

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062325\
 Data File : VU063421.D
 Acq On : 23 Jun 2025 10:34
 Operator : MD/SY
 Sample : VSTDIC001
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Quant Time: Jun 24 04:39:33 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	6.107	96	50621	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	17242	0.928	ug/l	0.00
Spiked Amount 1.000			Recovery	=	93.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	18573	0.995	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	19305	0.993	ug/l	100
3) Chloromethane	1.518	50	25882	1.010	ug/l	98
4) Vinyl Chloride	1.599	62	21340	0.973	ug/l	96
5) Bromomethane	1.850	94	10698	1.018	ug/l	95
6) Chloroethane	1.927	64	13329	1.026	ug/l	96
7) Trichlorofluoromethane	2.129	101	23621	0.944	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	12977	0.974	ug/l	99
9) 1,1-Dichloroethene	2.570	96	13771	1.036	ug/l	96
10) Iodomethane	2.711	142	8204	0.765	ug/l	97
11) Allyl Chloride	2.911	41	23179	0.979	ug/l	99
12) Acrylonitrile	3.309	53	7789	2.028	ug/l	99
13) Acetone	2.621	43	14352	3.388	ug/l	97
14) Carbon Disulfide	2.779	76	46154	0.996	ug/l	98
15) Methylene Chloride	3.030	84	16433	0.975	ug/l	98
16) trans-1,2-Dichloroethene	3.338	96	15049	1.006	ug/l	95
17) 1,1-Dichloroethane	3.850	63	30350	0.966	ug/l	98
18) 2-Butanone	4.721	43	20847	3.890	ug/l	97
19) Cyclohexane	5.364	56	21333	0.898	ug/l	95
20) Methylcyclohexane	6.747	83	18407	0.838	ug/l	91
21) 2,2-Dichloropropane	4.647	77	21970	0.984	ug/l	99
22) cis-1,2-Dichloroethene	4.647	96	16188	0.992	ug/l	96
23) Diethyl Ether	2.371	59	10925	0.911	ug/l	91
24) tert-Butyl Alcohol	3.197	59	11089	8.777	ug/l	96
25) Methyl tert-Butyl Ether	3.364	73	34747	0.961	ug/l	100
26) Bromochloromethane	4.962	128	6202	0.976	ug/l	96
27) Chloroform	5.071	83	29297	0.995	ug/l	97
28) 1,1,1-Trichloroethane	5.300	97	23844	0.999	ug/l	99
29) 1,1-Dichloropropene	5.512	75	20379	0.935	ug/l	98
30) Carbon Tetrachloride	5.502	117	18574	0.974	ug/l	98
31) Isopropyl Ether	3.991	45	46937	0.951	ug/l	92
32) Ethyl-t-butyl ether	4.505	59	39119	0.941	ug/l	99
33) Tert-Amyl methyl ether	5.943	73	25607	0.862	ug/l	99
34) Propionitrile	4.776	54	7198	4.643	ug/l	# 92
35) Benzene	5.763	78	62845	0.953	ug/l	97
36) 1,2-Dichloroethane	5.788	62	18585	0.964	ug/l	99
37) Trichloroethene	6.531	130	15019	0.964	ug/l	94
38) 1,2-Dichloropropane	6.785	63	17241	0.946	ug/l	100
39) Methacrylonitrile	4.975	41	5952	0.923	ug/l	95
40) Methyl acrylate	4.850	55	7532	0.830	ug/l	100
41) Tetrahydrofuran	5.065	42	6490	1.870	ug/l	93
42) 1-Chlorobutane	5.441	56	25872	0.836	ug/l	98
43) Dibromomethane	6.911	93	7800	0.917	ug/l	98
44) Bromodichloromethane	7.100	83	19937	0.962	ug/l	92

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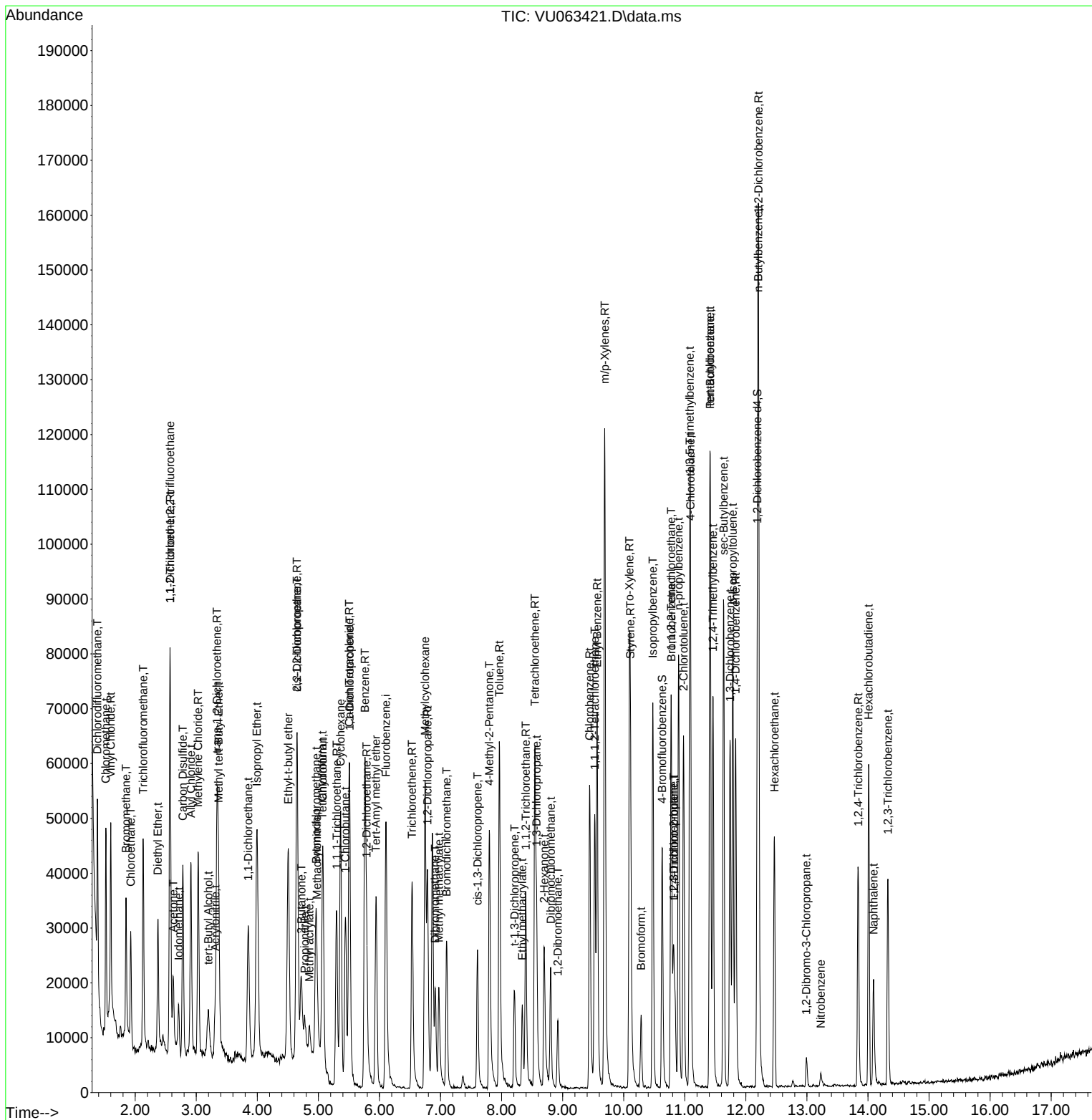
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC001

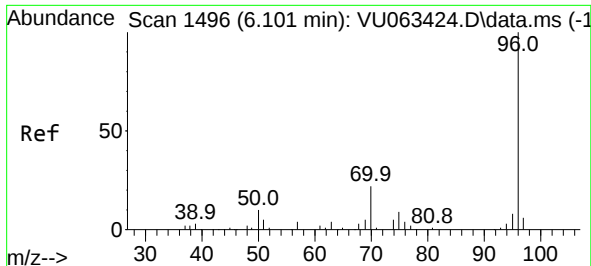
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U062325DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Jun 24 03:53:51 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.798	43	37282	4.081	ug/l	92
46) t-1,4-Dichloro-2-butene	10.817	75	15051	5.161	ug/l #	44
47) Methyl methacrylate	6.972	69	10083	2.101	ug/l	95
48) Ethyl methacrylate	8.338	69	8728	0.973	ug/l	98
49) Toluene	7.962	92	30905	0.853	ug/l	96
50) t-1,3-Dichloropropene	8.210	75	12646	0.846	ug/l	96
51) cis-1,3-Dichloropropene	7.605	75	17373	0.865	ug/l	93
52) 1,1,2-Trichloroethane	8.396	97	11731	0.943	ug/l	94
53) 1,3-Dichloropropane	8.573	76	19322	0.903	ug/l	97
54) 2-Hexanone	8.698	43	21141	4.397	ug/l	89
55) Dibromochloromethane	8.804	129	11242	0.876	ug/l	96
56) 1,2-Dibromoethane	8.920	107	9751	0.967	ug/l	95
58) Tetrachloroethene	8.544	164	14681	0.960	ug/l	95
59) Chlorobenzene	9.441	112	34842	0.899	ug/l	96
60) 1,1,1,2-Tetrachloroethane	9.525	131	13320	0.954	ug/l	99
61) Pentachloroethane	11.415	117	10985	0.966	ug/l	100
62) Hexachloroethane	12.467	117	9374	0.917	ug/l	99
63) Ethyl Benzene	9.563	91	50087	0.806	ug/l	96
64) m/p-Xylenes	9.689	106	38930	2.060	ug/l	92
65) o-Xylene	10.094	106	19731	0.836	ug/l	97
66) Styrene	10.110	104	29573	1.013	ug/l	97
67) Bromoform	10.283	173	6361	0.907	ug/l	98
69) Isopropylbenzene	10.476	105	44144	0.807	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.775	83	14262	0.896	ug/l	96
71) 1,2,3-Trichloropropane	10.817	75	15051	1.137	ug/l #	88
72) Bromobenzene	10.779	156	13533	0.881	ug/l	94
73) n-propylbenzene	10.898	120	13461	1.019	ug/l	89
74) 2-Chlorotoluene	10.978	126	12836	0.846	ug/l	82
75) 1,3,5-Trimethylbenzene	11.081	105	39748	0.964	ug/l	99
76) 4-Chlorotoluene	11.094	126	12996	0.817	ug/l	92
77) tert-Butylbenzene	11.412	119	42753	0.851	ug/l	97
78) 1,2,4-Trimethylbenzene	11.460	105	40697	1.007	ug/l	96
79) sec-Butylbenzene	11.634	105	57690	0.810	ug/l	100
80) Nitrobenzene	13.225	77	1920	3.866	ug/l #	63
81) p-Isopropyltoluene	11.785	119	42416	1.007	ug/l	97
82) 1,3-Dichlorobenzene	11.743	146	29075	0.914	ug/l	98
83) 1,4-Dichlorobenzene	11.833	146	28201	0.855	ug/l	97
84) n-Butylbenzene	12.203	91	46235	0.793	ug/l	94
85) 1,2-Dichlorobenzene	12.206	146	27280	0.896	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.987	75	1728	0.790	ug/l	99
87) 1,2,4-Trichlorobenzene	13.840	180	13837	0.815	ug/l	98
88) Hexachlorobutadiene	14.010	225	11315	0.940	ug/l	97
89) Naphthalene	14.090	128	19413	1.384	ug/l #	92
90) 1,2,3-Trichlorobenzene	14.325	180	13071	0.774	ug/l	98

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

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QLast Update : Tue Jun 24 03:53:51 2025
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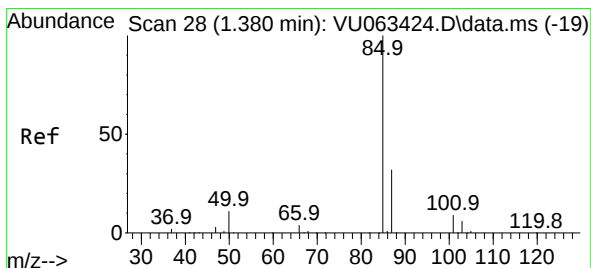
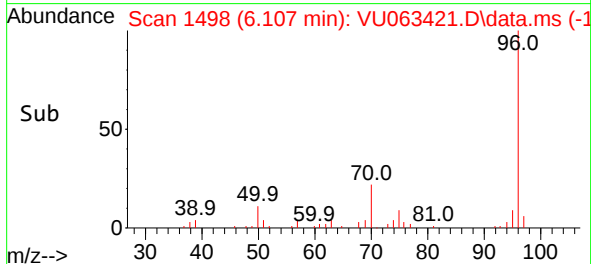
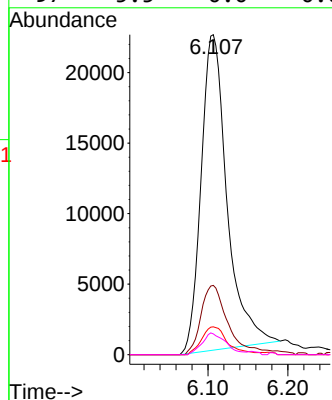
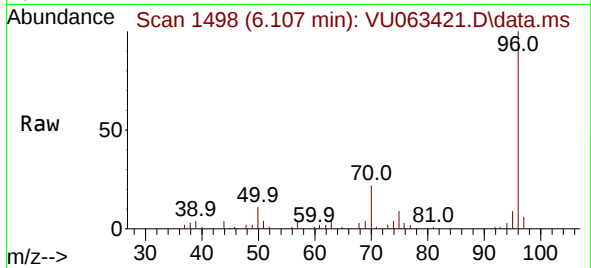




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.107 min Scan# 1496
Delta R.T. 0.006 min
Lab File: VU063421.D
Acq: 23 Jun 2025 10:34

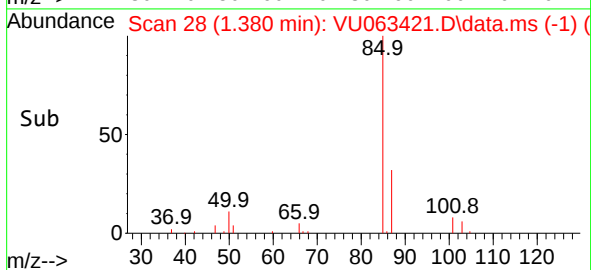
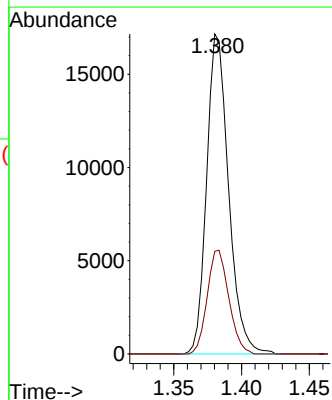
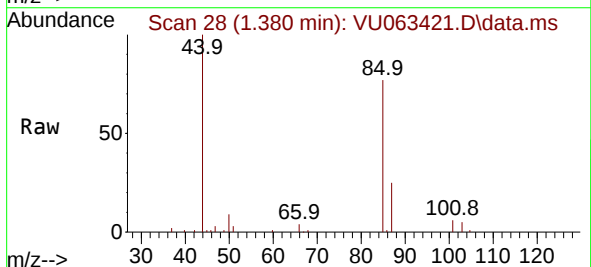
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

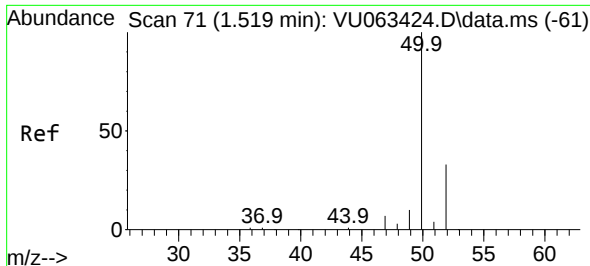
Tgt Ion: 96	Resp: 50621
Ion Ratio	Lower Upper
96 100	
70 23.6	16.4 24.6
95 8.1	6.2 9.2
97 5.5	0.0 0.0



#2
Dichlorodifluoromethane
Concen: 0.993 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU063421.D
Acq: 23 Jun 2025 10:34

