

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062325\
 Data File : VU063427.D
 Acq On : 23 Jun 2025 14:36
 Operator : MD/SY
 Sample : VSTDICC0.5
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC0.5

Quant Time: Jun 24 04:44:34 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	6.103	96	49410	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	15467	0.853	ug/l	0.00
Spiked Amount 1.000			Recovery	=	85.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	16058	0.881	ug/l	0.00
Spiked Amount 1.000			Recovery	=	88.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	9539	0.503	ug/l	99
3) Chloromethane	1.518	50	13673	0.547	ug/l	99
4) Vinyl Chloride	1.599	62	10654	0.498	ug/l	98
5) Bromomethane	1.850	94	5695	0.555	ug/l	99
6) Chloroethane	1.924	64	6078	0.479	ug/l	100
7) Trichlorofluoromethane	2.129	101	12754	0.522	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.567	101	6593	0.507	ug/l	97
9) 1,1-Dichloroethene	2.567	96	6082	0.469	ug/l	89
10) Iodomethane	2.711	142	4095	0.391	ug/l	95
11) Allyl Chloride	2.911	41	11727	0.507	ug/l	97
12) Acrylonitrile	3.309	53	4028	1.074	ug/l	87
13) Acetone	2.621	43	12451	2.782	ug/l	100
14) Carbon Disulfide	2.776	76	22881	0.506	ug/l	97
15) Methylene Chloride	3.030	84	9375	0.570	ug/l	95
16) trans-1,2-Dichloroethene	3.335	96	7485	0.513	ug/l	94
17) 1,1-Dichloroethane	3.850	63	15796	0.515	ug/l	97
18) 2-Butanone	4.724	43	15009	2.869	ug/l	96
19) Cyclohexane	5.361	56	11505	0.496	ug/l	93
20) Methylcyclohexane	6.743	83	9705	0.453	ug/l	94
21) 2,2-Dichloropropane	4.644	77	11273	0.517	ug/l #	79
22) cis-1,2-Dichloroethene	4.647	96	8333	0.523	ug/l	95
23) Diethyl Ether	2.374	59	5801	0.496	ug/l	97
24) tert-Butyl Alcohol	3.197	59	7253	5.882	ug/l	99
25) Methyl tert-Butyl Ether	3.367	73	17503	0.496	ug/l	97
26) Bromochloromethane	4.959	128	3192	0.515	ug/l	99
27) Chloroform	5.071	83	15019	0.523	ug/l	96
28) 1,1,1-Trichloroethane	5.293	97	11251	0.483	ug/l	95
29) 1,1-Dichloropropene	5.505	75	10552	0.496	ug/l	97
30) Carbon Tetrachloride	5.502	117	8753	0.470	ug/l	95
31) Isopropyl Ether	3.994	45	25406	0.527	ug/l	99
32) Ethyl-t-butyl ether	4.509	59	20953	0.517	ug/l	98
33) Tert-Amyl methyl ether	5.949	73	13421	0.463	ug/l	99
34) Propionitrile	4.785	54	4468	2.953	ug/l #	89
35) Benzene	5.759	78	31874	0.495	ug/l	97
36) 1,2-Dichloroethane	5.788	62	9372	0.498	ug/l	97
37) Trichloroethene	6.531	130	7179	0.472	ug/l	97
38) 1,2-Dichloropropane	6.785	63	8136	0.458	ug/l	97
39) Methacrylonitrile	4.981	41	3976	0.631	ug/l #	86
40) Methyl acrylate	4.853	55	4562	0.515	ug/l #	71
41) Tetrahydrofuran	5.065	42	4338	1.281	ug/l	91
42) 1-Chlorobutane	5.441	56	13189	0.437	ug/l	96
43) Dibromomethane	6.914	93	4286	0.516	ug/l	87
44) Bromodichloromethane	7.100	83	10088	0.499	ug/l	98

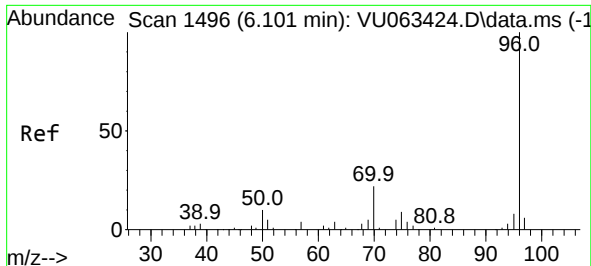
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062325\
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Quant Time: Jun 24 04:44:34 2025
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Jun 24 03:53:51 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.804	43	19505	2.187	ug/l	93
46) t-1,4-Dichloro-2-butene	10.817	75	7967	2.799	ug/l #	45
47) Methyl methacrylate	6.978	69	4895	1.504	ug/l	97
48) Ethyl methacrylate	8.341	69	4371	0.650	ug/l	90
49) Toluene	7.962	92	14519	0.411	ug/l	98
50) t-1,3-Dichloropropene	8.209	75	6008	0.412	ug/l	96
51) cis-1,3-Dichloropropene	7.605	75	8088	0.413	ug/l	93
52) 1,1,2-Trichloroethane	8.399	97	5889	0.485	ug/l	97
53) 1,3-Dichloropropane	8.573	76	10262	0.491	ug/l	99
54) 2-Hexanone	8.698	43	14049	3.353	ug/l	89
55) Dibromochloromethane	8.804	129	6116	0.488	ug/l	94
56) 1,2-Dibromoethane	8.920	107	4832	0.491	ug/l	98
58) Tetrachloroethene	8.547	164	6912	0.463	ug/l	94
59) Chlorobenzene	9.444	112	17027	0.450	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.525	131	6725	0.494	ug/l	96
61) Pentachloroethane	11.418	117	5856	0.528	ug/l	89
62) Hexachloroethane	12.467	117	4560	0.457	ug/l	90
63) Ethyl Benzene	9.563	91	24136	0.398	ug/l	90
64) m/p-Xylenes	9.689	106	17362	1.369	ug/l	96
65) o-Xylene	10.097	106	9040	0.392	ug/l	91
66) Styrene	10.113	104	13591	0.695	ug/l	98
67) Bromoform	10.287	173	3128	0.457	ug/l #	91
69) Isopropylbenzene	10.479	105	20554	0.385	ug/l	96
70) 1,1,2,2-Tetrachloroethane	10.778	83	8029	0.517	ug/l	97
71) 1,2,3-Trichloropropane	10.817	75	7967	0.616	ug/l #	87
72) Bromobenzene	10.782	156	6630	0.442	ug/l	87
73) n-propylbenzene	10.901	120	6020	0.665	ug/l	100
74) 2-Chlorotoluene	10.981	126	5691	0.384	ug/l	99
75) 1,3,5-Trimethylbenzene	11.084	105	17947	0.649	ug/l	96
76) 4-Chlorotoluene	11.097	126	6010	0.387	ug/l	92
77) tert-Butylbenzene	11.415	119	19254	0.392	ug/l	97
78) 1,2,4-Trimethylbenzene	11.463	105	18055	0.686	ug/l	99
79) sec-Butylbenzene	11.637	105	26179	0.377	ug/l	100
80) Nitrobenzene	13.225	77	2367	4.523	ug/l #	94
81) p-Isopropyltoluene	11.788	119	18968	0.685	ug/l	92
82) 1,3-Dichlorobenzene	11.743	146	13935	0.449	ug/l	98
83) 1,4-Dichlorobenzene	11.833	146	13917	0.432	ug/l	98
84) n-Butylbenzene	12.206	91	23809	0.419	ug/l	93
85) 1,2-Dichlorobenzene	12.206	146	13276	0.447	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	12.984	75	944	0.442	ug/l	93
87) 1,2,4-Trichlorobenzene	13.836	180	8572	0.517	ug/l	97
88) Hexachlorobutadiene	14.013	225	5732	0.488	ug/l	96
89) Naphthalene	14.090	128	19031	1.386	ug/l	97
90) 1,2,3-Trichlorobenzene	14.325	180	8948	0.543	ug/l	94

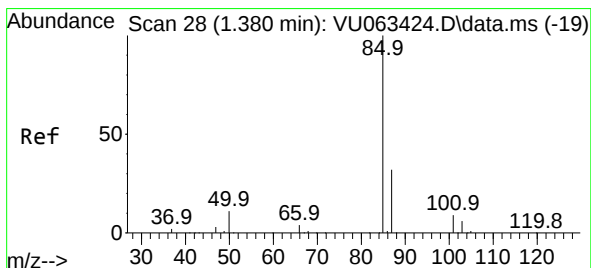
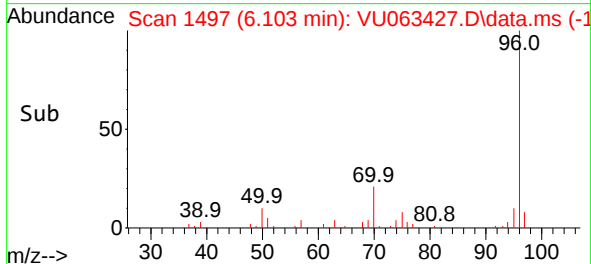
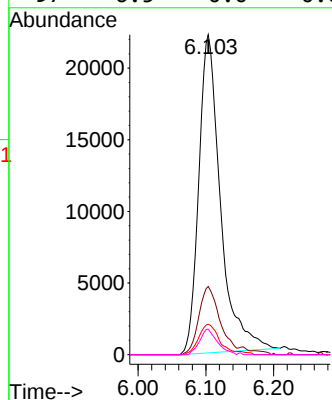
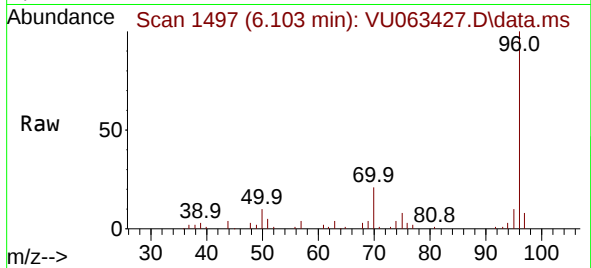
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.103 min Scan# 14
Delta R.T. 0.002 min
Lab File: VU063427.D
Acq: 23 Jun 2025 14:36

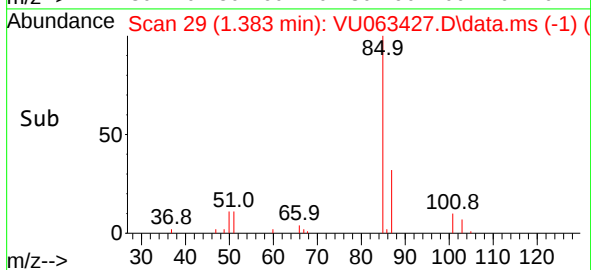
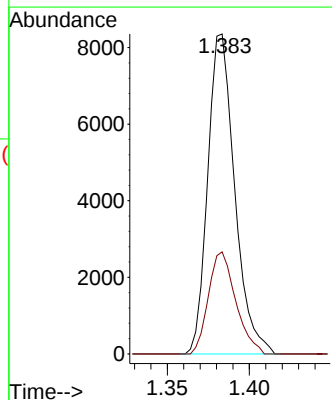
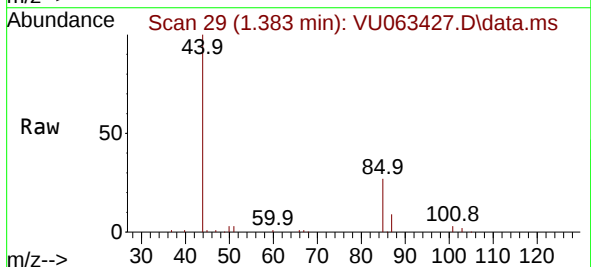
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

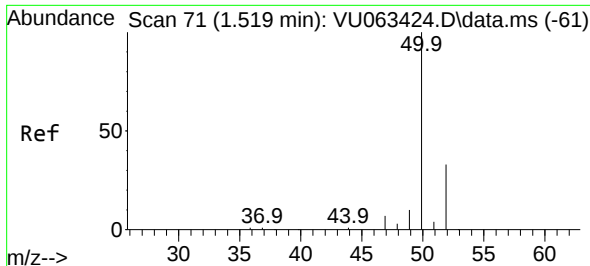
Tgt Ion: 96	Resp: 49410
Ion Ratio	Lower Upper
96 100	
70 18.5	16.4 24.6
95 8.0	6.2 9.2
97 6.5	0.0 0.0



#2
Dichlorodifluoromethane
Concen: 0.503 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.003 min
Lab File: VU063427.D
Acq: 23 Jun 2025 14:36

Tgt Ion: 85	Resp: 9539
Ion Ratio	Lower Upper
85 100	
87 31.9	16.2 48.5

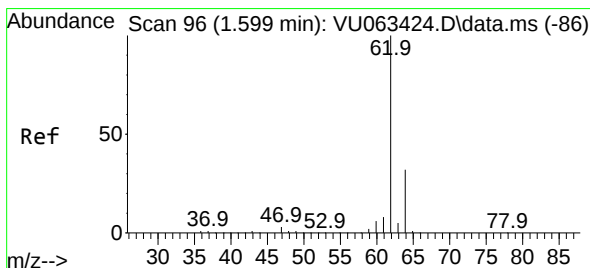
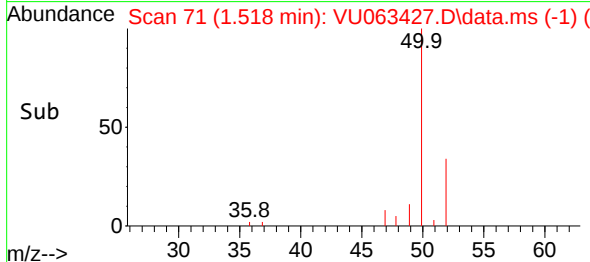
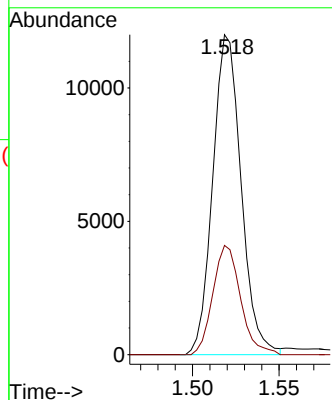
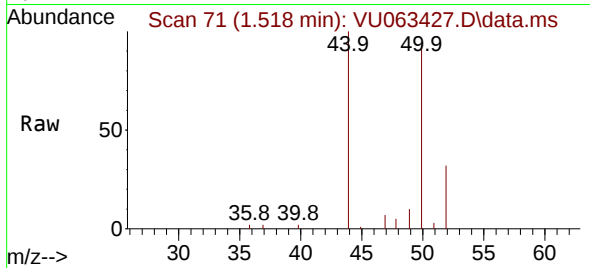




#3
Chloromethane
Concen: 0.547 ug/l
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU063427.D
Acq: 23 Jun 2025 14:36

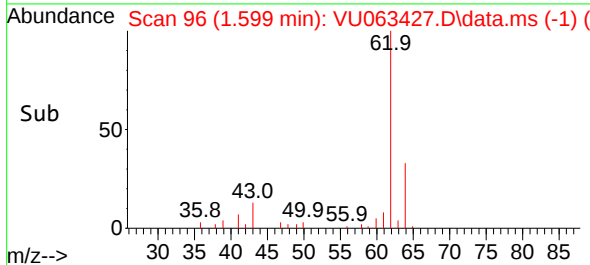
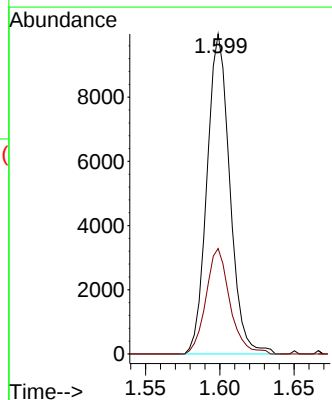
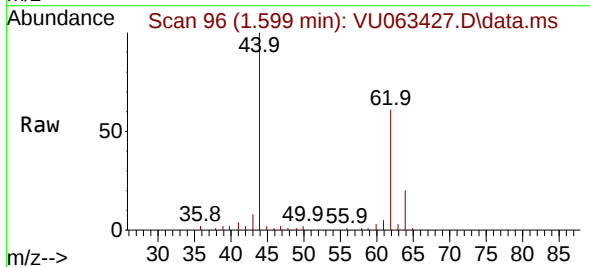
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MSVOA_U
ClientSampleId :
VSTDIC0.5

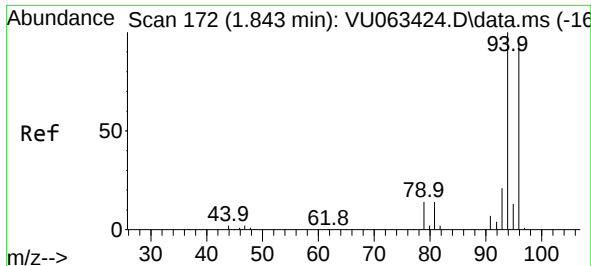
Tgt Ion: 50 Resp: 13673
Ion Ratio Lower Upper
50 100
52 34.1 26.6 40.0



#4
Vinyl Chloride
Concen: 0.498 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063427.D
Acq: 23 Jun 2025 14:36

Tgt Ion: 62 Resp: 10654
Ion Ratio Lower Upper
62 100
64 33.0 25.7 38.5

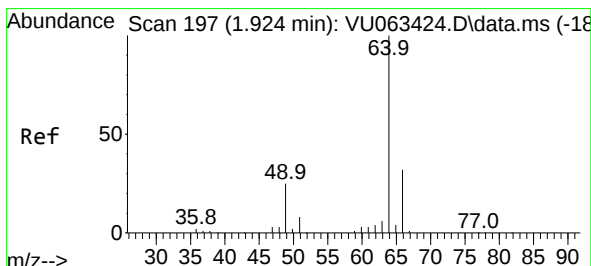
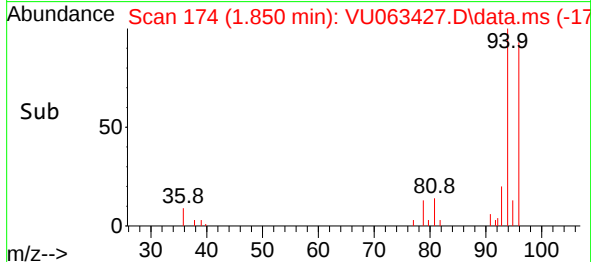
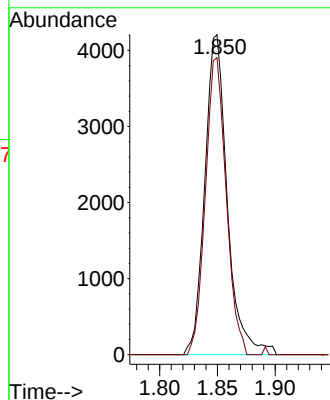
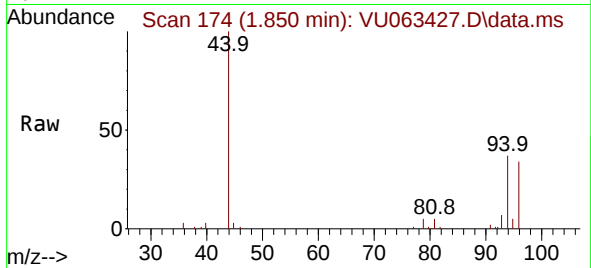




#5
Bromomethane
Concen: 0.555 ug/l
RT: 1.850 min Scan# 174
Delta R.T. 0.006 min
Lab File: VU063427.D
Acq: 23 Jun 2025 14:36

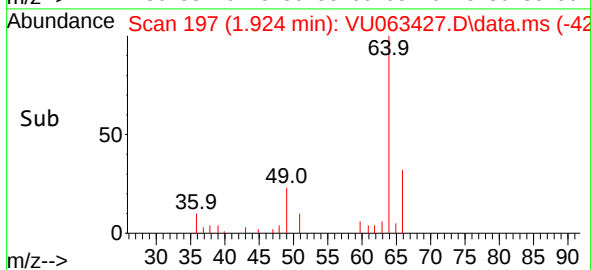
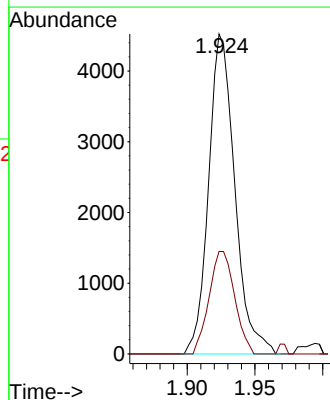
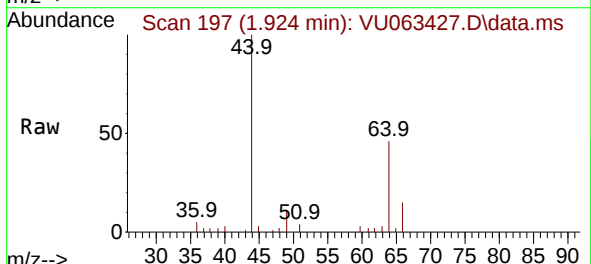
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ClientSampleId :
VSTDIC0.5

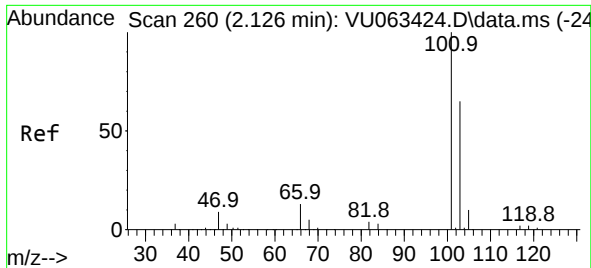
Tgt Ion: 94 Resp: 5695
Ion Ratio Lower Upper
94 100
96 92.8 74.8 112.2



#6
Chloroethane
Concen: 0.479 ug/l
RT: 1.924 min Scan# 197
Delta R.T. -0.000 min
Lab File: VU063427.D
Acq: 23 Jun 2025 14:36

Tgt Ion: 64 Resp: 6078
Ion Ratio Lower Upper
64 100
66 32.1 25.7 38.5

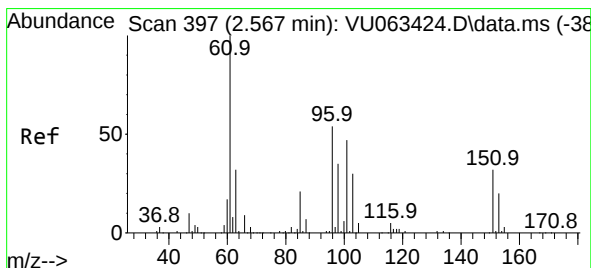
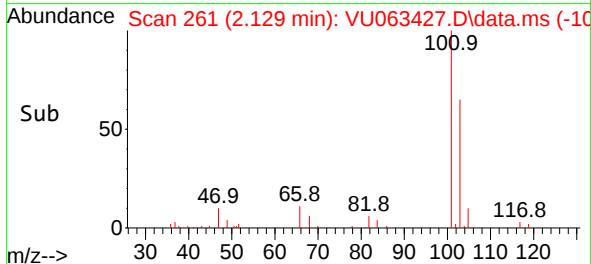
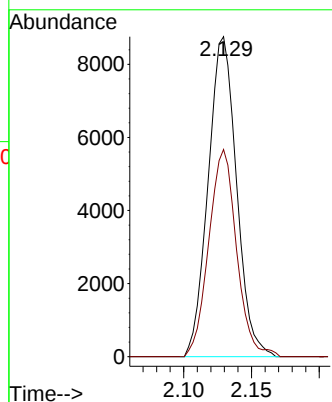
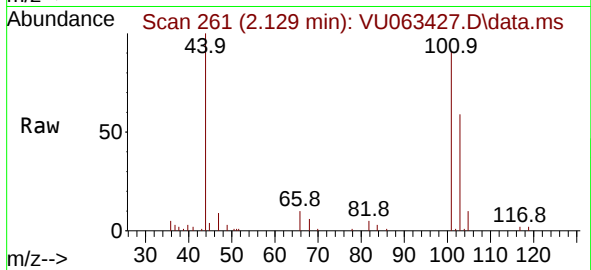




#7
 Trichlorofluoromethane
 Concen: 0.522 ug/l
 RT: 2.129 min Scan# 210
 Delta R.T. 0.003 min
 Lab File: VU063427.D
 Acq: 23 Jun 2025 14:36

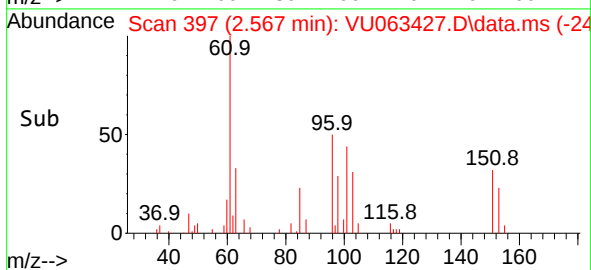
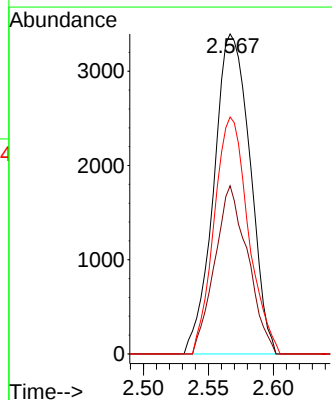
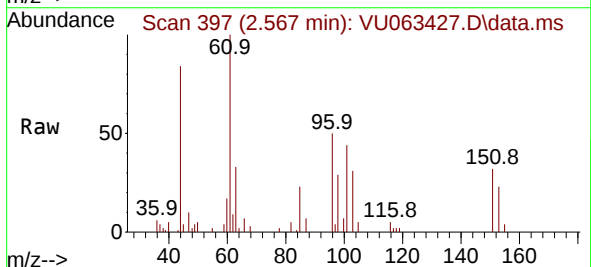
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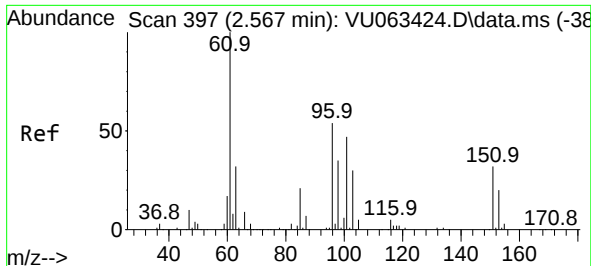
Tgt Ion:101 Resp: 12754
 Ion Ratio Lower Upper
 101 100
 103 64.7 52.3 78.5



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.507 ug/l
 RT: 2.567 min Scan# 397
 Delta R.T. -0.000 min
 Lab File: VU063427.D
 Acq: 23 Jun 2025 14:36

Tgt Ion:101 Resp: 6593
 Ion Ratio Lower Upper
 101 100
 85 47.9 36.7 55.1
 151 69.8 53.9 80.9

