

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062325\
 Data File : VU063423.D
 Acq On : 23 Jun 2025 11:39
 Operator : MD/SY
 Sample : VSTDICC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC005

Quant Time: Jun 24 04:41:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U062325DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Jun 24 03:53:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.100	96	53975	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	20562	1.038	ug/l	0.00
Spiked Amount 1.000			Recovery	=	104.000%	
68) 1,2-Dichlorobenzene-d4	12.183	152	20193	1.015	ug/l	0.00
Spiked Amount 1.000			Recovery	=	101.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	106845	5.154	ug/l	98
3) Chloromethane	1.518	50	138675	5.078	ug/l	98
4) Vinyl Chloride	1.599	62	122212	5.226	ug/l	98
5) Bromomethane	1.846	94	56563	5.048	ug/l	99
6) Chloroethane	1.923	64	72598	5.241	ug/l	98
7) Trichlorofluoromethane	2.129	101	137921	5.172	ug/l	97
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	73554	5.179	ug/l	98
9) 1,1-Dichloroethene	2.570	96	74019	5.222	ug/l	99
10) Iodomethane	2.711	142	59524	5.203	ug/l	100
11) Allyl Chloride	2.911	41	130206	5.158	ug/l	99
12) Acrylonitrile	3.306	53	42288	10.326	ug/l	93
13) Acetone	2.618	43	111236	30.131	ug/l	97
14) Carbon Disulfide	2.779	76	253848	5.136	ug/l	99
15) Methylene Chloride	3.030	84	90967	5.064	ug/l	97
16) trans-1,2-Dichloroethene	3.335	96	83247	5.220	ug/l	95
17) 1,1-Dichloroethane	3.849	63	173909	5.194	ug/l	99
18) 2-Butanone	4.714	43	156094	27.315	ug/l	100
19) Cyclohexane	5.361	56	132056	5.213	ug/l	99
20) Methylcyclohexane	6.746	83	118326	5.055	ug/l	95
21) 2,2-Dichloropropane	4.644	77	123041	5.170	ug/l	100
22) cis-1,2-Dichloroethene	4.650	96	90374	5.192	ug/l	97
23) Diethyl Ether	2.370	59	66746	5.219	ug/l	97
24) tert-Butyl Alcohol	3.190	59	68651	50.962	ug/l	99
25) Methyl tert-Butyl Ether	3.361	73	199326	5.171	ug/l	99
26) Bromochloromethane	4.955	128	35606	5.256	ug/l	99
27) Chloroform	5.071	83	162097	5.164	ug/l	96
28) 1,1,1-Trichloroethane	5.293	97	136327	5.356	ug/l	99
29) 1,1-Dichloropropene	5.505	75	124508	5.355	ug/l	97
30) Carbon Tetrachloride	5.502	117	109233	5.373	ug/l	99
31) Isopropyl Ether	3.991	45	266256	5.060	ug/l	98
32) Ethyl-t-butyl ether	4.502	59	220292	4.971	ug/l	97
33) Tert-Amyl methyl ether	5.943	73	166268	5.248	ug/l	99
34) Propionitrile	4.775	54	41198	24.923	ug/l #	95
35) Benzene	5.756	78	374819	5.329	ug/l	99
36) 1,2-Dichloroethane	5.785	62	106128	5.162	ug/l	100
37) Trichloroethene	6.531	130	88211	5.307	ug/l	97
38) 1,2-Dichloropropane	6.782	63	105038	5.407	ug/l	100
39) Methacrylonitrile	4.972	41	34078	4.954	ug/l	98
40) Methyl acrylate	4.846	55	47755	4.935	ug/l	97
41) Tetrahydrofuran	5.062	42	37099	10.027	ug/l	96
42) 1-Chlorobutane	5.438	56	166964	5.062	ug/l	96
43) Dibromomethane	6.910	93	48281	5.321	ug/l	98
44) Bromodichloromethane	7.097	83	115223	5.213	ug/l	99

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 ALS Vial : 5 Sample Multiplier: 1

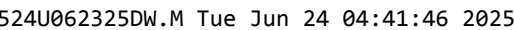
Instrument :
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 ClientSampleId :
 VSTDICC005

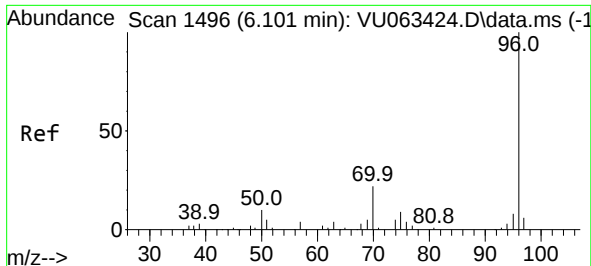
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U062325DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Jun 24 03:53:51 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.795	43	267563	27.468	ug/l	98
46) t-1,4-Dichloro-2-butene	10.817	75	92907	29.880	ug/l #	44
47) Methyl methacrylate	6.965	69	79647	9.709	ug/l	99
48) Ethyl methacrylate	8.332	69	70049	5.037	ug/l	98
49) Toluene	7.962	92	217232	5.626	ug/l	99
50) t-1,3-Dichloropropene	8.203	75	85370	5.356	ug/l	99
51) cis-1,3-Dichloropropene	7.598	75	116974	5.463	ug/l	99
52) 1,1,2-Trichloroethane	8.393	97	70304	5.300	ug/l	100
53) 1,3-Dichloropropane	8.566	76	121123	5.307	ug/l	100
54) 2-Hexanone	8.685	43	180620	25.883	ug/l	98
55) Dibromochloromethane	8.801	129	72546	5.301	ug/l	99
56) 1,2-Dibromoethane	8.917	107	57181	5.317	ug/l	99
58) Tetrachloroethene	8.544	164	86434	5.301	ug/l	98
59) Chlorobenzene	9.441	112	225893	5.464	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.524	131	77275	5.193	ug/l	99
61) Pentachloroethane	11.418	117	64312	5.305	ug/l	98
62) Hexachloroethane	12.466	117	58851	5.398	ug/l	98
63) Ethyl Benzene	9.563	91	368939	5.567	ug/l	100
64) m/p-Xylenes	9.685	106	298216	9.931	ug/l	98
65) o-Xylene	10.094	106	141568	5.623	ug/l	99
66) Styrene	10.106	104	240618	4.996	ug/l	99
67) Bromoform	10.283	173	40552	5.423	ug/l	98
69) Isopropylbenzene	10.476	105	330244	5.662	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.772	83	90666	5.343	ug/l	100
71) 1,2,3-Trichloropropane	10.817	75	92907	6.580	ug/l #	89
72) Bromobenzene	10.775	156	90867	5.550	ug/l	83
73) n-propylbenzene	10.897	120	101751	5.001	ug/l	98
74) 2-Chlorotoluene	10.978	126	92225	5.698	ug/l	98
75) 1,3,5-Trimethylbenzene	11.081	105	335271	5.024	ug/l	100
76) 4-Chlorotoluene	11.090	126	97063	5.725	ug/l	97
77) tert-Butylbenzene	11.412	119	299778	5.594	ug/l	99
78) 1,2,4-Trimethylbenzene	11.460	105	337527	5.002	ug/l	98
79) sec-Butylbenzene	11.634	105	432901	5.703	ug/l	100
80) Nitrobenzene	13.209	77	17734	23.021	ug/l	99
81) p-Isopropyltoluene	11.785	119	346078	4.959	ug/l	99
82) 1,3-Dichlorobenzene	11.737	146	183260	5.403	ug/l	98
83) 1,4-Dichlorobenzene	11.830	146	195472	5.559	ug/l	99
84) n-Butylbenzene	12.200	91	345741	5.564	ug/l	100
85) 1,2-Dichlorobenzene	12.203	146	178472	5.498	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.987	75	13285	5.695	ug/l	99
87) 1,2,4-Trichlorobenzene	13.833	180	94156	5.203	ug/l	100
88) Hexachlorobutadiene	14.010	225	68268	5.320	ug/l	98
89) Naphthalene	14.081	128	152014	4.577	ug/l	99
90) 1,2,3-Trichlorobenzene	14.322	180	92902	5.163	ug/l	99

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

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QLast Update : Tue Jun 24 03:53:51 2025
Response via : Initial Calibration

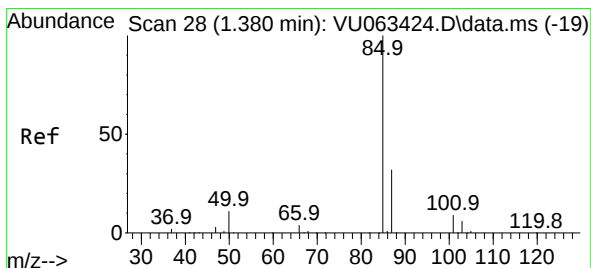
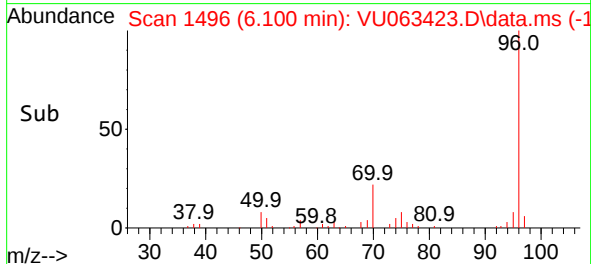
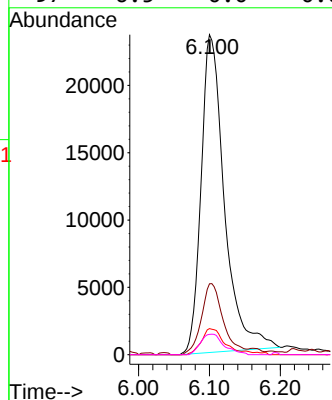
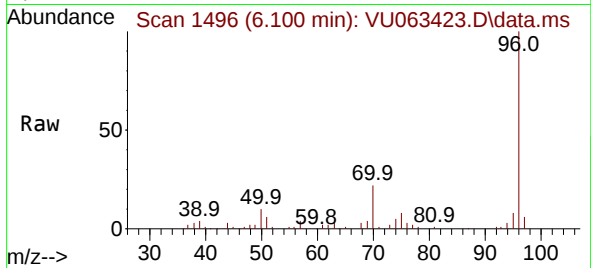




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.100 min Scan# 1496
Delta R.T. -0.001 min
Lab File: VU063423.D
Acq: 23 Jun 2025 11:39

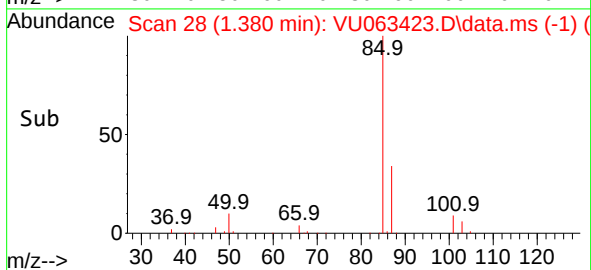
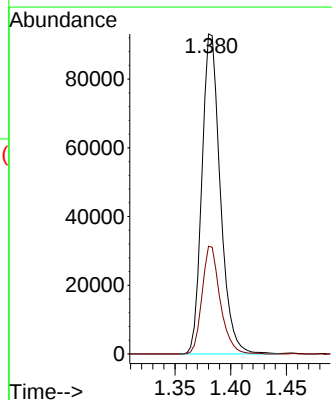
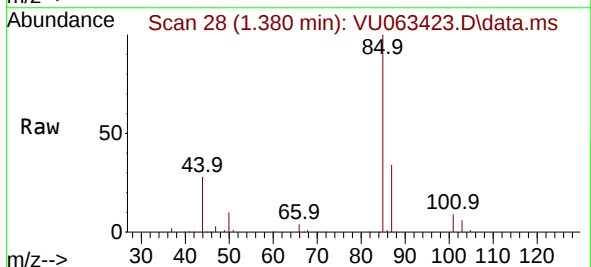
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

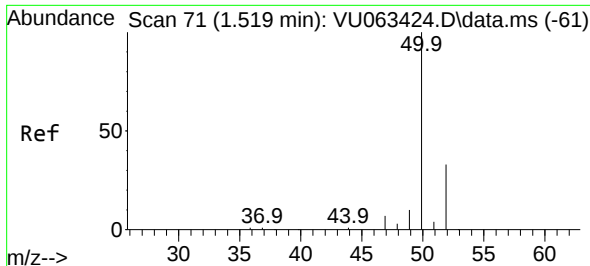
Tgt Ion: 96	Resp: 53975
Ion Ratio	Lower Upper
96 100	
70 18.8	16.4 24.6
95 6.8	6.2 9.2
97 6.5	0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 5.154 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU063423.D
Acq: 23 Jun 2025 11:39

Tgt Ion: 85	Resp: 106845
Ion Ratio	Lower Upper
85 100	
87 33.7	16.2 48.5

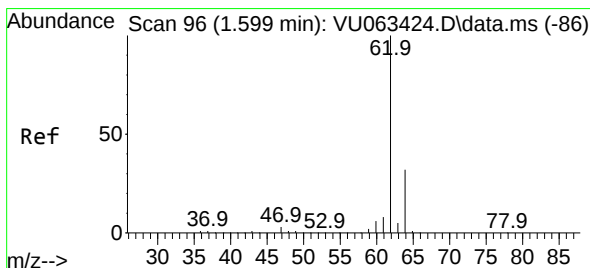
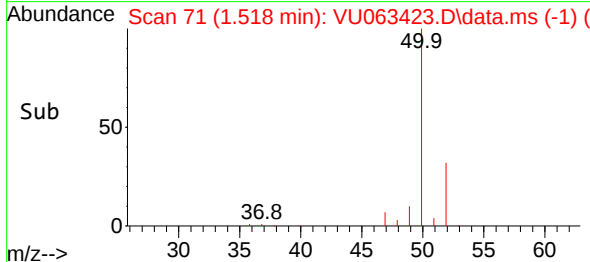
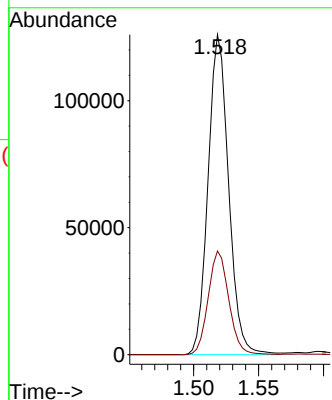
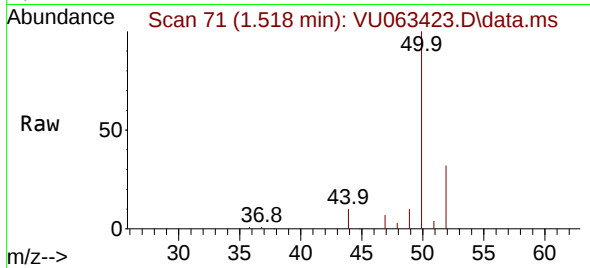




#3
Chloromethane
Concen: 5.078 ug/l
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU063423.D
Acq: 23 Jun 2025 11:39

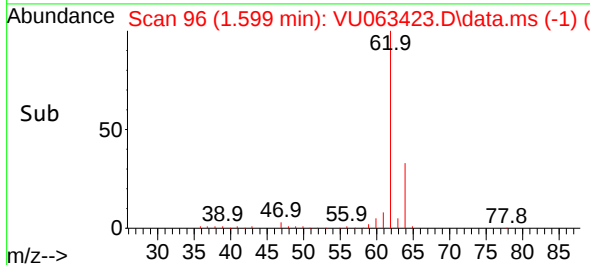
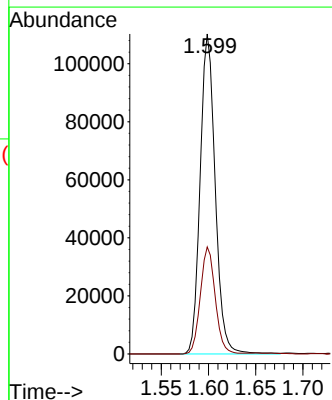
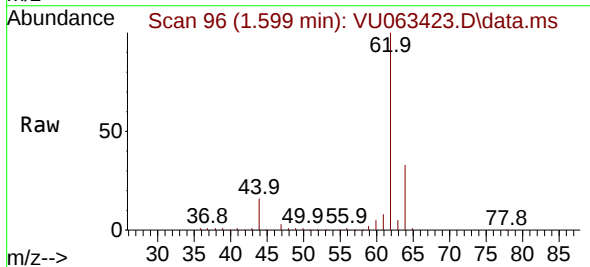
Instrument :
MSVOA_U
ClientSampleId :
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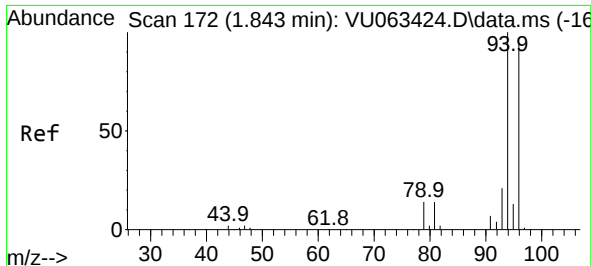
Tgt Ion: 50 Resp: 138675
Ion Ratio Lower Upper
50 100
52 32.4 26.6 40.0



#4
Vinyl Chloride
Concen: 5.226 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063423.D
Acq: 23 Jun 2025 11:39

Tgt Ion: 62 Resp: 122212
Ion Ratio Lower Upper
62 100
64 33.5 25.7 38.5

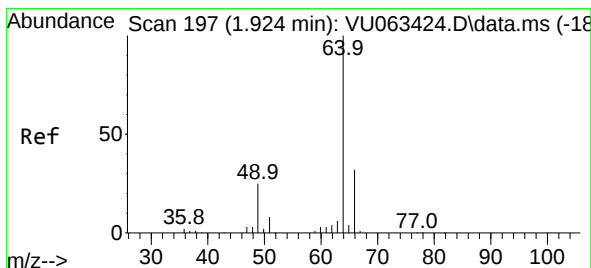
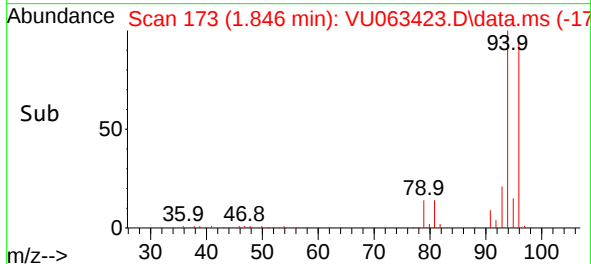
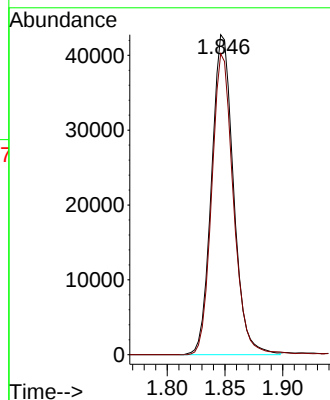
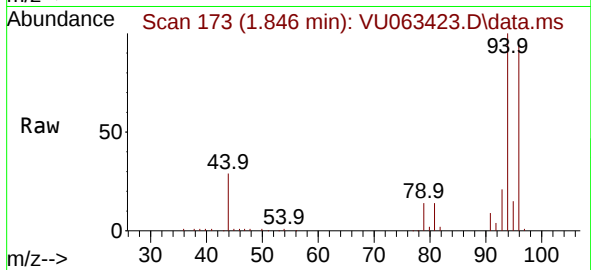




#5
Bromomethane
Concen: 5.048 ug/l
RT: 1.846 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU063423.D
Acq: 23 Jun 2025 11:39

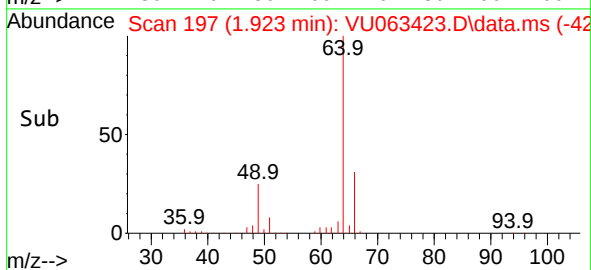
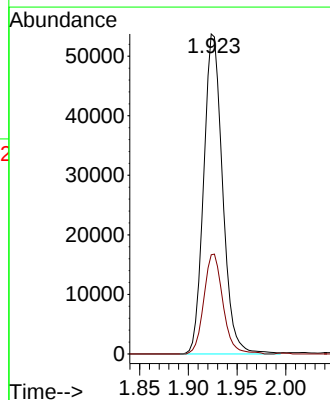
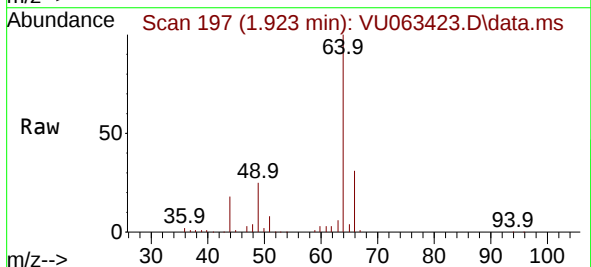
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ClientSampleId :
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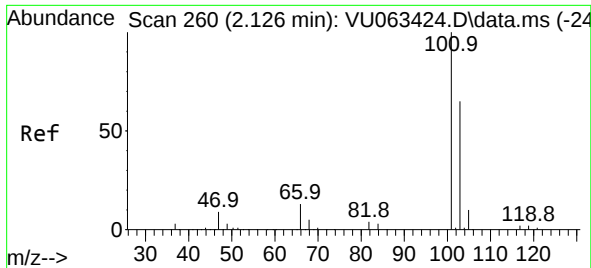
Tgt Ion: 94 Resp: 56563
Ion Ratio Lower Upper
94 100
96 94.1 74.8 112.2



#6
Chloroethane
Concen: 5.241 ug/l
RT: 1.923 min Scan# 197
Delta R.T. -0.000 min
Lab File: VU063423.D
Acq: 23 Jun 2025 11:39

Tgt Ion: 64 Resp: 72598
Ion Ratio Lower Upper
64 100
66 31.0 25.7 38.5

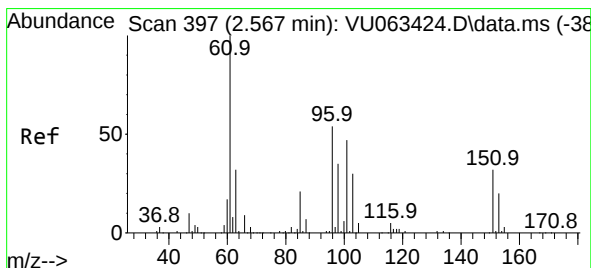
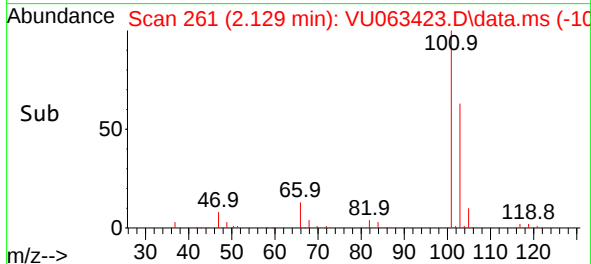
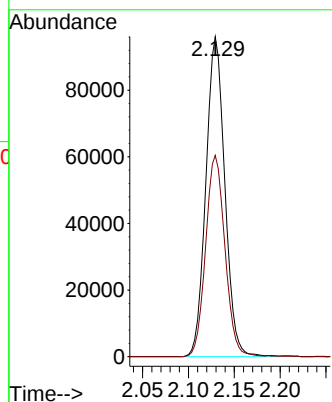
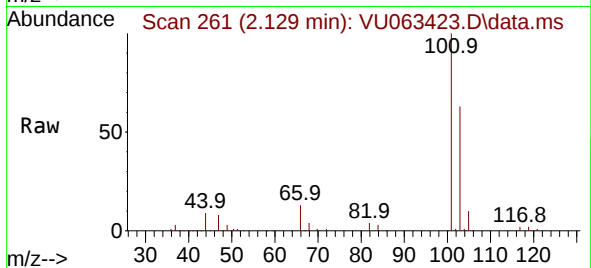




#7
Trichlorofluoromethane
Concen: 5.172 ug/l
RT: 2.129 min Scan# 20
Delta R.T. 0.003 min
Lab File: VU063423.D
Acq: 23 Jun 2025 11:39

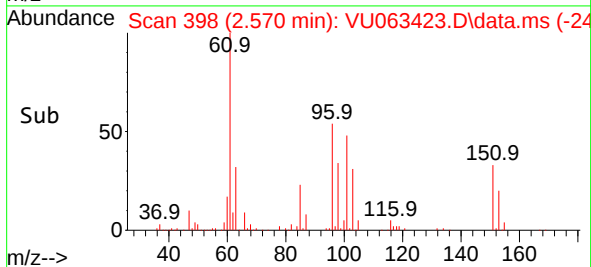
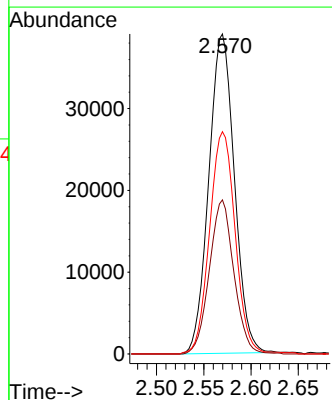
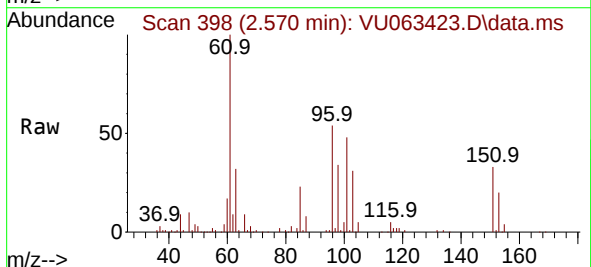
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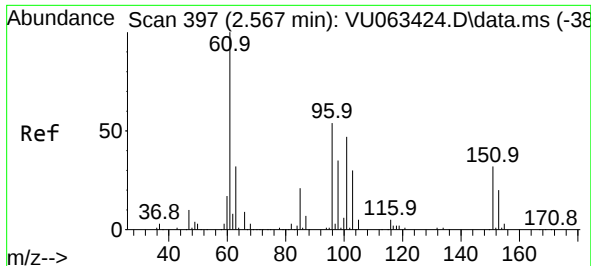
Tgt Ion:101 Resp: 137921
Ion Ratio Lower Upper
101 100
103 62.9 52.3 78.5



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.179 ug/l
RT: 2.570 min Scan# 398
Delta R.T. 0.003 min
Lab File: VU063423.D
Acq: 23 Jun 2025 11:39

Tgt Ion:101 Resp: 73554
Ion Ratio Lower Upper
101 100
85 46.2 36.7 55.1
151 69.9 53.9 80.9