Tgt Ion: 85	Resp: 19305
Ion Ratio	Lower Upper
85 100	
87 32.1	16.2 48.5

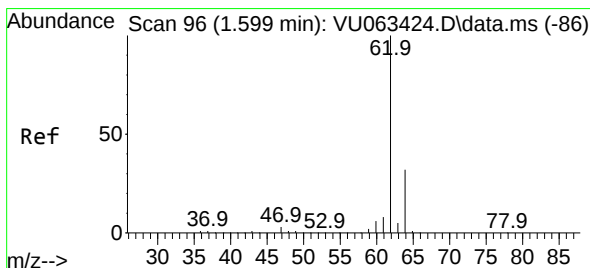
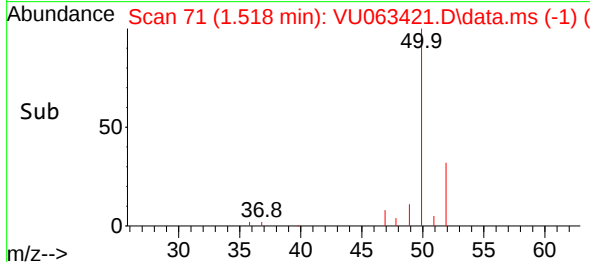
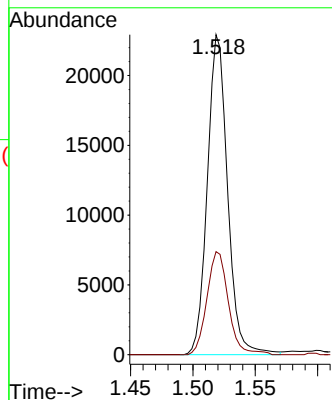
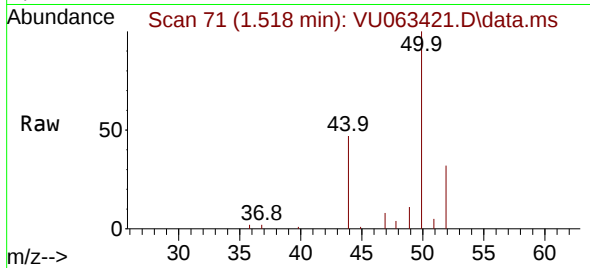




#3
Chloromethane
Concen: 1.010 ug/l
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU063421.D
Acq: 23 Jun 2025 10:34

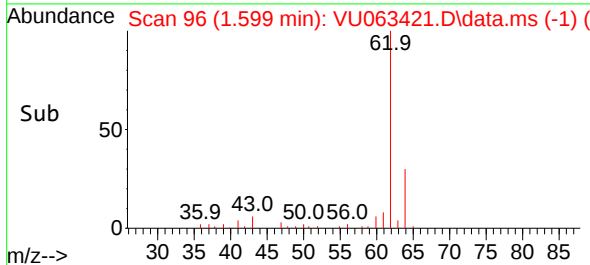
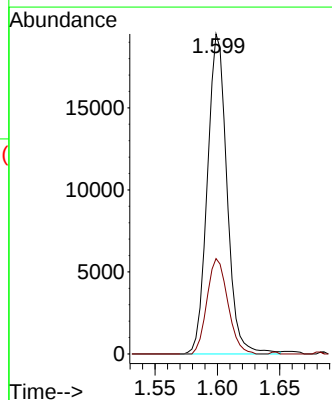
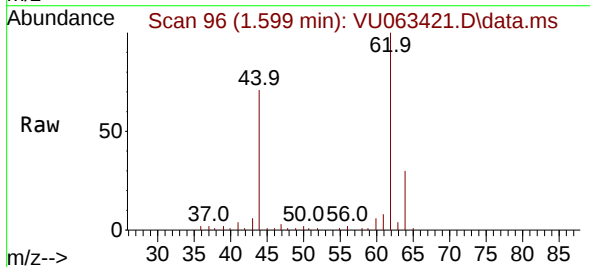
Instrument :
MSVOA_U
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VSTDIC001

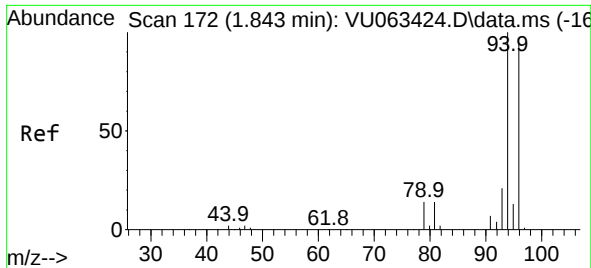
Tgt Ion: 50 Resp: 25882
Ion Ratio Lower Upper
50 100
52 32.2 26.6 40.0



#4
Vinyl Chloride
Concen: 0.973 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063421.D
Acq: 23 Jun 2025 10:34

Tgt Ion: 62 Resp: 21340
Ion Ratio Lower Upper
62 100
64 29.8 25.7 38.5

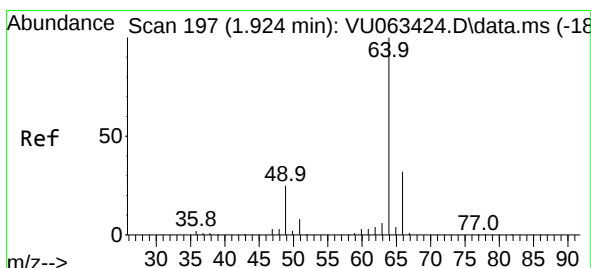
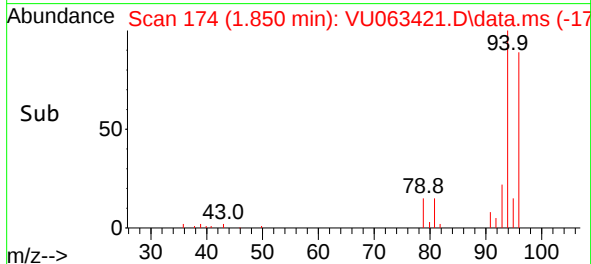
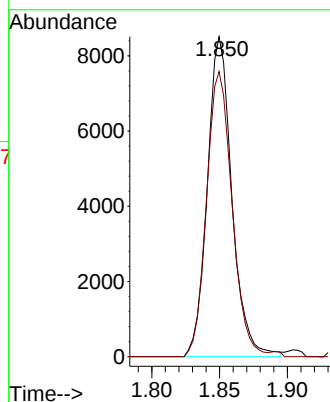
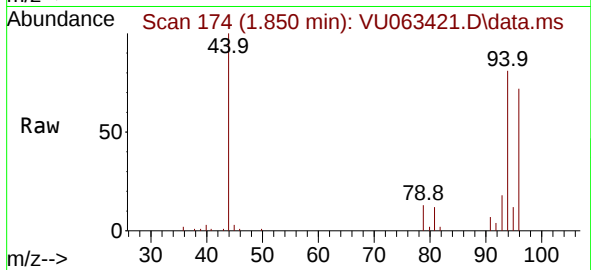




#5
Bromomethane
Concen: 1.018 ug/l
RT: 1.850 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU063421.D
Acq: 23 Jun 2025 10:34

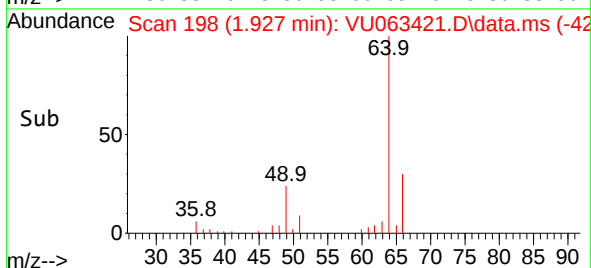
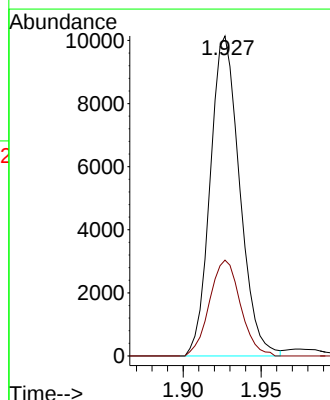
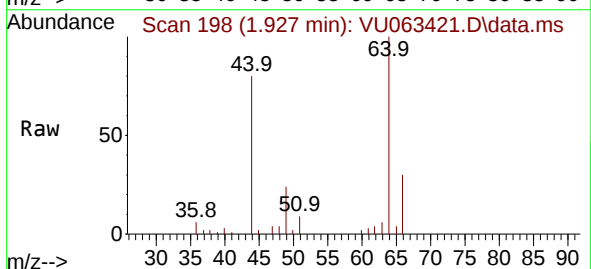
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ClientSampleId :
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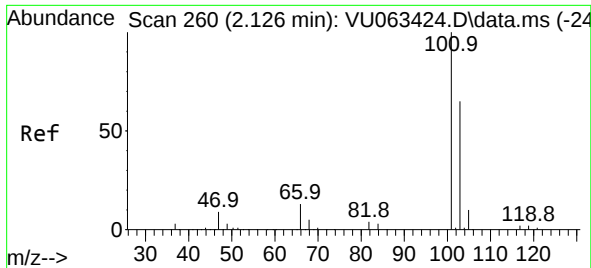
Tgt Ion: 94 Resp: 10698
Ion Ratio Lower Upper
94 100
96 89.1 74.8 112.2



#6
Chloroethane
Concen: 1.026 ug/l
RT: 1.927 min Scan# 198
Delta R.T. 0.003 min
Lab File: VU063421.D
Acq: 23 Jun 2025 10:34

Tgt Ion: 64 Resp: 13329
Ion Ratio Lower Upper
64 100
66 29.9 25.7 38.5

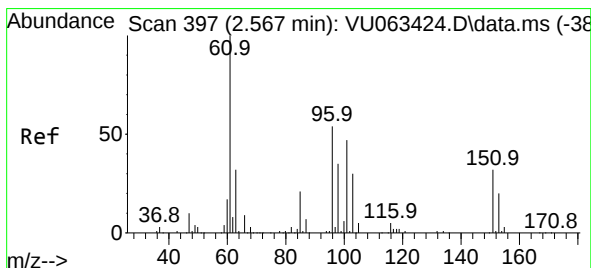
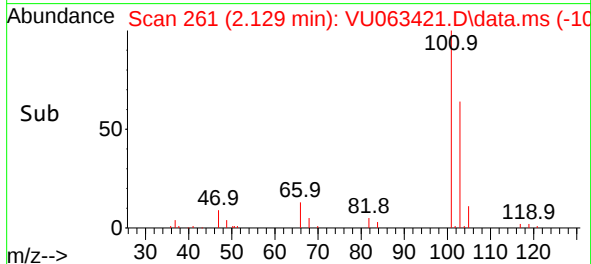
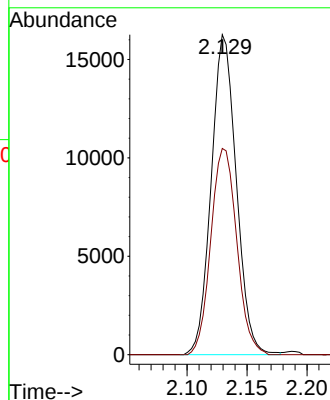
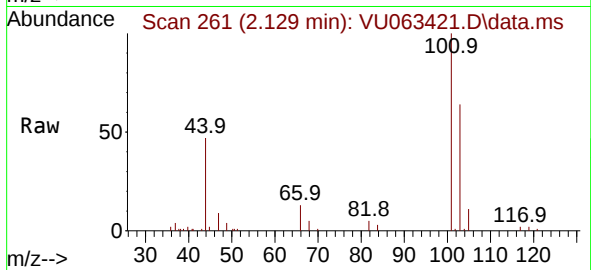




#7
 Trichlorofluoromethane
 Concen: 0.944 ug/l
 RT: 2.129 min Scan# 210
 Delta R.T. 0.003 min
 Lab File: VU063421.D
 Acq: 23 Jun 2025 10:34

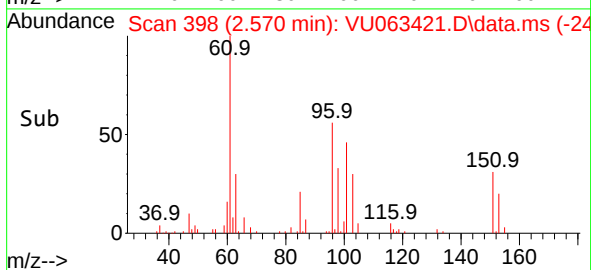
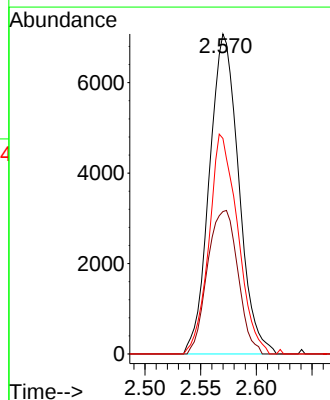
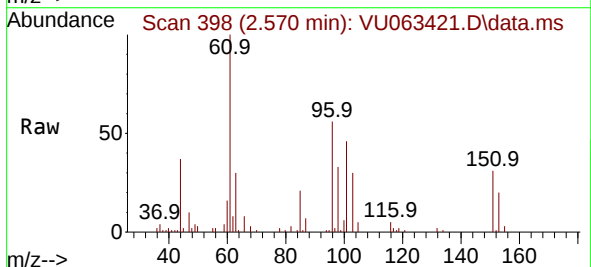
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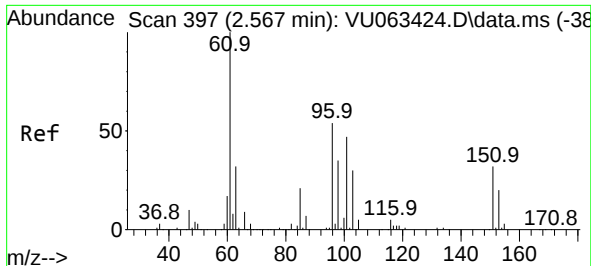
Tgt Ion:101 Resp: 23621
 Ion Ratio Lower Upper
 101 100
 103 64.5 52.3 78.5



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.974 ug/l
 RT: 2.570 min Scan# 398
 Delta R.T. 0.003 min
 Lab File: VU063421.D
 Acq: 23 Jun 2025 10:34

Tgt Ion:101 Resp: 12977
 Ion Ratio Lower Upper
 101 100
 85 46.5 36.7 55.1
 151 67.2 53.9 80.9





#9

1,1-Dichloroethene

Concen: 1.036 ug/l

RT: 2.570 min Scan# 397

Delta R.T. 0.003 min

Lab File: VU063421.D

Acq: 23 Jun 2025 10:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

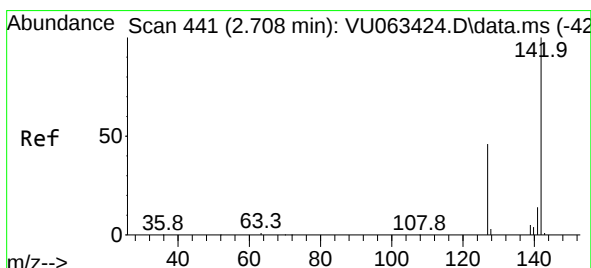
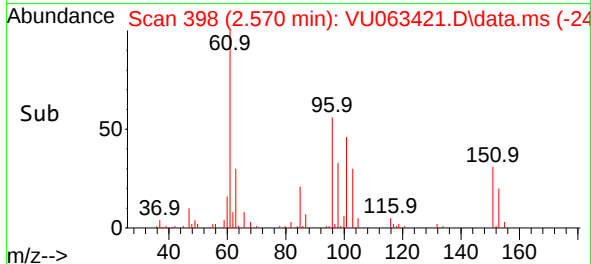
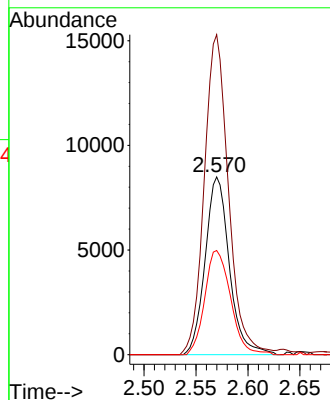
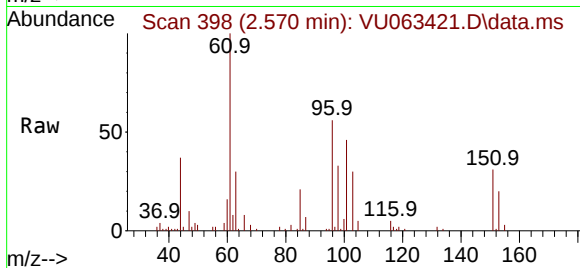
Tgt Ion: 96 Resp: 13771

Ion Ratio Lower Upper

96 100

61 180.0 0.0 552.0

98 58.6 0.0 128.4



#10

Iodomethane

Concen: 0.765 ug/l

RT: 2.711 min Scan# 442

Delta R.T. 0.003 min

Lab File: VU063421.D

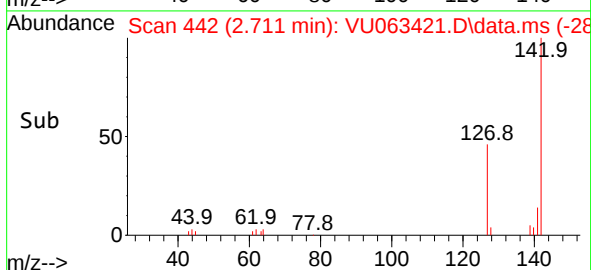
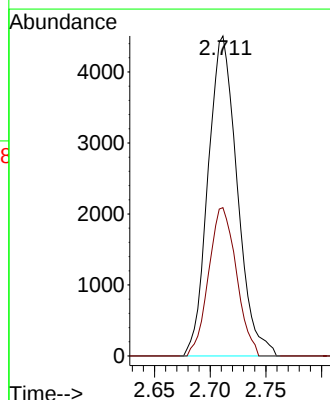
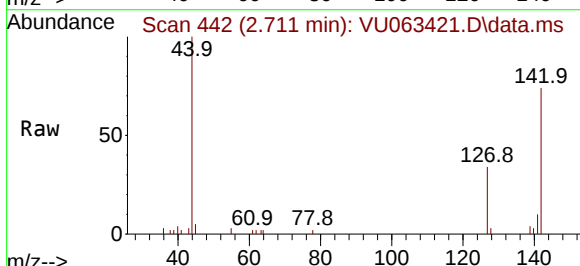
Acq: 23 Jun 2025 10:34