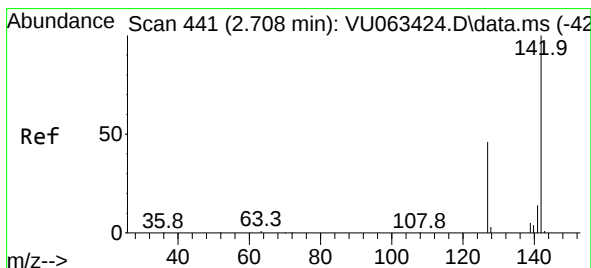
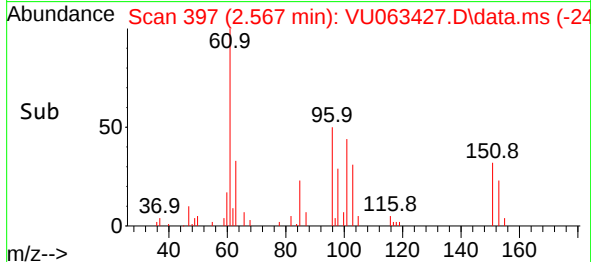
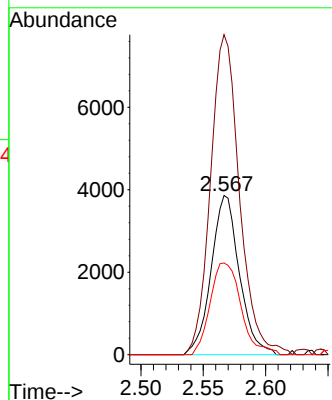
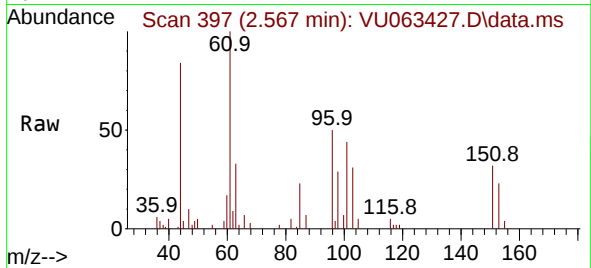




#9
1,1-Dichloroethene
Concen: 0.469 ug/l
RT: 2.567 min Scan# 397
Delta R.T. -0.000 min
Lab File: VU063427.D
Acq: 23 Jun 2025 14:36

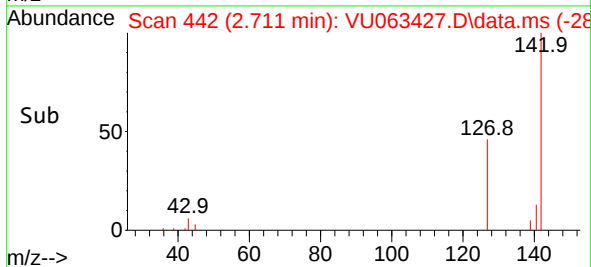
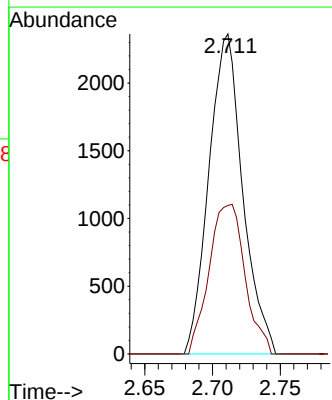
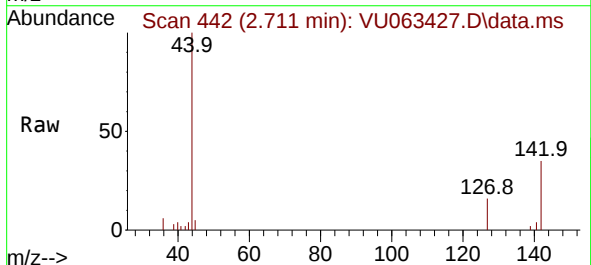
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

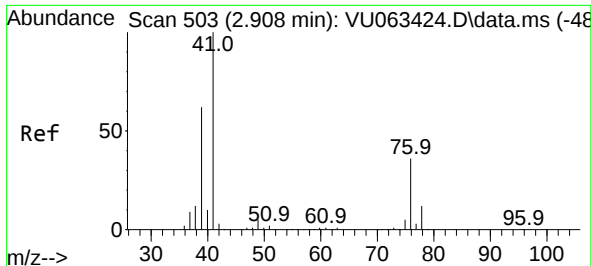
Tgt Ion: 96 Resp: 6082
Ion Ratio Lower Upper
96 100
61 201.0 0.0 552.0
98 57.5 0.0 128.4



#10
Iodomethane
Concen: 0.391 ug/l
RT: 2.711 min Scan# 442
Delta R.T. 0.003 min
Lab File: VU063427.D
Acq: 23 Jun 2025 14:36

Tgt Ion: 142 Resp: 4095
Ion Ratio Lower Upper
142 100
127 49.6 36.9 55.3





#11

Allyl Chloride

Concen: 0.507 ug/l

RT: 2.911 min Scan# 503

Delta R.T. 0.003 min

Lab File: VU063427.D

Acq: 23 Jun 2025 14:36

Instrument :

MSVOA_U

ClientSampleId :

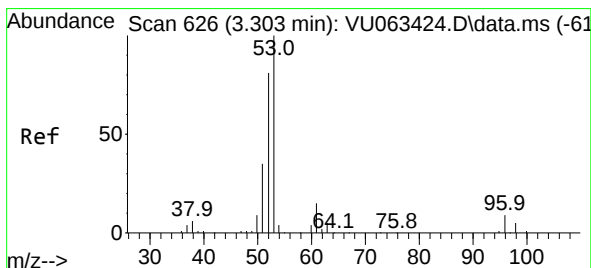
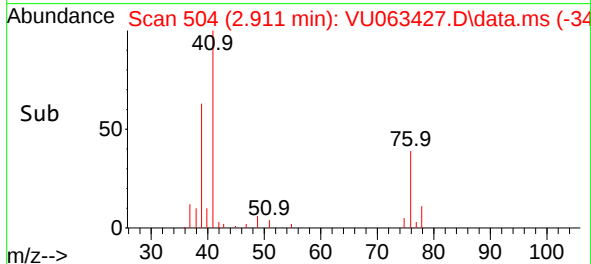
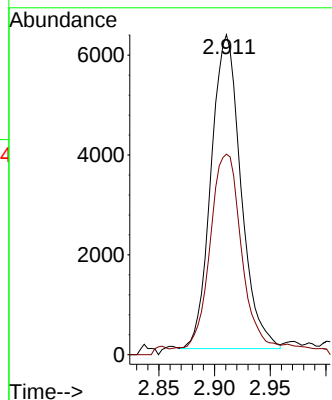
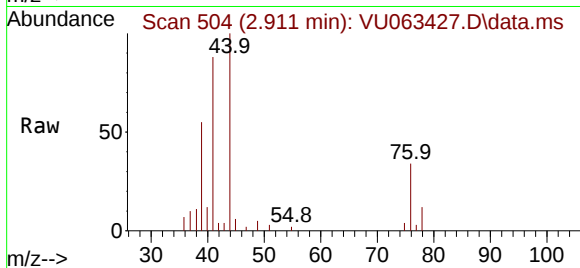
VSTDIC0.5

Tgt Ion: 41 Resp: 11727

Ion Ratio Lower Upper

41 100

39 65.1 50.3 75.5



#12

Acrylonitrile

Concen: 1.074 ug/l

RT: 3.309 min Scan# 628

Delta R.T. 0.006 min

Lab File: VU063427.D

Acq: 23 Jun 2025 14:36

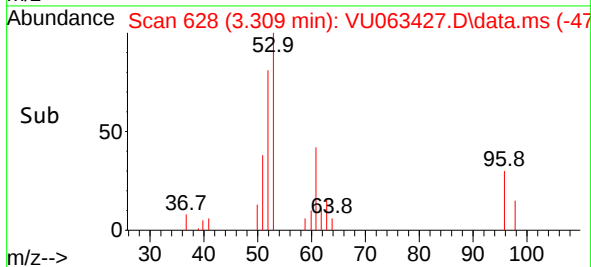
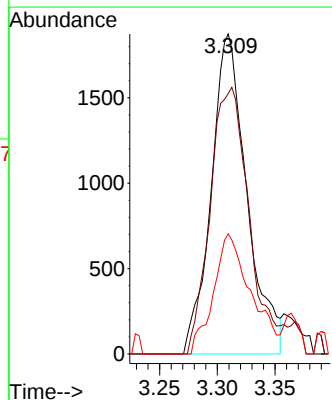
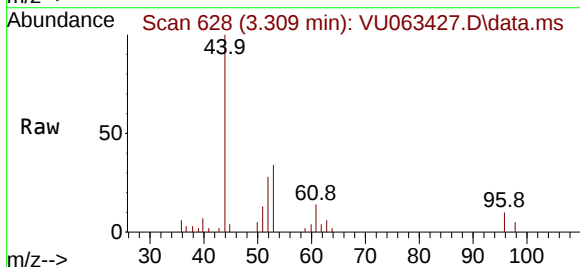
Tgt Ion: 53 Resp: 4028

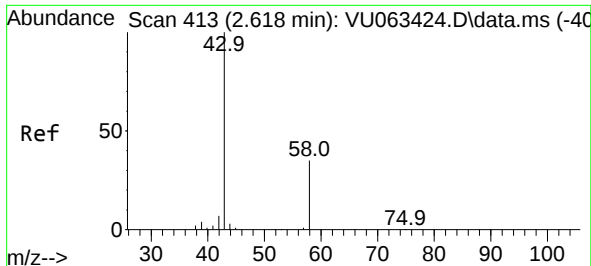
Ion Ratio Lower Upper

53 100

52 90.4 62.8 94.2

51 39.1 26.2 39.4





#13

Acetone

Concen: 2.782 ug/l

RT: 2.621 min Scan# 413

Delta R.T. 0.003 min

Lab File: VU063427.D

Acq: 23 Jun 2025 14:36

Instrument :

MSVOA_U

ClientSampleId :

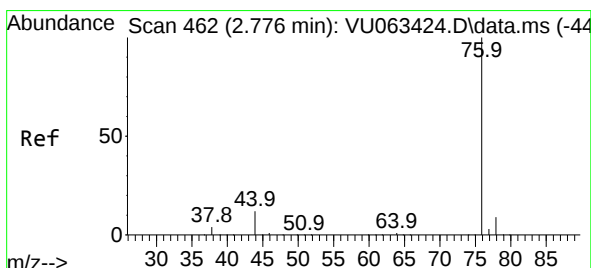
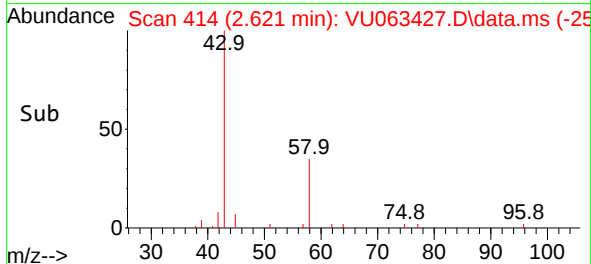
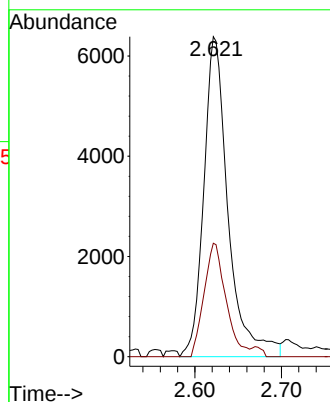
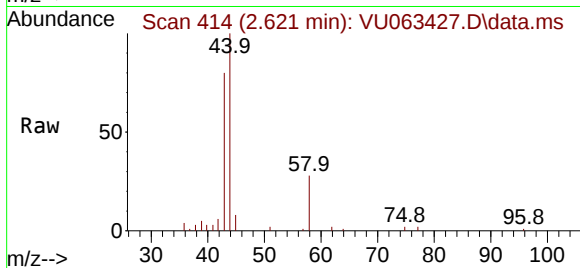
VSTDIC0.5

Tgt Ion: 43 Resp: 12451

Ion Ratio Lower Upper

43 100

58 35.4 28.3 42.5



#14

Carbon Disulfide

Concen: 0.506 ug/l

RT: 2.776 min Scan# 462

Delta R.T. -0.000 min

Lab File: VU063427.D

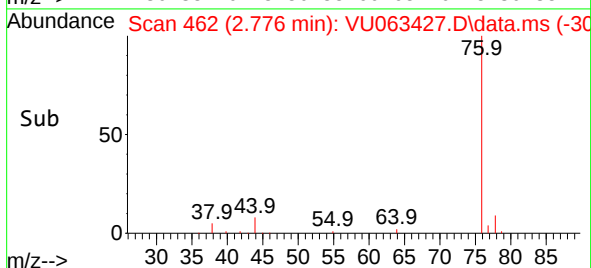
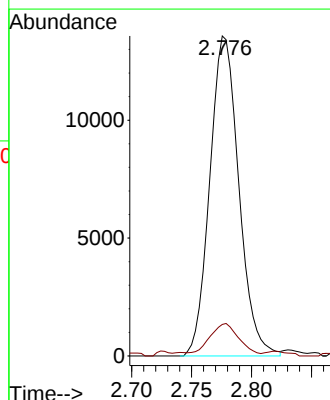
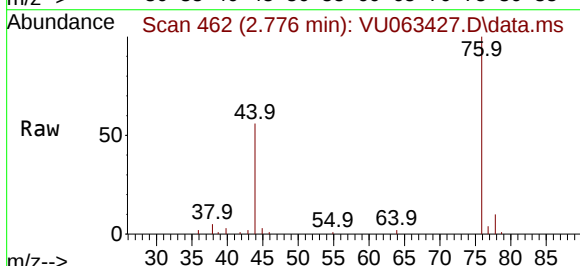
Acq: 23 Jun 2025 14:36

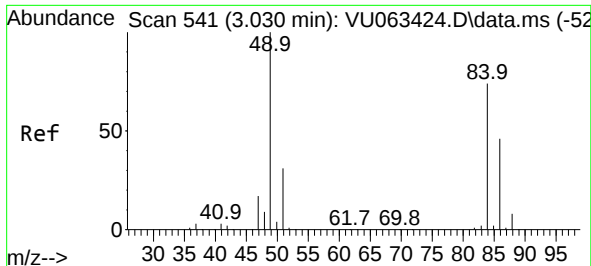
Tgt Ion: 76 Resp: 22881

Ion Ratio Lower Upper

76 100

78 9.5 6.9 10.3



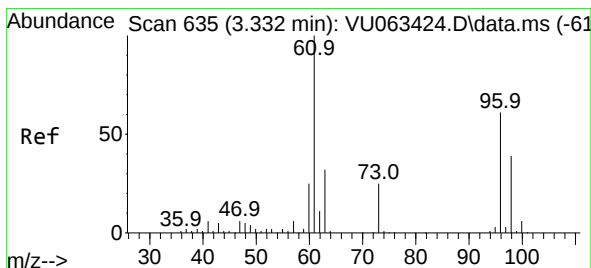
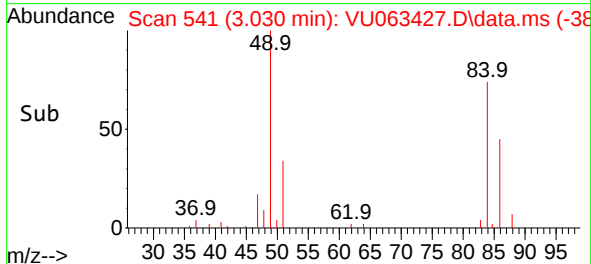
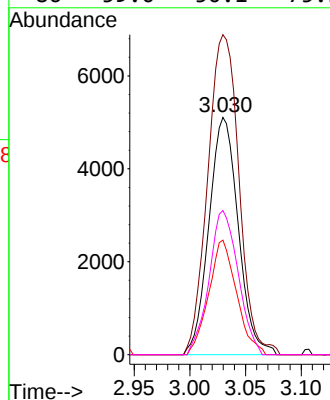
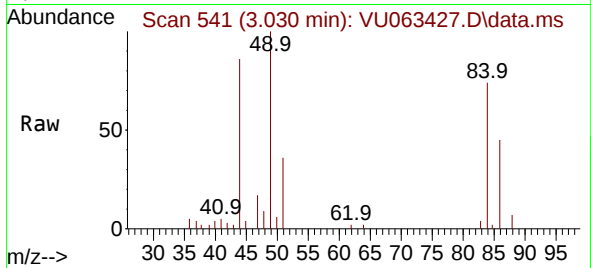


#15
Methylene Chloride
Concen: 0.570 ug/l
RT: 3.030 min Scan# 541
Delta R.T. -0.000 min
Lab File: VU063427.D
Acq: 23 Jun 2025 14:36

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion: 84 Resp: 9375

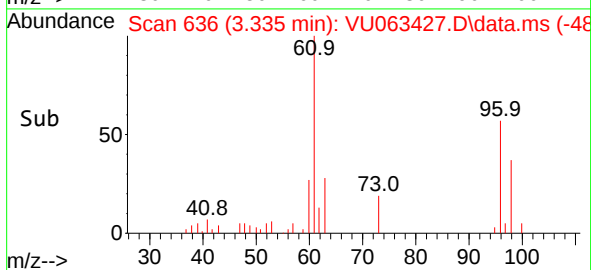
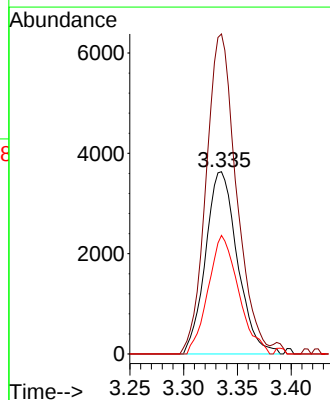
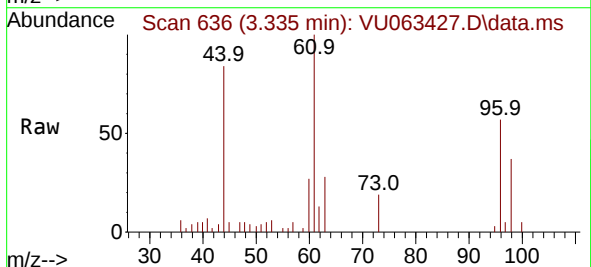
Ion	Ratio	Lower	Upper
84	100		
49	130.9	108.7	163.1
51	46.9	0.0	83.8
86	59.0	50.1	75.1



#16
trans-1,2-Dichloroethene
Concen: 0.513 ug/l
RT: 3.335 min Scan# 636
Delta R.T. 0.003 min
Lab File: VU063427.D
Acq: 23 Jun 2025 14:36

Tgt Ion: 96 Resp: 7485

Ion	Ratio	Lower	Upper
96	100		
61	175.6	132.1	198.1
98	65.0	51.0	76.4

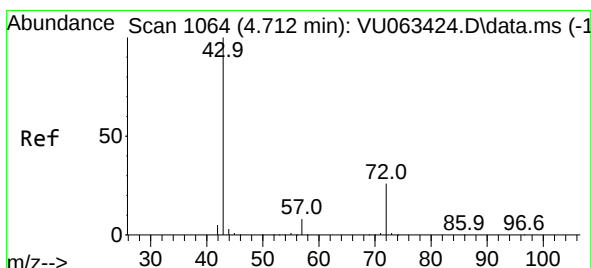
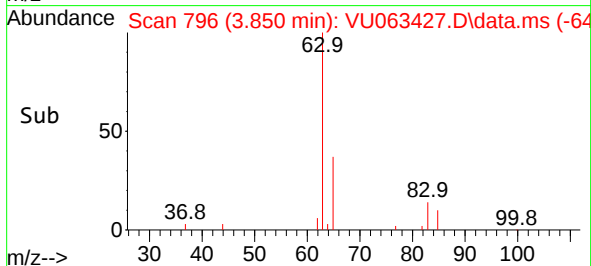
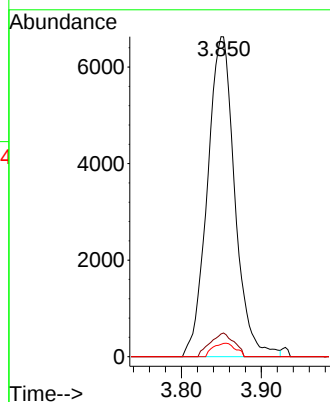
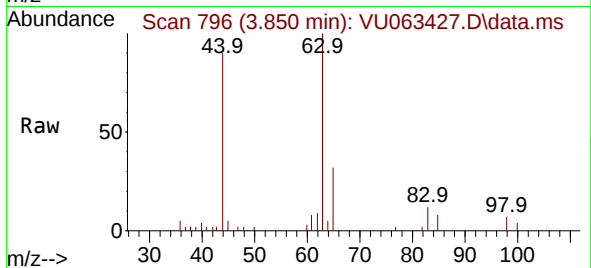




#17
 1,1-Dichloroethane
 Concen: 0.515 ug/l
 RT: 3.850 min Scan# 796
 Delta R.T. -0.000 min
 Lab File: VU063427.D
 Acq: 23 Jun 2025 14:36

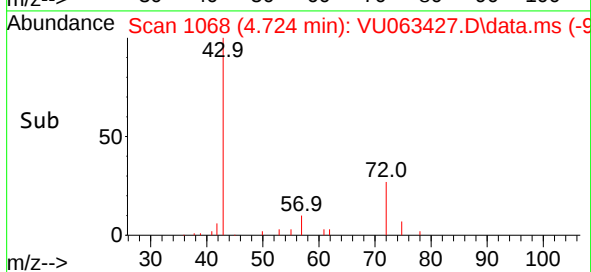
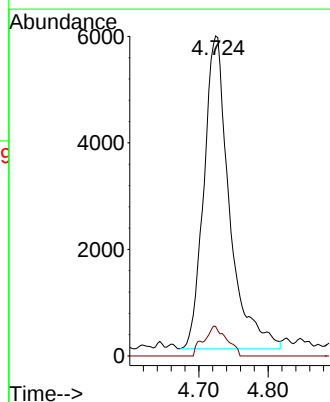
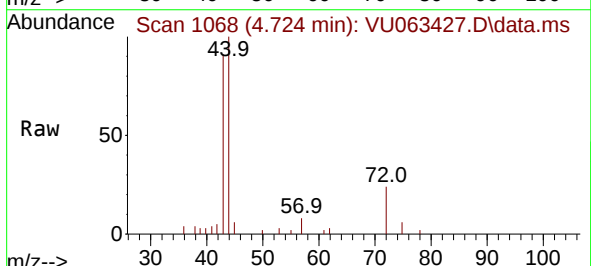
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

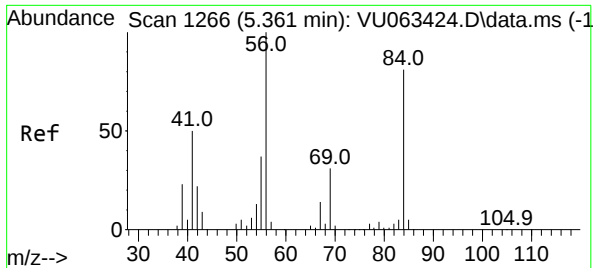
Tgt Ion: 63 Resp: 15796
 Ion Ratio Lower Upper
 63 100
 98 7.1 2.8 8.4
 100 3.8 1.9 5.7



#18
 2-Butanone
 Concen: 2.869 ug/l
 RT: 4.724 min Scan# 1068
 Delta R.T. 0.013 min
 Lab File: VU063427.D
 Acq: 23 Jun 2025 14:36

Tgt Ion: 43 Resp: 15009
 Ion Ratio Lower Upper
 43 100
 57 9.5 0.0 16.0

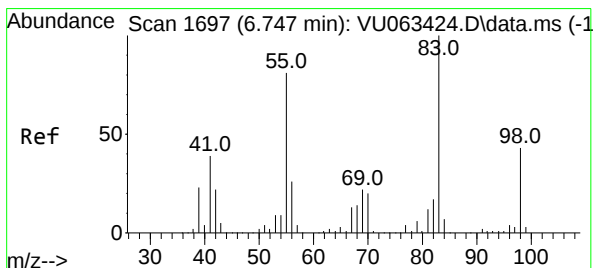
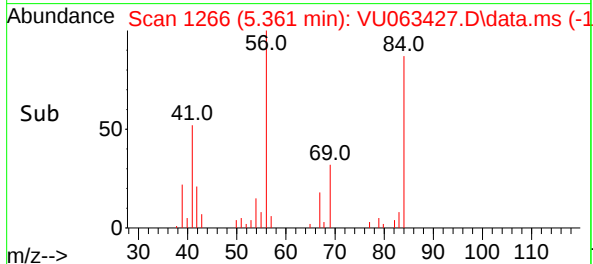
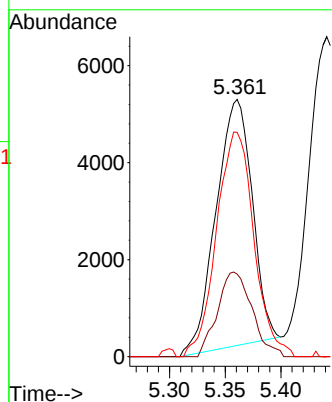
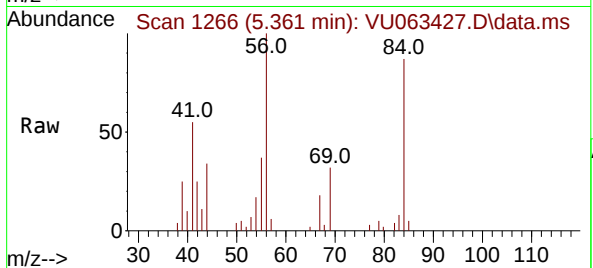




#19
Cyclohexane
Concen: 0.496 ug/l
RT: 5.361 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU063427.D
Acq: 23 Jun 2025 14:36

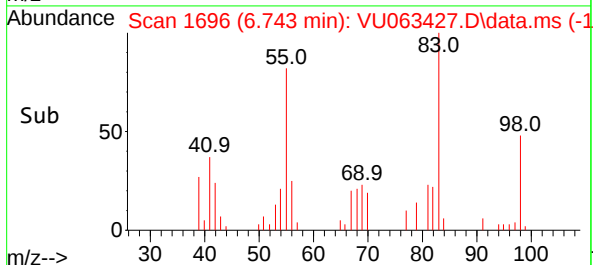
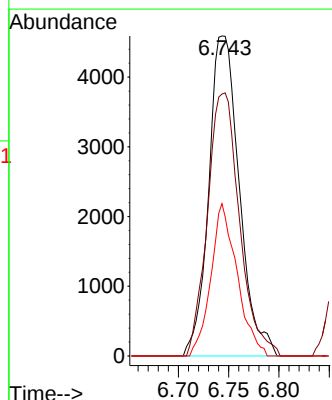
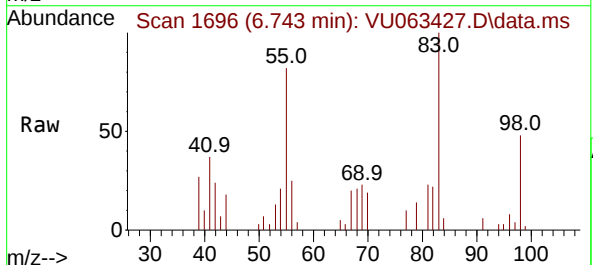
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

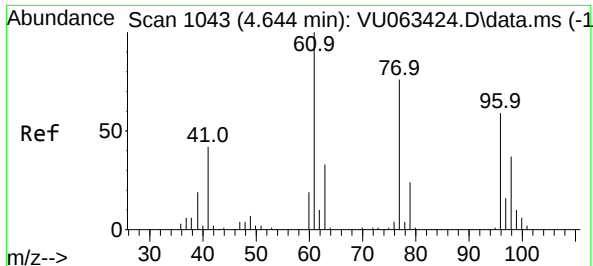
Tgt Ion:	56	Resp:	11505
Ion	Ratio	Lower	Upper
56	100		
69	32.8	26.4	39.6
84	94.1	68.6	102.8