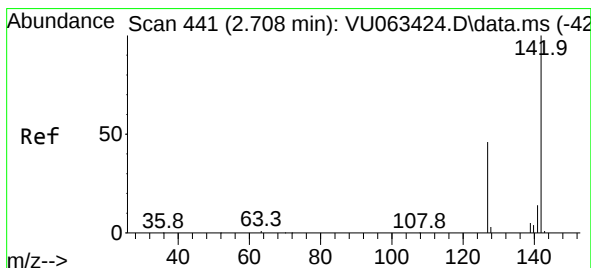
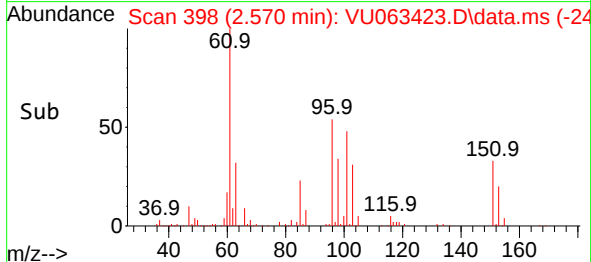
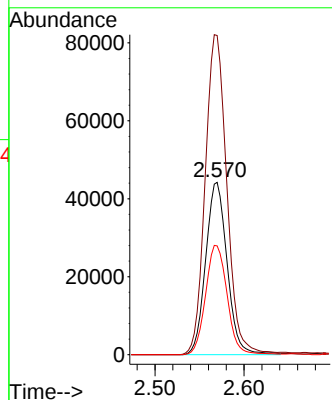
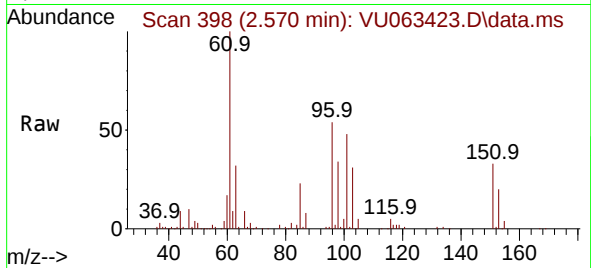




#9
1,1-Dichloroethene
Concen: 5.222 ug/l
RT: 2.570 min Scan# 397
Delta R.T. 0.003 min
Lab File: VU063423.D
Acq: 23 Jun 2025 11:39

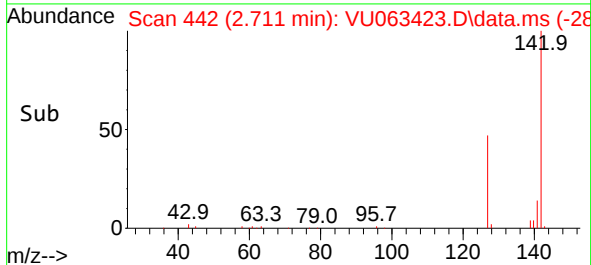
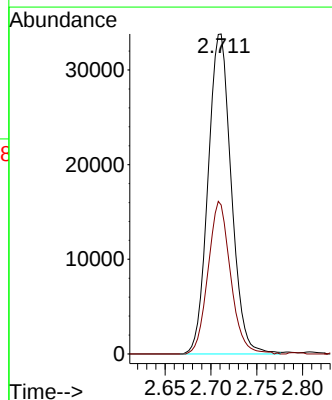
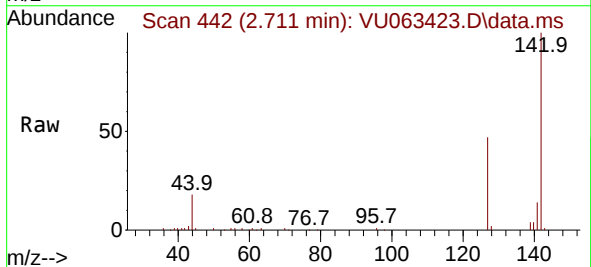
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MSVOA_U
ClientSampleId :
VSTDIC005

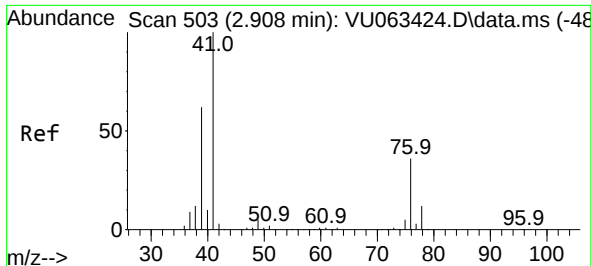
Tgt Ion: 96 Resp: 74019
Ion Ratio Lower Upper
96 100
61 185.2 0.0 552.0
98 63.2 0.0 128.4



#10
Iodomethane
Concen: 5.203 ug/l
RT: 2.711 min Scan# 442
Delta R.T. 0.003 min
Lab File: VU063423.D
Acq: 23 Jun 2025 11:39

Tgt Ion: 142 Resp: 59524
Ion Ratio Lower Upper
142 100
127 46.3 36.9 55.3





#11

Allyl Chloride

Concen: 5.158 ug/l

RT: 2.911 min Scan# 503

Delta R.T. 0.003 min

Lab File: VU063423.D

Acq: 23 Jun 2025 11:39

Instrument :

MSVOA_U

ClientSampleId :

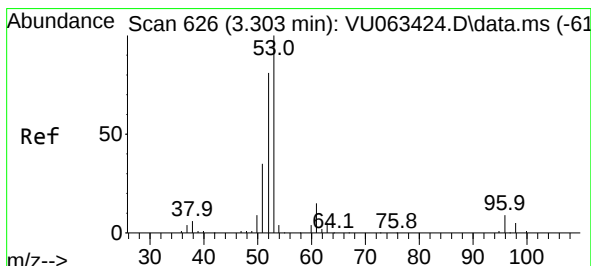
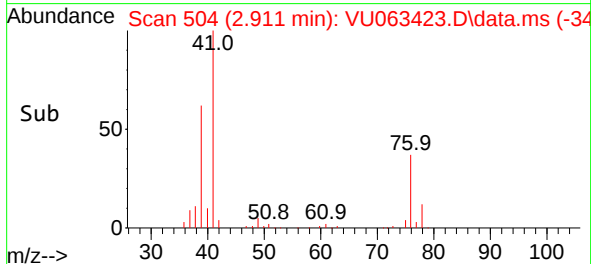
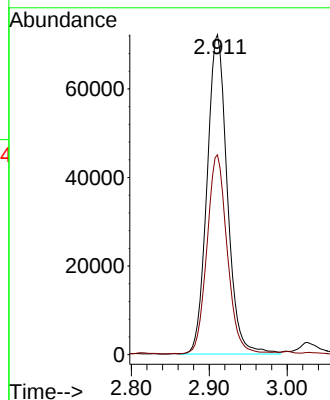
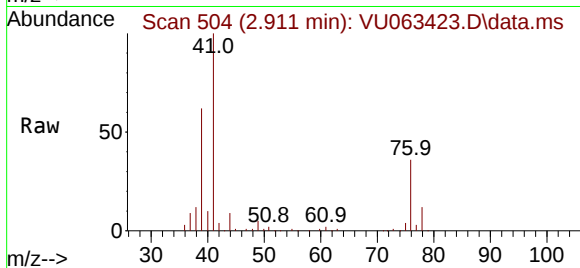
VSTDIC005

Tgt Ion: 41 Resp: 130206

Ion Ratio Lower Upper

41 100

39 62.0 50.3 75.5



#12

Acrylonitrile

Concen: 10.326 ug/l

RT: 3.306 min Scan# 627

Delta R.T. 0.003 min

Lab File: VU063423.D

Acq: 23 Jun 2025 11:39

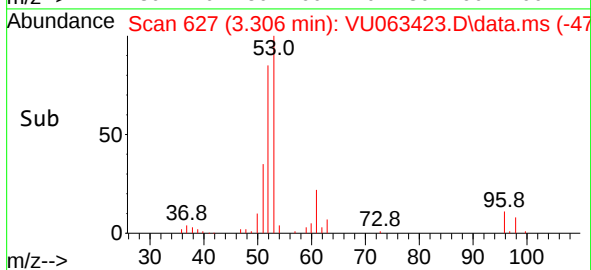
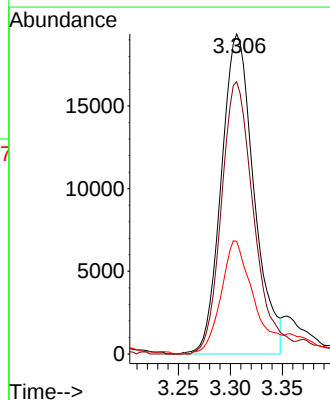
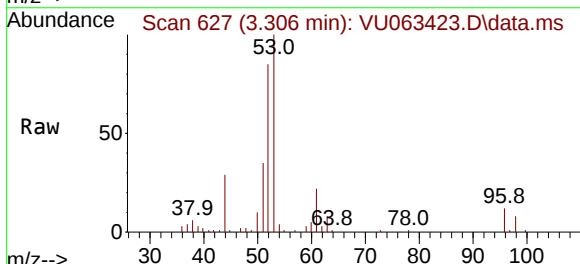
Tgt Ion: 53 Resp: 42288

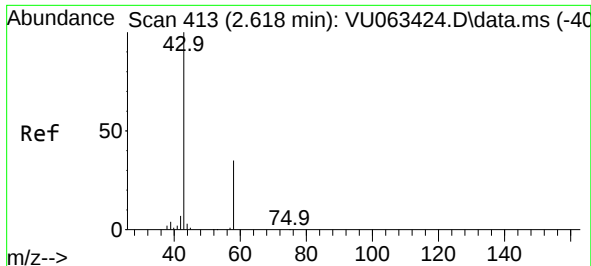
Ion Ratio Lower Upper

53 100

52 84.7 62.8 94.2

51 35.7 26.2 39.4





#13

Acetone

Concen: 30.131 ug/l

RT: 2.618 min Scan# 413

Delta R.T. -0.000 min

Lab File: VU063423.D

Acq: 23 Jun 2025 11:39

Instrument :

MSVOA_U

ClientSampleId :

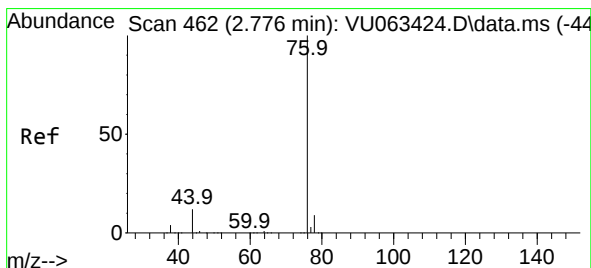
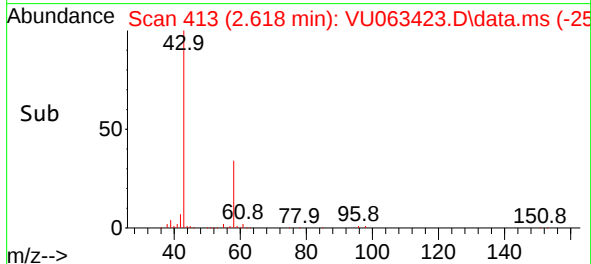
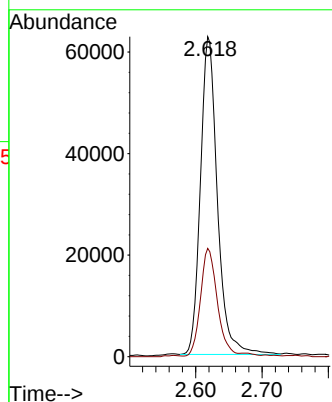
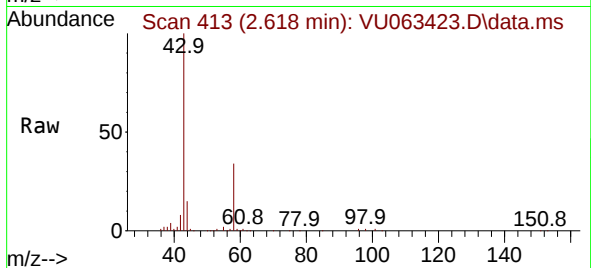
VSTDICC005

Tgt Ion: 43 Resp: 111236

Ion Ratio Lower Upper

43 100

58 33.8 28.3 42.5



#14

Carbon Disulfide

Concen: 5.136 ug/l

RT: 2.779 min Scan# 463

Delta R.T. 0.003 min

Lab File: VU063423.D

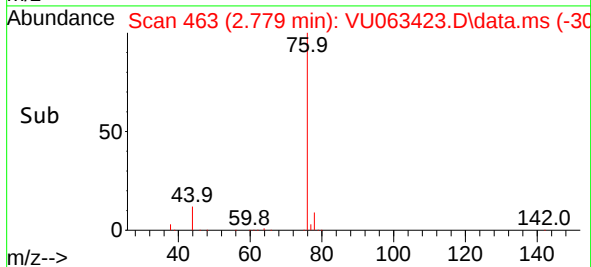
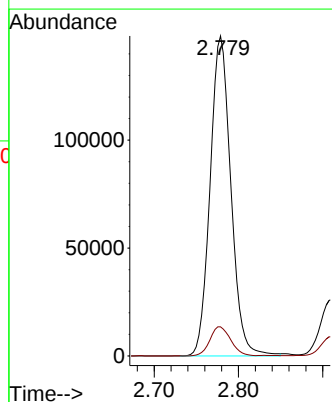
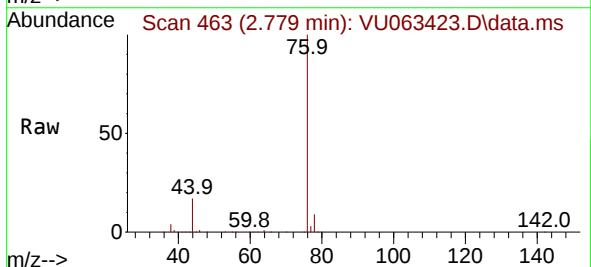
Acq: 23 Jun 2025 11:39

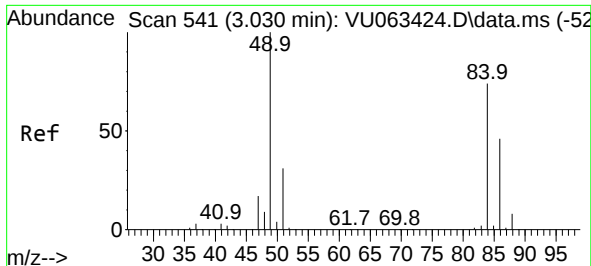
Tgt Ion: 76 Resp: 253848

Ion Ratio Lower Upper

76 100

78 9.0 6.9 10.3



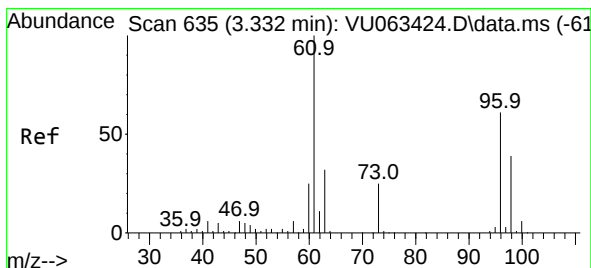
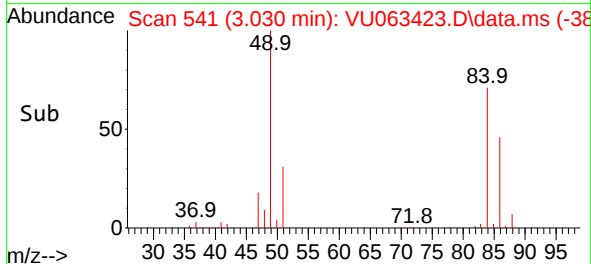
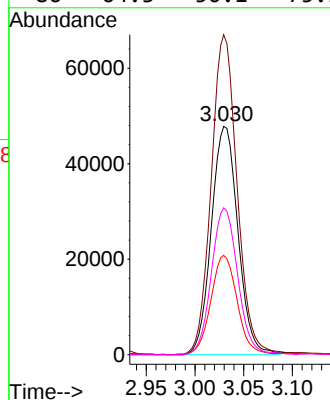
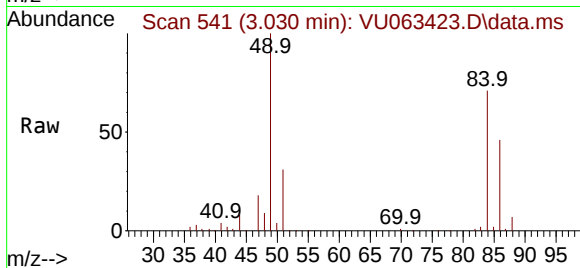


#15
Methylene Chloride
Concen: 5.064 ug/l
RT: 3.030 min Scan# 541
Delta R.T. -0.000 min
Lab File: VU063423.D
Acq: 23 Jun 2025 11:39

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 84 Resp: 90967

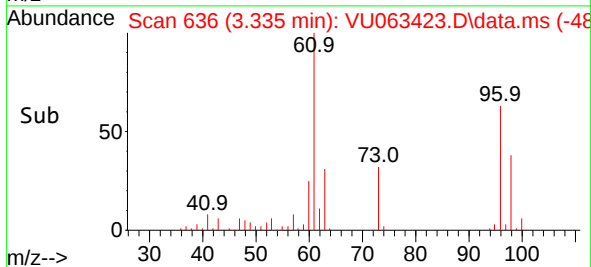
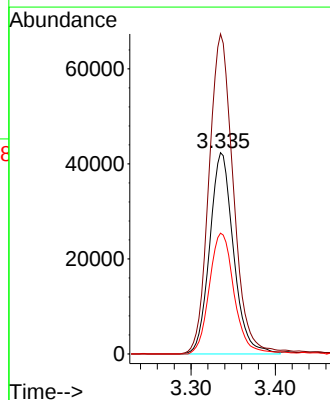
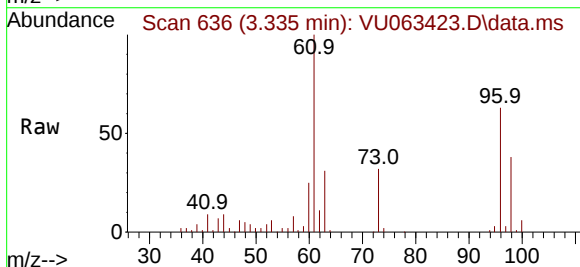
Ion	Ratio	Lower	Upper
84	100		
49	140.1	108.7	163.1
51	43.2	0.0	83.8
86	64.3	50.1	75.1



#16
trans-1,2-Dichloroethene
Concen: 5.220 ug/l
RT: 3.335 min Scan# 636
Delta R.T. 0.003 min
Lab File: VU063423.D
Acq: 23 Jun 2025 11:39

Tgt Ion: 96 Resp: 83247

Ion	Ratio	Lower	Upper
96	100		
61	159.0	132.1	198.1
98	60.0	51.0	76.4





#17

1,1-Dichloroethane

Concen: 5.194 ug/l

RT: 3.849 min Scan# 796

Delta R.T. -0.000 min

Lab File: VU063423.D

Acq: 23 Jun 2025 11:39

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

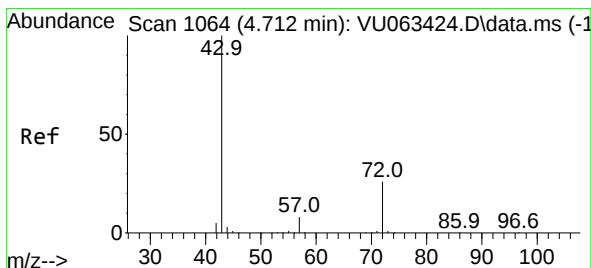
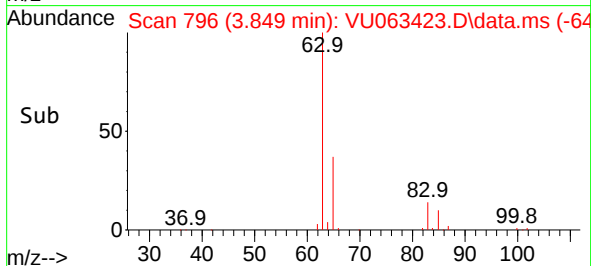
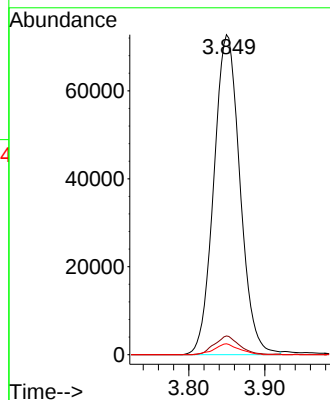
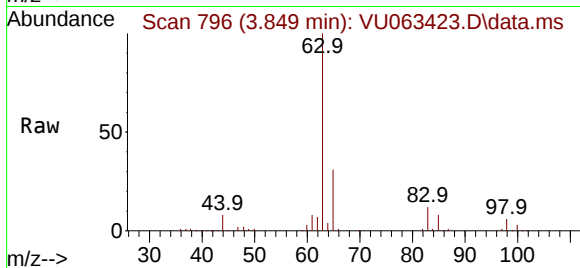
Tgt Ion: 63 Resp: 173909

Ion Ratio Lower Upper

63 100

98 5.9 2.8 8.4

100 3.4 1.9 5.7



#18

2-Butanone

Concen: 27.315 ug/l

RT: 4.714 min Scan# 1065

Delta R.T. 0.003 min

Lab File: VU063423.D

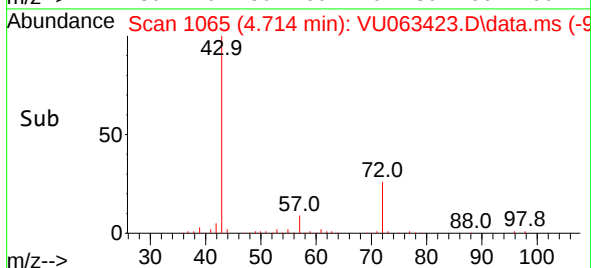
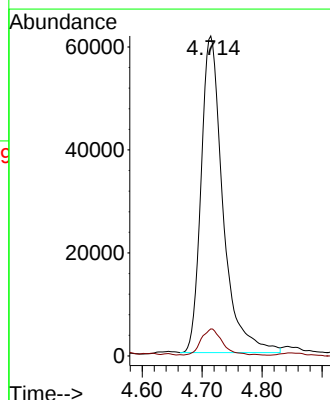
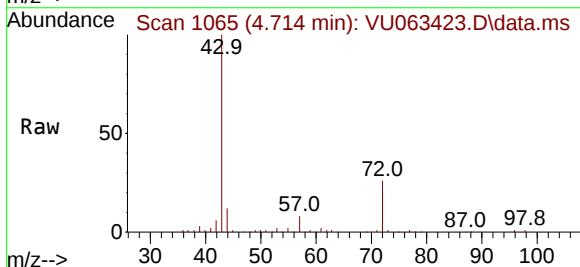
Acq: 23 Jun 2025 11:39

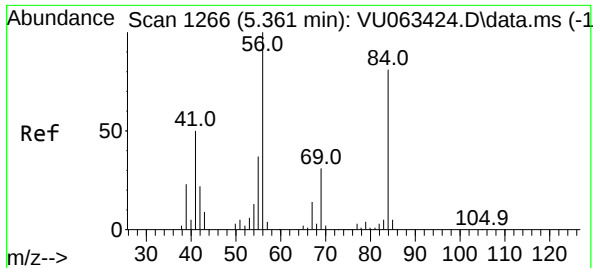
Tgt Ion: 43 Resp: 156094

Ion Ratio Lower Upper

43 100

57 8.1 0.0 16.0

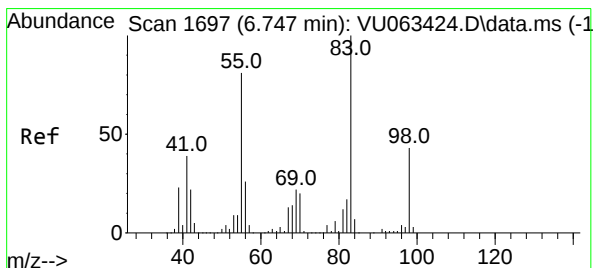
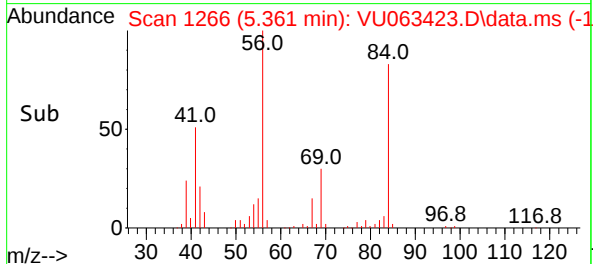
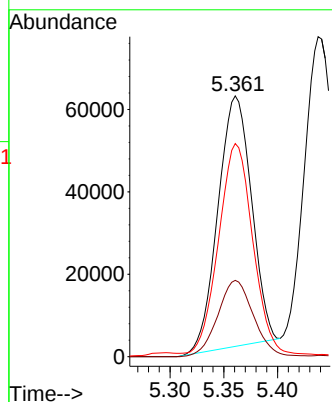
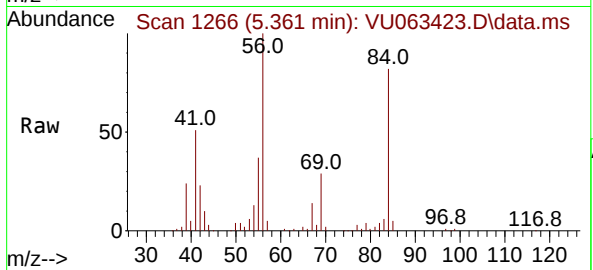




#19
Cyclohexane
Concen: 5.213 ug/l
RT: 5.361 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU063423.D
Acq: 23 Jun 2025 11:39

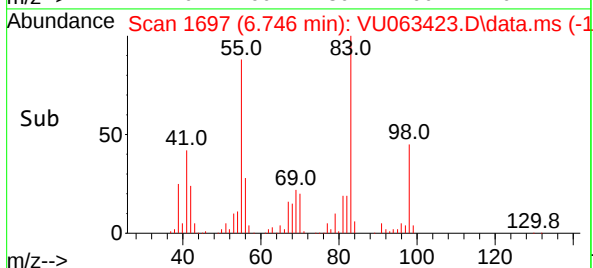
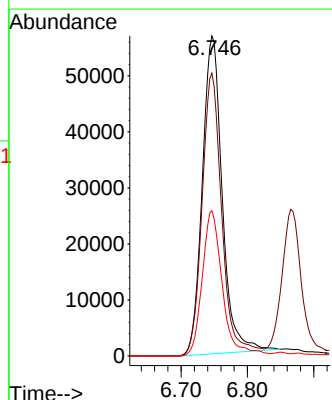
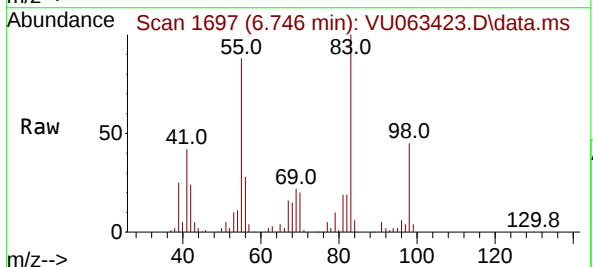
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

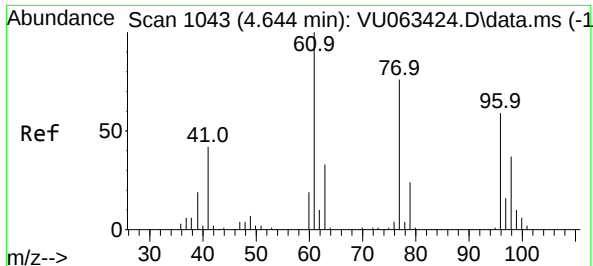
Tgt Ion:	56	Resp:	132056
Ion Ratio	Lower	Upper	
56	100		
69	31.9	26.4	39.6
84	84.7	68.6	102.8