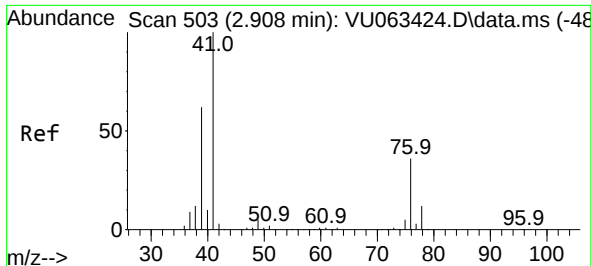
Tgt Ion:142 Resp: 8204

Ion Ratio Lower Upper

142 100

127 44.1 36.9 55.3





#11

Allyl Chloride

Concen: 0.979 ug/l

RT: 2.911 min Scan# 503

Delta R.T. 0.003 min

Lab File: VU063421.D

Acq: 23 Jun 2025 10:34

Instrument :

MSVOA_U

ClientSampleId :

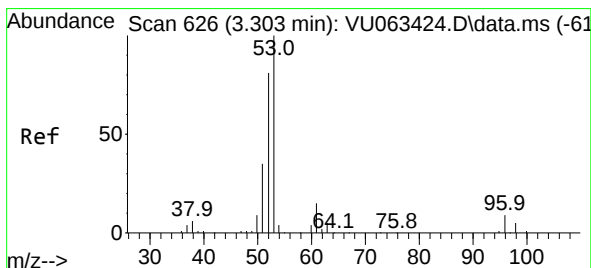
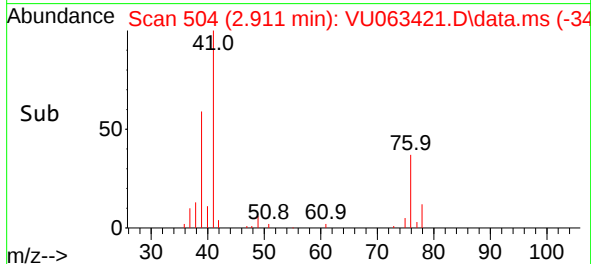
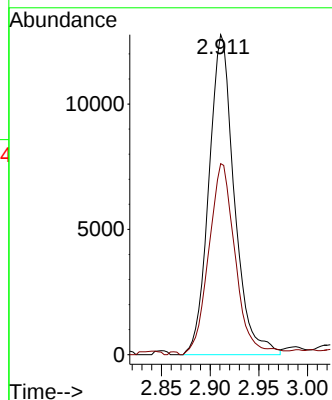
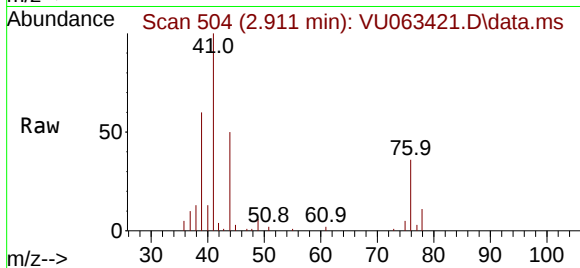
VSTDIC001

Tgt Ion: 41 Resp: 23179

Ion Ratio Lower Upper

41 100

39 62.3 50.3 75.5



#12

Acrylonitrile

Concen: 2.028 ug/l

RT: 3.309 min Scan# 628

Delta R.T. 0.006 min

Lab File: VU063421.D

Acq: 23 Jun 2025 10:34

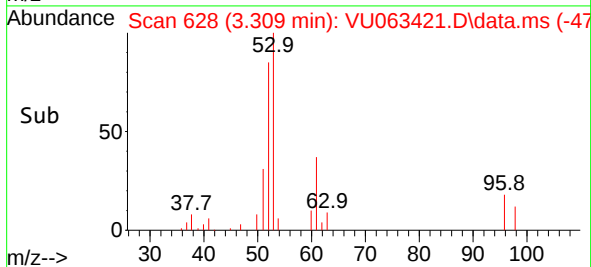
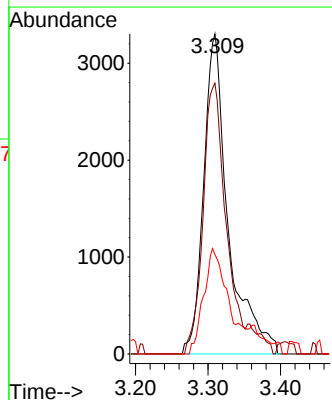
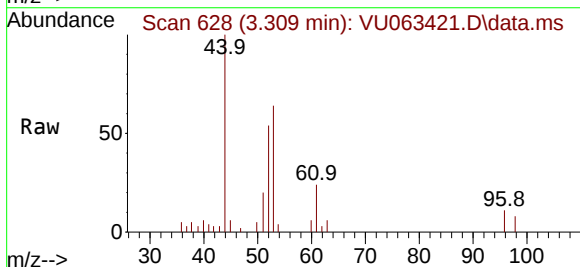
Tgt Ion: 53 Resp: 7789

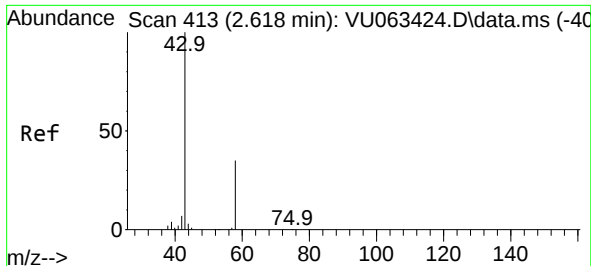
Ion Ratio Lower Upper

53 100

52 78.1 62.8 94.2

51 33.4 26.2 39.4





#13

Acetone

Concen: 3.388 ug/l

RT: 2.621 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU063421.D

Acq: 23 Jun 2025 10:34

Instrument :

MSVOA_U

ClientSampleId :

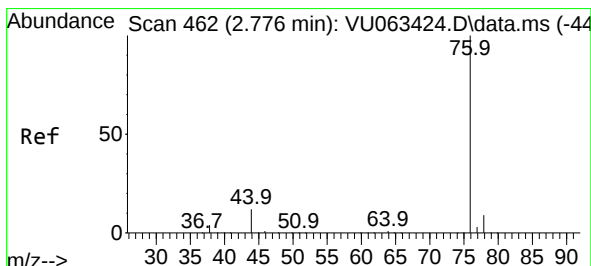
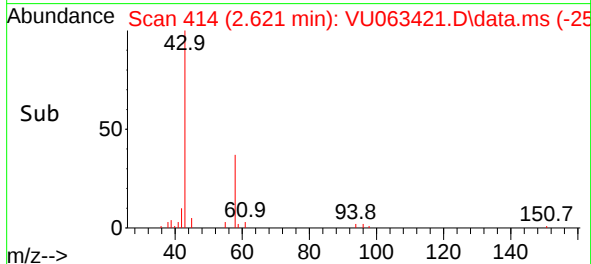
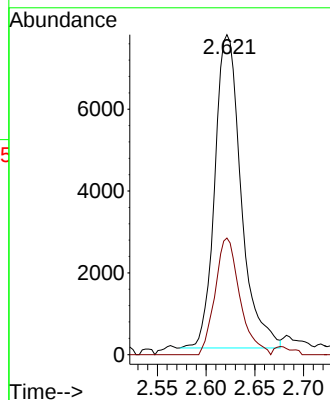
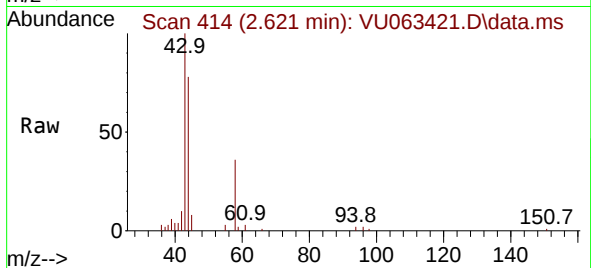
VSTDICC001

Tgt Ion: 43 Resp: 14352

Ion Ratio Lower Upper

43 100

58 37.3 28.3 42.5



#14

Carbon Disulfide

Concen: 0.996 ug/l

RT: 2.779 min Scan# 463

Delta R.T. 0.003 min

Lab File: VU063421.D

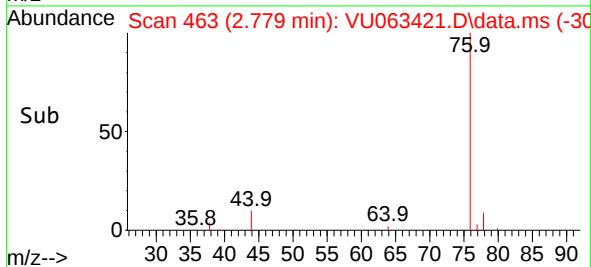
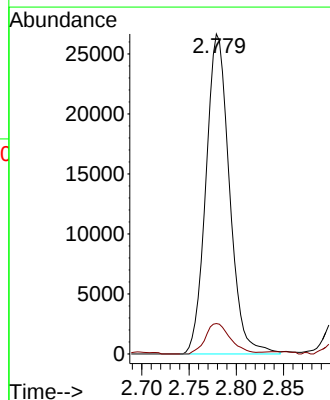
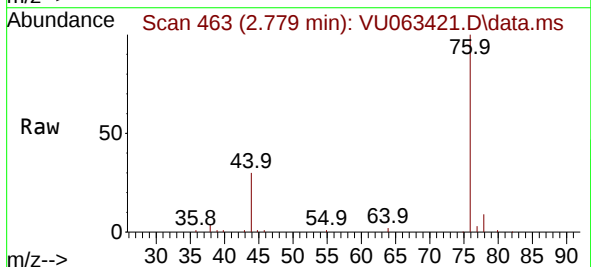
Acq: 23 Jun 2025 10:34

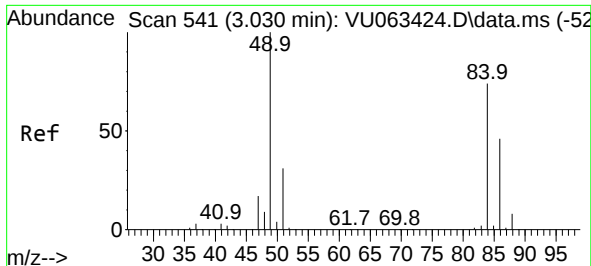
Tgt Ion: 76 Resp: 46154

Ion Ratio Lower Upper

76 100

78 9.5 6.9 10.3



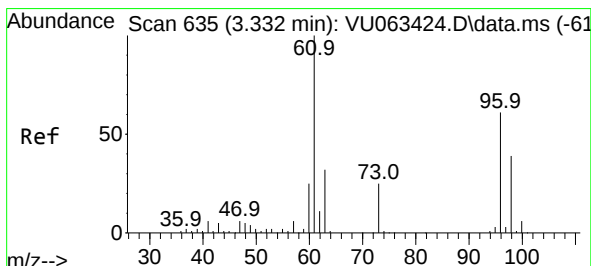
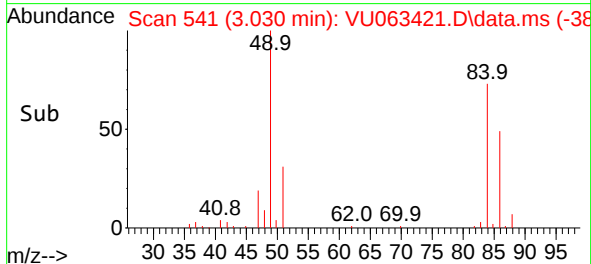
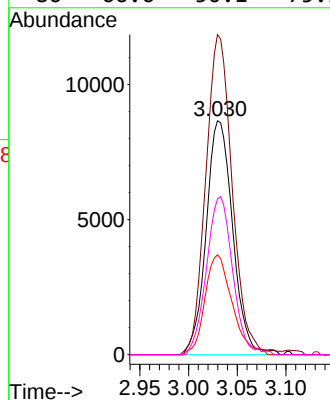
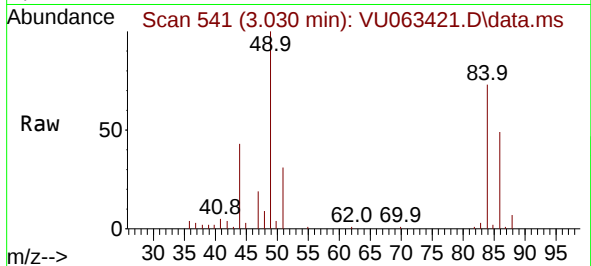


#15
Methylene Chloride
Concen: 0.975 ug/l
RT: 3.030 min Scan# 541
Delta R.T. -0.000 min
Lab File: VU063421.D
Acq: 23 Jun 2025 10:34

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 84 Resp: 16433

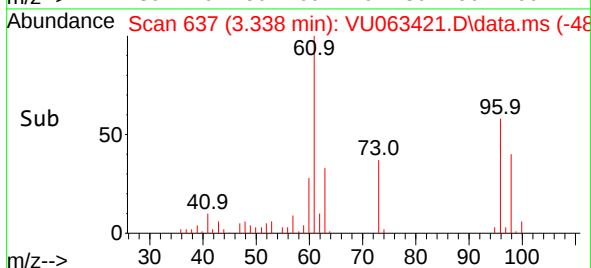
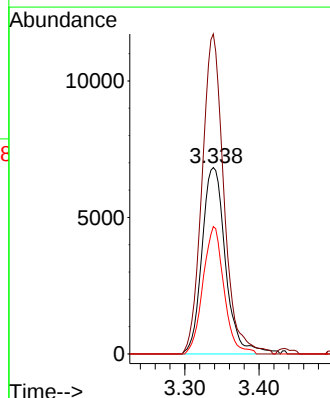
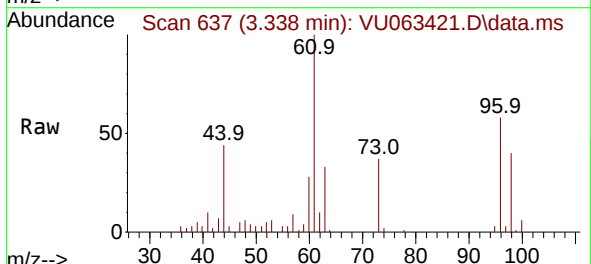
Ion	Ratio	Lower	Upper
84	100		
49	136.8	108.7	163.1
51	42.7	0.0	83.8
86	66.6	50.1	75.1



#16
trans-1,2-Dichloroethene
Concen: 1.006 ug/l
RT: 3.338 min Scan# 637
Delta R.T. 0.006 min
Lab File: VU063421.D
Acq: 23 Jun 2025 10:34

Tgt Ion: 96 Resp: 15049

Ion	Ratio	Lower	Upper
96	100		
61	171.7	132.1	198.1
98	68.3	51.0	76.4

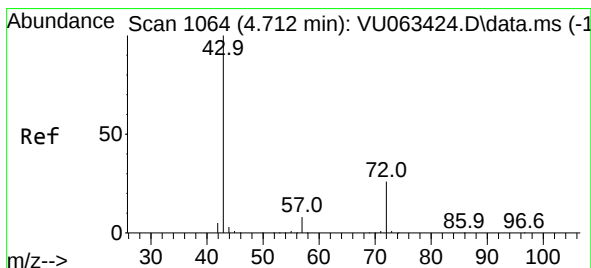
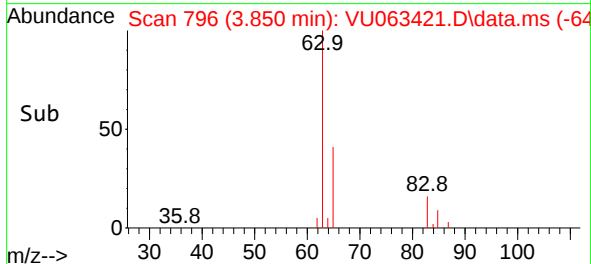
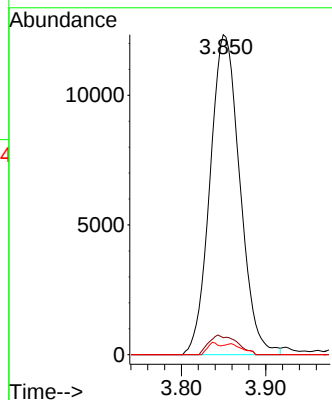
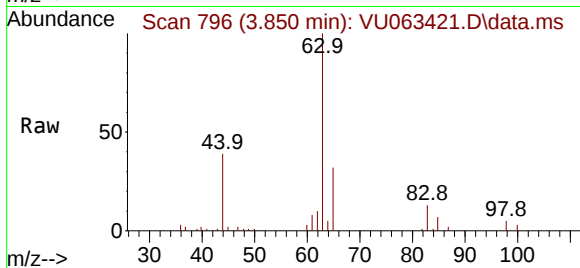




