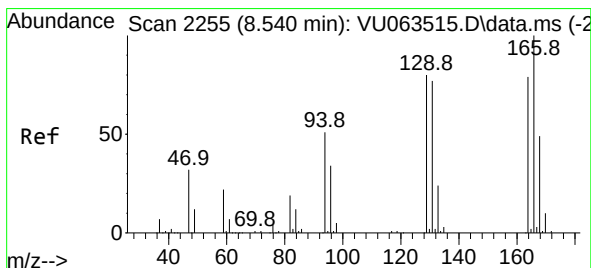
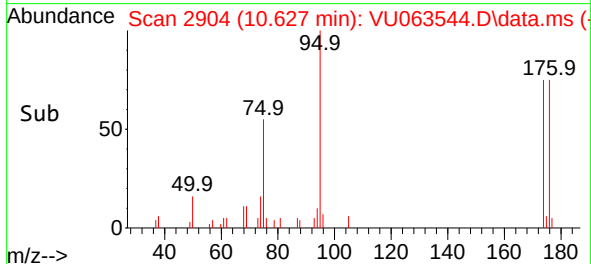
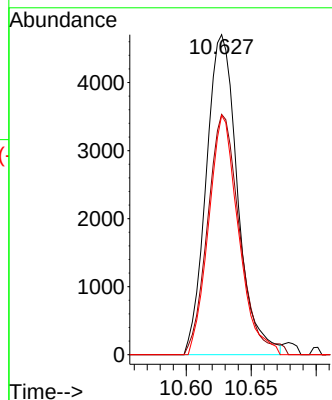
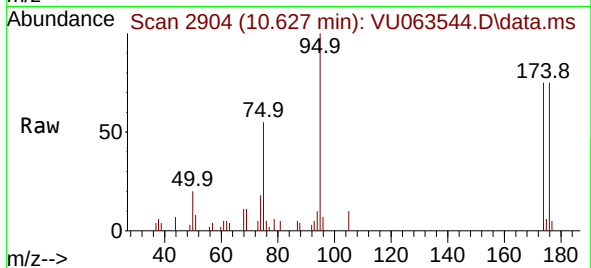
Tgt Ion: 95 Resp: 7893

Ion Ratio Lower Upper

95 100

174 76.6 59.8 89.8

176 71.1 61.8 92.8



#58

Tetrachloroethene

Concen: 11.547 ug/l

RT: 8.541 min Scan# 2255

Delta R.T. 0.000 min

Lab File: VU063544.D

Acq: 18 Jul 2025 18:56

Tgt Ion: 164 Resp: 53824

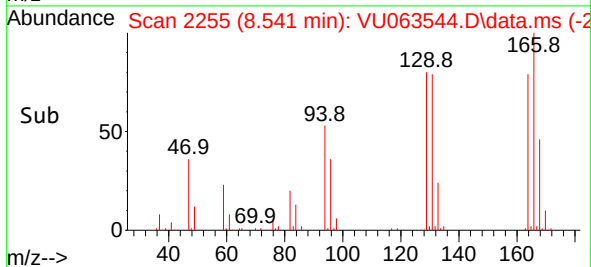
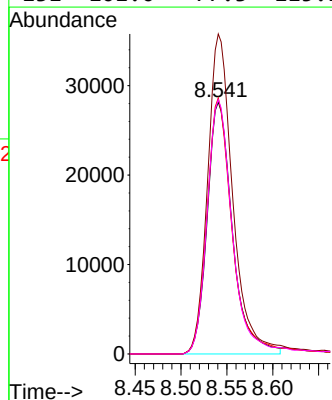
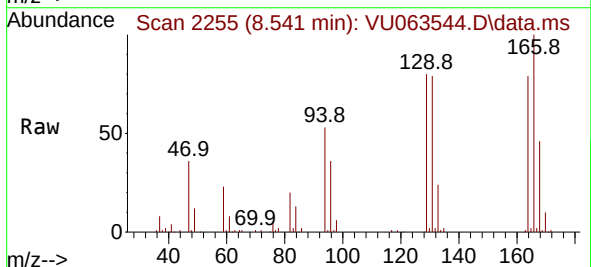
Ion Ratio Lower Upper

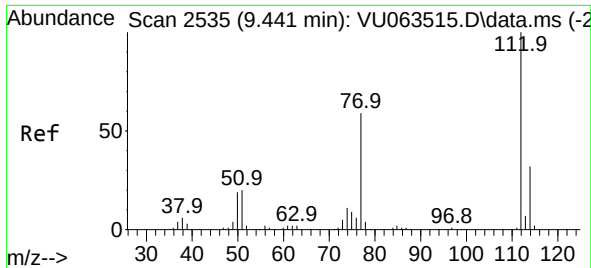
164 100

166 127.1 100.7 151.1

129 101.6 80.6 120.8

131 101.0 77.3 115.9





#59

Chlorobenzene

Concen: 12.620 ug/l

RT: 9.438 min Scan# 2

Delta R.T. -0.003 min

Lab File: VU063544.D

Acq: 18 Jul 2025 18:56

Instrument :

MSVOA_U

ClientSampleId :

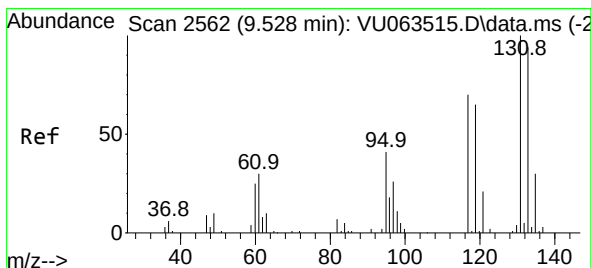
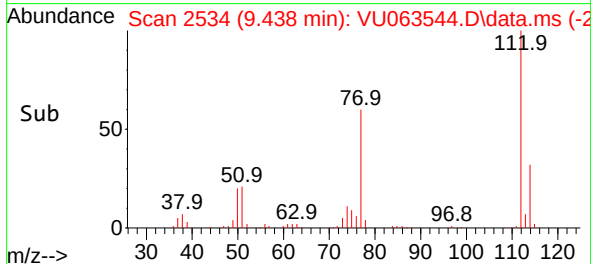
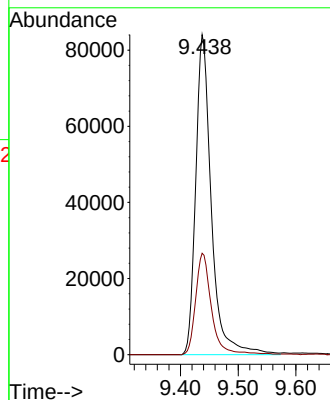
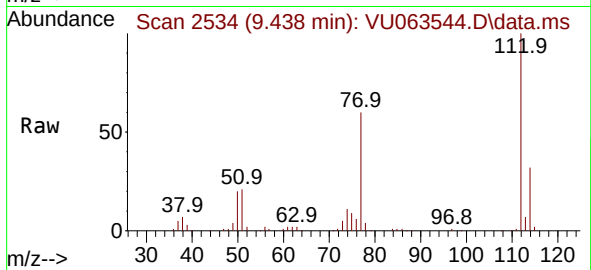
VSTDCCC010EC

Tgt Ion:112 Resp: 157970

Ion Ratio Lower Upper

112 100

114 31.7 25.4 38.2



#60

1,1,1,2-Tetrachloroethane

Concen: 11.922 ug/l

RT: 9.524 min Scan# 2561

Delta R.T. -0.003 min

Lab File: VU063544.D

Acq: 18 Jul 2025 18:56

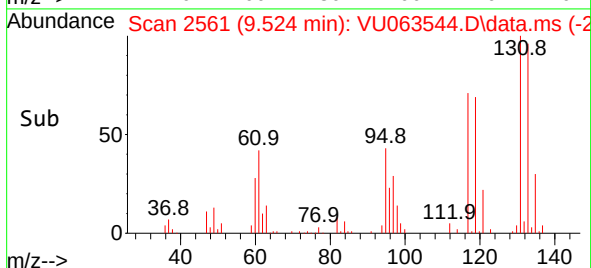
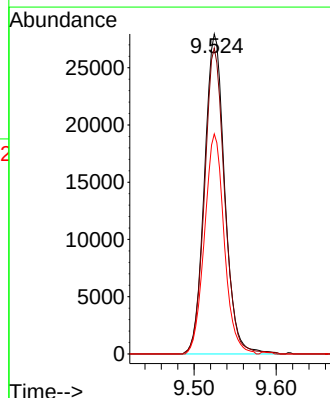
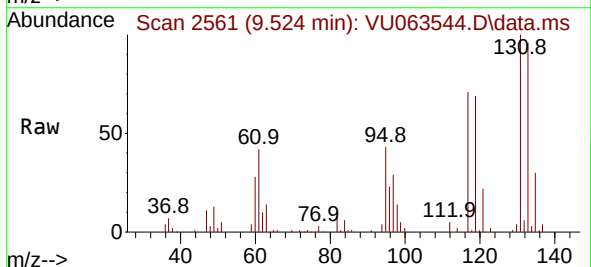
Tgt Ion:131 Resp: 47992