#20
Methylcyclohexane
Concen: 5.055 ug/l
RT: 6.746 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VU063423.D
Acq: 23 Jun 2025 11:39

Tgt Ion:	83	Resp:	118326
Ion Ratio	Lower	Upper	
83	100		
55	84.9	63.5	95.3
98	44.9	34.2	51.4





#21

2,2-Dichloropropane

Concen: 5.170 ug/l

RT: 4.644 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VU063423.D

Acq: 23 Jun 2025 11:39

Instrument :

MSVOA_U

ClientSampleId :

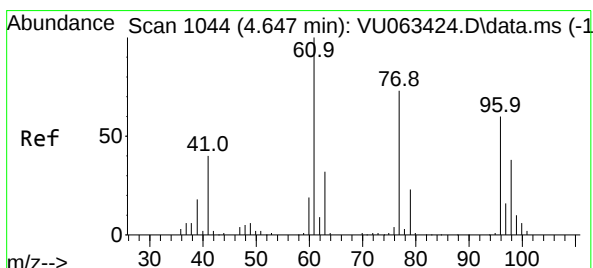
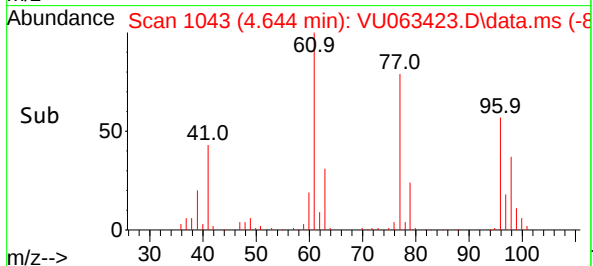
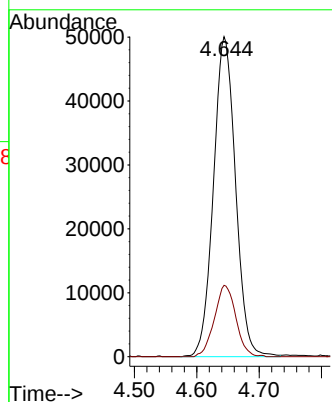
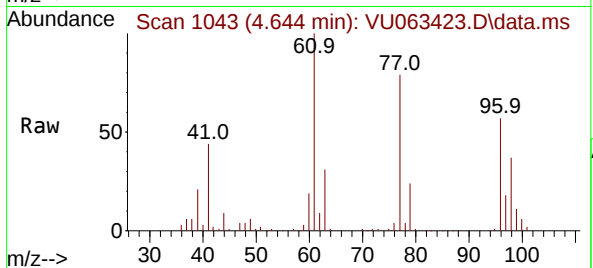
VSTDIC005

Tgt Ion: 77 Resp: 123041

Ion Ratio Lower Upper

77 100

97 21.6 17.2 25.8



#22

cis-1,2-Dichloroethene

Concen: 5.192 ug/l

RT: 4.650 min Scan# 1045

Delta R.T. 0.003 min

Lab File: VU063423.D

Acq: 23 Jun 2025 11:39

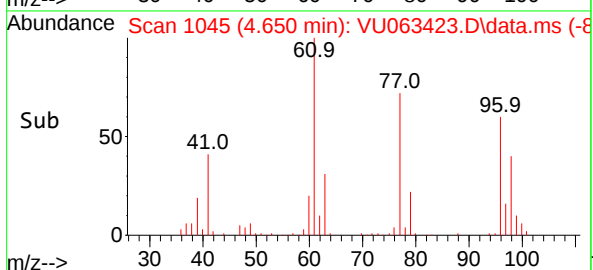
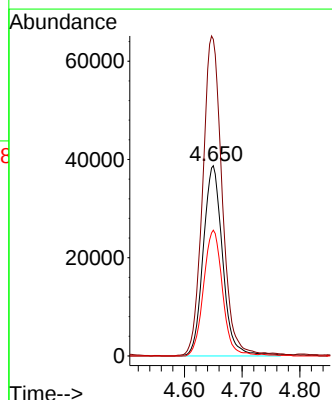
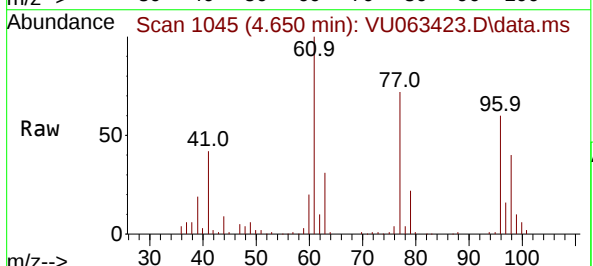
Tgt Ion: 96 Resp: 90374

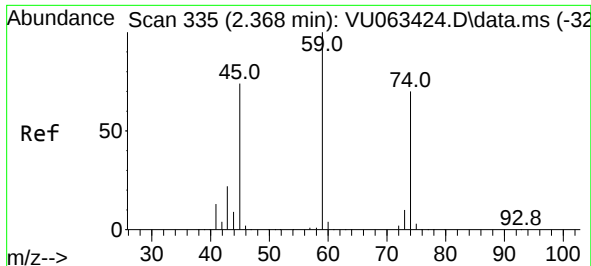
Ion Ratio Lower Upper

96 100

61 168.1 0.0 434.3

98 64.5 31.9 95.7

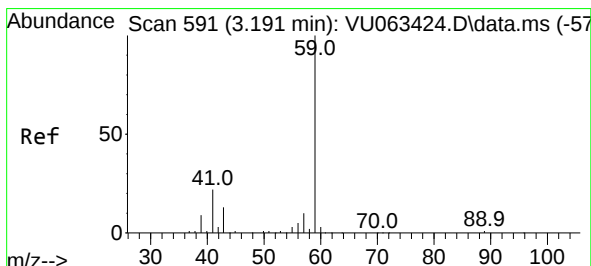
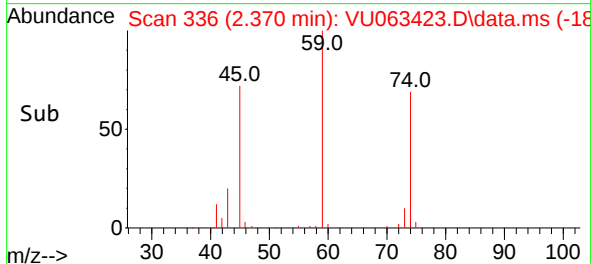
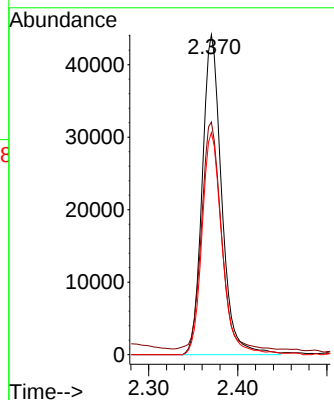
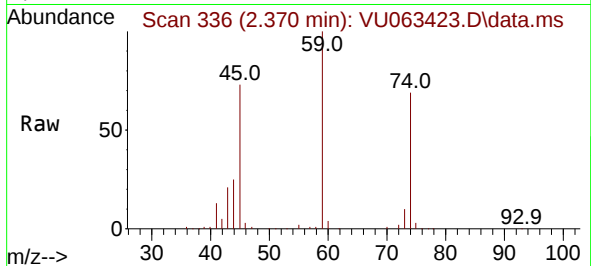




#23
Diethyl Ether
Concen: 5.219 ug/l
RT: 2.370 min Scan# 335
Delta R.T. 0.003 min
Lab File: VU063423.D
Acq: 23 Jun 2025 11:39

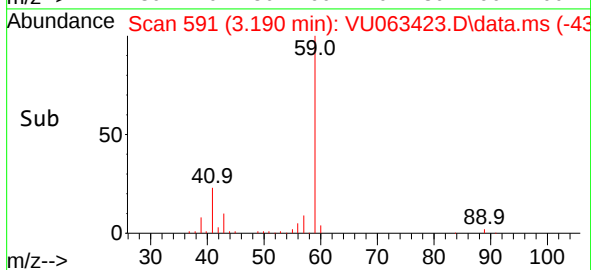
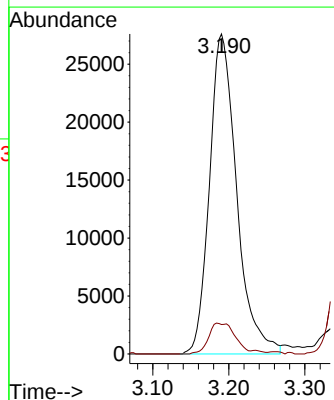
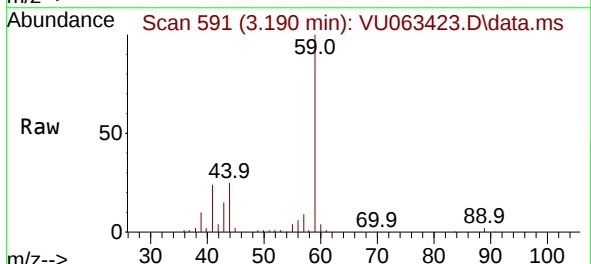
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

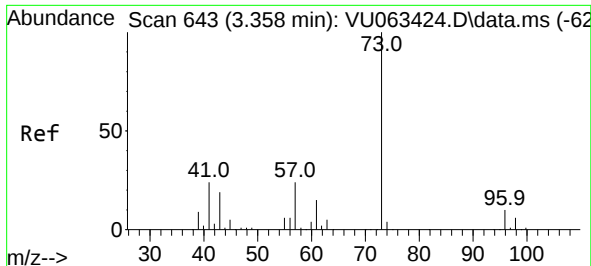
Tgt Ion: 59 Resp: 66746
Ion Ratio Lower Upper
59 100
45 73.2 60.7 91.1
74 71.3 55.8 83.6



#24
tert-Butyl Alcohol
Concen: 50.962 ug/l
RT: 3.190 min Scan# 591
Delta R.T. -0.000 min
Lab File: VU063423.D
Acq: 23 Jun 2025 11:39

Tgt Ion: 59 Resp: 68651
Ion Ratio Lower Upper
59 100
57 9.3 7.8 11.8

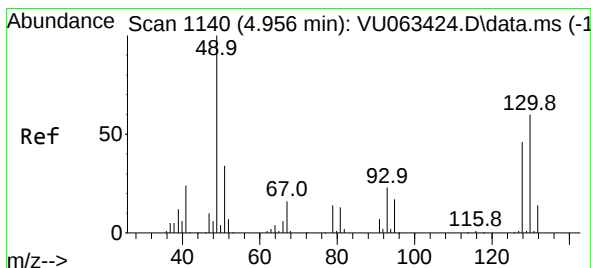
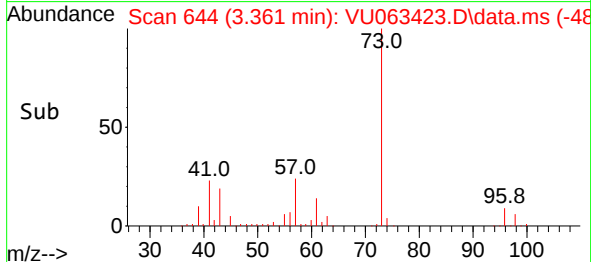
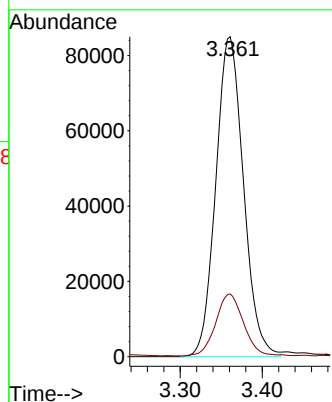
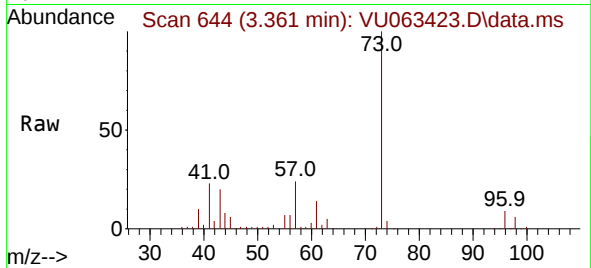




#25
Methyl tert-Butyl Ether
Concen: 5.171 ug/l
RT: 3.361 min Scan# 643
Delta R.T. 0.003 min
Lab File: VU063423.D
Acq: 23 Jun 2025 11:39

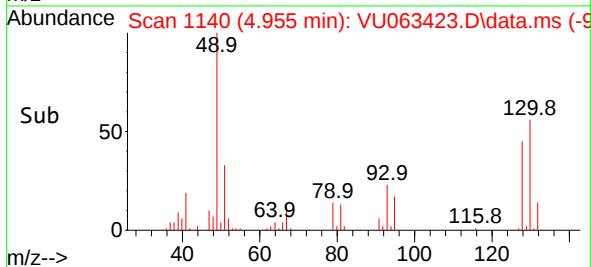
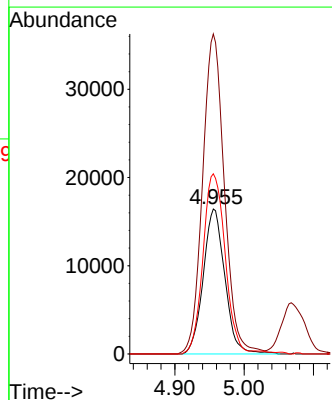
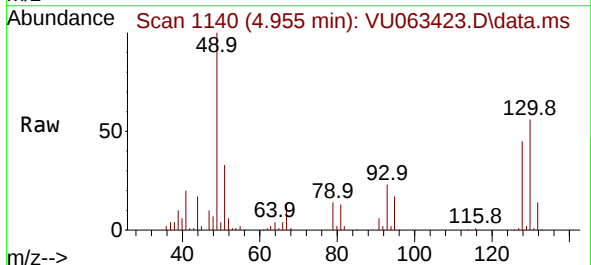
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

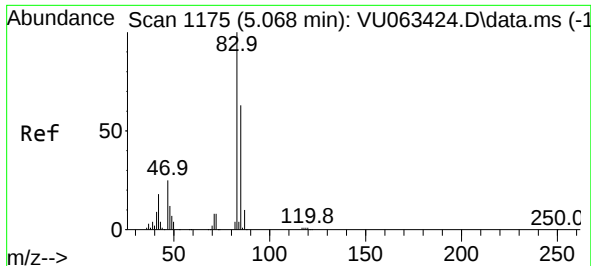
Tgt Ion: 73 Resp: 199326
Ion Ratio Lower Upper
73 100
43 19.4 15.1 22.7



#26
Bromochloromethane
Concen: 5.256 ug/l
RT: 4.955 min Scan# 1140
Delta R.T. -0.000 min
Lab File: VU063423.D
Acq: 23 Jun 2025 11:39

Tgt Ion: 128 Resp: 35606
Ion Ratio Lower Upper
128 100
49 222.1 0.0 441.2
130 127.1 102.3 153.5





#27

Chloroform

Concen: 5.164 ug/l

RT: 5.071 min Scan# 1175

Delta R.T. 0.003 min

Lab File: VU063423.D

Acq: 23 Jun 2025 11:39

Instrument :

MSVOA_U

ClientSampleId :

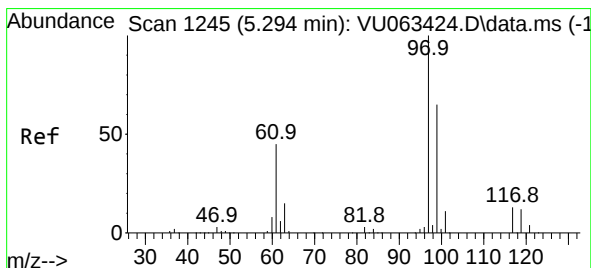
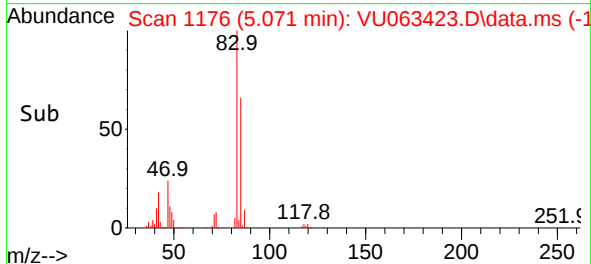
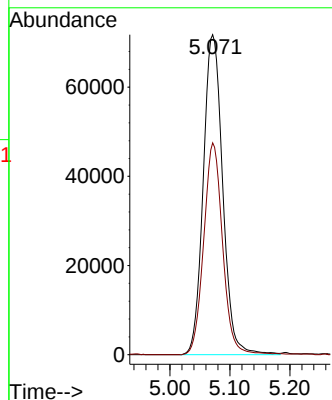
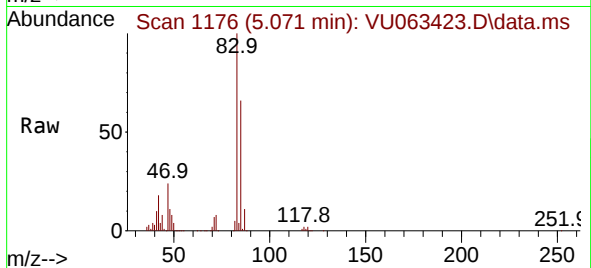
VSTDICC005

Tgt Ion: 83 Resp: 162097

Ion Ratio Lower Upper

83 100

85 66.2 0.0 126.8



#28

1,1,1-Trichloroethane

Concen: 5.356 ug/l

RT: 5.293 min Scan# 1245

Delta R.T. -0.000 min

Lab File: VU063423.D

Acq: 23 Jun 2025 11:39

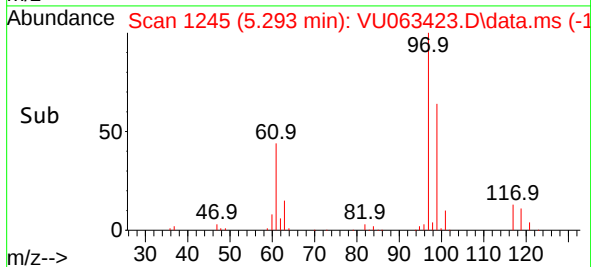
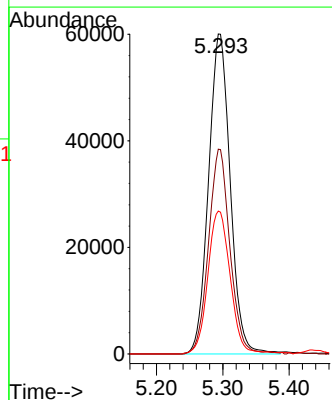
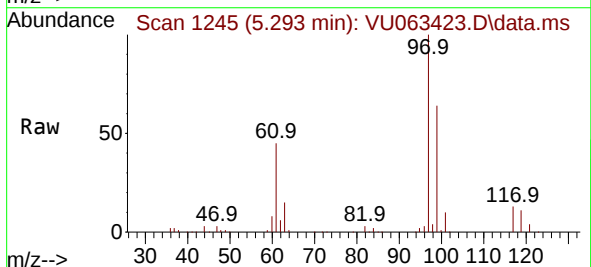
Tgt Ion: 97 Resp: 136327

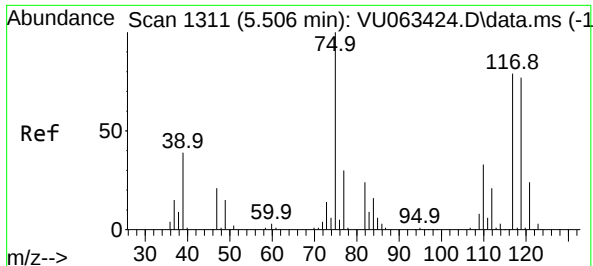
Ion Ratio Lower Upper

97 100

99 62.8 31.9 95.5

61 45.9 22.9 68.7





#29

1,1-Dichloropropene

Concen: 5.355 ug/l

RT: 5.505 min Scan# 11

Delta R.T. -0.001 min

Lab File: VU063423.D

Acq: 23 Jun 2025 11:39

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

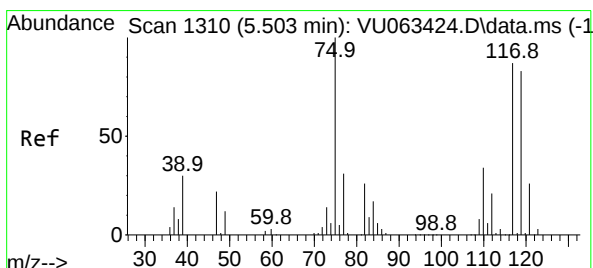
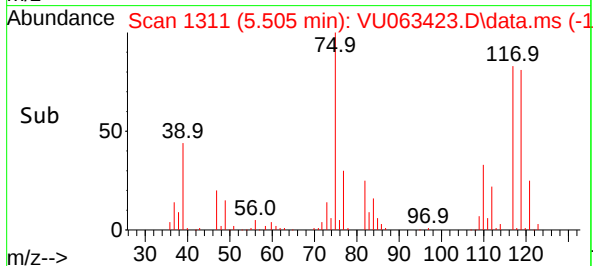
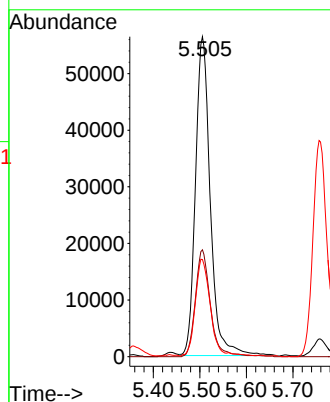
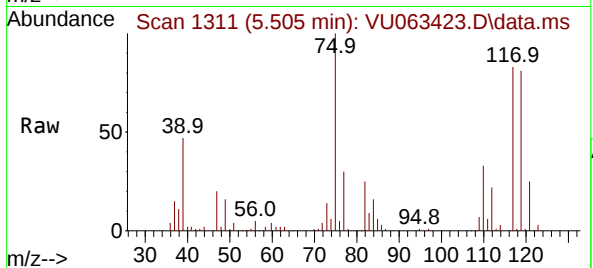
Tgt Ion: 75 Resp: 124508

Ion Ratio Lower Upper

75 100

110 33.8 17.4 52.2

77 29.6 25.4 38.0



#30

Carbon Tetrachloride

Concen: 5.373 ug/l

RT: 5.502 min Scan# 1310

Delta R.T. -0.000 min

Lab File: VU063423.D

Acq: 23 Jun 2025 11:39

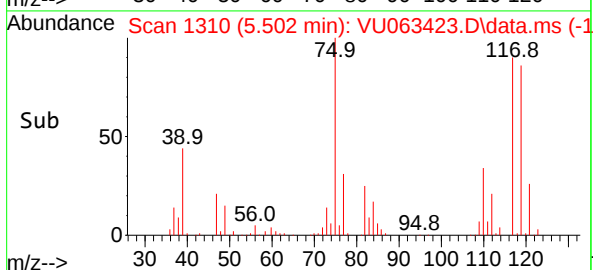
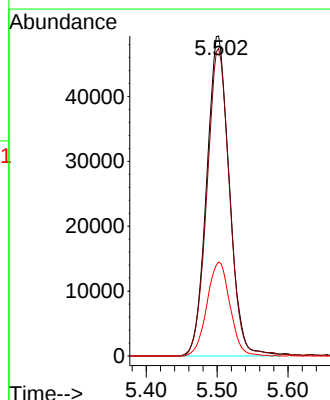
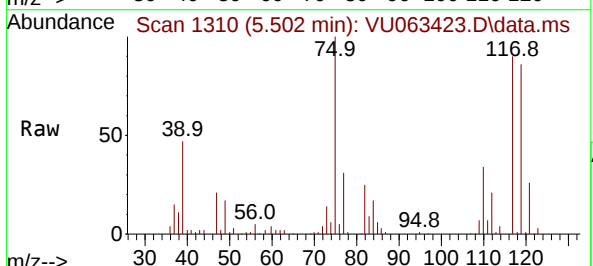
Tgt Ion: 117 Resp: 109233

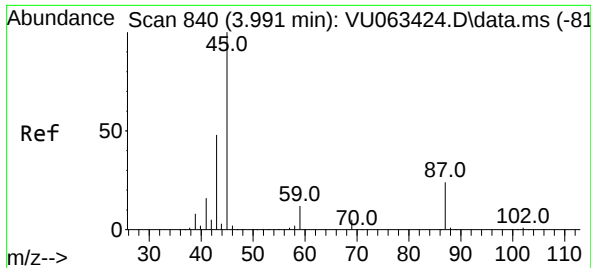
Ion Ratio Lower Upper

117 100

119 96.1 76.7 115.1

121 29.3 24.3 36.5

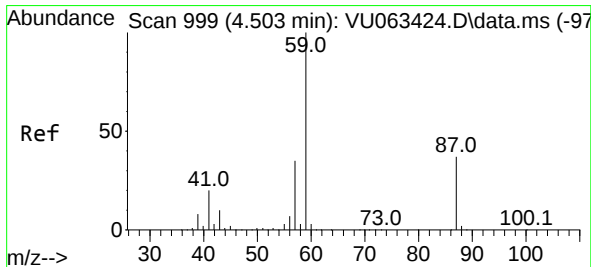
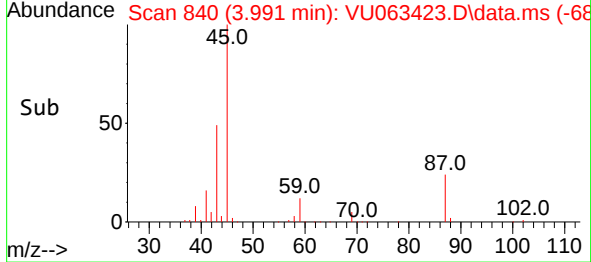
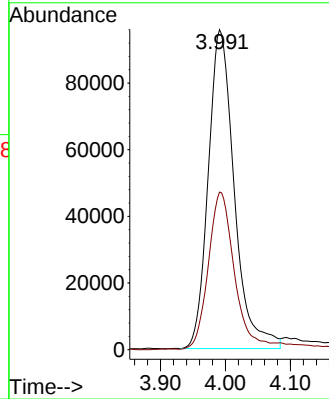
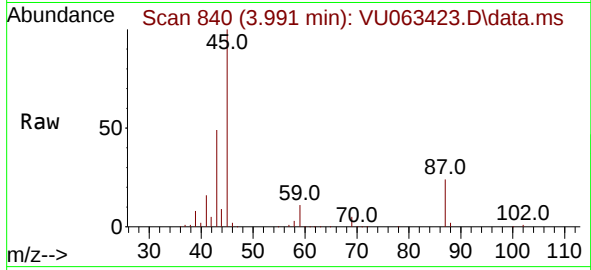




#31
Isopropyl Ether
Concen: 5.060 ug/l
RT: 3.991 min Scan# 840
Delta R.T. -0.000 min
Lab File: VU063423.D
Acq: 23 Jun 2025 11:39