#17
1,1-Dichloroethane
Concen: 0.966 ug/l
RT: 3.850 min Scan# 796
Delta R.T. -0.000 min
Lab File: VU063421.D
Acq: 23 Jun 2025 10:34

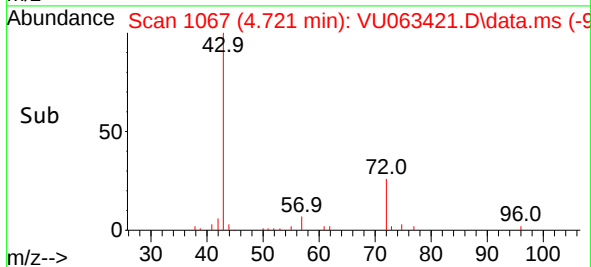
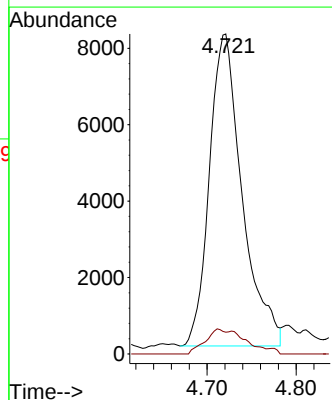
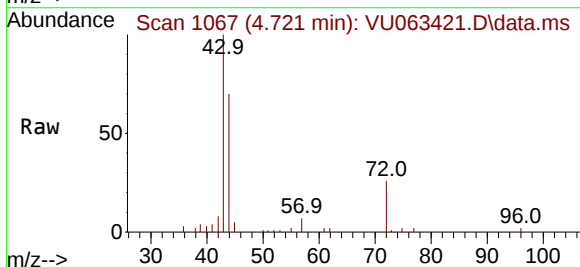
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

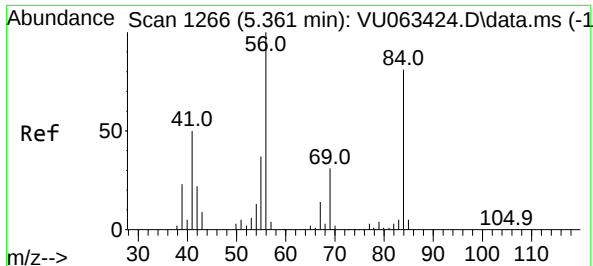
Tgt Ion: 63 Resp: 30350
Ion Ratio Lower Upper
63 100
98 5.3 2.8 8.4
100 2.9 1.9 5.7



#18
2-Butanone
Concen: 3.890 ug/l
RT: 4.721 min Scan# 1067
Delta R.T. 0.009 min
Lab File: VU063421.D
Acq: 23 Jun 2025 10:34

Tgt Ion: 43 Resp: 20847
Ion Ratio Lower Upper
43 100
57 7.0 0.0 16.0





#19

Cyclohexane

Concen: 0.898 ug/l

RT: 5.364 min Scan# 1266

Delta R.T. 0.003 min

Lab File: VU063421.D

Acq: 23 Jun 2025 10:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

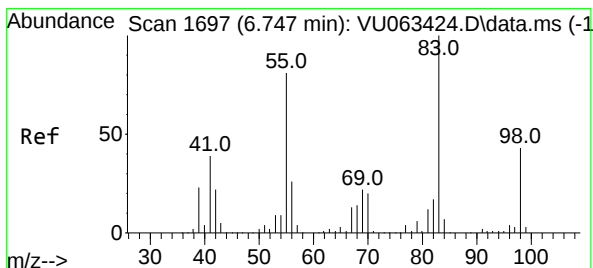
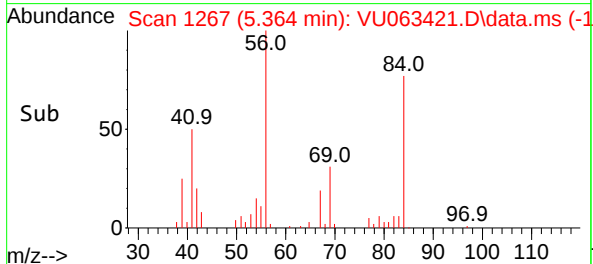
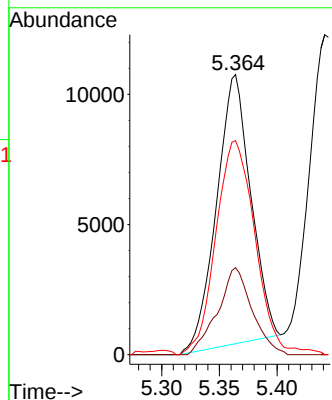
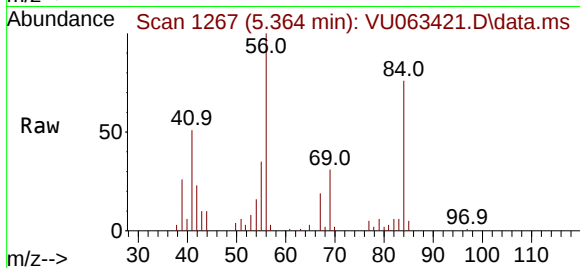
Tgt Ion: 56 Resp: 21333

Ion Ratio Lower Upper

56 100

69 32.5 26.4 39.6

84 91.3 68.6 102.8



#20

Methylcyclohexane

Concen: 0.838 ug/l

RT: 6.747 min Scan# 1697

Delta R.T. -0.000 min

Lab File: VU063421.D

Acq: 23 Jun 2025 10:34

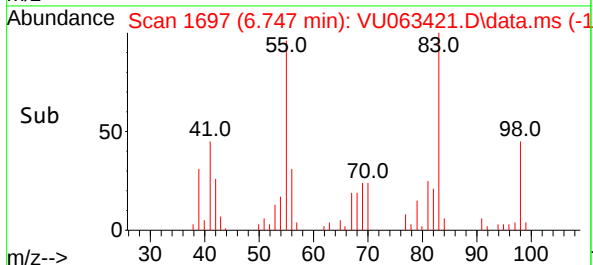
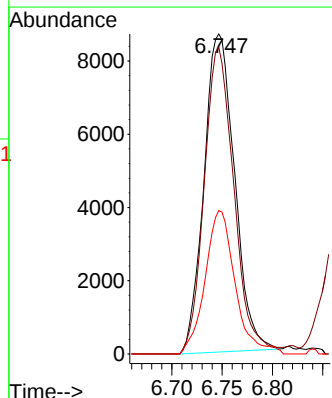
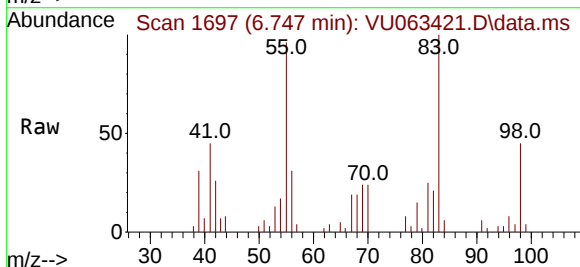
Tgt Ion: 83 Resp: 18407

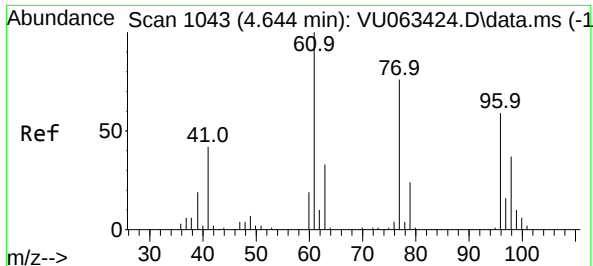
Ion Ratio Lower Upper

83 100

55 90.7 63.5 95.3

98 44.1 34.2 51.4





#21

2,2-Dichloropropane

Concen: 0.984 ug/l

RT: 4.647 min Scan# 1044

Delta R.T. 0.003 min

Lab File: VU063421.D

Acq: 23 Jun 2025 10:34

Instrument :

MSVOA_U

ClientSampleId :

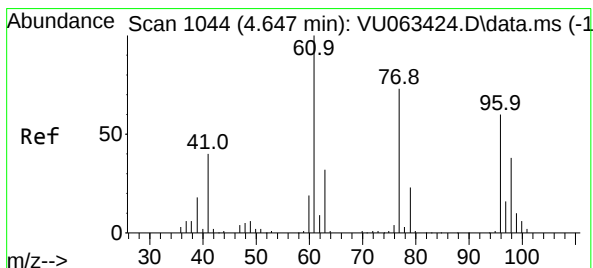
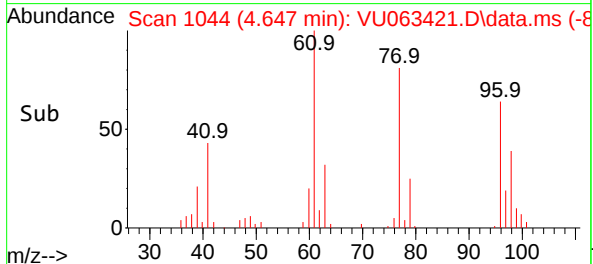
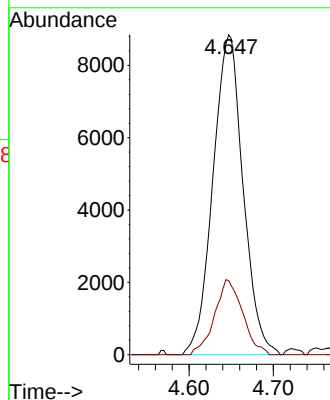
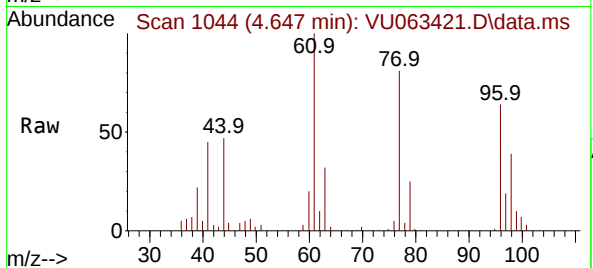
VSTDICC001

Tgt Ion: 77 Resp: 21970

Ion Ratio Lower Upper

77 100

97 21.8 17.2 25.8



#22

cis-1,2-Dichloroethene

Concen: 0.992 ug/l

RT: 4.647 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VU063421.D

Acq: 23 Jun 2025 10:34

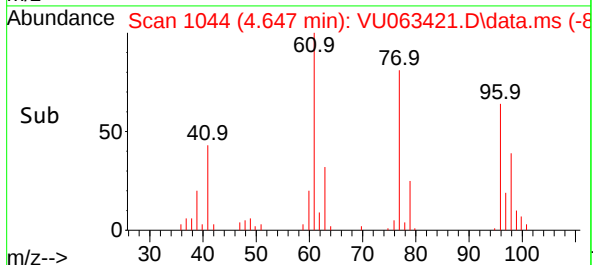
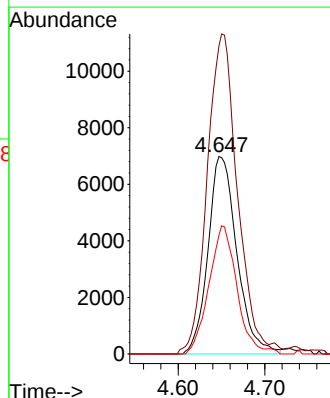
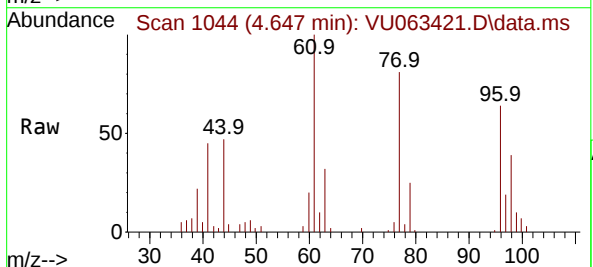
Tgt Ion: 96 Resp: 16188

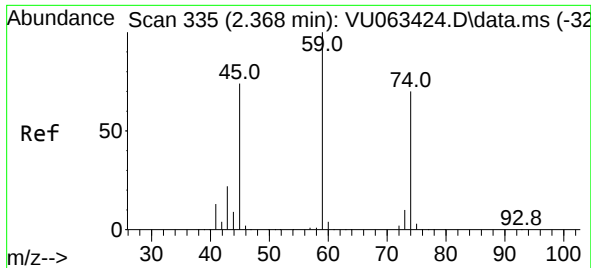
Ion Ratio Lower Upper

96 100

61 167.9 0.0 434.3

98 62.0 31.9 95.7





#23

Diethyl Ether

Concen: 0.911 ug/l

RT: 2.371 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU063421.D

Acq: 23 Jun 2025 10:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

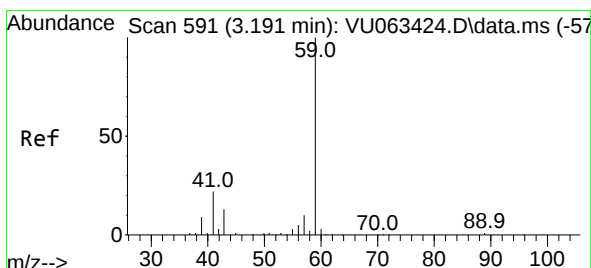
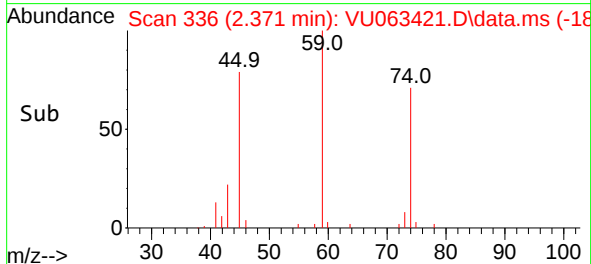
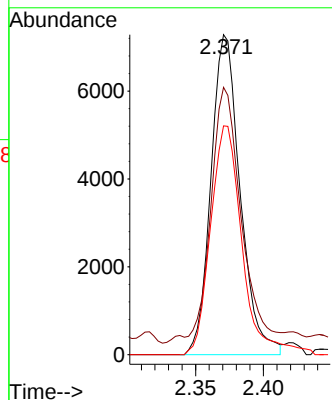
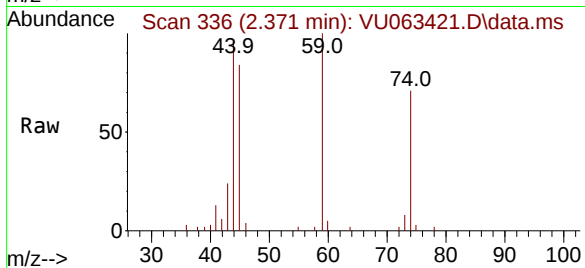
Tgt Ion: 59 Resp: 10925

Ion Ratio Lower Upper

59 100

45 83.5 60.7 91.1

74 77.2 55.8 83.6



#24

tert-Butyl Alcohol

Concen: 8.777 ug/l

RT: 3.197 min Scan# 593

Delta R.T. 0.006 min

Lab File: VU063421.D

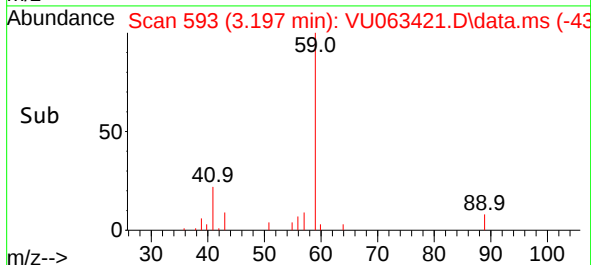
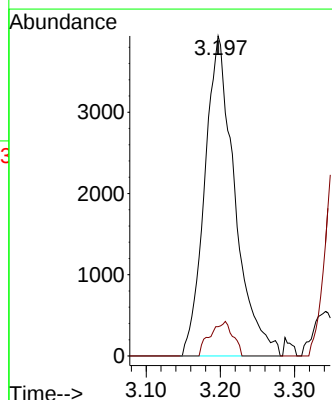
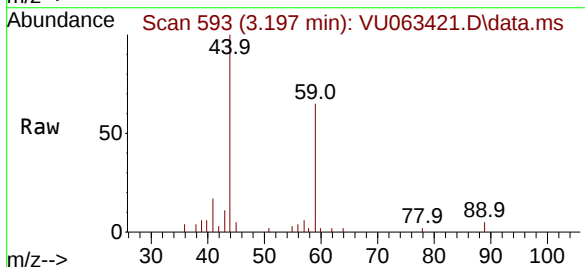
Acq: 23 Jun 2025 10:34