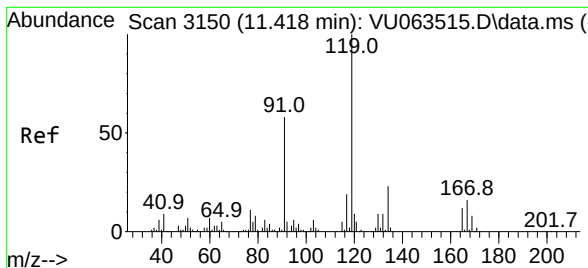
Ion Ratio Lower Upper

131 100

133 95.0 74.7 112.1

119 67.0 53.0 79.4

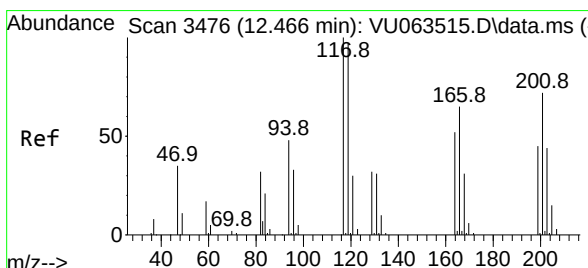
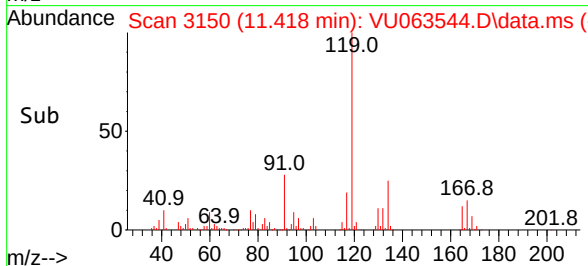
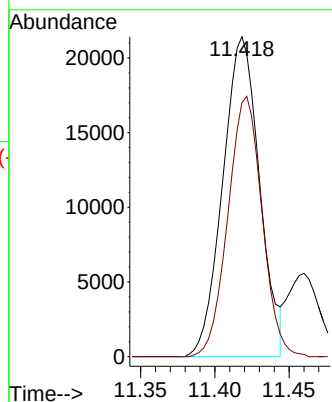
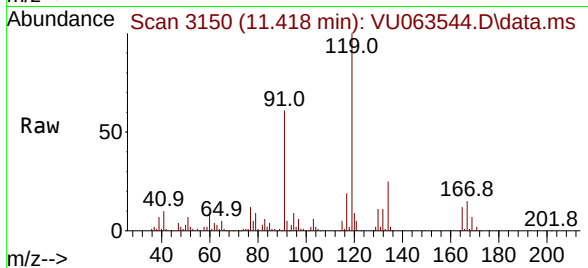




#61
 Pentachloroethane
 Concen: 12.966 ug/l
 RT: 11.418 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU063544.D
 Acq: 18 Jul 2025 18:56

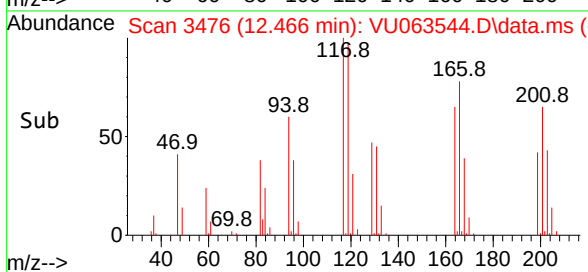
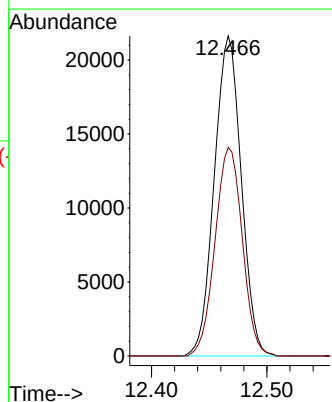
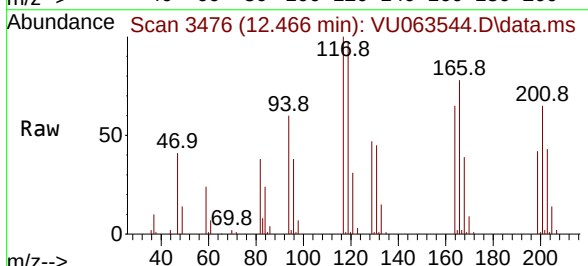
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

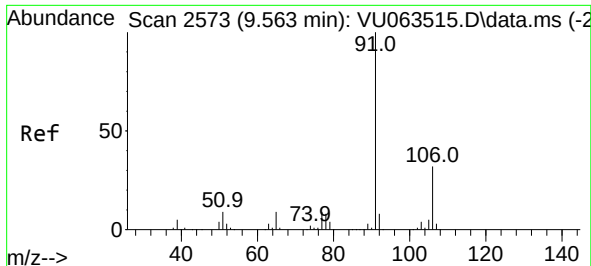
Tgt Ion:117 Resp: 36881
 Ion Ratio Lower Upper
 117 100
 167 75.5 65.0 97.6



#62
 Hexachloroethane
 Concen: 12.481 ug/l
 RT: 12.466 min Scan# 3476
 Delta R.T. 0.000 min
 Lab File: VU063544.D
 Acq: 18 Jul 2025 18:56

Tgt Ion:117 Resp: 35155
 Ion Ratio Lower Upper
 117 100
 201 65.8 57.4 86.0

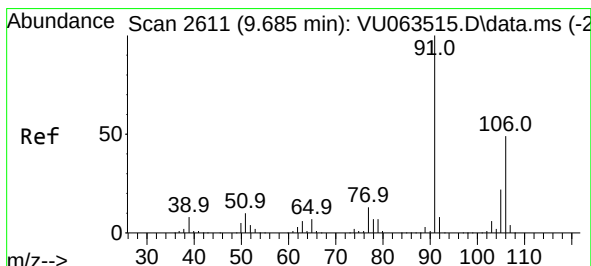
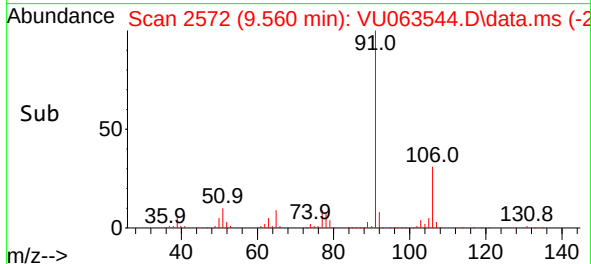
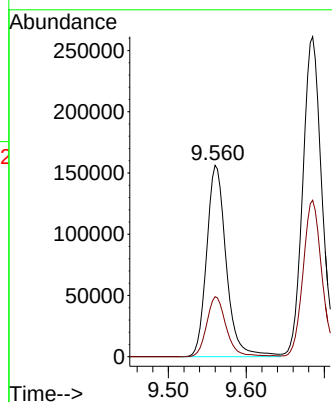
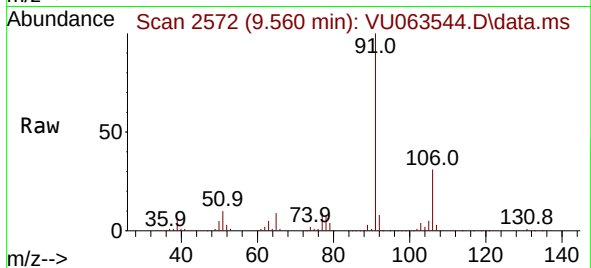




#63
Ethyl Benzene
Concen: 12.689 ug/l
RT: 9.560 min Scan# 2573
Delta R.T. -0.003 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

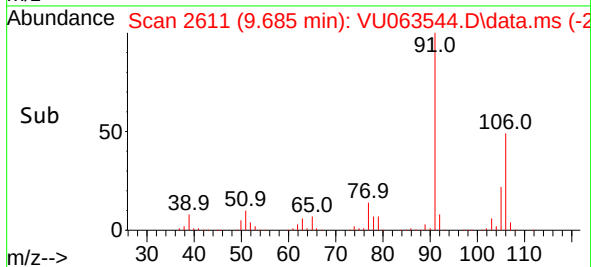
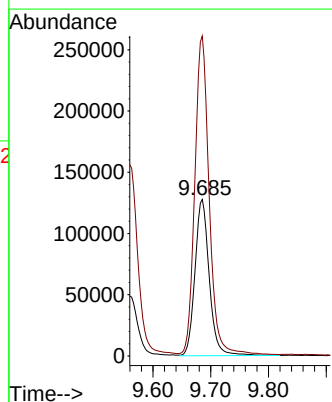
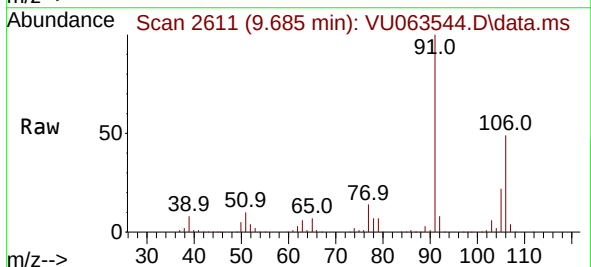
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

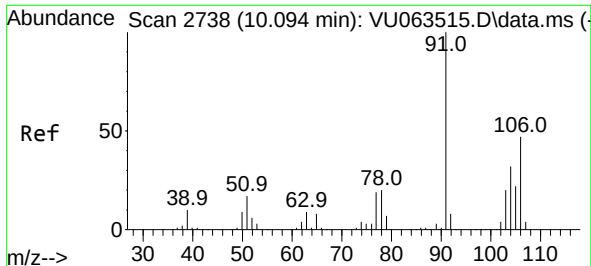
Tgt Ion: 91 Resp: 273334
Ion Ratio Lower Upper
91 100
106 31.4 25.4 38.0



#64
m/p-Xylenes
Concen: 26.181 ug/l
RT: 9.685 min Scan# 2611
Delta R.T. 0.000 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