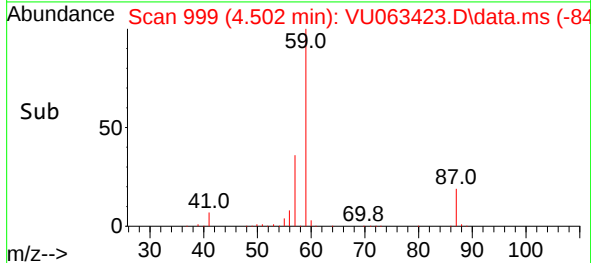
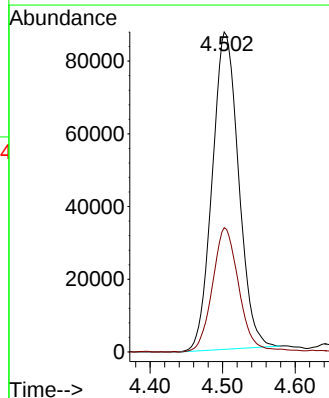
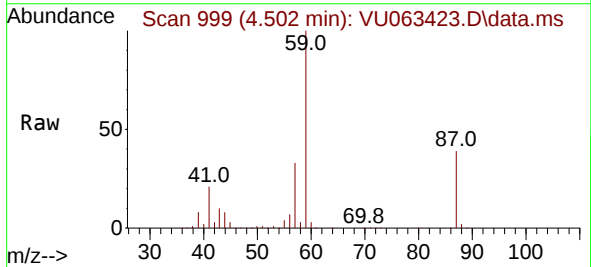
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Tgt Ion: 45 Resp: 266256
Ion Ratio Lower Upper
45 100
43 49.0 23.8 71.5



#32
Ethyl-t-butyl ether
Concen: 4.971 ug/l
RT: 4.502 min Scan# 999
Delta R.T. -0.001 min
Lab File: VU063423.D
Acq: 23 Jun 2025 11:39

Tgt Ion: 59 Resp: 220292
Ion Ratio Lower Upper
59 100
87 39.0 29.9 44.9

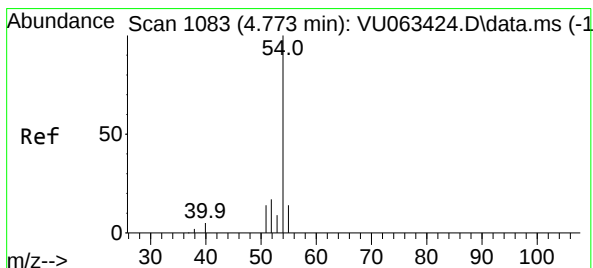
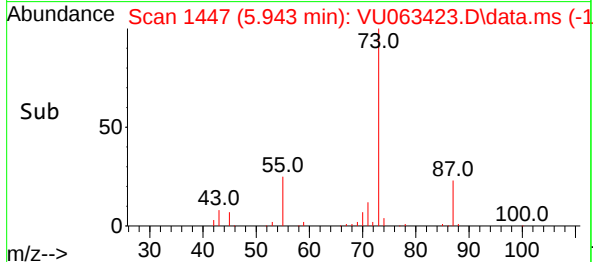
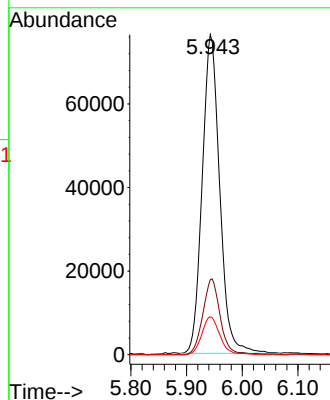
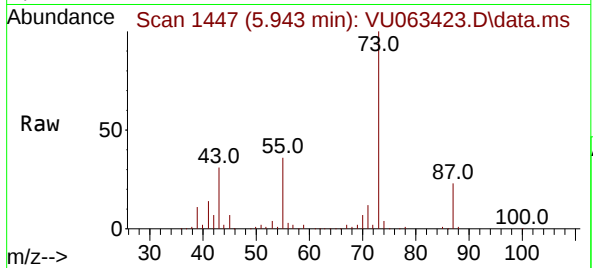




#33
Tert-Amyl methyl ether
Concen: 5.248 ug/l
RT: 5.943 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VU063423.D
Acq: 23 Jun 2025 11:39

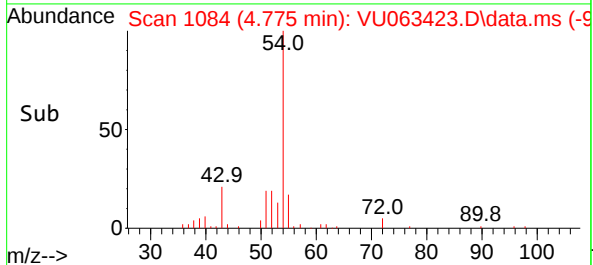
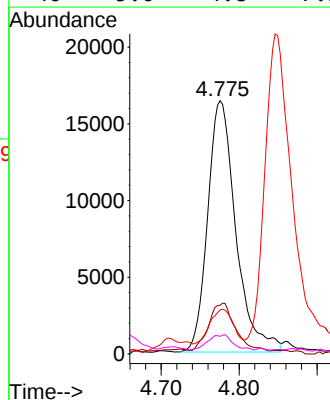
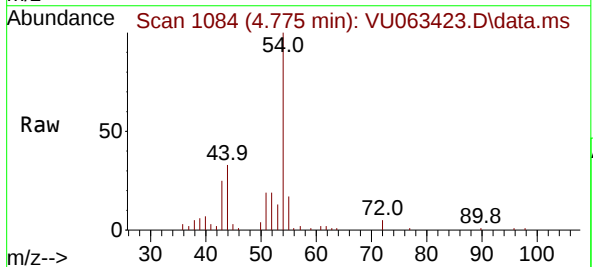
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

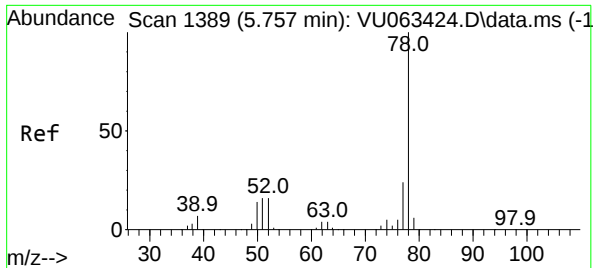
Tgt Ion: 73 Resp: 166268
Ion Ratio Lower Upper
73 100
87 23.1 18.1 27.1
71 12.3 10.0 15.0



#34
Propionitrile
Concen: 24.923 ug/l
RT: 4.775 min Scan# 1084
Delta R.T. 0.003 min
Lab File: VU063423.D
Acq: 23 Jun 2025 11:39

Tgt Ion: 54 Resp: 41198
Ion Ratio Lower Upper
54 100
52 17.6 14.8 22.2
55 10.9 12.2 18.2#
40 5.0 4.8 7.2

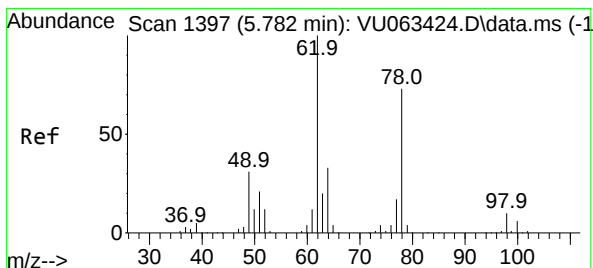
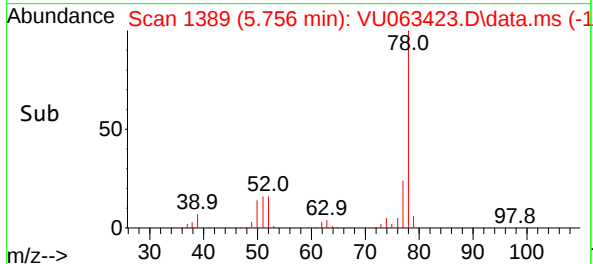
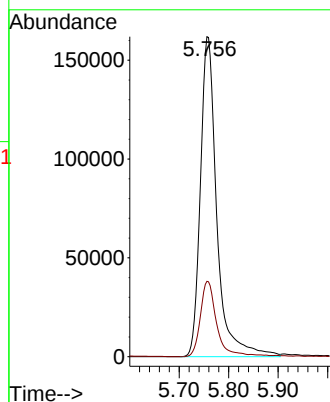
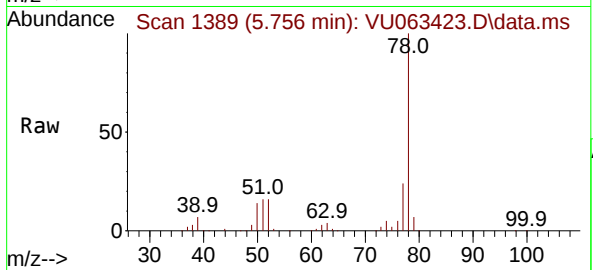




#35
Benzene
Concen: 5.329 ug/l
RT: 5.756 min Scan# 1389
Delta R.T. -0.000 min
Lab File: VU063423.D
Acq: 23 Jun 2025 11:39

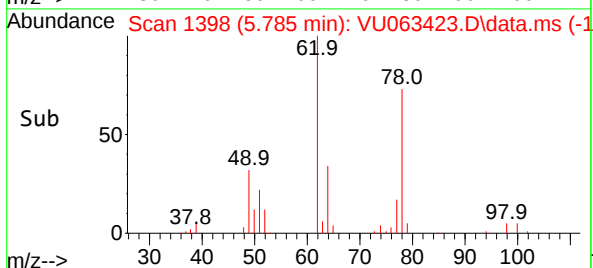
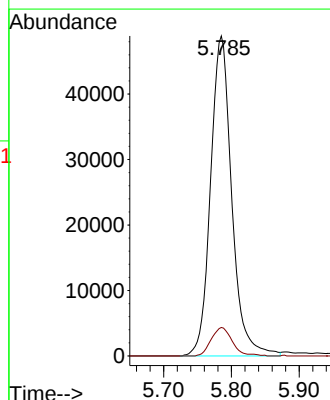
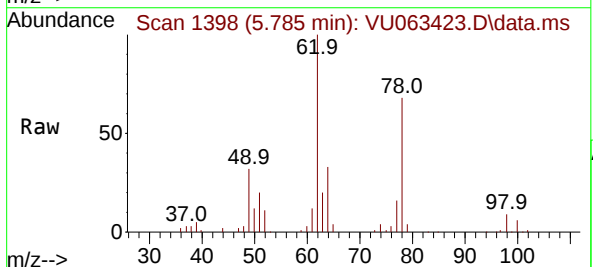
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

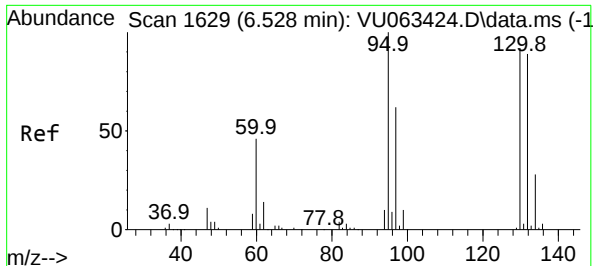
Tgt Ion: 78 Resp: 374819
Ion Ratio Lower Upper
78 100
77 23.6 19.4 29.2



#36
1,2-Dichloroethane
Concen: 5.162 ug/l
RT: 5.785 min Scan# 1398
Delta R.T. 0.003 min
Lab File: VU063423.D
Acq: 23 Jun 2025 11:39

Tgt Ion: 62 Resp: 106128
Ion Ratio Lower Upper
62 100
98 8.9 7.1 10.7





#37

Trichloroethene

Concen: 5.307 ug/l

RT: 6.531 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063423.D

Acq: 23 Jun 2025 11:39

Instrument :

MSVOA_U

ClientSampleId :

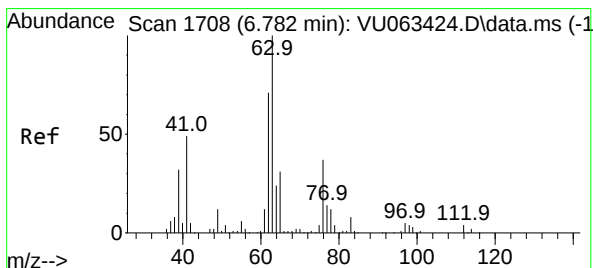
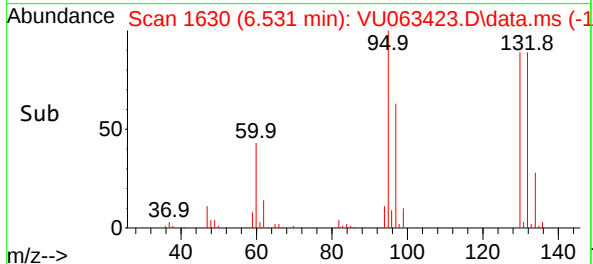
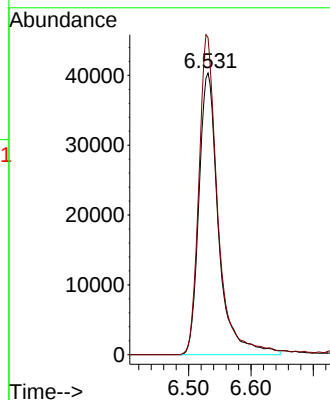
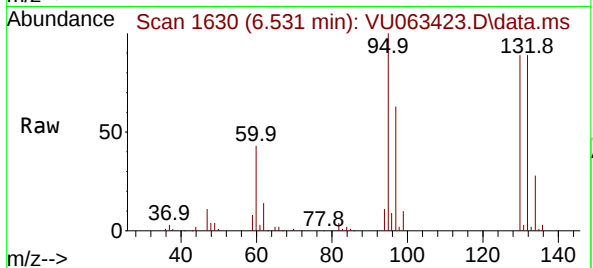
VSTDIC005

Tgt Ion:130 Resp: 88211

Ion Ratio Lower Upper

130 100

95 112.6 87.2 130.8



#38

1,2-Dichloropropane

Concen: 5.407 ug/l

RT: 6.782 min Scan# 1708

Delta R.T. -0.000 min

Lab File: VU063423.D

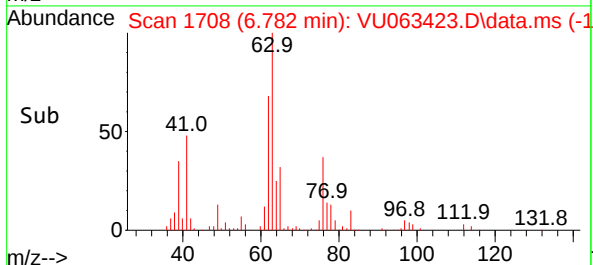
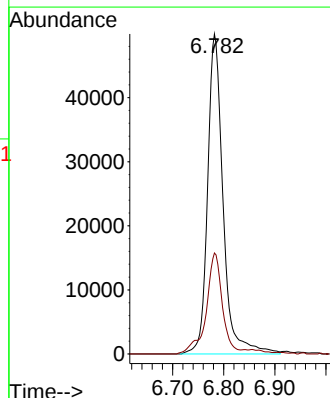
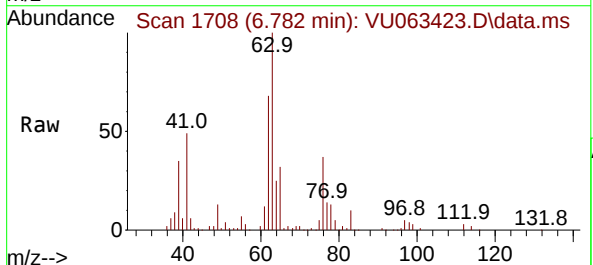
Acq: 23 Jun 2025 11:39

Tgt Ion: 63 Resp: 105038

Ion Ratio Lower Upper

63 100

65 31.2 25.0 37.6





#39

Methacrylonitrile

Concen: 4.954 ug/l

RT: 4.972 min Scan# 1145

Delta R.T. 0.003 min

Lab File: VU063423.D

Acq: 23 Jun 2025 11:39

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

Tgt Ion: 41 Resp: 34078

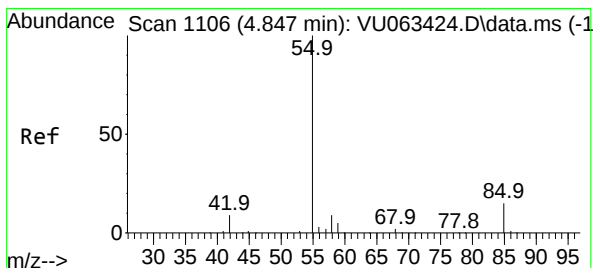
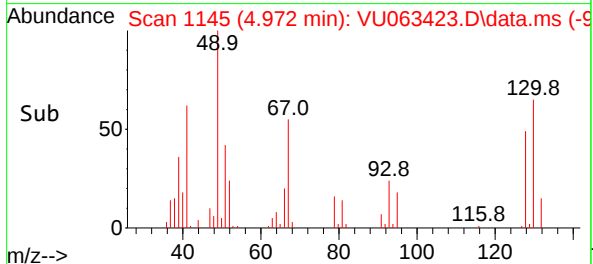
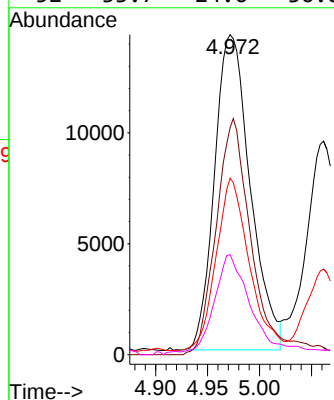
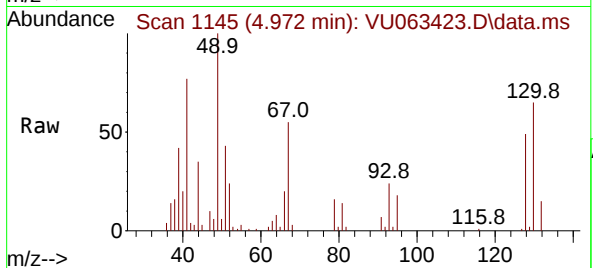
Ion Ratio Lower Upper

41 100

67 73.4 59.8 89.8

39 50.4 40.7 61.1

52 33.7 24.6 36.8



#40

Methyl acrylate

Concen: 4.935 ug/l

RT: 4.846 min Scan# 1106

Delta R.T. -0.000 min

Lab File: VU063423.D

Acq: 23 Jun 2025 11:39

Tgt Ion: 55 Resp: 47755

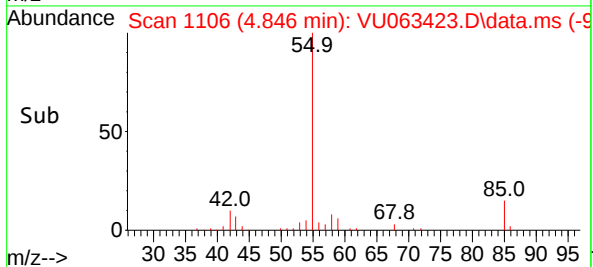
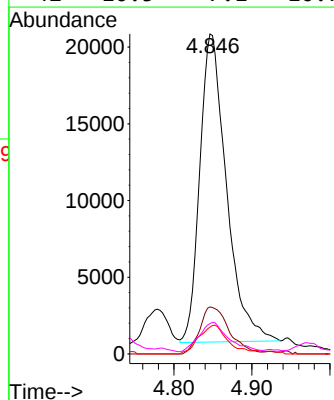
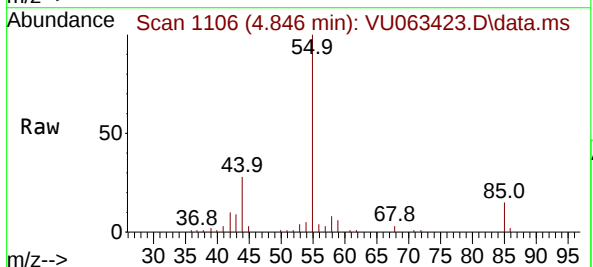
Ion Ratio Lower Upper

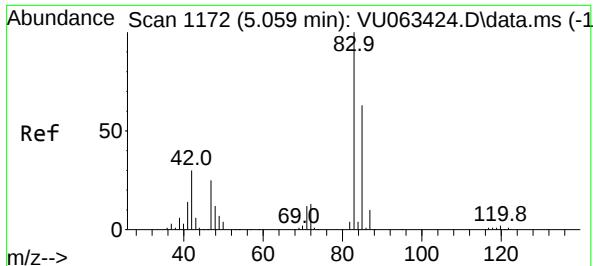
55 100

85 16.8 12.6 19.0

58 9.9 6.9 10.3

42 10.5 7.1 10.7





#41

Tetrahydrofuran

Concen: 10.027 ug/l

RT: 5.062 min Scan# 1172

Delta R.T. 0.003 min

Lab File: VU063423.D

Acq: 23 Jun 2025 11:39

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

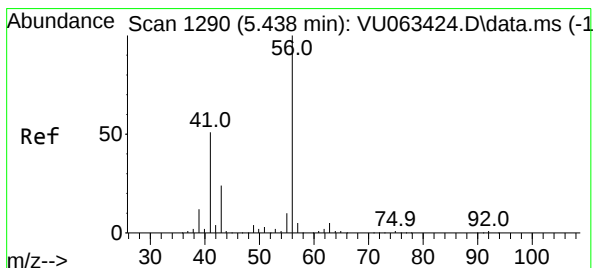
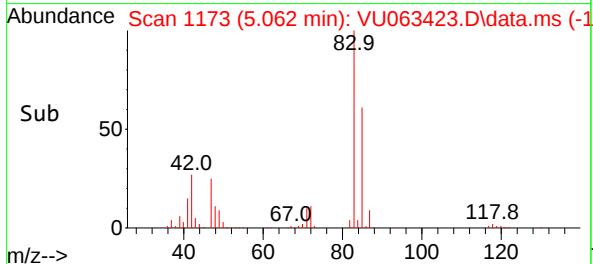
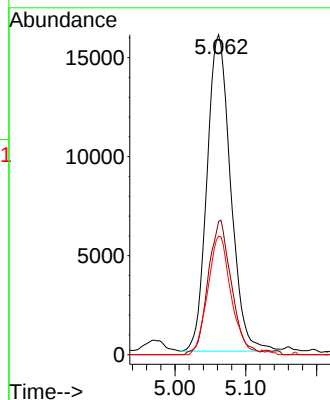
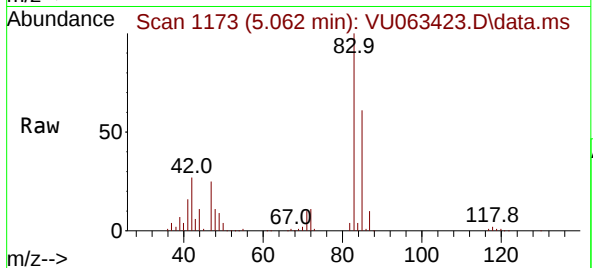
Tgt Ion: 42 Resp: 37099

Ion Ratio Lower Upper

42 100

72 41.7 35.4 53.2

71 37.0 31.4 47.0



#42

1-Chlorobutane

Concen: 5.062 ug/l

RT: 5.438 min Scan# 1290

Delta R.T. -0.000 min

Lab File: VU063423.D

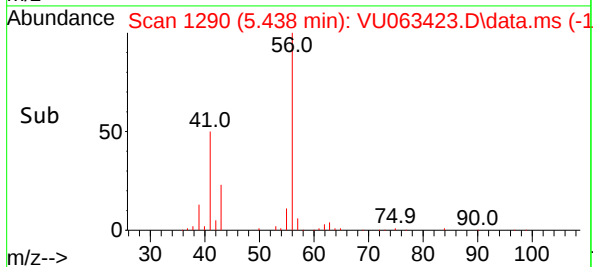
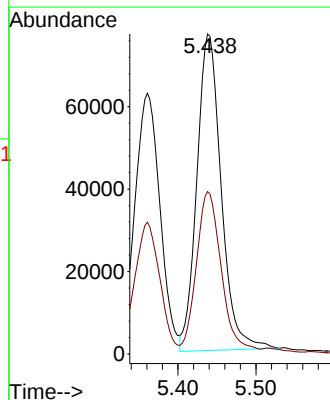
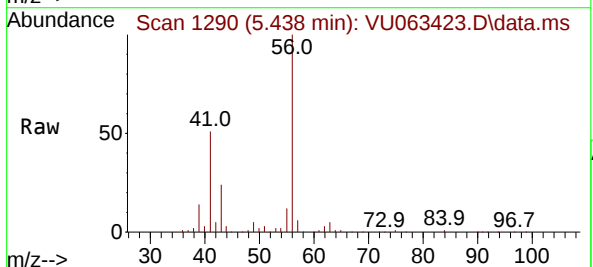
Acq: 23 Jun 2025 11:39

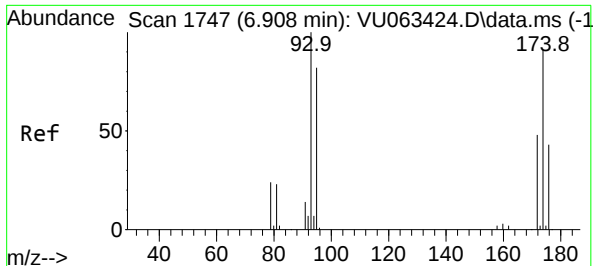
Tgt Ion: 56 Resp: 166964

Ion Ratio Lower Upper

56 100

41 50.1 26.4 79.0





#43

Dibromomethane

Concen: 5.321 ug/l

RT: 6.910 min Scan# 1

Delta R.T. 0.002 min

Lab File: VU063423.D

Acq: 23 Jun 2025 11:39

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

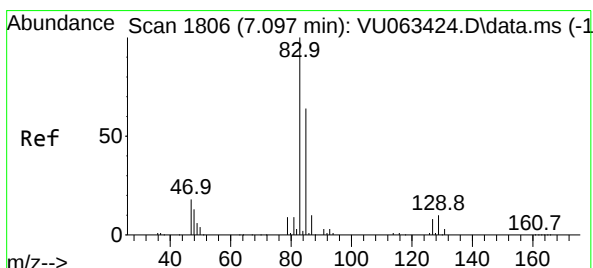
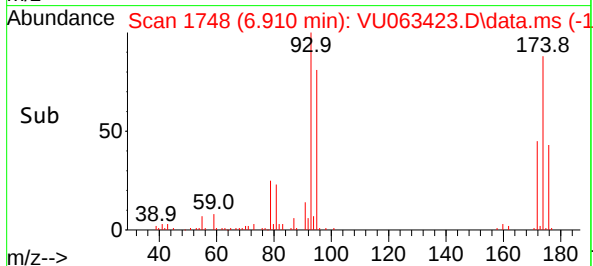
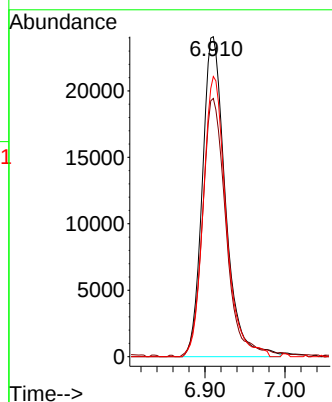
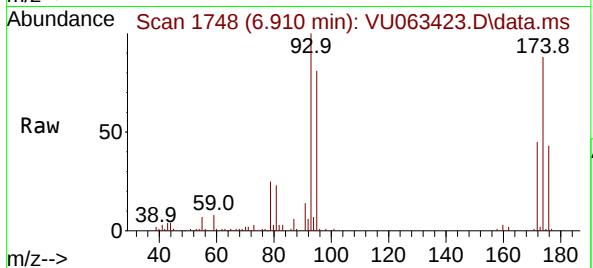
Tgt Ion: 93 Resp: 48281

