

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091225\
 Data File : VU063566.D
 Acq On : 12 Sep 2025 11:34
 Operator : MD/SY
 Sample : VSTDICCC010
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Quant Time: Sep 13 02:20:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U091225DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Sat Sep 13 02:14:55 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.100	96	36418	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	14011	1.173	ug/l	0.00
Spiked Amount 1.000			Recovery	=	117.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	15096	1.292	ug/l	0.00
Spiked Amount 1.000			Recovery	=	129.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	120885	13.671	ug/l	100
3) Chloromethane	1.518	50	115694	13.478	ug/l	100
4) Vinyl Chloride	1.599	62	128337	11.897	ug/l	100
5) Bromomethane	1.840	94	72718	9.873	ug/l	100
6) Chloroethane	1.920	64	80721	10.661	ug/l	100
7) Trichlorofluoromethane	2.126	101	191734	10.235	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	102617	10.040	ug/l	100
9) 1,1-Dichloroethene	2.567	96	95278	10.360	ug/l	100
10) Iodomethane	2.708	142	143297	9.906	ug/l	100
11) Allyl Chloride	2.911	41	161395	13.304	ug/l	100
12) Acrylonitrile	3.303	53	58003	24.236	ug/l	100
13) Acetone	2.618	43	166616	44.614	ug/l	100
14) Carbon Disulfide	2.779	76	203012	10.244	ug/l	100
15) Methylene Chloride	3.030	84	116302	9.434	ug/l	100
16) trans-1,2-Dichloroethene	3.335	96	101186	10.062	ug/l	100
17) 1,1-Dichloroethane	3.849	63	229876	11.124	ug/l	100
18) 2-Butanone	4.708	43	214973	52.741	ug/l	100
19) Cyclohexane	5.361	56	171433	10.890	ug/l	93
20) Methylcyclohexane	6.740	83	176074	12.487	ug/l	100
21) 2,2-Dichloropropane	4.647	77	172558	10.483	ug/l	100
22) cis-1,2-Dichloroethene	4.647	96	124668	10.230	ug/l	100
23) Diethyl Ether	2.367	59	83462	11.394	ug/l	100
24) tert-Butyl Alcohol	3.187	59	106215	110.985	ug/l	100
25) Methyl tert-Butyl Ether	3.358	73	284747	11.020	ug/l	100
26) Bromochloromethane	4.956	128	50782	9.865	ug/l	100
27) Chloroform	5.071	83	230768	10.411	ug/l	100
28) 1,1,1-Trichloroethane	5.296	97	182104	10.423	ug/l	100
29) 1,1-Dichloropropene	5.505	75	161499	10.640	ug/l	100
30) Carbon Tetrachloride	5.502	117	140247	10.515	ug/l	100
31) Isopropyl Ether	3.991	45	383456	12.487	ug/l	100
32) Ethyl-t-butyl ether	4.502	59	323548	11.244	ug/l	100
33) Tert-Amyl methyl ether	5.939	73	275932	10.615	ug/l	100
34) Propionitrile	4.772	54	53019	56.570	ug/l	100
35) Benzene	5.756	78	478552	10.719	ug/l	100
36) 1,2-Dichloroethane	5.782	62	159273	11.005	ug/l	100
37) Trichloroethene	6.525	130	117476	10.383	ug/l	100
38) 1,2-Dichloropropane	6.779	63	137231	13.160	ug/l	100
39) Methacrylonitrile	4.968	41	46618	11.711	ug/l	100
40) Methyl acrylate	4.843	55	67469	11.082	ug/l	100
41) Tetrahydrofuran	5.058	42	49321	23.044	ug/l	100
42) 1-Chlorobutane	5.438	56	231916	11.888	ug/l	100
43) Dibromomethane	6.904	93	61322	11.395	ug/l	100
44) Bromodichloromethane	7.094	83	138214	12.109	ug/l	100

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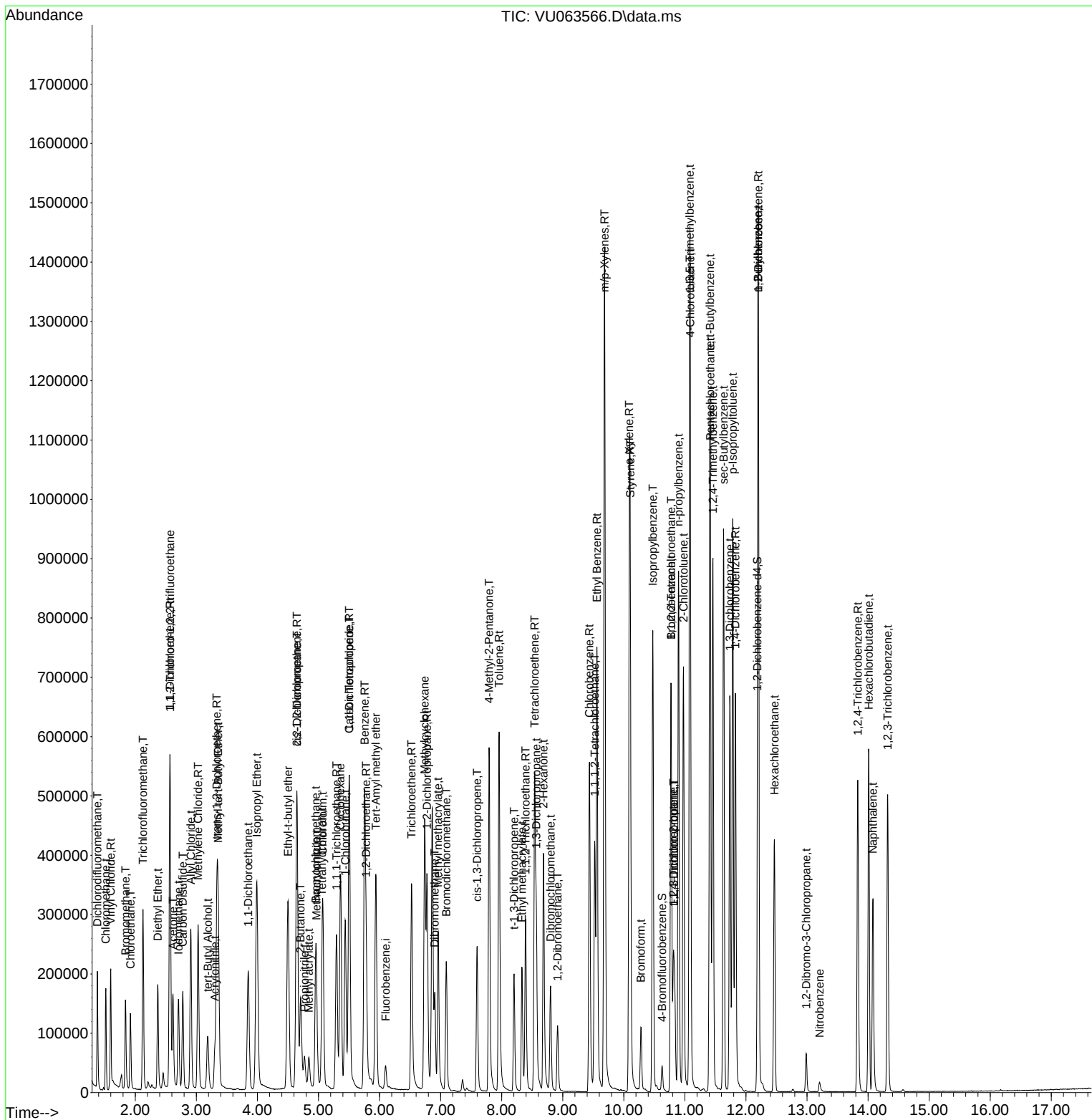
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

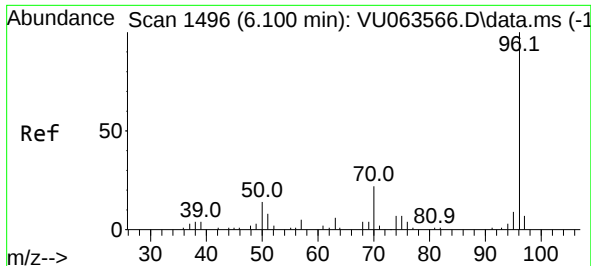
Quant Time: Sep 13 02:20:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U091225DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Sat Sep 13 02:14:55 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.795	43	392902	74.276	ug/l	100
46) t-1,4-Dichloro-2-butene	10.814	75	117030	48.317	ug/l #	70
47) Methyl methacrylate	6.959	69	111849	24.266	ug/l	100
48) Ethyl methacrylate	8.332	69	107177	13.828	ug/l	100
49) Toluene	7.959	92	273385	13.265	ug/l	100
50) t-1,3-Dichloropropene	8.203	75	103288	12.904	ug/l	100
51) cis-1,3-Dichloropropene	7.599	75	141312	13.589	ug/l	100
52) 1,1,2-Trichloroethane	8.393	97	89123	12.592	ug/l	100
53) 1,3-Dichloropropane	8.566	76	151769	13.004	ug/l	100
54) 2-Hexanone	8.685	43	276096	64.646	ug/l	100
55) Dibromochloromethane	8.801	129	89745	13.209	ug/l	100
56) 1,2-Dibromoethane	8.917	107	75721	12.629	ug/l	100
58) Tetrachloroethene	8.541	164	118498	13.108	ug/l	100
59) Chlorobenzene	9.438	112	312472	12.831	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.524	131	104791	13.121	ug/l	100
61) Pentachloroethane	11.418	117	74712	12.340	ug/l	100
62) Hexachloroethane	12.466	117	68234	12.894	ug/l	100
63) Ethyl Benzene	9.560	91	547943	13.173	ug/l	100
64) m/p-Xylenes	9.685	106	419522	26.220	ug/l	100
65) o-Xylene	10.090	106	208084	13.116	ug/l	100
66) Styrene	10.106	104	342986	13.247	ug/l	100
67) Bromoform	10.280	173	47002	13.783	ug/l	100
69) Isopropylbenzene	10.476	105	512279	13.159	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.775	83	114168	12.517	ug/l	100
71) 1,2,3-Trichloropropane	10.814	75	117030	18.504	ug/l #	83
72) Bromobenzene	10.775	156	129273	13.081	ug/l	100
73) n-propylbenzene	10.897	120	153606	13.435	ug/l	100
74) 2-Chlorotoluene	10.978	126	133444	13.024	ug/l	100
75) 1,3,5-Trimethylbenzene	11.081	105	483876	13.035	ug/l	100
76) 4-Chlorotoluene	11.090	126	137403	12.679	ug/l	100
77) tert-Butylbenzene	11.412	119	462986	12.832	ug/l	100
78) 1,2,4-Trimethylbenzene	11.460	105	482778	13.072	ug/l	100
79) sec-Butylbenzene	11.634	105	633237	12.982	ug/l	100
80) Nitrobenzene	13.206	77	9365	50.427	ug/l	97
81) p-Isopropyltoluene	11.785	119	523867	13.270	ug/l	100
82) 1,3-Dichlorobenzene	11.737	146	265618	12.983	ug/l	100
83) 1,4-Dichlorobenzene	11.827	146	264224	12.734	ug/l	100
84) n-Butylbenzene	12.200	91	492367	13.158	ug/l	100
85) 1,2-Dichlorobenzene	12.203	146	251610	12.681	ug/l	100
86) 1,2-Dibromo-3-Chloropr...	12.987	75	15714	13.140	ug/l	100
87) 1,2,4-Trichlorobenzene	13.833	180	158410	13.583	ug/l	100
88) Hexachlorobutadiene	14.013	225	96997	13.672	ug/l	100
89) Naphthalene	14.081	128	276815	13.078	ug/l	100
90) 1,2,3-Trichlorobenzene	14.322	180	149750	13.886	ug/l	100

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

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QLast Update : Sat Sep 13 02:14:55 2025
Response via : Initial Calibration

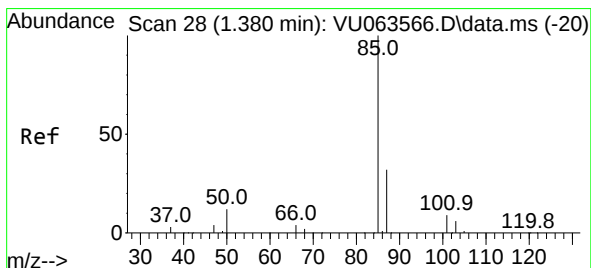
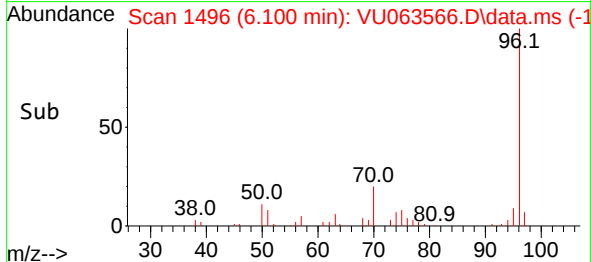
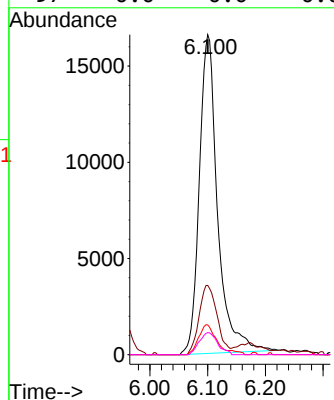
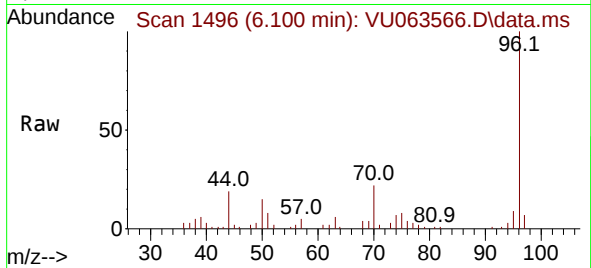




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.100 min Scan# 1496
Delta R.T. 0.000 min
Lab File: VU063566.D
Acq: 12 Sep 2025 11:34

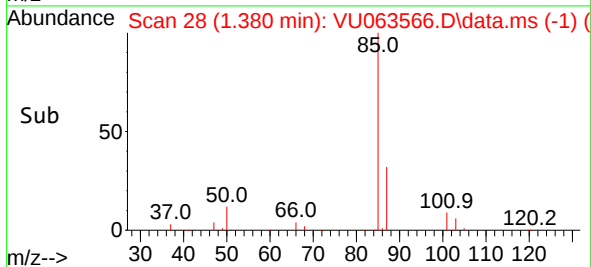
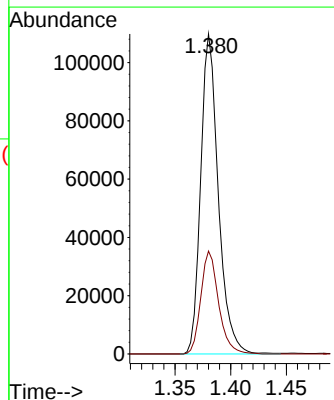
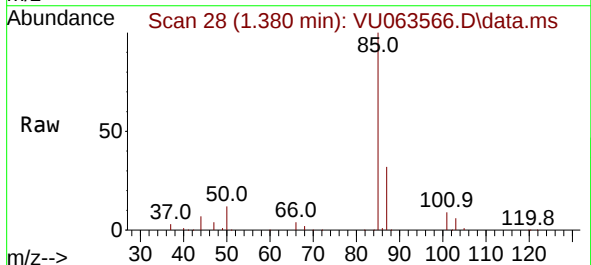
Instrument :
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ClientSampleId :
VSTDICCC010

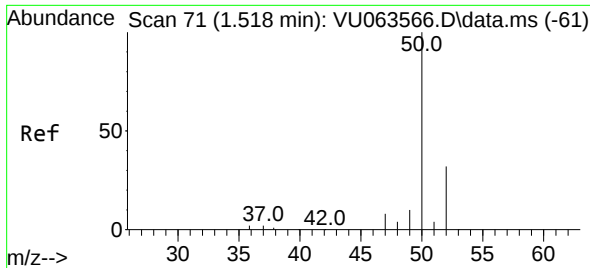
Tgt Ion:	96	Resp:	36418
Ion	Ratio	Lower	Upper
96	100		
70	19.4	15.5	23.3
95	9.6	7.7	11.5
97	0.0	0.0	0.0



#2
Dichlorodifluoromethane
Concen: 13.671 ug/l
RT: 1.380 min Scan# 28
Delta R.T. 0.000 min
Lab File: VU063566.D
Acq: 12 Sep 2025 11:34

Tgt Ion:	85	Resp:	120885
Ion	Ratio	Lower	Upper
85	100		
87	32.1	16.1	48.2

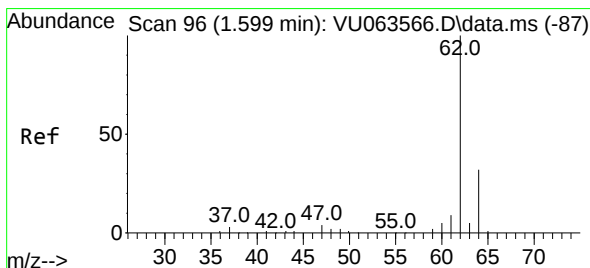
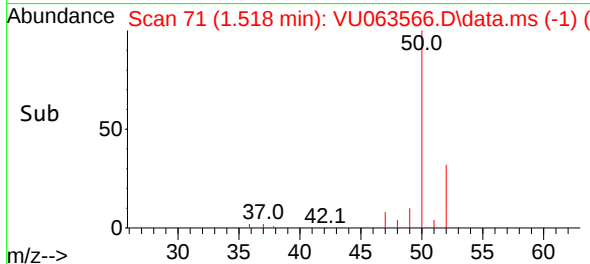
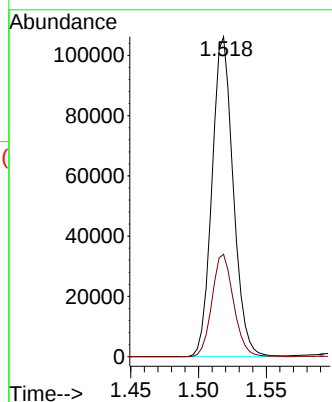
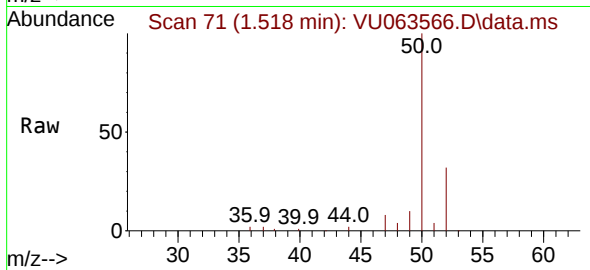




#3
Chloromethane
Concen: 13.478 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU063566.D
Acq: 12 Sep 2025 11:34

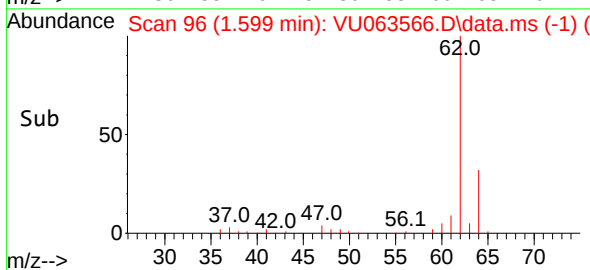
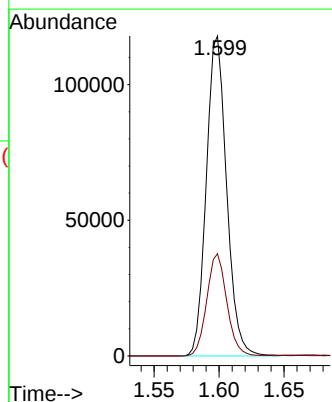
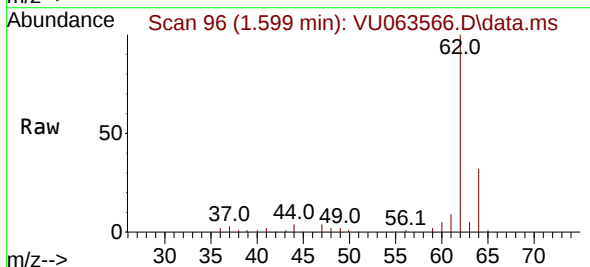
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ClientSampleId :
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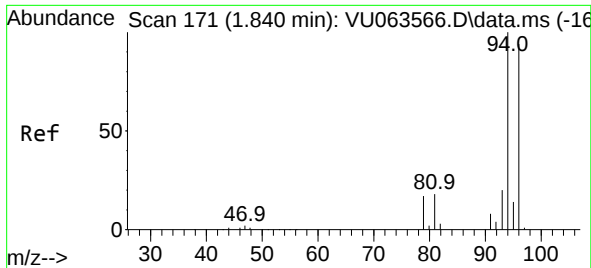
Tgt Ion: 50 Resp: 115694
Ion Ratio Lower Upper
50 100
52 32.0 25.6 38.4



#4
Vinyl Chloride
Concen: 11.897 ug/l
RT: 1.599 min Scan# 96
Delta R.T. 0.000 min
Lab File: VU063566.D
Acq: 12 Sep 2025 11:34

Tgt Ion: 62 Resp: 128337
Ion Ratio Lower Upper
62 100
64 31.9 25.5 38.3

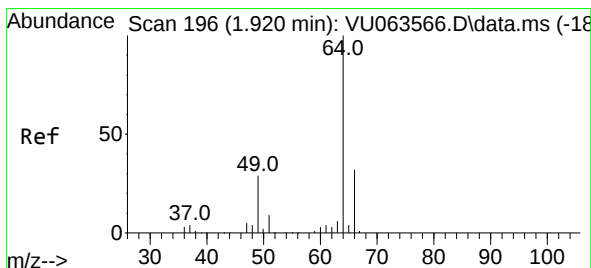
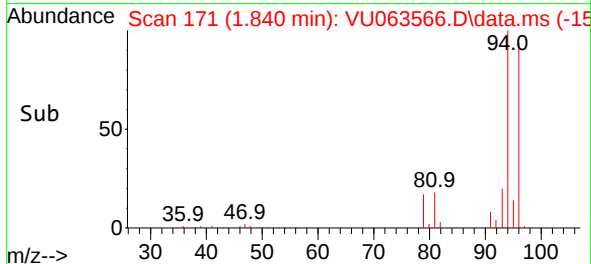
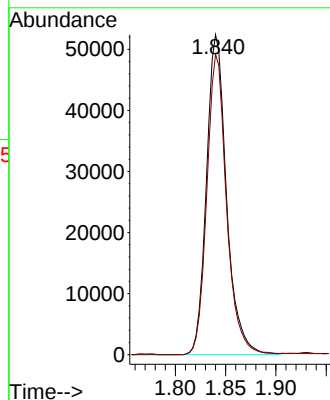
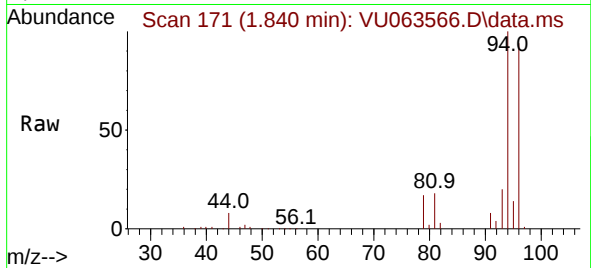




#5
Bromomethane
Concen: 9.873 ug/l
RT: 1.840 min Scan# 171
Delta R.T. 0.000 min
Lab File: VU063566.D
Acq: 12 Sep 2025 11:34

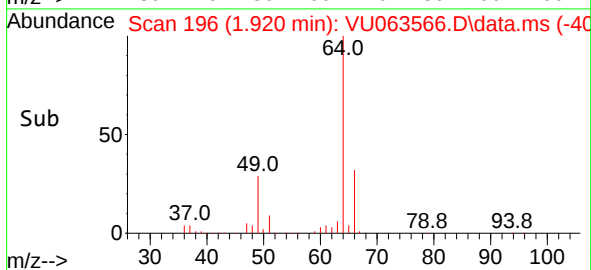
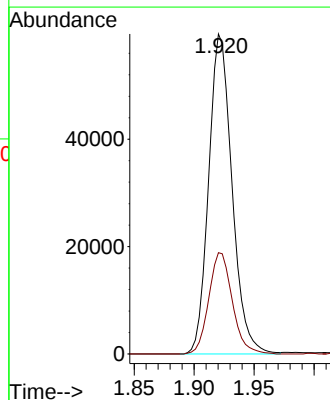
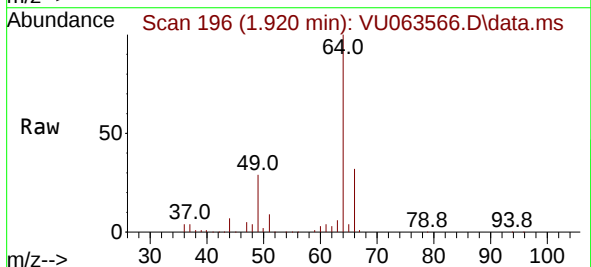
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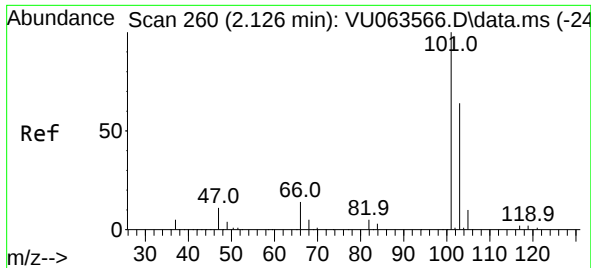
Tgt Ion: 94 Resp: 72718
Ion Ratio Lower Upper
94 100
96 93.9 75.1 112.7



#6
Chloroethane
Concen: 10.661 ug/l
RT: 1.920 min Scan# 196
Delta R.T. 0.000 min
Lab File: VU063566.D
Acq: 12 Sep 2025 11:34

Tgt Ion: 64 Resp: 80721
Ion Ratio Lower Upper
64 100
66 31.7 25.4 38.0

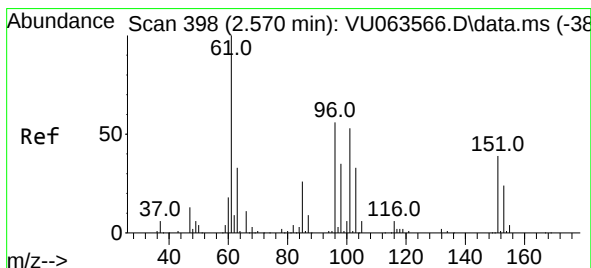
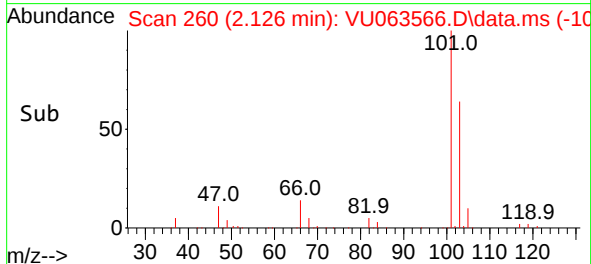
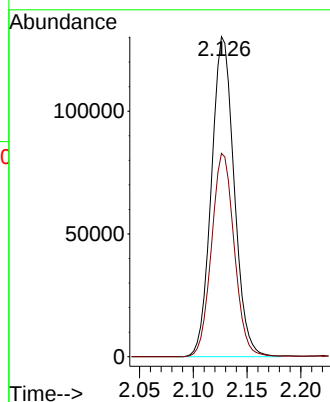
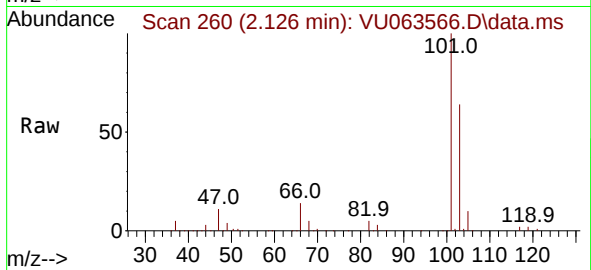




#7
 Trichlorofluoromethane
 Concen: 10.235 ug/l
 RT: 2.126 min Scan# 210
 Delta R.T. 0.000 min
 Lab File: VU063566.D
 Acq: 12 Sep 2025 11:34