Tgt Ion:106 Resp: 219209
Ion Ratio Lower Upper
106 100
91 205.6 163.6 245.4

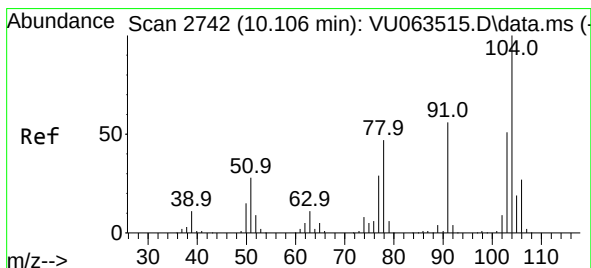
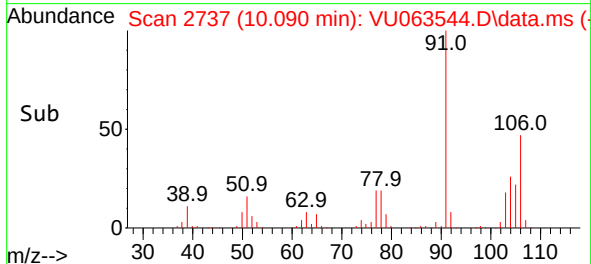
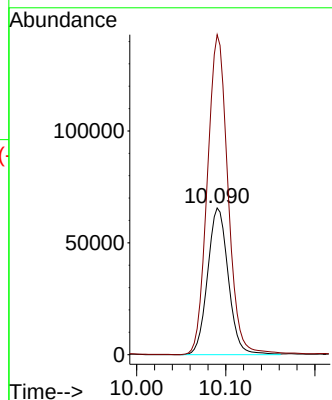
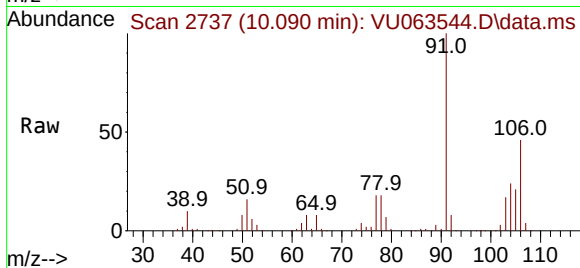




#65
o-Xylene
Concen: 13.178 ug/l
RT: 10.090 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

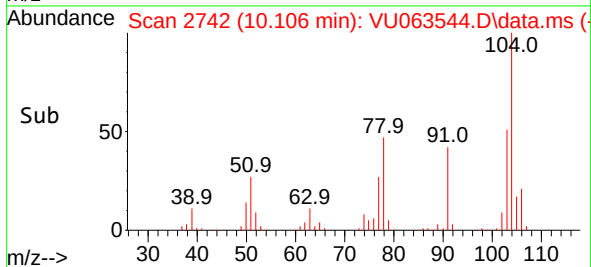
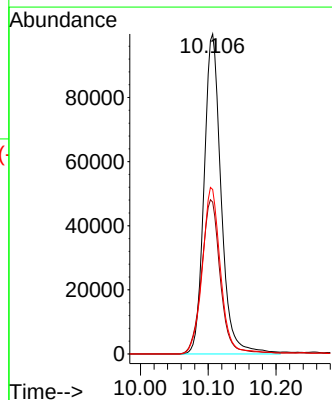
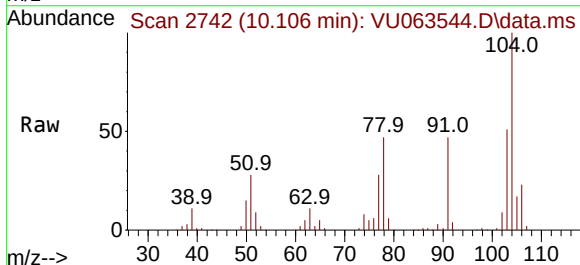
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

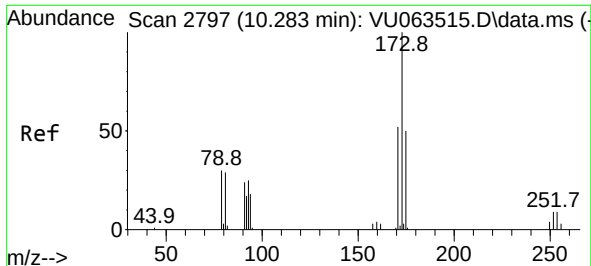
Tgt Ion:106 Resp: 106017
Ion Ratio Lower Upper
106 100
91 217.9 108.1 324.4



#66
Styrene
Concen: 13.632 ug/l
RT: 10.106 min Scan# 2742
Delta R.T. 0.000 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

Tgt Ion:104 Resp: 174794
Ion Ratio Lower Upper
104 100
78 53.0 41.3 61.9
103 55.6 43.6 65.4

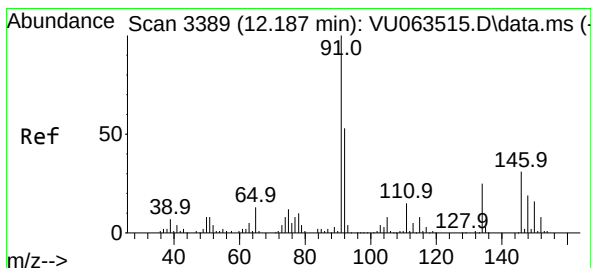
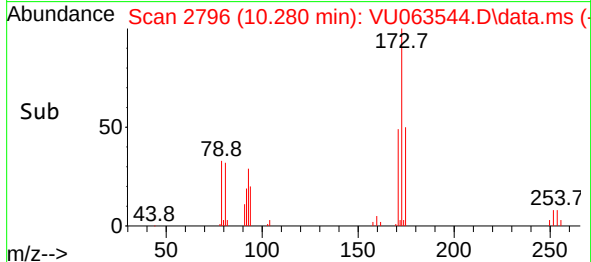
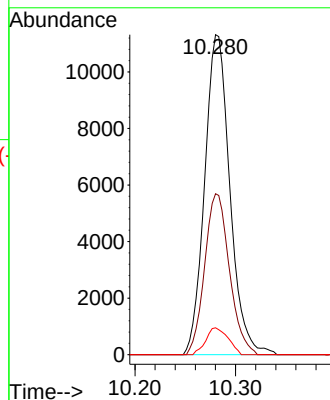
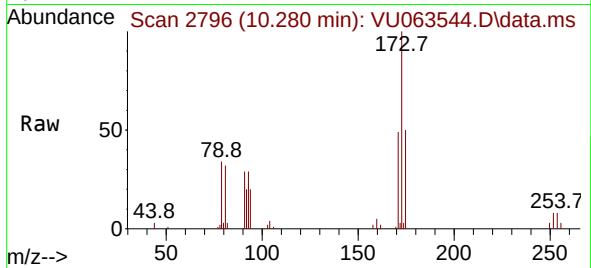




#67
Bromoform
Concen: 11.159 ug/l
RT: 10.280 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

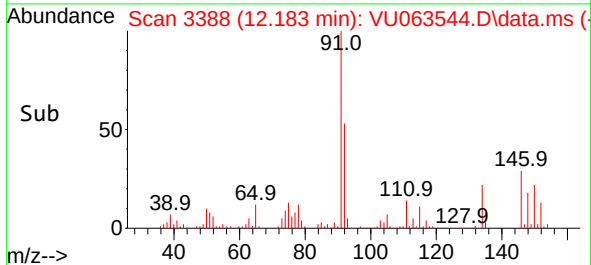
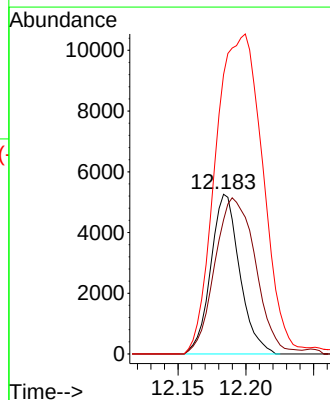
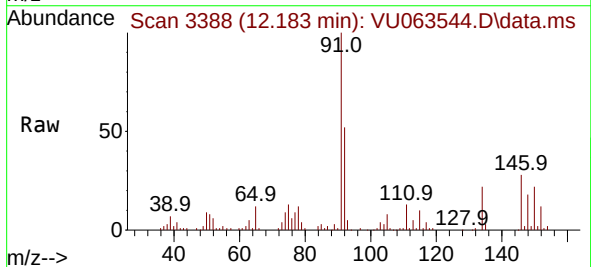
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

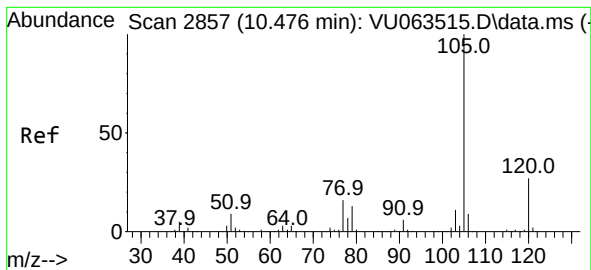
Tgt Ion:173 Resp: 19734
Ion Ratio Lower Upper
173 100
175 49.3 39.0 58.4
254 7.4 6.5 9.7



#68
1,2-Dichlorobenzene-d4
Concen: 1.317 ug/l
RT: 12.183 min Scan# 3388
Delta R.T. -0.003 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

Tgt Ion:152 Resp: 7815
Ion Ratio Lower Upper
152 100
115 137.5 0.0 262.2
150 329.3 0.0 651.2





#69

Isopropylbenzene

Concen: 13.288 ug/l

RT: 10.476 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU063544.D

Acq: 18 Jul 2025 18:56

Instrument :

MSVOA_U

ClientSampleId :

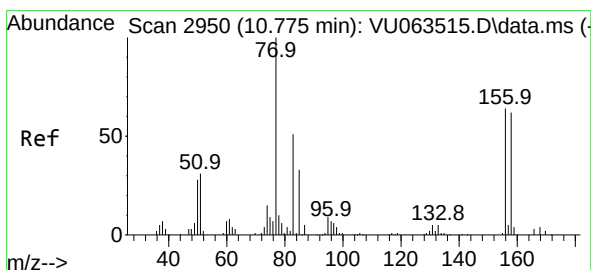
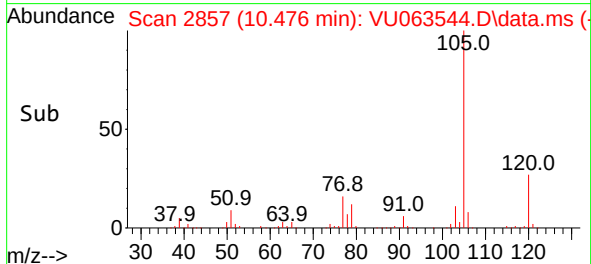
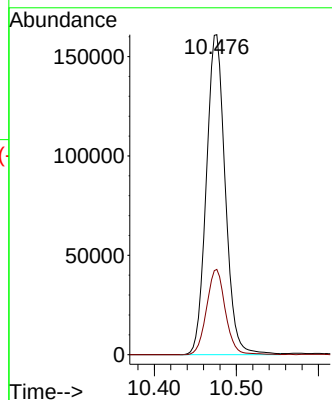
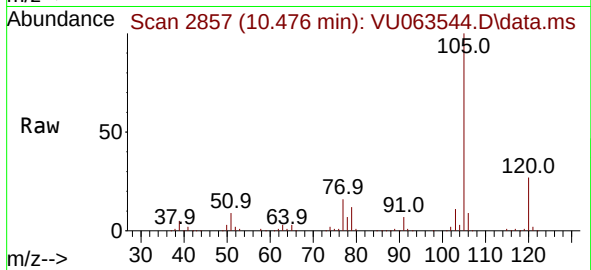
VSTDCCC010EC