Ion Ratio Lower Upper

93 100

95 82.4 66.7 100.1

174 86.9 71.1 106.7



#44

Bromodichloromethane

Concen: 5.213 ug/l

RT: 7.097 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VU063423.D

Acq: 23 Jun 2025 11:39

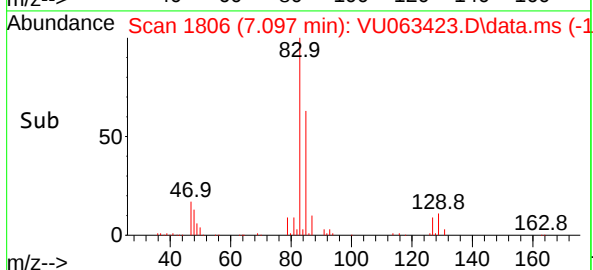
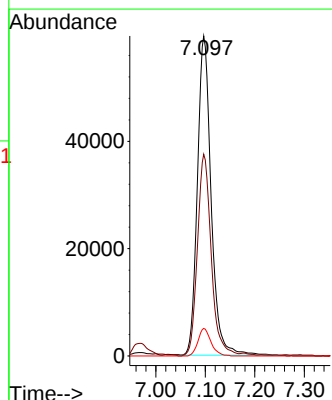
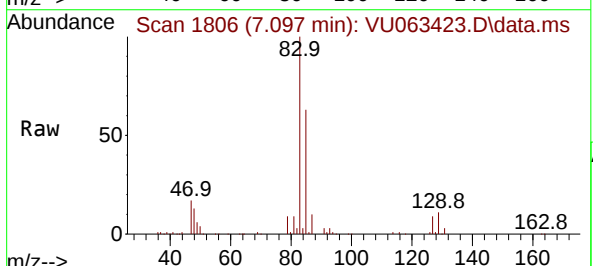
Tgt Ion: 83 Resp: 115223

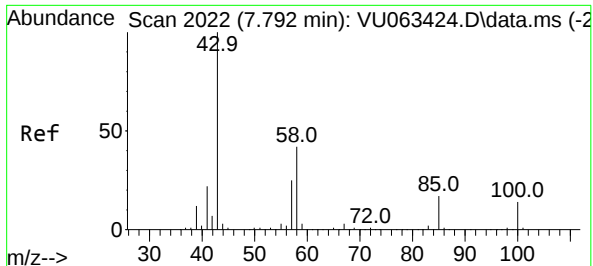
Ion Ratio Lower Upper

83 100

85 63.2 51.4 77.2

127 8.6 6.6 10.0





#45

4-Methyl-2-Pentanone

Concen: 27.468 ug/l

RT: 7.795 min Scan# 20

Delta R.T. 0.003 min

Lab File: VU063423.D

Acq: 23 Jun 2025 11:39

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

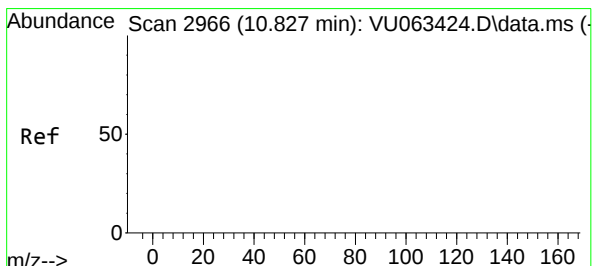
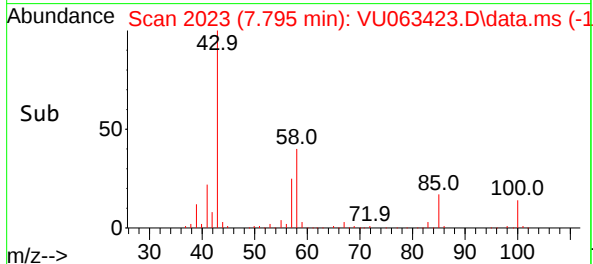
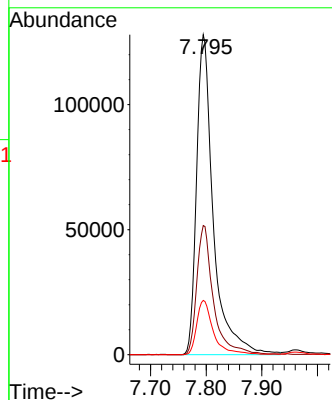
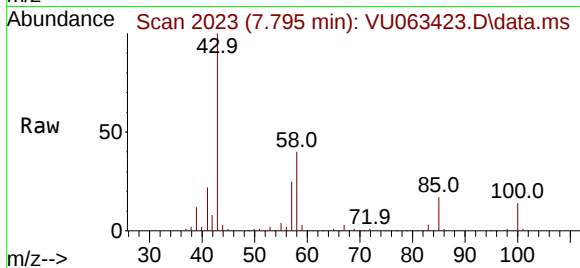
Tgt Ion: 43 Resp: 267563

Ion Ratio Lower Upper

43 100

58 40.1 20.5 61.6

85 17.0 14.2 21.2



#46

t-1,4-Dichloro-2-butene

Concen: 29.880 ug/l

RT: 10.817 min Scan# 2963

Delta R.T. -0.010 min

Lab File: VU063423.D

Acq: 23 Jun 2025 11:39

Tgt Ion: 75 Resp: 92907

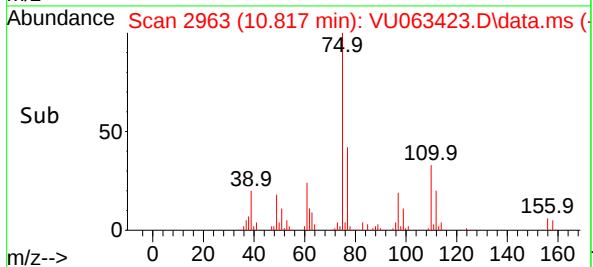
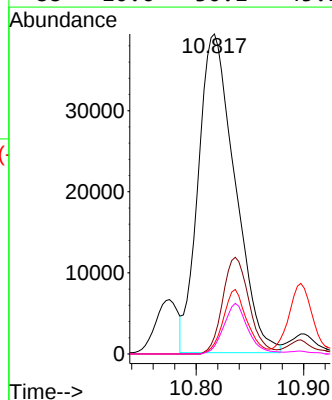
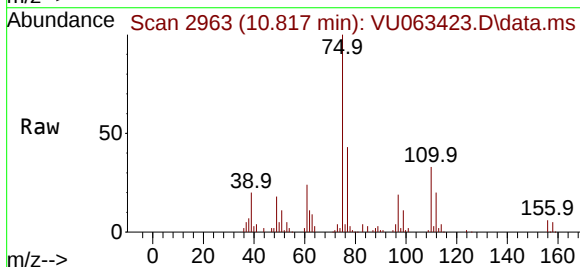
Ion Ratio Lower Upper

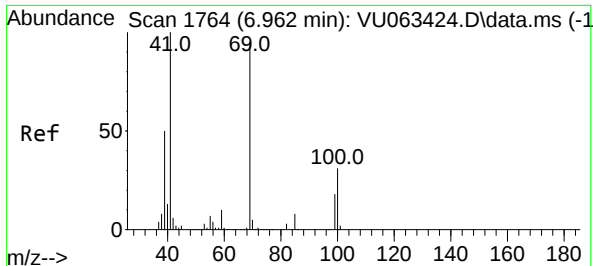
75 100

53 22.0 61.4 92.2#

89 13.3 39.2 58.8#

88 10.6 30.1 45.1#





#47

Methyl methacrylate

Concen: 9.709 ug/l

RT: 6.965 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063423.D

Acq: 23 Jun 2025 11:39

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 69 Resp: 79647

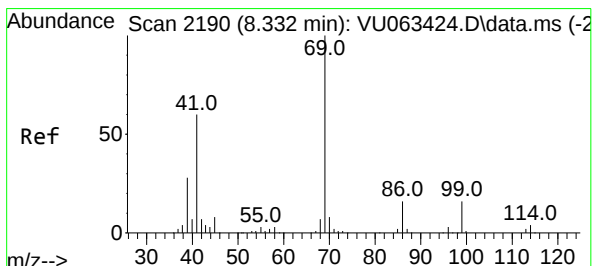
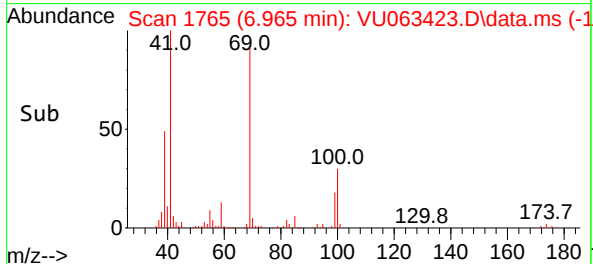
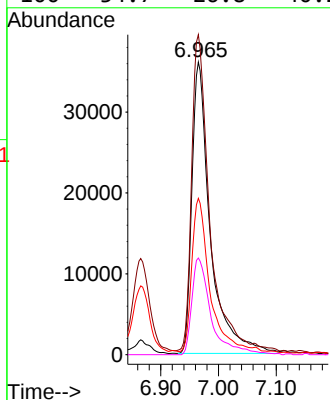
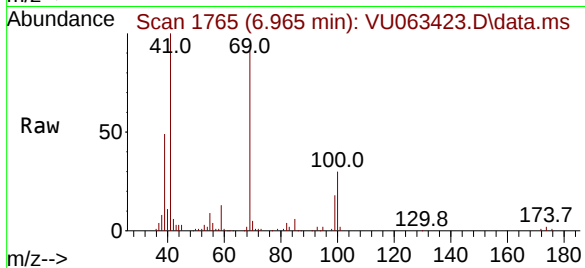
Ion Ratio Lower Upper

69 100

41 104.5 0.0 212.6

39 50.9 40.6 61.0

100 34.7 26.8 40.2



#48

Ethyl methacrylate

Concen: 5.037 ug/l

RT: 8.332 min Scan# 2190

Delta R.T. -0.000 min

Lab File: VU063423.D

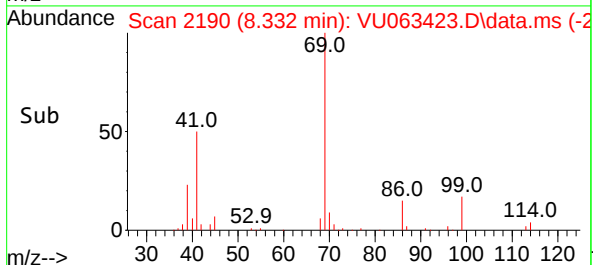
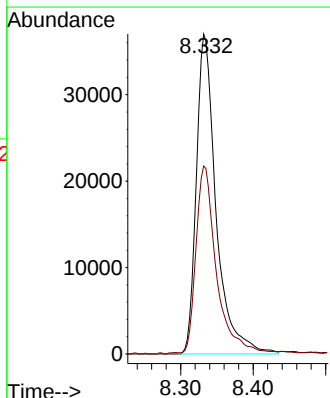
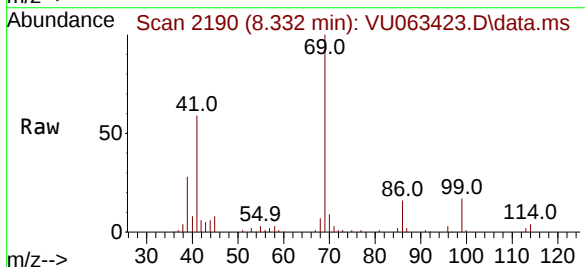
Acq: 23 Jun 2025 11:39

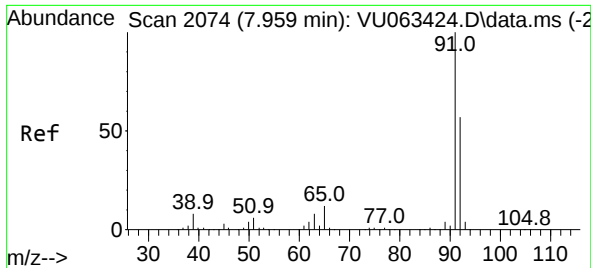
Tgt Ion: 69 Resp: 70049

Ion Ratio Lower Upper

69 100

41 59.5 30.6 92.0





#49

Toluene

Concen: 5.626 ug/l

RT: 7.962 min Scan# 2074

Delta R.T. 0.003 min

Lab File: VU063423.D

Acq: 23 Jun 2025 11:39

Instrument :

MSVOA_U

ClientSampleId :

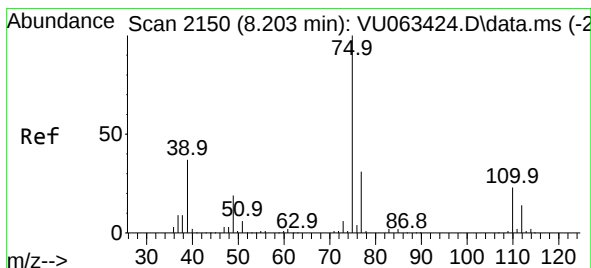
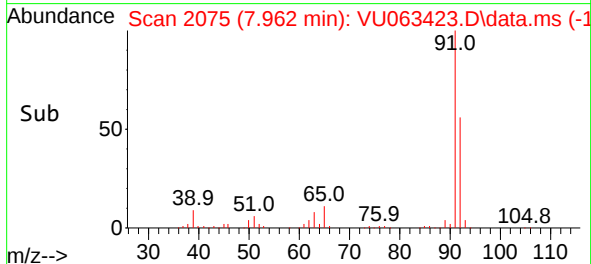
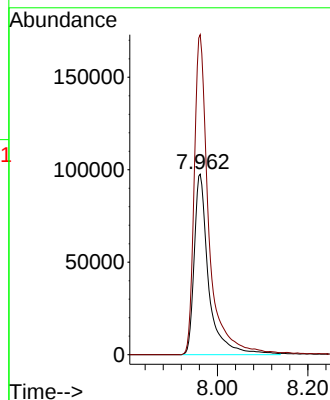
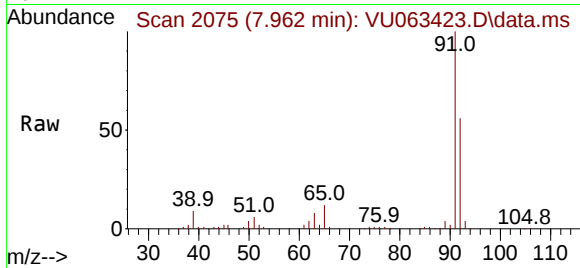
VSTDIC005

Tgt Ion: 92 Resp: 217232

Ion Ratio Lower Upper

92 100

91 176.8 142.0 213.0



#50

t-1,3-Dichloropropene

Concen: 5.356 ug/l

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU063423.D

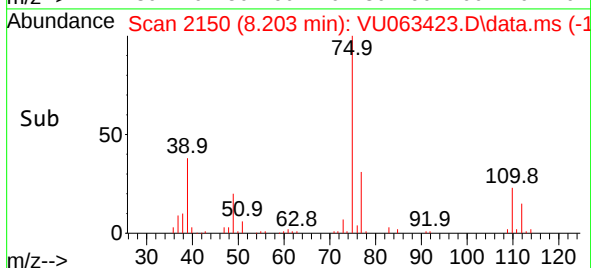
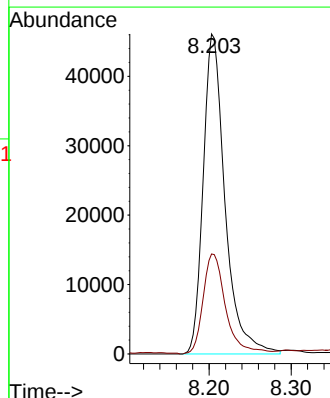
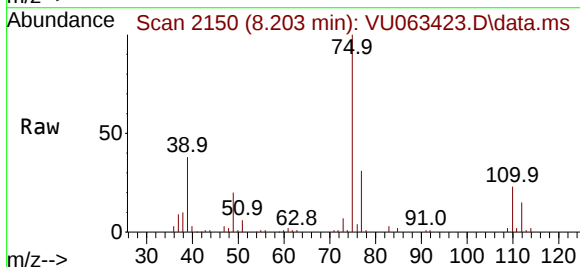
Acq: 23 Jun 2025 11:39

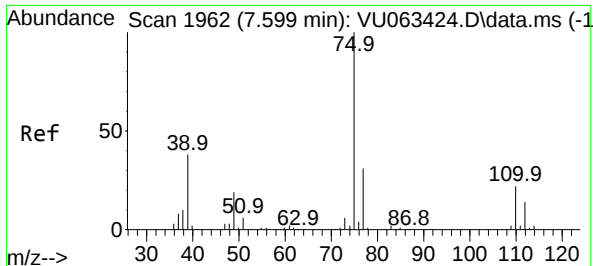
Tgt Ion: 75 Resp: 85370

Ion Ratio Lower Upper

75 100

77 31.3 24.5 36.7





#51

cis-1,3-Dichloropropene

Concen: 5.463 ug/l

RT: 7.598 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VU063423.D

Acq: 23 Jun 2025 11:39

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

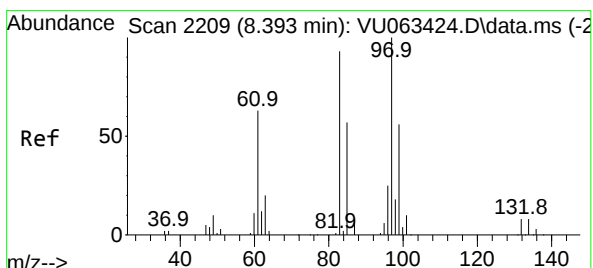
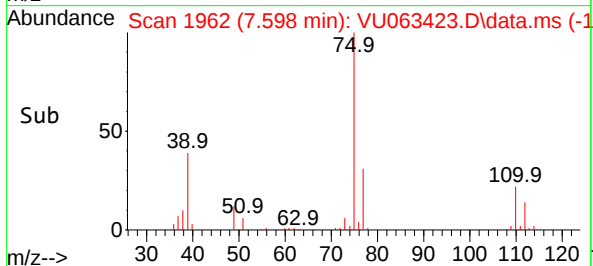
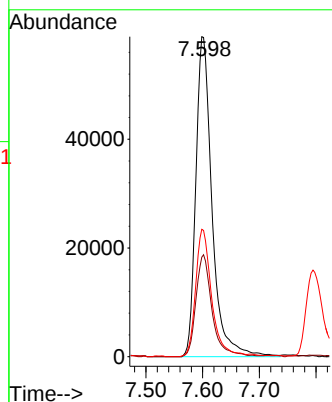
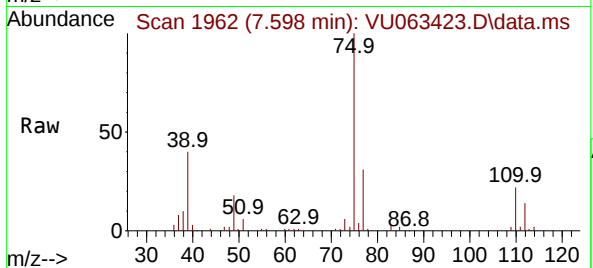
Tgt Ion: 75 Resp: 116974

Ion Ratio Lower Upper

75 100

77 31.1 24.8 37.2

39 39.8 30.7 46.1



#52

1,1,2-Trichloroethane

Concen: 5.300 ug/l

RT: 8.393 min Scan# 2209

Delta R.T. -0.000 min

Lab File: VU063423.D

Acq: 23 Jun 2025 11:39

Tgt Ion: 97 Resp: 70304

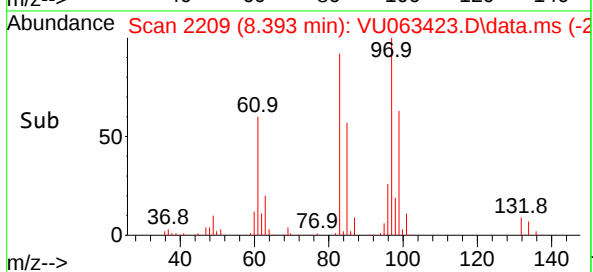
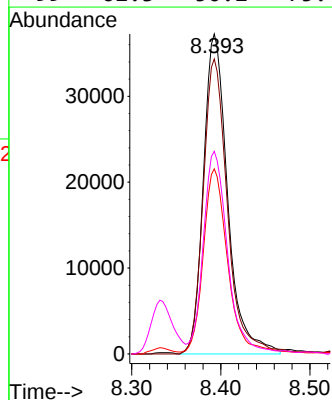
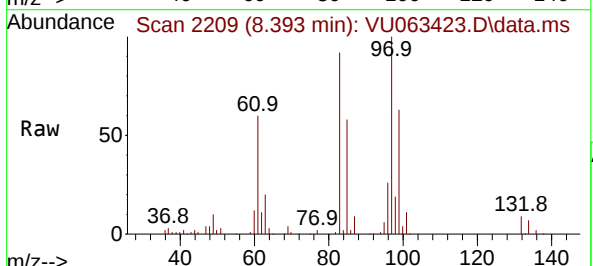
Ion Ratio Lower Upper

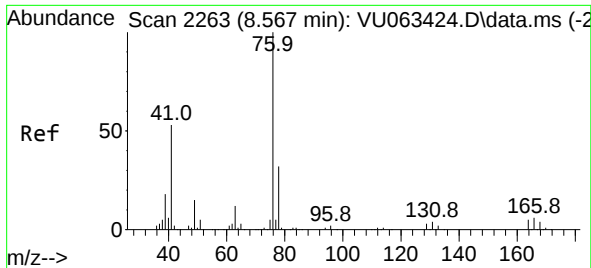
97 100

83 92.2 74.1 111.1

85 57.3 45.8 68.8

99 62.3 50.2 75.4

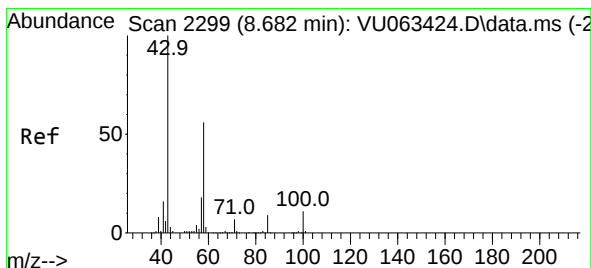
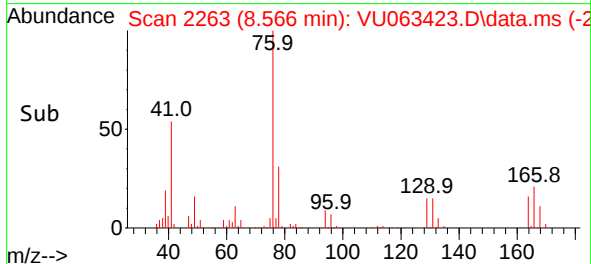
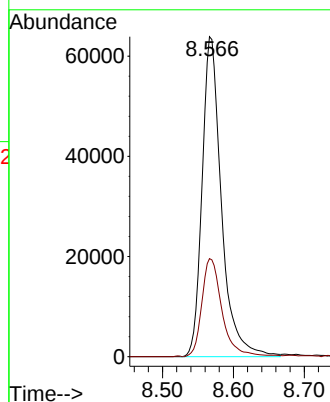
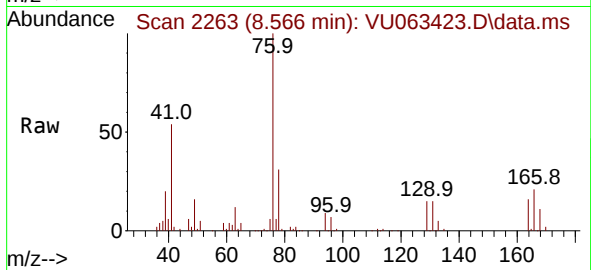




#53
1,3-Dichloropropane
Concen: 5.307 ug/l
RT: 8.566 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063423.D
Acq: 23 Jun 2025 11:39

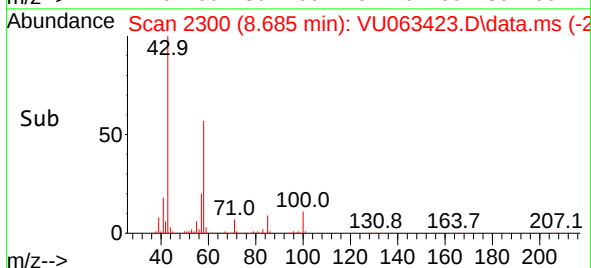
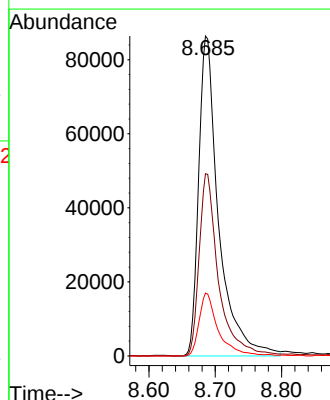
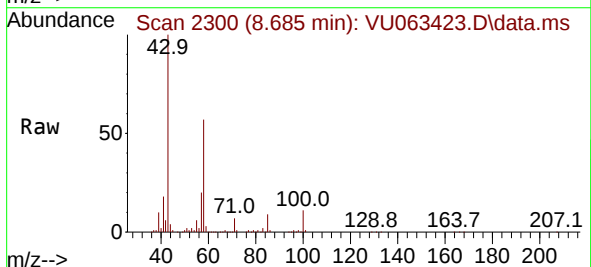
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

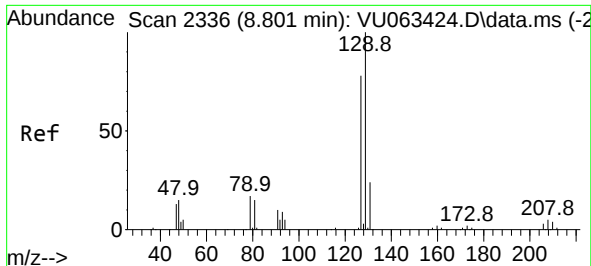
Tgt Ion: 76 Resp: 121123
Ion Ratio Lower Upper
76 100
78 32.1 25.7 38.5



#54
2-Hexanone
Concen: 25.883 ug/l
RT: 8.685 min Scan# 2300
Delta R.T. 0.003 min
Lab File: VU063423.D
Acq: 23 Jun 2025 11:39

Tgt Ion: 43 Resp: 180620
Ion Ratio Lower Upper
43 100
58 55.4 36.9 76.9
57 18.7 0.0 38.8