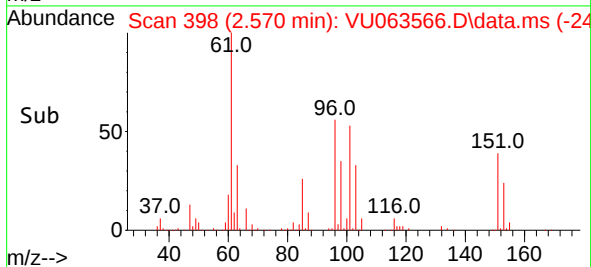
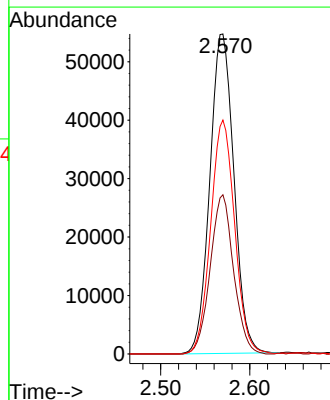
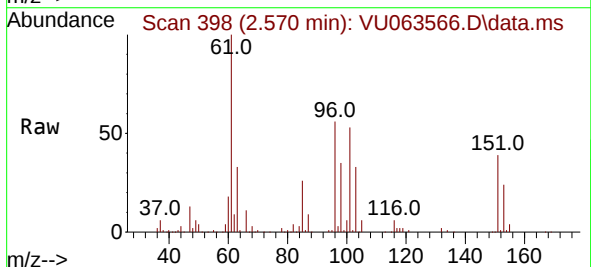
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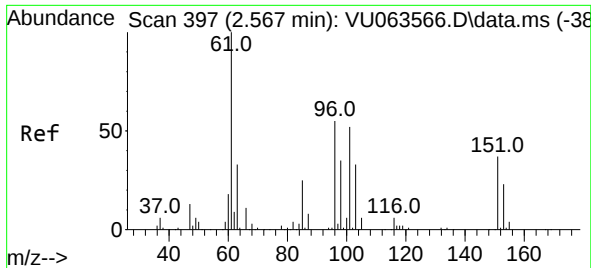
Tgt Ion:101 Resp: 191734
 Ion Ratio Lower Upper
 101 100
 103 63.5 50.8 76.2



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.040 ug/l
 RT: 2.570 min Scan# 398
 Delta R.T. 0.000 min
 Lab File: VU063566.D
 Acq: 12 Sep 2025 11:34

Tgt Ion:101 Resp: 102617
 Ion Ratio Lower Upper
 101 100
 85 48.4 38.7 58.1
 151 72.7 58.2 87.2

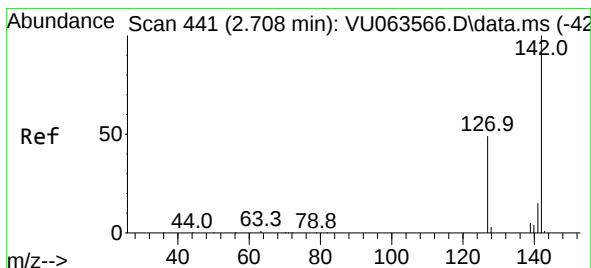
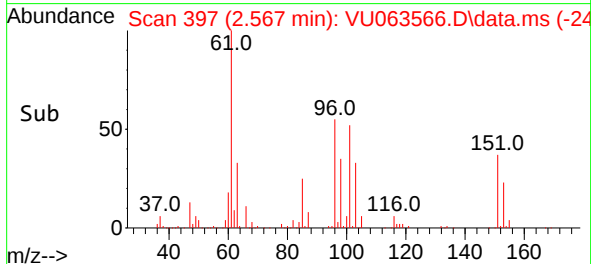
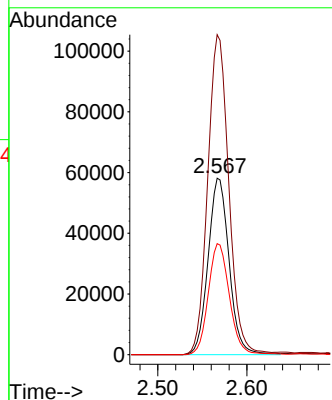
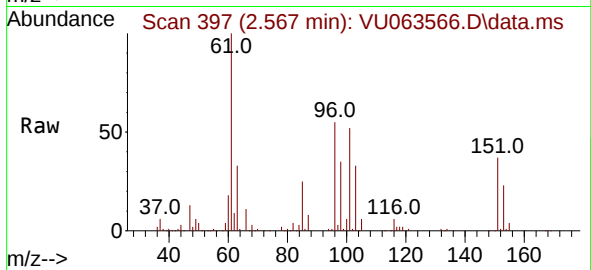




#9
1,1-Dichloroethene
Concen: 10.360 ug/l
RT: 2.567 min Scan# 397
Delta R.T. 0.000 min
Lab File: VU063566.D
Acq: 12 Sep 2025 11:34

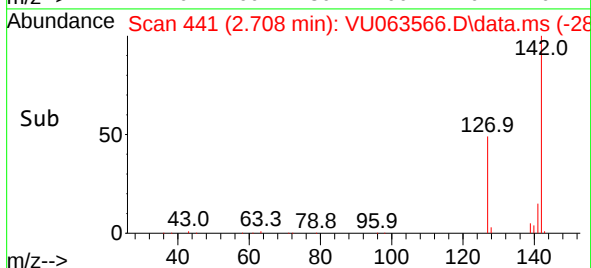
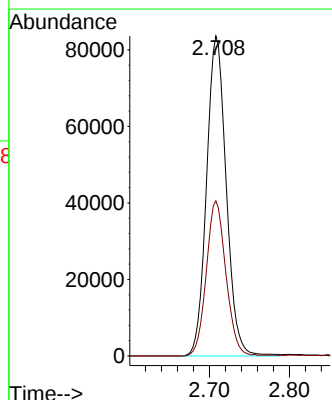
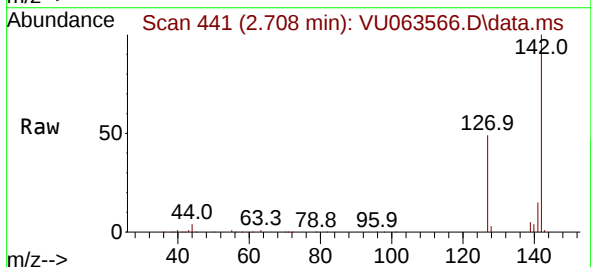
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MSVOA_U
ClientSampleId :
VSTDICCC010

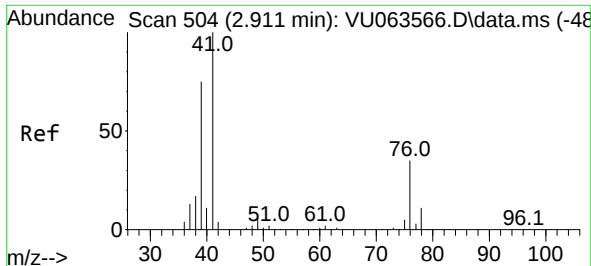
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Ion Ratio Lower Upper
96 100
61 181.3 0.0 543.9
98 62.9 0.0 125.8



#10
Iodomethane
Concen: 9.906 ug/l
RT: 2.708 min Scan# 441
Delta R.T. 0.000 min
Lab File: VU063566.D
Acq: 12 Sep 2025 11:34

Tgt Ion: 142 Resp: 143297
Ion Ratio Lower Upper
142 100
127 48.3 38.6 58.0

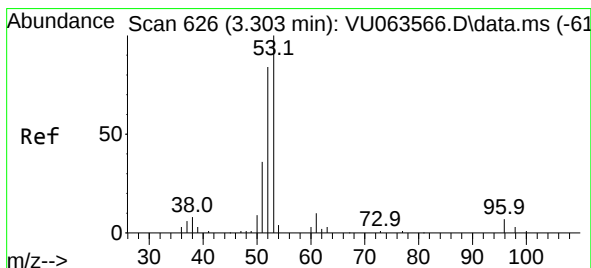
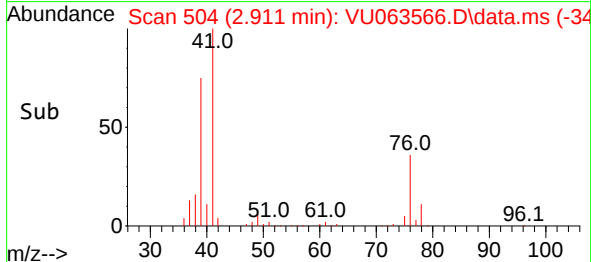
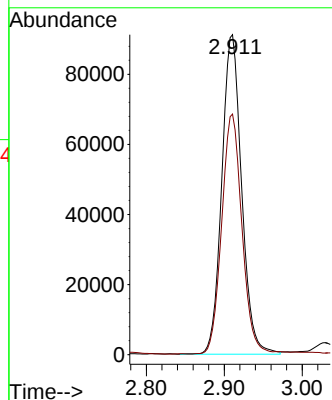
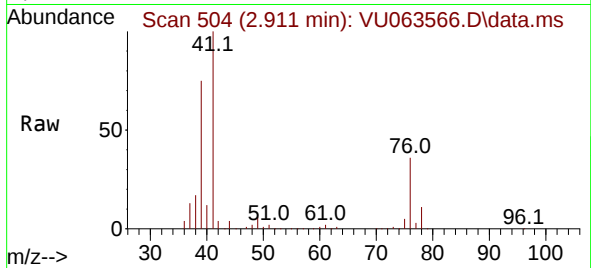




#11
 Allyl Chloride
 Concen: 13.304 ug/l
 RT: 2.911 min Scan# 504
 Delta R.T. 0.000 min
 Lab File: VU063566.D
 Acq: 12 Sep 2025 11:34

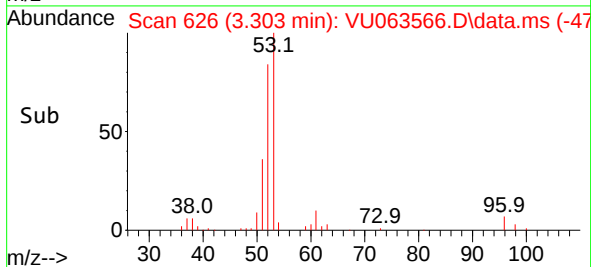
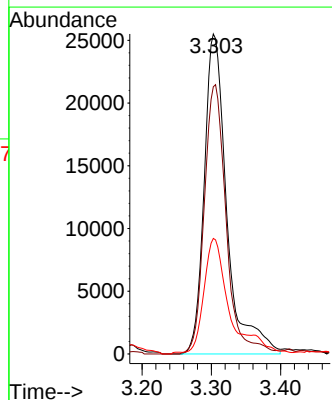
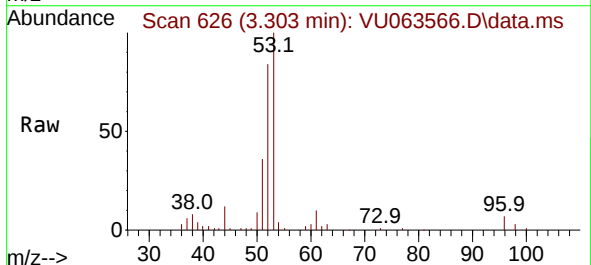
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

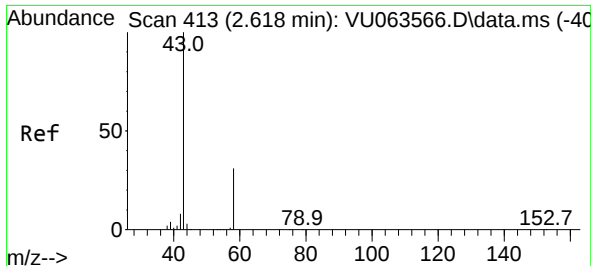
Tgt Ion: 41 Resp: 161395
 Ion Ratio Lower Upper
 41 100
 39 76.5 61.2 91.8



#12
 Acrylonitrile
 Concen: 24.236 ug/l
 RT: 3.303 min Scan# 626
 Delta R.T. 0.000 min
 Lab File: VU063566.D
 Acq: 12 Sep 2025 11:34

Tgt Ion: 53 Resp: 58003
 Ion Ratio Lower Upper
 53 100
 52 81.2 65.0 97.4
 51 39.0 31.2 46.8

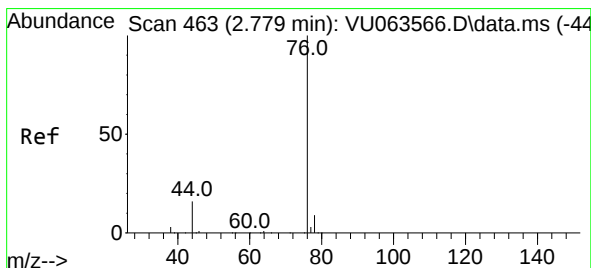
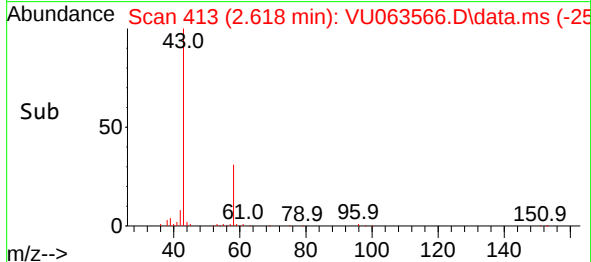
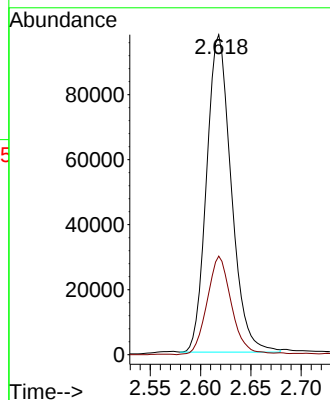
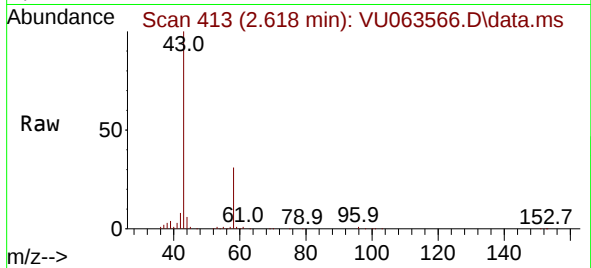




#13
Acetone
Concen: 44.614 ug/l
RT: 2.618 min Scan# 413
Delta R.T. 0.000 min
Lab File: VU063566.D
Acq: 12 Sep 2025 11:34

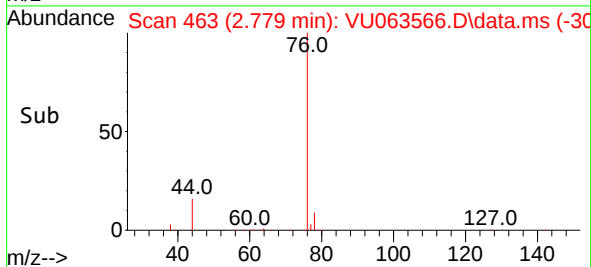
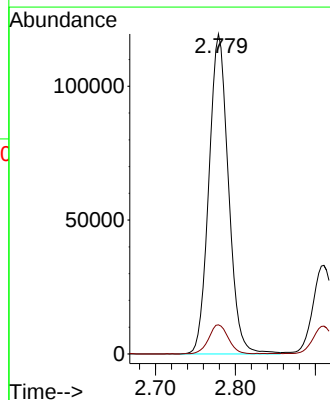
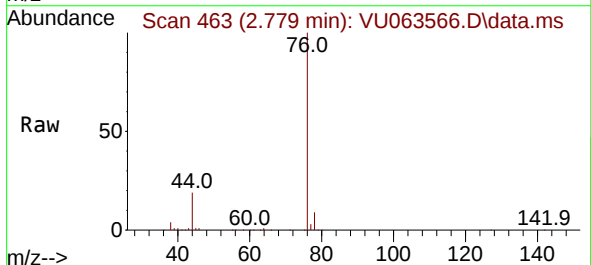
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

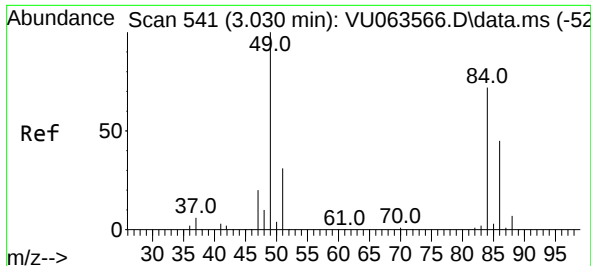
Tgt Ion: 43 Resp: 166616
Ion Ratio Lower Upper
43 100
58 30.9 24.7 37.1



#14
Carbon Disulfide
Concen: 10.244 ug/l
RT: 2.779 min Scan# 463
Delta R.T. 0.000 min
Lab File: VU063566.D
Acq: 12 Sep 2025 11:34

Tgt Ion: 76 Resp: 203012
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

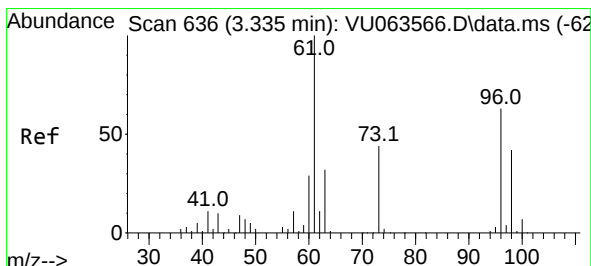
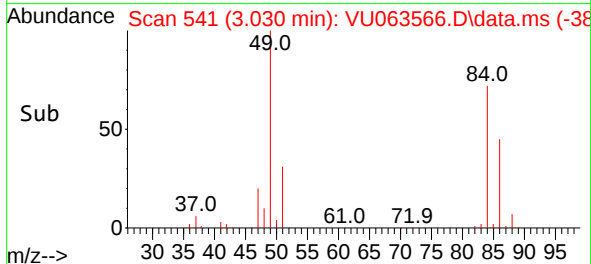
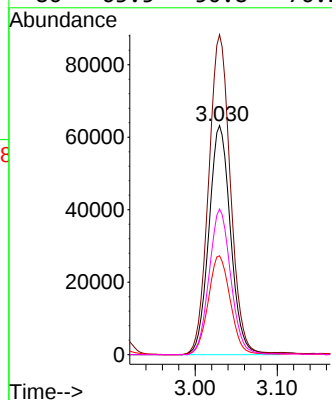
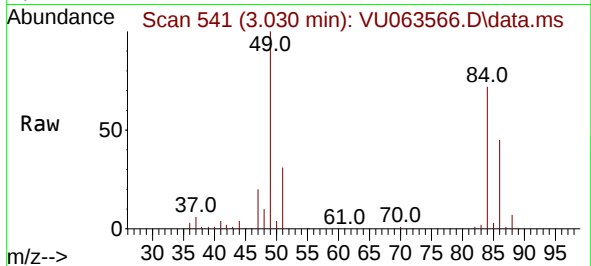




#15
Methylene Chloride
Concen: 9.434 ug/l
RT: 3.030 min Scan# 541
Delta R.T. 0.000 min
Lab File: VU063566.D
Acq: 12 Sep 2025 11:34

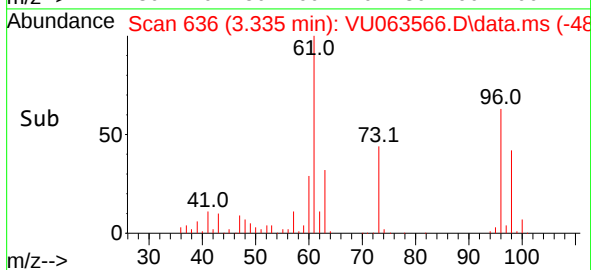
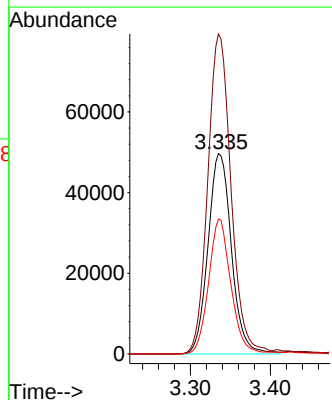
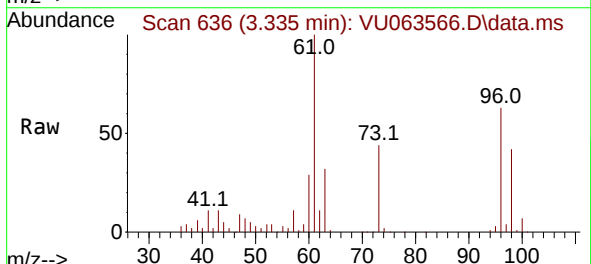
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

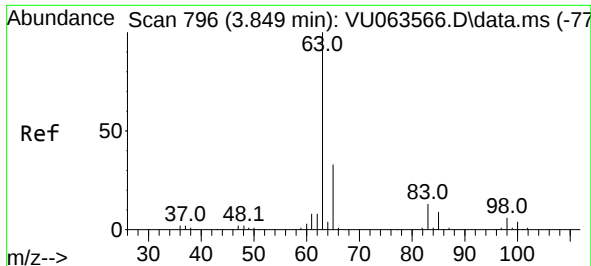
Tgt Ion: 84 Resp: 116302
Ion Ratio Lower Upper
84 100
49 139.7 111.8 167.6
51 43.0 0.0 86.0
86 63.5 50.8 76.2



#16
trans-1,2-Dichloroethene
Concen: 10.062 ug/l
RT: 3.335 min Scan# 636
Delta R.T. 0.000 min
Lab File: VU063566.D
Acq: 12 Sep 2025 11:34

Tgt Ion: 96 Resp: 101186
Ion Ratio Lower Upper
96 100
61 159.7 127.8 191.6
98 67.3 53.8 80.8

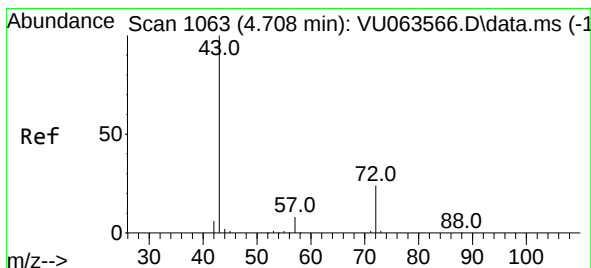
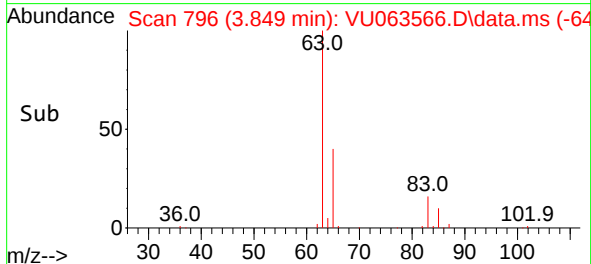
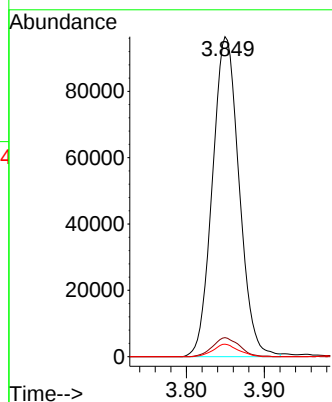
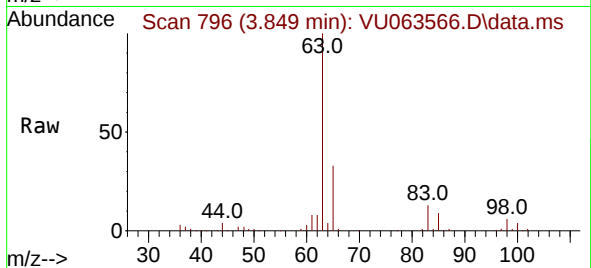




#17
 1,1-Dichloroethane
 Concen: 11.124 ug/l
 RT: 3.849 min Scan# 796
 Delta R.T. 0.000 min
 Lab File: VU063566.D
 Acq: 12 Sep 2025 11:34

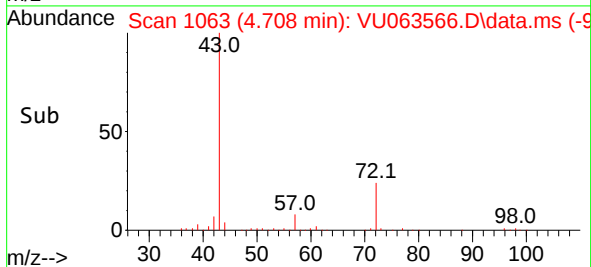
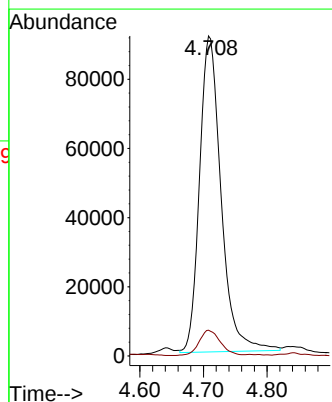
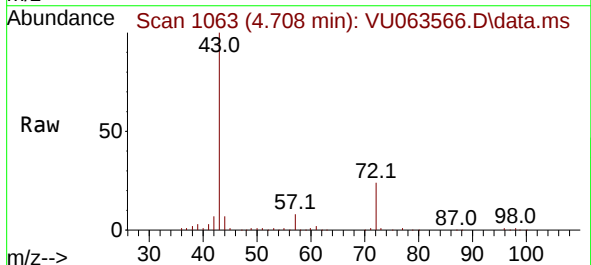
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

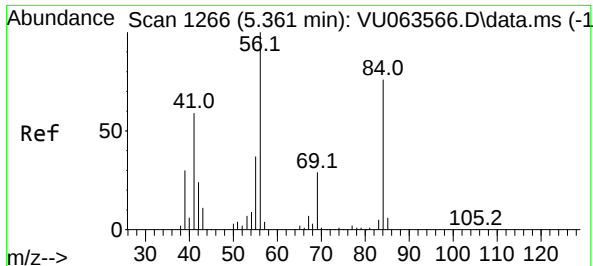
Tgt Ion: 63 Resp: 229876
 Ion Ratio Lower Upper
 63 100
 98 5.9 2.9 8.8
 100 3.9 2.0 5.8



#18
 2-Butanone
 Concen: 52.741 ug/l
 RT: 4.708 min Scan# 1063
 Delta R.T. 0.000 min
 Lab File: VU063566.D
 Acq: 12 Sep 2025 11:34

Tgt Ion: 43 Resp: 214973
 Ion Ratio Lower Upper
 43 100
 57 7.9 0.0 15.8





#19

Cyclohexane

Concen: 10.890 ug/l

RT: 5.361 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU063566.D

Acq: 12 Sep 2025 11:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

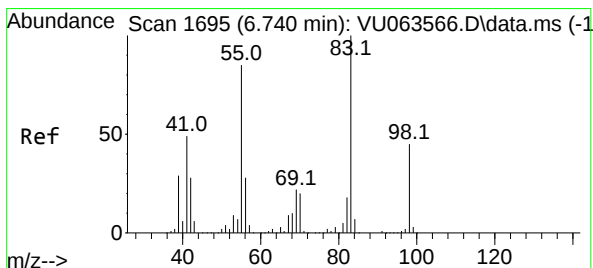
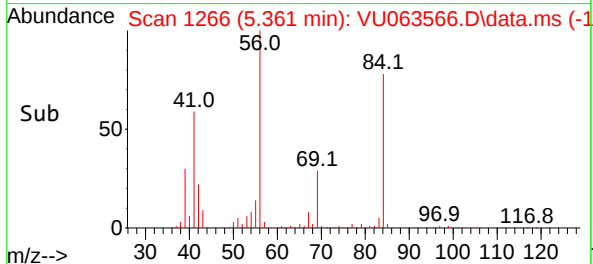
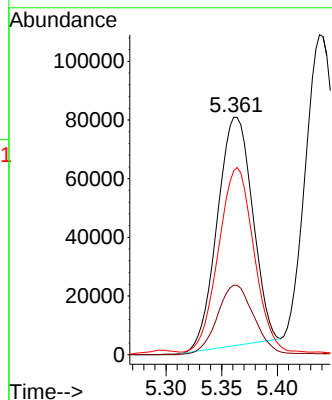
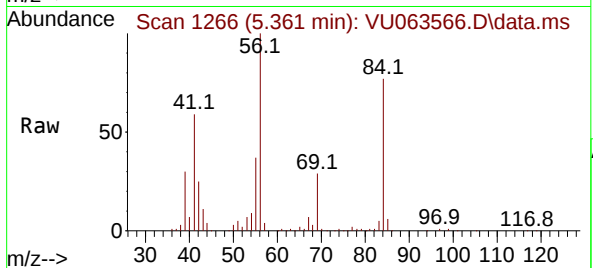
Tgt Ion: 56 Resp: 171433