Tgt Ion:105 Resp: 258453

Ion Ratio Lower Upper

105 100

120 26.5 13.2 39.5



#70

1,1,2,2-Tetrachloroethane

Concen: 13.578 ug/l

RT: 10.772 min Scan# 2949

Delta R.T. -0.003 min

Lab File: VU063544.D

Acq: 18 Jul 2025 18:56

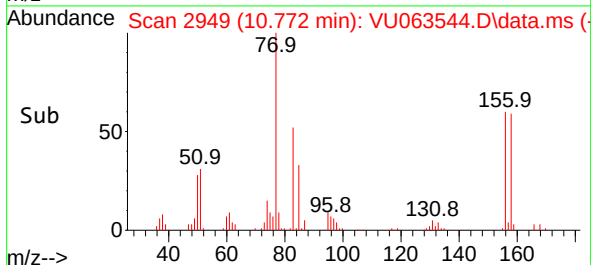
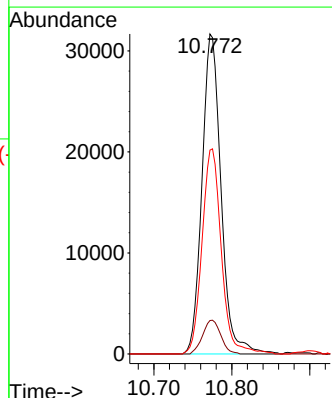
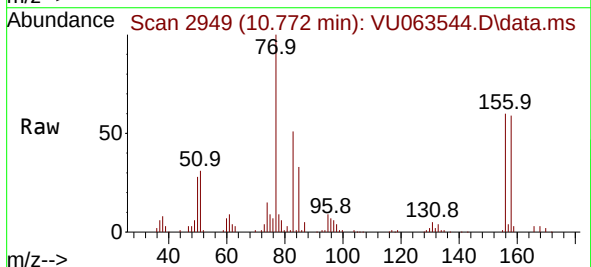
Tgt Ion: 83 Resp: 53834

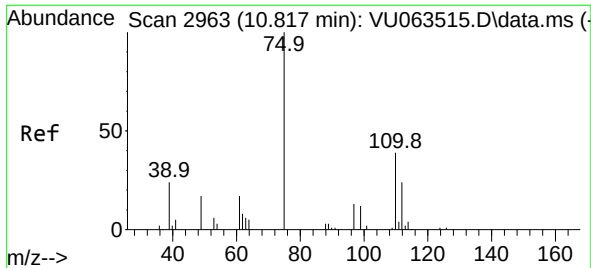
Ion Ratio Lower Upper

83 100

131 10.0 8.4 12.6

85 64.8 51.9 77.9

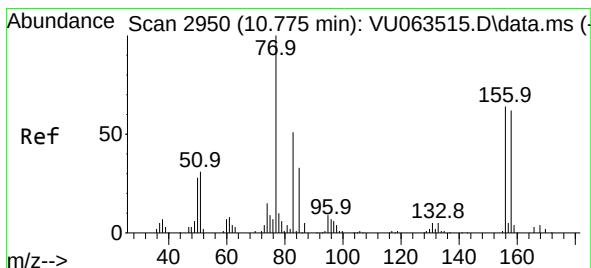
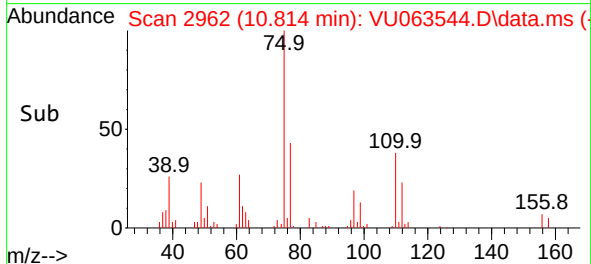
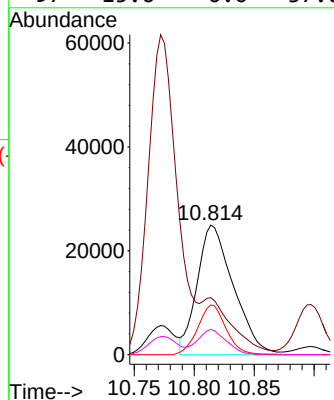
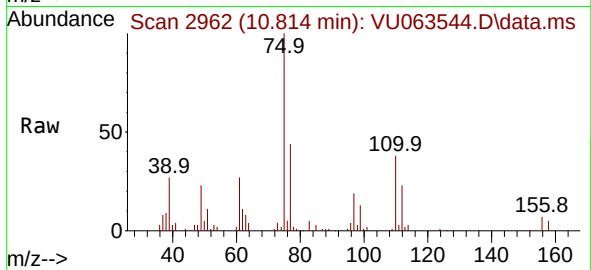




#71
1,2,3-Trichloropropane
Concen: 16.305 ug/l
RT: 10.814 min Scan# 2963
Delta R.T. -0.003 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

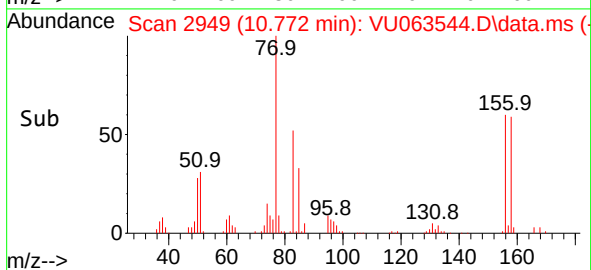
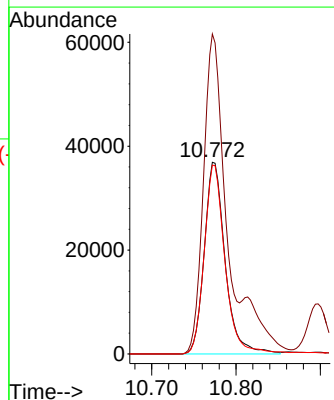
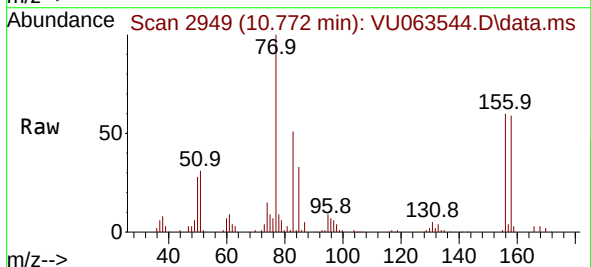
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

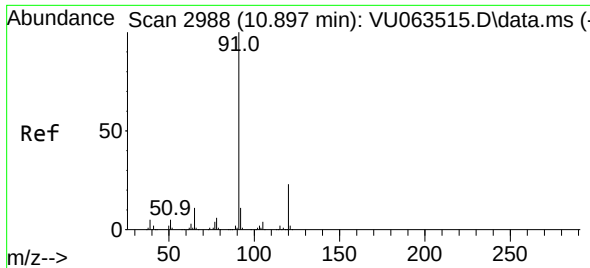
Tgt Ion: 75	Resp: 52503
Ion Ratio	Lower Upper
75 100	
77 0.0	0.0 0.0
110 29.8	0.0 73.2
97 15.6	0.0 37.6



#72
Bromobenzene
Concen: 12.683 ug/l
RT: 10.772 min Scan# 2949
Delta R.T. -0.003 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

Tgt Ion: 156	Resp: 63661
Ion Ratio	Lower Upper
156 100	
77 165.1	0.0 315.2
158 98.4	0.0 195.4

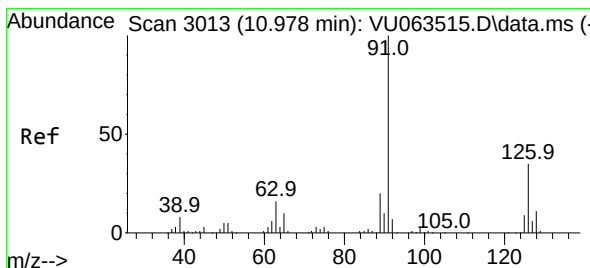
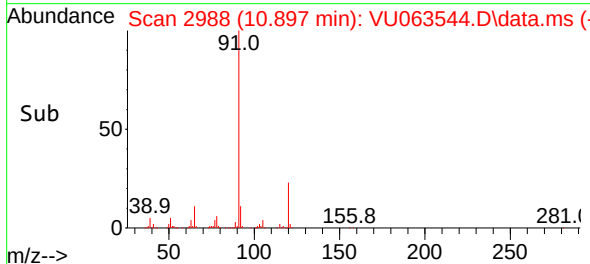
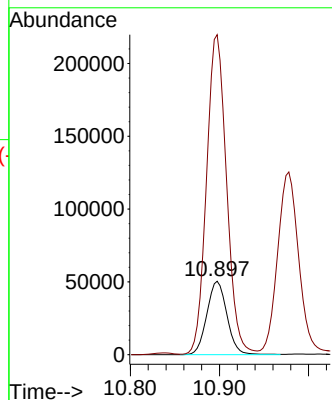
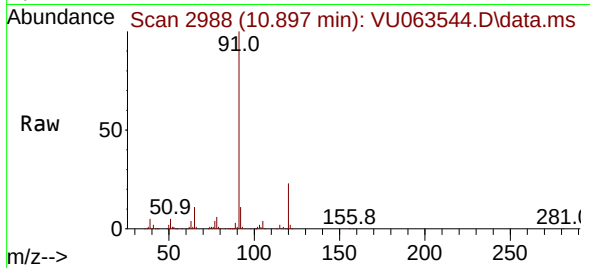