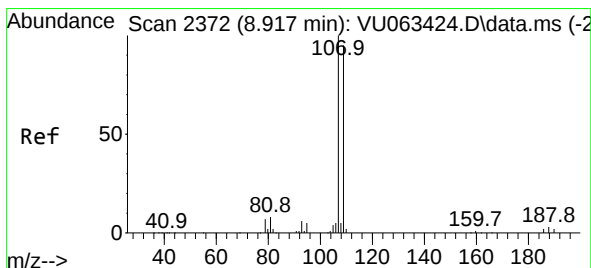
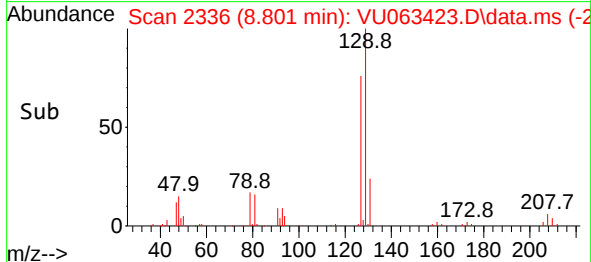
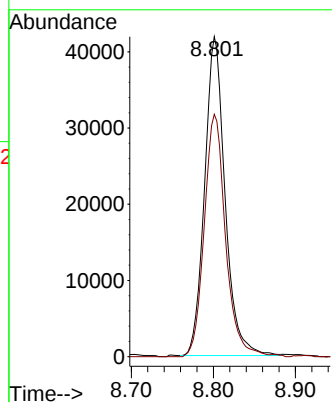
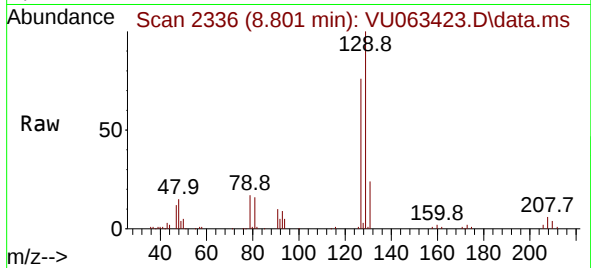




#55
Dibromochloromethane
Concen: 5.301 ug/l
RT: 8.801 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063423.D
Acq: 23 Jun 2025 11:39

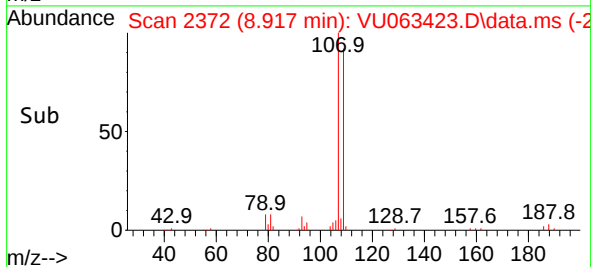
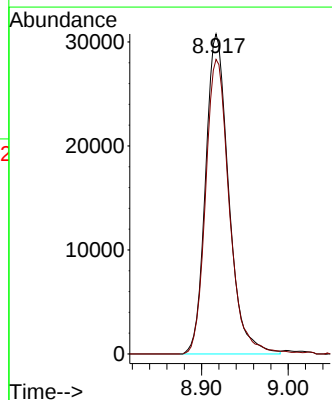
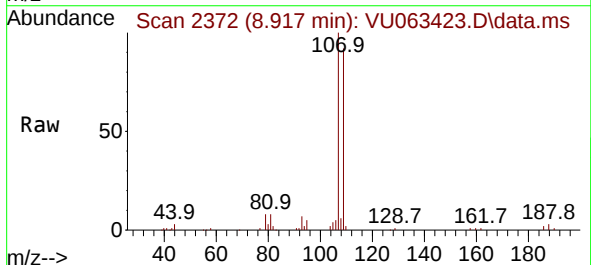
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

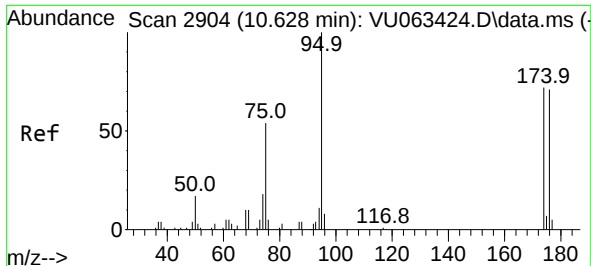
Tgt Ion:129 Resp: 72546
Ion Ratio Lower Upper
129 100
127 79.0 62.6 93.8



#56
1,2-Dibromoethane
Concen: 5.317 ug/l
RT: 8.917 min Scan# 2372
Delta R.T. -0.000 min
Lab File: VU063423.D
Acq: 23 Jun 2025 11:39

Tgt Ion:107 Resp: 57181
Ion Ratio Lower Upper
107 100
109 94.5 0.0 188.0

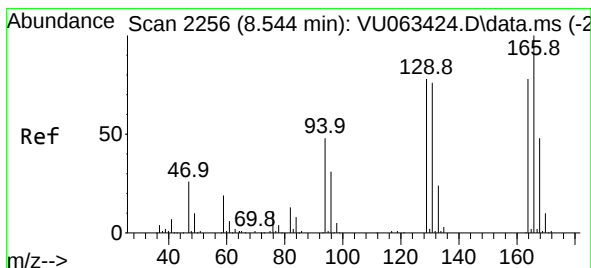
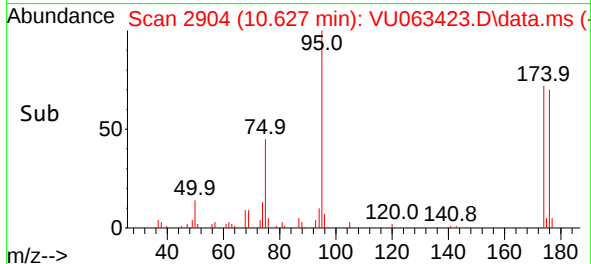
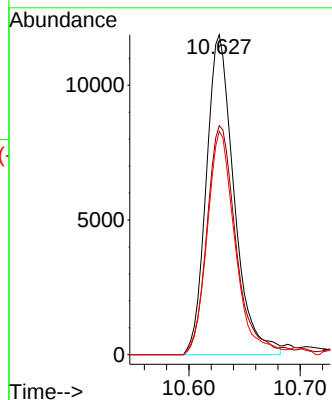
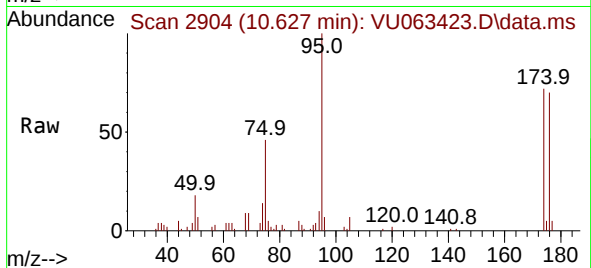




#57
4-Bromofluorobenzene
Concen: 1.038 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. -0.001 min
Lab File: VU063423.D
Acq: 23 Jun 2025 11:39

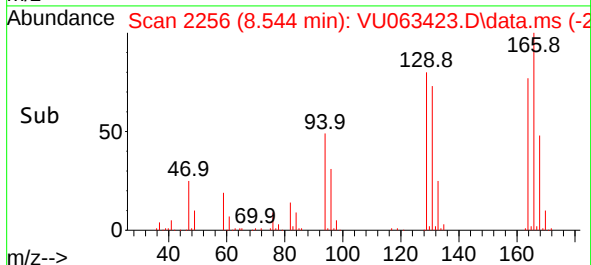
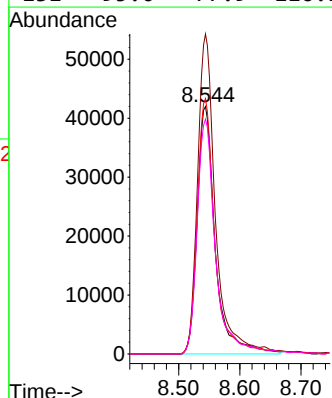
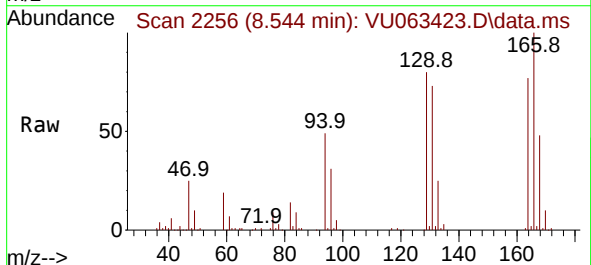
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

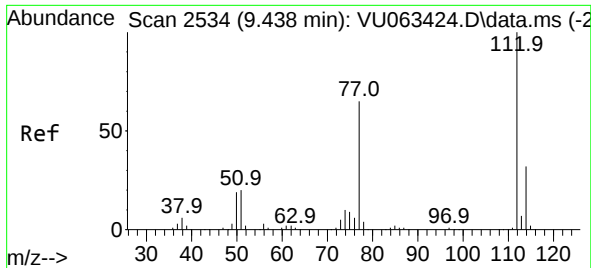
Tgt Ion: 95 Resp: 20562
Ion Ratio Lower Upper
95 100
174 75.1 59.4 89.2
176 70.2 57.8 86.6



#58
Tetrachloroethene
Concen: 5.301 ug/l
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU063423.D
Acq: 23 Jun 2025 11:39

Tgt Ion: 164 Resp: 86434
Ion Ratio Lower Upper
164 100
166 129.4 102.8 154.2
129 103.2 80.2 120.2
131 95.0 77.9 116.9

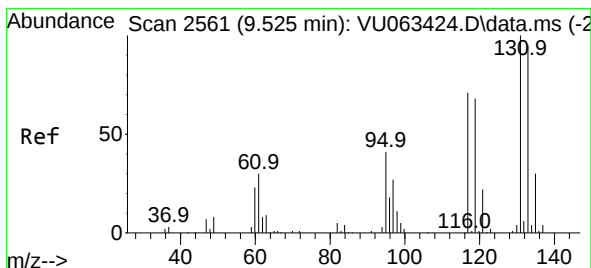
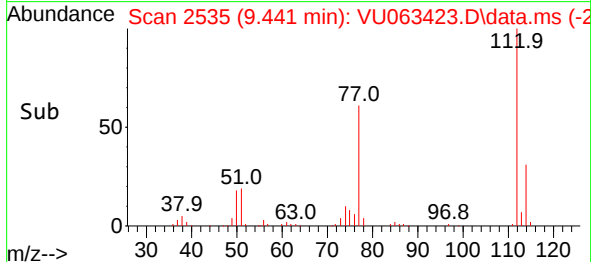
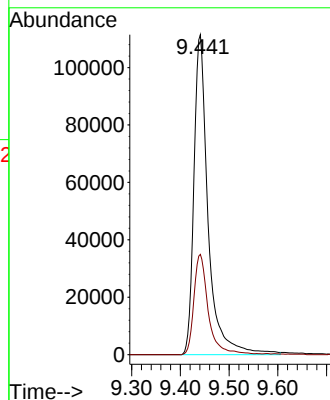
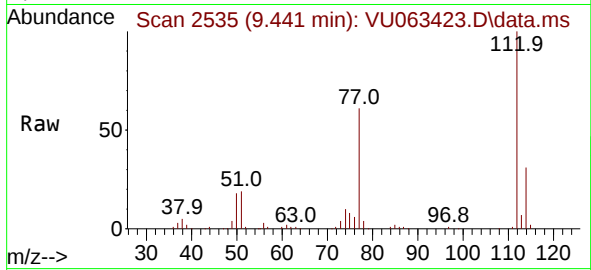




#59
Chlorobenzene
Concen: 5.464 ug/l
RT: 9.441 min Scan# 2535
Delta R.T. 0.003 min
Lab File: VU063423.D
Acq: 23 Jun 2025 11:39

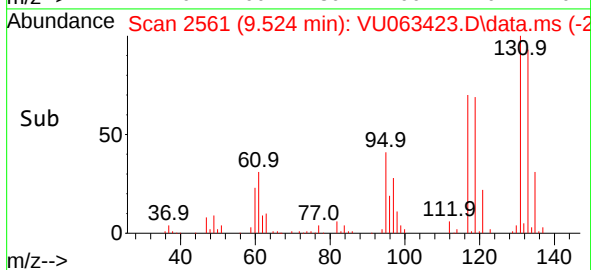
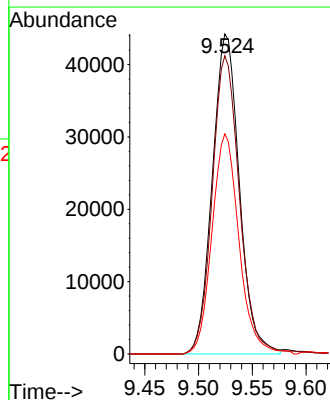
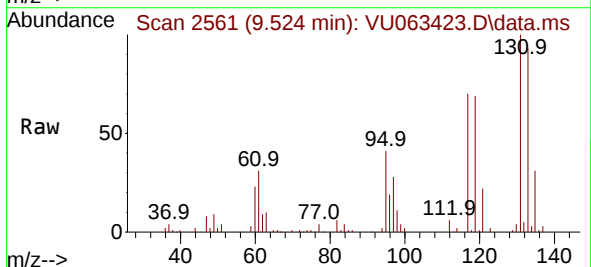
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

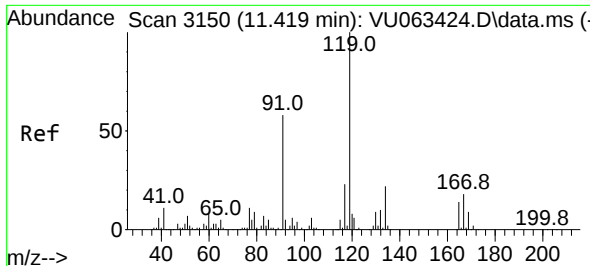
Tgt Ion:112 Resp: 225893
Ion Ratio Lower Upper
112 100
114 31.4 25.7 38.5



#60
1,1,1,2-Tetrachloroethane
Concen: 5.193 ug/l
RT: 9.524 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU063423.D
Acq: 23 Jun 2025 11:39

Tgt Ion:131 Resp: 77275
Ion Ratio Lower Upper
131 100
133 94.5 76.1 114.1
119 68.8 53.7 80.5

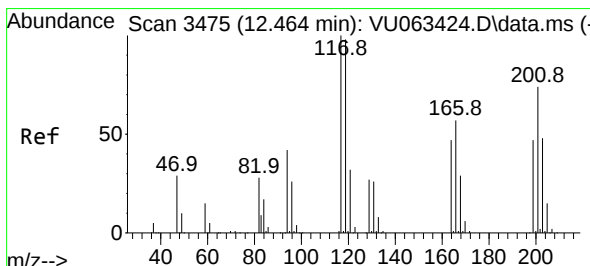
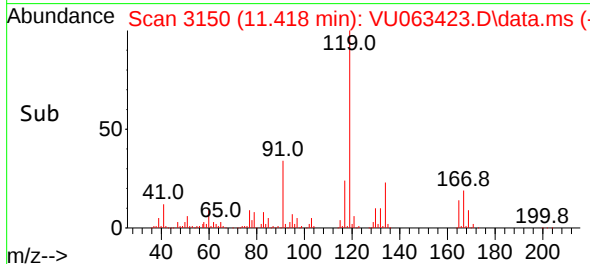
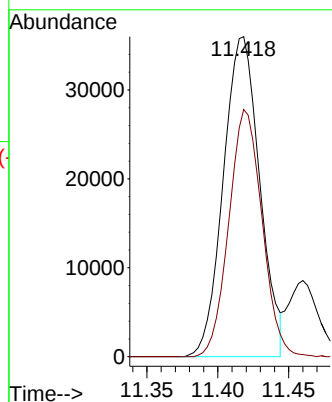
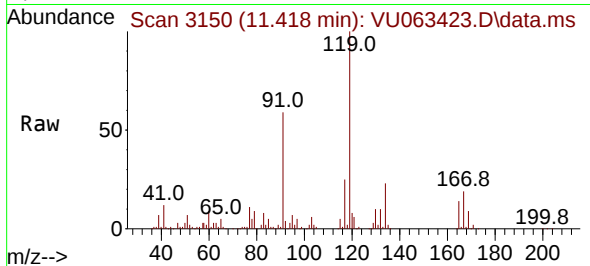




#61
 Pentachloroethane
 Concen: 5.305 ug/l
 RT: 11.418 min Scan# 3150
 Delta R.T. -0.001 min
 Lab File: VU063423.D
 Acq: 23 Jun 2025 11:39

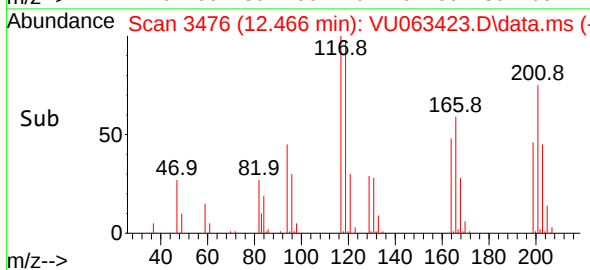
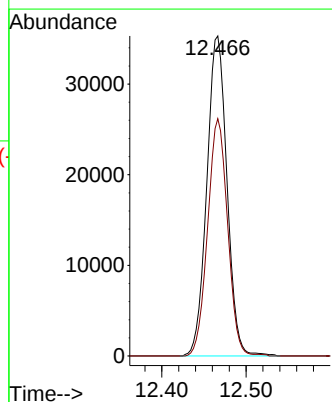
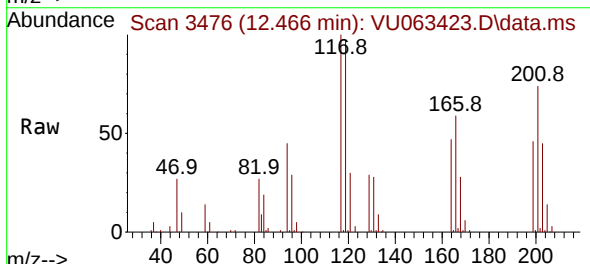
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

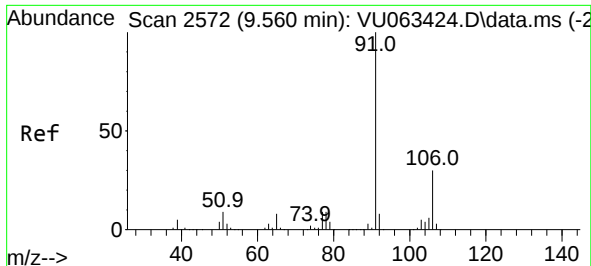
Tgt Ion:117 Resp: 64312
 Ion Ratio Lower Upper
 117 100
 167 70.6 58.1 87.1



#62
 Hexachloroethane
 Concen: 5.398 ug/l
 RT: 12.466 min Scan# 3476
 Delta R.T. 0.003 min
 Lab File: VU063423.D
 Acq: 23 Jun 2025 11:39

Tgt Ion:117 Resp: 58851
 Ion Ratio Lower Upper
 117 100
 201 73.4 60.4 90.6





#63

Ethyl Benzene

Concen: 5.567 ug/l

RT: 9.563 min Scan# 2

Delta R.T. 0.003 min

Lab File: VU063423.D

Acq: 23 Jun 2025 11:39

Instrument :

MSVOA_U

ClientSampleId :

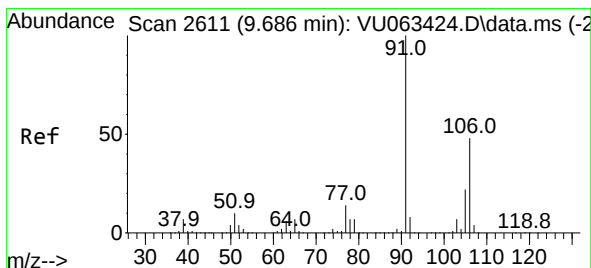
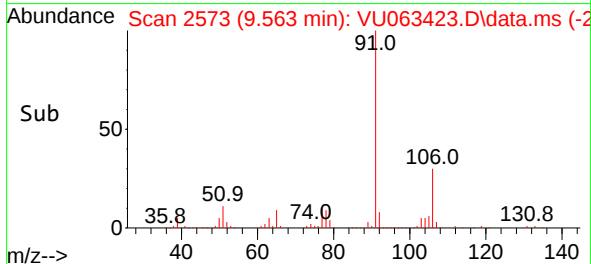
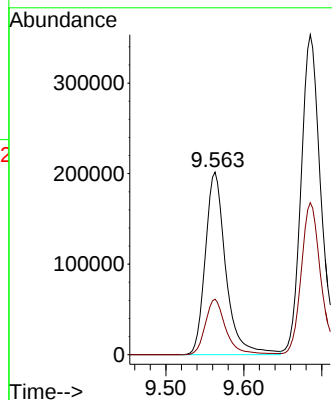
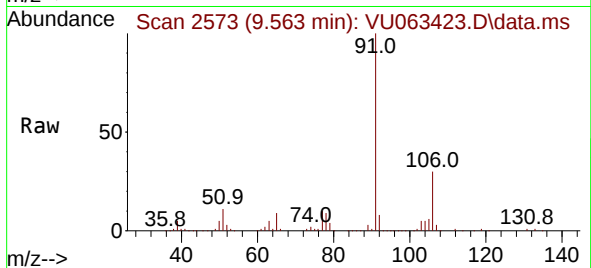
VSTDICC005

Tgt Ion: 91 Resp: 368939

Ion Ratio Lower Upper

91 100

106 30.4 24.2 36.2



#64

m/p-Xylenes

Concen: 9.931 ug/l

RT: 9.685 min Scan# 2611

Delta R.T. -0.001 min

Lab File: VU063423.D

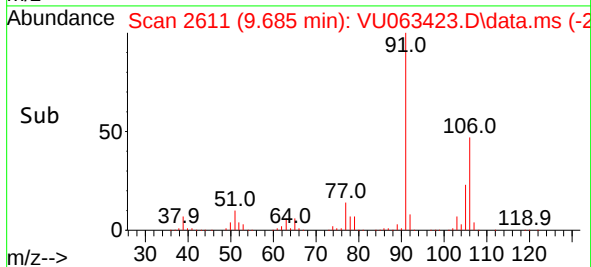
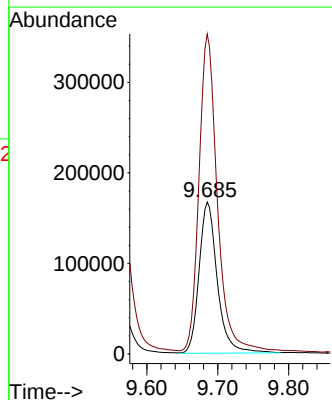
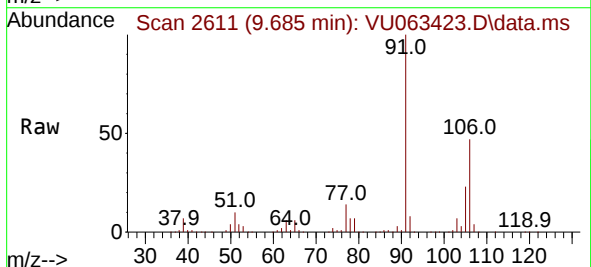
Acq: 23 Jun 2025 11:39

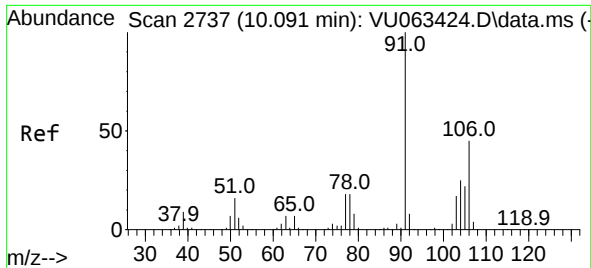
Tgt Ion: 106 Resp: 298216

Ion Ratio Lower Upper

106 100

91 216.2 169.9 254.9

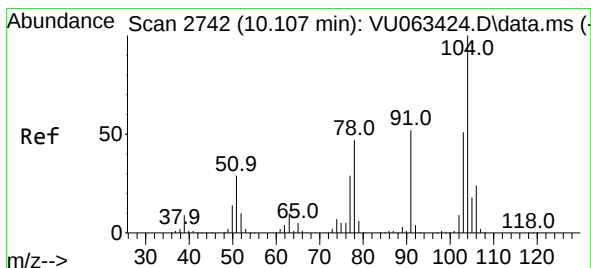
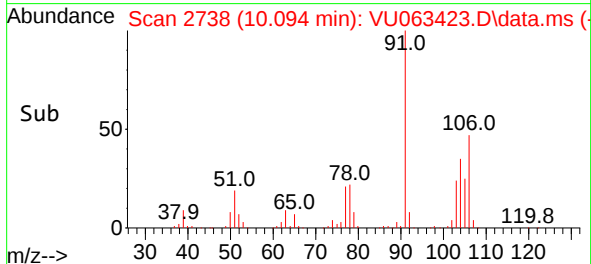
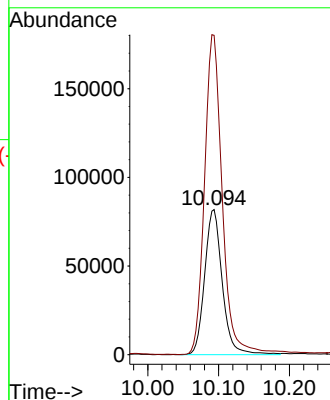
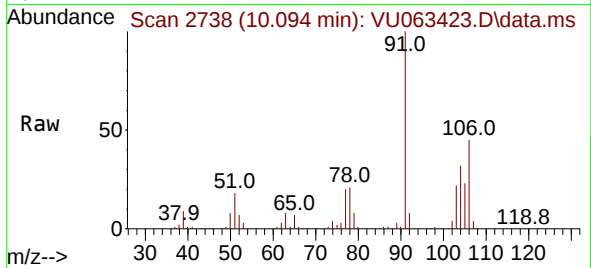




#65
o-Xylene
Concen: 5.623 ug/l
RT: 10.094 min Scan# 2737
Delta R.T. 0.003 min
Lab File: VU063423.D
Acq: 23 Jun 2025 11:39

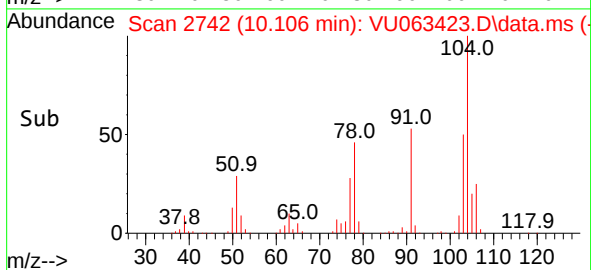
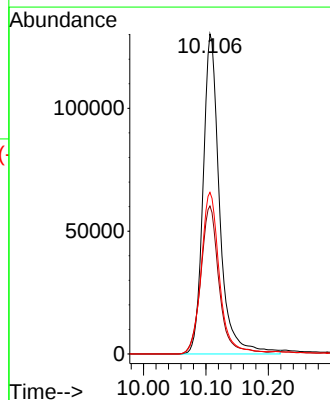
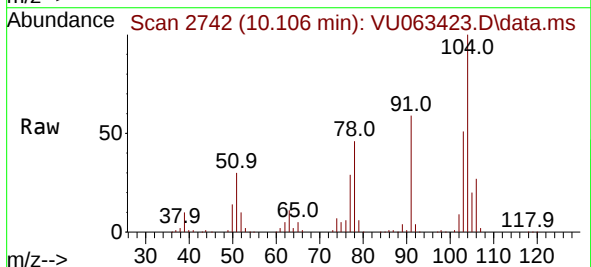
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Tgt Ion:106 Resp: 141568
Ion Ratio Lower Upper
106 100
91 222.4 110.8 332.3



#66
Styrene
Concen: 4.996 ug/l
RT: 10.106 min Scan# 2742
Delta R.T. -0.001 min
Lab File: VU063423.D
Acq: 23 Jun 2025 11:39

Tgt Ion:104 Resp: 240618
Ion Ratio Lower Upper
104 100
78 51.2 41.6 62.4
103 55.7 44.6 67.0