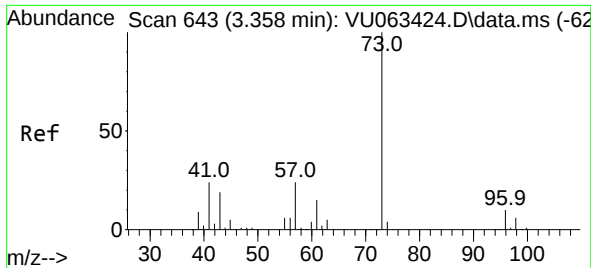
Tgt Ion: 59 Resp: 11089

Ion Ratio Lower Upper

59 100

57 8.2 7.8 11.8

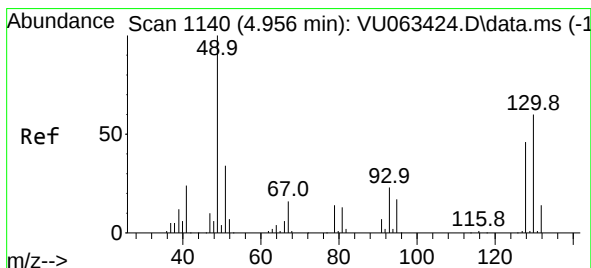
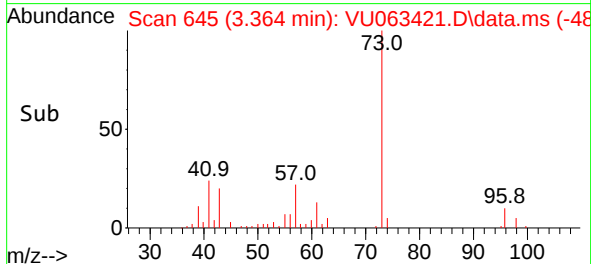
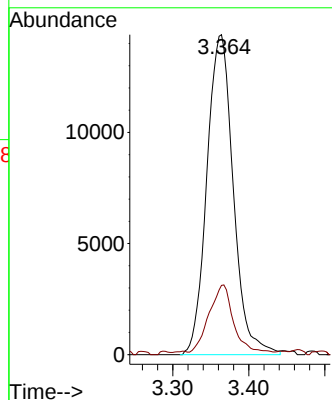
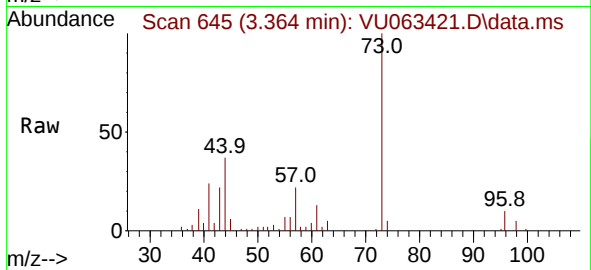




#25
Methyl tert-Butyl Ether
Concen: 0.961 ug/l
RT: 3.364 min Scan# 643
Delta R.T. 0.006 min
Lab File: VU063421.D
Acq: 23 Jun 2025 10:34

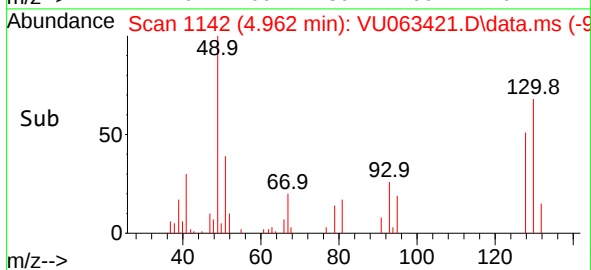
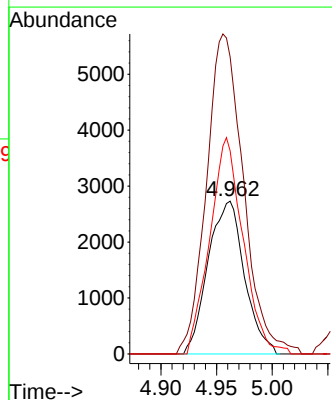
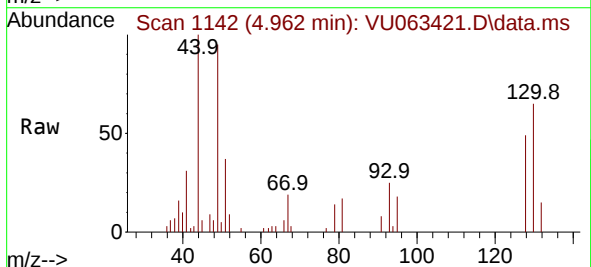
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

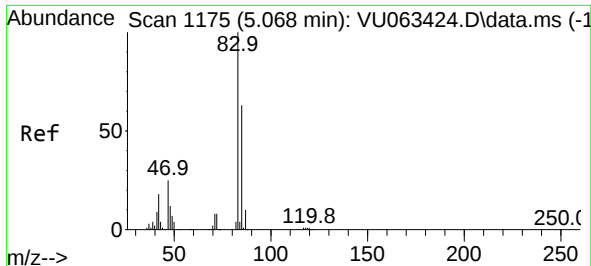
Tgt Ion: 73 Resp: 34747
Ion Ratio Lower Upper
73 100
43 18.9 15.1 22.7



#26
Bromochloromethane
Concen: 0.976 ug/l
RT: 4.962 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VU063421.D
Acq: 23 Jun 2025 10:34

Tgt Ion: 128 Resp: 6202
Ion Ratio Lower Upper
128 100
49 212.7 0.0 441.2
130 130.1 102.3 153.5





#27

Chloroform

Concen: 0.995 ug/l

RT: 5.071 min Scan# 1176

Delta R.T. 0.003 min

Lab File: VU063421.D

Acq: 23 Jun 2025 10:34

Instrument :

MSVOA_U

ClientSampleId :

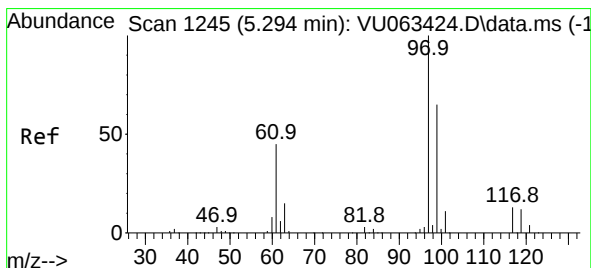
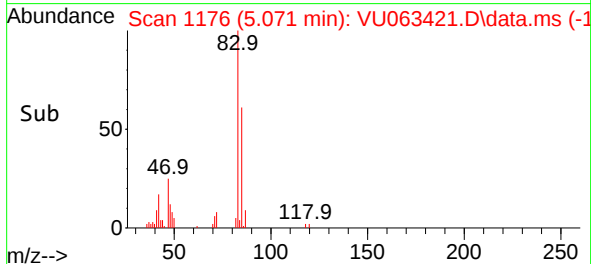
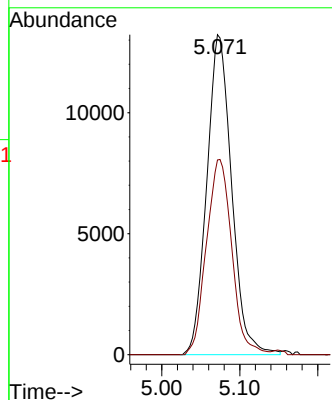
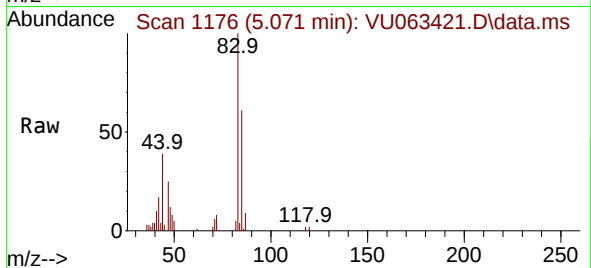
VSTDIC001

Tgt Ion: 83 Resp: 29297

Ion Ratio Lower Upper

83 100

85 60.9 0.0 126.8



#28

1,1,1-Trichloroethane

Concen: 0.999 ug/l

RT: 5.300 min Scan# 1247

Delta R.T. 0.006 min

Lab File: VU063421.D

Acq: 23 Jun 2025 10:34

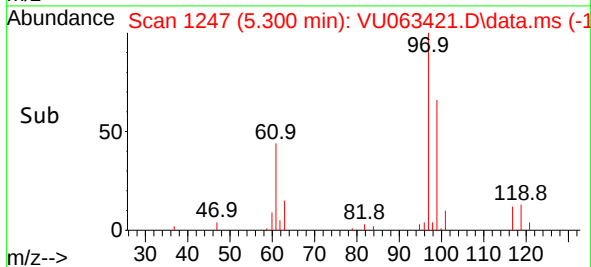
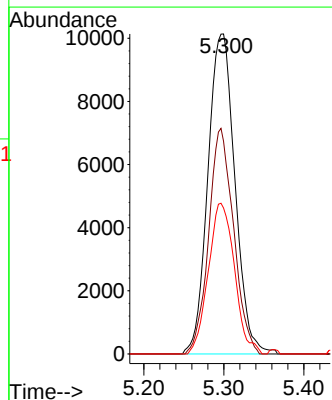
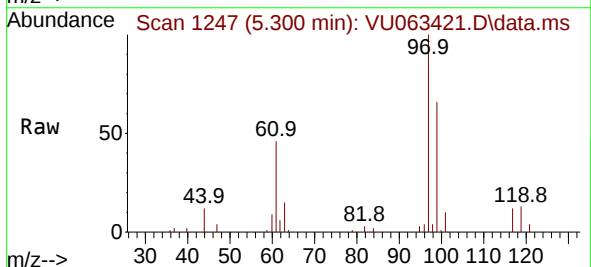
Tgt Ion: 97 Resp: 23844

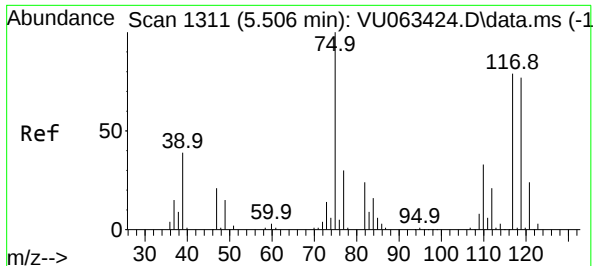
Ion Ratio Lower Upper

97 100

99 64.8 31.9 95.5

61 45.5 22.9 68.7

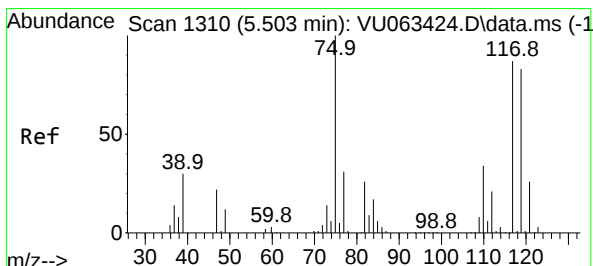
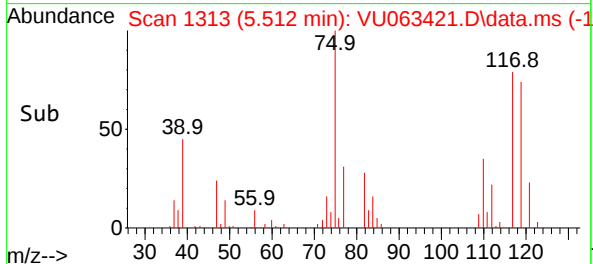
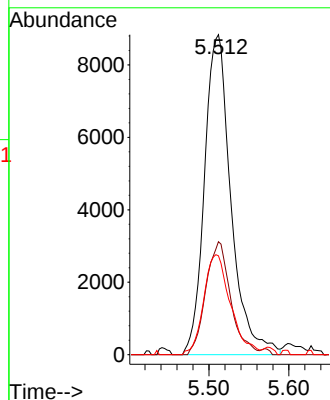
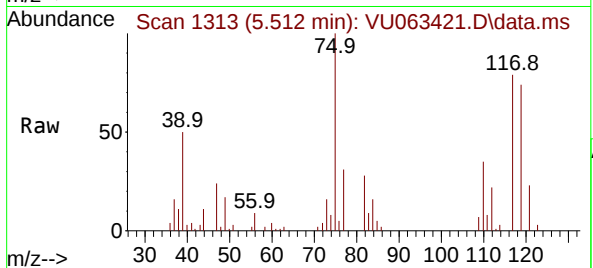




#29
1,1-Dichloropropene
Concen: 0.935 ug/l
RT: 5.512 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU063421.D
Acq: 23 Jun 2025 10:34

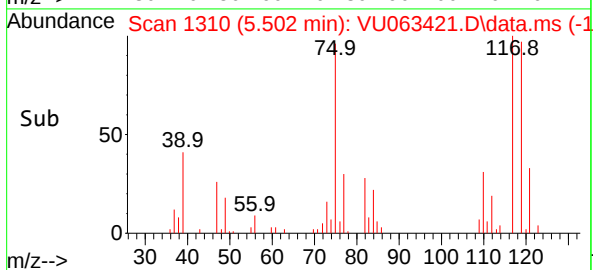
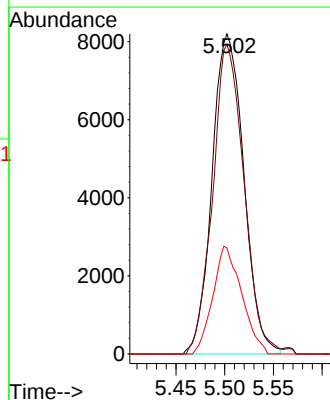
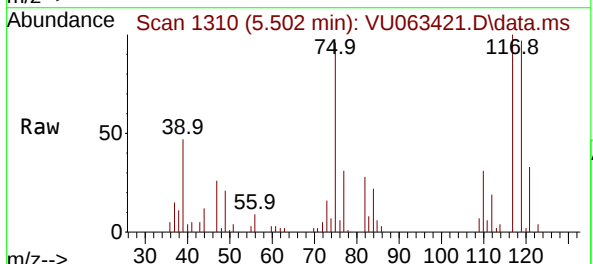
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

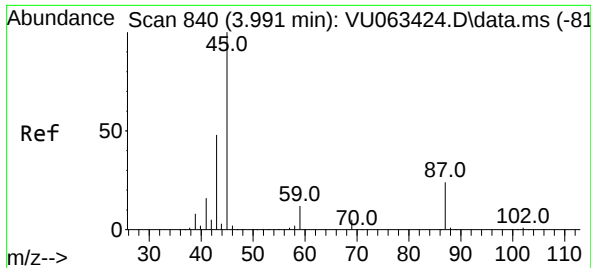
Tgt Ion: 75 Resp: 20379
Ion Ratio Lower Upper
75 100
110 33.1 17.4 52.2
77 31.5 25.4 38.0



#30
Carbon Tetrachloride
Concen: 0.974 ug/l
RT: 5.502 min Scan# 1310
Delta R.T. -0.000 min
Lab File: VU063421.D
Acq: 23 Jun 2025 10:34

Tgt Ion: 117 Resp: 18574
Ion Ratio Lower Upper
117 100
119 96.7 76.7 115.1
121 33.1 24.3 36.5

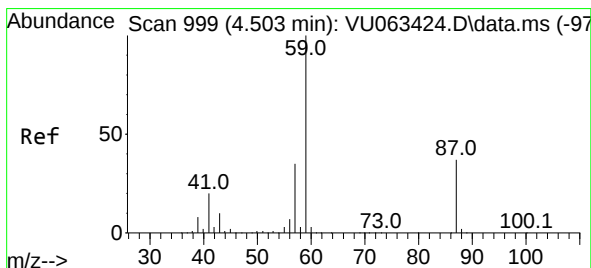
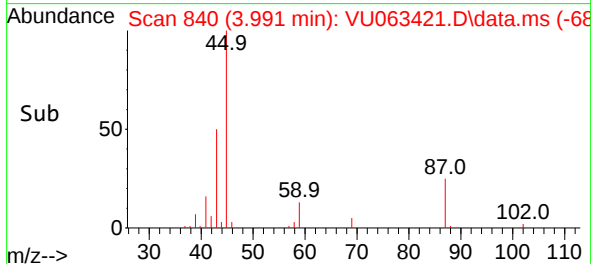
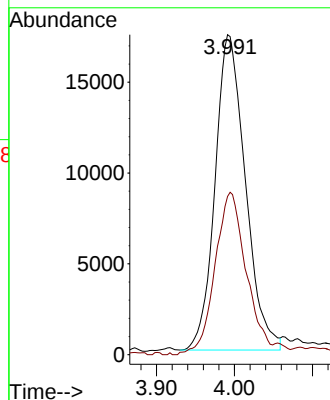
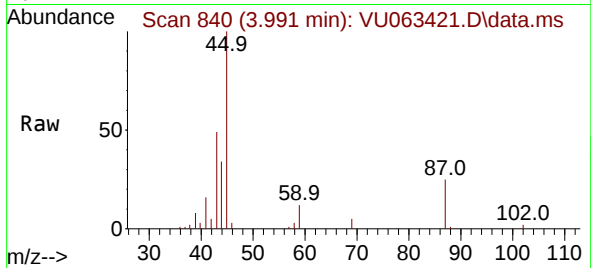