#73
n-propylbenzene
Concen: 13.486 ug/l
RT: 10.897 min Scan# 2988
Delta R.T. 0.000 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

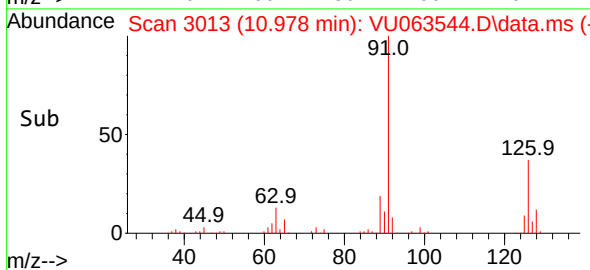
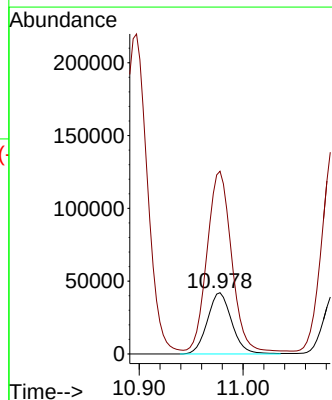
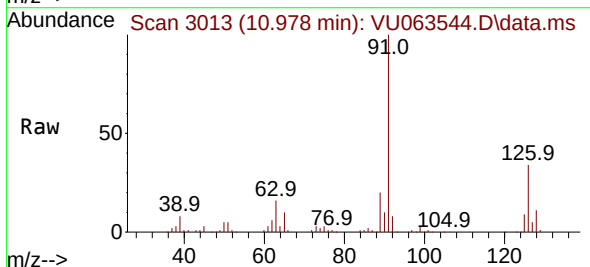
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

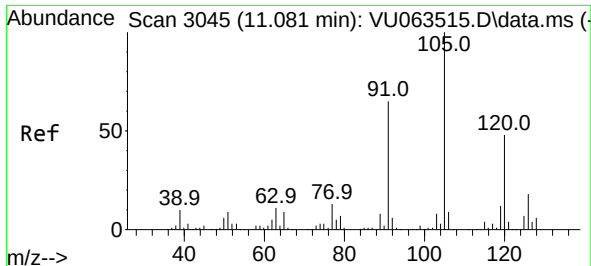
Tgt Ion:120 Resp: 78962
Ion Ratio Lower Upper
120 100
91 433.2 343.1 514.7



#74
2-Chlorotoluene
Concen: 13.172 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. 0.000 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

Tgt Ion:126 Resp: 68161
Ion Ratio Lower Upper
126 100
91 304.6 0.0 606.0

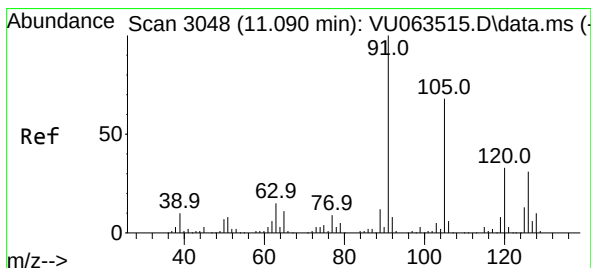
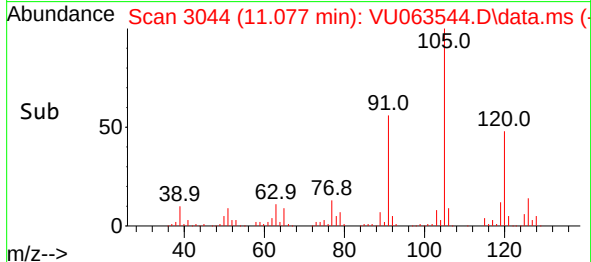
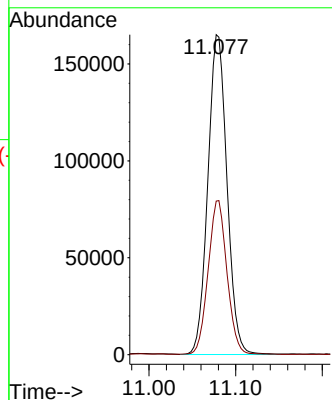
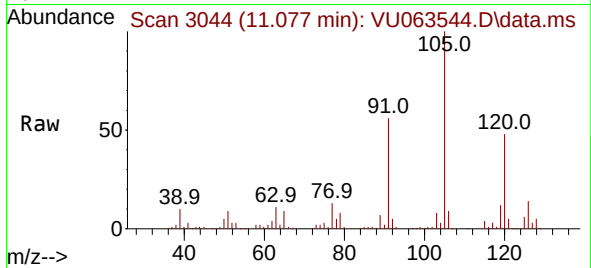




#75
1,3,5-Trimethylbenzene
Concen: 13.628 ug/l
RT: 11.077 min Scan# 3044
Delta R.T. -0.003 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

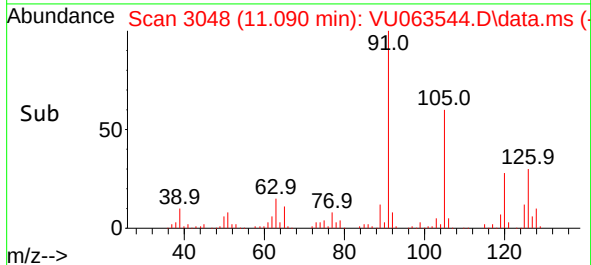
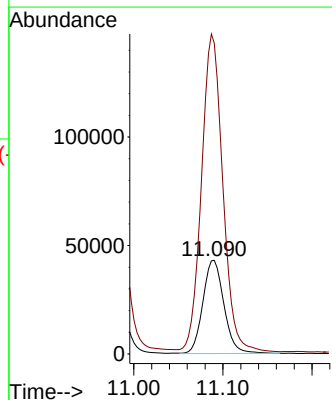
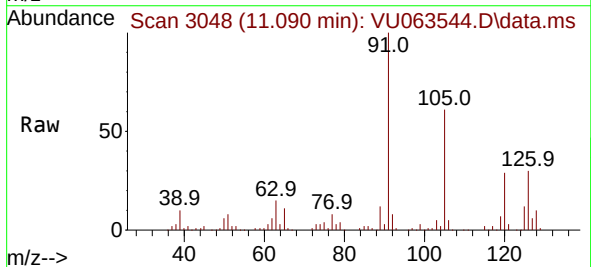
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

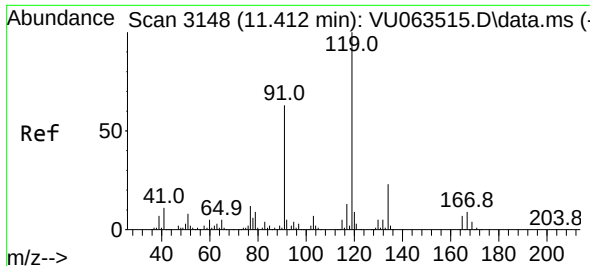
Tgt Ion:105 Resp: 253211
Ion Ratio Lower Upper
105 100
120 47.2 37.8 56.8



#76
4-Chlorotoluene
Concen: 13.418 ug/l
RT: 11.090 min Scan# 3048
Delta R.T. 0.000 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

Tgt Ion:126 Resp: 70511
Ion Ratio Lower Upper
126 100
91 345.5 0.0 682.2

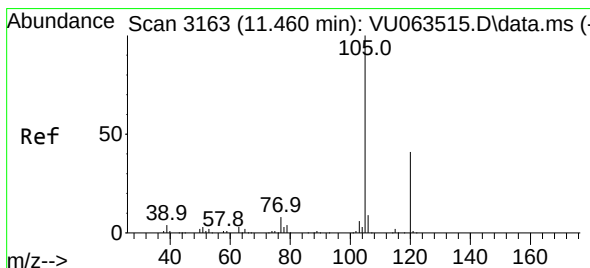
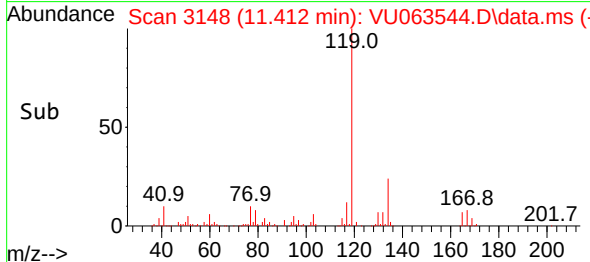
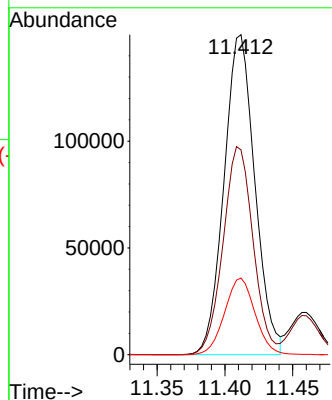
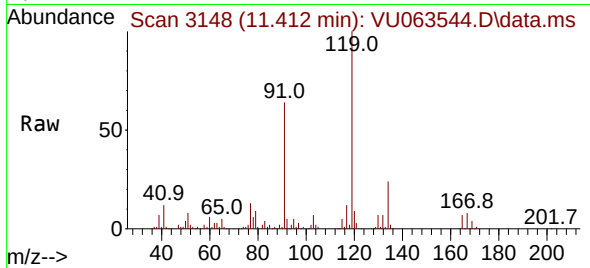