#20
Methylcyclohexane
Concen: 0.453 ug/l
RT: 6.743 min Scan# 1696
Delta R.T. -0.004 min
Lab File: VU063427.D
Acq: 23 Jun 2025 14:36

Tgt Ion:	83	Resp:	9705
Ion	Ratio	Lower	Upper
83	100		
55	86.0	63.5	95.3
98	40.9	34.2	51.4





#21

2,2-Dichloropropane

Concen: 0.517 ug/l

RT: 4.644 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VU063427.D

Acq: 23 Jun 2025 14:36

Instrument :

MSVOA_U

ClientSampleId :

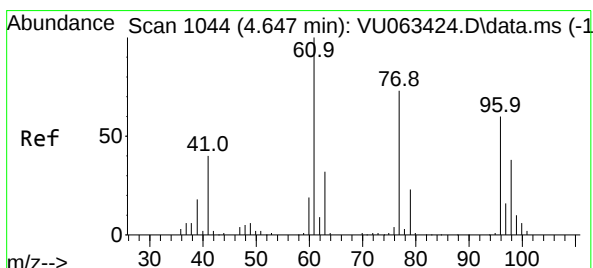
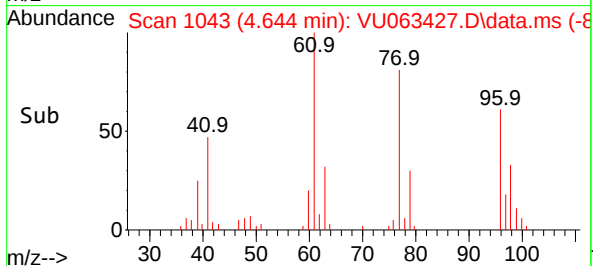
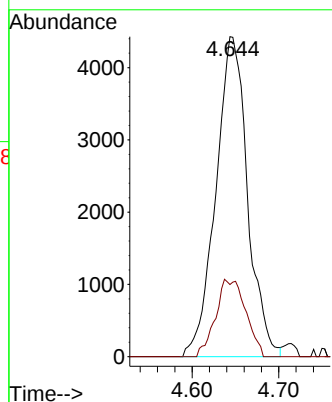
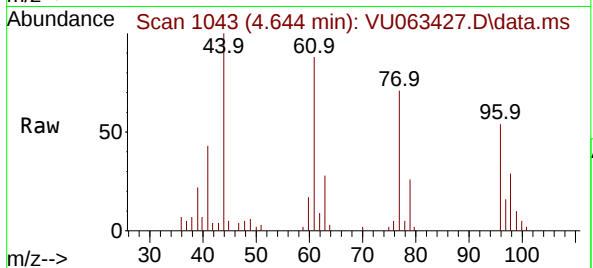
VSTDIC0.5

Tgt Ion: 77 Resp: 11273

Ion Ratio Lower Upper

77 100

97 11.6 17.2 25.8#



#22

cis-1,2-Dichloroethene

Concen: 0.523 ug/l

RT: 4.647 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VU063427.D

Acq: 23 Jun 2025 14:36

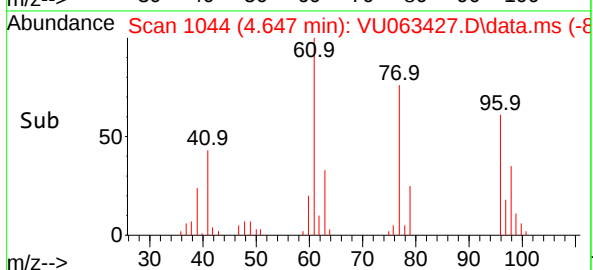
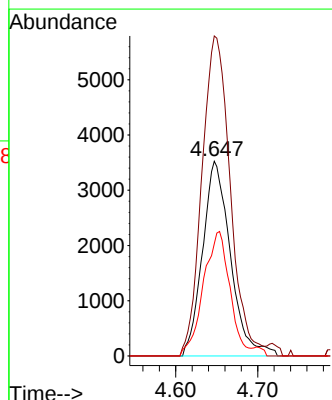
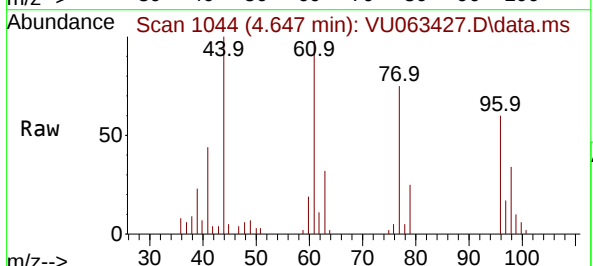
Tgt Ion: 96 Resp: 8333

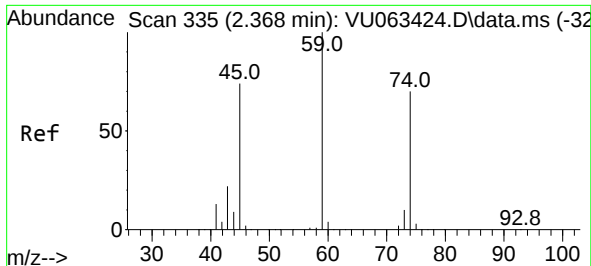
Ion Ratio Lower Upper

96 100

61 166.5 0.0 434.3

98 60.5 31.9 95.7

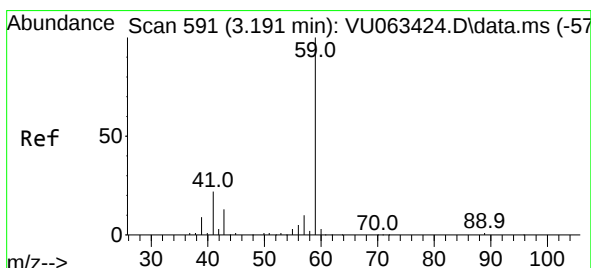
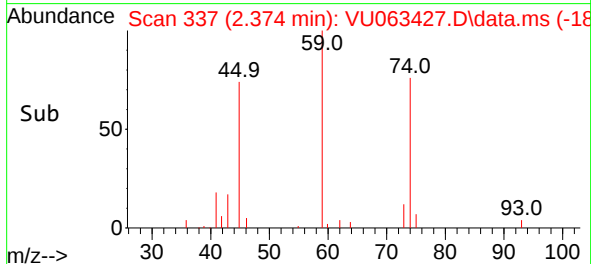
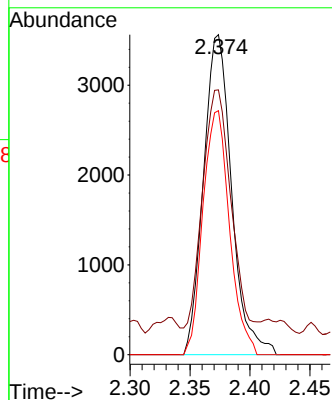
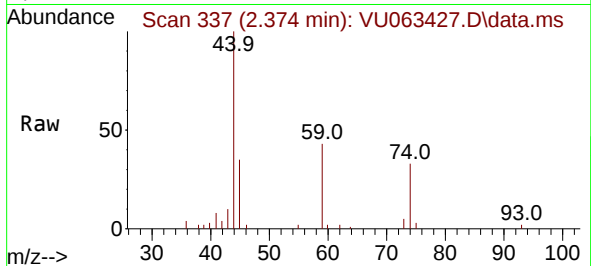




#23
Diethyl Ether
Concen: 0.496 ug/l
RT: 2.374 min Scan# 311
Delta R.T. 0.006 min
Lab File: VU063427.D
Acq: 23 Jun 2025 14:36

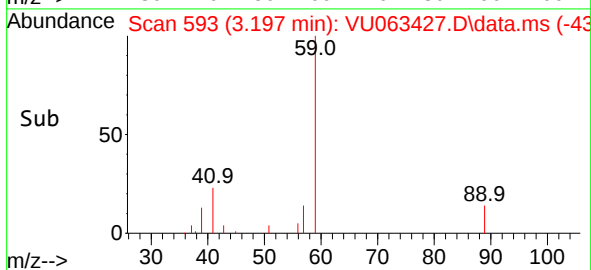
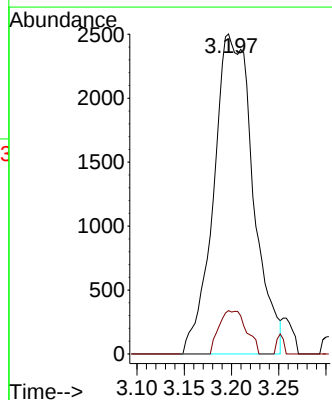
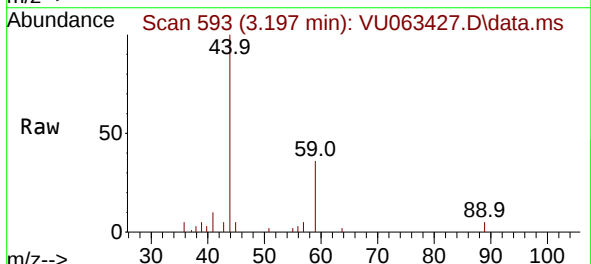
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

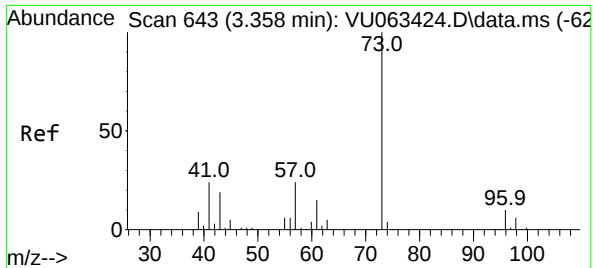
Tgt Ion: 59 Resp: 5801
Ion Ratio Lower Upper
59 100
45 73.7 60.7 91.1
74 72.2 55.8 83.6



#24
tert-Butyl Alcohol
Concen: 5.882 ug/l
RT: 3.197 min Scan# 593
Delta R.T. 0.006 min
Lab File: VU063427.D
Acq: 23 Jun 2025 14:36

Tgt Ion: 59 Resp: 7253
Ion Ratio Lower Upper
59 100
57 9.3 7.8 11.8

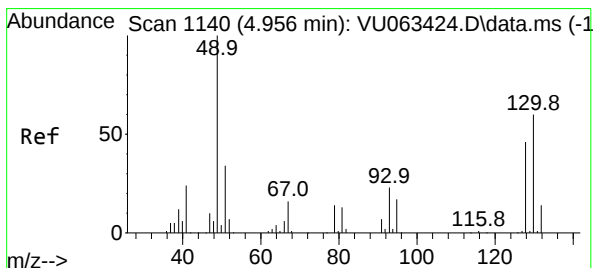
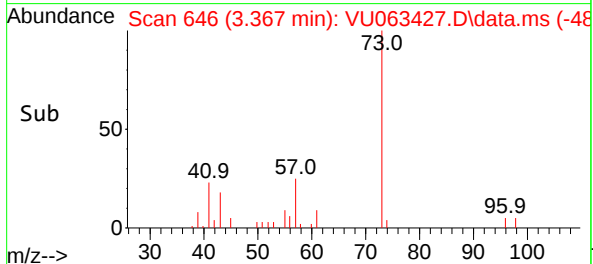
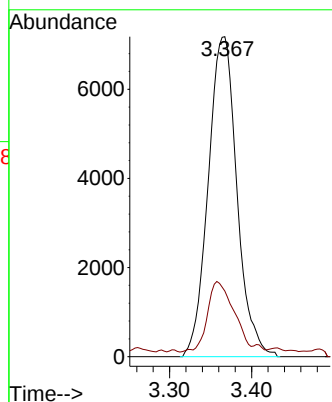
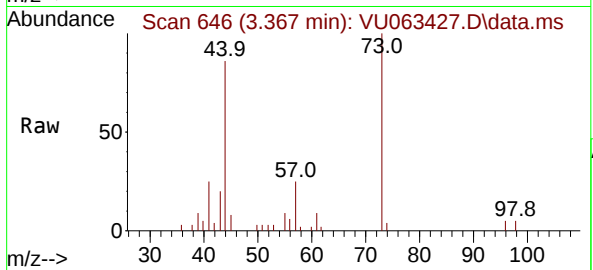




#25
Methyl tert-Butyl Ether
Concen: 0.496 ug/l
RT: 3.367 min Scan# 643
Delta R.T. 0.009 min
Lab File: VU063427.D
Acq: 23 Jun 2025 14:36

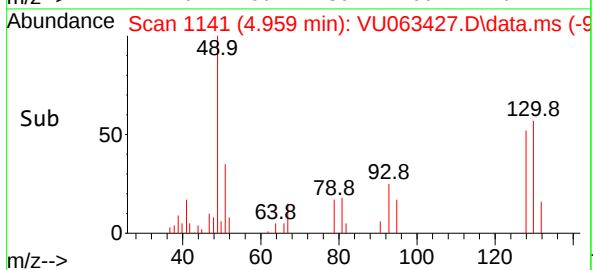
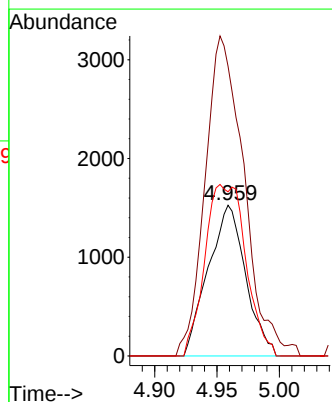
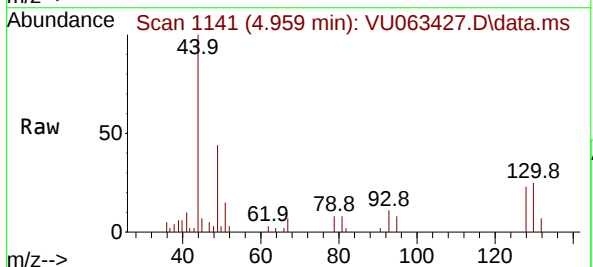
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

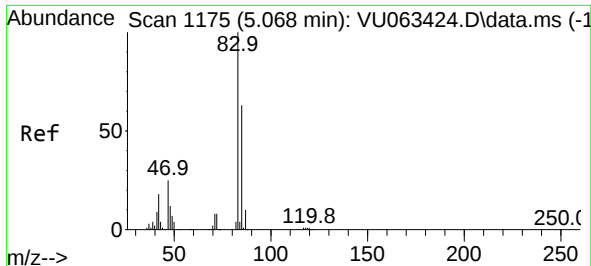
Tgt Ion: 73 Resp: 17503
Ion Ratio Lower Upper
73 100
43 20.2 15.1 22.7



#26
Bromochloromethane
Concen: 0.515 ug/l
RT: 4.959 min Scan# 1141
Delta R.T. 0.003 min
Lab File: VU063427.D
Acq: 23 Jun 2025 14:36

Tgt Ion: 128 Resp: 3192
Ion Ratio Lower Upper
128 100
49 220.3 0.0 441.2
130 124.7 102.3 153.5





#27

Chloroform

Concen: 0.523 ug/l

RT: 5.071 min Scan# 1175

Delta R.T. 0.003 min

Lab File: VU063427.D

Acq: 23 Jun 2025 14:36

Instrument :

MSVOA_U

ClientSampleId :

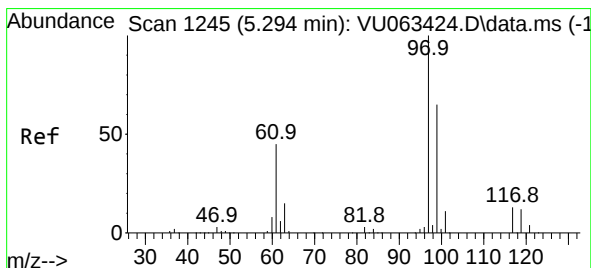
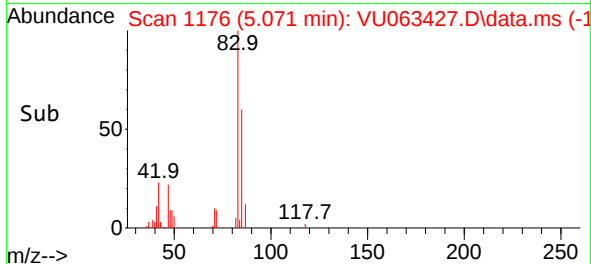
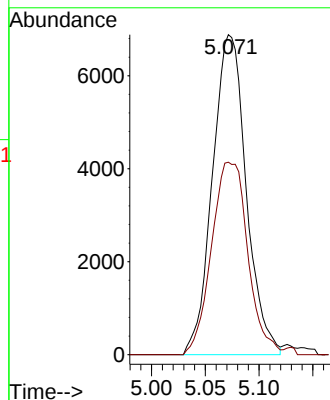
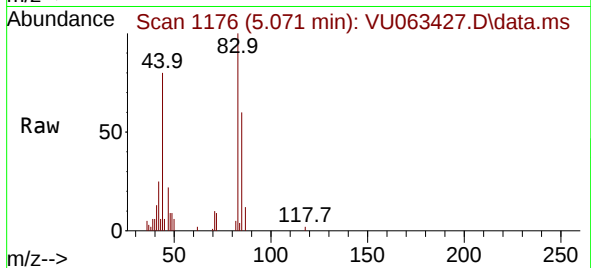
VSTDICC0.5

Tgt Ion: 83 Resp: 15019

Ion Ratio Lower Upper

83 100

85 60.2 0.0 126.8



#28

1,1,1-Trichloroethane

Concen: 0.483 ug/l

RT: 5.293 min Scan# 1245

Delta R.T. -0.000 min

Lab File: VU063427.D

Acq: 23 Jun 2025 14:36

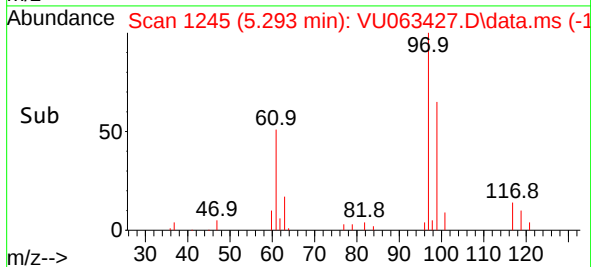
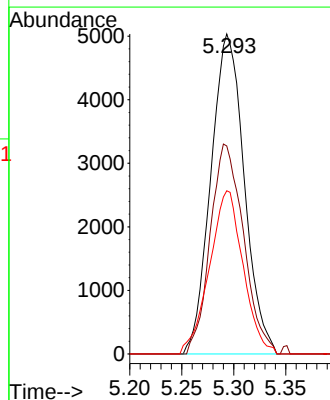
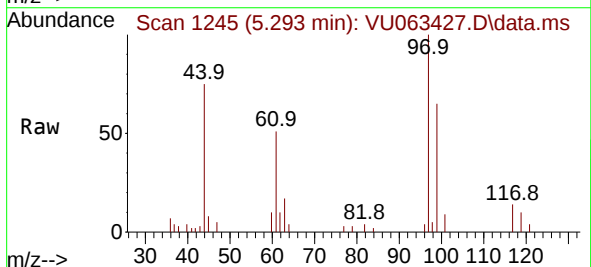
Tgt Ion: 97 Resp: 11251

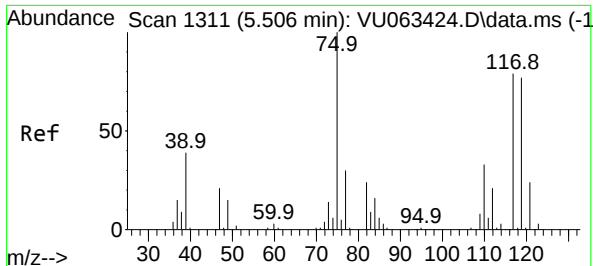
Ion Ratio Lower Upper

97 100

99 65.3 31.9 95.5

61 51.3 22.9 68.7

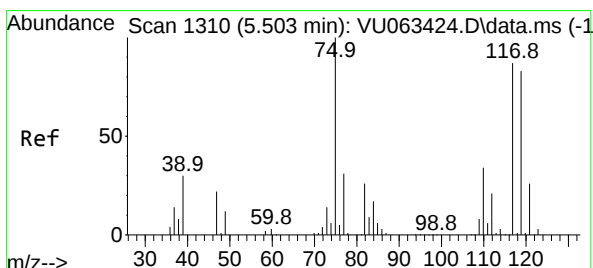
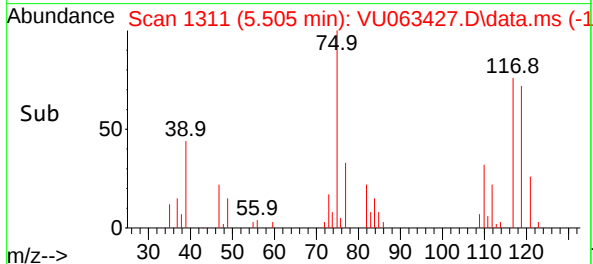
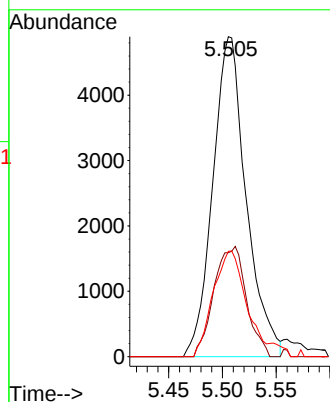
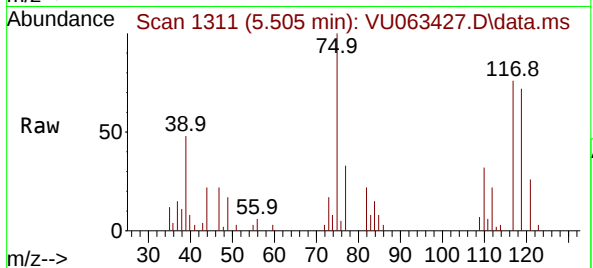




#29
1,1-Dichloropropene
Concen: 0.496 ug/l
RT: 5.505 min Scan# 11
Delta R.T. -0.001 min
Lab File: VU063427.D
Acq: 23 Jun 2025 14:36

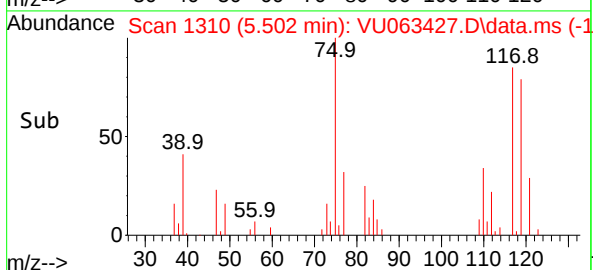
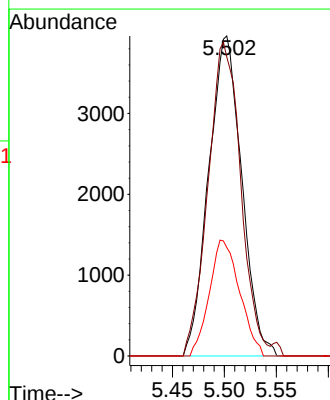
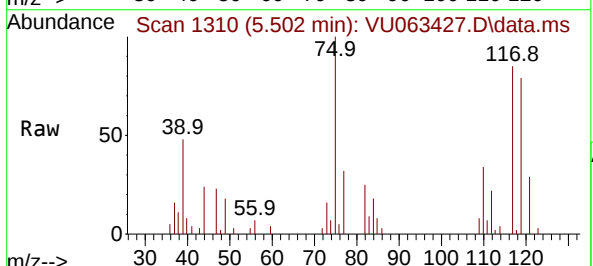
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

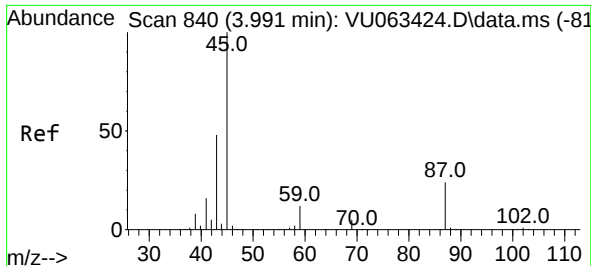
Tgt Ion: 75 Resp: 10552
Ion Ratio Lower Upper
75 100
110 33.5 17.4 52.2
77 34.3 25.4 38.0



#30
Carbon Tetrachloride
Concen: 0.470 ug/l
RT: 5.502 min Scan# 1310
Delta R.T. -0.000 min
Lab File: VU063427.D
Acq: 23 Jun 2025 14:36

Tgt Ion: 117 Resp: 8753
Ion Ratio Lower Upper
117 100
119 90.9 76.7 115.1
121 33.0 24.3 36.5

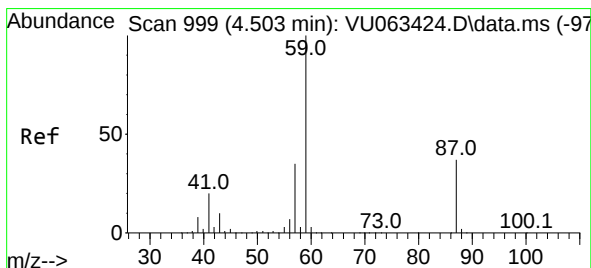
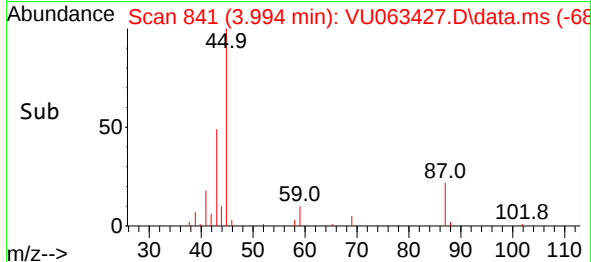
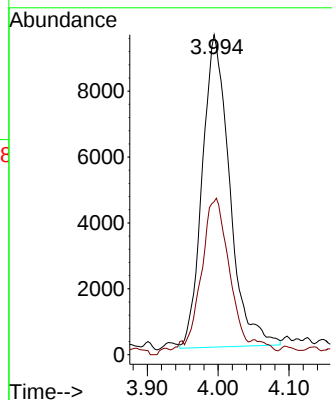
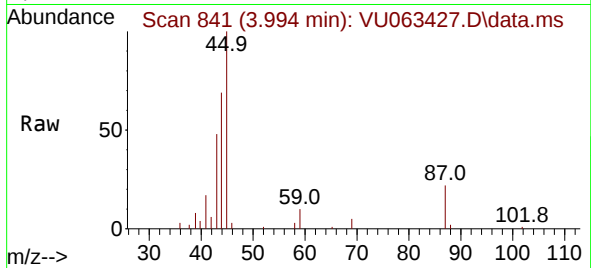




#31
Isopropyl Ether
Concen: 0.527 ug/l
RT: 3.994 min Scan# 841
Delta R.T. 0.003 min
Lab File: VU063427.D
Acq: 23 Jun 2025 14:36