#31
Isopropyl Ether
Concen: 0.951 ug/l
RT: 3.991 min Scan# 840
Delta R.T. -0.000 min
Lab File: VU063421.D
Acq: 23 Jun 2025 10:34

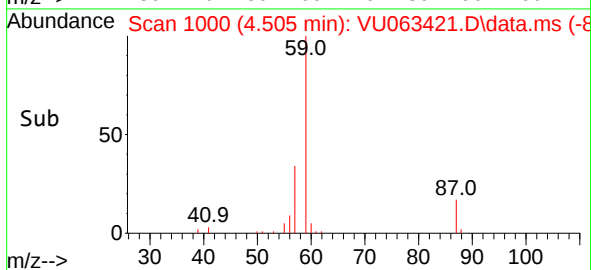
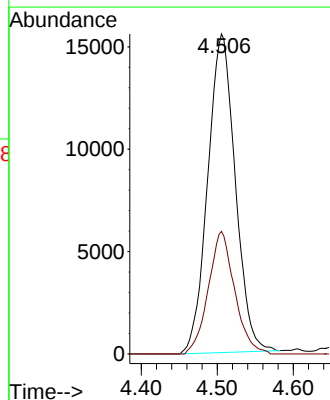
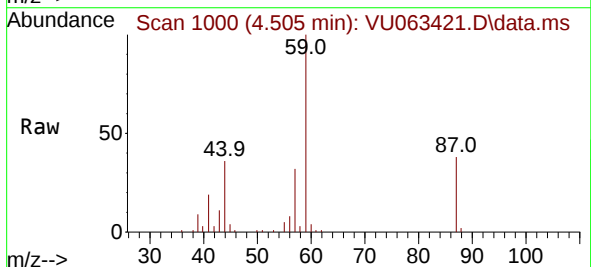
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Tgt Ion: 45 Resp: 46937
Ion Ratio Lower Upper
45 100
43 52.9 23.8 71.5



#32
Ethyl-t-butyl ether
Concen: 0.941 ug/l
RT: 4.505 min Scan# 1000
Delta R.T. 0.002 min
Lab File: VU063421.D
Acq: 23 Jun 2025 10:34

Tgt Ion: 59 Resp: 39119
Ion Ratio Lower Upper
59 100
87 36.8 29.9 44.9

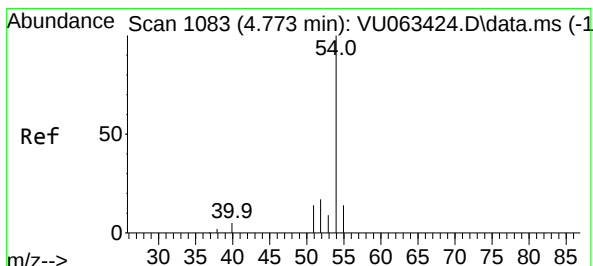
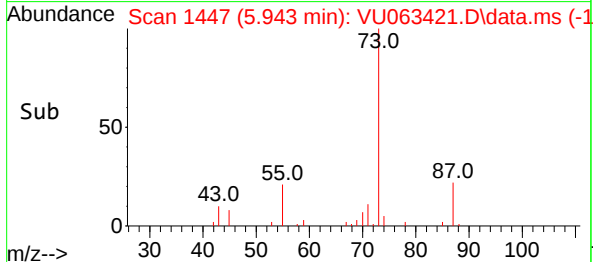
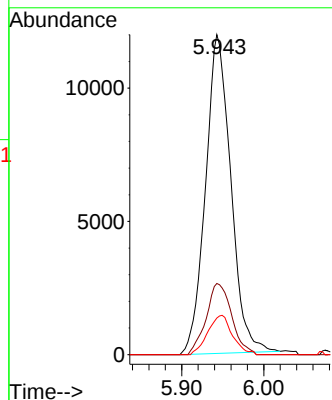
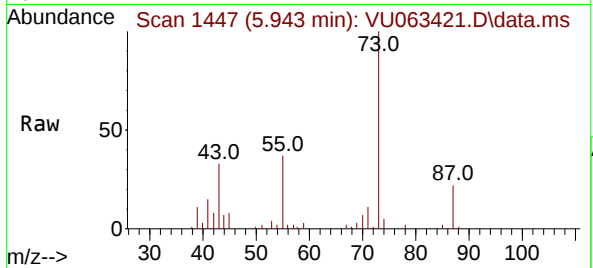




#33
Tert-Amyl methyl ether
Concen: 0.862 ug/l
RT: 5.943 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VU063421.D
Acq: 23 Jun 2025 10:34

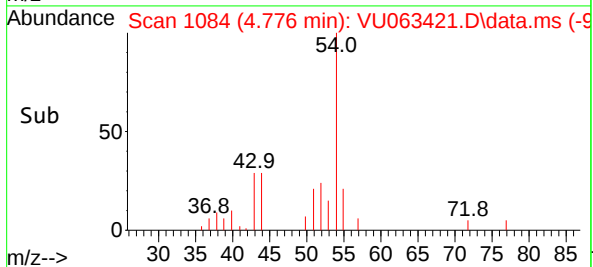
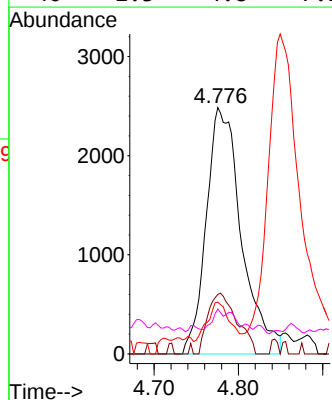
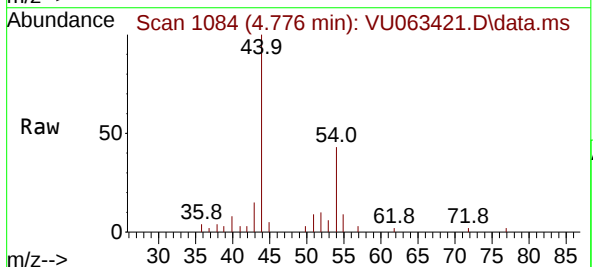
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

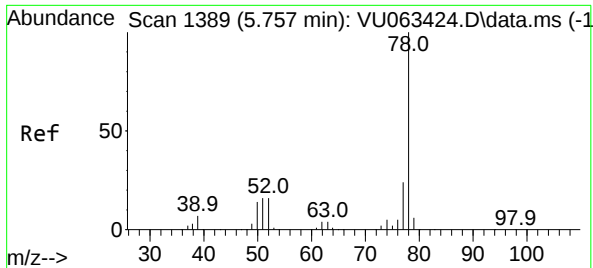
Tgt Ion: 73	Resp: 25607
Ion Ratio	Lower Upper
73 100	
87 22.5	18.1 27.1
71 12.0	10.0 15.0



#34
Propionitrile
Concen: 4.643 ug/l
RT: 4.776 min Scan# 1084
Delta R.T. 0.003 min
Lab File: VU063421.D
Acq: 23 Jun 2025 10:34

Tgt	Ion: 54	Resp:	7198
Ion	Ratio	Lower	Upper
54	100		
52	20.3	14.8	22.2
55	9.9	12.2	18.2#
40	2.3	4.8	7.2#

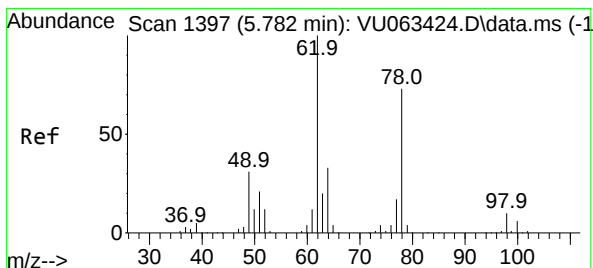
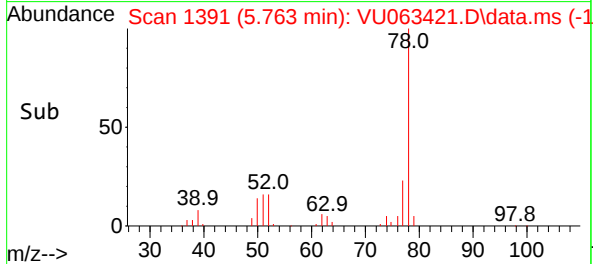
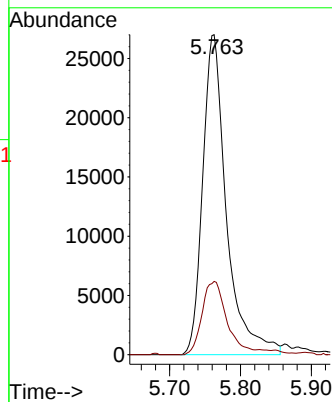
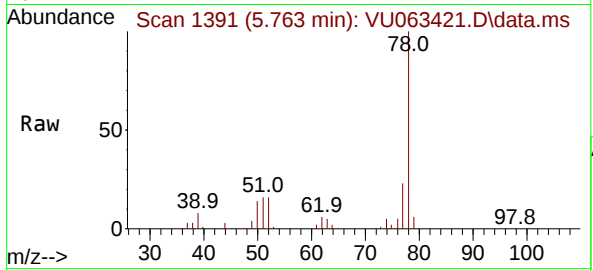




#35
Benzene
Concen: 0.953 ug/l
RT: 5.763 min Scan# 1391
Delta R.T. 0.006 min
Lab File: VU063421.D
Acq: 23 Jun 2025 10:34

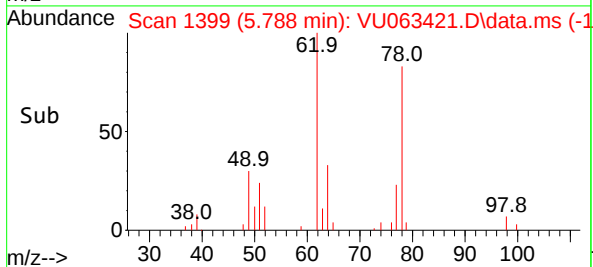
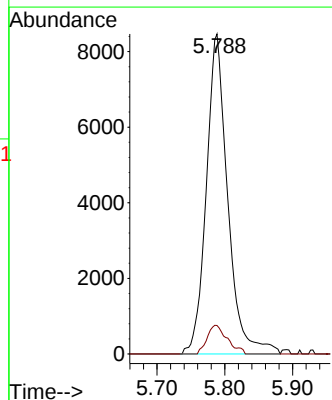
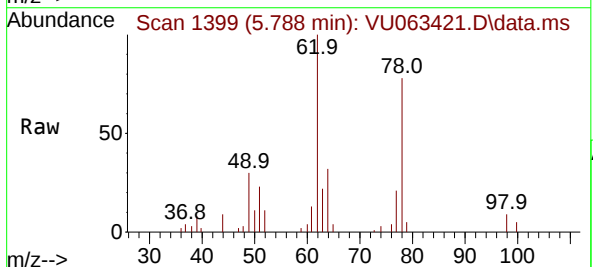
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

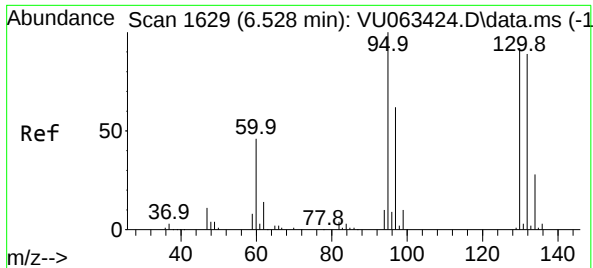
Tgt Ion: 78 Resp: 62845
Ion Ratio Lower Upper
78 100
77 22.9 19.4 29.2



#36
1,2-Dichloroethane
Concen: 0.964 ug/l
RT: 5.788 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VU063421.D
Acq: 23 Jun 2025 10:34

Tgt Ion: 62 Resp: 18585
Ion Ratio Lower Upper
62 100
98 8.4 7.1 10.7





#37

Trichloroethene

Concen: 0.964 ug/l

RT: 6.531 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063421.D

Acq: 23 Jun 2025 10:34

Instrument :

MSVOA_U

ClientSampleId :

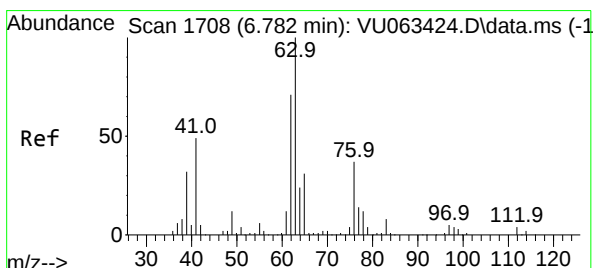
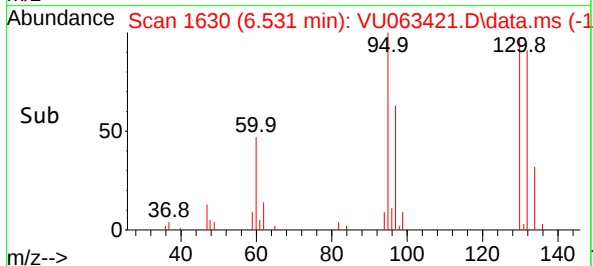
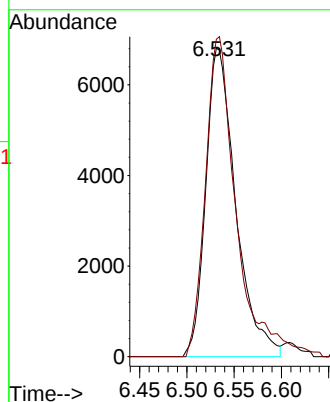
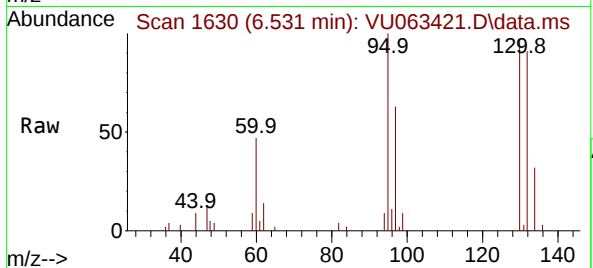
VSTDIC001

Tgt Ion:130 Resp: 15019

Ion Ratio Lower Upper

130 100

95 102.9 87.2 130.8



#38

1,2-Dichloropropane

Concen: 0.946 ug/l

RT: 6.785 min Scan# 1709

Delta R.T. 0.003 min

Lab File: VU063421.D

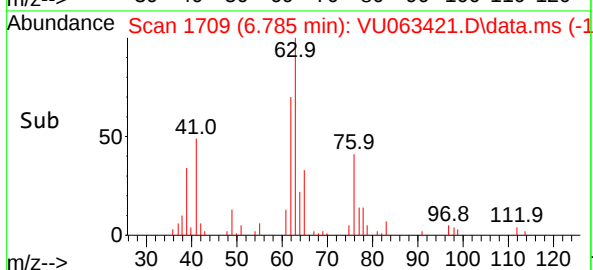
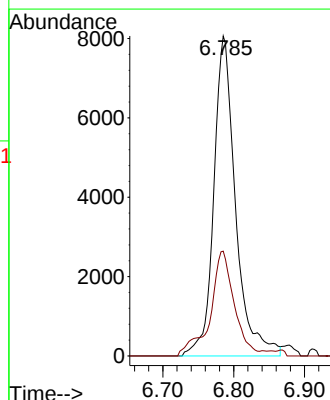
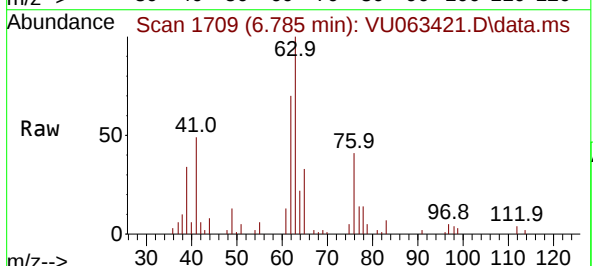
Acq: 23 Jun 2025 10:34