#77
 tert-Butylbenzene
 Concen: 13.376 ug/l
 RT: 11.412 min Scan# 3148
 Delta R.T. 0.000 min
 Lab File: VU063544.D
 Acq: 18 Jul 2025 18:56

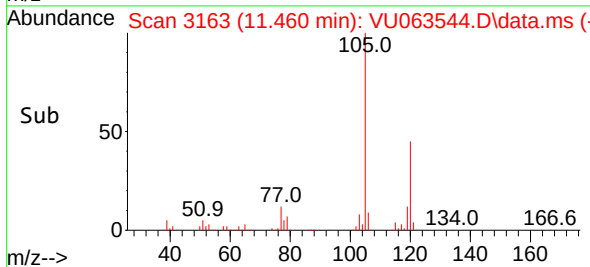
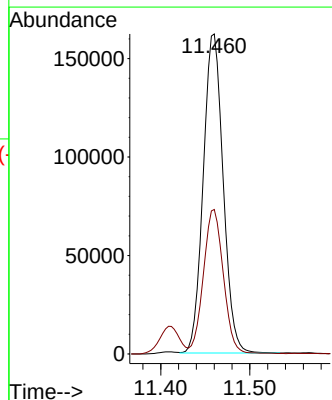
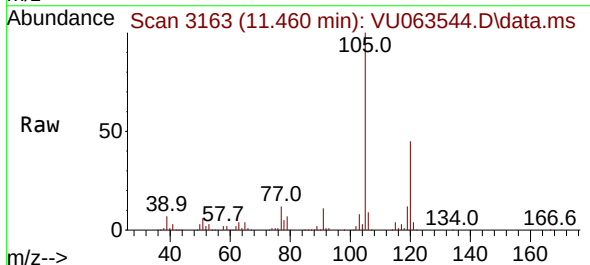
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

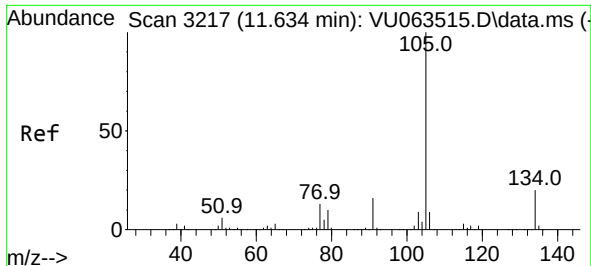
Tgt Ion:119 Resp: 237522
 Ion Ratio Lower Upper
 119 100
 91 63.2 30.7 92.1
 134 23.7 18.5 27.7



#78
 1,2,4-Trimethylbenzene
 Concen: 13.660 ug/l
 RT: 11.460 min Scan# 3163
 Delta R.T. 0.000 min
 Lab File: VU063544.D
 Acq: 18 Jul 2025 18:56

Tgt Ion:105 Resp: 251804
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.7 68.0

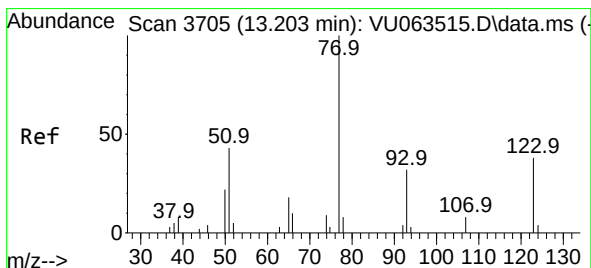
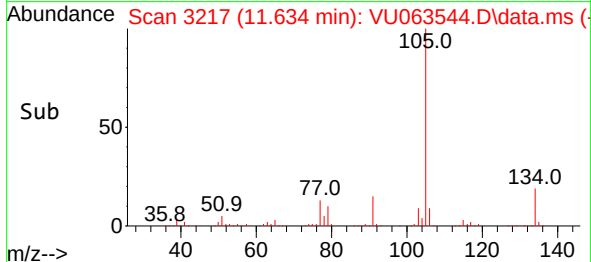
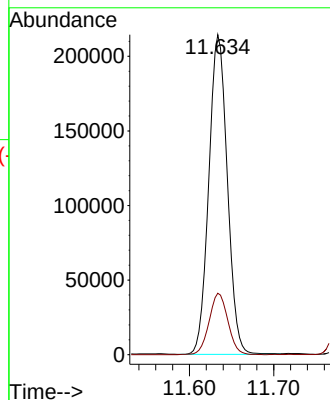
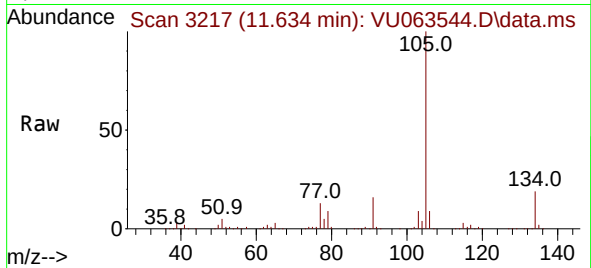




#79
 sec-Butylbenzene
 Concen: 13.715 ug/l
 RT: 11.634 min Scan# 3217
 Delta R.T. 0.000 min
 Lab File: VU063544.D
 Acq: 18 Jul 2025 18:56

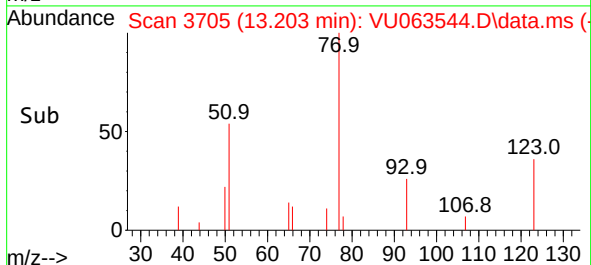
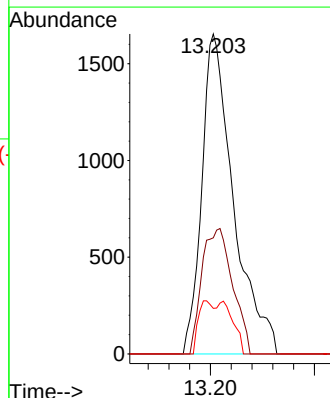
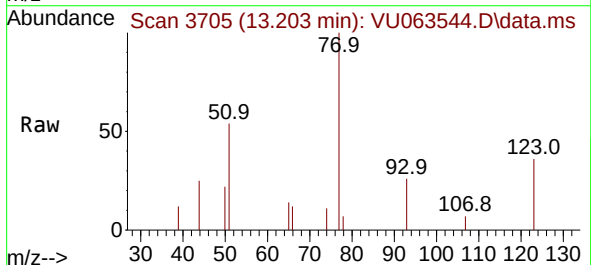
Instrument :
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 ClientSampleId :
 VSTDCCC010EC

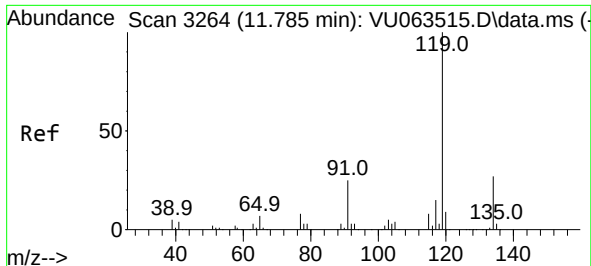
Tgt Ion:105 Resp: 328415
 Ion Ratio Lower Upper
 105 100
 134 19.5 16.2 24.4



#80
 Nitrobenzene
 Concen: 41.586 ug/l
 RT: 13.203 min Scan# 3705
 Delta R.T. -0.000 min
 Lab File: VU063544.D
 Acq: 18 Jul 2025 18:56

Tgt Ion: 77 Resp: 3504
 Ion Ratio Lower Upper
 77 100
 123 37.8 16.9 59.7
 65 7.8 16.5 20.9#

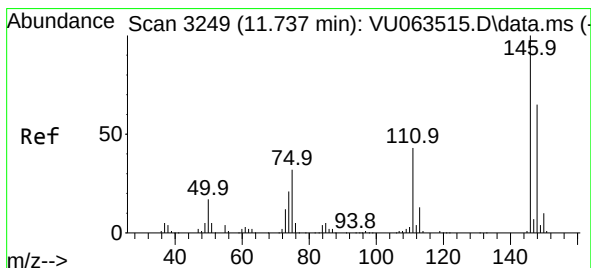
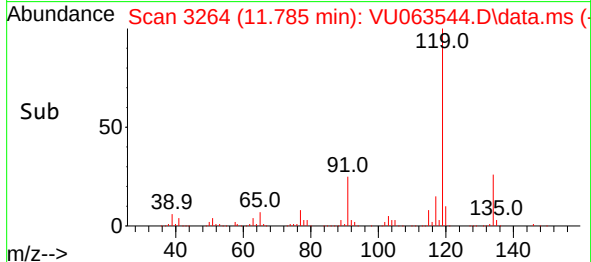
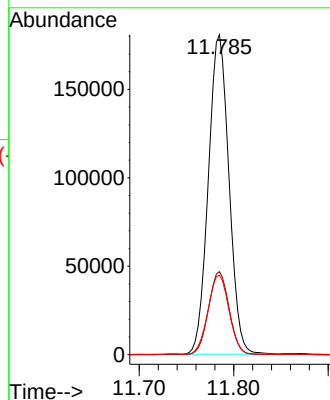
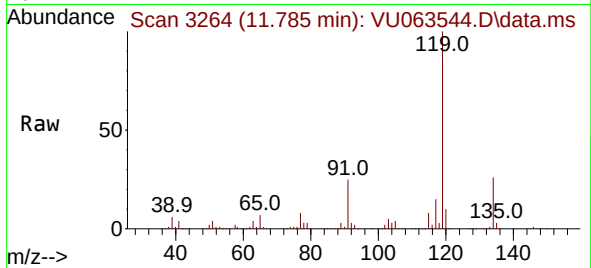