Ion Ratio Lower Upper

56 100

69 30.9 22.7 34.1

84 80.9 59.4 89.0



#20

Methylcyclohexane

Concen: 12.487 ug/l

RT: 6.740 min Scan# 1695

Delta R.T. 0.000 min

Lab File: VU063566.D

Acq: 12 Sep 2025 11:34

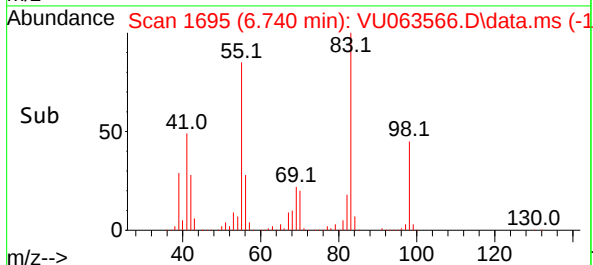
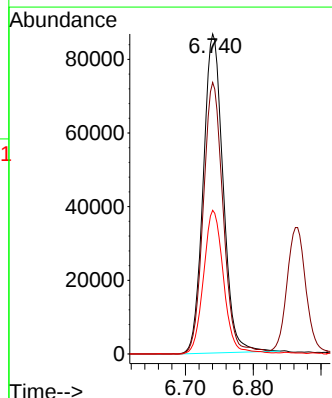
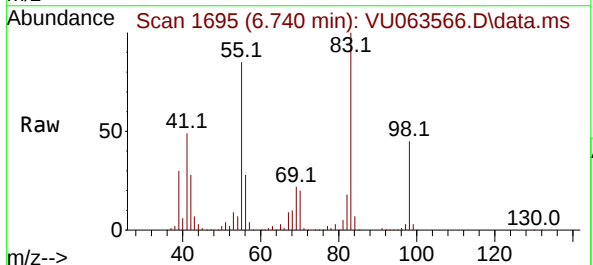
Tgt Ion: 83 Resp: 176074

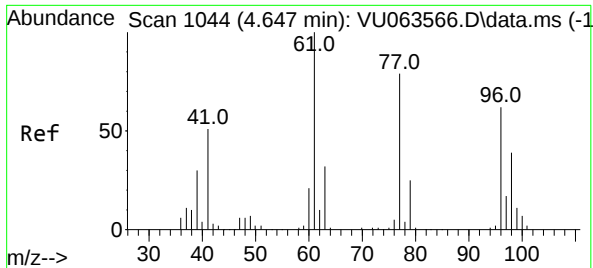
Ion Ratio Lower Upper

83 100

55 83.4 66.7 100.1

98 44.9 35.9 53.9





#21

2,2-Dichloropropane

Concen: 10.483 ug/l

RT: 4.647 min Scan# 1044

Delta R.T. 0.000 min

Lab File: VU063566.D

Acq: 12 Sep 2025 11:34

Instrument :

MSVOA_U

ClientSampleId :

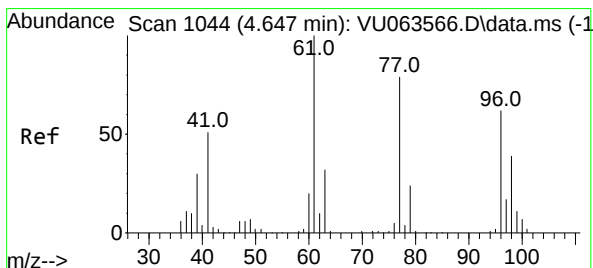
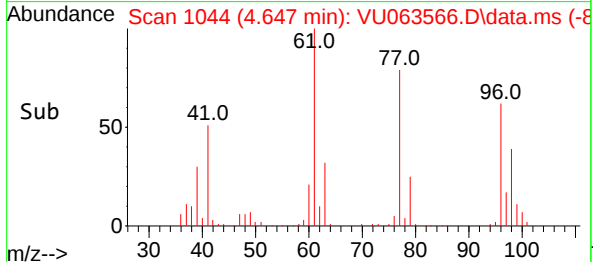
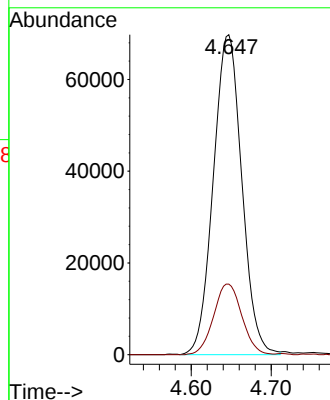
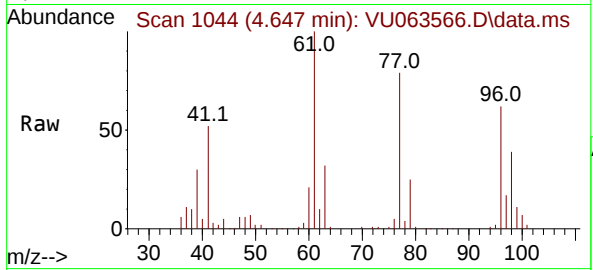
VSTDICCC010

Tgt Ion: 77 Resp: 172558

Ion Ratio Lower Upper

77 100

97 21.9 17.5 26.3



#22

cis-1,2-Dichloroethene

Concen: 10.230 ug/l

RT: 4.647 min Scan# 1044

Delta R.T. 0.000 min

Lab File: VU063566.D

Acq: 12 Sep 2025 11:34

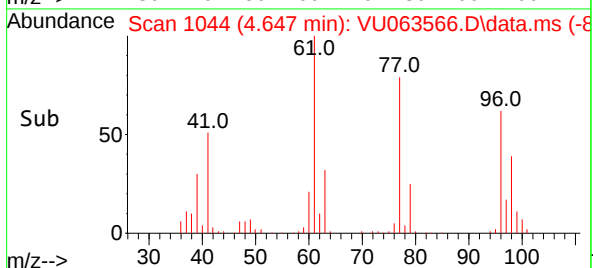
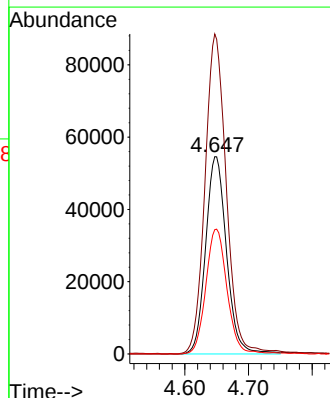
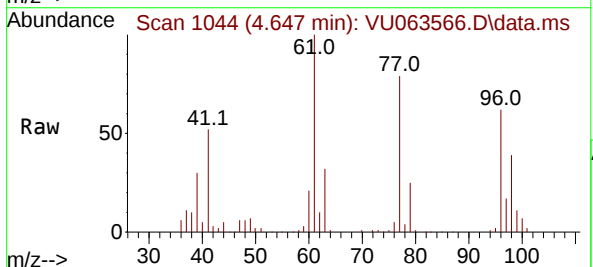
Tgt Ion: 96 Resp: 124668

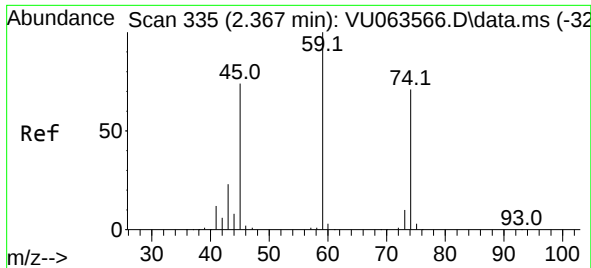
Ion Ratio Lower Upper

96 100

61 164.4 0.0 411.0

98 63.9 31.9 95.9

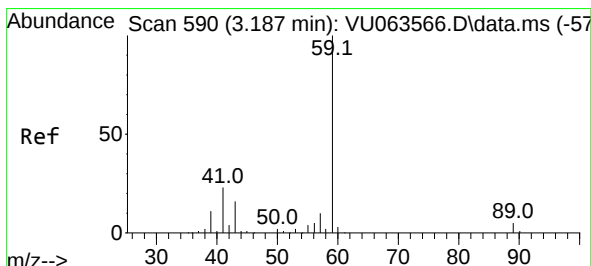
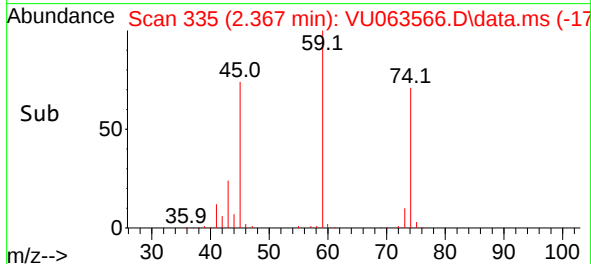
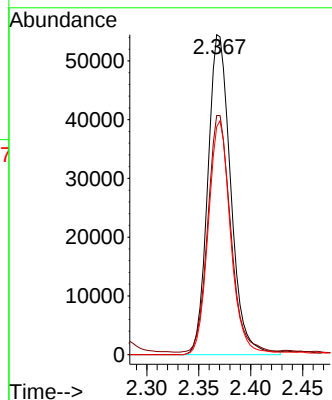
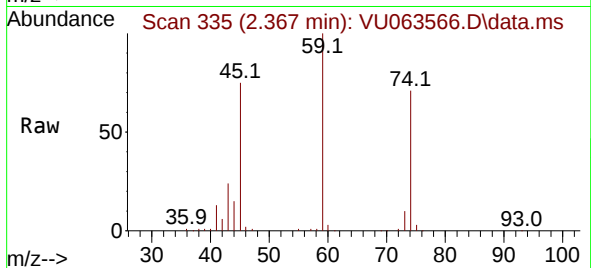




#23
Diethyl Ether
Concen: 11.394 ug/l
RT: 2.367 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU063566.D
Acq: 12 Sep 2025 11:34

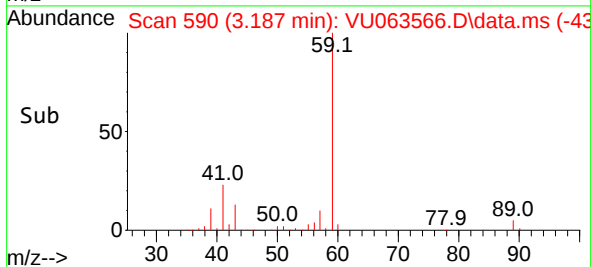
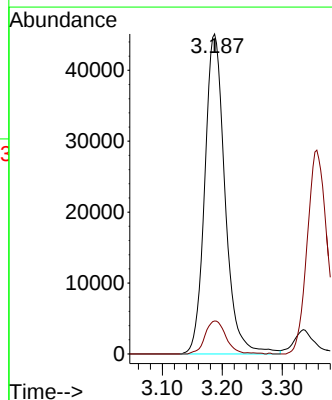
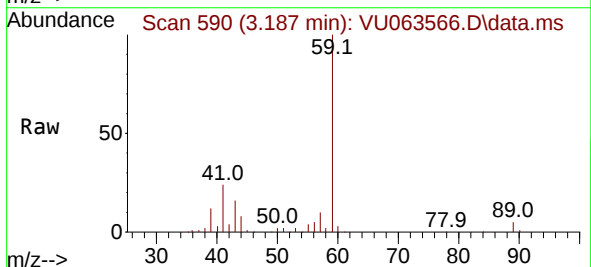
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

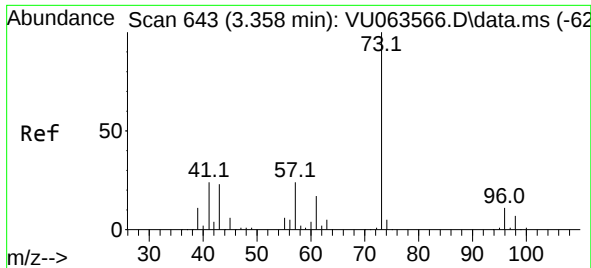
Tgt Ion: 59 Resp: 83462
Ion Ratio Lower Upper
59 100
45 73.8 59.0 88.6
74 72.2 57.8 86.6



#24
tert-Butyl Alcohol
Concen: 110.985 ug/l
RT: 3.187 min Scan# 590
Delta R.T. 0.000 min
Lab File: VU063566.D
Acq: 12 Sep 2025 11:34

Tgt Ion: 59 Resp: 106215
Ion Ratio Lower Upper
59 100
57 10.7 8.6 12.8

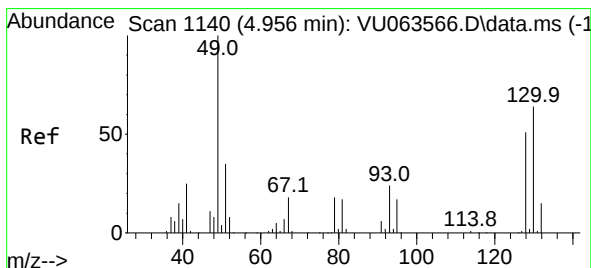
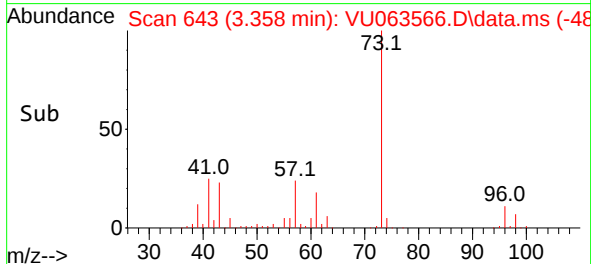
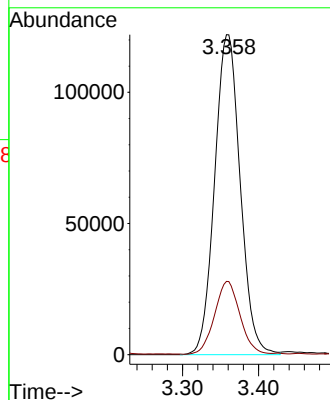
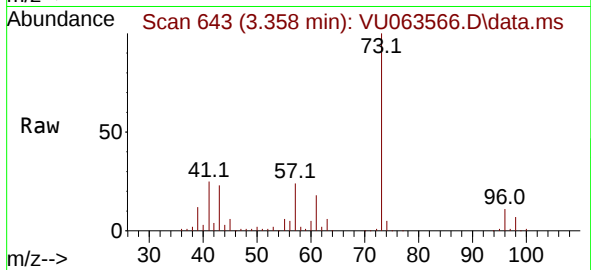




#25
Methyl tert-Butyl Ether
Concen: 11.020 ug/l
RT: 3.358 min Scan# 643
Delta R.T. 0.000 min
Lab File: VU063566.D
Acq: 12 Sep 2025 11:34

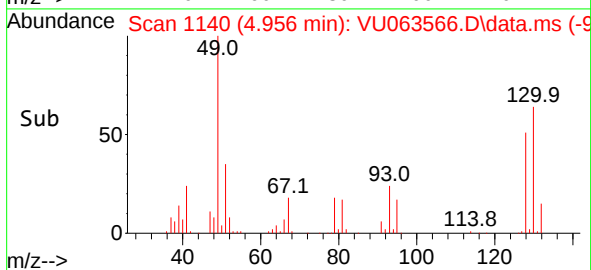
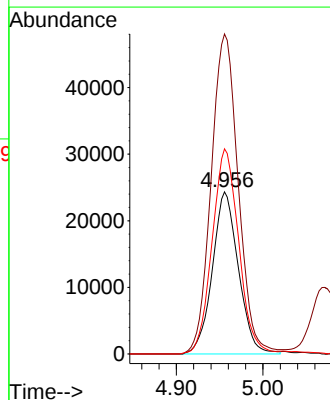
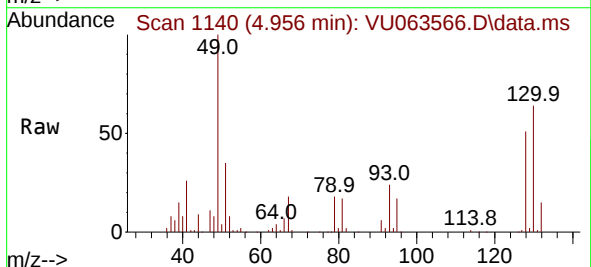
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

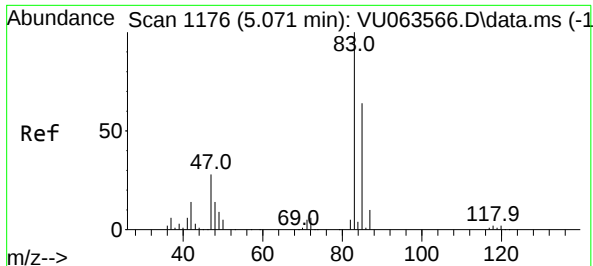
Tgt Ion: 73 Resp: 284747
Ion Ratio Lower Upper
73 100
43 22.6 18.1 27.1



#26
Bromochloromethane
Concen: 9.865 ug/l
RT: 4.956 min Scan# 1140
Delta R.T. 0.000 min
Lab File: VU063566.D
Acq: 12 Sep 2025 11:34

Tgt Ion: 128 Resp: 50782
Ion Ratio Lower Upper
128 100
49 205.1 0.0 410.2
130 129.2 103.4 155.0





#27

Chloroform

Concen: 10.411 ug/l

RT: 5.071 min Scan# 1176

Delta R.T. 0.000 min

Lab File: VU063566.D

Acq: 12 Sep 2025 11:34

Instrument :

MSVOA_U

ClientSampleId :

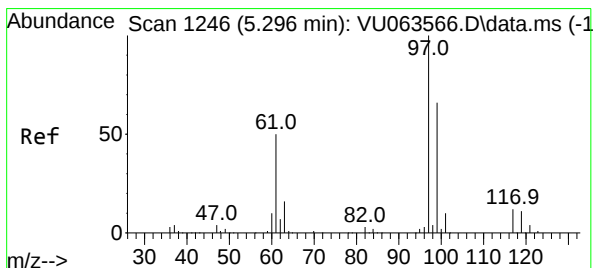
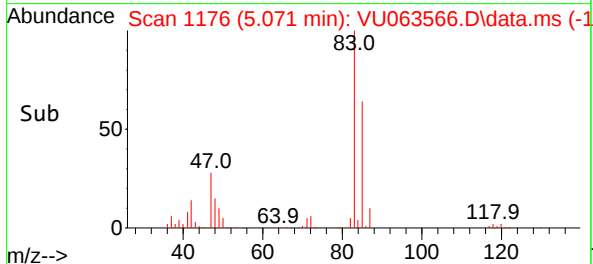
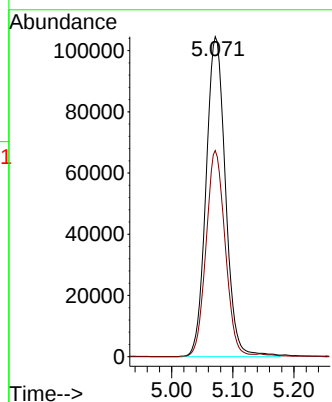
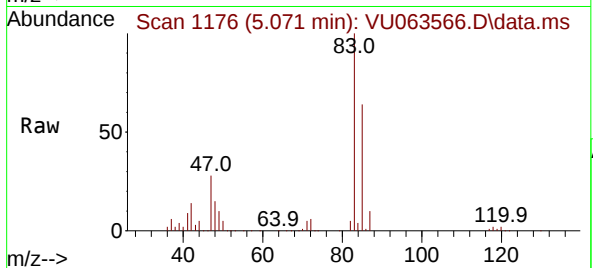
VSTDICCC010

Tgt Ion: 83 Resp: 230768

Ion Ratio Lower Upper

83 100

85 64.3 0.0 128.6



#28

1,1,1-Trichloroethane

Concen: 10.423 ug/l

RT: 5.296 min Scan# 1246

Delta R.T. 0.000 min

Lab File: VU063566.D

Acq: 12 Sep 2025 11:34

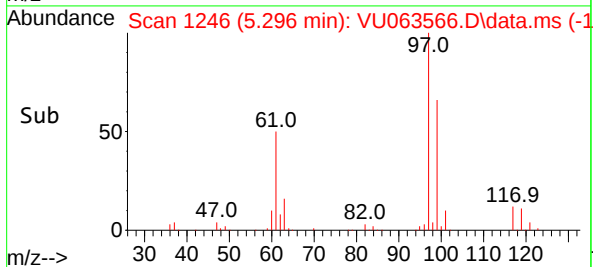
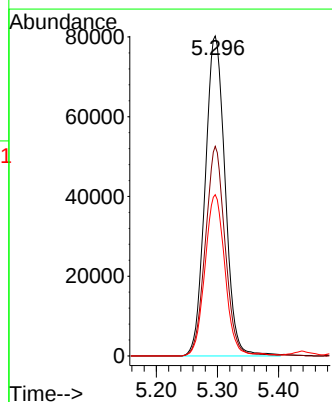
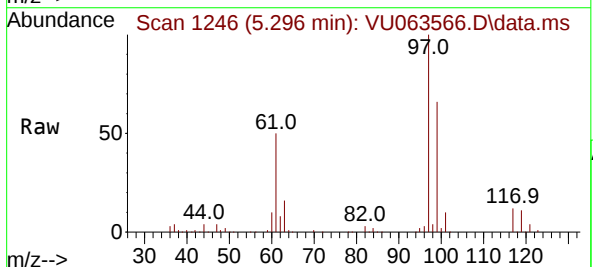
Tgt Ion: 97 Resp: 182104

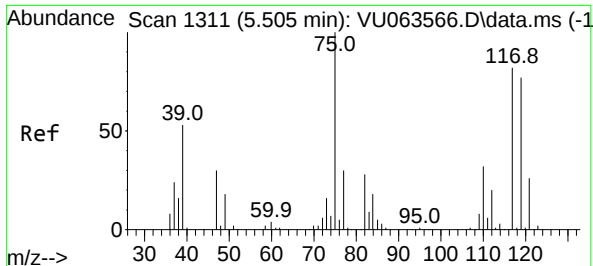
Ion Ratio Lower Upper

97 100

99 64.7 32.4 97.0

61 50.3 25.1 75.4

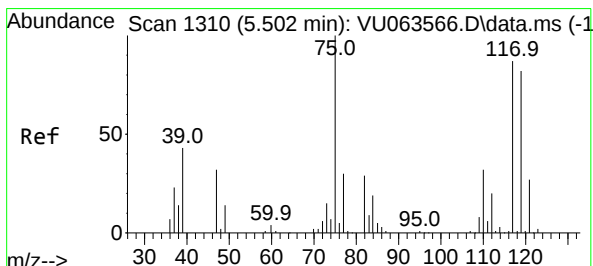
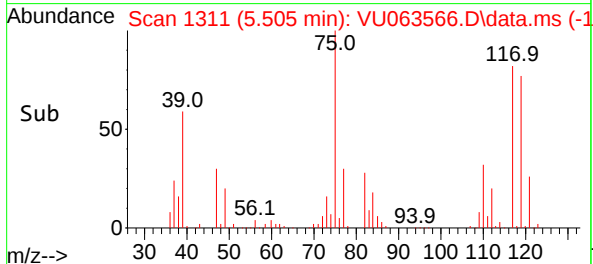
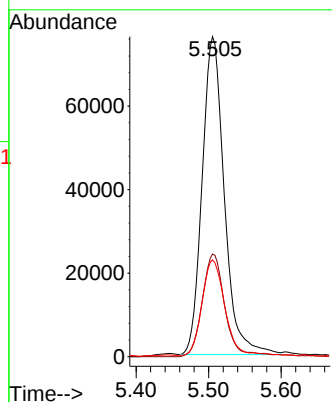
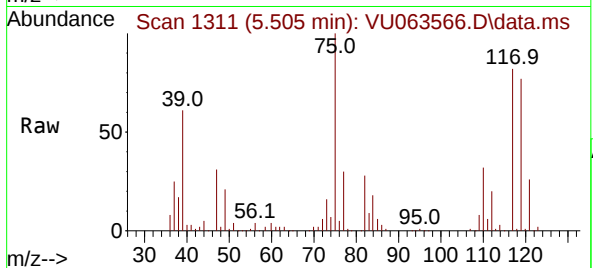




#29
1,1-Dichloropropene
Concen: 10.640 ug/l
RT: 5.505 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VU063566.D
Acq: 12 Sep 2025 11:34

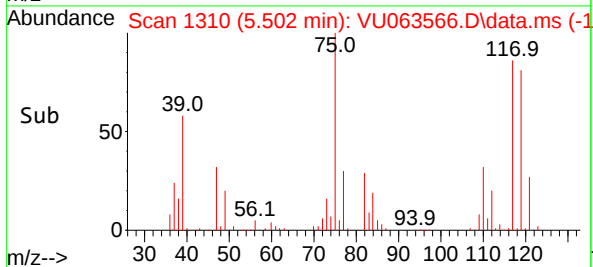
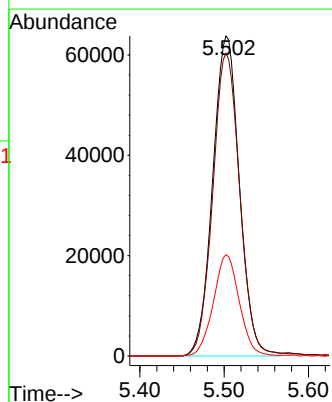
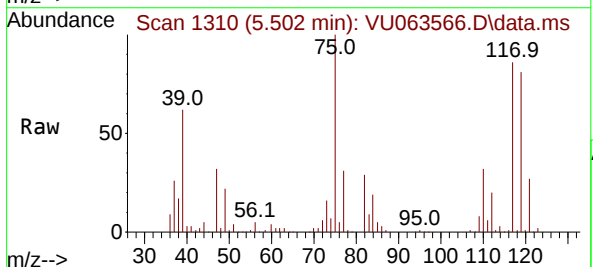
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

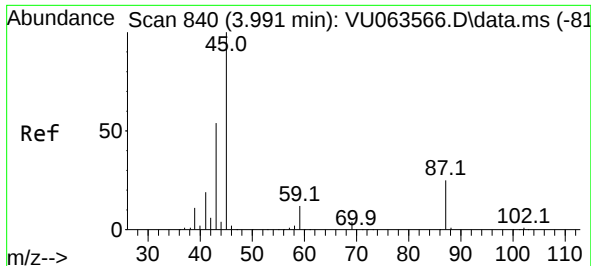
Tgt Ion: 75 Resp: 161499
Ion Ratio Lower Upper
75 100
110 32.9 16.4 49.4
77 30.8 24.6 37.0



#30
Carbon Tetrachloride
Concen: 10.515 ug/l
RT: 5.502 min Scan# 1310
Delta R.T. 0.000 min
Lab File: VU063566.D
Acq: 12 Sep 2025 11:34

Tgt Ion: 117 Resp: 140247
Ion Ratio Lower Upper
117 100
119 94.6 75.7 113.5
121 31.7 25.4 38.0