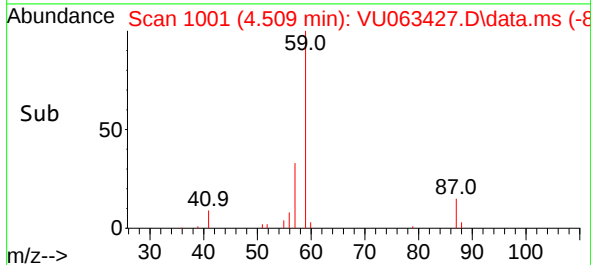
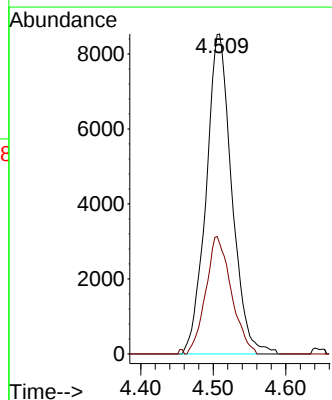
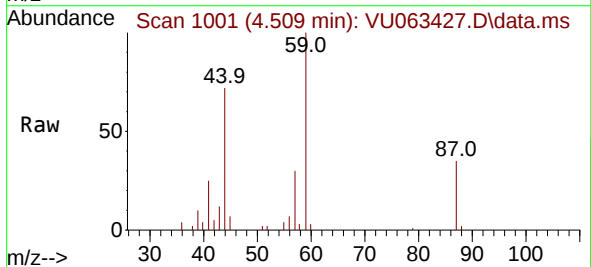
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Tgt Ion: 45 Resp: 25406
Ion Ratio Lower Upper
45 100
43 48.2 23.8 71.5



#32
Ethyl-t-butyl ether
Concen: 0.517 ug/l
RT: 4.509 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VU063427.D
Acq: 23 Jun 2025 14:36

Tgt Ion: 59 Resp: 20953
Ion Ratio Lower Upper
59 100
87 36.5 29.9 44.9

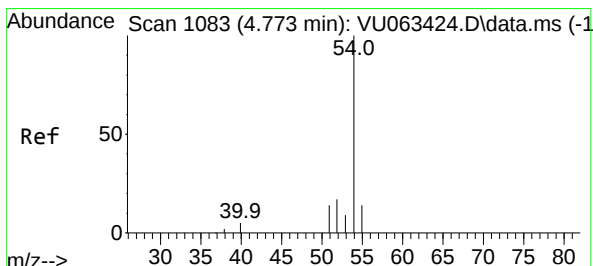
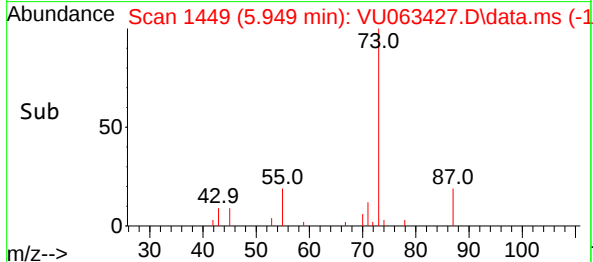
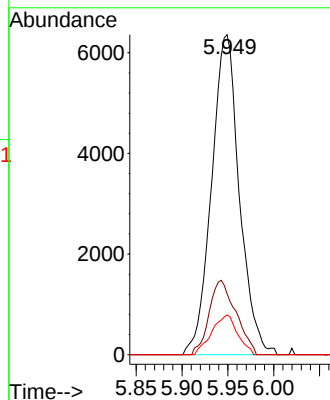
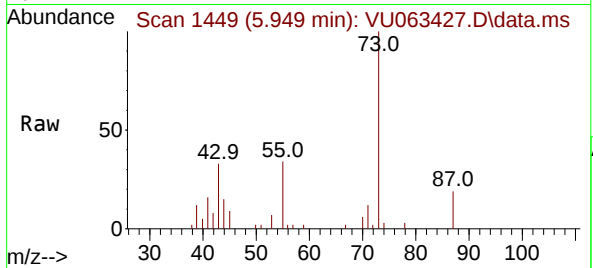




#33
Tert-Amyl methyl ether
Concen: 0.463 ug/l
RT: 5.949 min Scan# 1449
Delta R.T. 0.006 min
Lab File: VU063427.D
Acq: 23 Jun 2025 14:36

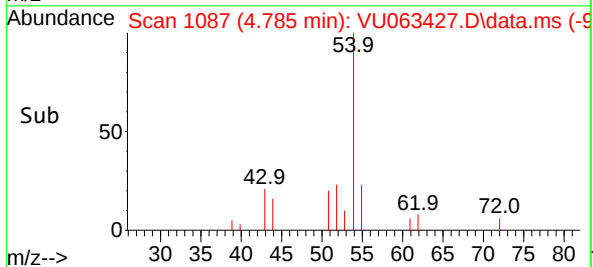
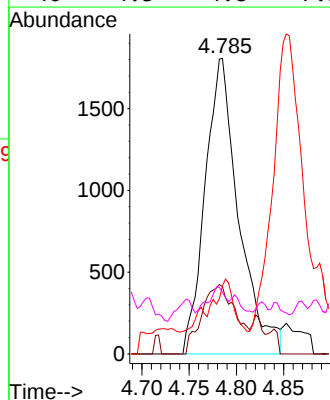
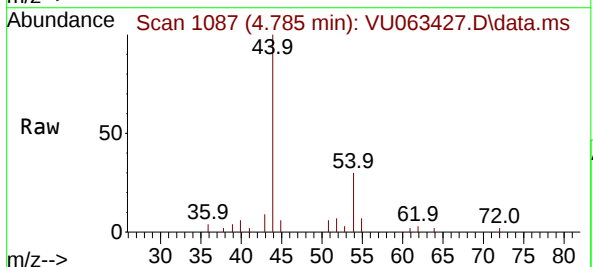
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

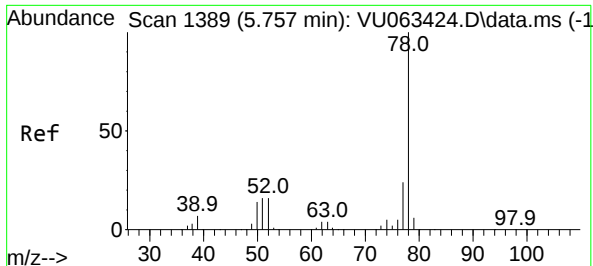
Tgt Ion: 73	Resp:	13421	
Ion	Ratio	Lower	Upper
73	100		
87	22.3	18.1	27.1
71	11.5	10.0	15.0



#34
Propionitrile
Concen: 2.953 ug/l
RT: 4.785 min Scan# 1087
Delta R.T. 0.013 min
Lab File: VU063427.D
Acq: 23 Jun 2025 14:36

Tgt Ion: 54	Resp: 4468
Ion Ratio	Lower Upper
54 100	
52 24.1	14.8 22.2#
55 10.2	12.2 18.2#
40 4.3	4.8 7.2#

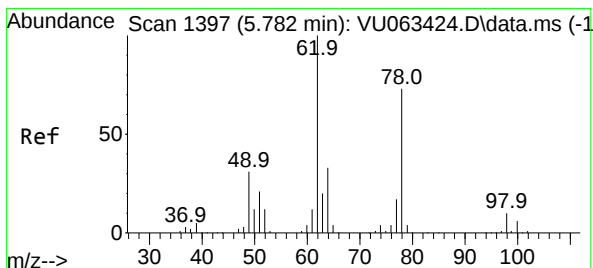
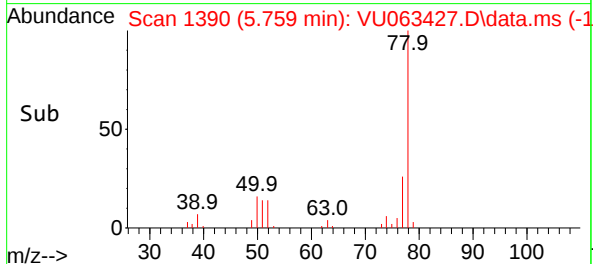
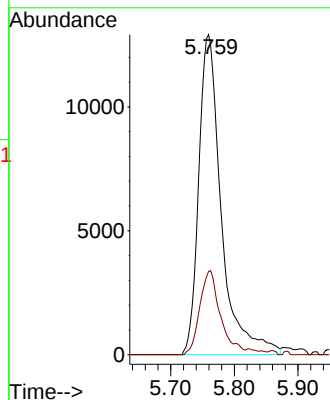
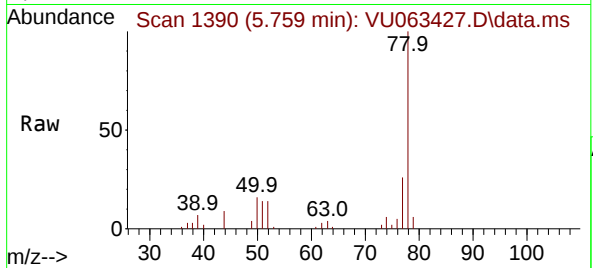




#35
Benzene
Concen: 0.495 ug/l
RT: 5.759 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU063427.D
Acq: 23 Jun 2025 14:36

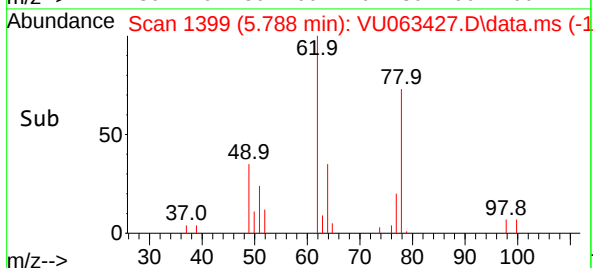
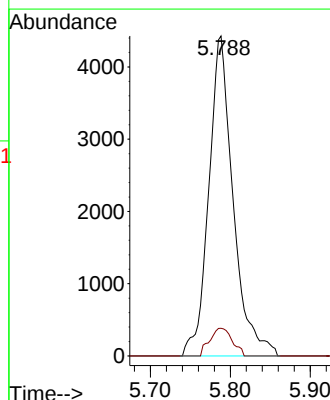
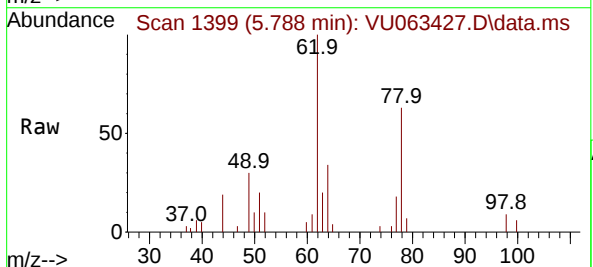
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

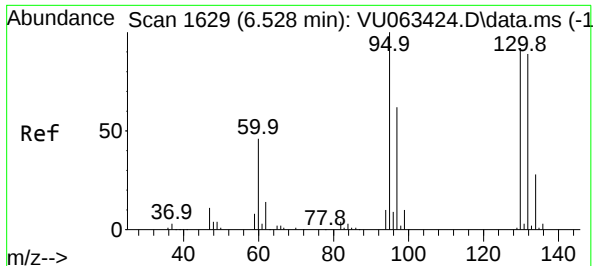
Tgt Ion: 78 Resp: 31874
Ion Ratio Lower Upper
78 100
77 26.0 19.4 29.2



#36
1,2-Dichloroethane
Concen: 0.498 ug/l
RT: 5.788 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VU063427.D
Acq: 23 Jun 2025 14:36

Tgt Ion: 62 Resp: 9372
Ion Ratio Lower Upper
62 100
98 8.0 7.1 10.7





#37

Trichloroethene

Concen: 0.472 ug/l

RT: 6.531 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063427.D

Acq: 23 Jun 2025 14:36

Instrument :

MSVOA_U

ClientSampleId :

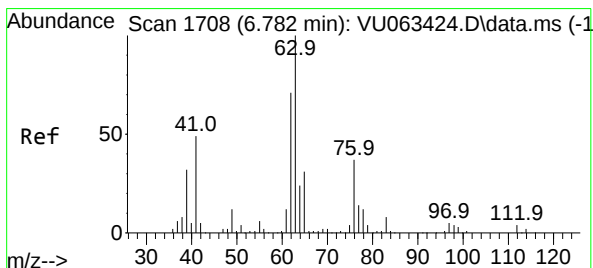
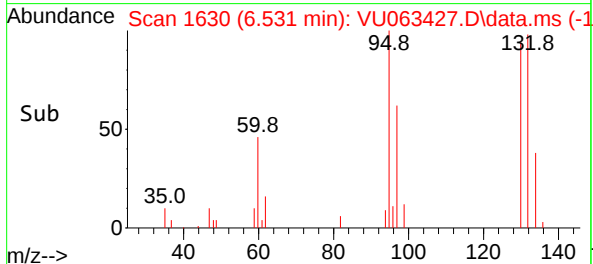
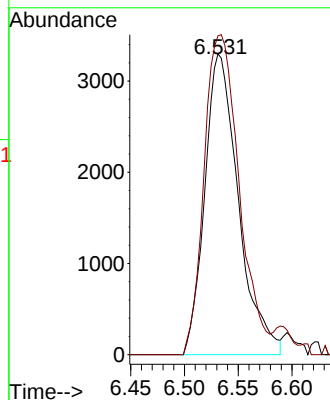
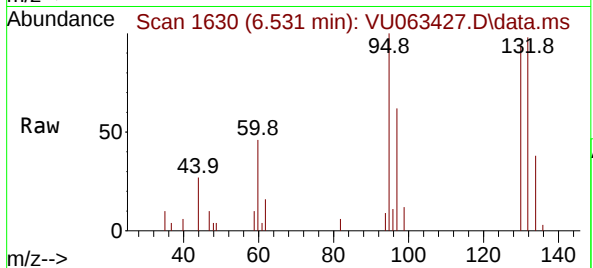
VSTDIC0.5

Tgt Ion:130 Resp: 7179

Ion Ratio Lower Upper

130 100

95 106.0 87.2 130.8



#38

1,2-Dichloropropane

Concen: 0.458 ug/l

RT: 6.785 min Scan# 1709

Delta R.T. 0.003 min

Lab File: VU063427.D

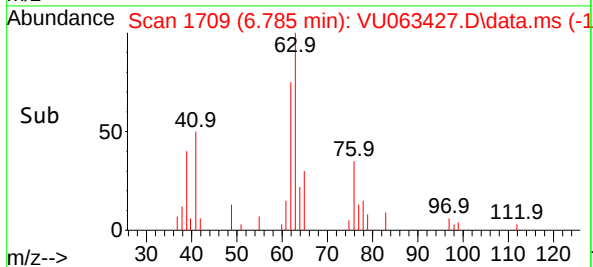
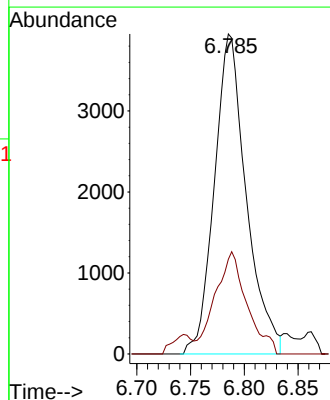
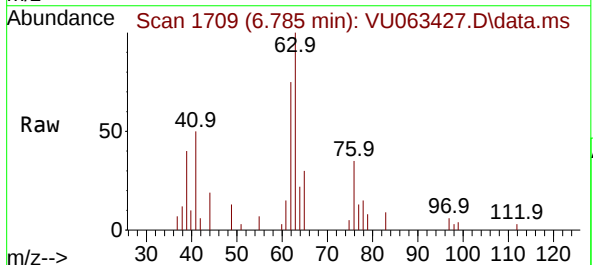
Acq: 23 Jun 2025 14:36

Tgt Ion: 63 Resp: 8136

Ion Ratio Lower Upper

63 100

65 29.6 25.0 37.6





#39

Methacrylonitrile

Concen: 0.631 ug/l

RT: 4.981 min Scan# 1148

Delta R.T. 0.012 min

Lab File: VU063427.D

Acq: 23 Jun 2025 14:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

Tgt Ion: 41 Resp: 3976

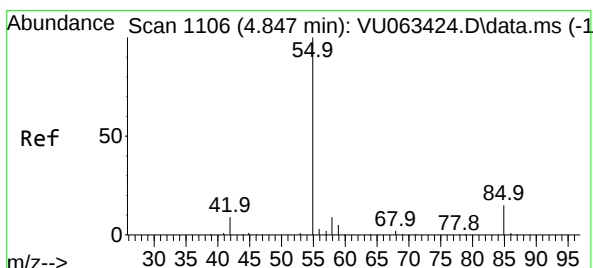
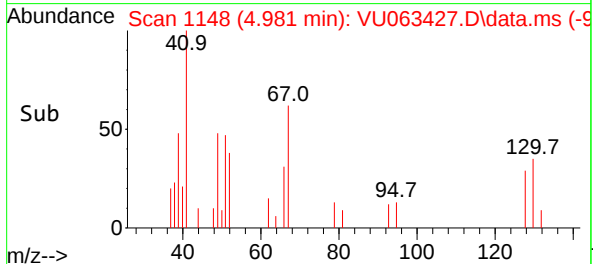
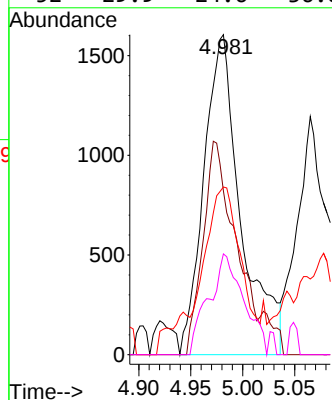
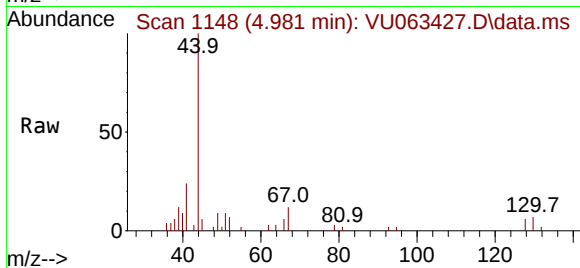
Ion Ratio Lower Upper

41 100

67 57.8 59.8 89.8#

39 41.3 40.7 61.1

52 29.9 24.6 36.8



#40

Methyl acrylate

Concen: 0.515 ug/l

RT: 4.853 min Scan# 1108

Delta R.T. 0.006 min

Lab File: VU063427.D

Acq: 23 Jun 2025 14:36

Tgt Ion: 55 Resp: 4562

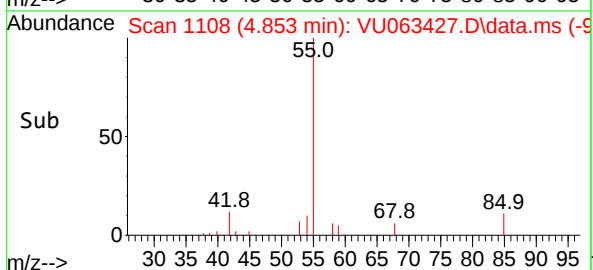
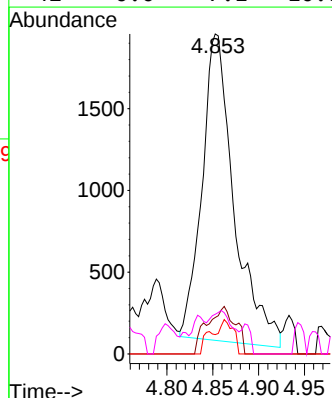
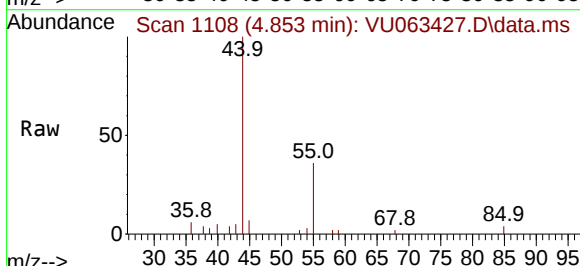
Ion Ratio Lower Upper

55 100

85 0.0 12.6 19.0#

58 2.6 6.9 10.3#

42 0.0 7.1 10.7#





#41

Tetrahydrofuran

Concen: 1.281 ug/l

RT: 5.065 min Scan# 1172

Delta R.T. 0.006 min

Lab File: VU063427.D

Acq: 23 Jun 2025 14:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

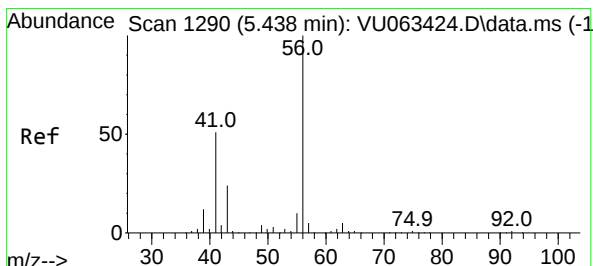
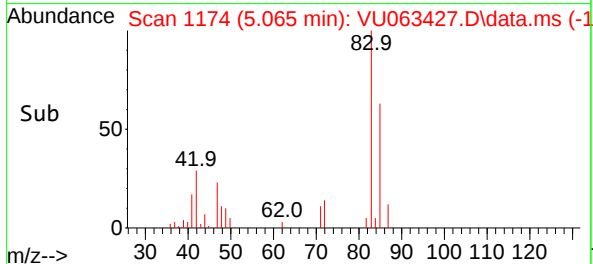
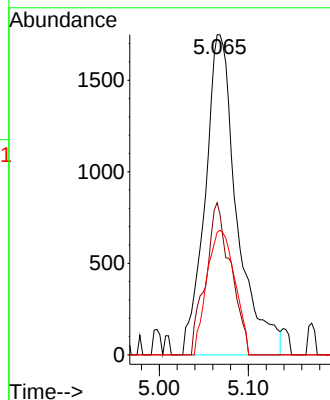
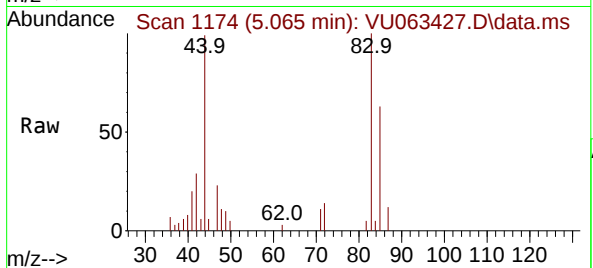
Tgt Ion: 42 Resp: 4338

Ion Ratio Lower Upper

42 100

72 37.5 35.4 53.2

71 34.2 31.4 47.0



#42

1-Chlorobutane

Concen: 0.437 ug/l

RT: 5.441 min Scan# 1291

Delta R.T. 0.003 min

Lab File: VU063427.D

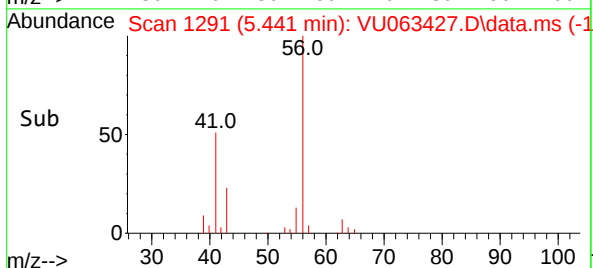
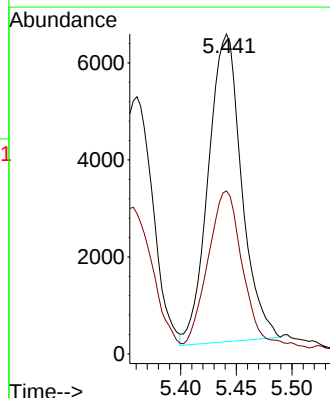
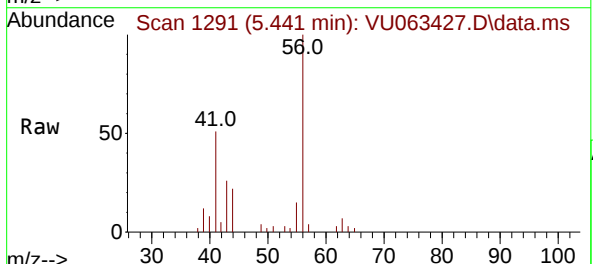
Acq: 23 Jun 2025 14:36

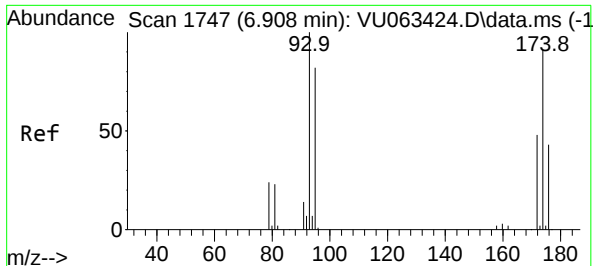
Tgt Ion: 56 Resp: 13189

Ion Ratio Lower Upper

56 100

41 55.7 26.4 79.0

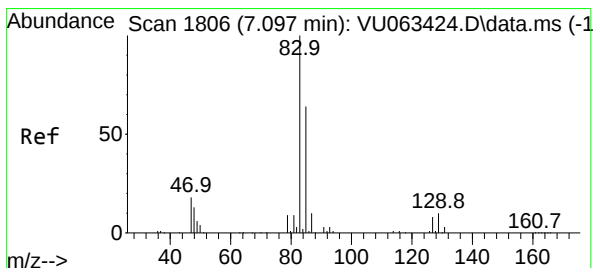
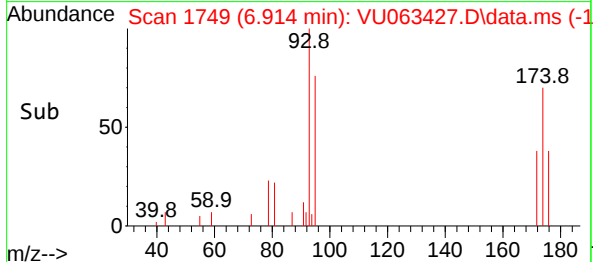
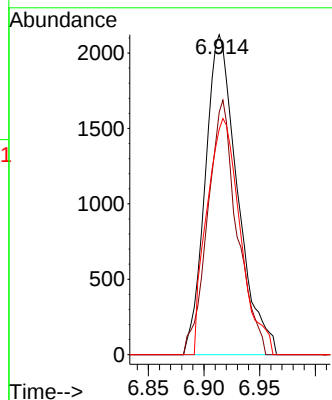
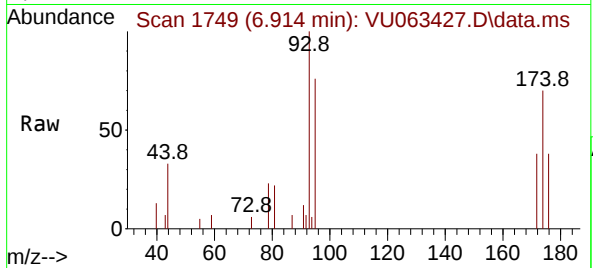




#43
Dibromomethane
Concen: 0.516 ug/l
RT: 6.914 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VU063427.D
Acq: 23 Jun 2025 14:36