#67

Bromoform

Concen: 5.423 ug/l

RT: 10.283 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063423.D

Acq: 23 Jun 2025 11:39

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

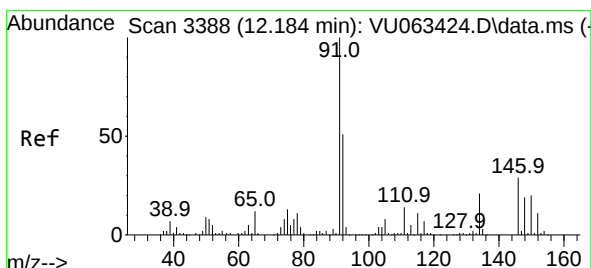
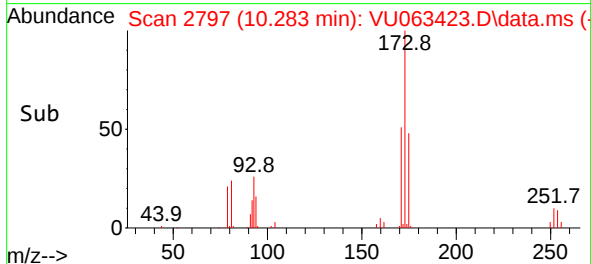
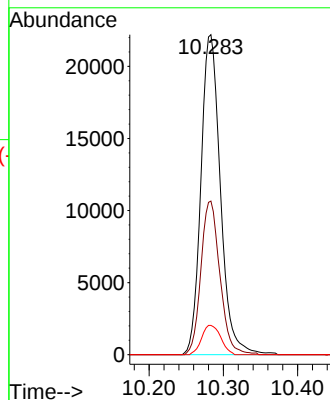
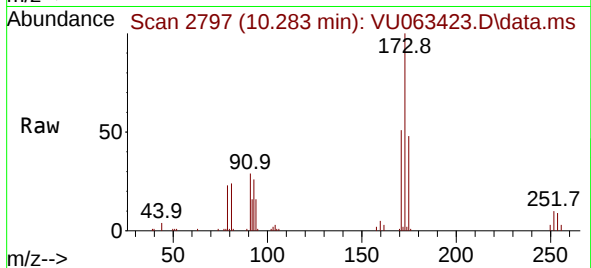
Tgt Ion:173 Resp: 40552

Ion Ratio Lower Upper

173 100

175 46.6 38.2 57.2

254 9.0 7.6 11.4



#68

1,2-Dichlorobenzene-d4

Concen: 1.015 ug/l

RT: 12.183 min Scan# 3388

Delta R.T. -0.000 min

Lab File: VU063423.D

Acq: 23 Jun 2025 11:39

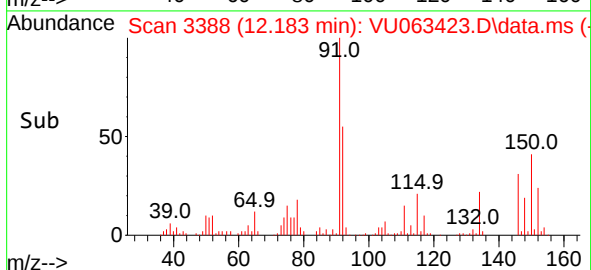
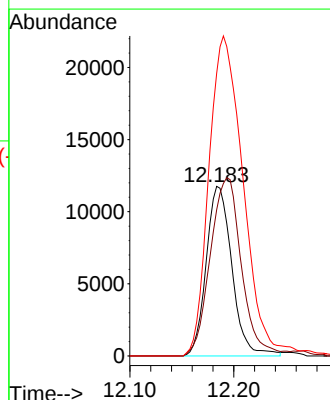
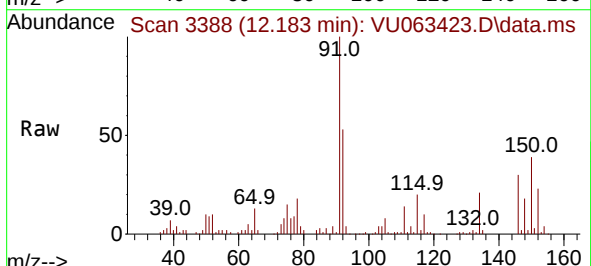
Tgt Ion:152 Resp: 20193

Ion Ratio Lower Upper

152 100

115 127.8 0.0 327.6

150 253.7 0.0 664.4

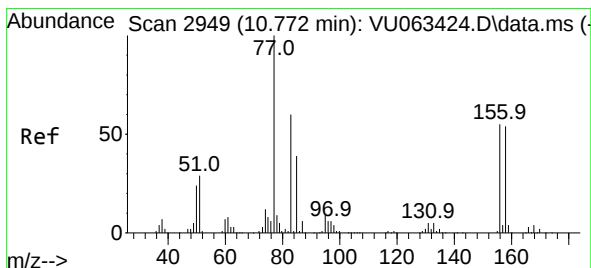
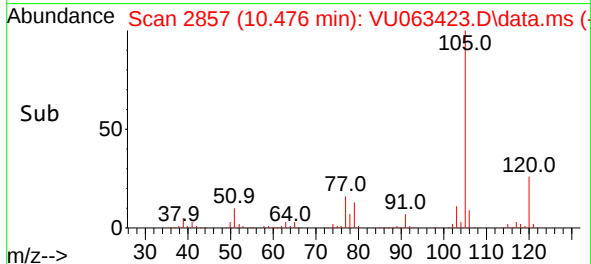
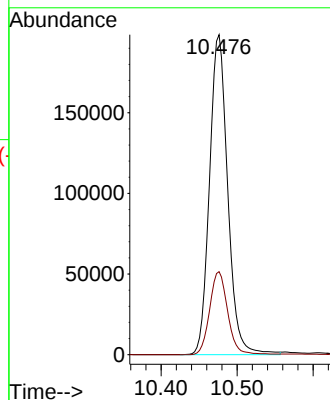
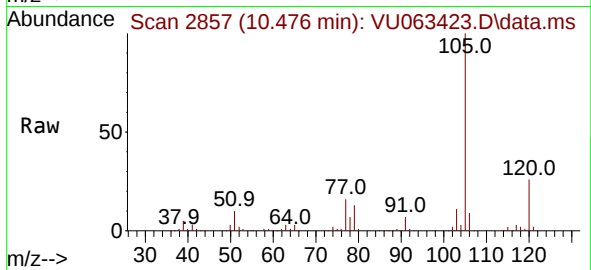




#69
Isopropylbenzene
Concen: 5.662 ug/l
RT: 10.476 min Scan# 2857
Delta R.T. -0.000 min
Lab File: VU063423.D
Acq: 23 Jun 2025 11:39

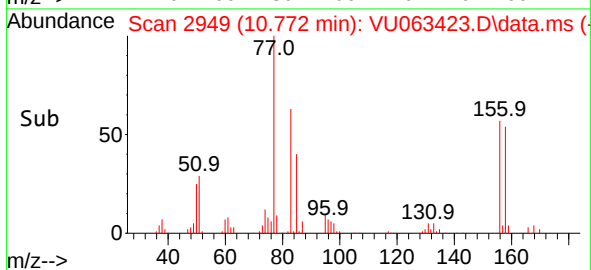
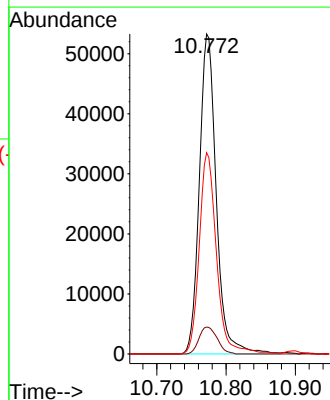
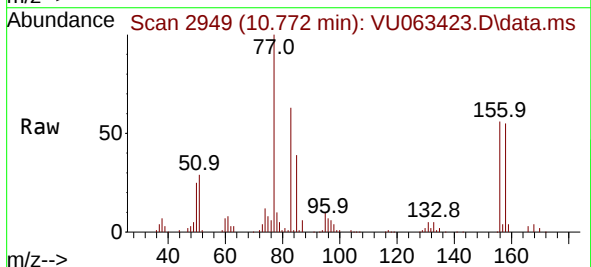
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

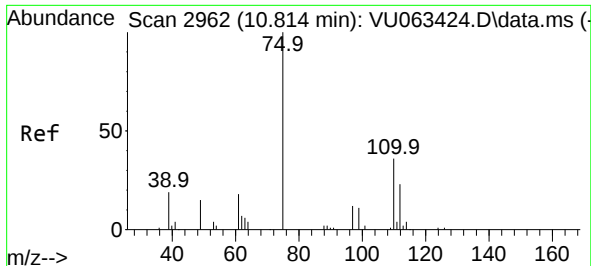
Tgt Ion:105 Resp: 330244
Ion Ratio Lower Upper
105 100
120 25.8 12.7 38.1



#70
1,1,2,2-Tetrachloroethane
Concen: 5.343 ug/l
RT: 10.772 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU063423.D
Acq: 23 Jun 2025 11:39

Tgt Ion: 83 Resp: 90666
Ion Ratio Lower Upper
83 100
131 9.0 7.4 11.0
85 64.0 51.3 76.9

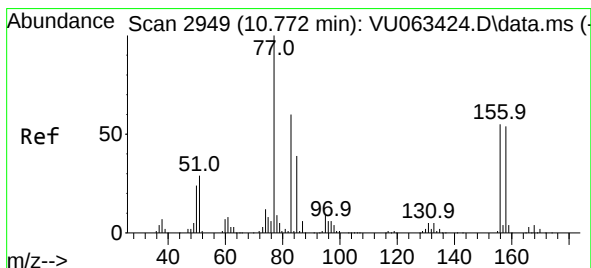
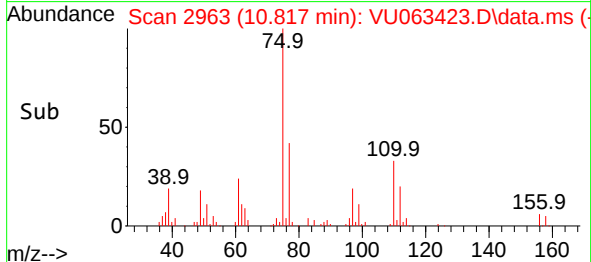
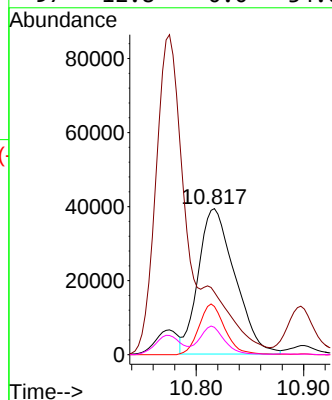
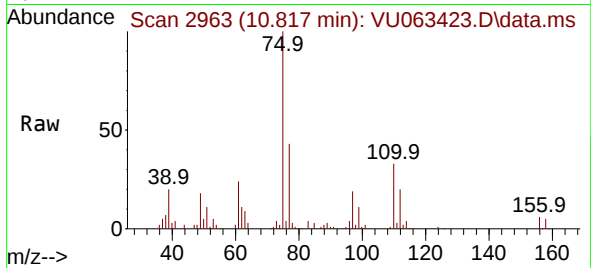




#71
1,2,3-Trichloropropane
Concen: 6.580 ug/l
RT: 10.817 min Scan# 2962
Delta R.T. 0.003 min
Lab File: VU063423.D
Acq: 23 Jun 2025 11:39

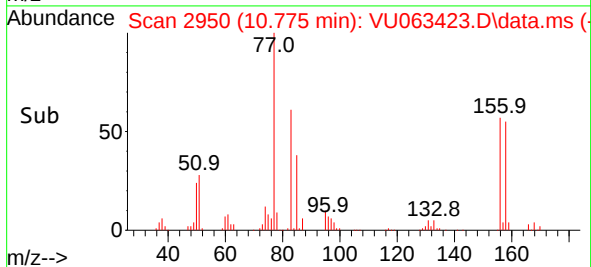
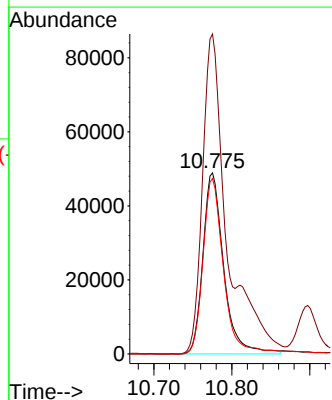
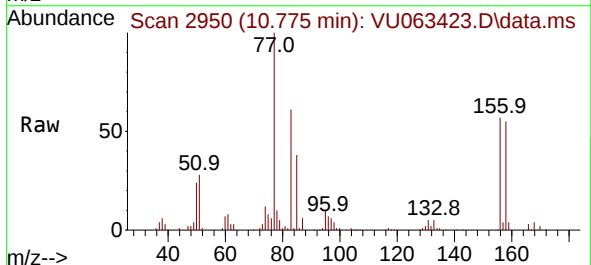
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

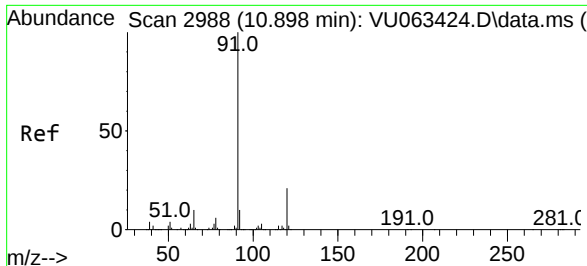
Tgt Ion:	75	Resp:	92907
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0
110	24.9	0.0	63.4
97	12.8	0.0	34.0



#72
Bromobenzene
Concen: 5.550 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU063423.D
Acq: 23 Jun 2025 11:39

Tgt Ion:	156	Resp:	90867
Ion Ratio	Lower	Upper	
156	100		
77	169.4	0.0	416.2
158	95.6	0.0	190.6

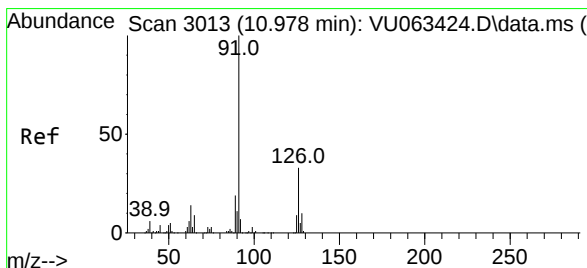
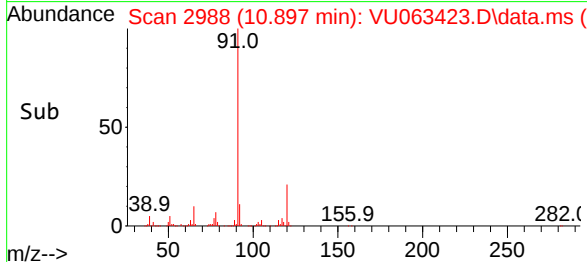
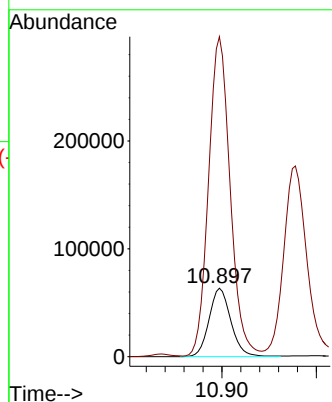
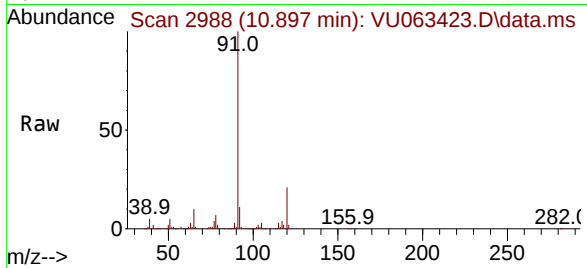




#73
n-propylbenzene
Concen: 5.001 ug/l
RT: 10.897 min Scan# 2988
Delta R.T. -0.001 min
Lab File: VU063423.D
Acq: 23 Jun 2025 11:39

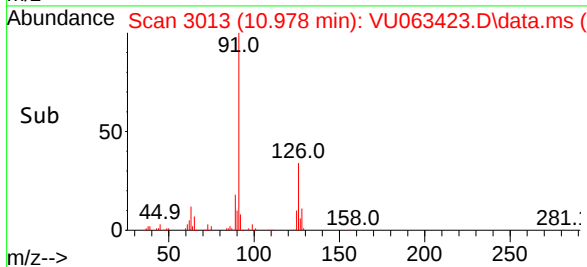
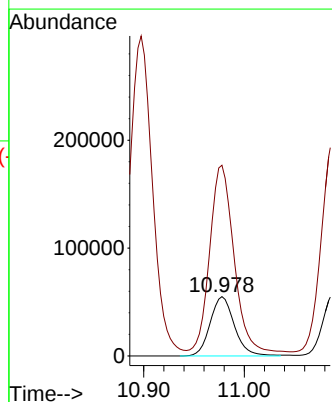
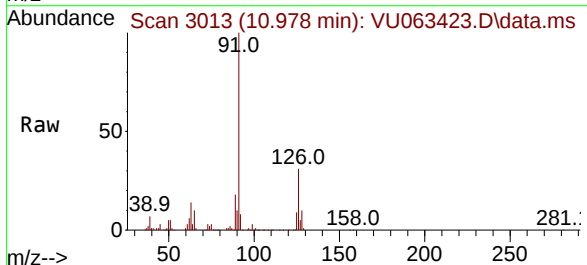
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

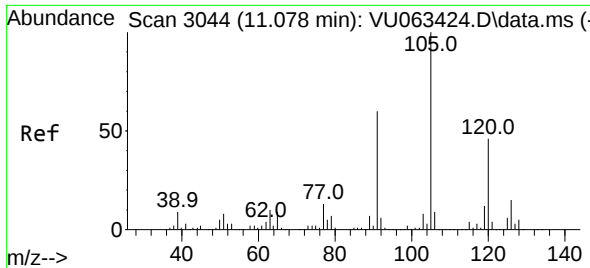
Tgt Ion:120 Resp: 101751
Ion Ratio Lower Upper
120 100
91 460.9 373.7 560.5



#74
2-Chlorotoluene
Concen: 5.698 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. -0.000 min
Lab File: VU063423.D
Acq: 23 Jun 2025 11:39

Tgt Ion:126 Resp: 92225
Ion Ratio Lower Upper
126 100
91 328.5 0.0 650.8

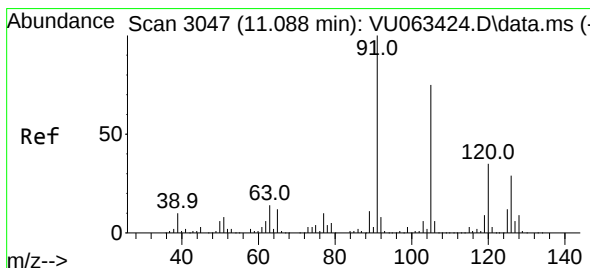
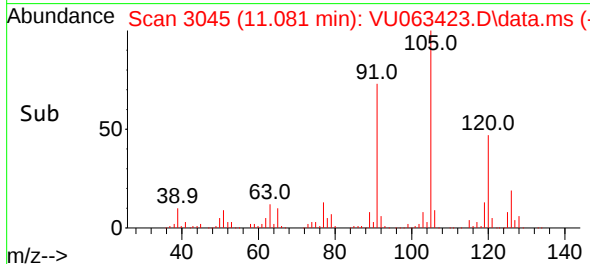
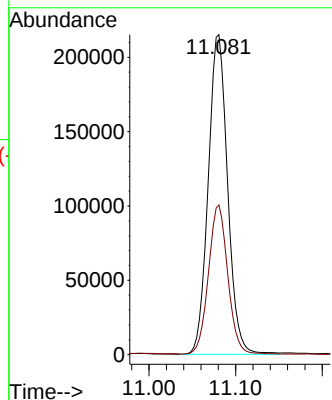
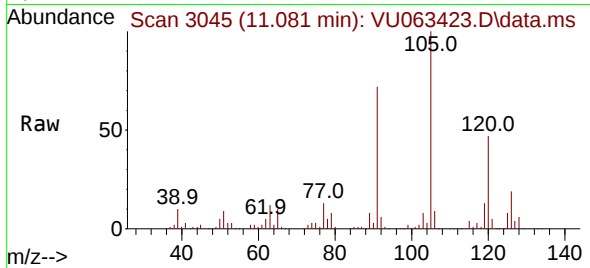




#75
1,3,5-Trimethylbenzene
Concen: 5.024 ug/l
RT: 11.081 min Scan# 3045
Delta R.T. 0.003 min
Lab File: VU063423.D
Acq: 23 Jun 2025 11:39

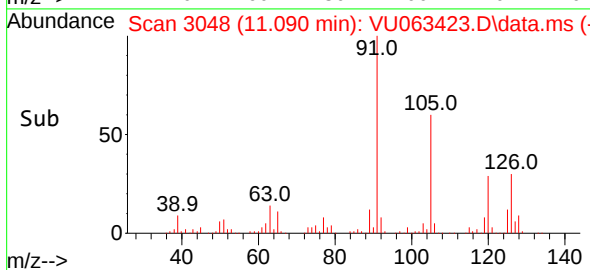
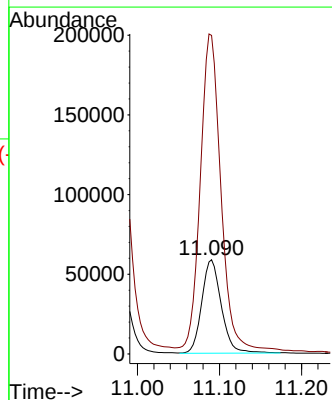
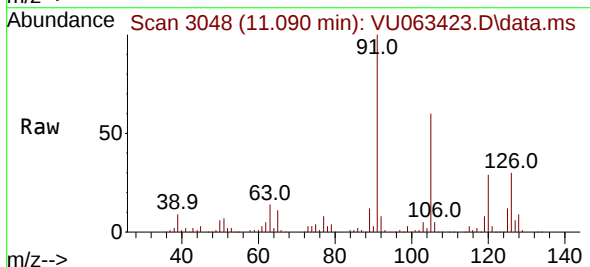
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

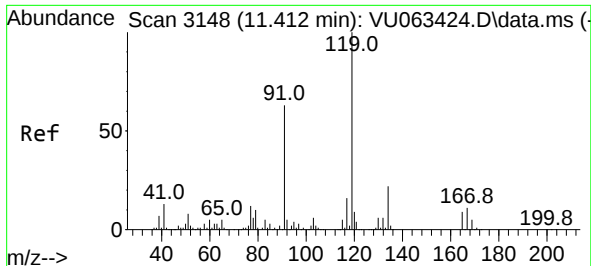
Tgt Ion:105 Resp: 335271
Ion Ratio Lower Upper
105 100
120 46.3 37.0 55.4



#76
4-Chlorotoluene
Concen: 5.725 ug/l
RT: 11.090 min Scan# 3048
Delta R.T. 0.003 min
Lab File: VU063423.D
Acq: 23 Jun 2025 11:39

Tgt Ion:126 Resp: 97063
Ion Ratio Lower Upper
126 100
91 363.2 0.0 713.2

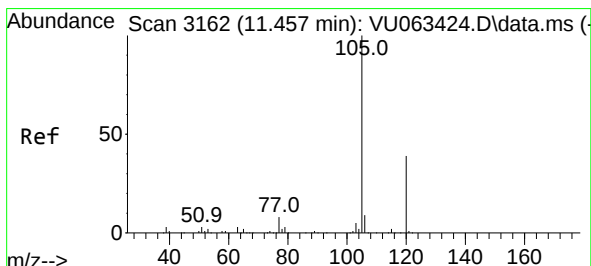
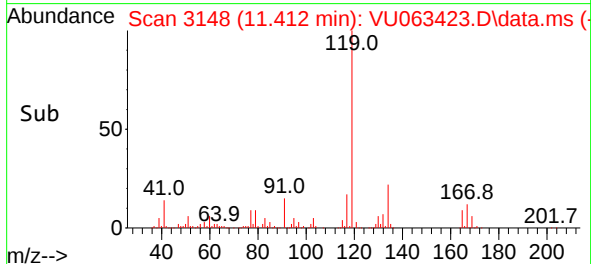
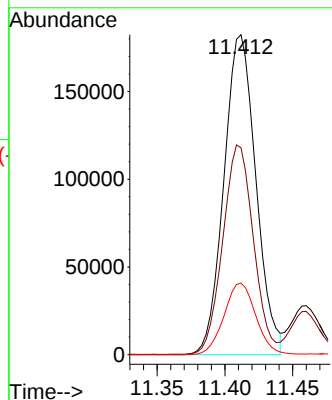
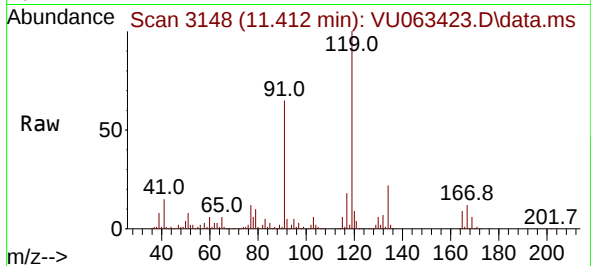




#77
tert-Butylbenzene
Concen: 5.594 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU063423.D
Acq: 23 Jun 2025 11:39

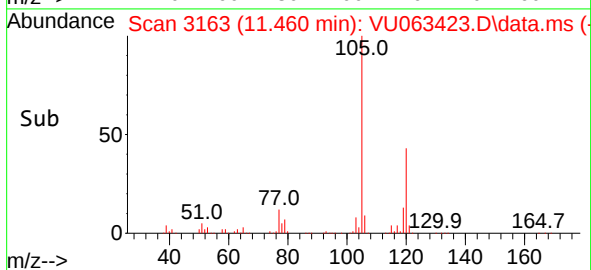
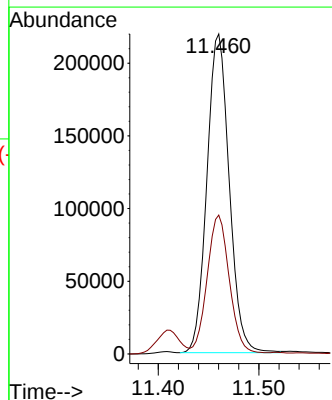
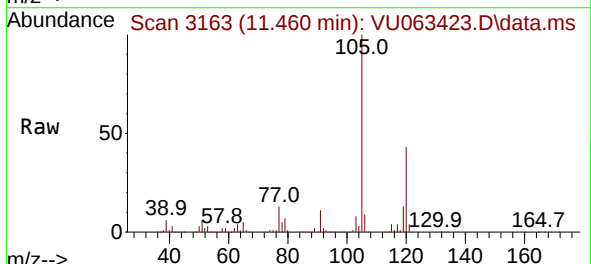
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

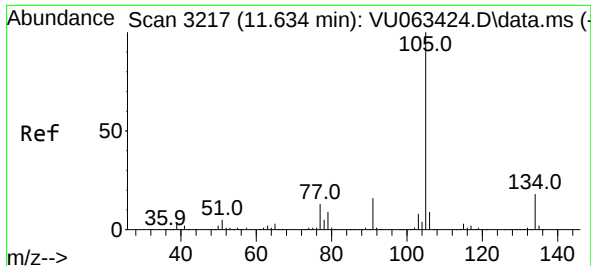
Tgt Ion:119 Resp: 299778
Ion Ratio Lower Upper
119 100
91 62.5 30.9 92.7
134 22.3 17.9 26.9