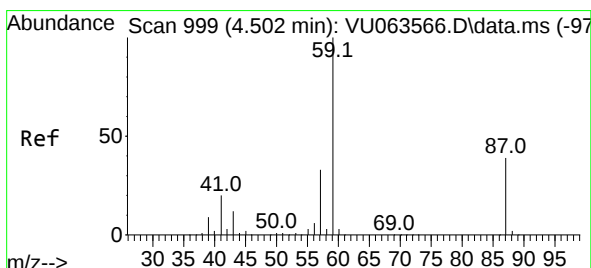
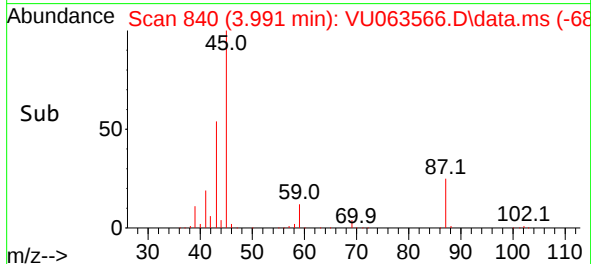
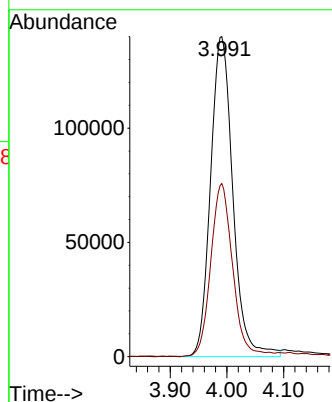
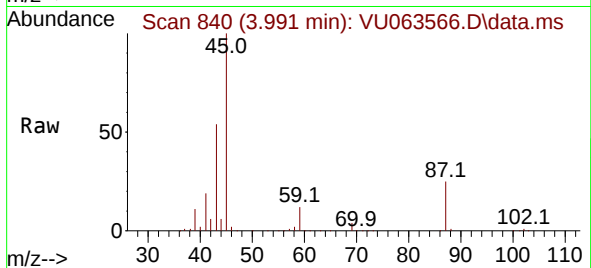




#31
Isopropyl Ether
Concen: 12.487 ug/l
RT: 3.991 min Scan# 840
Delta R.T. 0.000 min
Lab File: VU063566.D
Acq: 12 Sep 2025 11:34

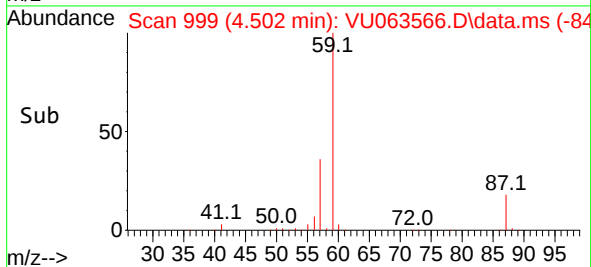
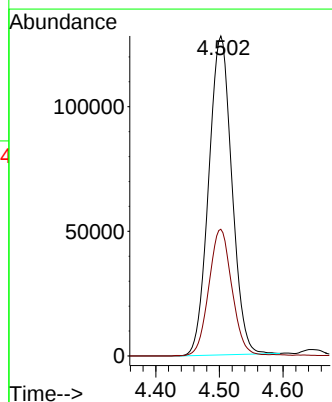
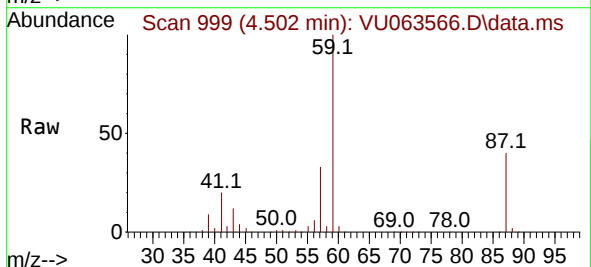
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

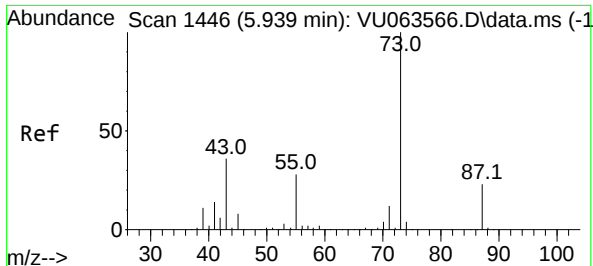
Tgt Ion: 45 Resp: 383456
Ion Ratio Lower Upper
45 100
43 52.4 26.2 78.6



#32
Ethyl-t-butyl ether
Concen: 11.244 ug/l
RT: 4.502 min Scan# 999
Delta R.T. 0.000 min
Lab File: VU063566.D
Acq: 12 Sep 2025 11:34

Tgt Ion: 59 Resp: 323548
Ion Ratio Lower Upper
59 100
87 39.0 31.2 46.8

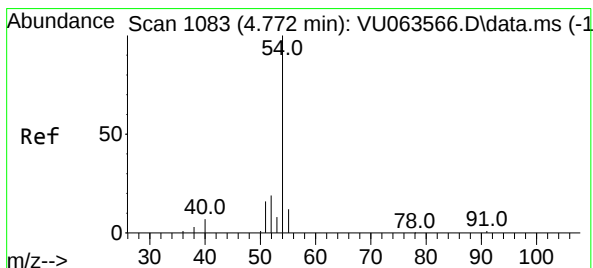
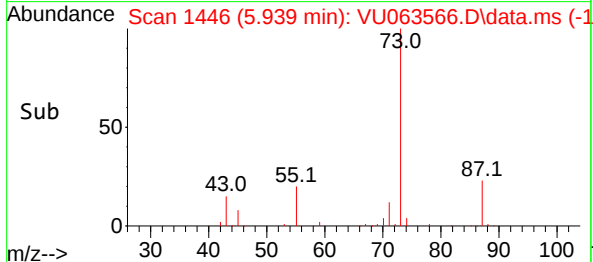
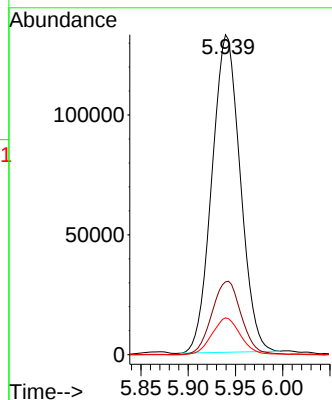
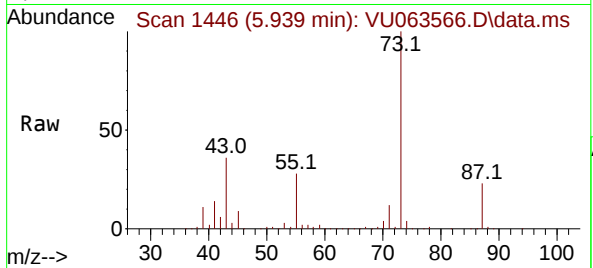




#33
Tert-Amyl methyl ether
Concen: 10.615 ug/l
RT: 5.939 min Scan# 1446
Delta R.T. 0.000 min
Lab File: VU063566.D
Acq: 12 Sep 2025 11:34

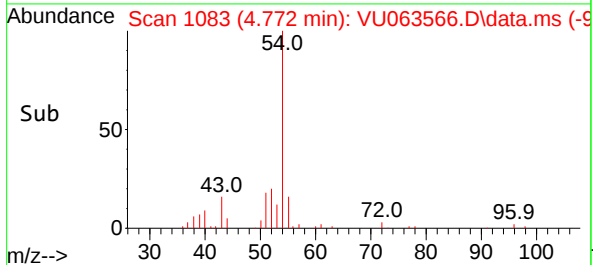
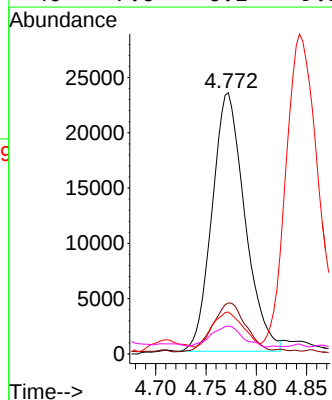
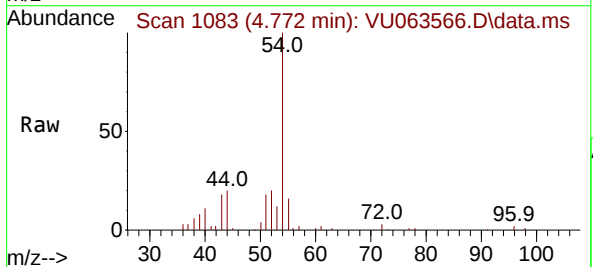
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

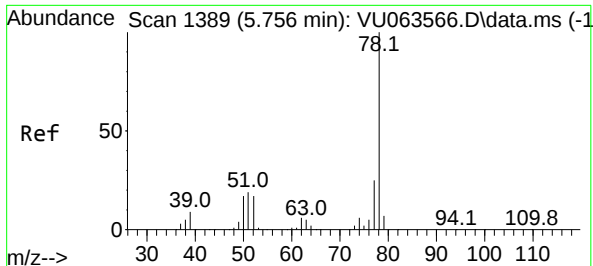
Tgt Ion: 73 Resp: 275932
Ion Ratio Lower Upper
73 100
87 23.8 19.0 28.6
71 11.8 9.4 14.2



#34
Propionitrile
Concen: 56.570 ug/l
RT: 4.772 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VU063566.D
Acq: 12 Sep 2025 11:34

Tgt Ion: 54 Resp: 53019
Ion Ratio Lower Upper
54 100
52 19.0 15.2 22.8
55 14.6 11.7 17.5
40 7.6 6.1 9.1





#35

Benzene

Concen: 10.719 ug/l

RT: 5.756 min Scan# 1389

Delta R.T. 0.000 min

Lab File: VU063566.D

Acq: 12 Sep 2025 11:34

Instrument :

MSVOA_U

ClientSampleId :

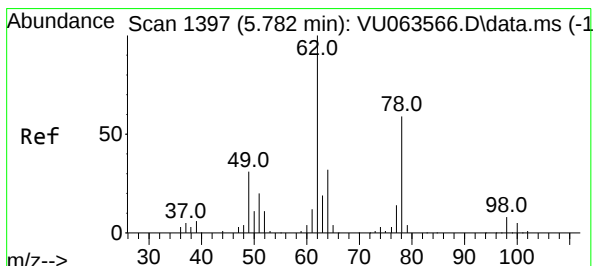
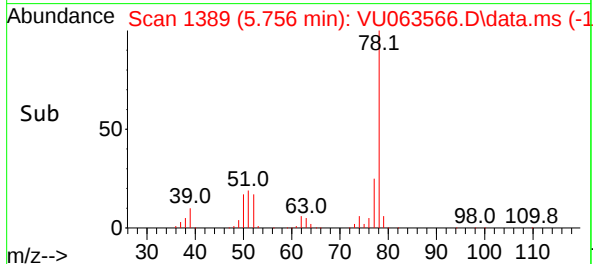
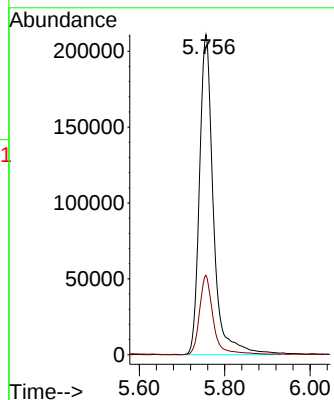
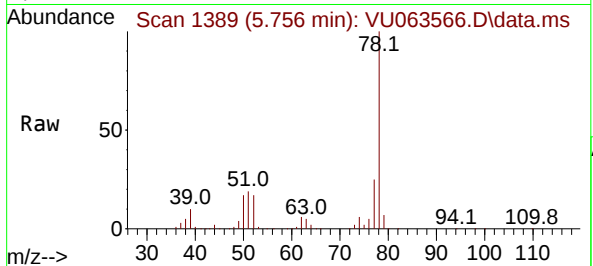
VSTDICCC010

Tgt Ion: 78 Resp: 478552

Ion Ratio Lower Upper

78 100

77 24.8 19.8 29.8



#36

1,2-Dichloroethane

Concen: 11.005 ug/l

RT: 5.782 min Scan# 1397

Delta R.T. 0.000 min

Lab File: VU063566.D

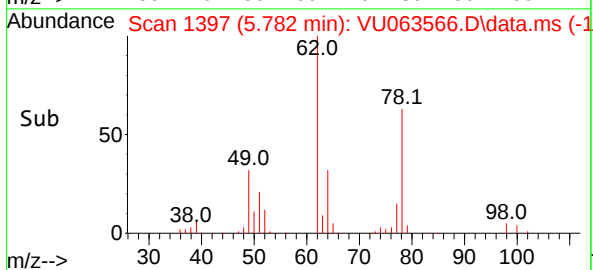
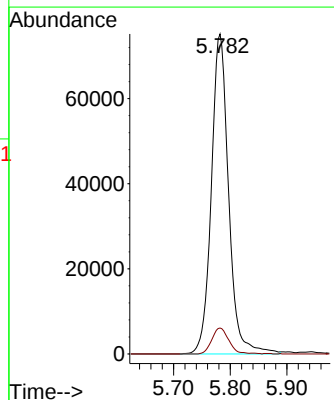
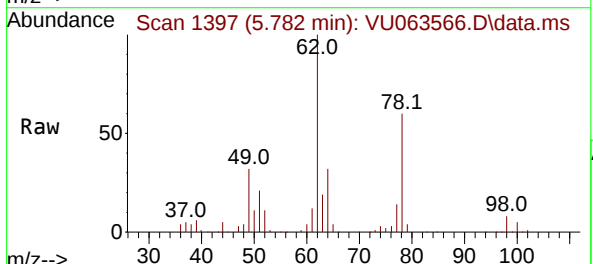
Acq: 12 Sep 2025 11:34

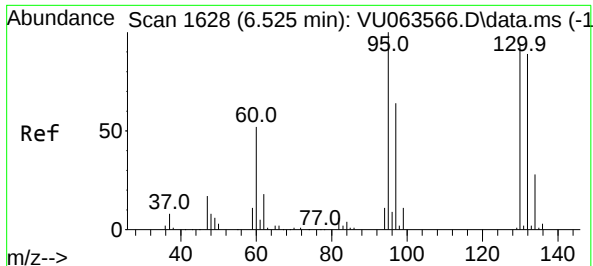
Tgt Ion: 62 Resp: 159273

Ion Ratio Lower Upper

62 100

98 7.9 6.3 9.5





#37

Trichloroethene

Concen: 10.383 ug/l

RT: 6.525 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU063566.D

Acq: 12 Sep 2025 11:34

Instrument :

MSVOA_U

ClientSampleId :

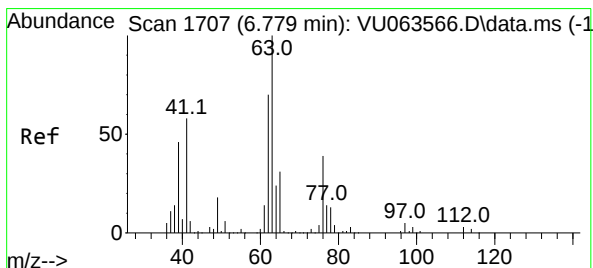
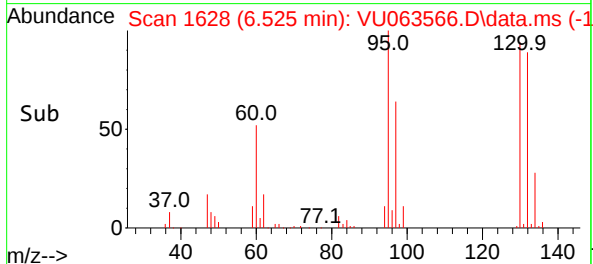
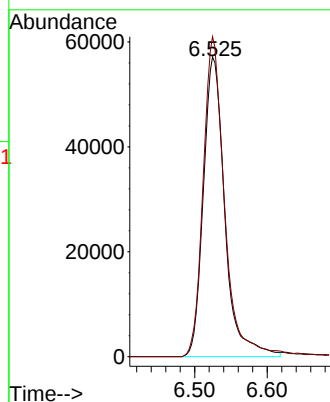
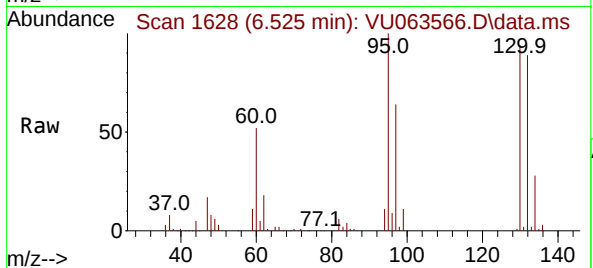
VSTDICCC010

Tgt Ion:130 Resp: 117476

Ion Ratio Lower Upper

130 100

95 106.8 85.4 128.2



#38

1,2-Dichloropropane

Concen: 13.160 ug/l

RT: 6.779 min Scan# 1707

Delta R.T. 0.000 min

Lab File: VU063566.D

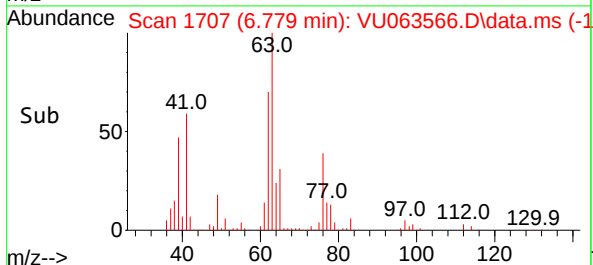
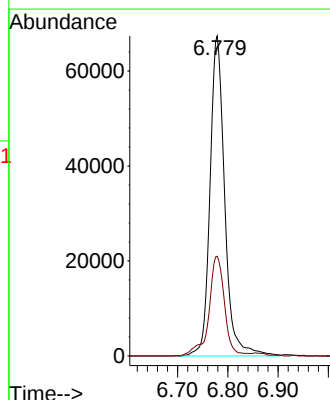
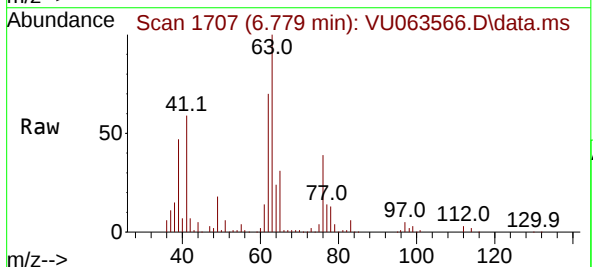
Acq: 12 Sep 2025 11:34

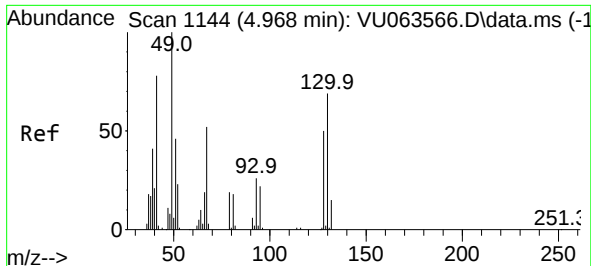
Tgt Ion: 63 Resp: 137231

Ion Ratio Lower Upper

63 100

65 31.1 24.9 37.3





#39

Methacrylonitrile

Concen: 11.711 ug/l

RT: 4.968 min Scan# 1144

Delta R.T. 0.000 min

Lab File: VU063566.D

Acq: 12 Sep 2025 11:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 41 Resp: 46618

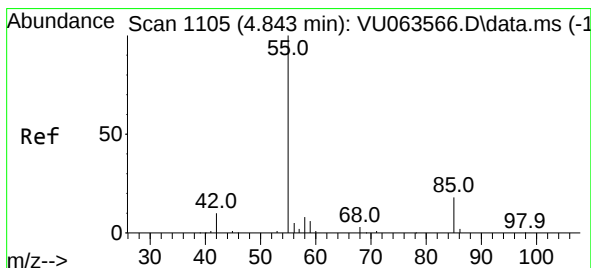
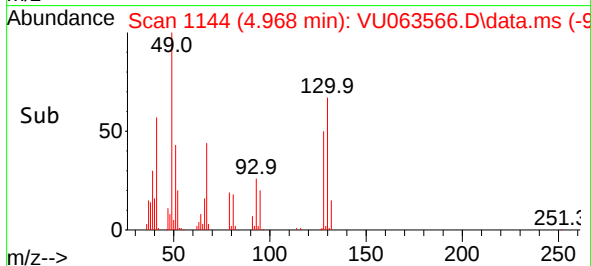
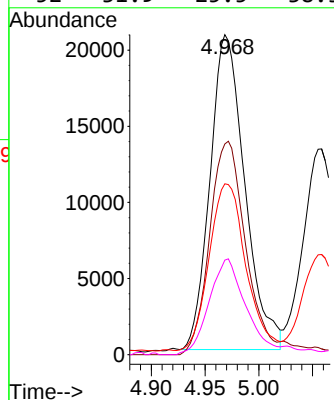
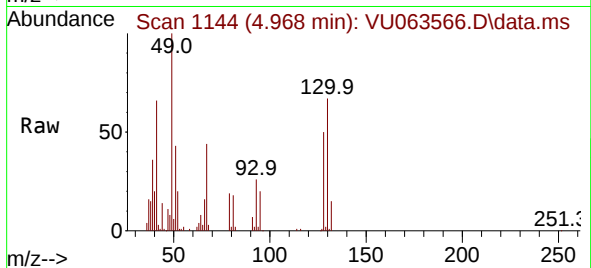
Ion Ratio Lower Upper

41 100

67 72.1 57.7 86.5

39 55.8 44.6 67.0

52 31.9 25.5 38.3



#40

Methyl acrylate

Concen: 11.082 ug/l

RT: 4.843 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VU063566.D

Acq: 12 Sep 2025 11:34

Tgt Ion: 55 Resp: 67469

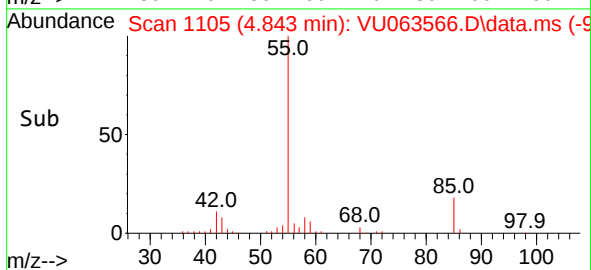
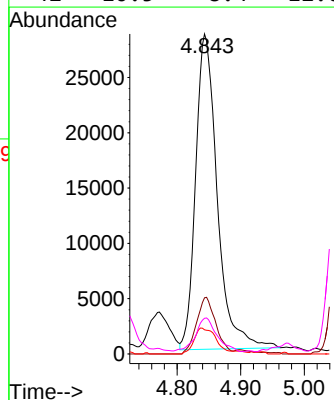
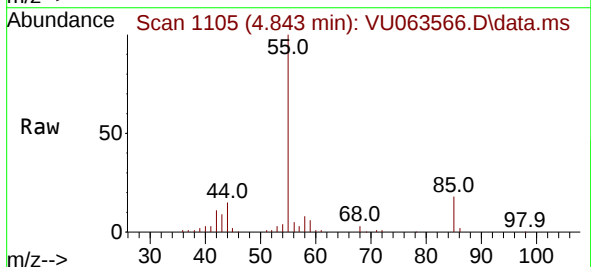
Ion Ratio Lower Upper

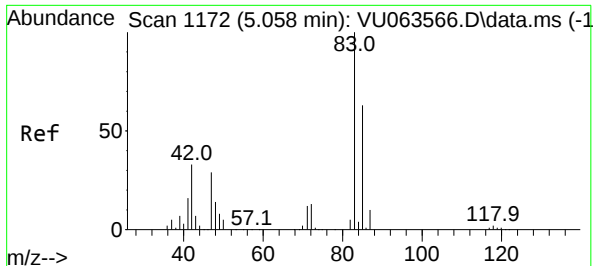
55 100

85 16.0 12.8 19.2

58 8.3 6.6 10.0

42 10.5 8.4 12.6





#41

Tetrahydrofuran

Concen: 23.044 ug/l

RT: 5.058 min Scan# 1172

Delta R.T. 0.000 min

Lab File: VU063566.D

Acq: 12 Sep 2025 11:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

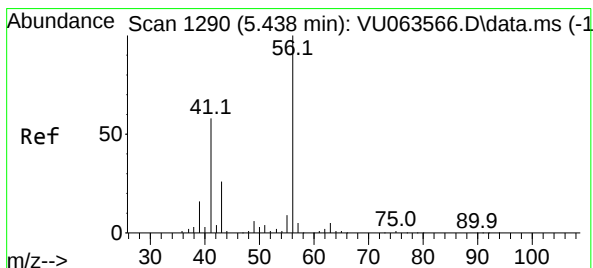
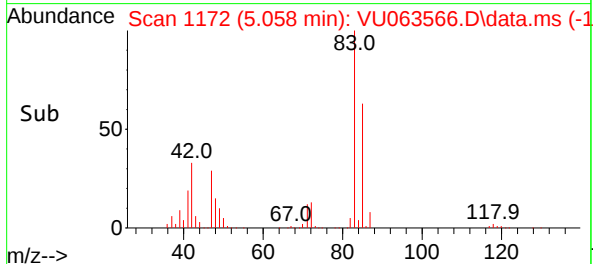
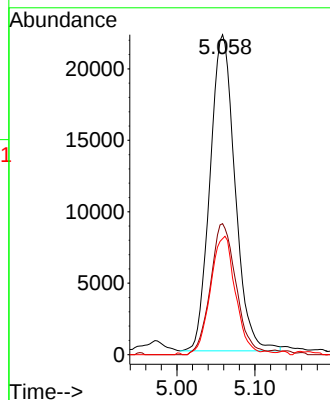
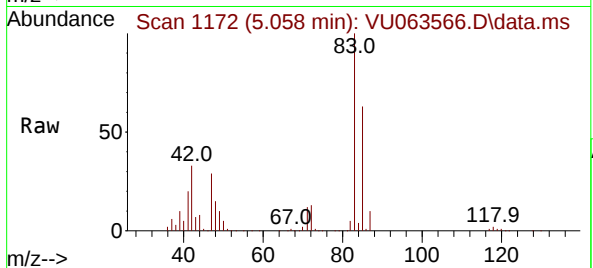
Tgt Ion: 42 Resp: 49321

Ion Ratio Lower Upper

42 100

72 42.6 34.1 51.1

71 37.4 29.9 44.9



#42

1-Chlorobutane

Concen: 11.888 ug/l

RT: 5.438 min Scan# 1290

Delta R.T. 0.000 min

Lab File: VU063566.D

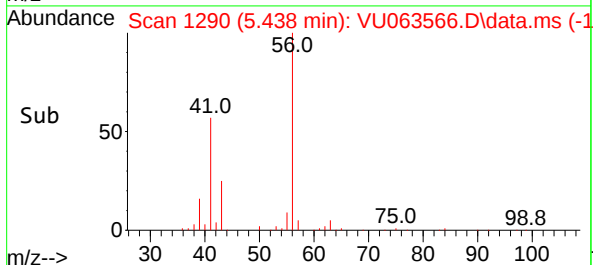
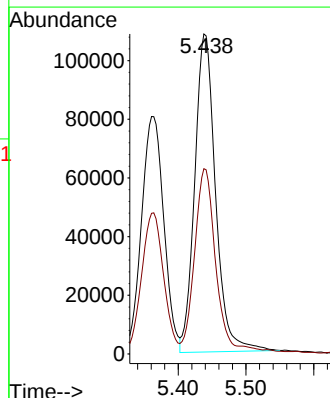
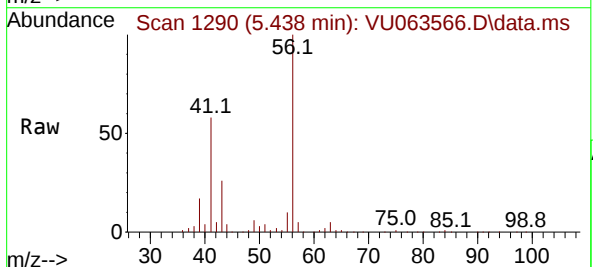
Acq: 12 Sep 2025 11:34