#81
p-Isopropyltoluene
Concen: 13.672 ug/l
RT: 11.785 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

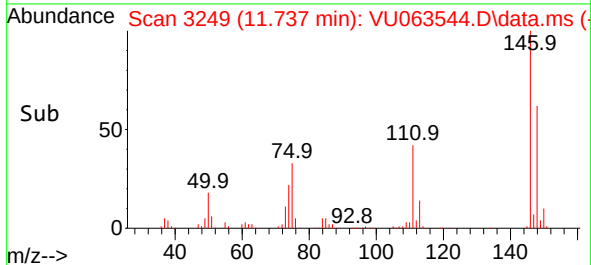
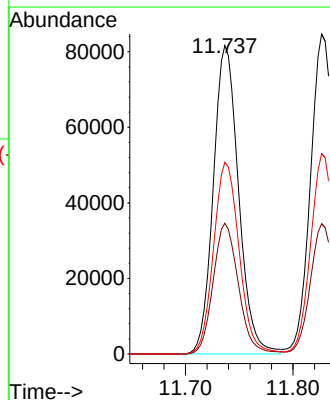
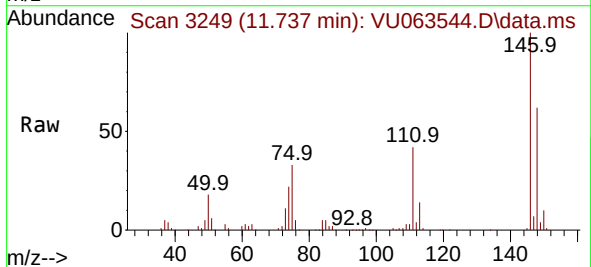
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

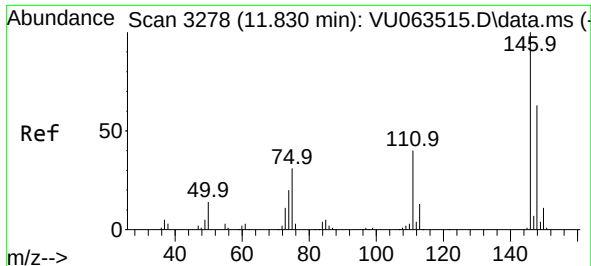
Tgt Ion:119 Resp: 273292
Ion Ratio Lower Upper
119 100
134 25.8 21.1 31.7
91 25.3 19.8 29.8



#82
1,3-Dichlorobenzene
Concen: 13.274 ug/l
RT: 11.737 min Scan# 3249
Delta R.T. 0.000 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

Tgt Ion:146 Resp: 133319
Ion Ratio Lower Upper
146 100
111 42.4 33.8 50.6
148 63.1 51.5 77.3

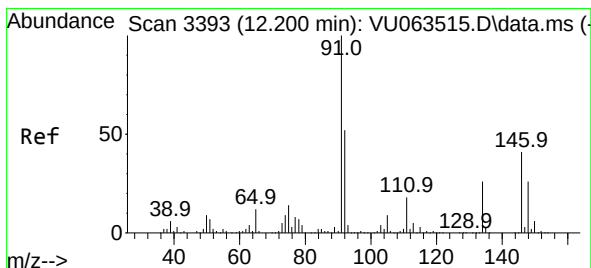
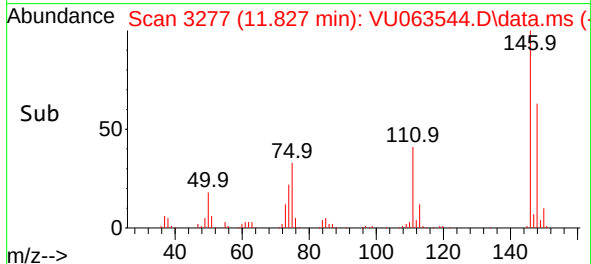
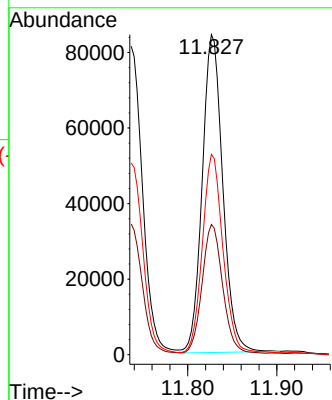
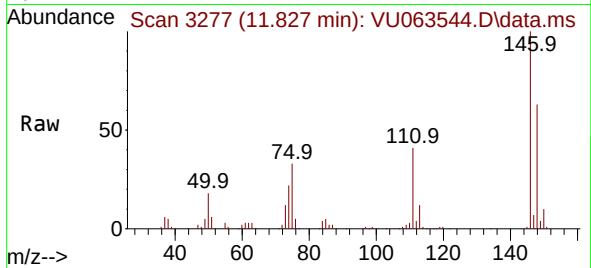




#83
1,4-Dichlorobenzene
Concen: 13.426 ug/l
RT: 11.827 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

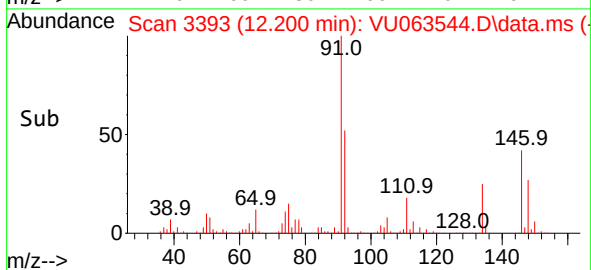
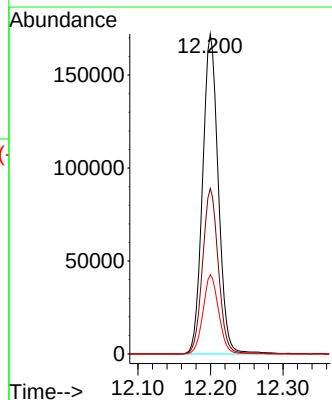
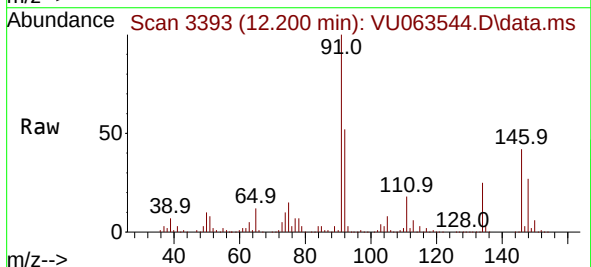
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

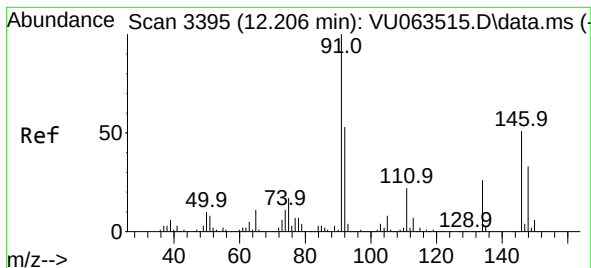
Tgt Ion:146 Resp: 134977
Ion Ratio Lower Upper
146 100
111 40.6 32.0 48.0
148 62.8 50.2 75.2



#84
n-Butylbenzene
Concen: 14.015 ug/l
RT: 12.200 min Scan# 3393
Delta R.T. -0.000 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

Tgt Ion: 91 Resp: 259823
Ion Ratio Lower Upper
91 100
92 51.9 41.5 62.3
134 24.7 20.6 30.8





#85

1,2-Dichlorobenzene

Concen: 13.275 ug/l

RT: 12.203 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU063544.D

Acq: 18 Jul 2025 18:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

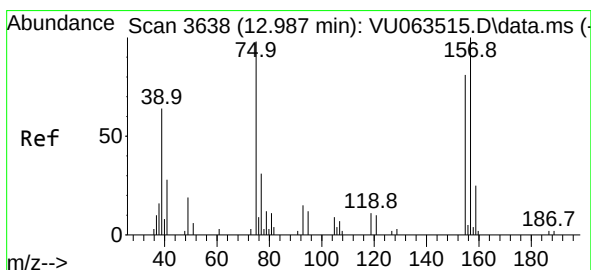
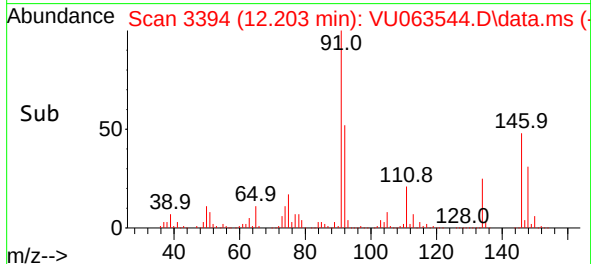
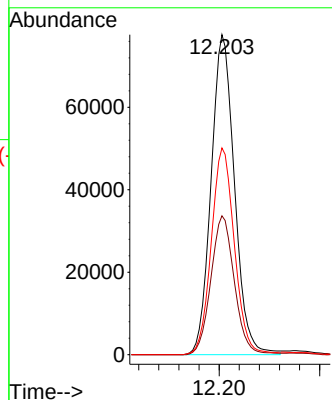
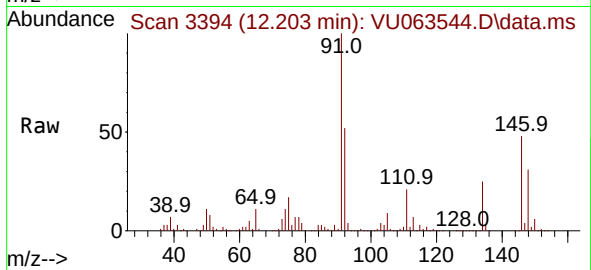
Tgt Ion:146 Resp: 125256