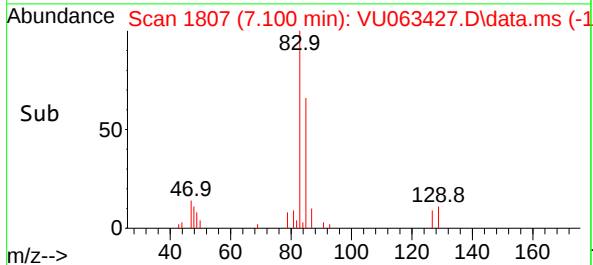
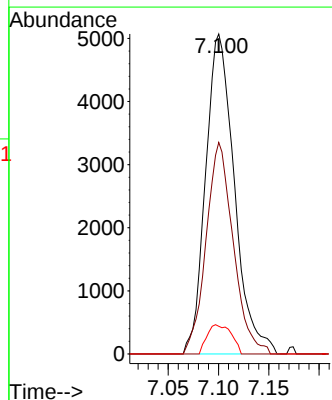
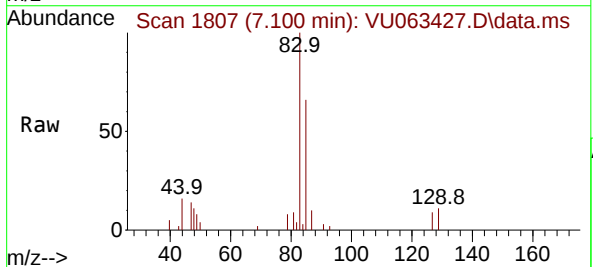
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

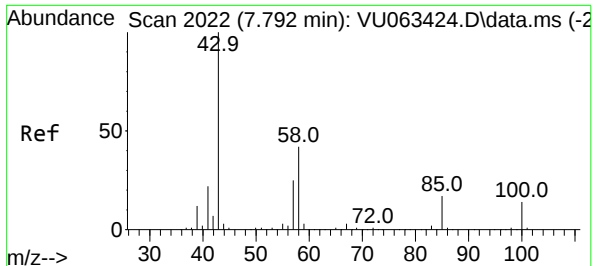
Tgt Ion: 93 Resp: 4286
Ion Ratio Lower Upper
93 100
95 72.4 66.7 100.1
174 76.1 71.1 106.7



#44
Bromodichloromethane
Concen: 0.499 ug/l
RT: 7.100 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VU063427.D
Acq: 23 Jun 2025 14:36

Tgt Ion: 83 Resp: 10088
Ion Ratio Lower Upper
83 100
85 66.1 51.4 77.2
127 8.6 6.6 10.0





#45

4-Methyl-2-Pentanone

Concen: 2.187 ug/l

RT: 7.804 min Scan# 2022

Delta R.T. 0.013 min

Lab File: VU063427.D

Acq: 23 Jun 2025 14:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

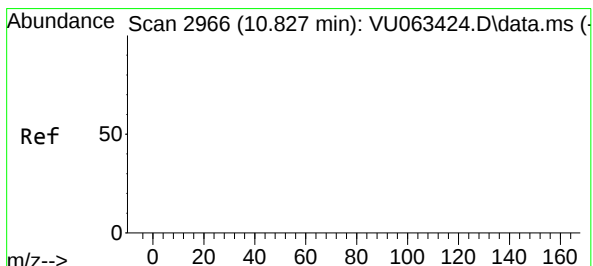
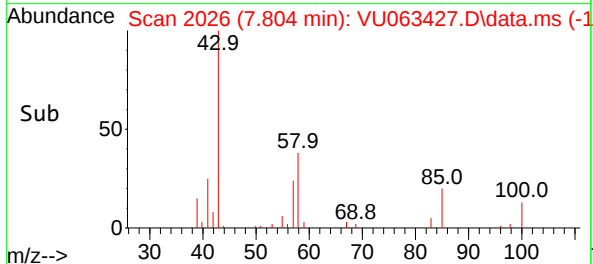
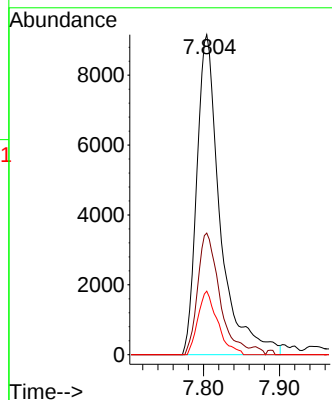
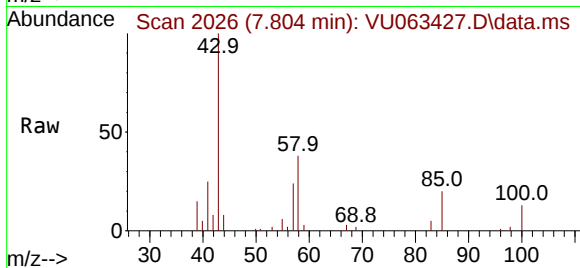
Tgt Ion: 43 Resp: 19505

Ion Ratio Lower Upper

43 100

58 35.6 20.5 61.6

85 16.8 14.2 21.2



#46

t-1,4-Dichloro-2-butene

Concen: 2.799 ug/l

RT: 10.817 min Scan# 2963

Delta R.T. -0.010 min

Lab File: VU063427.D

Acq: 23 Jun 2025 14:36

Tgt Ion: 75 Resp: 7967

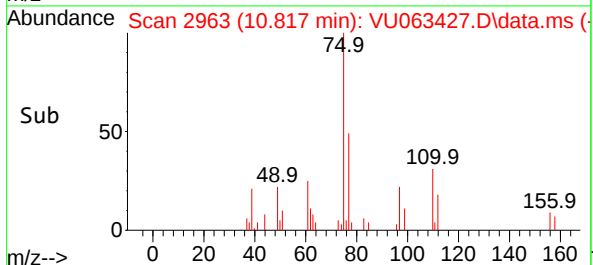
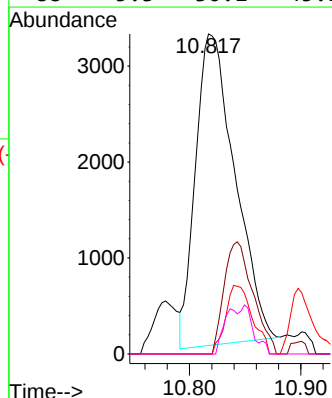
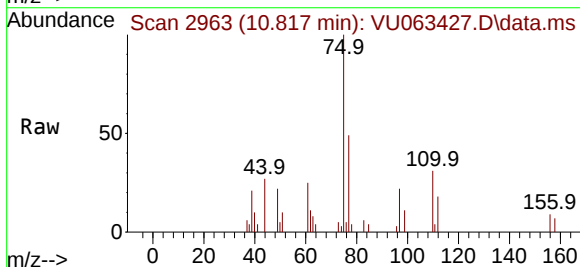
Ion Ratio Lower Upper

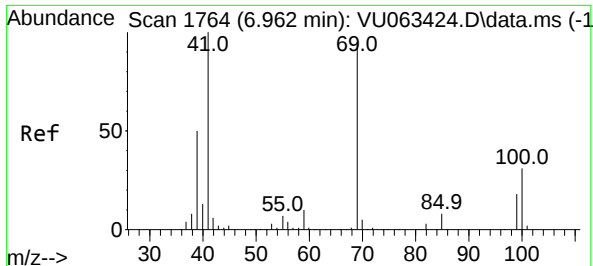
75 100

53 26.3 61.4 92.2#

89 14.9 39.2 58.8#

88 5.3 30.1 45.1#





#47

Methyl methacrylate

Concen: 1.504 ug/l

RT: 6.978 min Scan# 1

Delta R.T. 0.016 min

Lab File: VU063427.D

Acq: 23 Jun 2025 14:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

Tgt Ion: 69 Resp: 4895

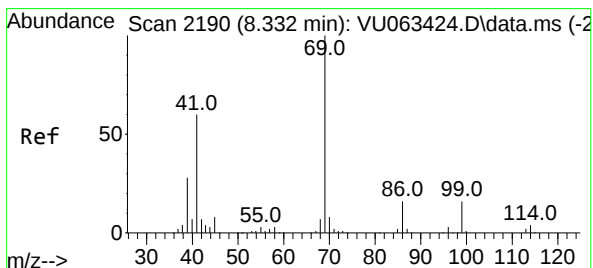
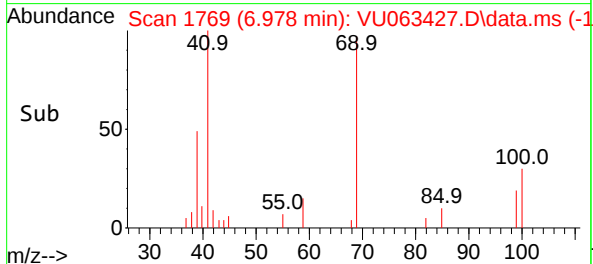
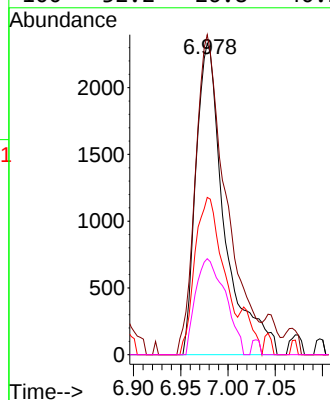
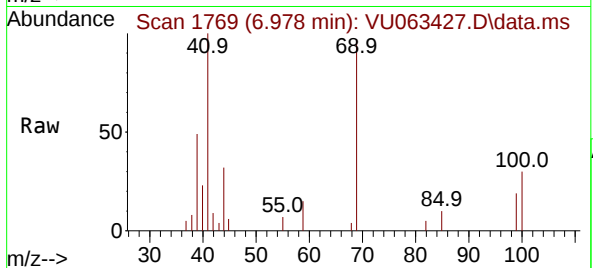
Ion Ratio Lower Upper

69 100

41 111.4 0.0 212.6

39 50.3 40.6 61.0

100 32.2 26.8 40.2



#48

Ethyl methacrylate

Concen: 0.650 ug/l

RT: 8.341 min Scan# 2193

Delta R.T. 0.009 min

Lab File: VU063427.D

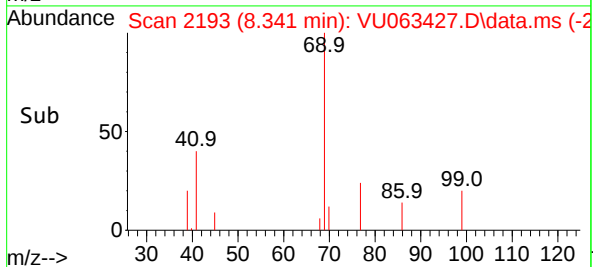
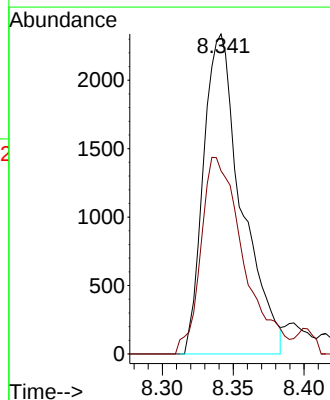
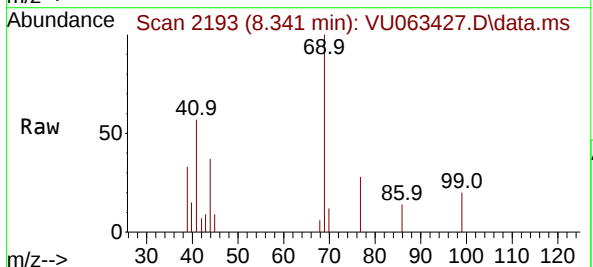
Acq: 23 Jun 2025 14:36

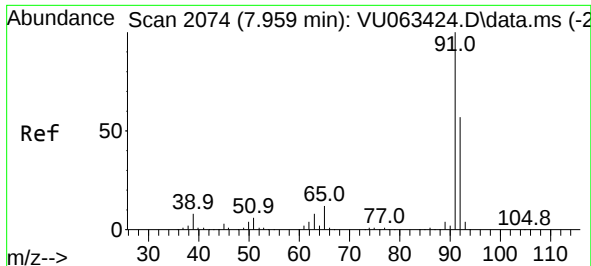
Tgt Ion: 69 Resp: 4371

Ion Ratio Lower Upper

69 100

41 68.7 30.6 92.0





#49

Toluene

Concen: 0.411 ug/l

RT: 7.962 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU063427.D

Acq: 23 Jun 2025 14:36

Instrument :

MSVOA_U

ClientSampleId :

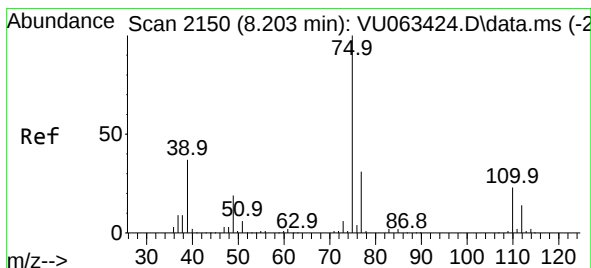
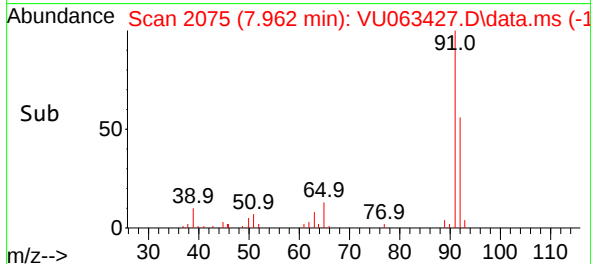
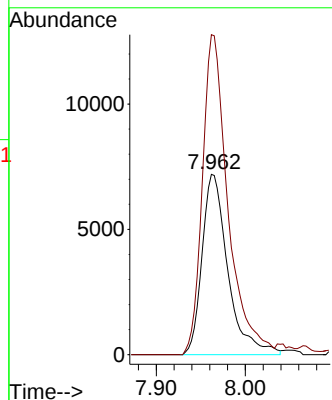
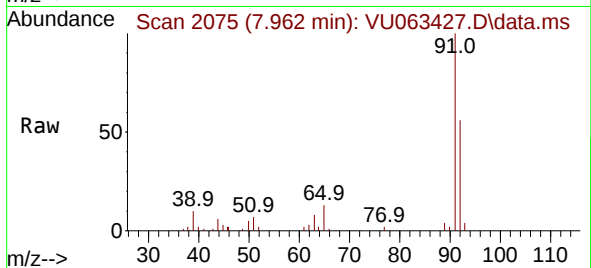
VSTDIC0.5

Tgt Ion: 92 Resp: 14519

Ion Ratio Lower Upper

92 100

91 175.3 142.0 213.0



#50

t-1,3-Dichloropropene

Concen: 0.412 ug/l

RT: 8.209 min Scan# 2152

Delta R.T. 0.006 min

Lab File: VU063427.D

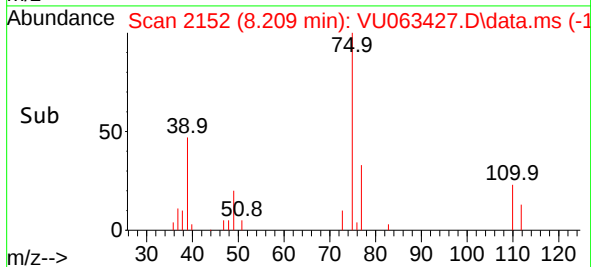
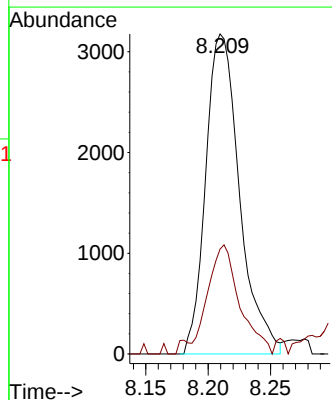
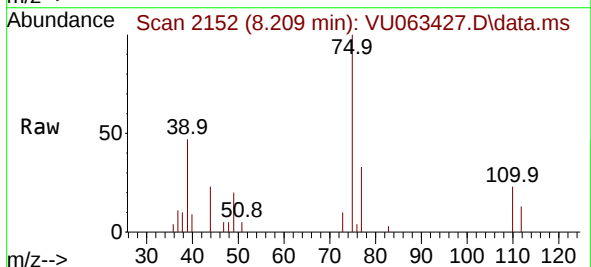
Acq: 23 Jun 2025 14:36

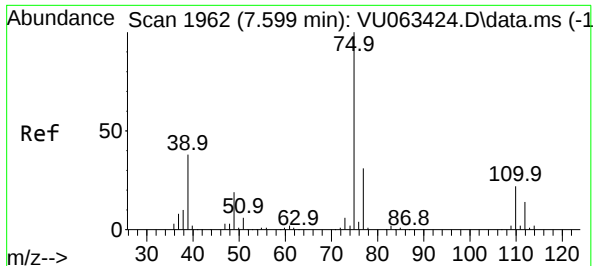
Tgt Ion: 75 Resp: 6008

Ion Ratio Lower Upper

75 100

77 28.6 24.5 36.7

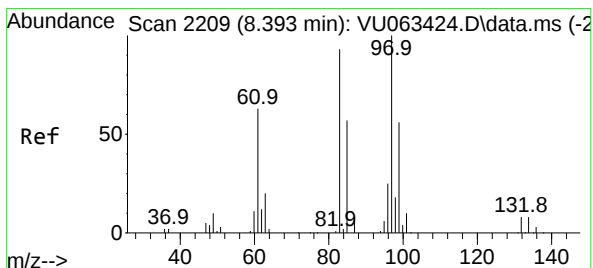
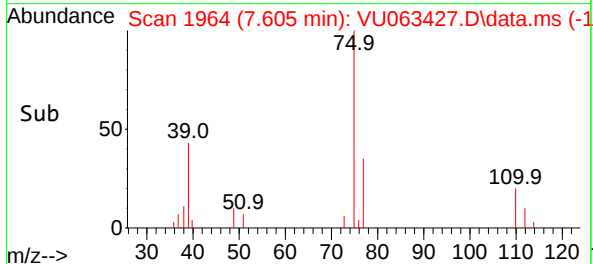
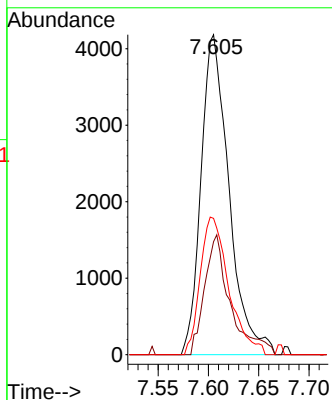
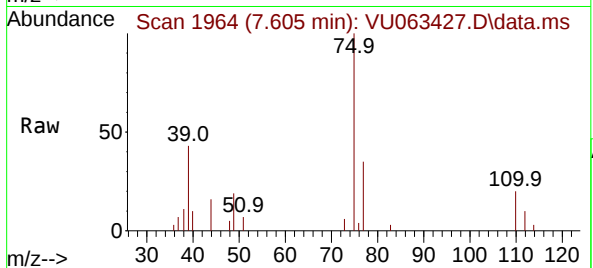




#51
 cis-1,3-Dichloropropene
 Concen: 0.413 ug/l
 RT: 7.605 min Scan# 1964
 Delta R.T. 0.006 min
 Lab File: VU063427.D
 Acq: 23 Jun 2025 14:36

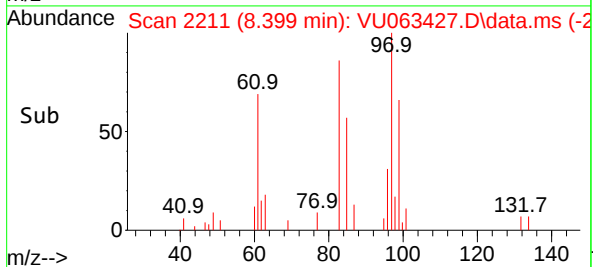
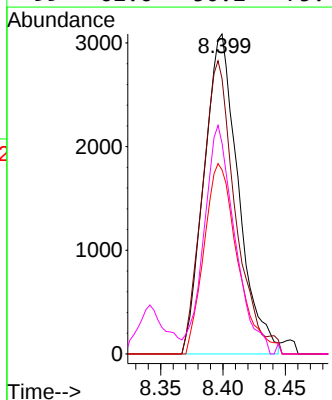
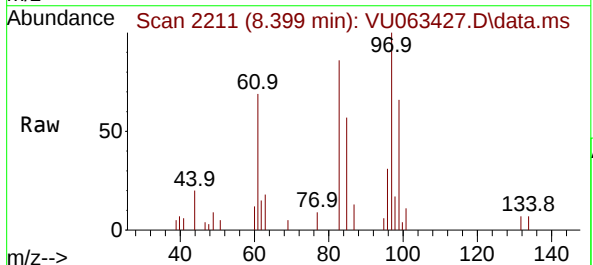
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

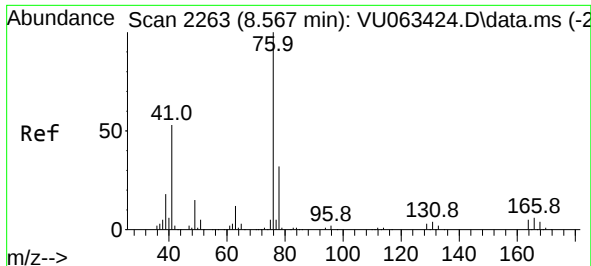
Tgt Ion: 75 Resp: 8088
 Ion Ratio Lower Upper
 75 100
 77 35.3 24.8 37.2
 39 42.6 30.7 46.1



#52
 1,1,2-Trichloroethane
 Concen: 0.485 ug/l
 RT: 8.399 min Scan# 2211
 Delta R.T. 0.006 min
 Lab File: VU063427.D
 Acq: 23 Jun 2025 14:36

Tgt Ion: 97 Resp: 5889
 Ion Ratio Lower Upper
 97 100
 83 86.1 74.1 111.1
 85 57.5 45.8 68.8
 99 62.6 50.2 75.4





#53

1,3-Dichloropropane

Concen: 0.491 ug/l

RT: 8.573 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU063427.D

Acq: 23 Jun 2025 14:36

Instrument :

MSVOA_U

ClientSampleId :

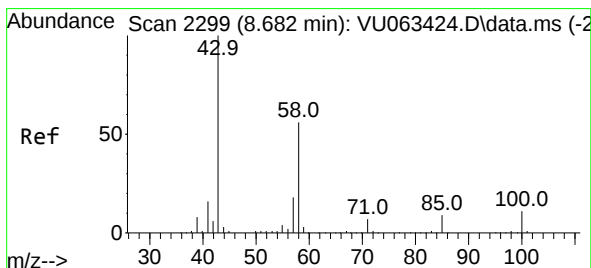
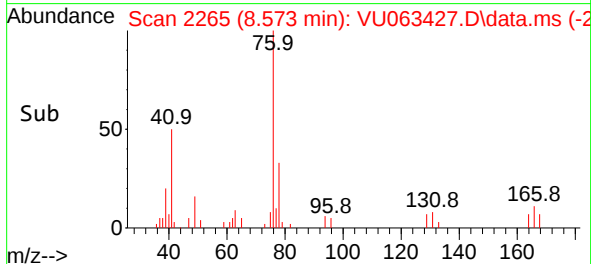
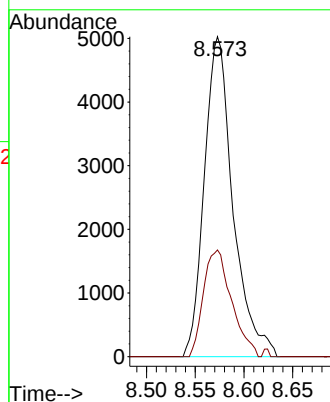
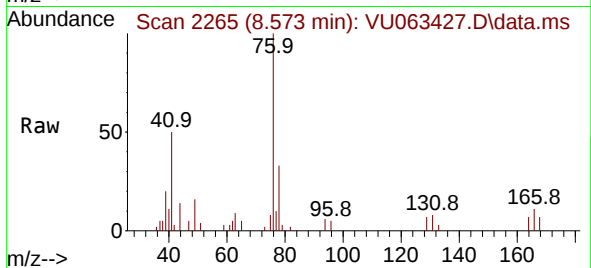
VSTDIC0.5

Tgt Ion: 76 Resp: 10262

Ion Ratio Lower Upper

76 100

78 32.8 25.7 38.5



#54

2-Hexanone

Concen: 3.353 ug/l

RT: 8.698 min Scan# 2304

Delta R.T. 0.016 min

Lab File: VU063427.D

Acq: 23 Jun 2025 14:36

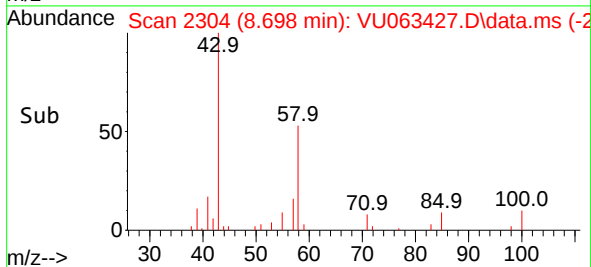
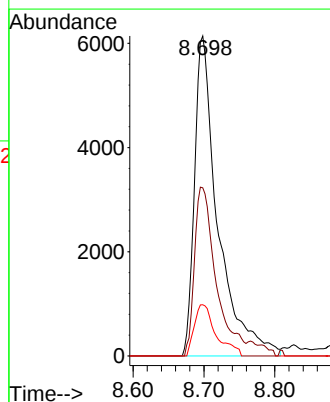
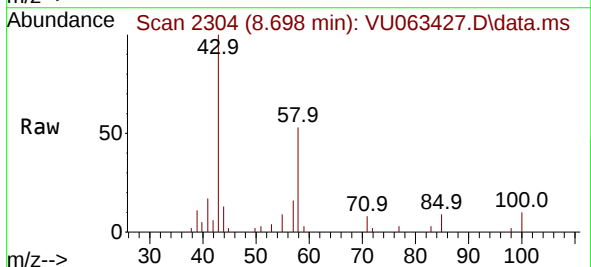
Tgt Ion: 43 Resp: 14049

Ion Ratio Lower Upper

43 100

58 48.6 36.9 76.9

57 14.8 0.0 38.8

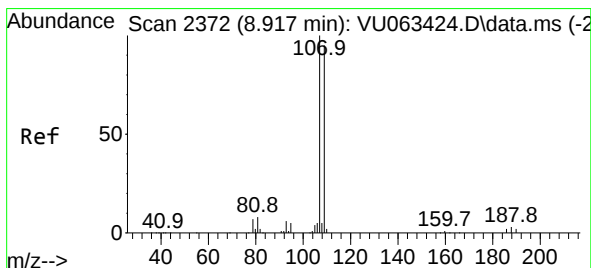
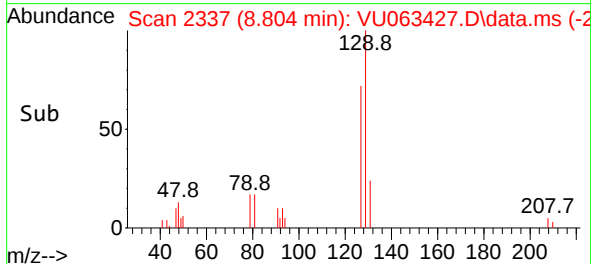
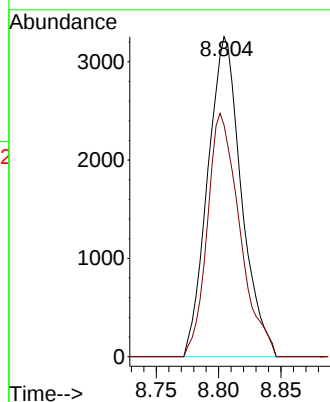
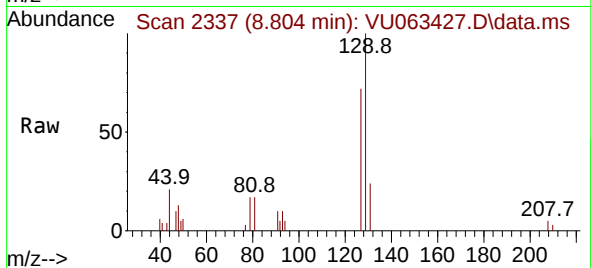