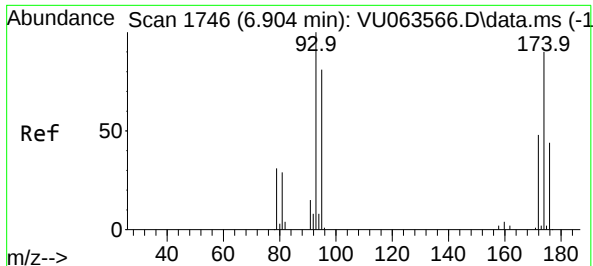
Tgt Ion: 56 Resp: 231916

Ion Ratio Lower Upper

56 100

41 56.6 28.3 84.9

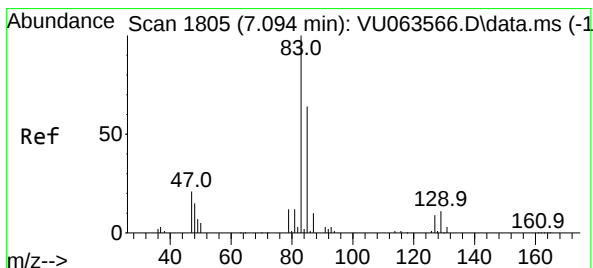
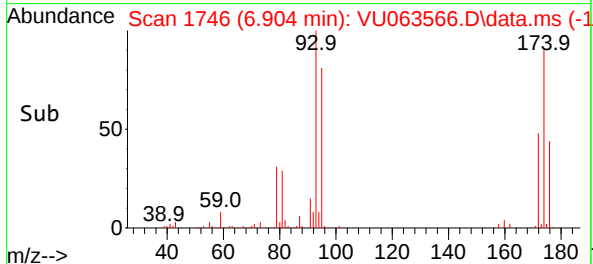
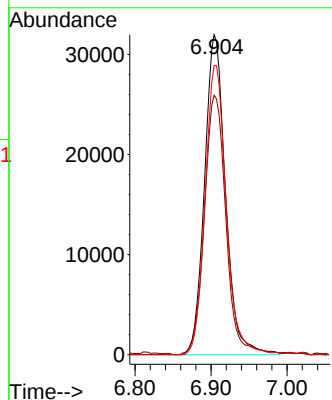
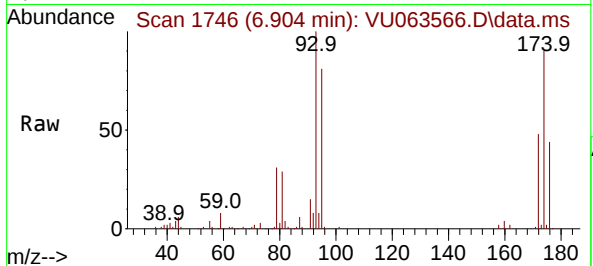




#43
Dibromomethane
Concen: 11.395 ug/l
RT: 6.904 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VU063566.D
Acq: 12 Sep 2025 11:34

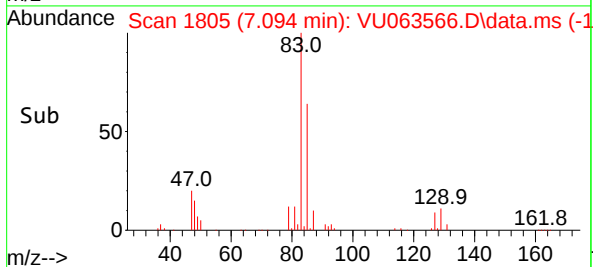
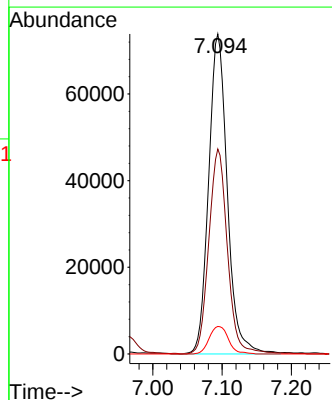
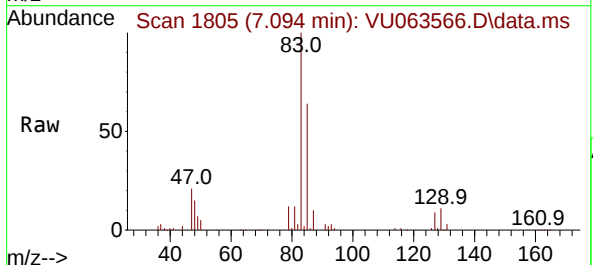
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

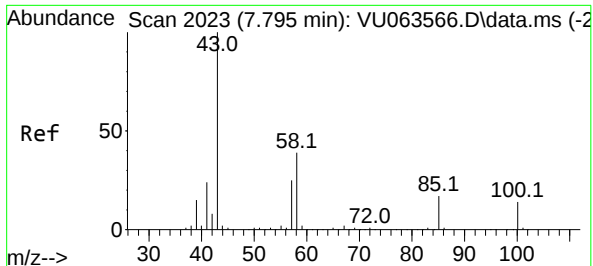
Tgt Ion: 93 Resp: 61322
Ion Ratio Lower Upper
93 100
95 83.3 66.6 100.0
174 90.9 72.7 109.1



#44
Bromodichloromethane
Concen: 12.109 ug/l
RT: 7.094 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VU063566.D
Acq: 12 Sep 2025 11:34

Tgt Ion: 83 Resp: 138214
Ion Ratio Lower Upper
83 100
85 64.0 51.2 76.8
127 8.6 6.9 10.3

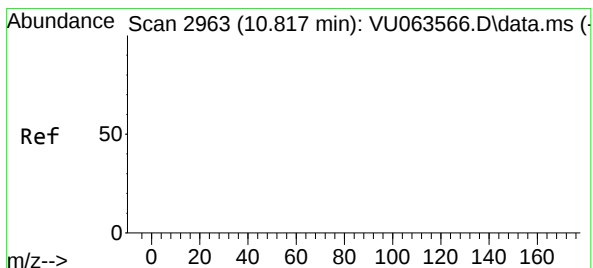
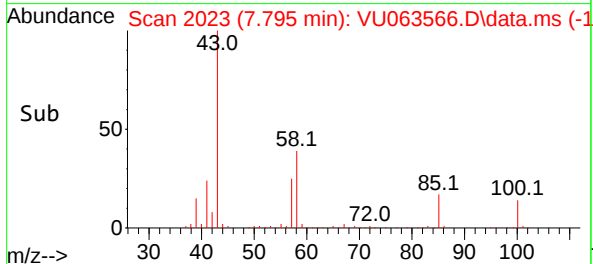
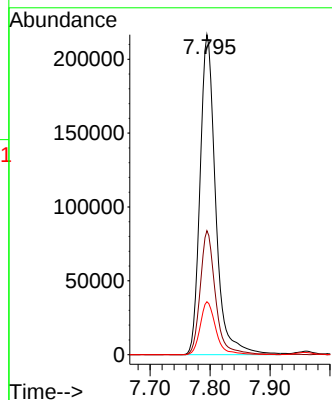
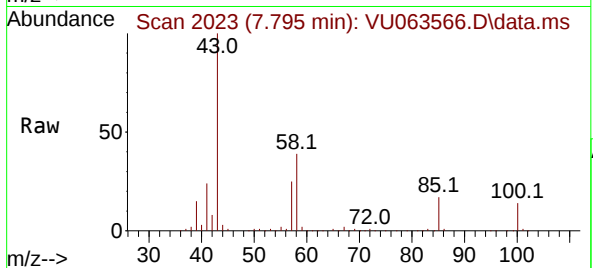




#45
4-Methyl-2-Pentanone
Concen: 74.276 ug/l
RT: 7.795 min Scan# 2023
Delta R.T. 0.000 min
Lab File: VU063566.D
Acq: 12 Sep 2025 11:34

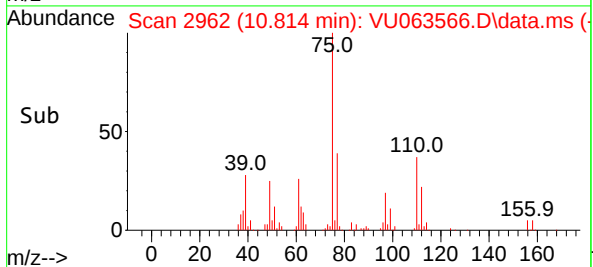
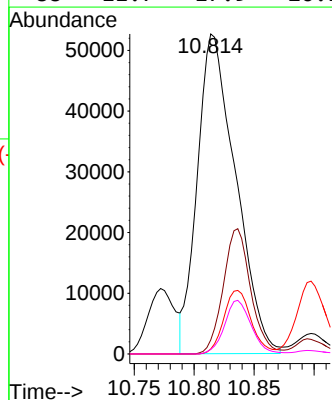
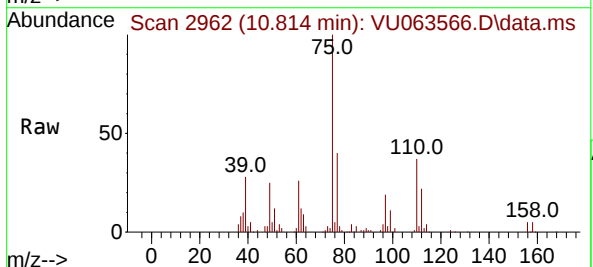
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

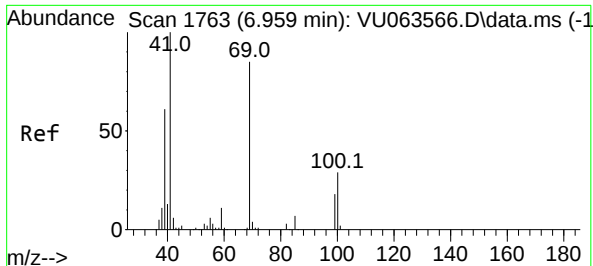
Tgt Ion: 43 Resp: 392902
Ion Ratio Lower Upper
43 100
58 37.9 18.9 56.9
85 16.6 13.3 19.9



#46
t-1,4-Dichloro-2-butene
Concen: 48.317 ug/l
RT: 10.814 min Scan# 2962
Delta R.T. -0.003 min
Lab File: VU063566.D
Acq: 12 Sep 2025 11:34

Tgt Ion: 75 Resp: 117030
Ion Ratio Lower Upper
75 100
53 28.2 43.2 64.8#
89 14.3 21.9 32.9#
88 11.7 17.9 26.9#





#47

Methyl methacrylate

Concen: 24.266 ug/l

RT: 6.959 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU063566.D

Acq: 12 Sep 2025 11:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 69 Resp: 111849

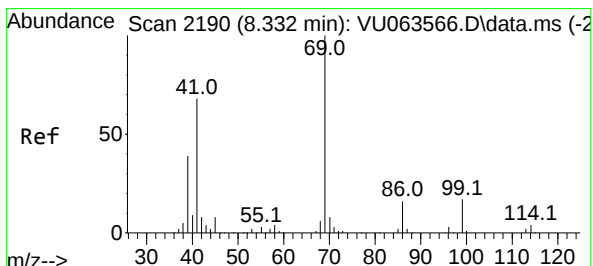
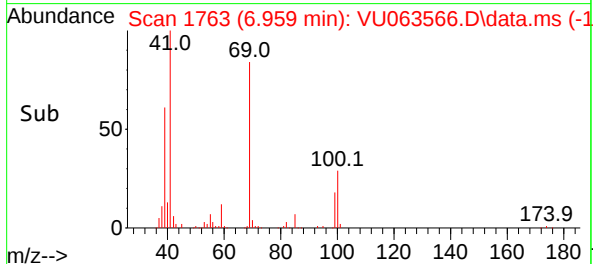
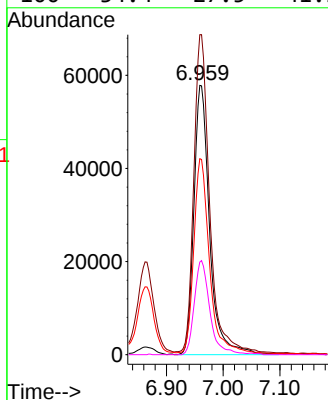
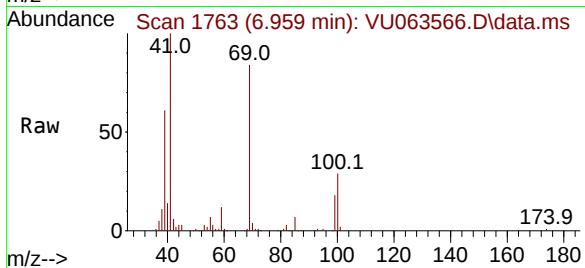
Ion Ratio Lower Upper

69 100

41 118.4 0.0 236.8

39 72.2 57.8 86.6

100 34.4 27.5 41.3



#48

Ethyl methacrylate

Concen: 13.828 ug/l

RT: 8.332 min Scan# 2190

Delta R.T. 0.000 min

Lab File: VU063566.D

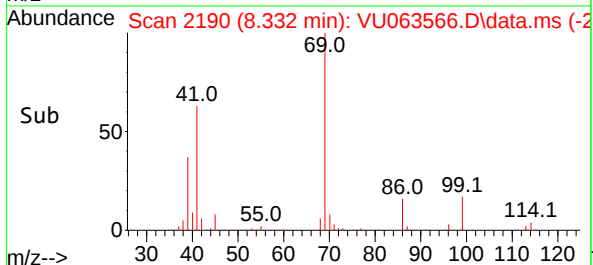
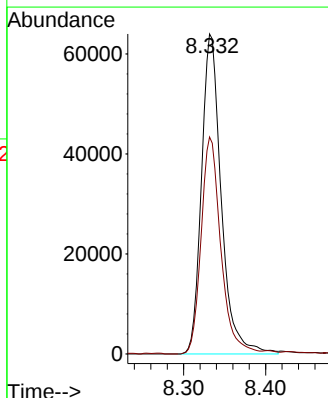
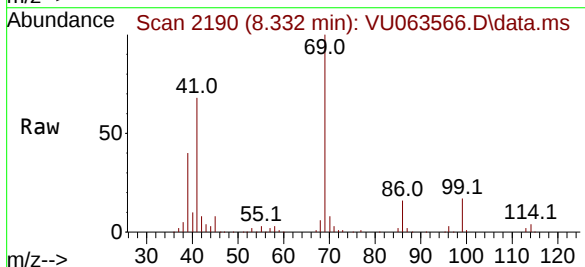
Acq: 12 Sep 2025 11:34

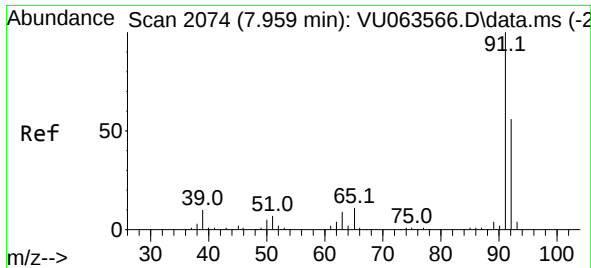
Tgt Ion: 69 Resp: 107177

Ion Ratio Lower Upper

69 100

41 67.4 33.7 101.1

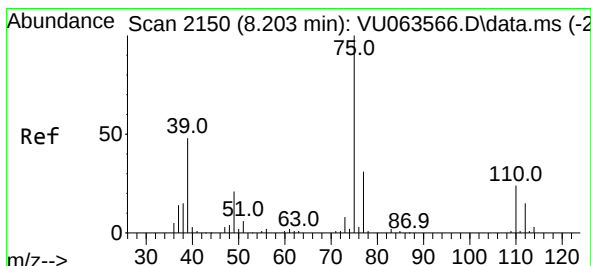
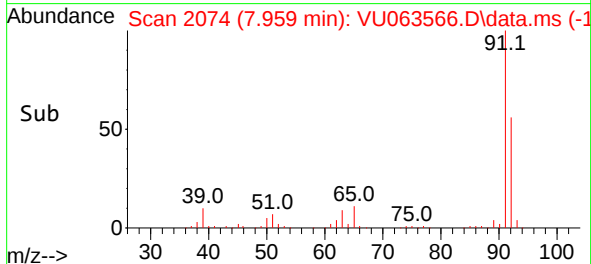
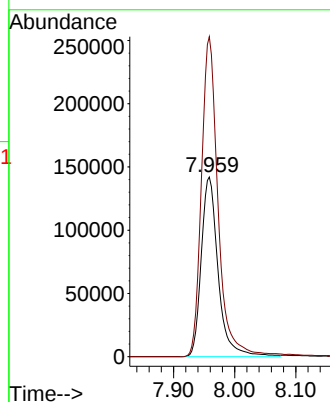
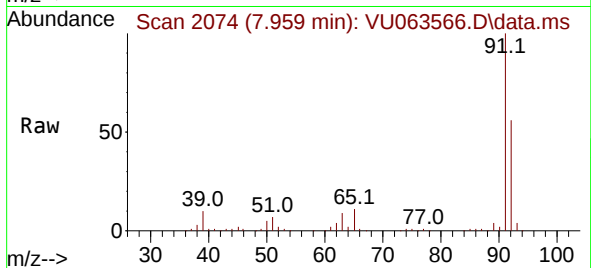




#49
Toluene
Concen: 13.265 ug/l
RT: 7.959 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VU063566.D
Acq: 12 Sep 2025 11:34

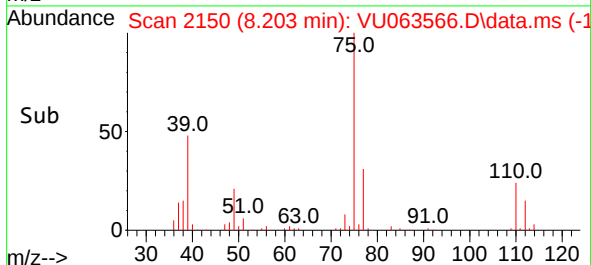
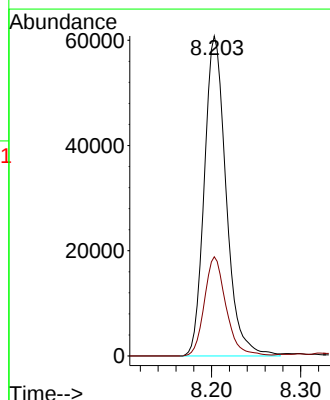
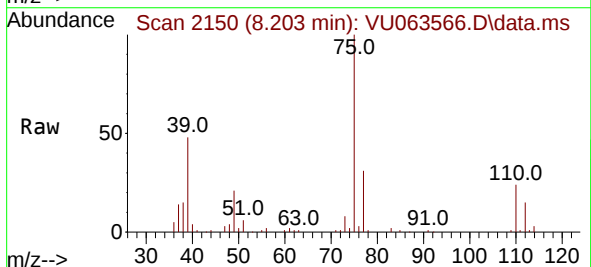
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

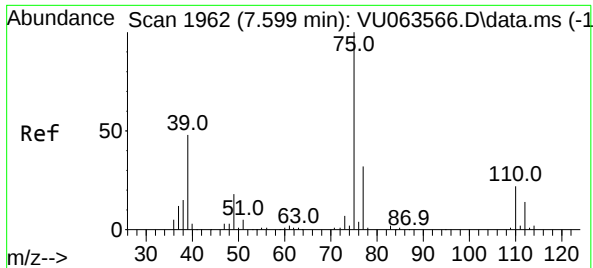
Tgt Ion: 92 Resp: 273385
Ion Ratio Lower Upper
92 100
91 174.3 139.4 209.2



#50
t-1,3-Dichloropropene
Concen: 12.904 ug/l
RT: 8.203 min Scan# 2150
Delta R.T. 0.000 min
Lab File: VU063566.D
Acq: 12 Sep 2025 11:34

Tgt Ion: 75 Resp: 103288
Ion Ratio Lower Upper
75 100
77 31.0 24.8 37.2

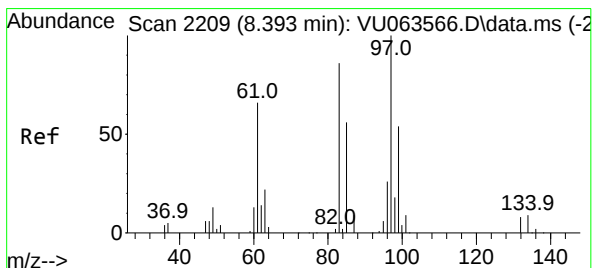
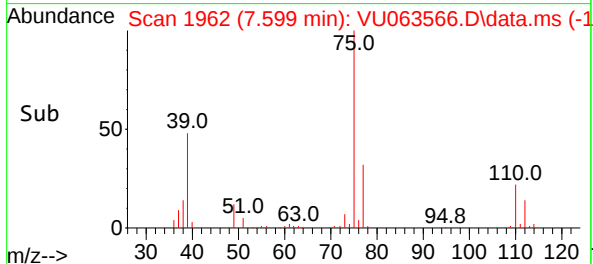
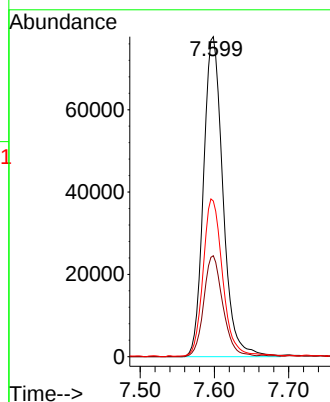
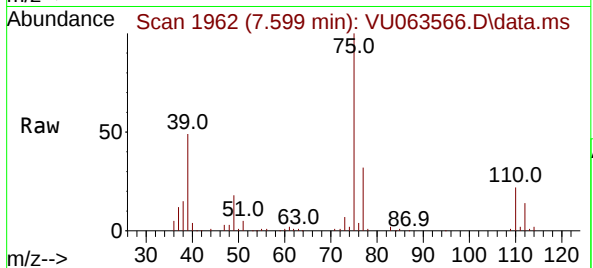




#51
 cis-1,3-Dichloropropene
 Concen: 13.589 ug/l
 RT: 7.599 min Scan# 1962
 Delta R.T. 0.000 min
 Lab File: VU063566.D
 Acq: 12 Sep 2025 11:34

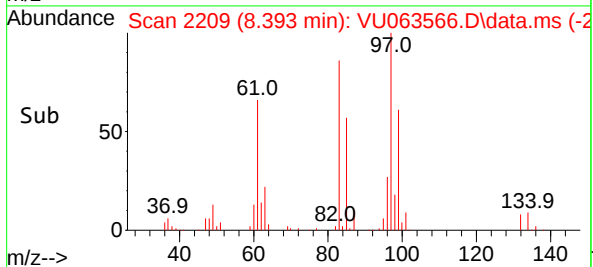
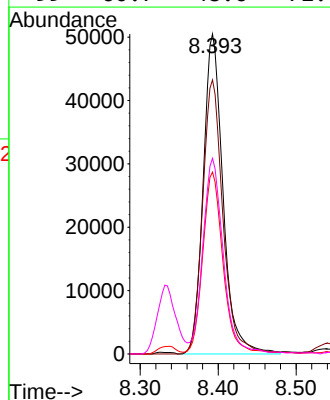
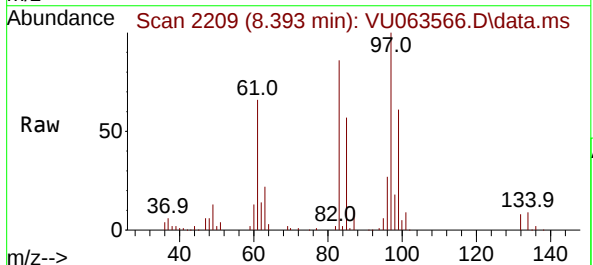
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

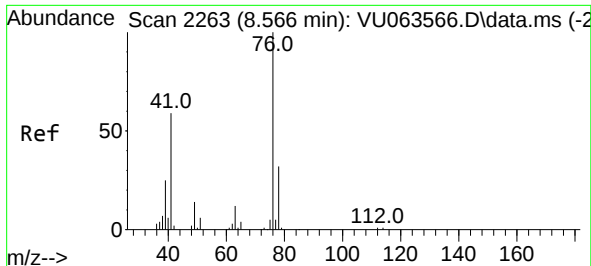
Tgt Ion:	75	Resp:	141312
Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.2	37.8
39	48.5	38.8	58.2



#52
 1,1,2-Trichloroethane
 Concen: 12.592 ug/l
 RT: 8.393 min Scan# 2209
 Delta R.T. 0.000 min
 Lab File: VU063566.D
 Acq: 12 Sep 2025 11:34

Tgt Ion:	97	Resp:	89123
Ion	Ratio	Lower	Upper
97	100		
83	85.6	68.5	102.7
85	56.3	45.0	67.6
99	60.7	48.6	72.8





#53

1,3-Dichloropropane

Concen: 13.004 ug/l

RT: 8.566 min Scan# 2263

Delta R.T. 0.000 min

Lab File: VU063566.D

Acq: 12 Sep 2025 11:34

Instrument :

MSVOA_U

ClientSampleId :

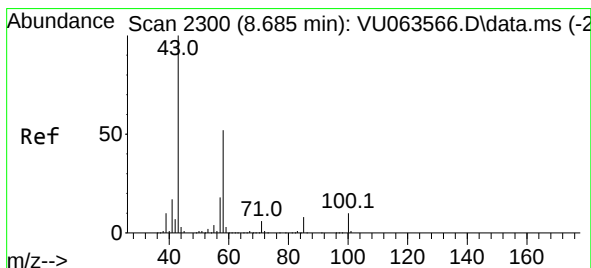
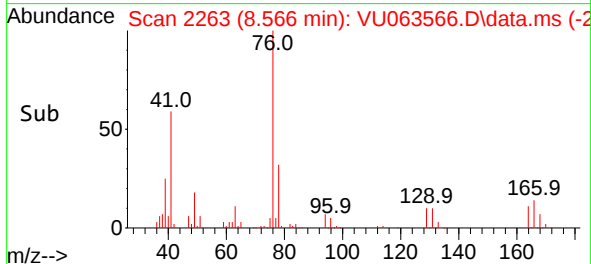
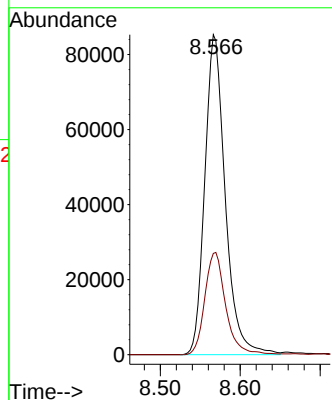
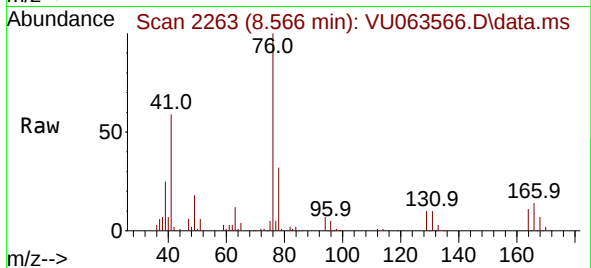
VSTDICCC010

Tgt Ion: 76 Resp: 151769

Ion Ratio Lower Upper

76 100

78 32.7 26.2 39.2



#54

2-Hexanone

Concen: 64.646 ug/l

RT: 8.685 min Scan# 2300

Delta R.T. 0.000 min

Lab File: VU063566.D

Acq: 12 Sep 2025 11:34

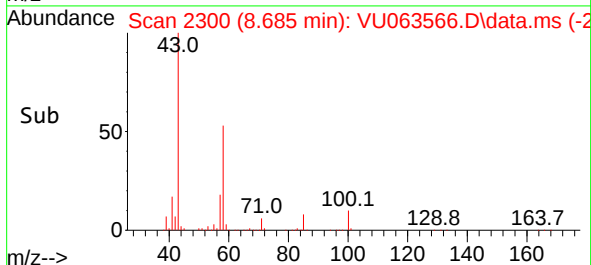
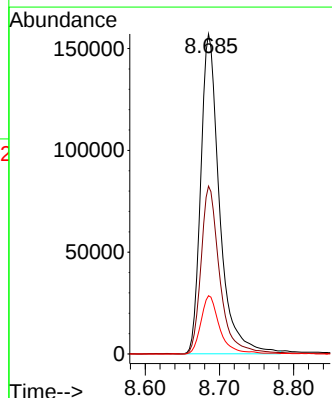
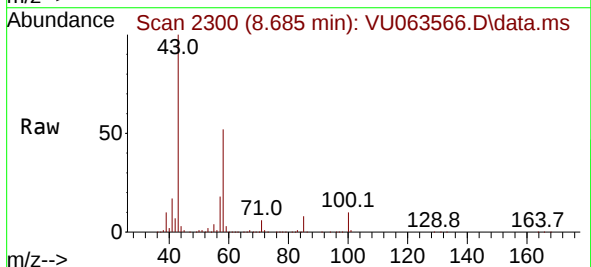
Tgt Ion: 43 Resp: 276096