Ion Ratio Lower Upper

146 100

111 43.6 21.7 65.1

148 63.9 31.8 95.3



#86

1,2-Dibromo-3-Chloropropane

Concen: 11.029 ug/l

RT: 12.987 min Scan# 3638

Delta R.T. 0.000 min

Lab File: VU063544.D

Acq: 18 Jul 2025 18:56

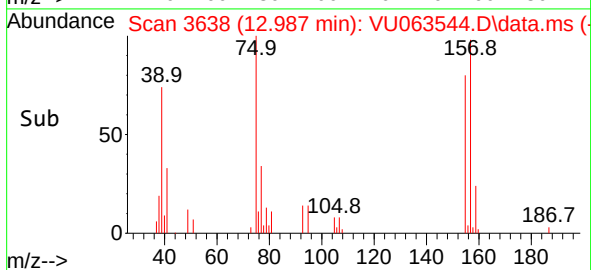
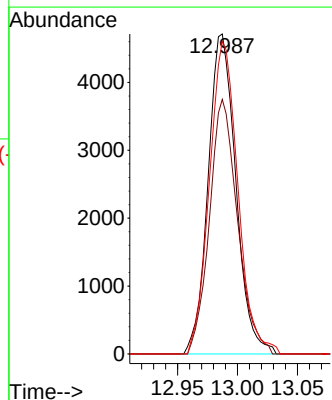
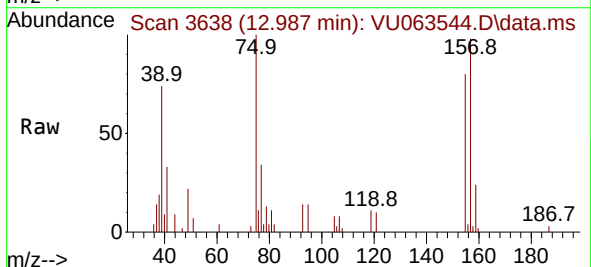
Tgt Ion: 75 Resp: 7568

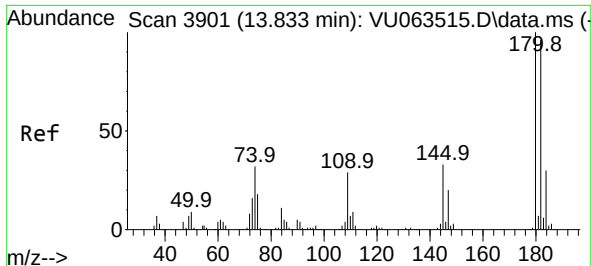
Ion Ratio Lower Upper

75 100

155 80.7 65.8 98.6

157 100.4 81.4 122.2

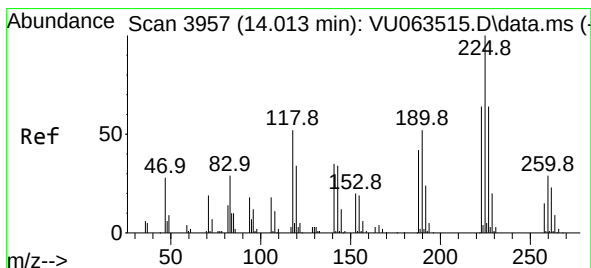
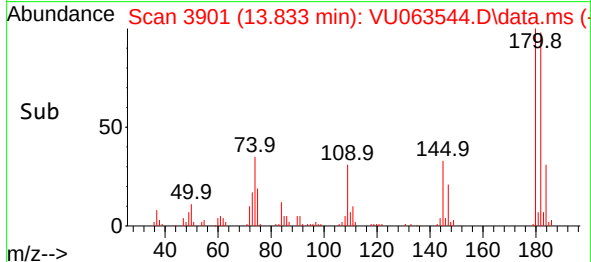
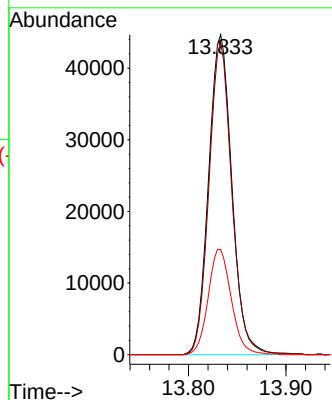
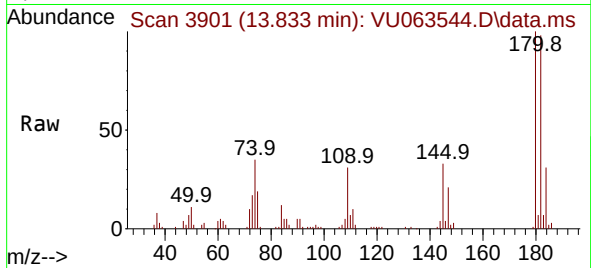




#87
1,2,4-Trichlorobenzene
Concen: 12.640 ug/l
RT: 13.833 min Scan# 3901
Delta R.T. -0.000 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

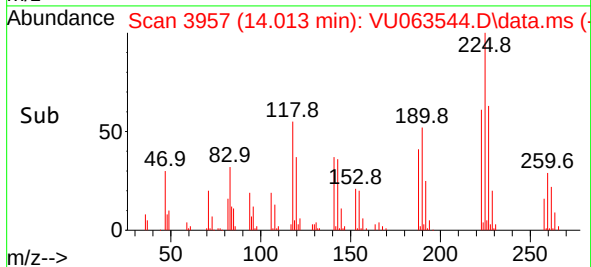
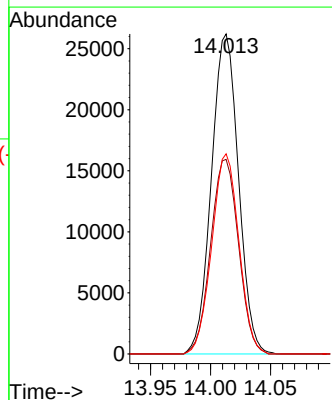
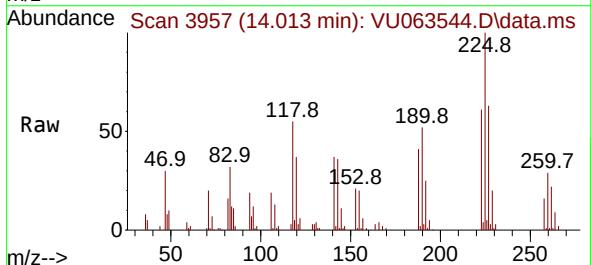
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

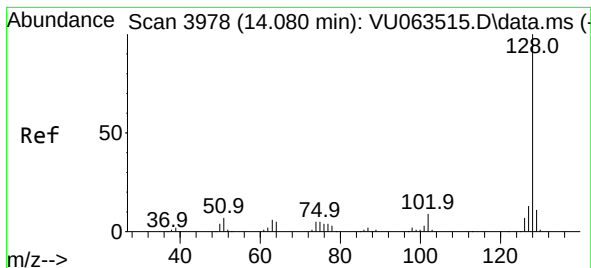
Tgt Ion:180 Resp: 74166
Ion Ratio Lower Upper
180 100
182 95.7 76.2 114.4
145 32.8 26.2 39.2



#88
Hexachlorobutadiene
Concen: 12.327 ug/l
RT: 14.013 min Scan# 3957
Delta R.T. 0.000 min
Lab File: VU063544.D
Acq: 18 Jul 2025 18:56

Tgt Ion:225 Resp: 41074
Ion Ratio Lower Upper
225 100
223 62.7 50.8 76.2
227 62.7 51.0 76.6





#89

Naphthalene

Concen: 12.586 ug/l

RT: 14.081 min Scan# 3978

Delta R.T. 0.001 min

Lab File: VU063544.D

Acq: 18 Jul 2025 18:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

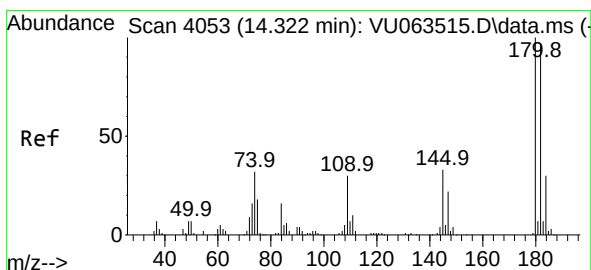
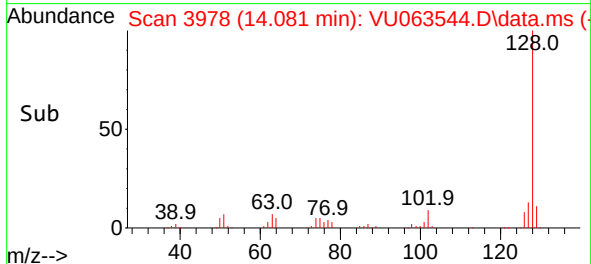
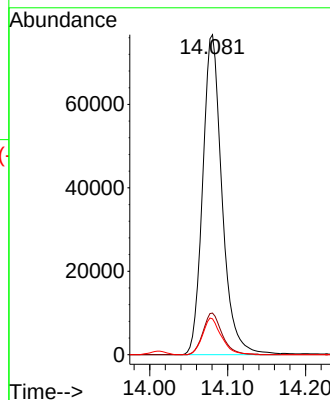
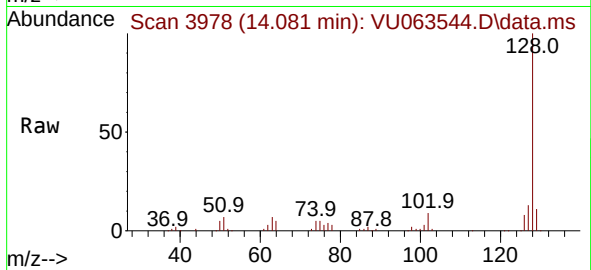
Tgt Ion:128 Resp: 132336

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 11.1 8.8 13.2



#90

1,2,3-Trichlorobenzene

Concen: 12.802 ug/l

RT: 14.322 min Scan# 4053

Delta R.T. 0.000 min

Lab File: VU063544.D

Acq: 18 Jul 2025 18:56

Tgt Ion:180 Resp: 69414

Ion Ratio Lower Upper

180 100

182 96.8 78.0 117.0

145 35.0 27.3 40.9