#78
1,2,4-Trimethylbenzene
Concen: 5.002 ug/l
RT: 11.460 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VU063423.D
Acq: 23 Jun 2025 11:39

Tgt Ion:105 Resp: 337527
Ion Ratio Lower Upper
105 100
120 42.8 22.1 66.5

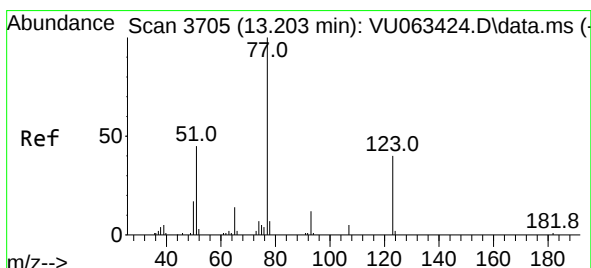
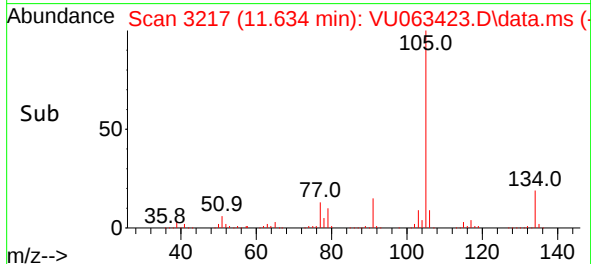
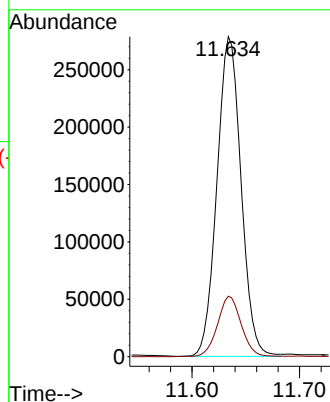
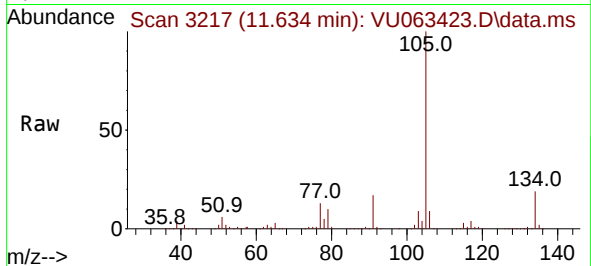




#79
 sec-Butylbenzene
 Concen: 5.703 ug/l
 RT: 11.634 min Scan# 3217
 Delta R.T. -0.000 min
 Lab File: VU063423.D
 Acq: 23 Jun 2025 11:39

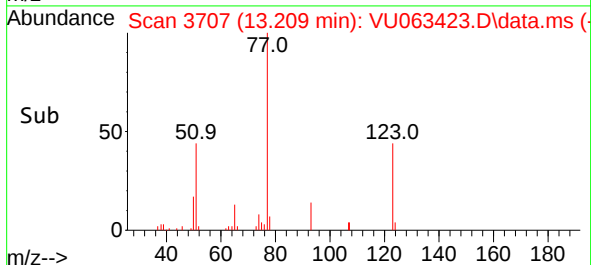
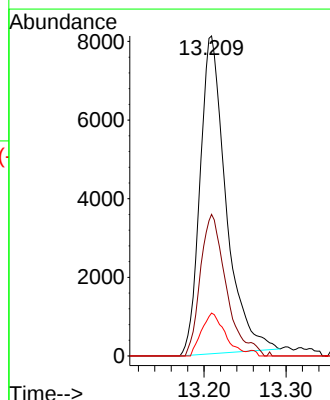
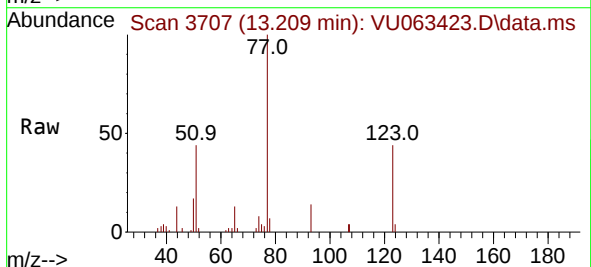
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

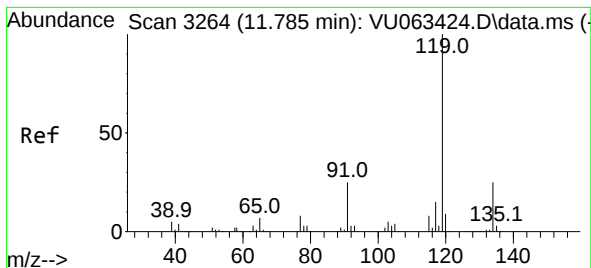
Tgt Ion:105 Resp: 432901
 Ion Ratio Lower Upper
 105 100
 134 18.7 14.8 22.2



#80
 Nitrobenzene
 Concen: 23.021 ug/l
 RT: 13.209 min Scan# 3707
 Delta R.T. 0.006 min
 Lab File: VU063423.D
 Acq: 23 Jun 2025 11:39

Tgt Ion: 77 Resp: 17734
 Ion Ratio Lower Upper
 77 100
 123 44.4 19.6 69.6
 65 11.0 10.6 13.4





#81

p-Isopropyltoluene

Concen: 4.959 ug/l

RT: 11.785 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU063423.D

Acq: 23 Jun 2025 11:39

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

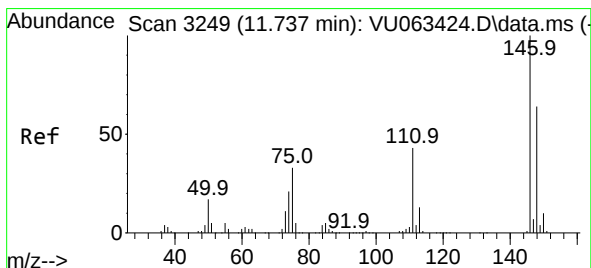
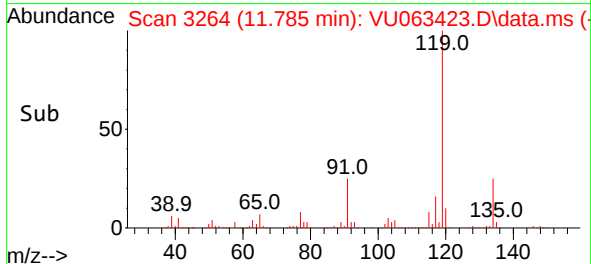
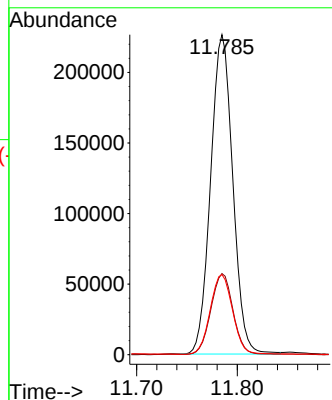
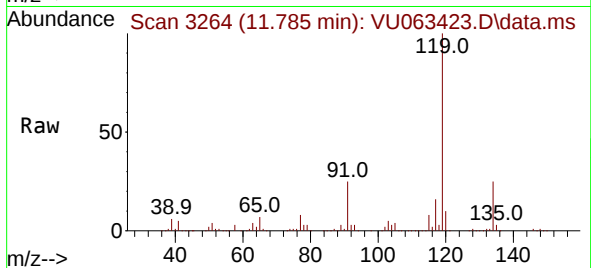
Tgt Ion:119 Resp: 346078

Ion Ratio Lower Upper

119 100

134 25.2 20.2 30.2

91 25.1 19.7 29.5



#82

1,3-Dichlorobenzene

Concen: 5.403 ug/l

RT: 11.737 min Scan# 3249

Delta R.T. -0.000 min

Lab File: VU063423.D

Acq: 23 Jun 2025 11:39

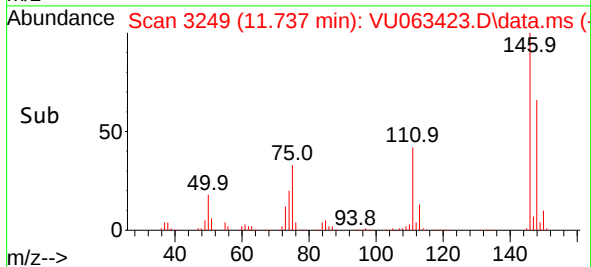
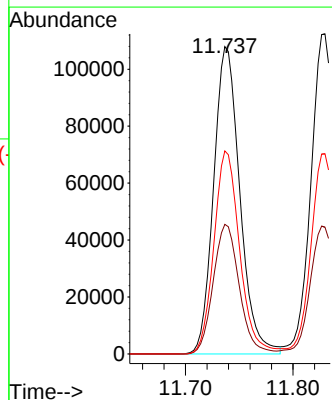
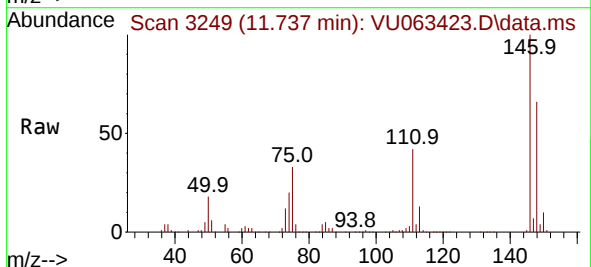
Tgt Ion:146 Resp: 183260

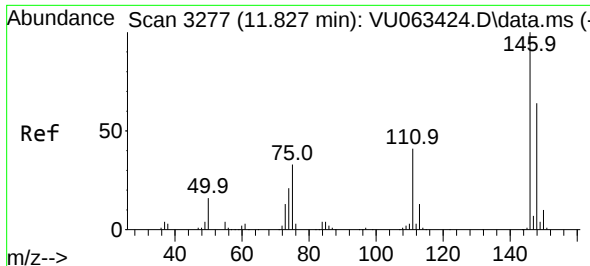
Ion Ratio Lower Upper

146 100

111 41.9 34.3 51.5

148 65.0 51.0 76.4

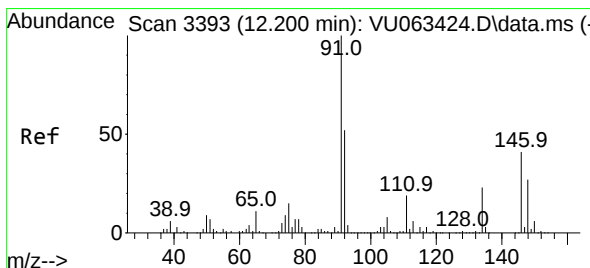
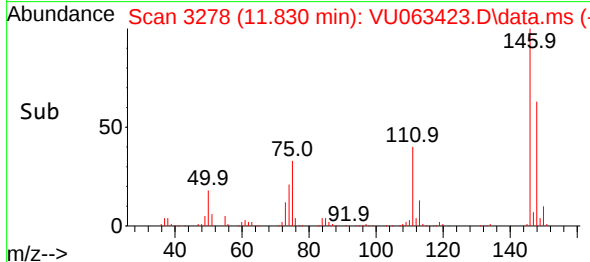
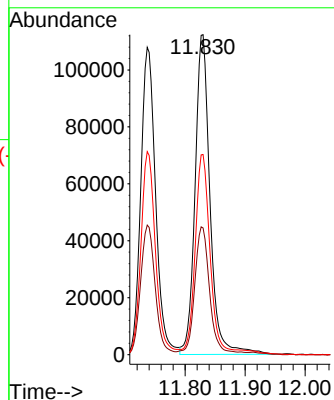
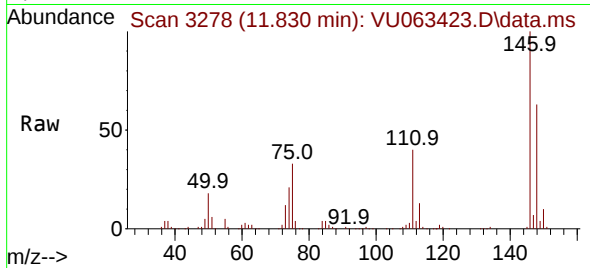




#83
1,4-Dichlorobenzene
Concen: 5.559 ug/l
RT: 11.830 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063423.D
Acq: 23 Jun 2025 11:39

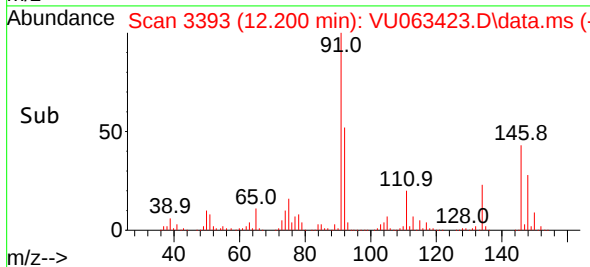
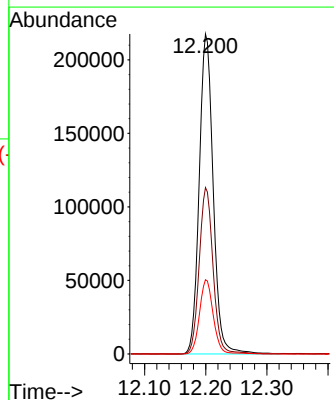
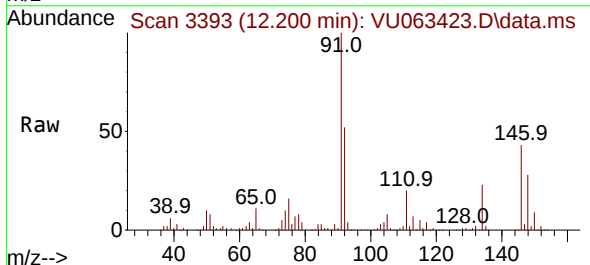
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

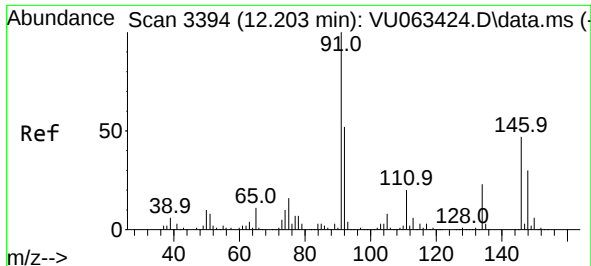
Tgt Ion:146 Resp: 195472
Ion Ratio Lower Upper
146 100
111 38.0 31.7 47.5
148 64.0 51.4 77.0



#84
n-Butylbenzene
Concen: 5.564 ug/l
RT: 12.200 min Scan# 3393
Delta R.T. -0.000 min
Lab File: VU063423.D
Acq: 23 Jun 2025 11:39

Tgt Ion: 91 Resp: 345741
Ion Ratio Lower Upper
91 100
92 51.6 41.0 61.6
134 22.8 18.5 27.7

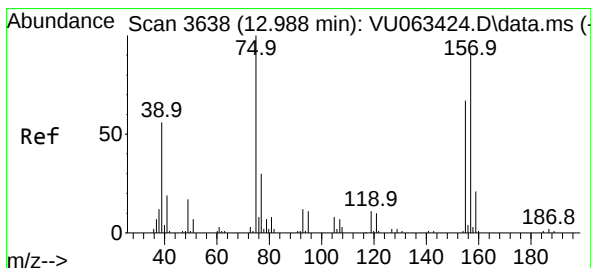
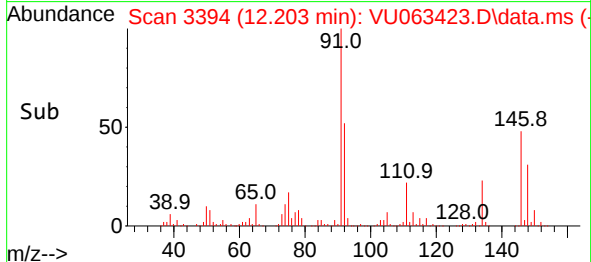
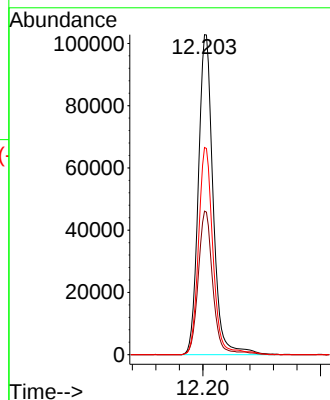
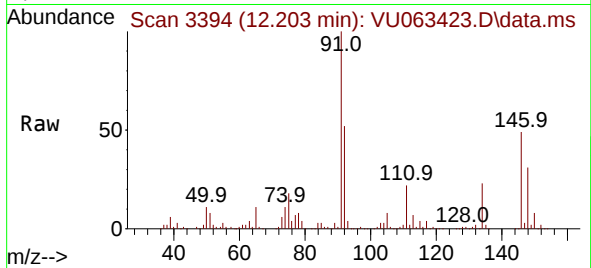




#85
 1,2-Dichlorobenzene
 Concen: 5.498 ug/l
 RT: 12.203 min Scan# 3394
 Delta R.T. -0.000 min
 Lab File: VU063423.D
 Acq: 23 Jun 2025 11:39

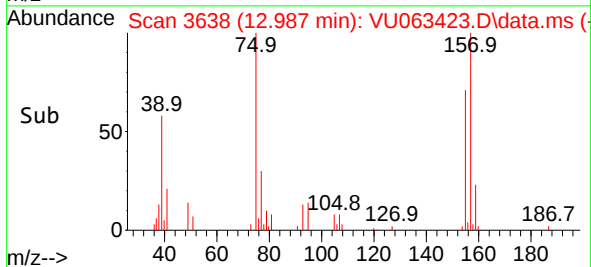
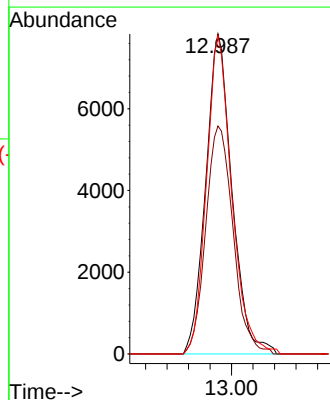
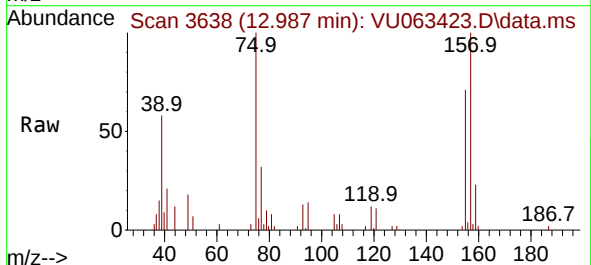
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

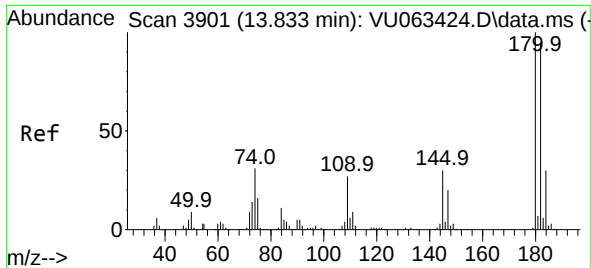
Tgt Ion:146 Resp: 178472
 Ion Ratio Lower Upper
 146 100
 111 43.8 21.8 65.4
 148 63.8 32.3 96.9



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 5.695 ug/l
 RT: 12.987 min Scan# 3638
 Delta R.T. -0.001 min
 Lab File: VU063423.D
 Acq: 23 Jun 2025 11:39

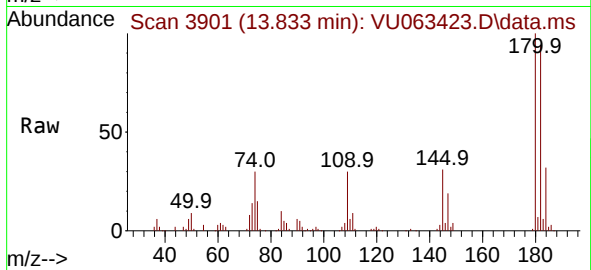
Tgt Ion: 75 Resp: 13285
 Ion Ratio Lower Upper
 75 100
 155 74.0 59.7 89.5
 157 95.4 75.0 112.4



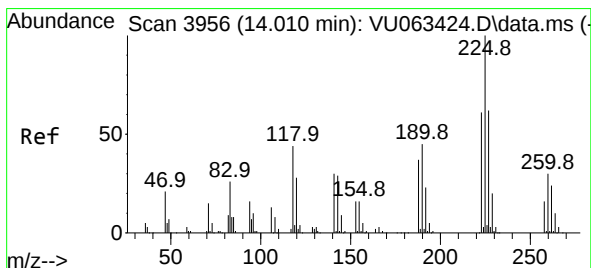
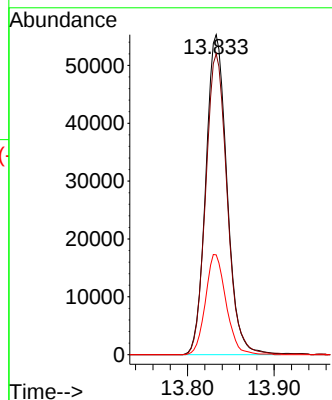
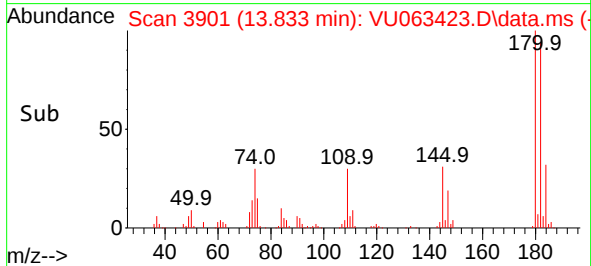


#87
1,2,4-Trichlorobenzene
Concen: 5.203 ug/l
RT: 13.833 min Scan# 3901
Delta R.T. -0.000 min
Lab File: VU063423.D
Acq: 23 Jun 2025 11:39

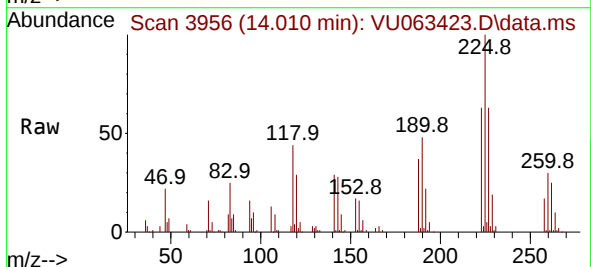
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



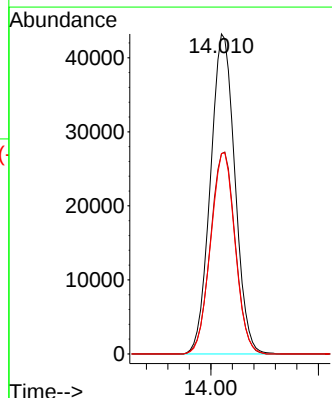
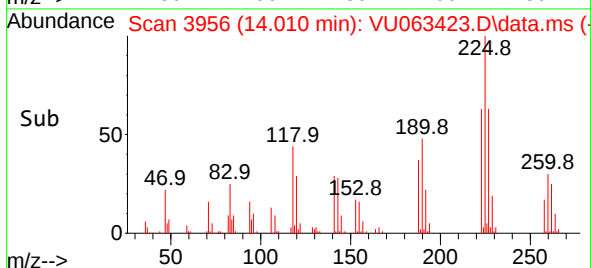
Tgt Ion:180 Resp: 94156
Ion Ratio Lower Upper
180 100
182 94.9 75.6 113.4
145 30.3 24.6 36.8

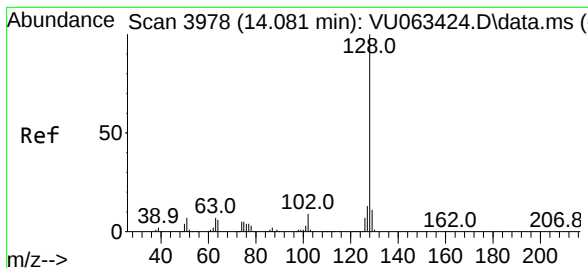


#88
Hexachlorobutadiene
Concen: 5.320 ug/l
RT: 14.010 min Scan# 3956
Delta R.T. -0.000 min
Lab File: VU063423.D
Acq: 23 Jun 2025 11:39



Tgt Ion:225 Resp: 68268
Ion Ratio Lower Upper
225 100
223 63.8 50.0 75.0
227 62.8 51.5 77.3





#89

Naphthalene

Concen: 4.577 ug/l

RT: 14.081 min Scan# 3978

Delta R.T. -0.000 min

Lab File: VU063423.D

Acq: 23 Jun 2025 11:39

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

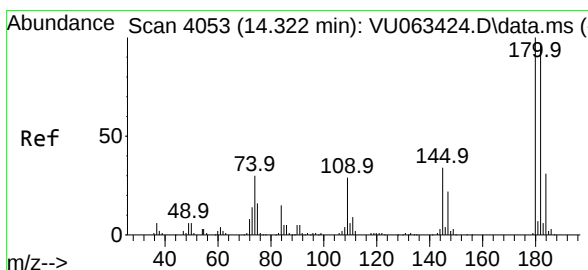
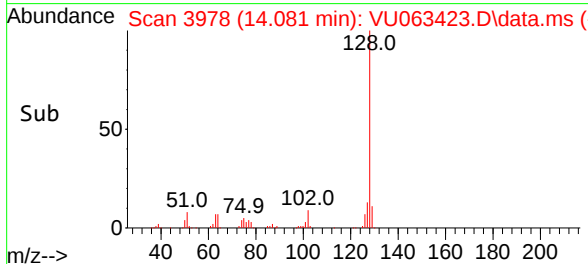
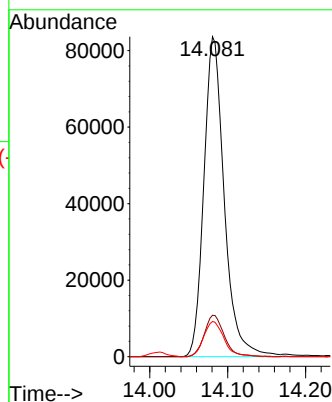
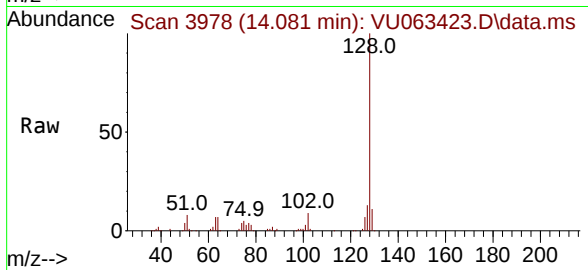
Tgt Ion:128 Resp: 152014

Ion Ratio Lower Upper

128 100

127 12.7 10.4 15.6

129 11.0 8.7 13.1



#90

1,2,3-Trichlorobenzene

Concen: 5.163 ug/l

RT: 14.322 min Scan# 4053

Delta R.T. -0.000 min

Lab File: VU063423.D

Acq: 23 Jun 2025 11:39

Tgt Ion:180 Resp: 92902

Ion Ratio Lower Upper

180 100

182 97.0 76.7 115.1

145 34.0 27.4 41.2