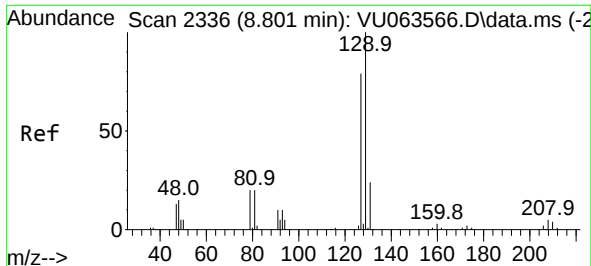
Ion Ratio Lower Upper

43 100

58 52.7 32.7 72.7

57 18.2 0.0 38.2

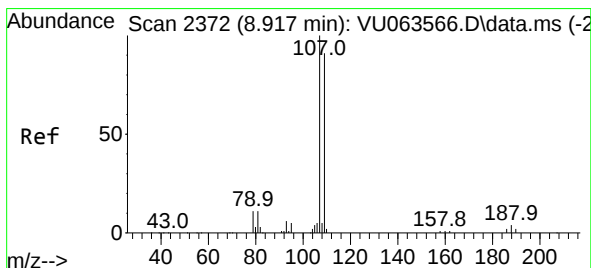
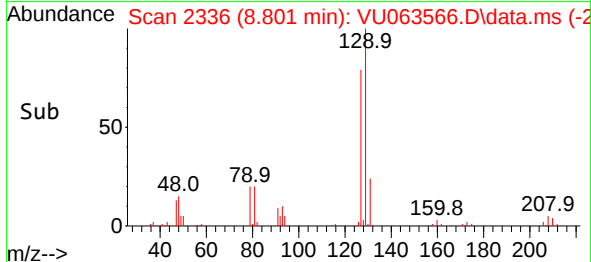
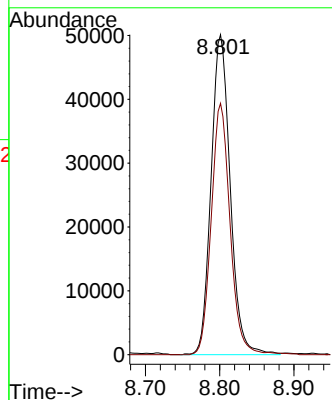
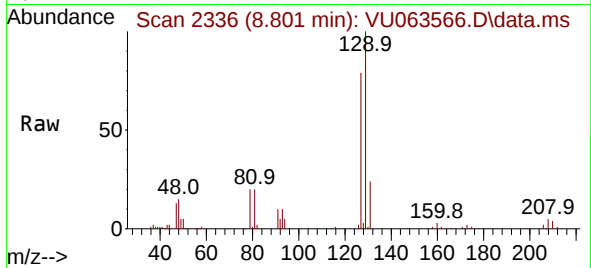




#55
Dibromochloromethane
Concen: 13.209 ug/l
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU063566.D
Acq: 12 Sep 2025 11:34

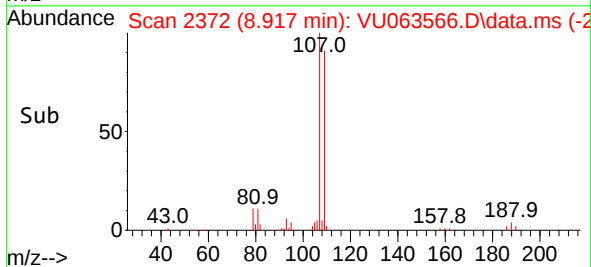
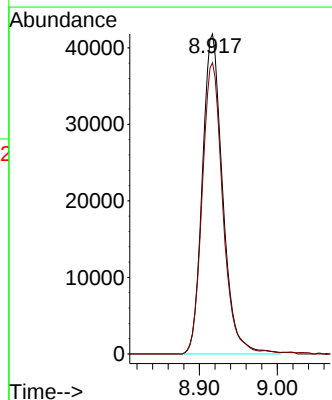
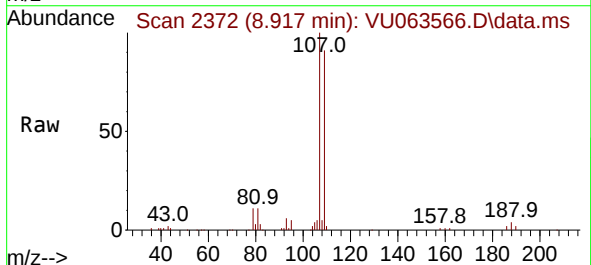
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

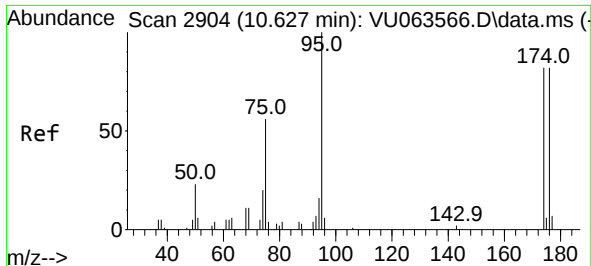
Tgt Ion:129 Resp: 89745
Ion Ratio Lower Upper
129 100
127 77.4 61.9 92.9



#56
1,2-Dibromoethane
Concen: 12.629 ug/l
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU063566.D
Acq: 12 Sep 2025 11:34

Tgt Ion:107 Resp: 75721
Ion Ratio Lower Upper
107 100
109 91.8 0.0 183.6

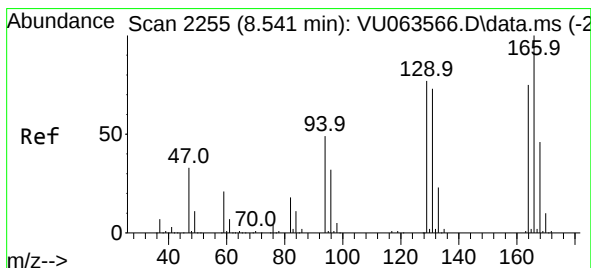
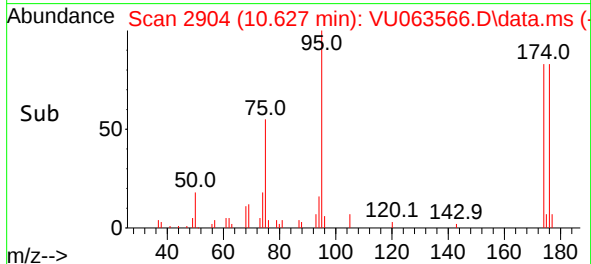
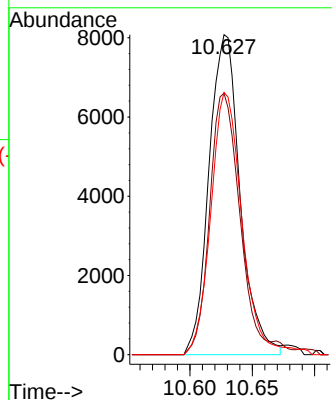
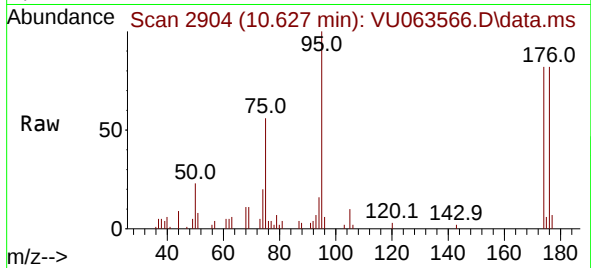




#57
 4-Bromofluorobenzene
 Concen: 1.173 ug/l
 RT: 10.627 min Scan# 2904
 Delta R.T. 0.000 min
 Lab File: VU063566.D
 Acq: 12 Sep 2025 11:34

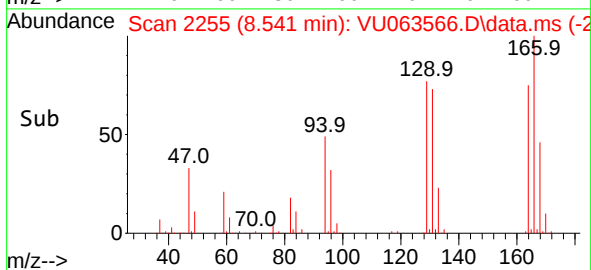
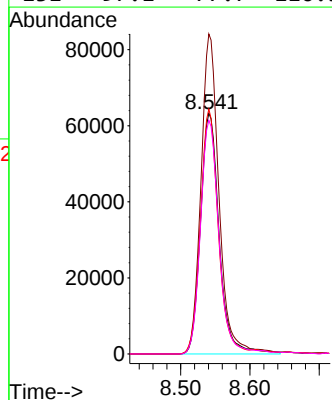
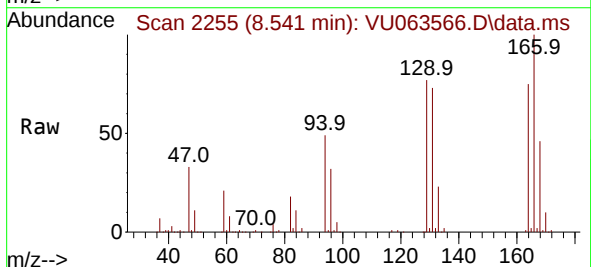
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

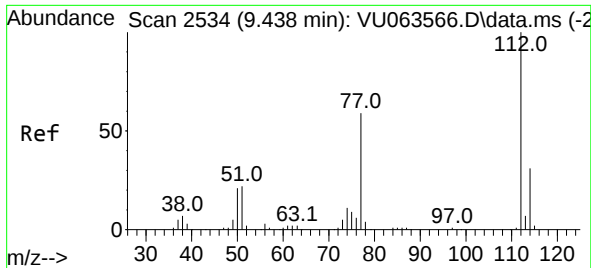
Tgt Ion: 95 Resp: 14011
 Ion Ratio Lower Upper
 95 100
 174 80.9 64.7 97.1
 176 82.8 66.2 99.4



#58
 Tetrachloroethene
 Concen: 13.108 ug/l
 RT: 8.541 min Scan# 2255
 Delta R.T. 0.000 min
 Lab File: VU063566.D
 Acq: 12 Sep 2025 11:34

Tgt Ion: 164 Resp: 118498
 Ion Ratio Lower Upper
 164 100
 166 133.0 106.4 159.6
 129 101.8 81.4 122.2
 131 97.1 77.7 116.5

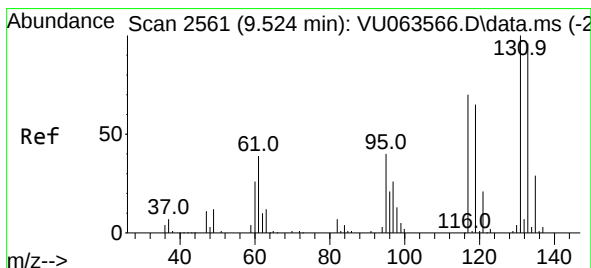
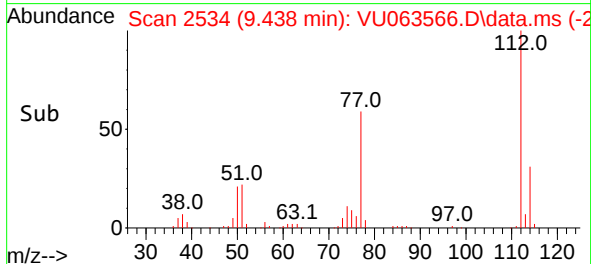
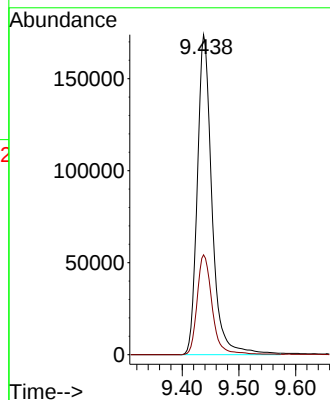
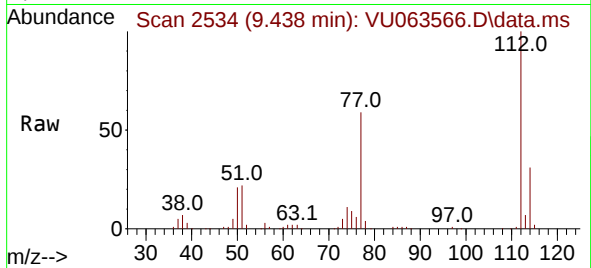




#59
Chlorobenzene
Concen: 12.831 ug/l
RT: 9.438 min Scan# 2534
Delta R.T. 0.000 min
Lab File: VU063566.D
Acq: 12 Sep 2025 11:34

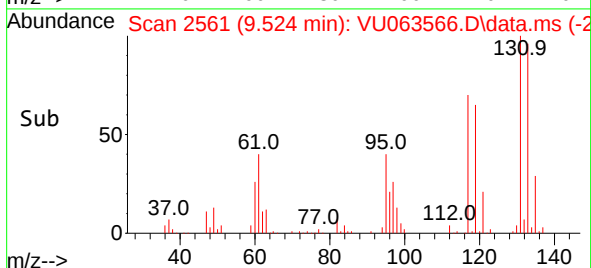
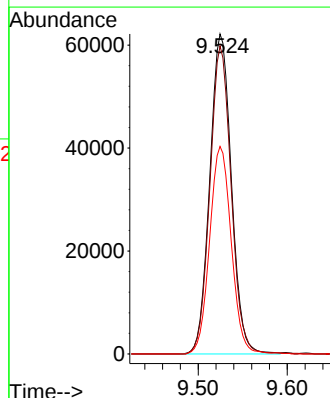
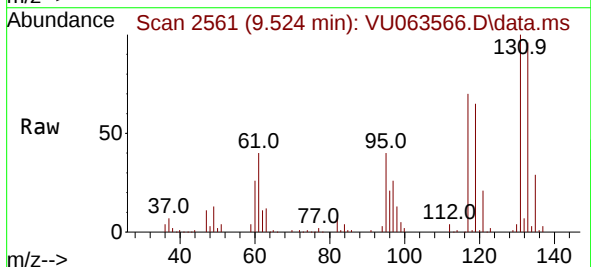
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

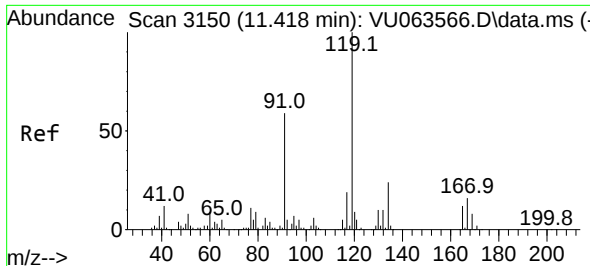
Tgt Ion:112 Resp: 312472
Ion Ratio Lower Upper
112 100
114 31.2 25.0 37.4



#60
1,1,1,2-Tetrachloroethane
Concen: 13.121 ug/l
RT: 9.524 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU063566.D
Acq: 12 Sep 2025 11:34

Tgt Ion:131 Resp: 104791
Ion Ratio Lower Upper
131 100
133 94.8 75.8 113.8
119 64.7 51.8 77.6

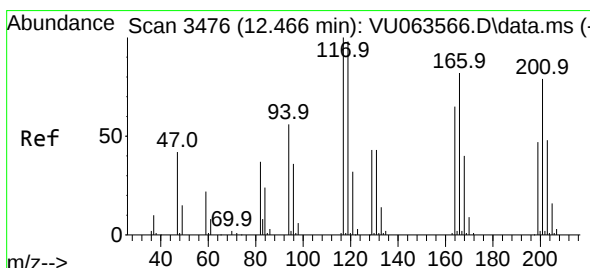
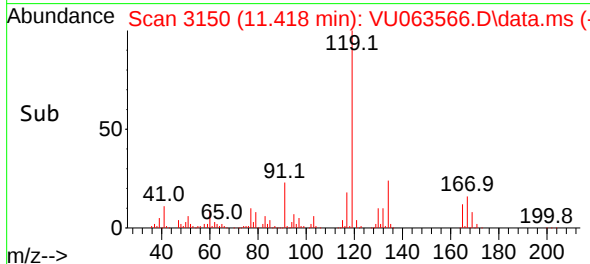
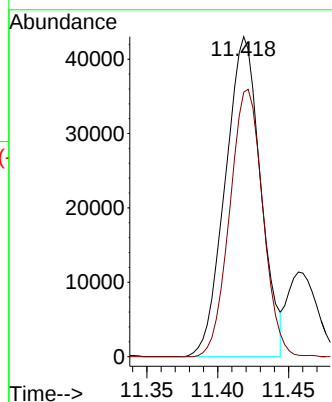
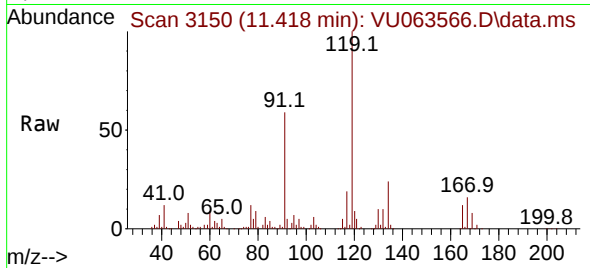




#61
Pentachloroethane
Concen: 12.340 ug/l
RT: 11.418 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU063566.D
Acq: 12 Sep 2025 11:34

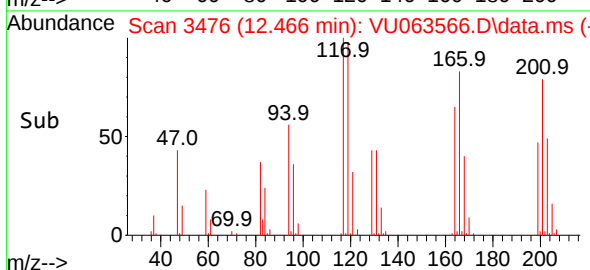
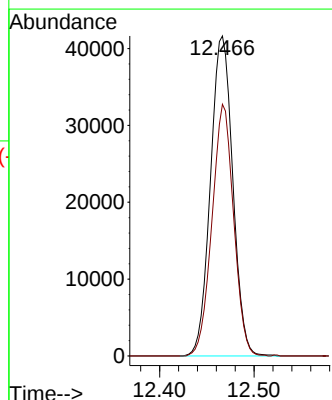
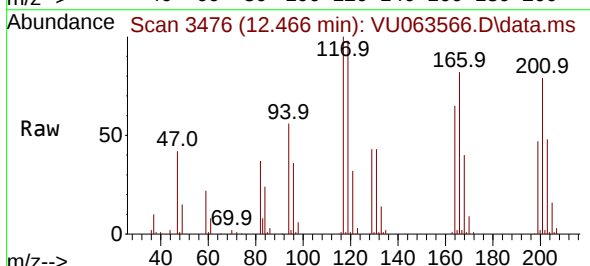
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

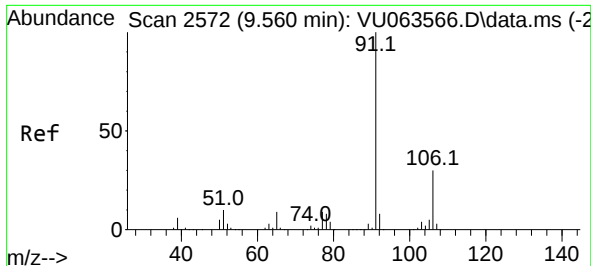
Tgt Ion:117 Resp: 74712
Ion Ratio Lower Upper
117 100
167 78.2 62.6 93.8



#62
Hexachloroethane
Concen: 12.894 ug/l
RT: 12.466 min Scan# 3476
Delta R.T. 0.000 min
Lab File: VU063566.D
Acq: 12 Sep 2025 11:34

Tgt Ion:117 Resp: 68234
Ion Ratio Lower Upper
117 100
201 76.3 61.0 91.6





#63

Ethyl Benzene

Concen: 13.173 ug/l

RT: 9.560 min Scan# 2572

Delta R.T. 0.000 min

Lab File: VU063566.D

Acq: 12 Sep 2025 11:34

Instrument :

MSVOA_U

ClientSampleId :

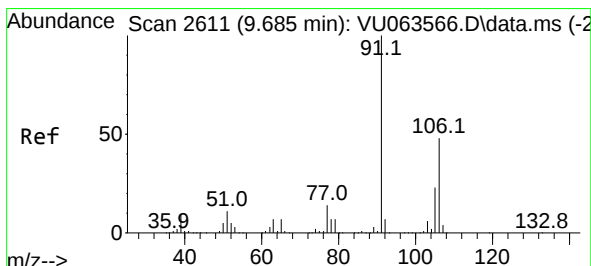
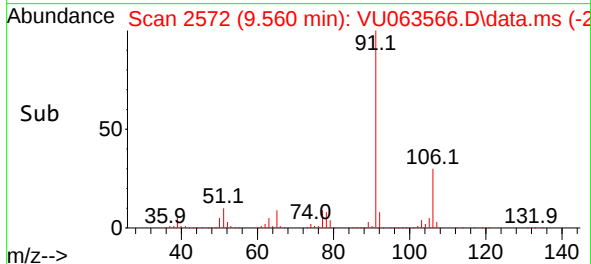
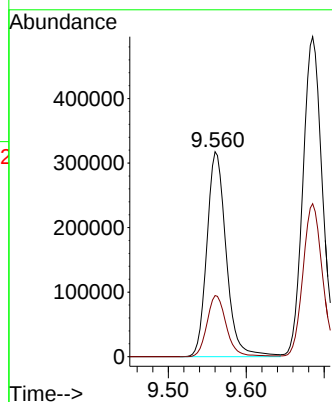
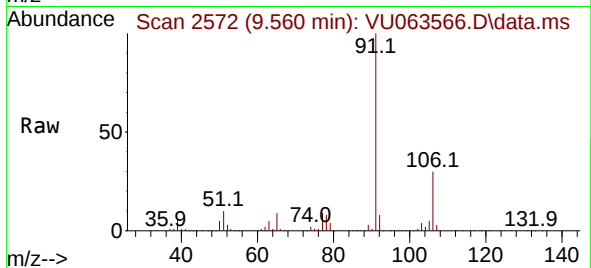
VSTDICCC010

Tgt Ion: 91 Resp: 547943

Ion Ratio Lower Upper

91 100

106 29.8 23.8 35.8



#64

m/p-Xylenes

Concen: 26.220 ug/l

RT: 9.685 min Scan# 2611

Delta R.T. 0.000 min

Lab File: VU063566.D

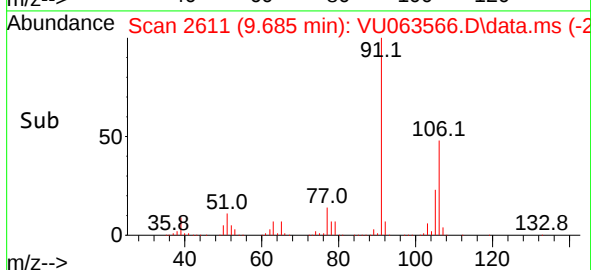
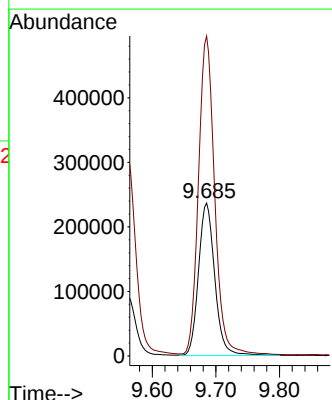
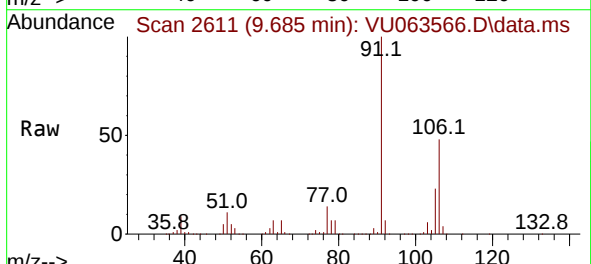
Acq: 12 Sep 2025 11:34

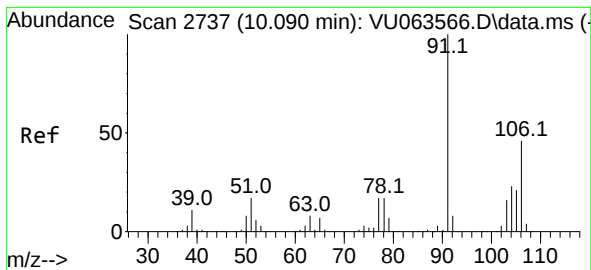
Tgt Ion: 106 Resp: 419522

Ion Ratio Lower Upper

106 100

91 208.7 167.0 250.4

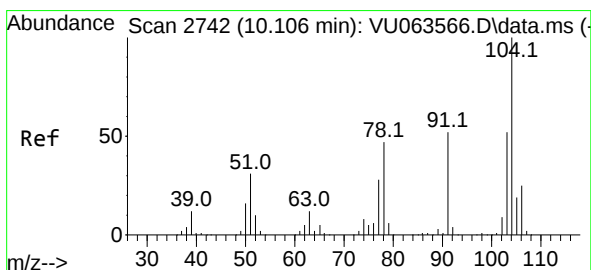
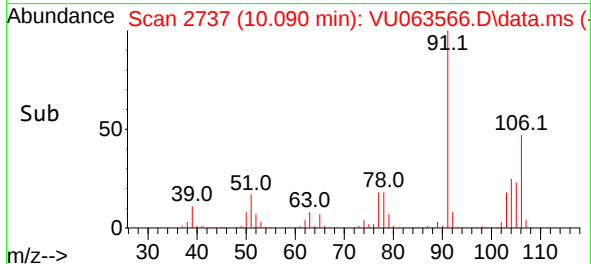
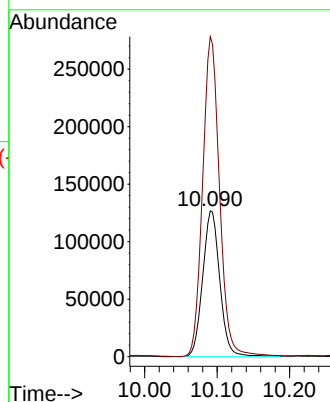
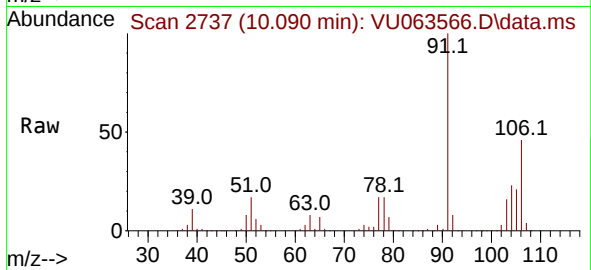




#65
o-Xylene
Concen: 13.116 ug/l
RT: 10.090 min Scan# 2737
Delta R.T. 0.000 min
Lab File: VU063566.D
Acq: 12 Sep 2025 11:34

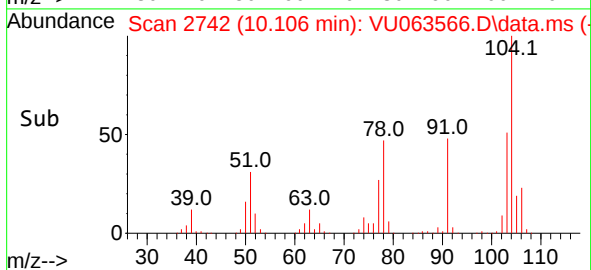
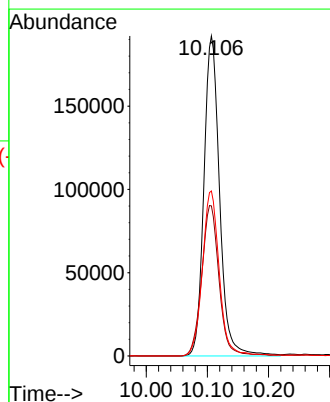
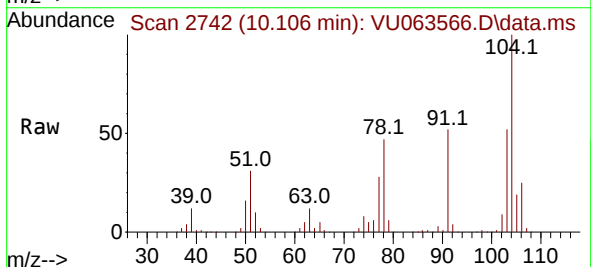
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