Tgt Ion: 63 Resp: 17241

Ion Ratio Lower Upper

63 100

65 31.2 25.0 37.6





#39

Methacrylonitrile

Concen: 0.923 ug/l

RT: 4.975 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VU063421.D

Acq: 23 Jun 2025 10:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

Tgt Ion: 41 Resp: 5952

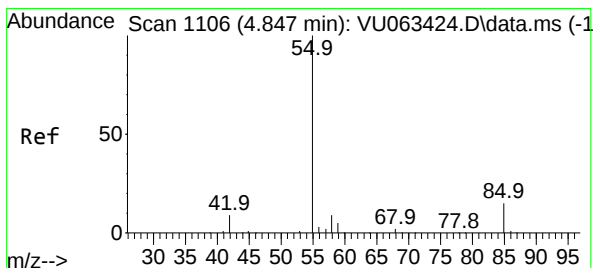
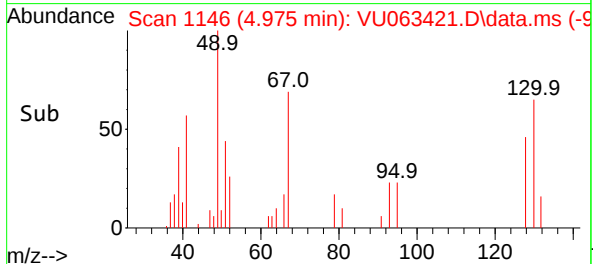
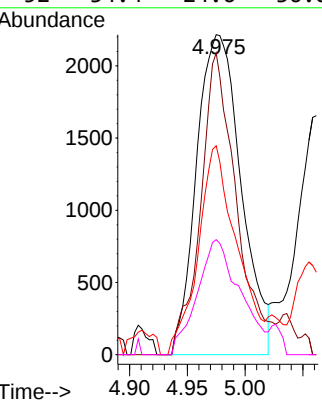
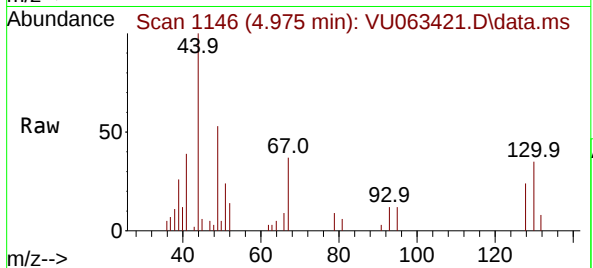
Ion Ratio Lower Upper

41 100

67 76.4 59.8 89.8

39 56.7 40.7 61.1

52 34.4 24.6 36.8



#40

Methyl acrylate

Concen: 0.830 ug/l

RT: 4.850 min Scan# 1107

Delta R.T. 0.003 min

Lab File: VU063421.D

Acq: 23 Jun 2025 10:34

Tgt Ion: 55 Resp: 7532

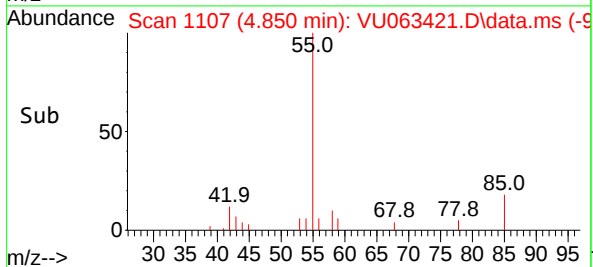
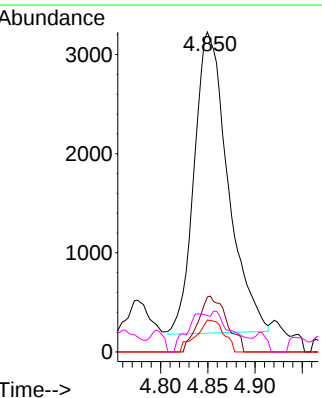
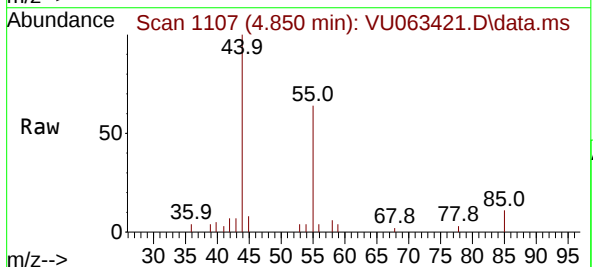
Ion Ratio Lower Upper

55 100

85 15.8 12.6 19.0

58 8.7 6.9 10.3

42 8.8 7.1 10.7





#41

Tetrahydrofuran

Concen: 1.870 ug/l

RT: 5.065 min Scan# 1172

Delta R.T. 0.006 min

Lab File: VU063421.D

Acq: 23 Jun 2025 10:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

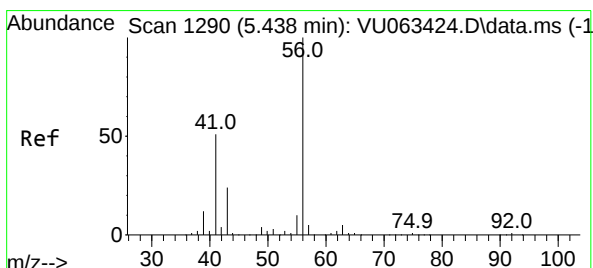
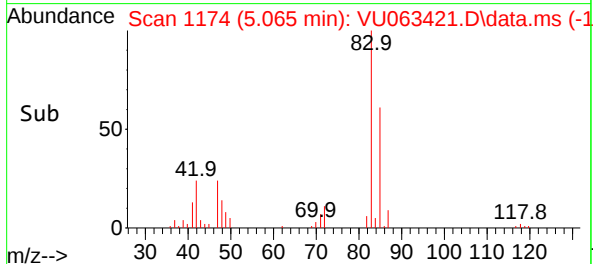
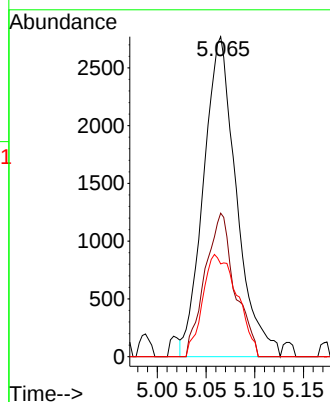
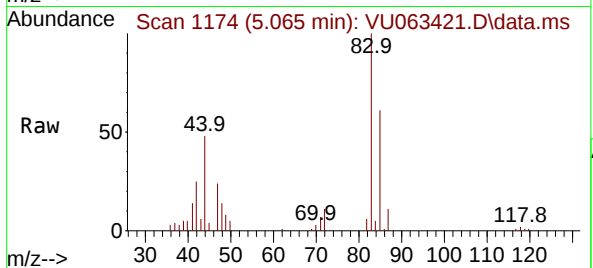
Tgt Ion: 42 Resp: 6490

Ion Ratio Lower Upper

42 100

72 40.8 35.4 53.2

71 33.4 31.4 47.0



#42

1-Chlorobutane

Concen: 0.836 ug/l

RT: 5.441 min Scan# 1291

Delta R.T. 0.003 min

Lab File: VU063421.D

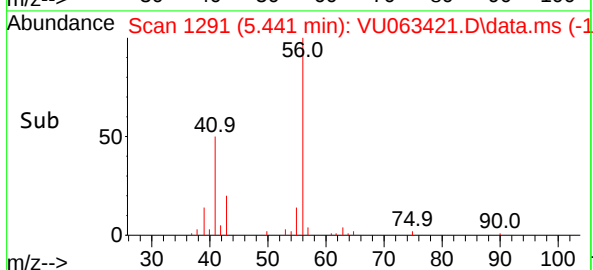
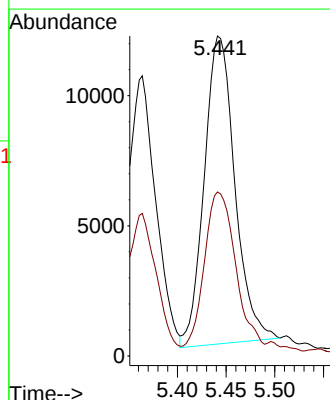
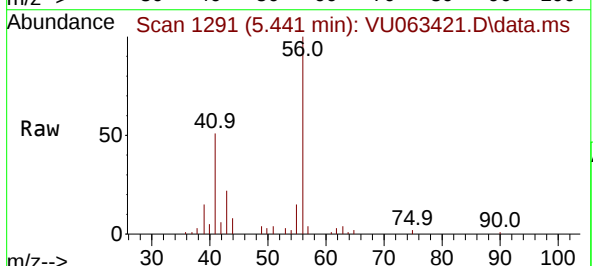
Acq: 23 Jun 2025 10:34

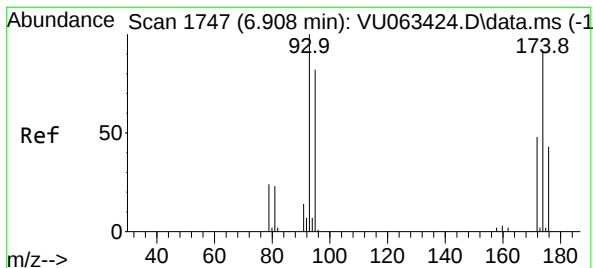
Tgt Ion: 56 Resp: 25872

Ion Ratio Lower Upper

56 100

41 51.1 26.4 79.0





#43

Dibromomethane

Concen: 0.917 ug/l

RT: 6.911 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063421.D

Acq: 23 Jun 2025 10:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

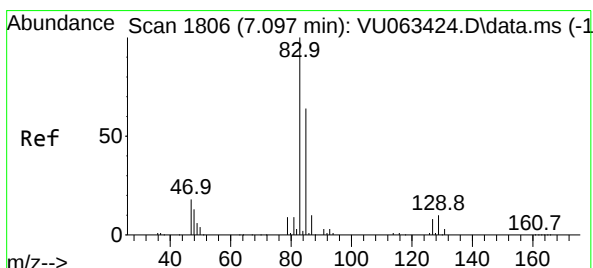
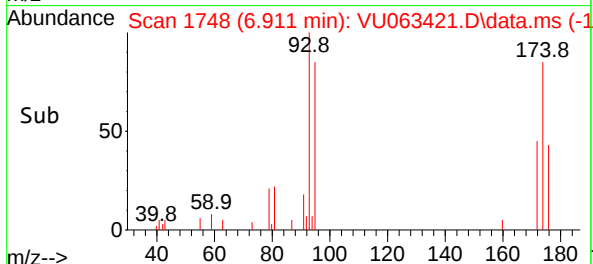
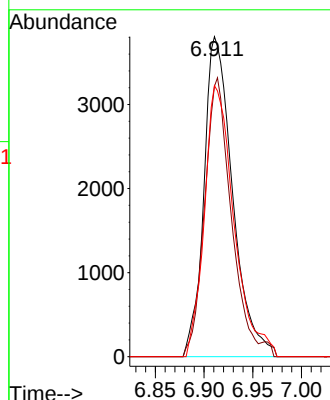
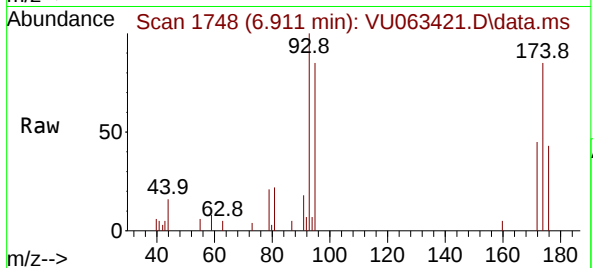
Tgt Ion: 93 Resp: 7800

Ion Ratio Lower Upper

93 100

95 80.4 66.7 100.1

174 87.3 71.1 106.7



#44

Bromodichloromethane

Concen: 0.962 ug/l

RT: 7.100 min Scan# 1807

Delta R.T. 0.003 min

Lab File: VU063421.D

Acq: 23 Jun 2025 10:34

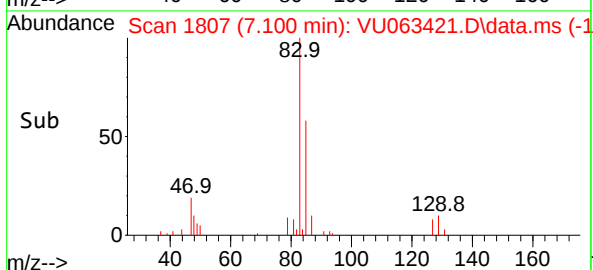
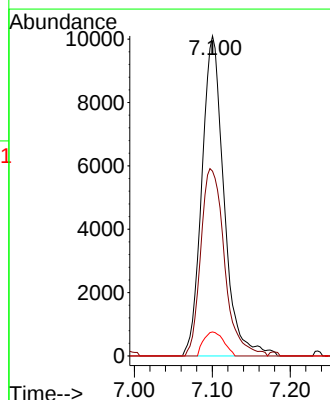
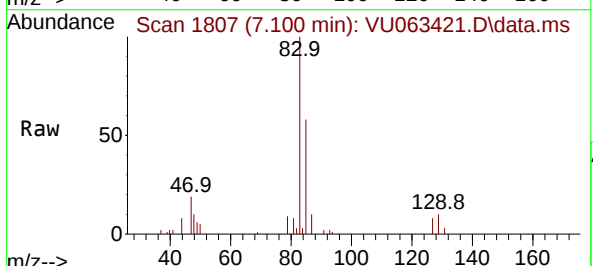
Tgt Ion: 83 Resp: 19937

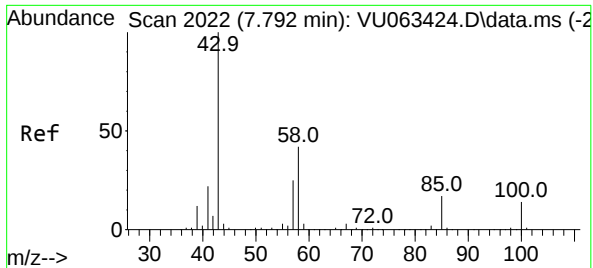
Ion Ratio Lower Upper

83 100

85 57.8 51.4 77.2

127 7.5 6.6 10.0





#45

4-Methyl-2-Pentanone

Concen: 4.081 ug/l

RT: 7.798 min Scan# 2024

Delta R.T. 0.006 min

Lab File: VU063421.D

Acq: 23 Jun 2025 10:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

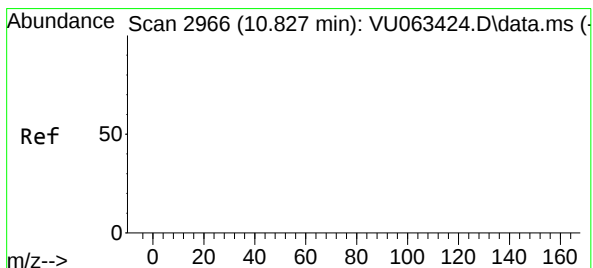
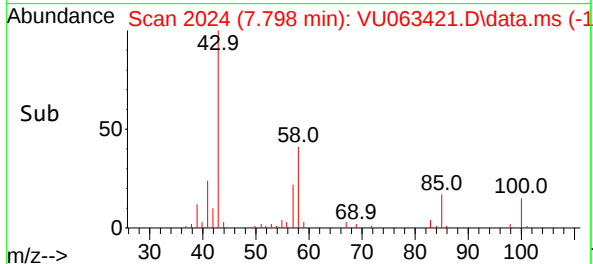
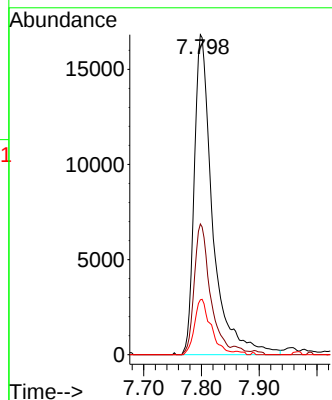
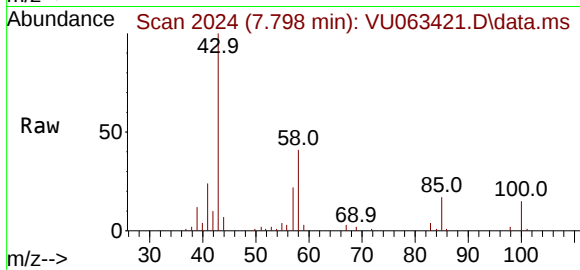
Tgt Ion: 43 Resp: 37282

Ion Ratio Lower Upper

43 100

58 35.5 20.5 61.6

85 15.5 14.2 21.2



#46

t-1,4-Dichloro-2-butene

Concen: 5.161 ug/l

RT: 10.817 min Scan# 2963

Delta R.T. -0.010 min

Lab File: VU063421.D

Acq: 23 Jun 2025 10:34

Tgt Ion: 75 Resp: 15051

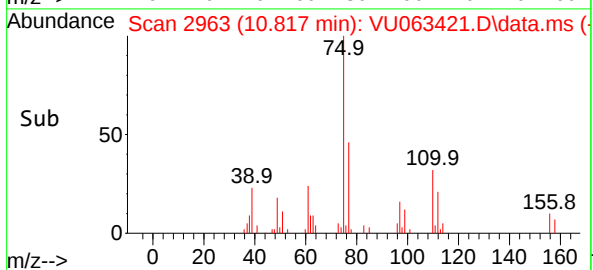
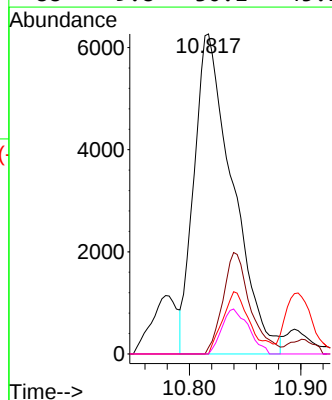
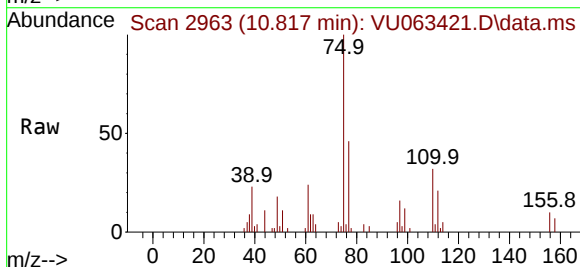
Ion Ratio Lower Upper