#55
Dibromochloromethane
Concen: 0.488 ug/l
RT: 8.804 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063427.D
Acq: 23 Jun 2025 14:36

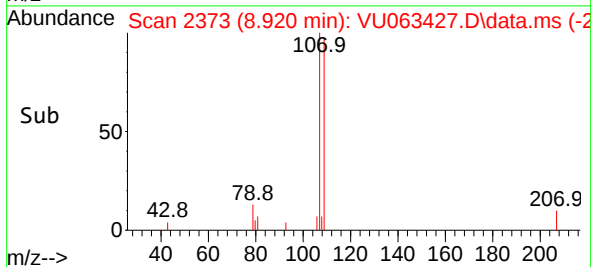
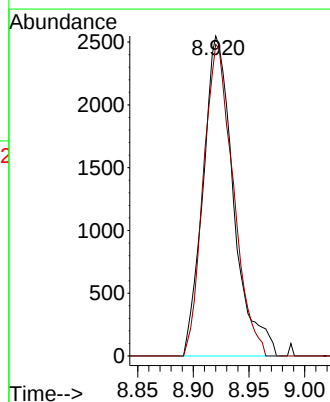
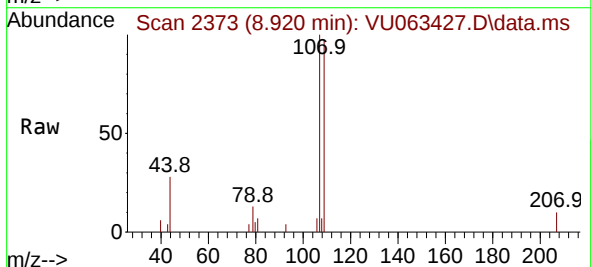
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

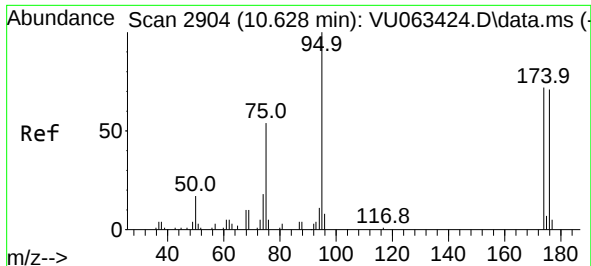
Tgt Ion:129 Resp: 6116
Ion Ratio Lower Upper
129 100
127 73.3 62.6 93.8



#56
1,2-Dibromoethane
Concen: 0.491 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.003 min
Lab File: VU063427.D
Acq: 23 Jun 2025 14:36

Tgt Ion:107 Resp: 4832
Ion Ratio Lower Upper
107 100
109 95.5 0.0 188.0

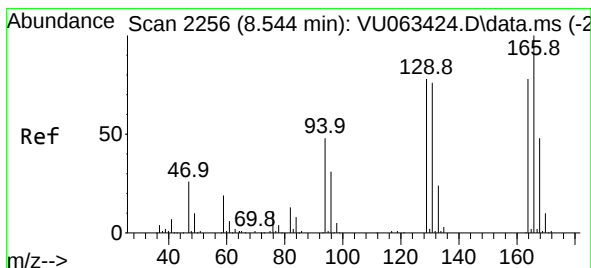
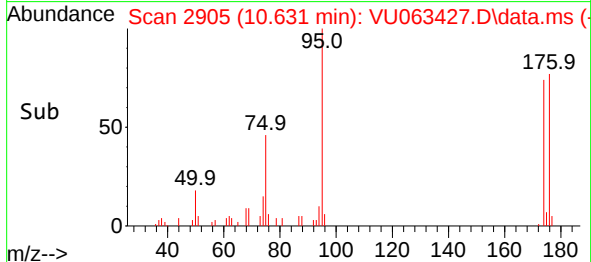
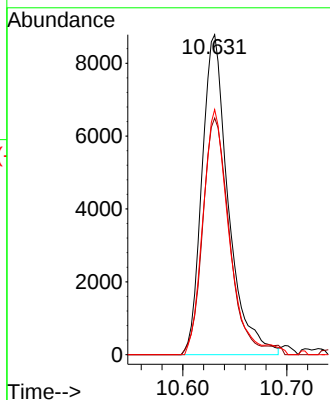
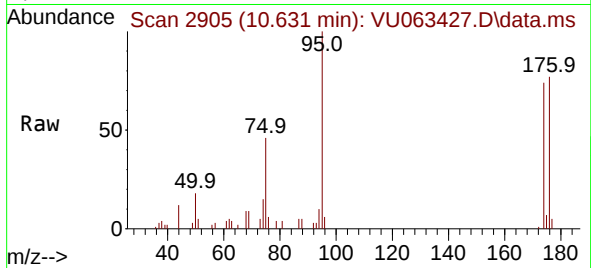




#57
4-Bromofluorobenzene
Concen: 0.853 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. 0.003 min
Lab File: VU063427.D
Acq: 23 Jun 2025 14:36

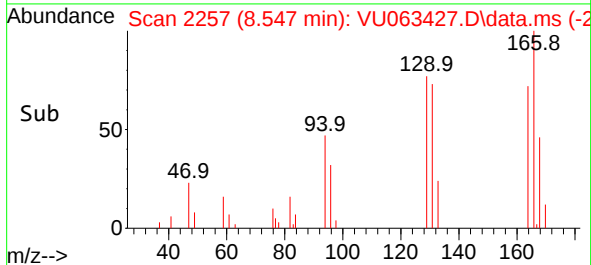
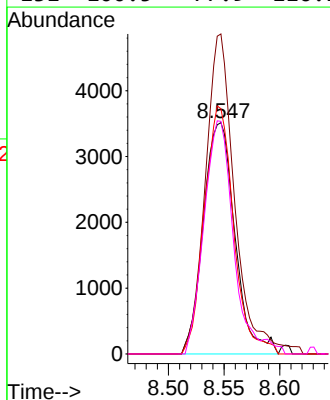
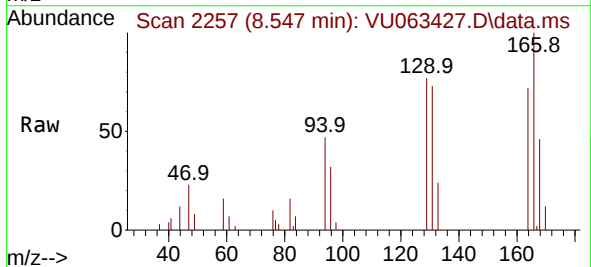
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

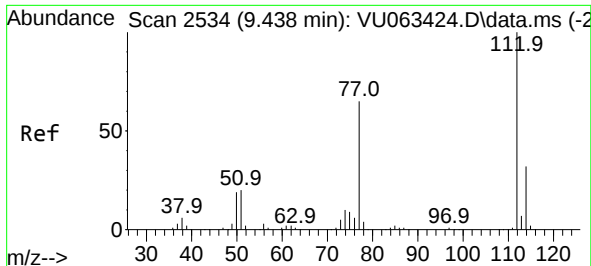
Tgt Ion: 95 Resp: 15467
Ion Ratio Lower Upper
95 100
174 74.1 59.4 89.2
176 74.8 57.8 86.6



#58
Tetrachloroethene
Concen: 0.463 ug/l
RT: 8.547 min Scan# 2257
Delta R.T. 0.003 min
Lab File: VU063427.D
Acq: 23 Jun 2025 14:36

Tgt Ion: 164 Resp: 6912
Ion Ratio Lower Upper
164 100
166 138.3 102.8 154.2
129 106.0 80.2 120.2
131 100.5 77.9 116.9





#59

Chlorobenzene

Concen: 0.450 ug/l

RT: 9.444 min Scan# 2536

Delta R.T. 0.006 min

Lab File: VU063427.D

Acq: 23 Jun 2025 14:36

Instrument :

MSVOA_U

ClientSampleId :

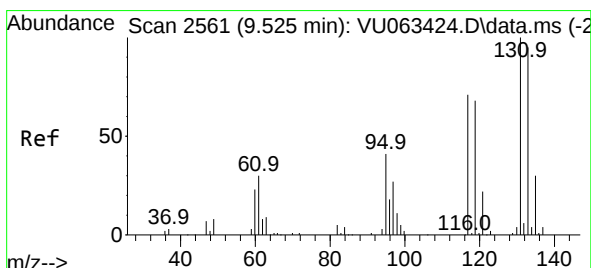
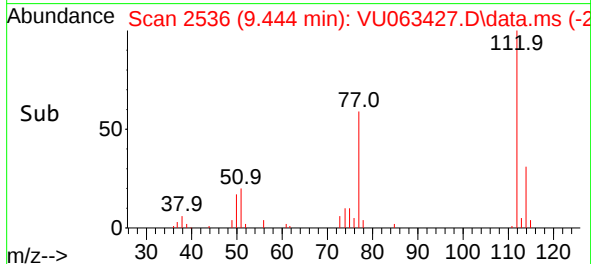
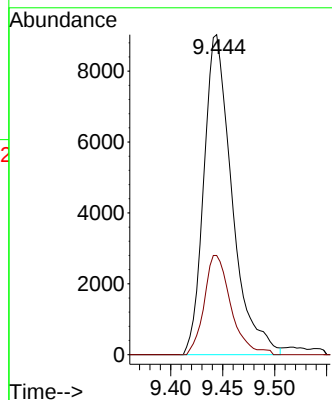
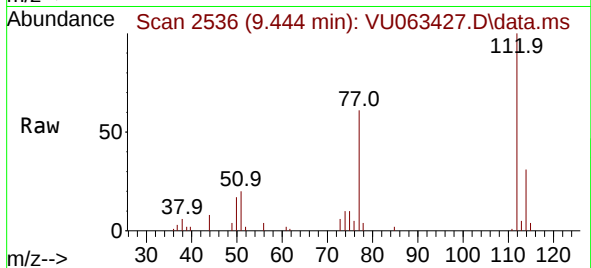
VSTDIC0.5

Tgt Ion:112 Resp: 17027

Ion Ratio Lower Upper

112 100

114 31.0 25.7 38.5



#60

1,1,1,2-Tetrachloroethane

Concen: 0.494 ug/l

RT: 9.525 min Scan# 2561

Delta R.T. -0.000 min

Lab File: VU063427.D

Acq: 23 Jun 2025 14:36

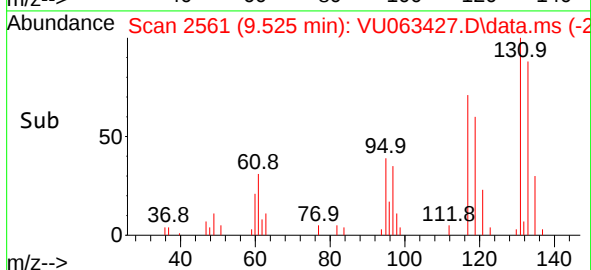
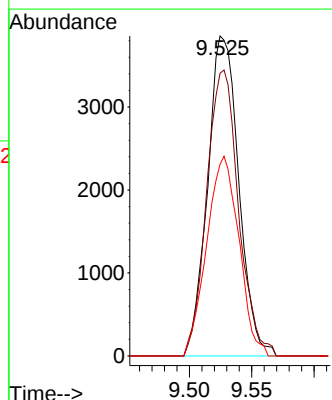
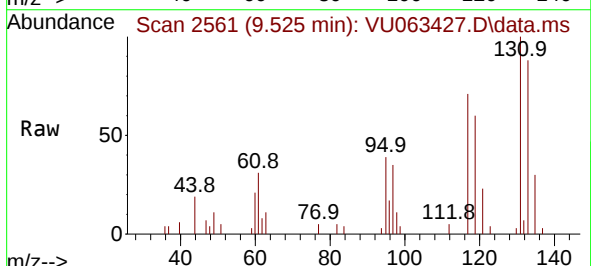
Tgt Ion:131 Resp: 6725

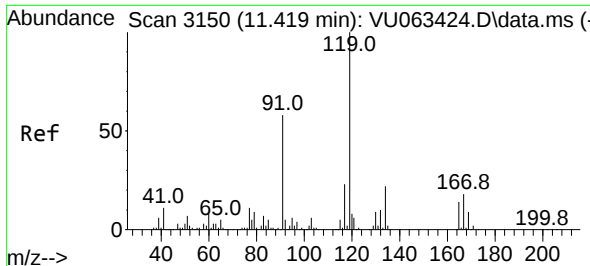
Ion Ratio Lower Upper

131 100

133 91.3 76.1 114.1

119 64.5 53.7 80.5

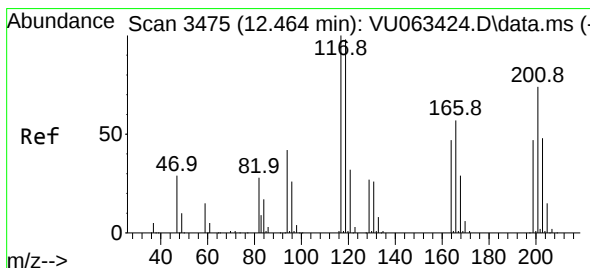
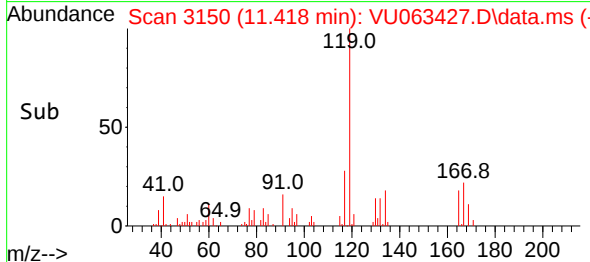
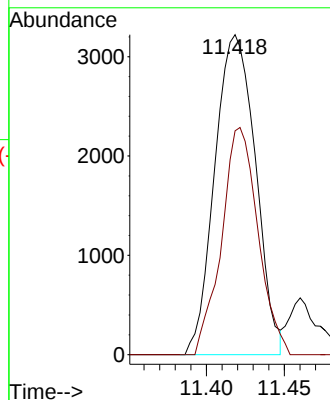
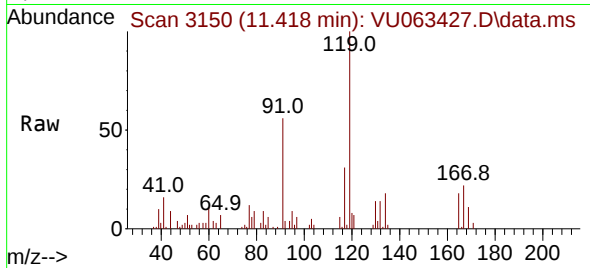




#61
 Pentachloroethane
 Concen: 0.528 ug/l
 RT: 11.418 min Scan# 3150
 Delta R.T. -0.001 min
 Lab File: VU063427.D
 Acq: 23 Jun 2025 14:36

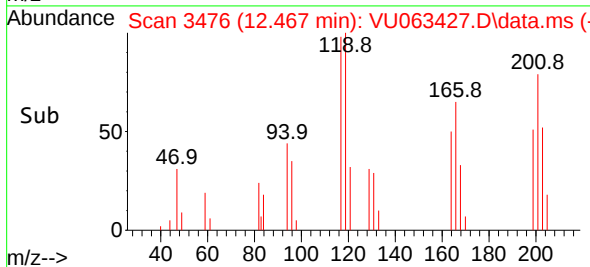
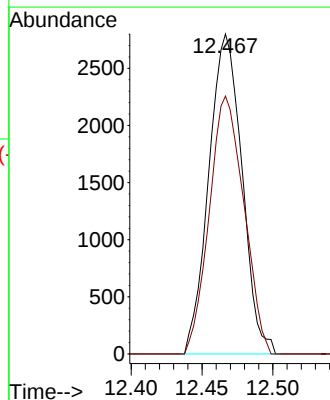
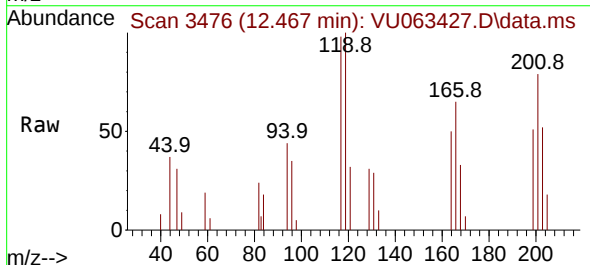
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

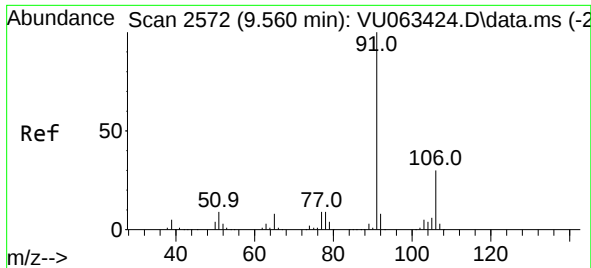
Tgt Ion:117 Resp: 5856
 Ion Ratio Lower Upper
 117 100
 167 63.4 58.1 87.1



#62
 Hexachloroethane
 Concen: 0.457 ug/l
 RT: 12.467 min Scan# 3476
 Delta R.T. 0.003 min
 Lab File: VU063427.D
 Acq: 23 Jun 2025 14:36

Tgt Ion:117 Resp: 4560
 Ion Ratio Lower Upper
 117 100
 201 84.0 60.4 90.6

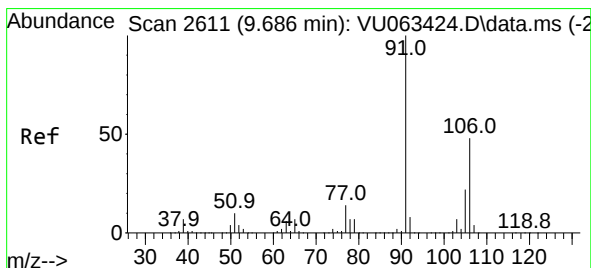
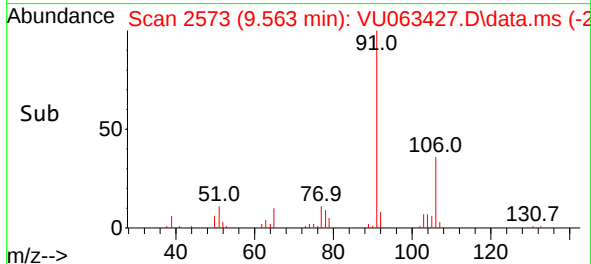
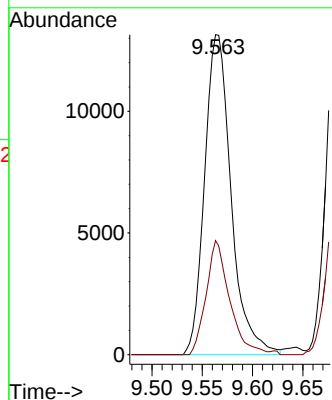
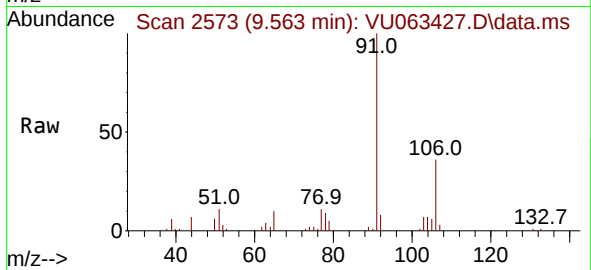




#63
Ethyl Benzene
Concen: 0.398 ug/l
RT: 9.563 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063427.D
Acq: 23 Jun 2025 14:36

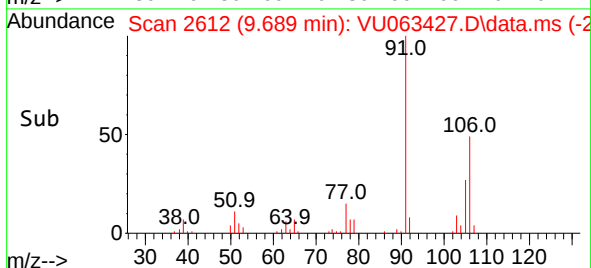
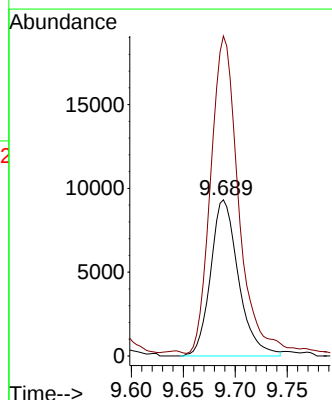
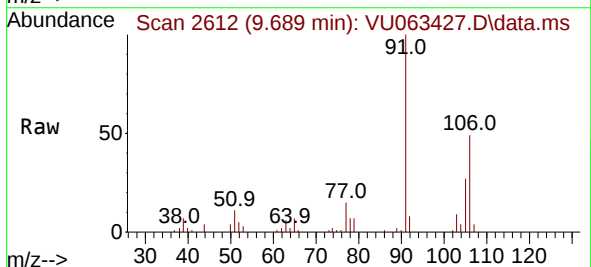
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

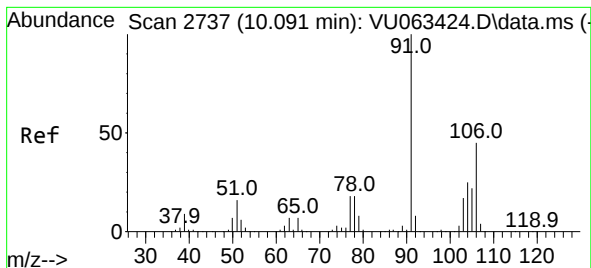
Tgt Ion: 91 Resp: 24136
Ion Ratio Lower Upper
91 100
106 35.7 24.2 36.2



#64
m/p-Xylenes
Concen: 1.369 ug/l
RT: 9.689 min Scan# 2612
Delta R.T. 0.003 min
Lab File: VU063427.D
Acq: 23 Jun 2025 14:36

Tgt Ion:106 Resp: 17362
Ion Ratio Lower Upper
106 100
91 206.5 169.9 254.9





#65

o-Xylene

Concen: 0.392 ug/l

RT: 10.097 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU063427.D

Acq: 23 Jun 2025 14:36

Instrument :

MSVOA_U

ClientSampleId :

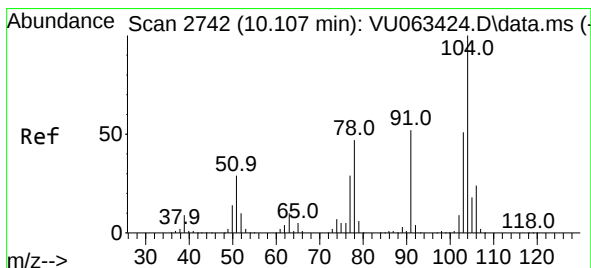
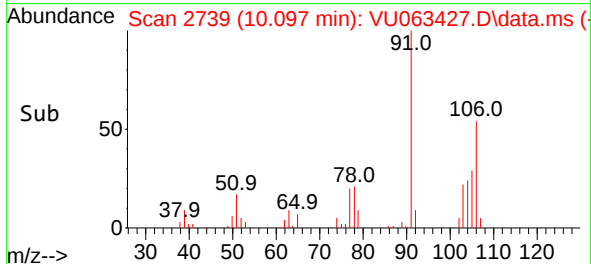
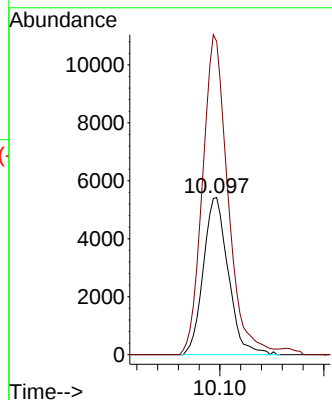
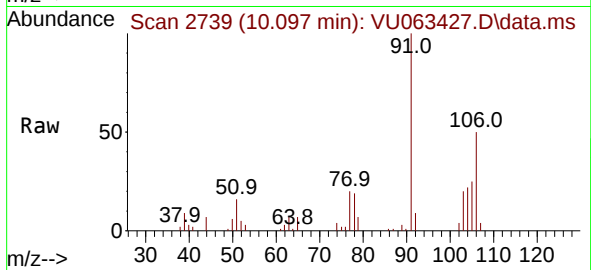
VSTDICC0.5

Tgt Ion:106 Resp: 9040

Ion Ratio Lower Upper

106 100

91 207.5 110.8 332.3



#66

Styrene

Concen: 0.695 ug/l

RT: 10.113 min Scan# 2744

Delta R.T. 0.006 min

Lab File: VU063427.D

Acq: 23 Jun 2025 14:36

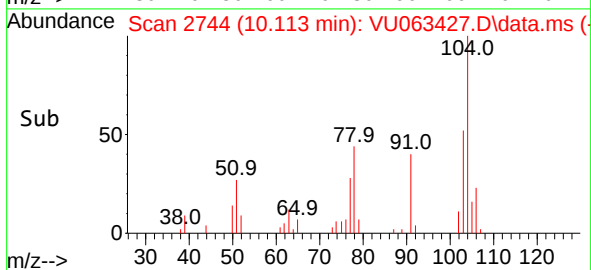
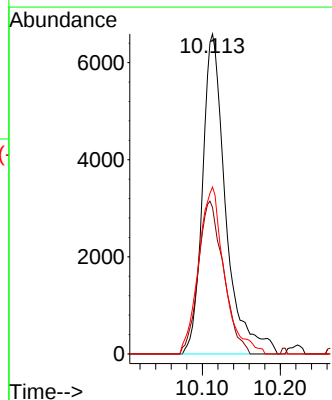
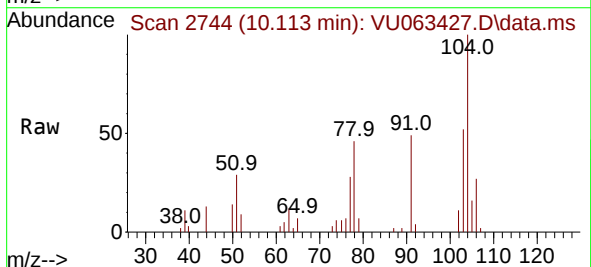
Tgt Ion:104 Resp: 13591