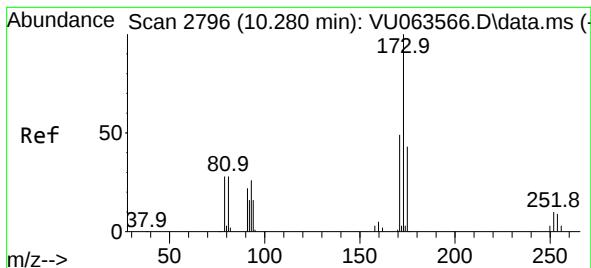
Tgt Ion:106 Resp: 208084
Ion Ratio Lower Upper
106 100
91 217.4 108.7 326.1



#66
Styrene
Concen: 13.247 ug/l
RT: 10.106 min Scan# 2742
Delta R.T. 0.000 min
Lab File: VU063566.D
Acq: 12 Sep 2025 11:34

Tgt Ion:104 Resp: 342986
Ion Ratio Lower Upper
104 100
78 51.5 41.2 61.8
103 55.2 44.2 66.2





#67

Bromoform

Concen: 13.783 ug/l

RT: 10.280 min Scan# 2796

Delta R.T. 0.000 min

Lab File: VU063566.D

Acq: 12 Sep 2025 11:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

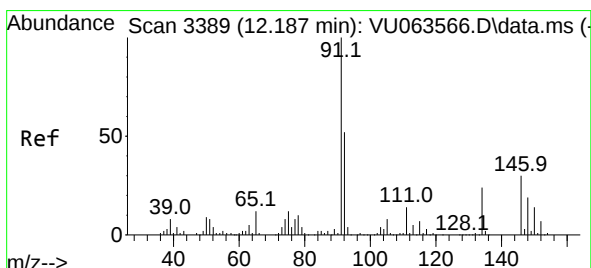
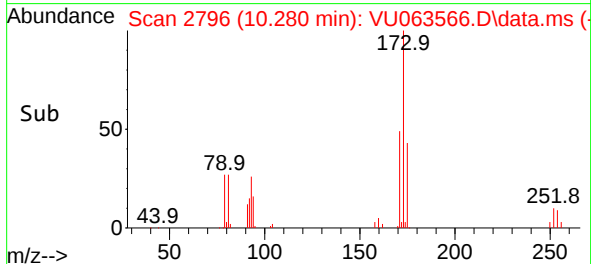
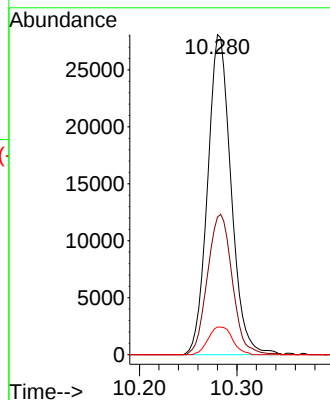
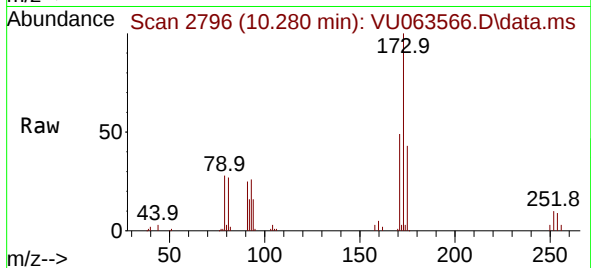
Tgt Ion:173 Resp: 47002

Ion Ratio Lower Upper

173 100

175 46.3 37.0 55.6

254 8.9 7.1 10.7



#68

1,2-Dichlorobenzene-d4

Concen: 1.292 ug/l

RT: 12.187 min Scan# 3389

Delta R.T. 0.000 min

Lab File: VU063566.D

Acq: 12 Sep 2025 11:34

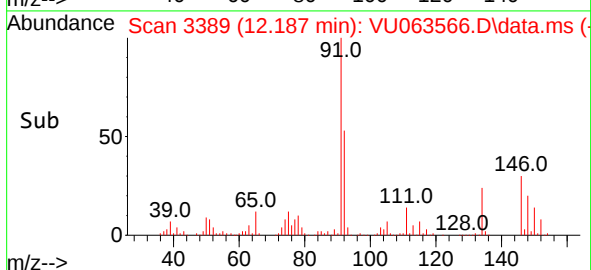
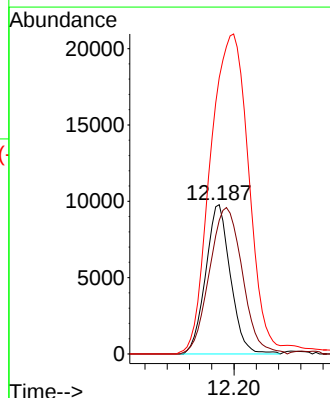
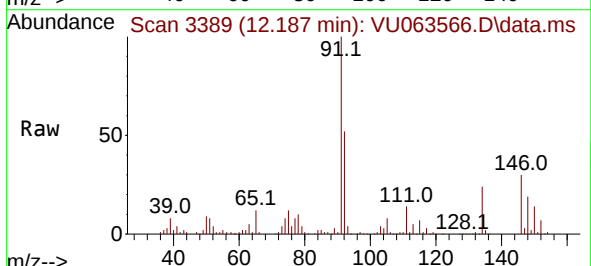
Tgt Ion:152 Resp: 15096

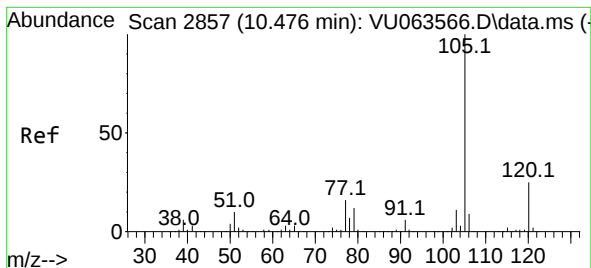
Ion Ratio Lower Upper

152 100

115 130.3 0.0 260.6

150 330.9 0.0 661.8





#69

Isopropylbenzene

Concen: 13.159 ug/l

RT: 10.476 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU063566.D

Acq: 12 Sep 2025 11:34

Instrument :

MSVOA_U

ClientSampleId :

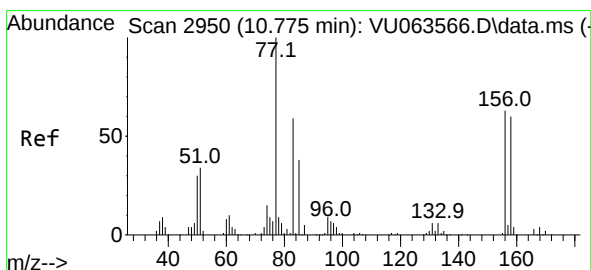
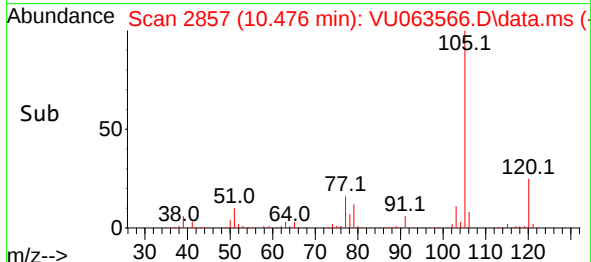
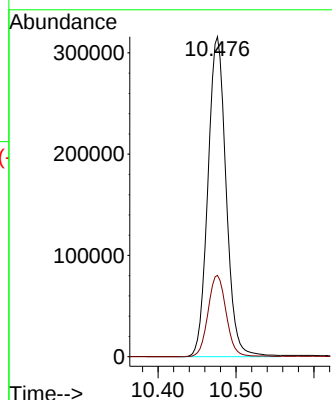
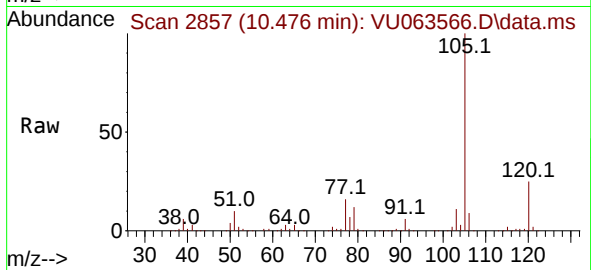
VSTDICCC010

Tgt Ion:105 Resp: 512279

Ion Ratio Lower Upper

105 100

120 25.3 12.7 38.0



#70

1,1,2,2-Tetrachloroethane

Concen: 12.517 ug/l

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU063566.D

Acq: 12 Sep 2025 11:34

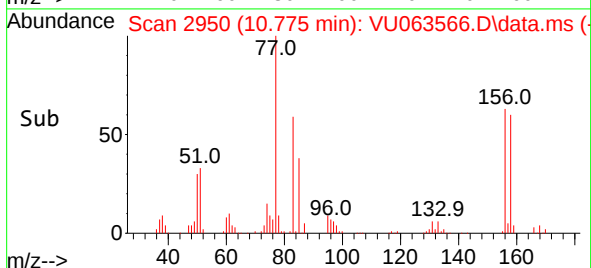
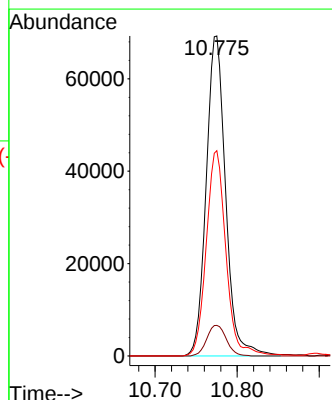
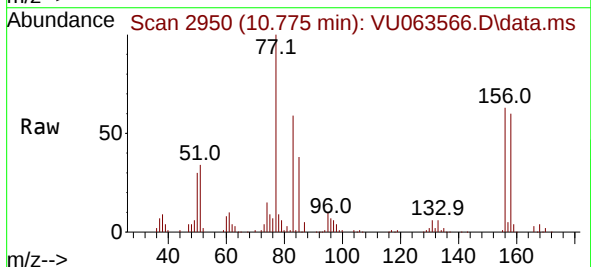
Tgt Ion: 83 Resp: 114168

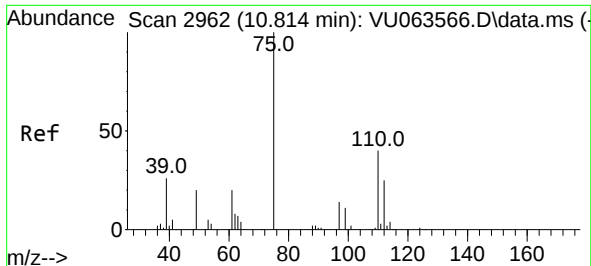
Ion Ratio Lower Upper

83 100

131 9.6 7.7 11.5

85 65.3 52.2 78.4

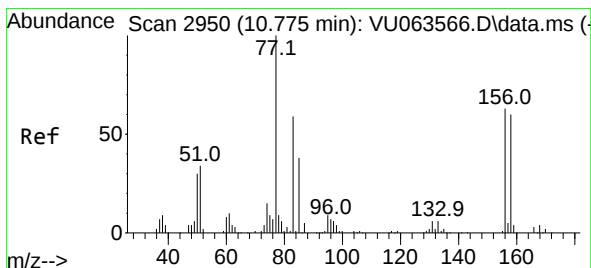
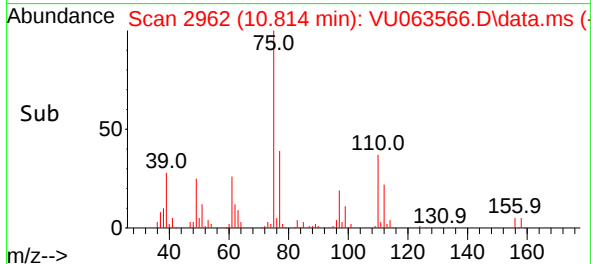
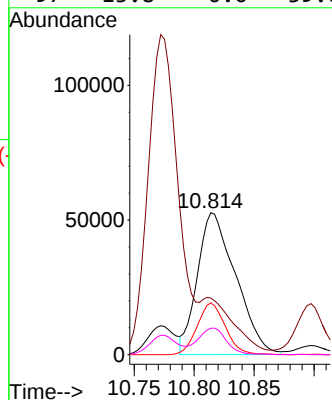
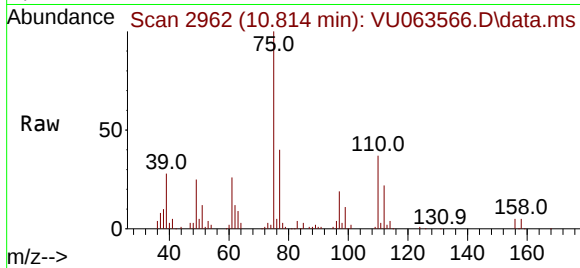




#71
1,2,3-Trichloropropane
Concen: 18.504 ug/l
RT: 10.814 min Scan# 2962
Delta R.T. 0.000 min
Lab File: VU063566.D
Acq: 12 Sep 2025 11:34

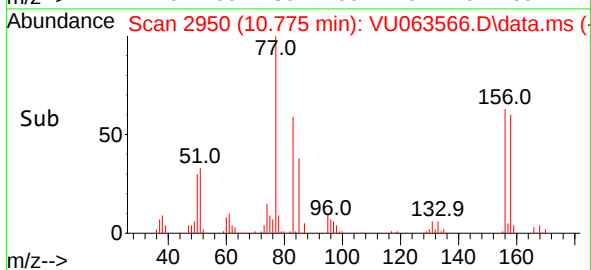
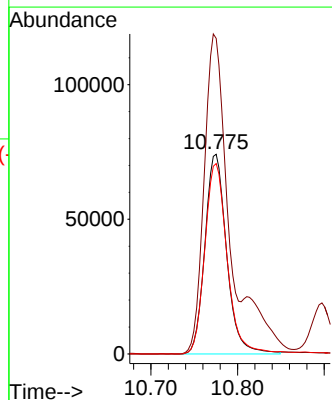
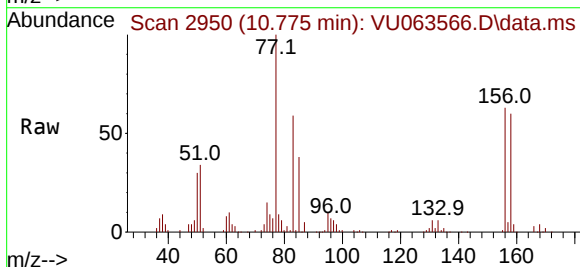
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

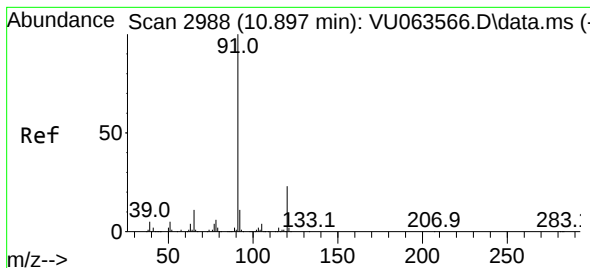
Tgt Ion:	75	Resp:	117030
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0
110	27.0	0.0	77.6
97	13.8	0.0	39.6



#72
Bromobenzene
Concen: 13.081 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU063566.D
Acq: 12 Sep 2025 11:34

Tgt Ion:	156	Resp:	129273
Ion	Ratio	Lower	Upper
156	100		
77	161.5	0.0	323.0
158	97.7	0.0	195.4





#73

n-propylbenzene

Concen: 13.435 ug/l

RT: 10.897 min Scan# 2988

Delta R.T. 0.000 min

Lab File: VU063566.D

Acq: 12 Sep 2025 11:34

Instrument :

MSVOA_U

ClientSampleId :

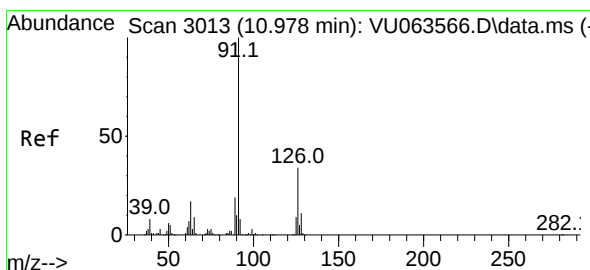
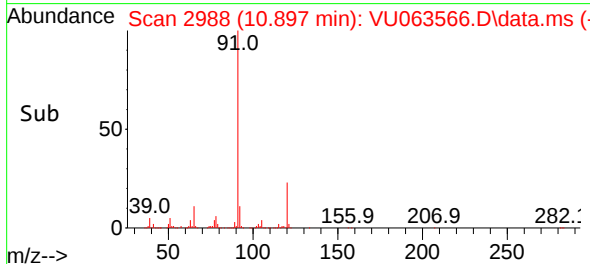
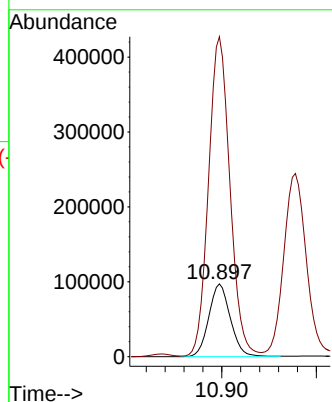
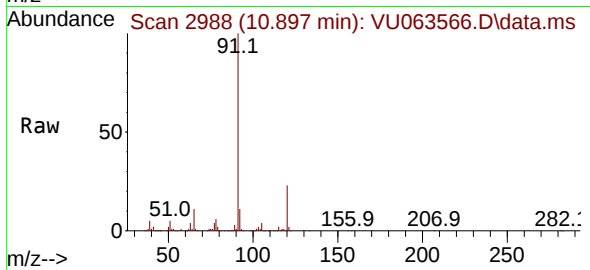
VSTDICCC010

Tgt Ion:120 Resp: 153606

Ion Ratio Lower Upper

120 100

91 436.4 349.1 523.7



#74

2-Chlorotoluene

Concen: 13.024 ug/l

RT: 10.978 min Scan# 3013

Delta R.T. 0.000 min

Lab File: VU063566.D

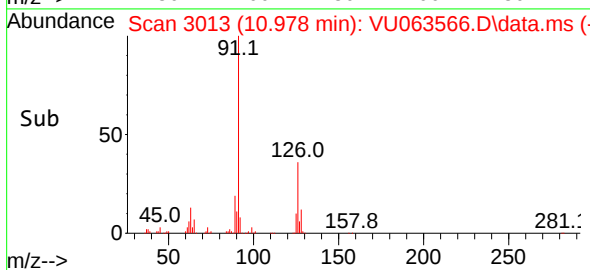
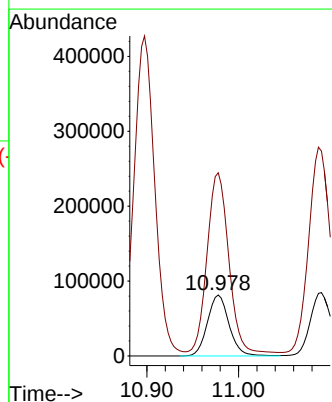
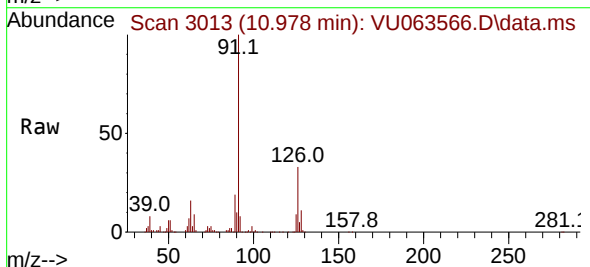
Acq: 12 Sep 2025 11:34

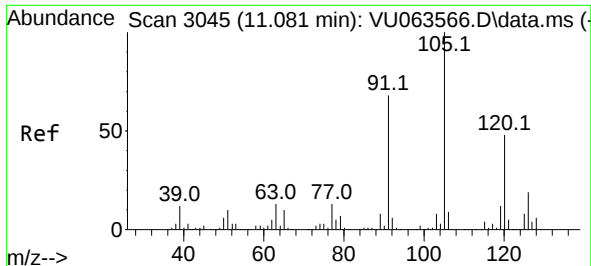
Tgt Ion:126 Resp: 133444

Ion Ratio Lower Upper

126 100

91 304.7 0.0 609.4

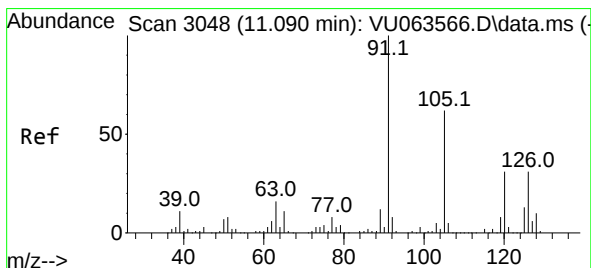
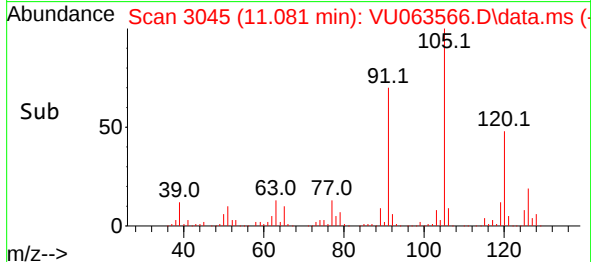
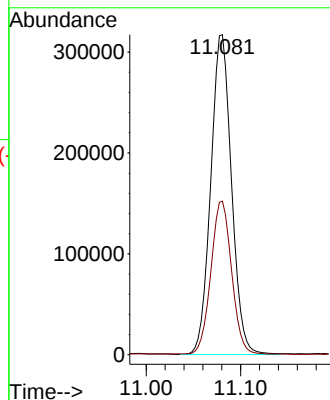
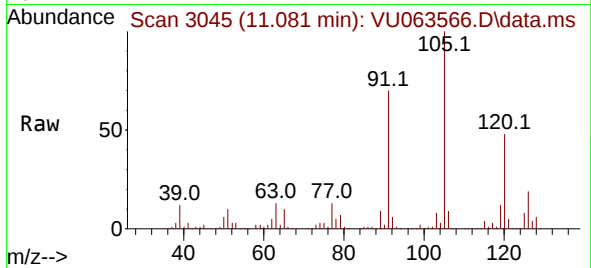




#75
1,3,5-Trimethylbenzene
Concen: 13.035 ug/l
RT: 11.081 min Scan# 3045
Delta R.T. 0.000 min
Lab File: VU063566.D
Acq: 12 Sep 2025 11:34

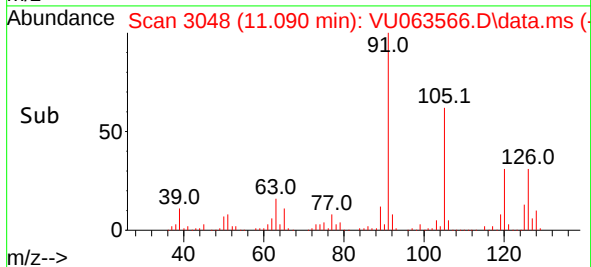
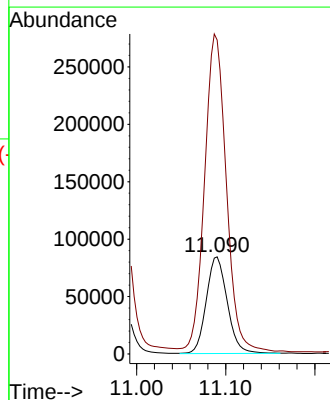
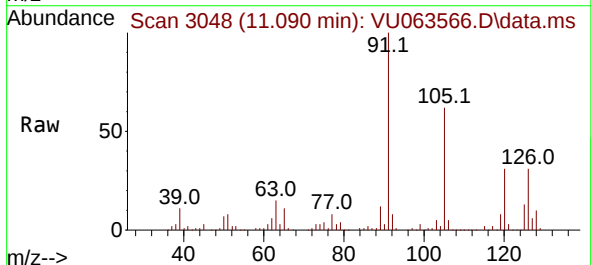
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

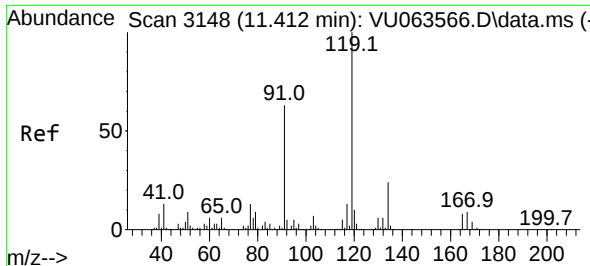
Tgt Ion:105 Resp: 483876
Ion Ratio Lower Upper
105 100
120 47.5 38.0 57.0



#76
4-Chlorotoluene
Concen: 12.679 ug/l
RT: 11.090 min Scan# 3048
Delta R.T. 0.000 min
Lab File: VU063566.D
Acq: 12 Sep 2025 11:34

Tgt Ion:126 Resp: 137403
Ion Ratio Lower Upper
126 100
91 339.7 0.0 679.4

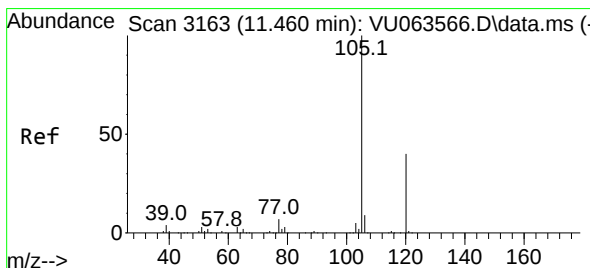
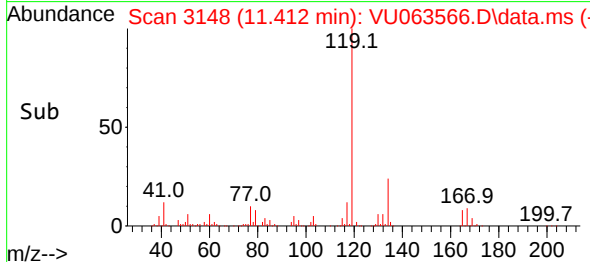
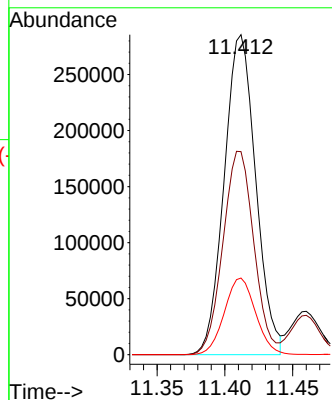
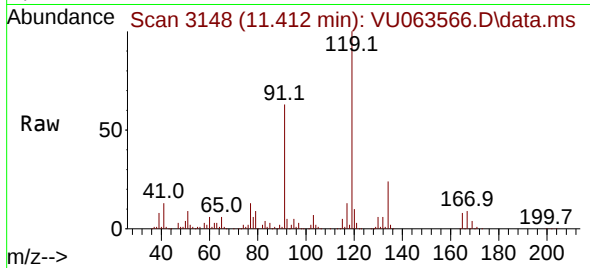




#77
 tert-Butylbenzene
 Concen: 12.832 ug/l
 RT: 11.412 min Scan# 3148
 Delta R.T. 0.000 min
 Lab File: VU063566.D
 Acq: 12 Sep 2025 11:34

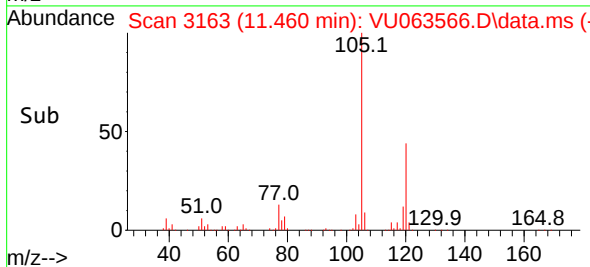
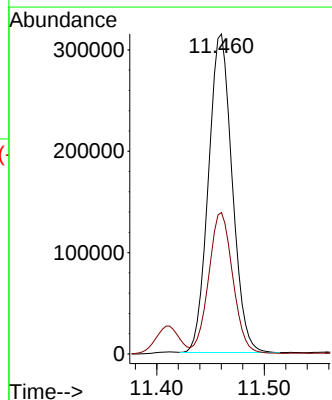
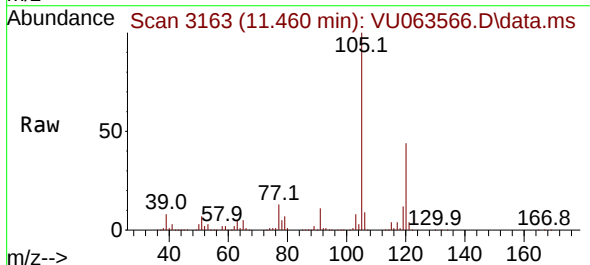
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

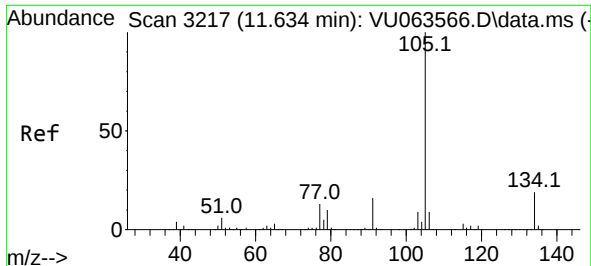
Tgt Ion:119 Resp: 462986
 Ion Ratio Lower Upper
 119 100
 91 62.0 31.0 93.0
 134 23.8 19.0 28.6



#78
 1,2,4-Trimethylbenzene
 Concen: 13.072 ug/l
 RT: 11.460 min Scan# 3163
 Delta R.T. 0.000 min
 Lab File: VU063566.D
 Acq: 12 Sep 2025 11:34

Tgt Ion:105 Resp: 482778
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.4 67.3

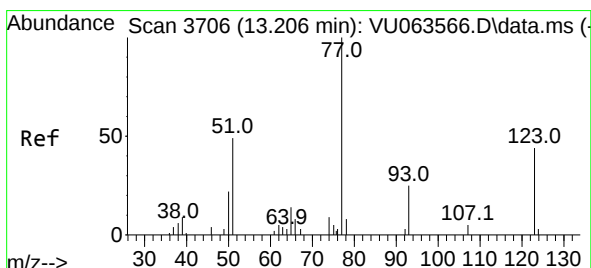
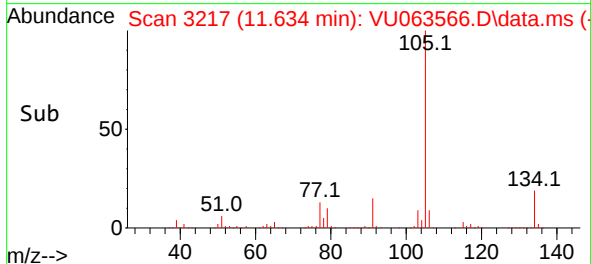
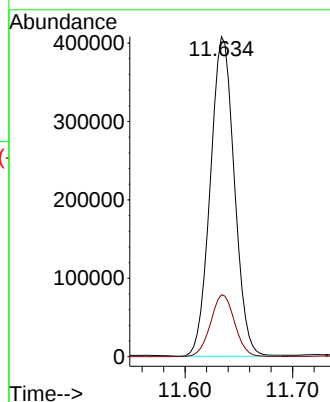
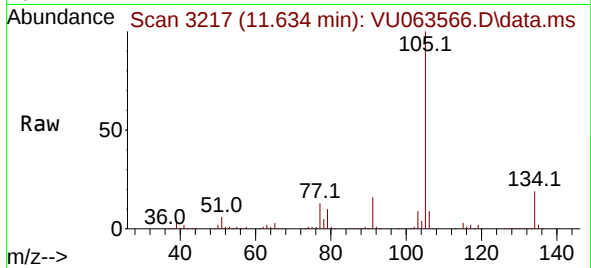




#79
 sec-Butylbenzene
 Concen: 12.982 ug/l
 RT: 11.634 min Scan# 3217
 Delta R.T. 0.000 min
 Lab File: VU063566.D
 Acq: 12 Sep 2025 11:34

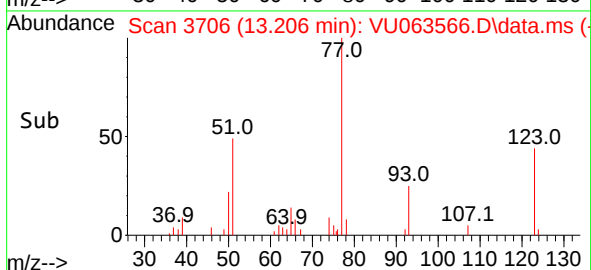
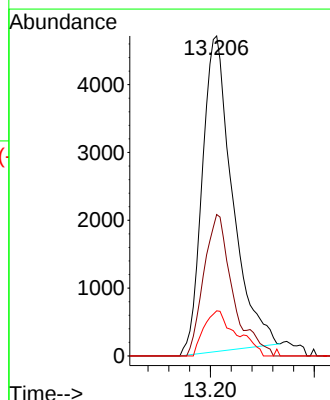
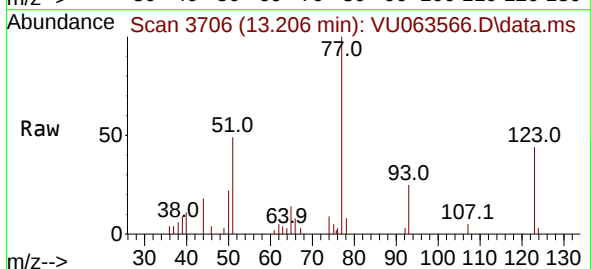
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

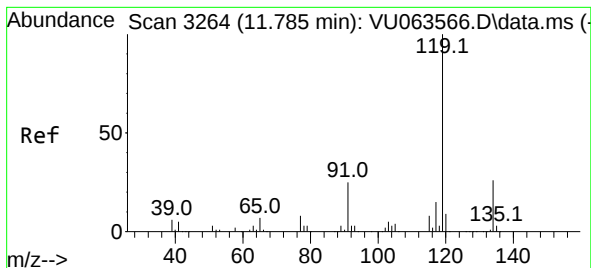
Tgt Ion:105 Resp: 633237
 Ion Ratio Lower Upper
 105 100
 134 19.5 15.6 23.4



#80
 Nitrobenzene
 Concen: 50.427 ug/l
 RT: 13.206 min Scan# 3706
 Delta R.T. 0.000 min
 Lab File: VU063566.D
 Acq: 12 Sep 2025 11:34

Tgt Ion: 77 Resp: 9365
 Ion Ratio Lower Upper
 77 100
 123 42.9 18.0 63.6
 65 15.3 12.8 16.4





#81

p-Isopropyltoluene

Concen: 13.270 ug/l

RT: 11.785 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU063566.D

Acq: 12 Sep 2025 11:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

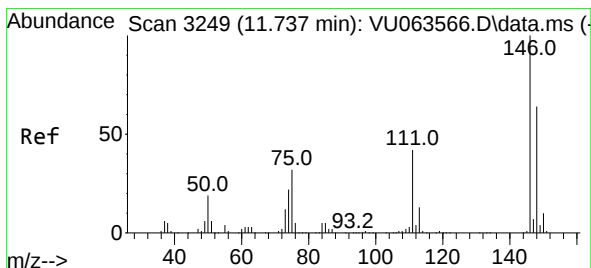
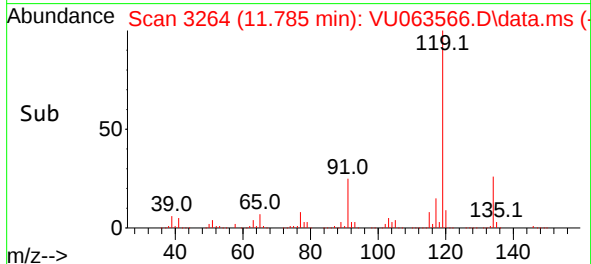
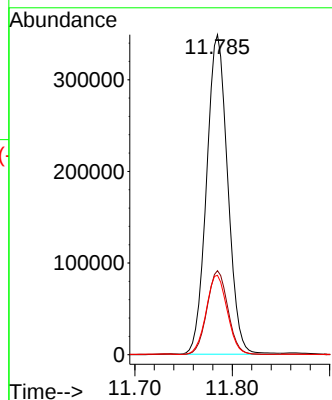
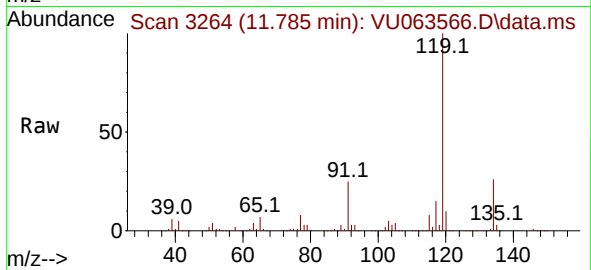
Tgt Ion:119 Resp: 523867

Ion Ratio Lower Upper

119 100

134 25.7 20.6 30.8

91 24.7 19.8 29.6



#82

1,3-Dichlorobenzene

Concen: 12.983 ug/l

RT: 11.737 min Scan# 3249

Delta R.T. 0.000 min

Lab File: VU063566.D

Acq: 12 Sep 2025 11:34

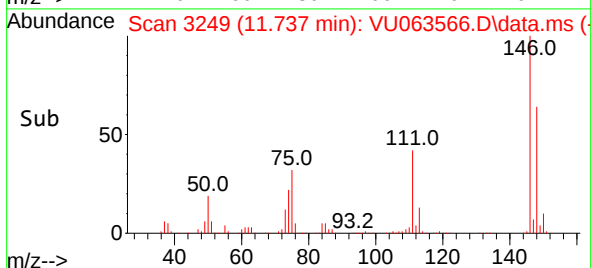
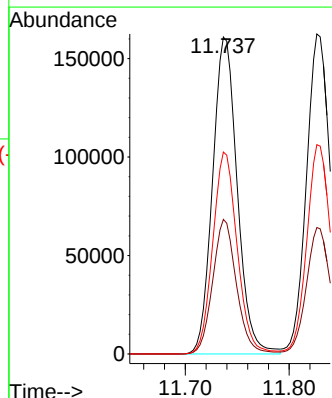
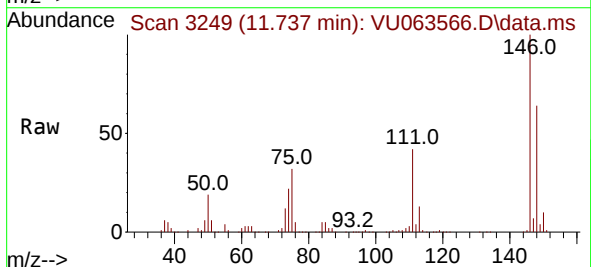
Tgt Ion:146 Resp: 265618

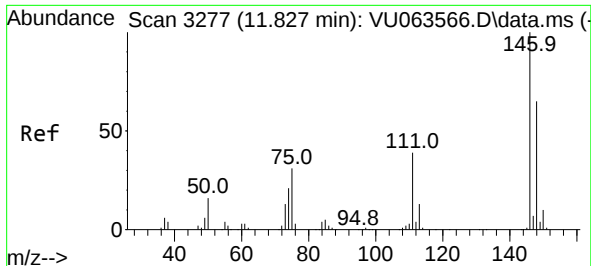
Ion Ratio Lower Upper

146 100

111 40.9 32.7 49.1

148 63.0 50.4 75.6

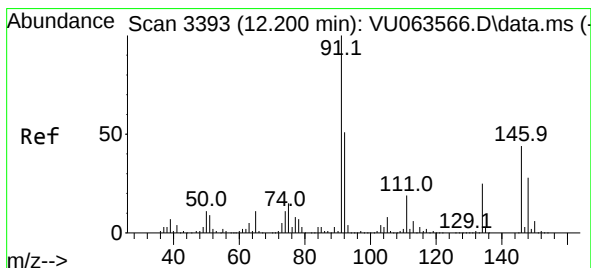
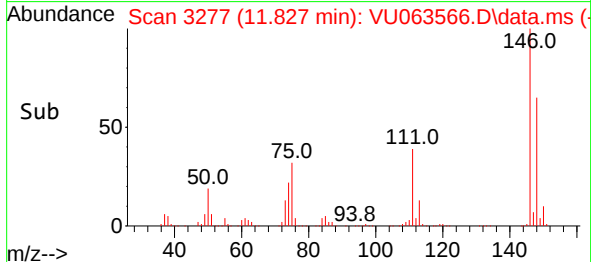
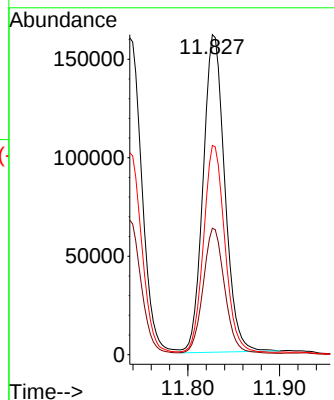
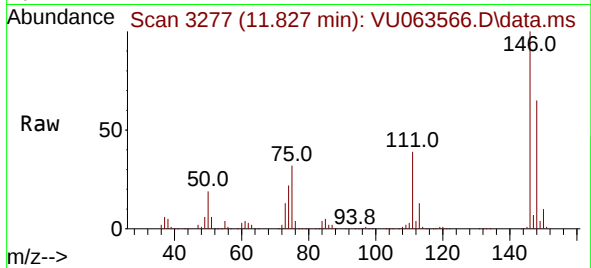




#83
1,4-Dichlorobenzene
Concen: 12.734 ug/l
RT: 11.827 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU063566.D
Acq: 12 Sep 2025 11:34

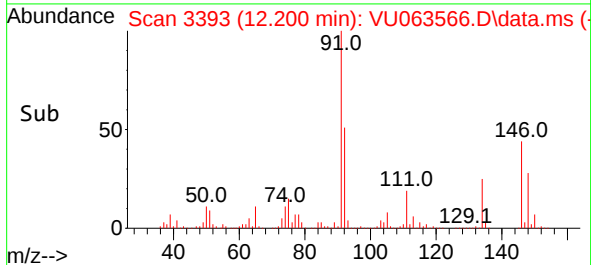
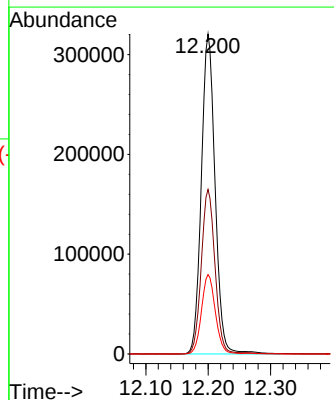
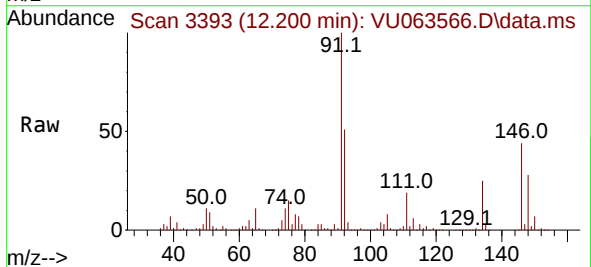
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

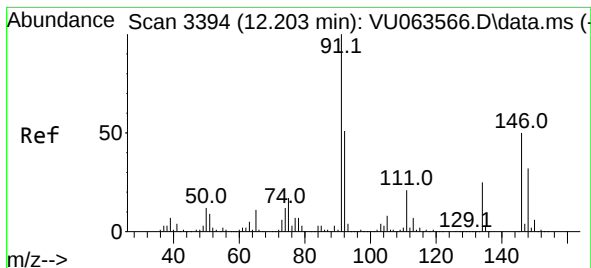
Tgt Ion:146 Resp: 264224
Ion Ratio Lower Upper
146 100
111 39.5 31.6 47.4
148 64.8 51.8 77.8



#84
n-Butylbenzene
Concen: 13.158 ug/l
RT: 12.200 min Scan# 3393
Delta R.T. 0.000 min
Lab File: VU063566.D
Acq: 12 Sep 2025 11:34

Tgt Ion: 91 Resp: 492367
Ion Ratio Lower Upper
91 100
92 51.6 41.3 61.9
134 24.9 19.9 29.9





#85

1,2-Dichlorobenzene

Concen: 12.681 ug/l

RT: 12.203 min Scan# 3394

Delta R.T. 0.000 min

Lab File: VU063566.D

Acq: 12 Sep 2025 11:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

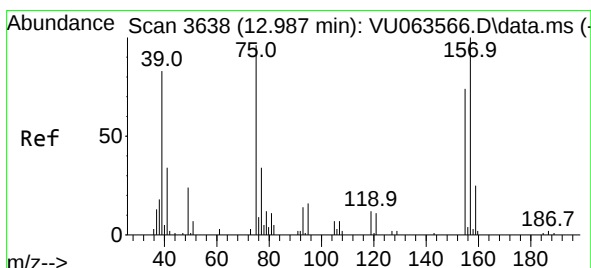
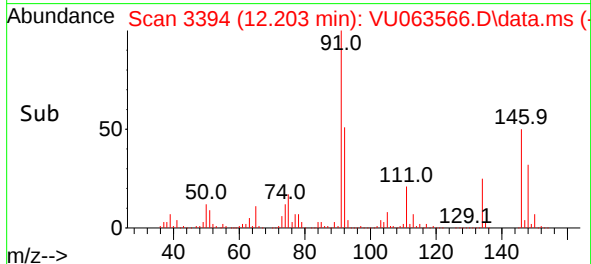
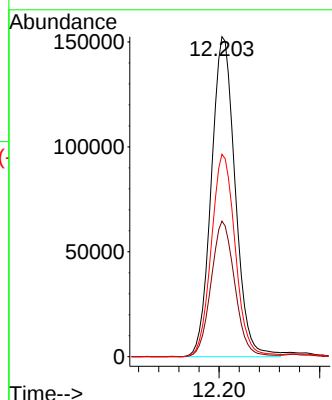
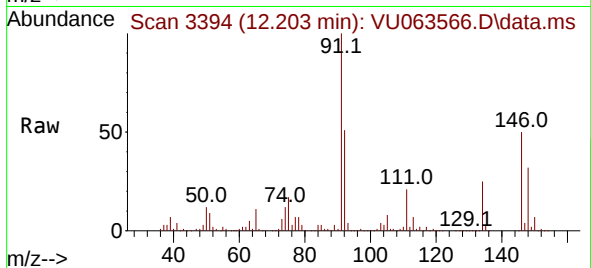
Tgt Ion:146 Resp: 251610

Ion Ratio Lower Upper

146 100

111 42.0 21.0 63.0

148 63.5 31.8 95.3



#86

1,2-Dibromo-3-Chloropropane

Concen: 13.140 ug/l

RT: 12.987 min Scan# 3638

Delta R.T. 0.000 min

Lab File: VU063566.D

Acq: 12 Sep 2025 11:34

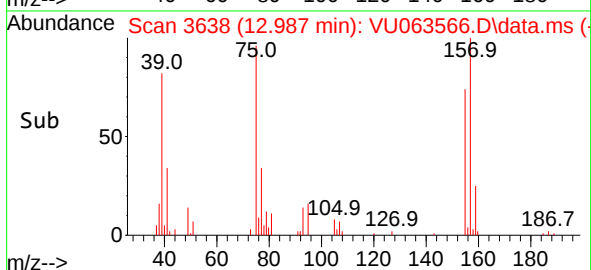
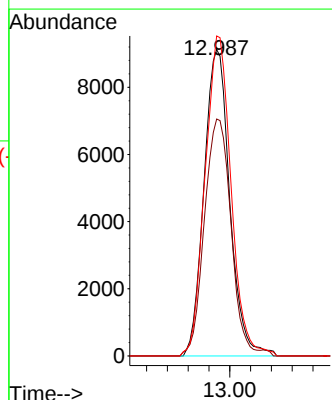
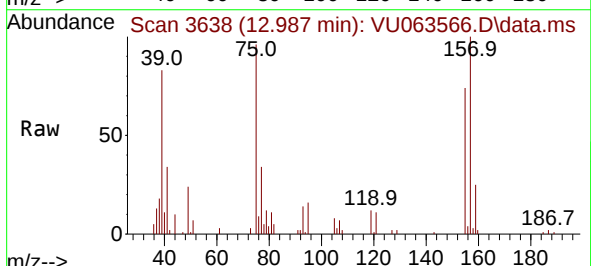
Tgt Ion: 75 Resp: 15714

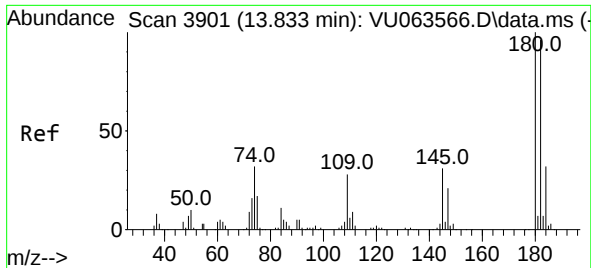
Ion Ratio Lower Upper

75 100

155 80.1 64.1 96.1

157 105.3 84.2 126.4

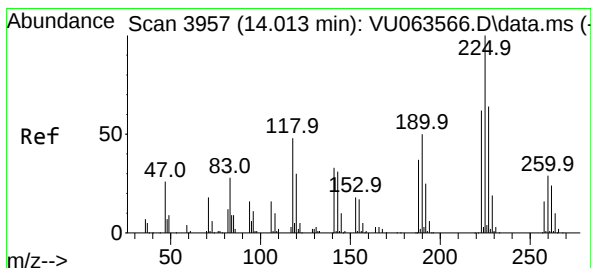
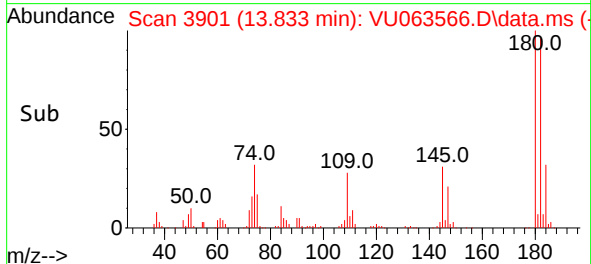
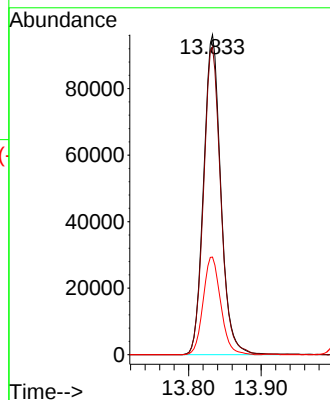
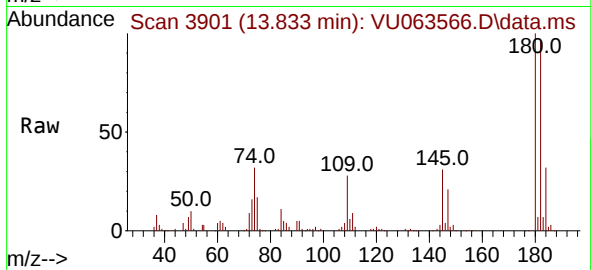




#87
 1,2,4-Trichlorobenzene
 Concen: 13.583 ug/l
 RT: 13.833 min Scan# 3901
 Delta R.T. 0.000 min
 Lab File: VU063566.D
 Acq: 12 Sep 2025 11:34

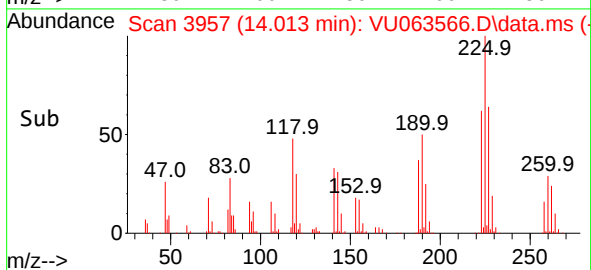
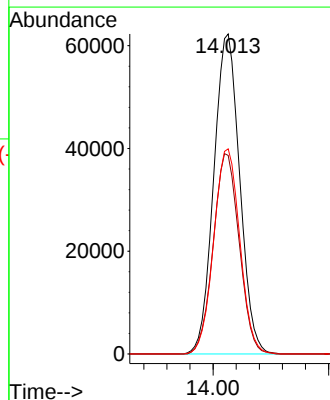
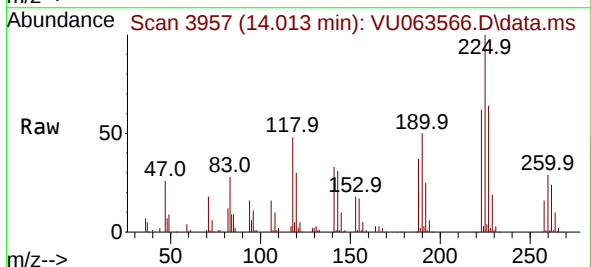
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

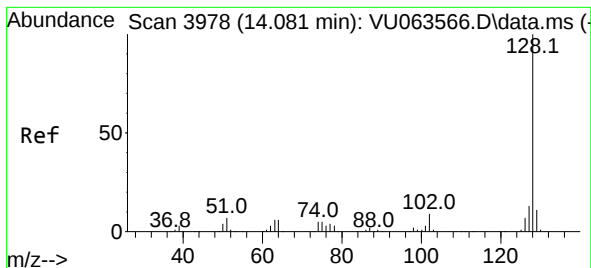
Tgt Ion:180 Resp: 158410
 Ion Ratio Lower Upper
 180 100
 182 96.4 77.1 115.7
 145 31.2 25.0 37.4



#88
 Hexachlorobutadiene
 Concen: 13.672 ug/l
 RT: 14.013 min Scan# 3957
 Delta R.T. 0.000 min
 Lab File: VU063566.D
 Acq: 12 Sep 2025 11:34

Tgt Ion:225 Resp: 96997
 Ion Ratio Lower Upper
 225 100
 223 62.7 50.2 75.2
 227 64.5 51.6 77.4





#89

Naphthalene

Concen: 13.078 ug/l

RT: 14.081 min Scan# 3978

Delta R.T. 0.000 min

Lab File: VU063566.D

Acq: 12 Sep 2025 11:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

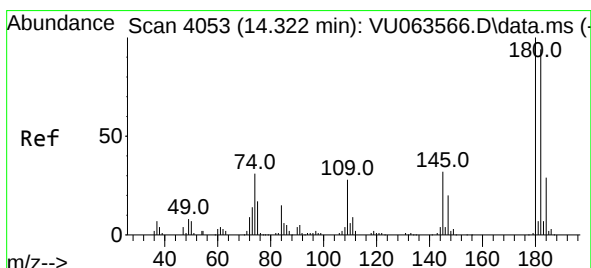
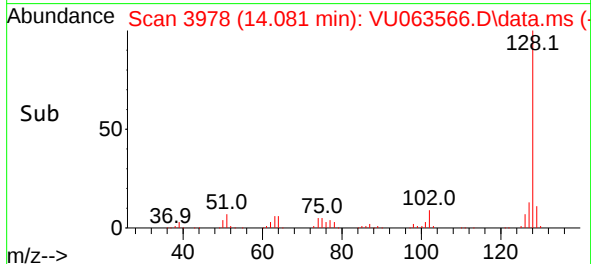
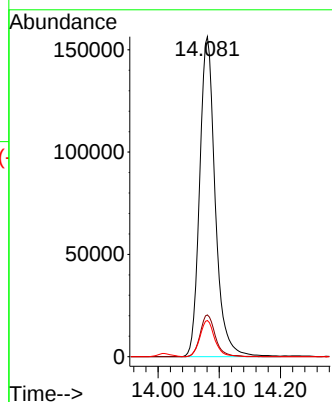
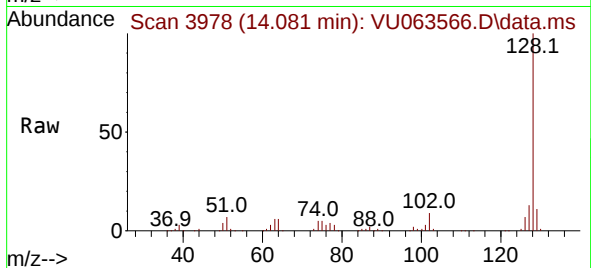
Tgt Ion:128 Resp: 276815

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 10.8 8.6 13.0



#90

1,2,3-Trichlorobenzene

Concen: 13.886 ug/l

RT: 14.322 min Scan# 4053

Delta R.T. 0.000 min

Lab File: VU063566.D

Acq: 12 Sep 2025 11:34

Tgt Ion:180 Resp: 149750

Ion Ratio Lower Upper

180 100

182 96.0 76.8 115.2

145 33.3 26.6 40.0