Ion Ratio Lower Upper

104 100

78 51.9 41.6 62.4

103 57.9 44.6 67.0





#67

Bromoform

Concen: 0.457 ug/l

RT: 10.287 min Scan# 21

Delta R.T. 0.007 min

Lab File: VU063427.D

Acq: 23 Jun 2025 14:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

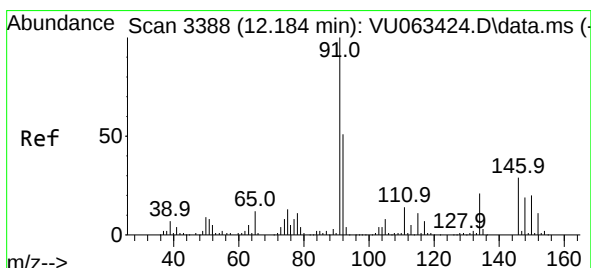
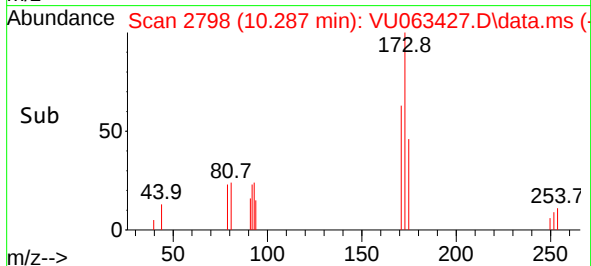
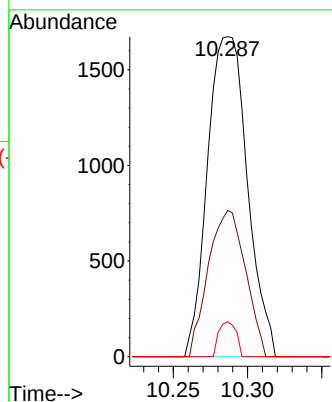
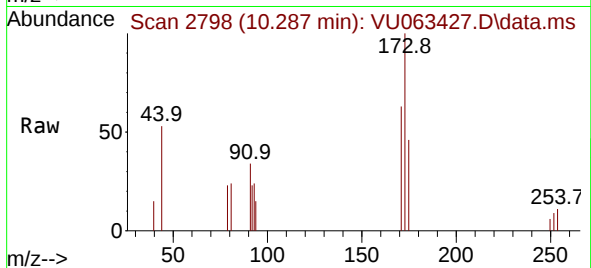
Tgt Ion:173 Resp: 3128

Ion Ratio Lower Upper

173 100

175 42.5 38.2 57.2

254 4.8 7.6 11.4#



#68

1,2-Dichlorobenzene-d4

Concen: 0.881 ug/l

RT: 12.190 min Scan# 3390

Delta R.T. 0.006 min

Lab File: VU063427.D

Acq: 23 Jun 2025 14:36

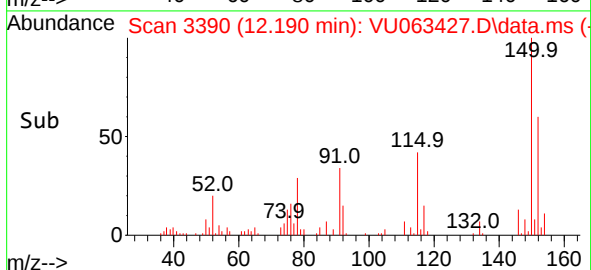
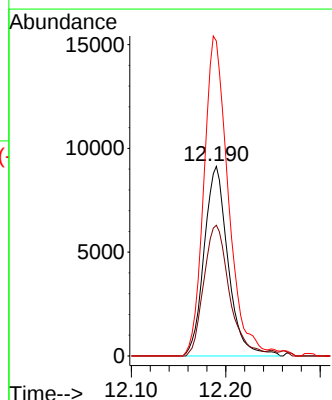
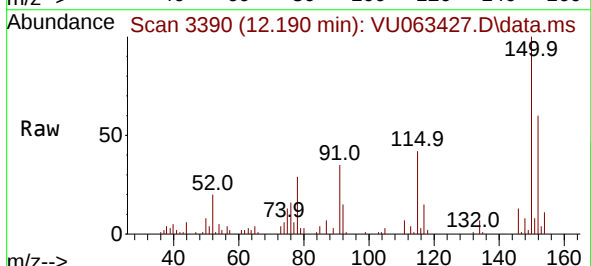
Tgt Ion:152 Resp: 16058

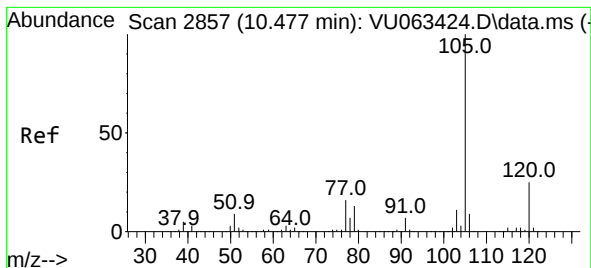
Ion Ratio Lower Upper

152 100

115 73.9 0.0 327.6

150 171.6 0.0 664.4





#69

Isopropylbenzene

Concen: 0.385 ug/l

RT: 10.479 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063427.D

Acq: 23 Jun 2025 14:36

Instrument :

MSVOA_U

ClientSampleId :

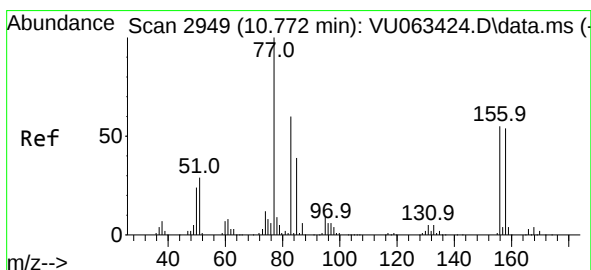
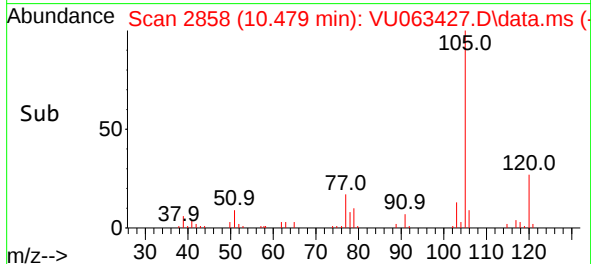
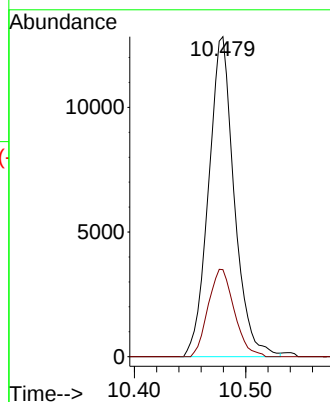
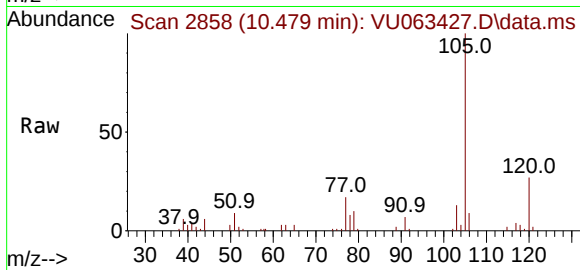
VSTDIC0.5

Tgt Ion:105 Resp: 20554

Ion Ratio Lower Upper

105 100

120 27.7 12.7 38.1



#70

1,1,2,2-Tetrachloroethane

Concen: 0.517 ug/l

RT: 10.778 min Scan# 2951

Delta R.T. 0.006 min

Lab File: VU063427.D

Acq: 23 Jun 2025 14:36

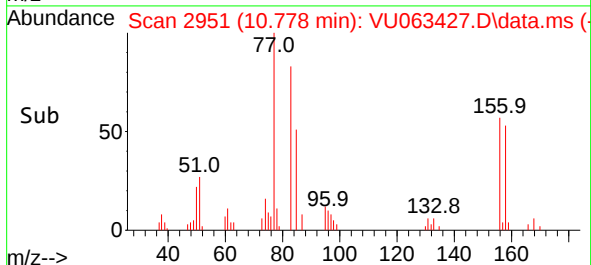
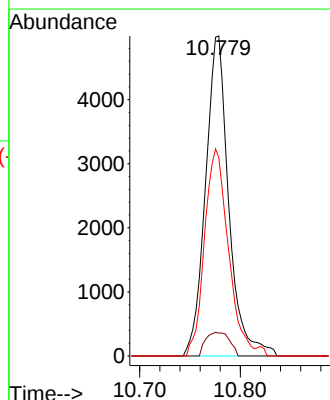
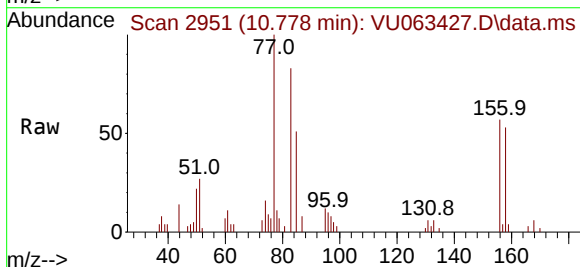
Tgt Ion: 83 Resp: 8029

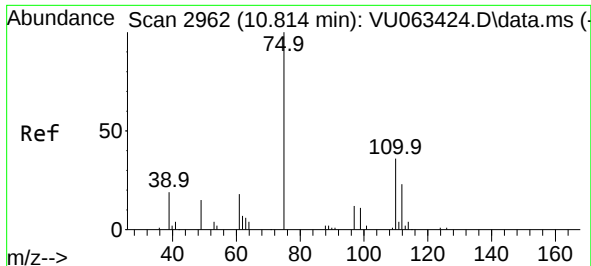
Ion Ratio Lower Upper

83 100

131 7.5 7.4 11.0

85 66.2 51.3 76.9

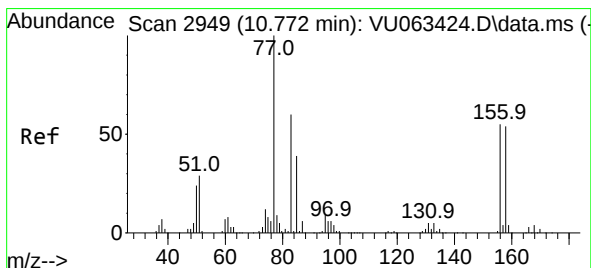
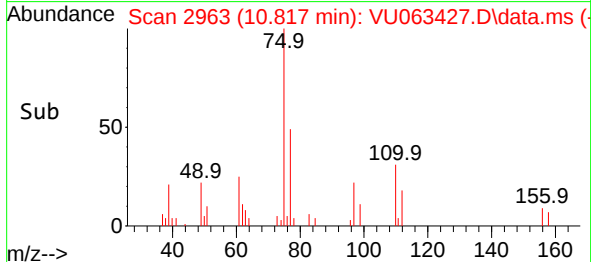
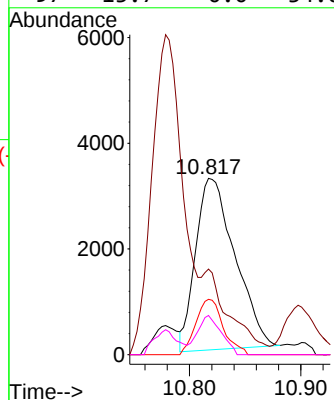
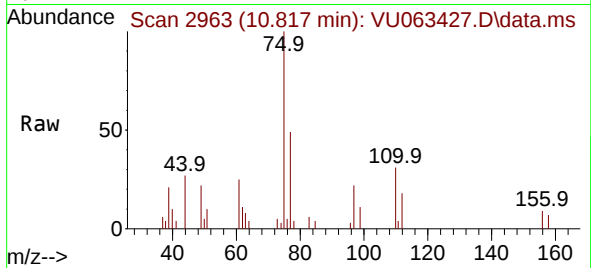




#71
1,2,3-Trichloropropane
Concen: 0.616 ug/l
RT: 10.817 min Scan# 2963
Delta R.T. 0.003 min
Lab File: VU063427.D
Acq: 23 Jun 2025 14:36

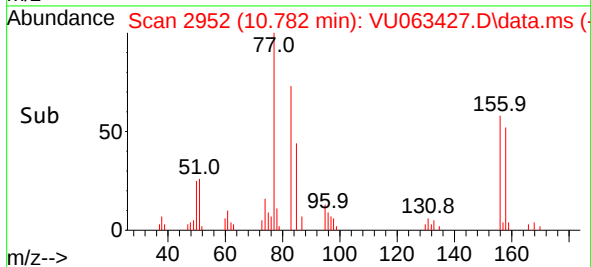
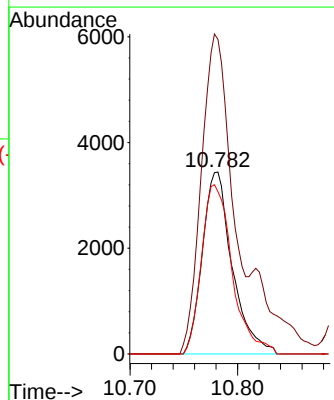
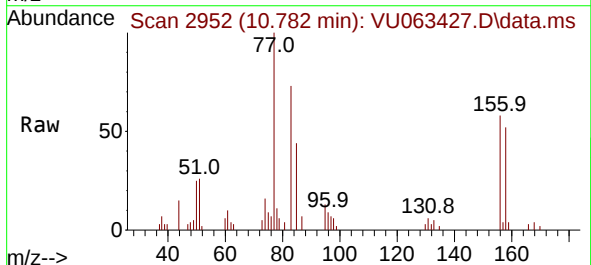
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

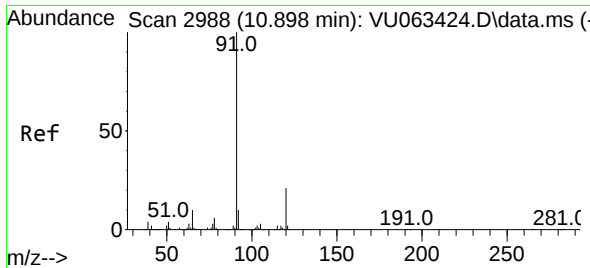
Tgt Ion:	75	Resp:	7967
Ion	Ratio	Lower	Upper
75	100		
77	23.5	0.0	0.0#
110	22.5	0.0	63.4
97	13.7	0.0	34.0



#72
Bromobenzene
Concen: 0.442 ug/l
RT: 10.782 min Scan# 2952
Delta R.T. 0.010 min
Lab File: VU063427.D
Acq: 23 Jun 2025 14:36

Tgt Ion:	156	Resp:	6630
Ion	Ratio	Lower	Upper
156	100		
77	178.9	0.0	416.2
158	95.7	0.0	190.6

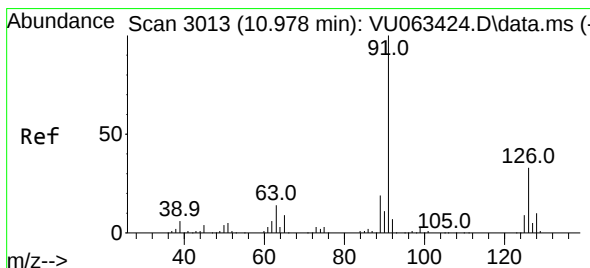
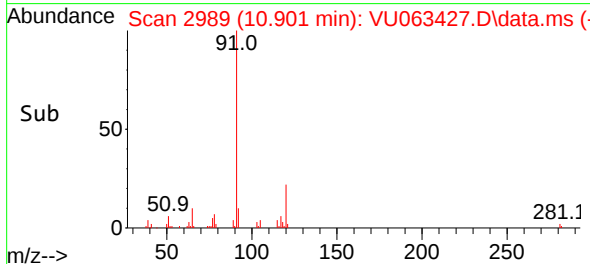
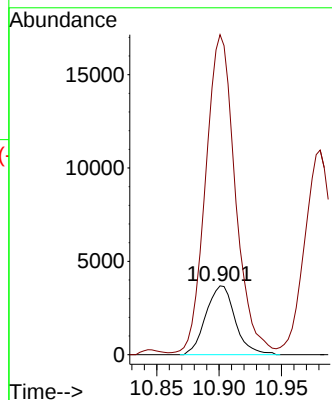
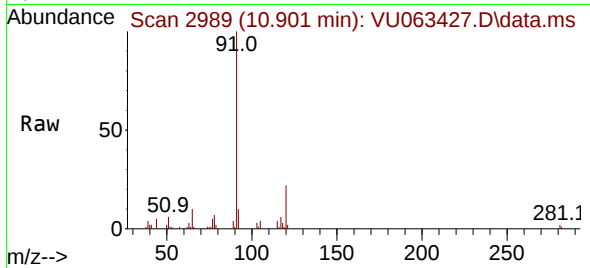




#73
n-propylbenzene
Concen: 0.665 ug/l
RT: 10.901 min Scan# 2989
Delta R.T. 0.003 min
Lab File: VU063427.D
Acq: 23 Jun 2025 14:36

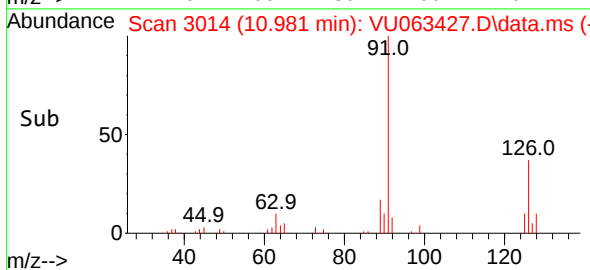
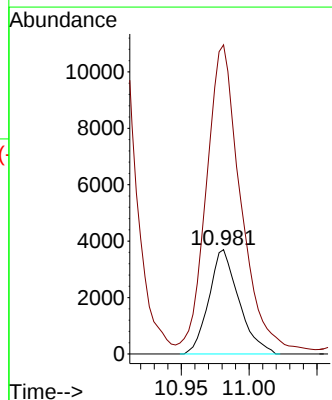
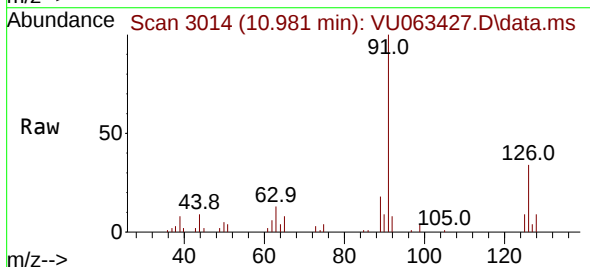
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

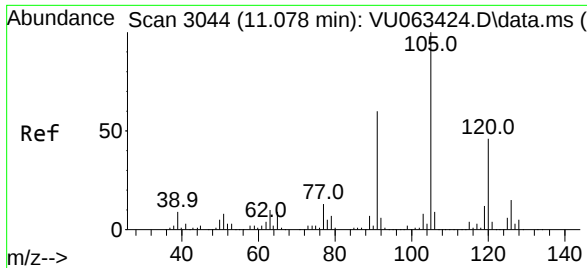
Tgt Ion:120 Resp: 6020
Ion Ratio Lower Upper
120 100
91 466.2 373.7 560.5



#74
2-Chlorotoluene
Concen: 0.384 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. 0.003 min
Lab File: VU063427.D
Acq: 23 Jun 2025 14:36

Tgt Ion:126 Resp: 5691
Ion Ratio Lower Upper
126 100
91 328.1 0.0 650.8

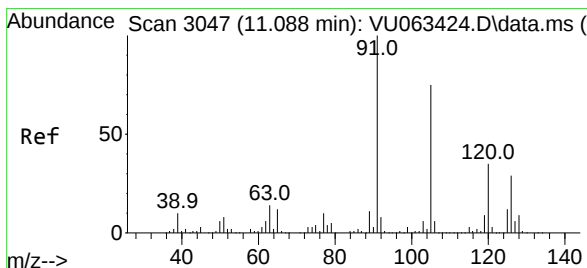
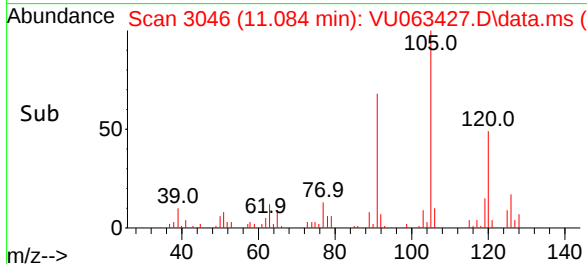
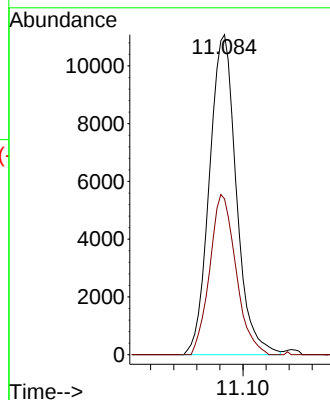
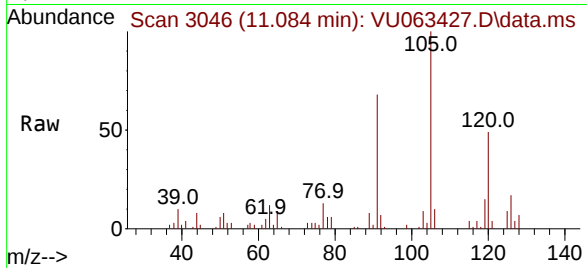




#75
1,3,5-Trimethylbenzene
Concen: 0.649 ug/l
RT: 11.084 min Scan# 3046
Delta R.T. 0.006 min
Lab File: VU063427.D
Acq: 23 Jun 2025 14:36

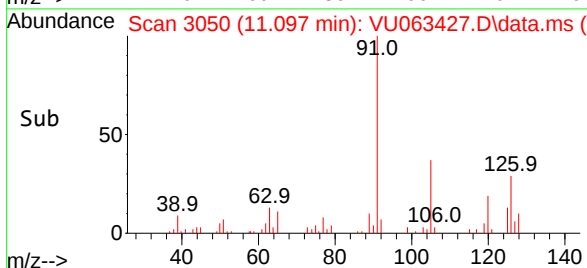
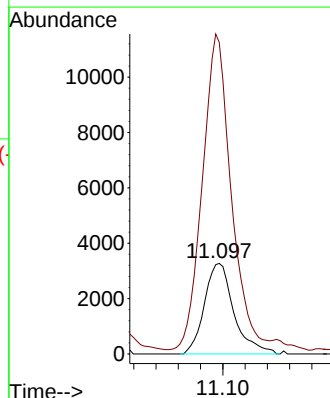
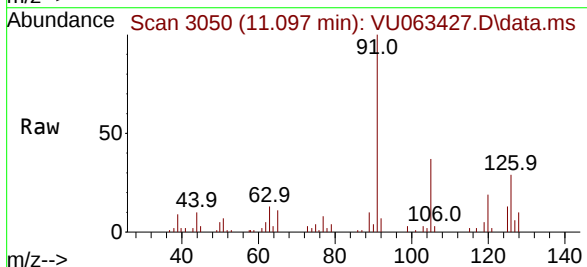
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

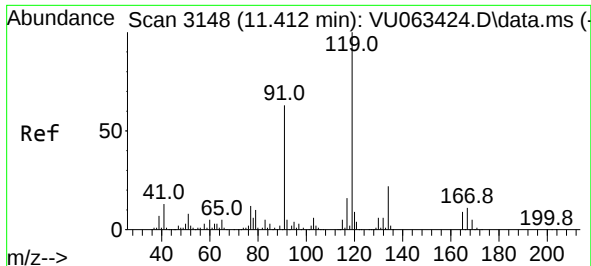
Tgt Ion:105 Resp: 17947
Ion Ratio Lower Upper
105 100
120 48.8 37.0 55.4



#76
4-Chlorotoluene
Concen: 0.387 ug/l
RT: 11.097 min Scan# 3050
Delta R.T. 0.009 min
Lab File: VU063427.D
Acq: 23 Jun 2025 14:36

Tgt Ion:126 Resp: 6010
Ion Ratio Lower Upper
126 100
91 339.2 0.0 713.2

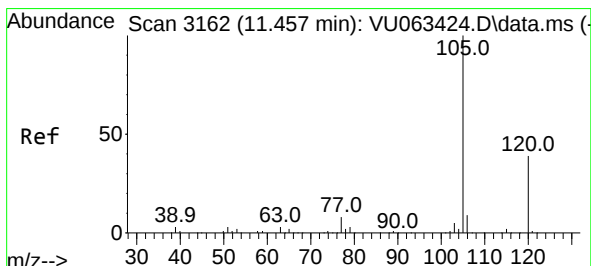
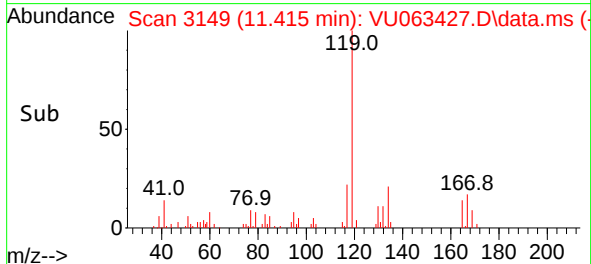
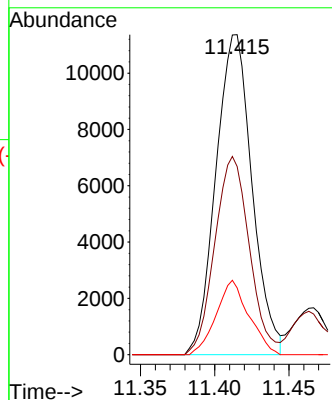
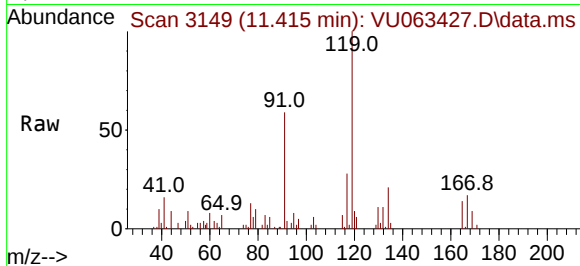




#77
tert-Butylbenzene
Concen: 0.392 ug/l
RT: 11.415 min Scan# 3148
Delta R.T. 0.003 min
Lab File: VU063427.D
Acq: 23 Jun 2025 14:36

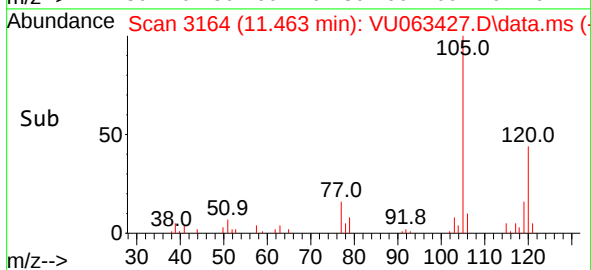
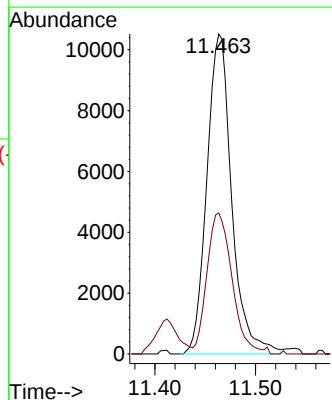
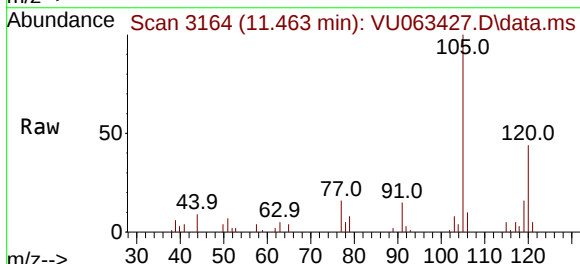
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

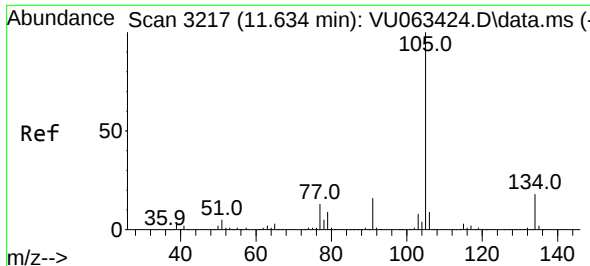
Tgt Ion	Ratio	Lower	Upper
119	100		
91	59.3	30.9	92.7
134	21.1	17.9	26.9



#78
1,2,4-Trimethylbenzene
Concen: 0.686 ug/l
RT: 11.463 min Scan# 3164
Delta R.T. 0.006 min
Lab File: VU063427.D
Acq: 23 Jun 2025 14:36

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.6	22.1	66.5

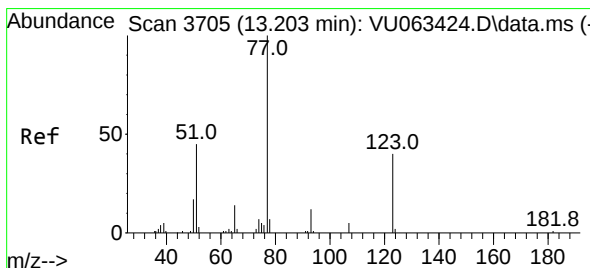
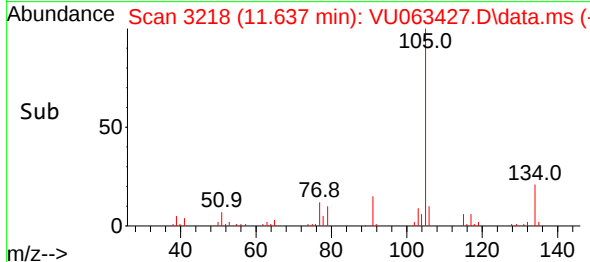
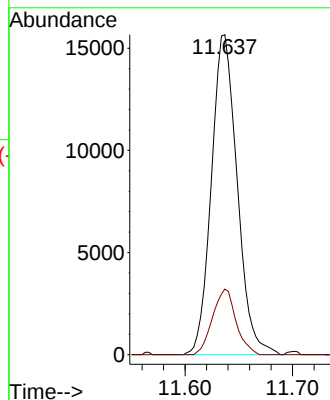
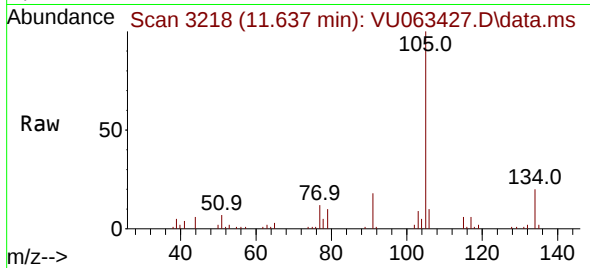




#79
 sec-Butylbenzene
 Concen: 0.377 ug/l
 RT: 11.637 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU063427.D
 Acq: 23 Jun 2025 14:36

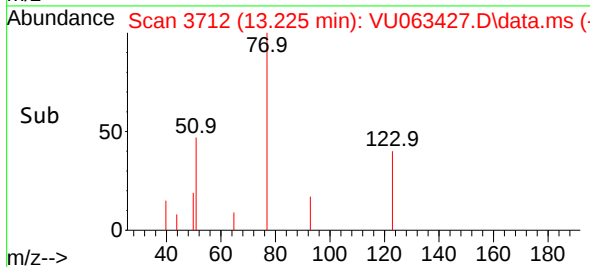
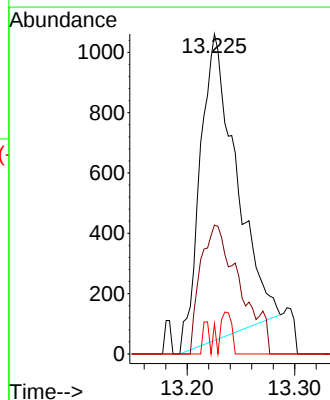
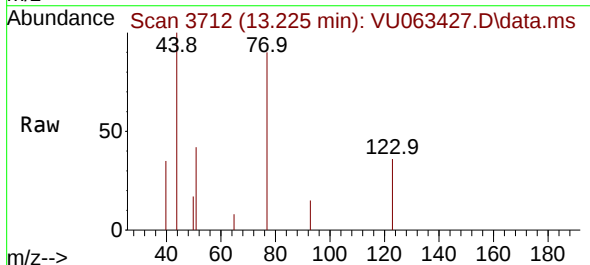
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

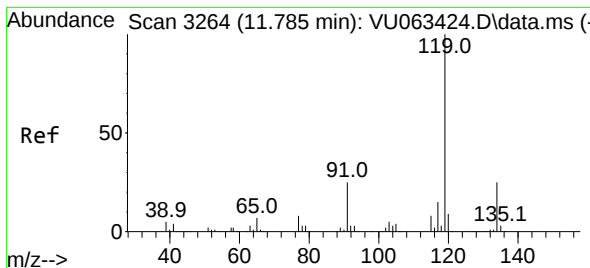
Tgt Ion:105 Resp: 26179
 Ion Ratio Lower Upper
 105 100
 134 18.6 14.8 22.2



#80
 Nitrobenzene
 Concen: 4.523 ug/l
 RT: 13.225 min Scan# 3712
 Delta R.T. 0.022 min
 Lab File: VU063427.D
 Acq: 23 Jun 2025 14:36

Tgt Ion: 77 Resp: 2367
 Ion Ratio Lower Upper
 77 100
 123 45.9 19.6 69.6
 65 4.8 10.6 13.4#





#81

p-Isopropyltoluene

Concen: 0.685 ug/l

RT: 11.788 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU063427.D

Acq: 23 Jun 2025 14:36

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

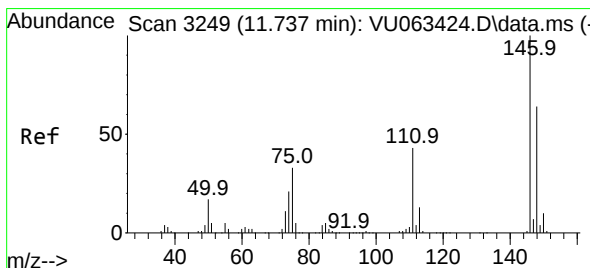
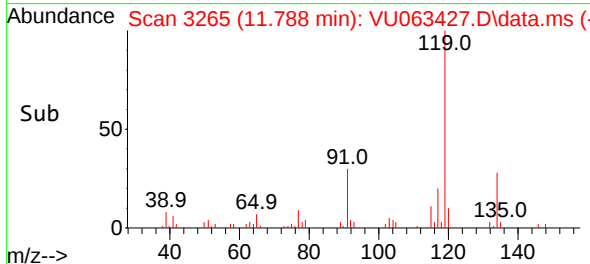
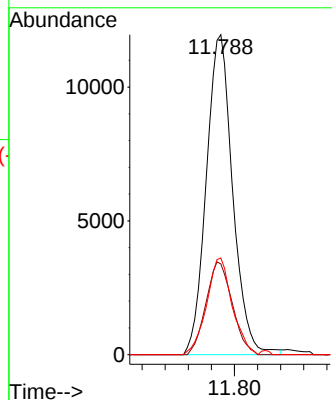
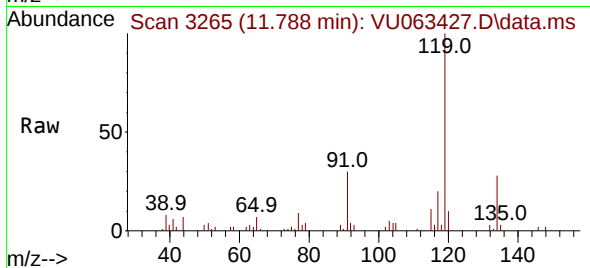
Tgt Ion:119 Resp: 18968

Ion Ratio Lower Upper

119 100

134 28.8 20.2 30.2

91 29.2 19.7 29.5



#82

1,3-Dichlorobenzene

Concen: 0.449 ug/l

RT: 11.743 min Scan# 3251

Delta R.T. 0.006 min

Lab File: VU063427.D

Acq: 23 Jun 2025 14:36

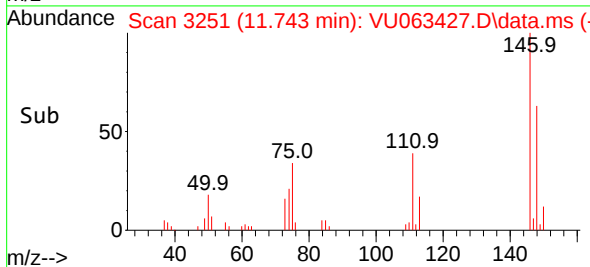
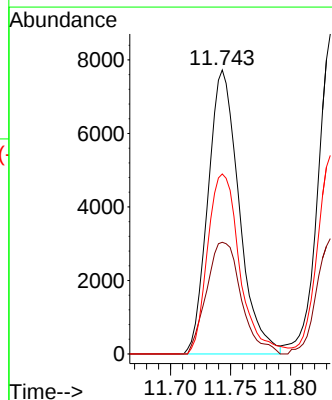
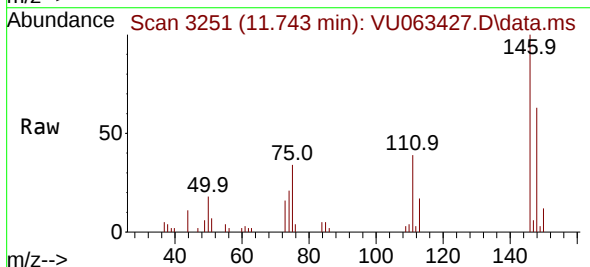
Tgt Ion:146 Resp: 13935

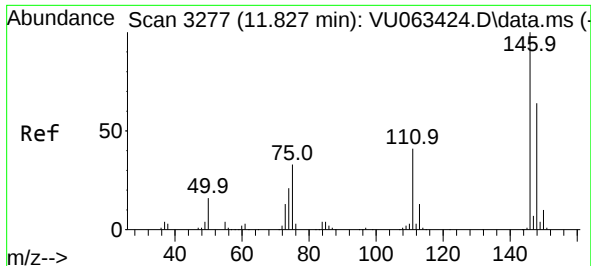
Ion Ratio Lower Upper

146 100

111 43.6 34.3 51.5

148 65.6 51.0 76.4

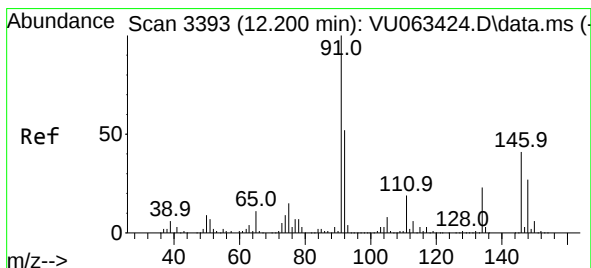
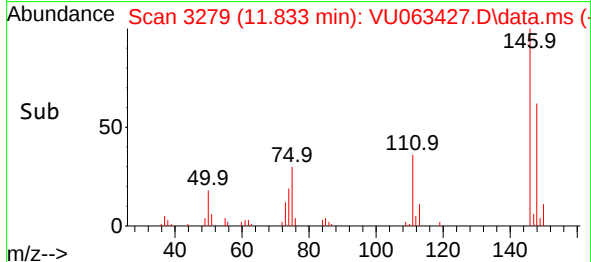
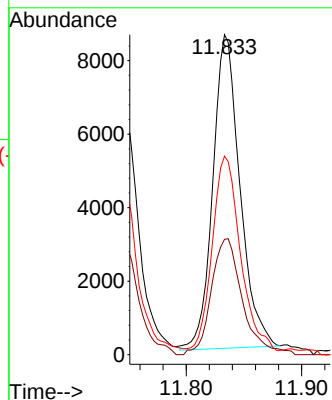
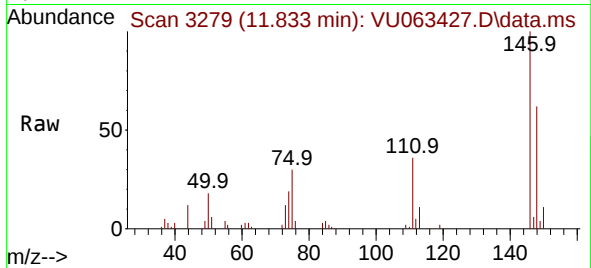




#83
1,4-Dichlorobenzene
Concen: 0.432 ug/l
RT: 11.833 min Scan# 31
Delta R.T. 0.006 min
Lab File: VU063427.D
Acq: 23 Jun 2025 14:36

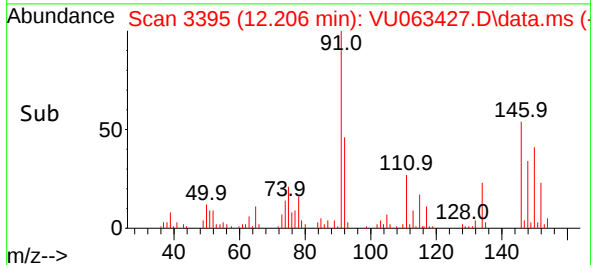
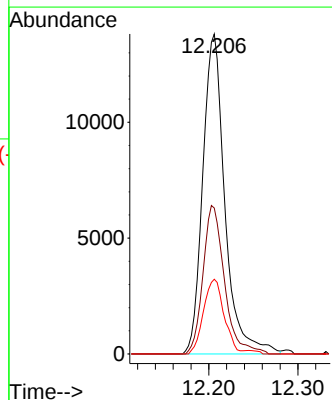
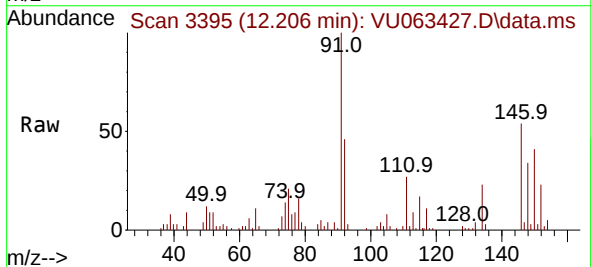
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

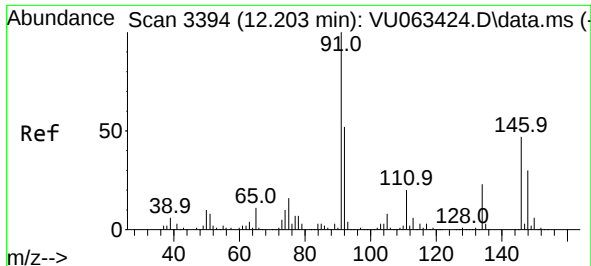
Tgt Ion:146 Resp: 13917
Ion Ratio Lower Upper
146 100
111 42.2 31.7 47.5
148 64.8 51.4 77.0



#84
n-Butylbenzene
Concen: 0.419 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. 0.006 min
Lab File: VU063427.D
Acq: 23 Jun 2025 14:36

Tgt Ion: 91 Resp: 23809
Ion Ratio Lower Upper
91 100
92 45.1 41.0 61.6
134 21.8 18.5 27.7

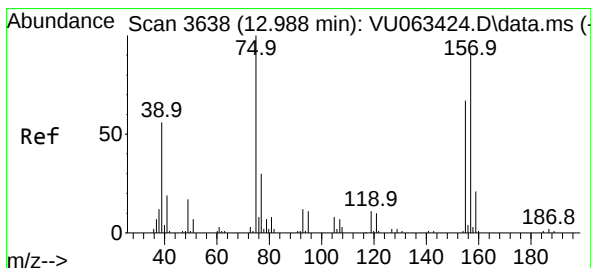
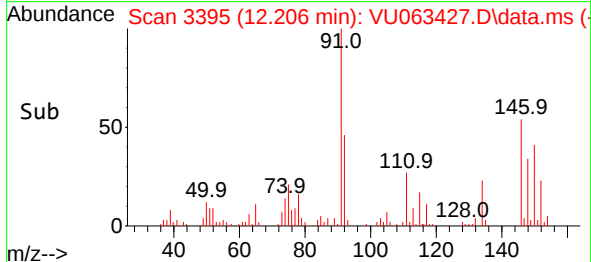
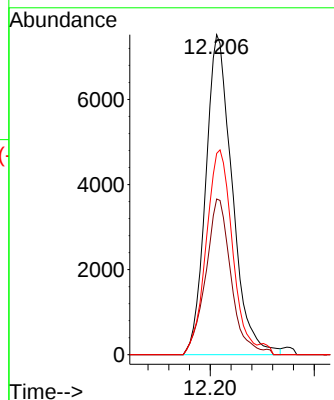
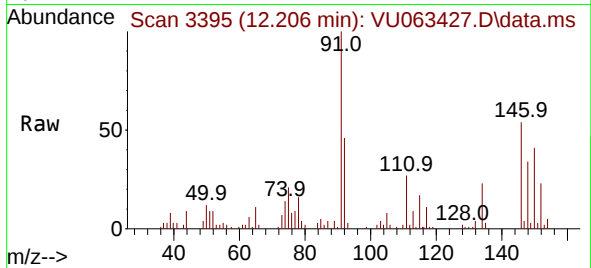




#85
1,2-Dichlorobenzene
Concen: 0.447 ug/l
RT: 12.206 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063427.D
Acq: 23 Jun 2025 14:36

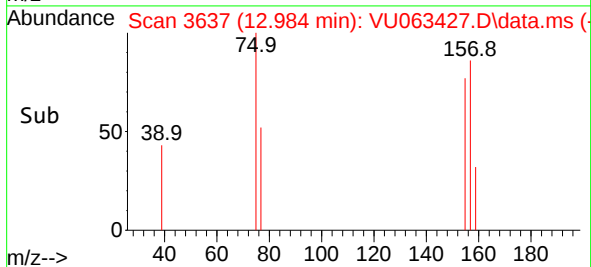
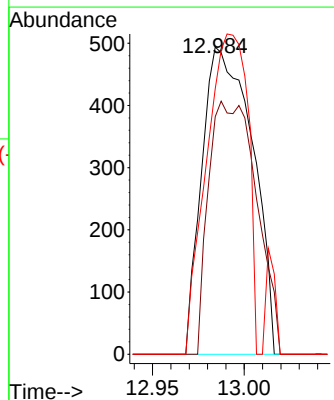
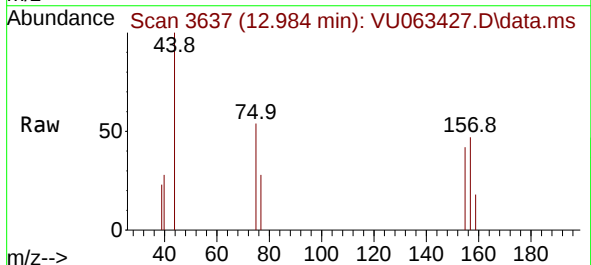
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

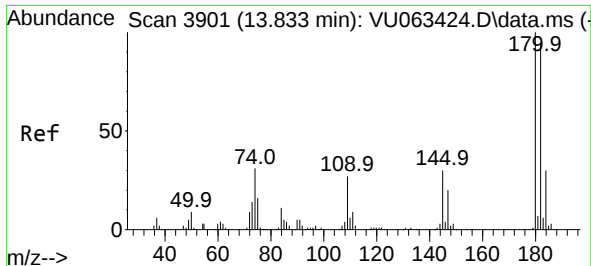
Tgt Ion:146 Resp: 13276
Ion Ratio Lower Upper
146 100
111 46.7 21.8 65.4
148 63.3 32.3 96.9



#86
1,2-Dibromo-3-Chloropropane
Concen: 0.442 ug/l
RT: 12.984 min Scan# 3637
Delta R.T. -0.004 min
Lab File: VU063427.D
Acq: 23 Jun 2025 14:36

Tgt Ion: 75 Resp: 944
Ion Ratio Lower Upper
75 100
155 78.1 59.7 89.5
157 85.5 75.0 112.4

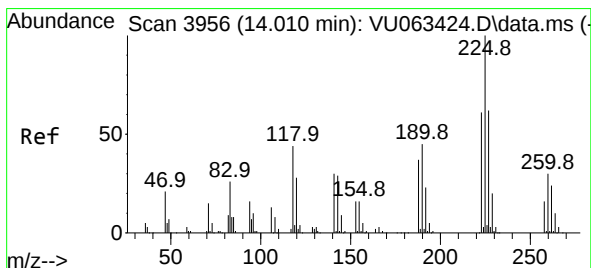
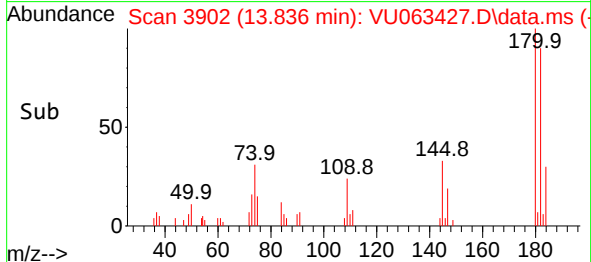
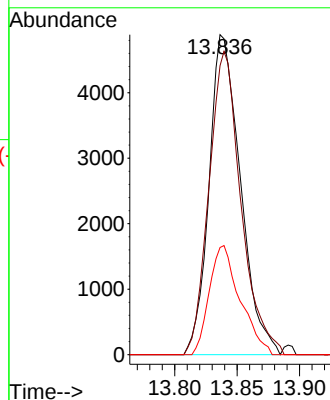
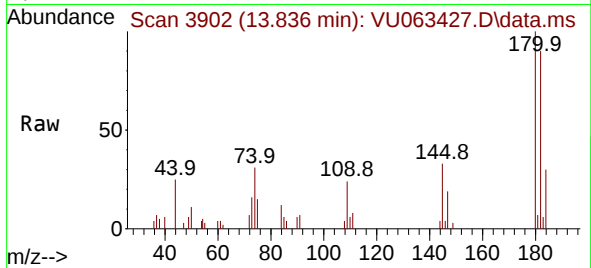




#87
1,2,4-Trichlorobenzene
Concen: 0.517 ug/l
RT: 13.836 min Scan# 3901
Delta R.T. 0.003 min
Lab File: VU063427.D
Acq: 23 Jun 2025 14:36

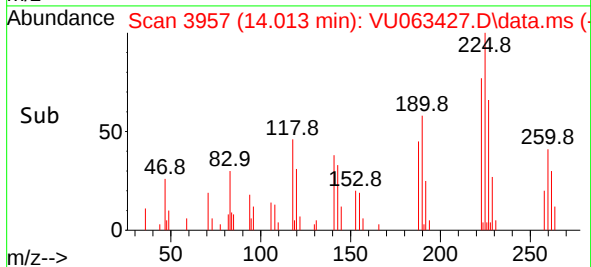
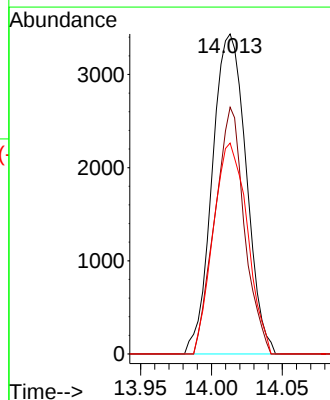
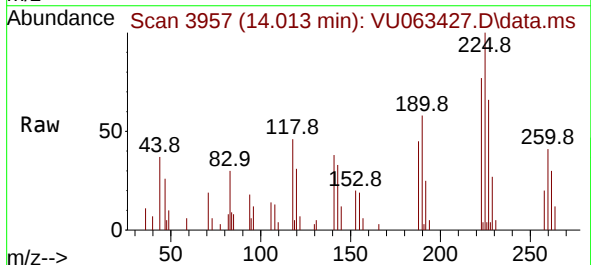
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

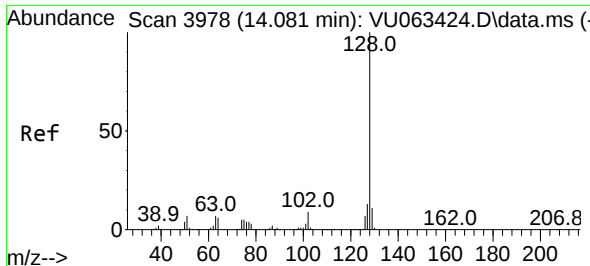
Tgt Ion:180 Resp: 8572
Ion Ratio Lower Upper
180 100
182 96.5 75.6 113.4
145 33.4 24.6 36.8



#88
Hexachlorobutadiene
Concen: 0.488 ug/l
RT: 14.013 min Scan# 3957
Delta R.T. 0.003 min
Lab File: VU063427.D
Acq: 23 Jun 2025 14:36

Tgt Ion:225 Resp: 5732
Ion Ratio Lower Upper
225 100
223 67.0 50.0 75.0
227 66.2 51.5 77.3

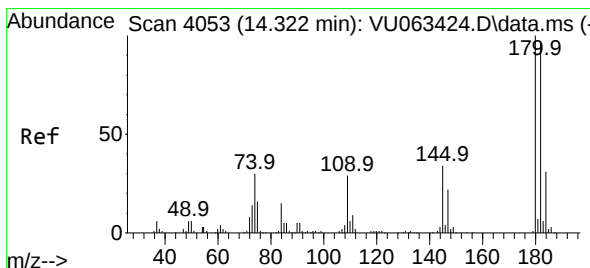
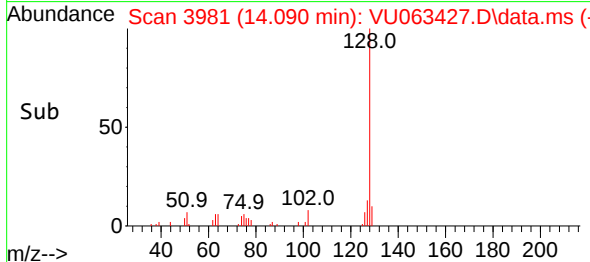
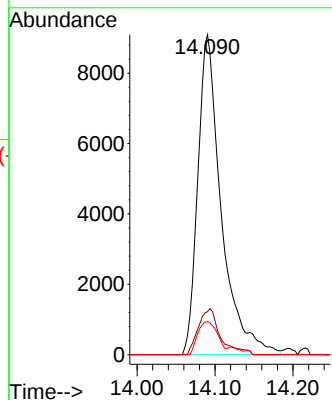
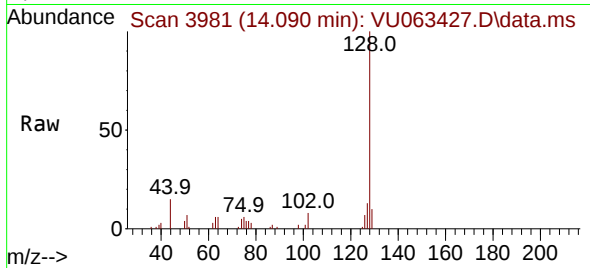




#89
Naphthalene
Concen: 1.386 ug/l
RT: 14.090 min Scan# 3978
Delta R.T. 0.009 min
Lab File: VU063427.D
Acq: 23 Jun 2025 14:36

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion:128	Resp:	19031
Ion Ratio	Lower	Upper
128	100	
127	13.4	10.4 15.6
129	8.8	8.7 13.1



#90
1,2,3-Trichlorobenzene
Concen: 0.543 ug/l
RT: 14.325 min Scan# 4054
Delta R.T. 0.003 min
Lab File: VU063427.D
Acq: 23 Jun 2025 14:36

Tgt Ion:180	Resp:	8948
Ion Ratio	Lower	Upper
180	100	
182	89.6	76.7 115.1
145	32.3	27.4 41.2