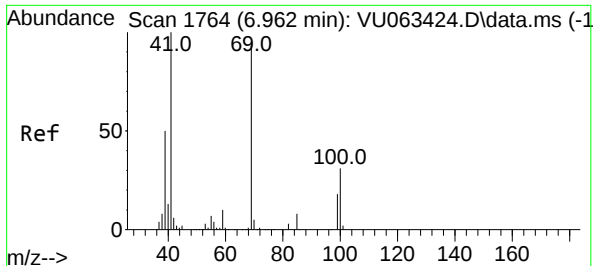
75 100

53 22.6 61.4 92.2#

89 13.9 39.2 58.8#

88 9.8 30.1 45.1#





#47

Methyl methacrylate

Concen: 2.101 ug/l

RT: 6.972 min Scan# 1

Delta R.T. 0.010 min

Lab File: VU063421.D

Acq: 23 Jun 2025 10:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion: 69 Resp: 10083

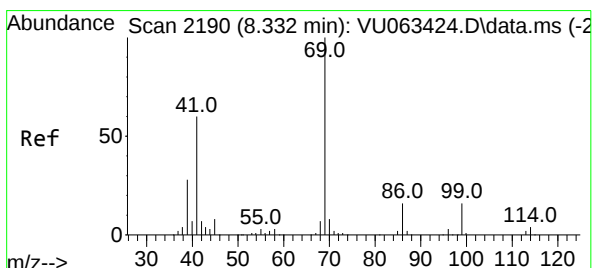
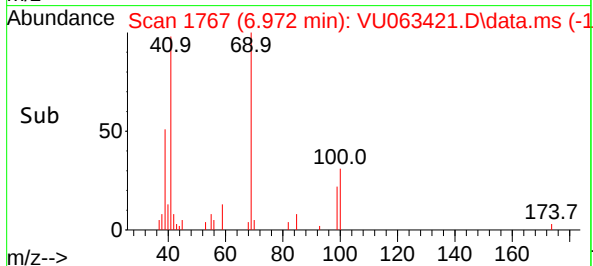
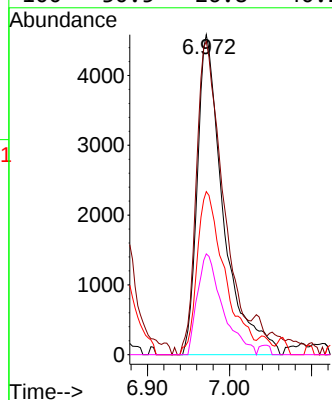
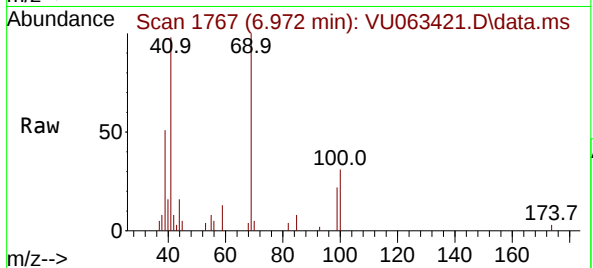
Ion Ratio Lower Upper

69 100

41 101.2 0.0 212.6

39 54.7 40.6 61.0

100 30.5 26.8 40.2



#48

Ethyl methacrylate

Concen: 0.973 ug/l

RT: 8.338 min Scan# 2192

Delta R.T. 0.006 min

Lab File: VU063421.D

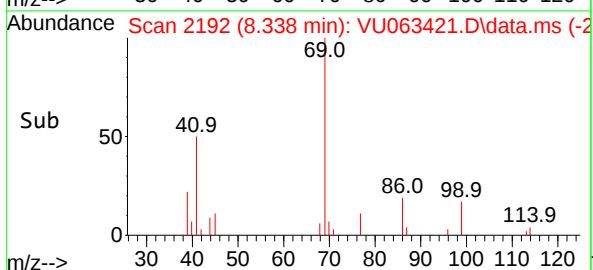
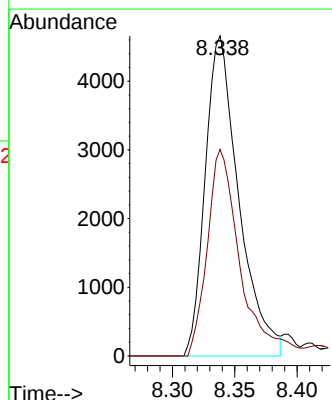
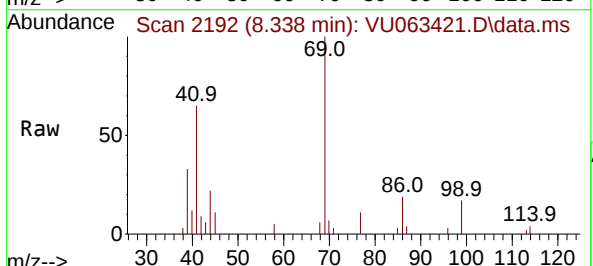
Acq: 23 Jun 2025 10:34

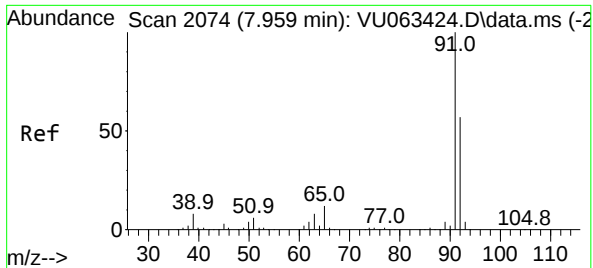
Tgt Ion: 69 Resp: 8728

Ion Ratio Lower Upper

69 100

41 63.1 30.6 92.0





#49

Toluene

Concen: 0.853 ug/l

RT: 7.962 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU063421.D

Acq: 23 Jun 2025 10:34

Instrument :

MSVOA_U

ClientSampleId :

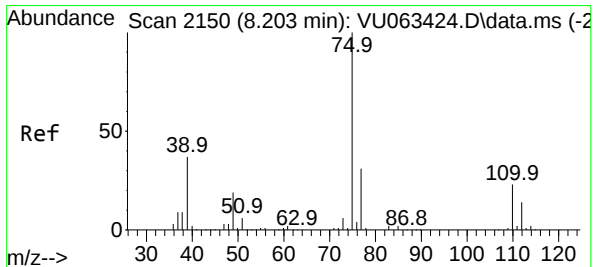
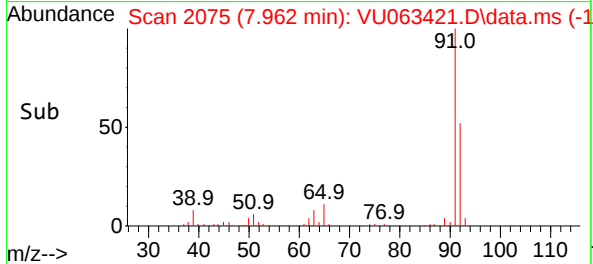
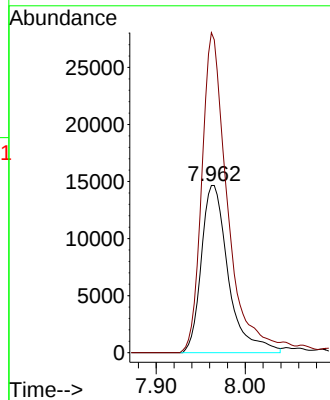
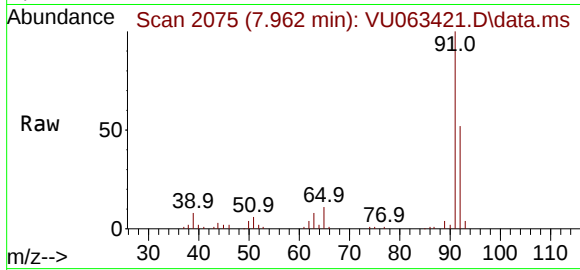
VSTDIC001

Tgt Ion: 92 Resp: 30905

Ion Ratio Lower Upper

92 100

91 183.2 142.0 213.0



#50

t-1,3-Dichloropropene

Concen: 0.846 ug/l

RT: 8.210 min Scan# 2152

Delta R.T. 0.007 min

Lab File: VU063421.D

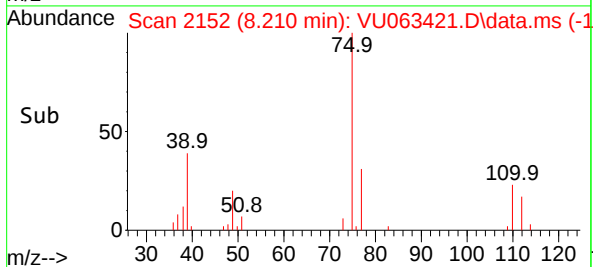
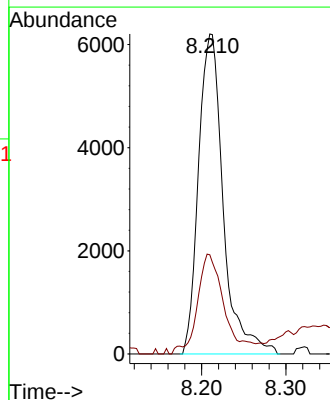
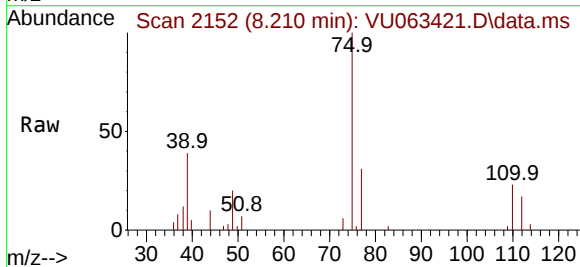
Acq: 23 Jun 2025 10:34

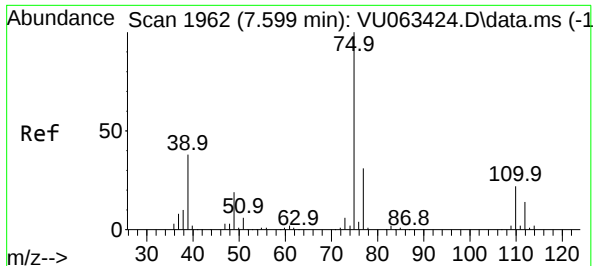
Tgt Ion: 75 Resp: 12646

Ion Ratio Lower Upper

75 100

77 28.6 24.5 36.7

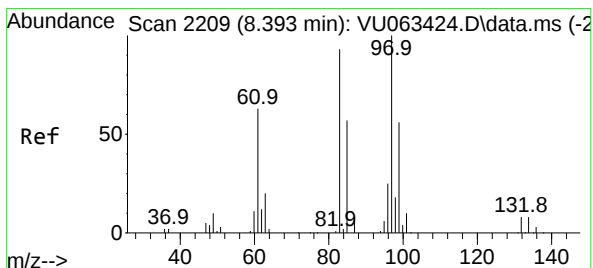
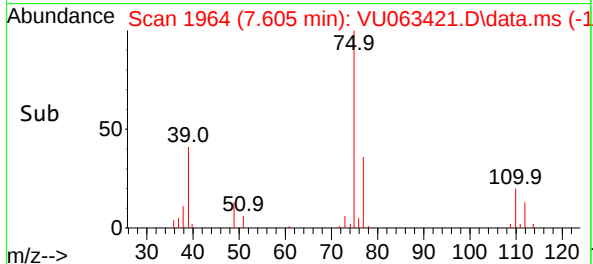
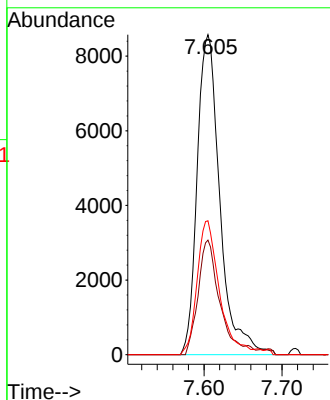
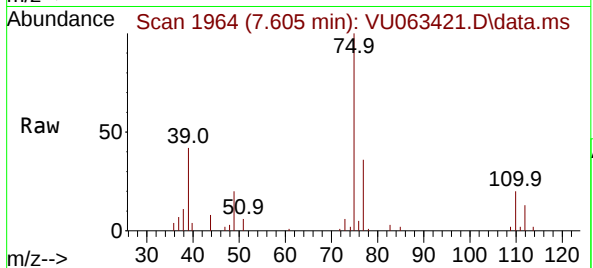




#51
 cis-1,3-Dichloropropene
 Concen: 0.865 ug/l
 RT: 7.605 min Scan# 1964
 Delta R.T. 0.006 min
 Lab File: VU063421.D
 Acq: 23 Jun 2025 10:34

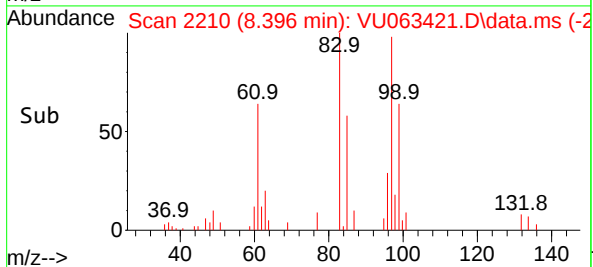
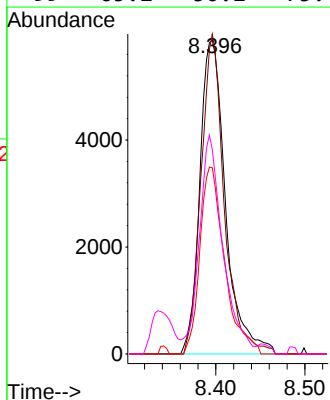
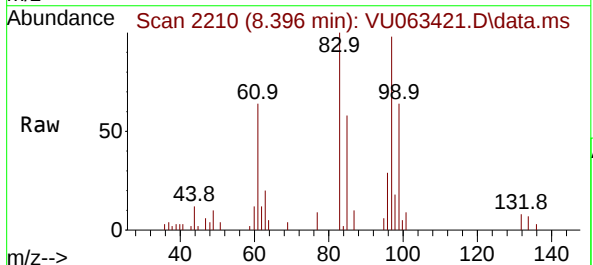
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

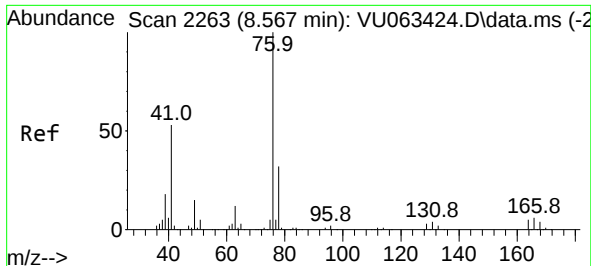
Tgt Ion: 75 Resp: 17373
 Ion Ratio Lower Upper
 75 100
 77 35.8 24.8 37.2
 39 41.8 30.7 46.1



#52
 1,1,2-Trichloroethane
 Concen: 0.943 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. 0.003 min
 Lab File: VU063421.D
 Acq: 23 Jun 2025 10:34

Tgt Ion: 97 Resp: 11731
 Ion Ratio Lower Upper
 97 100
 83 102.0 74.1 111.1
 85 59.4 45.8 68.8
 99 65.2 50.2 75.4





#53

1,3-Dichloropropane

Concen: 0.903 ug/l

RT: 8.573 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU063421.D

Acq: 23 Jun 2025 10:34

Instrument :

MSVOA_U

ClientSampleId :

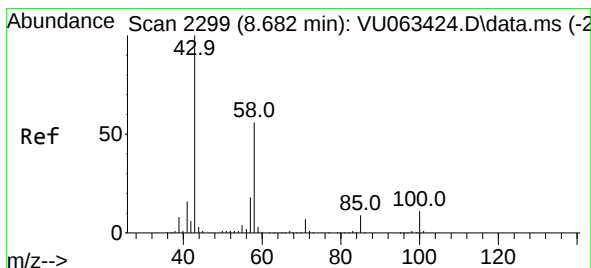
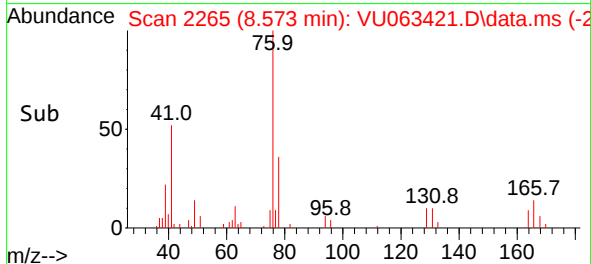
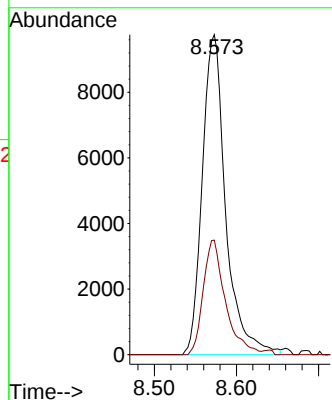
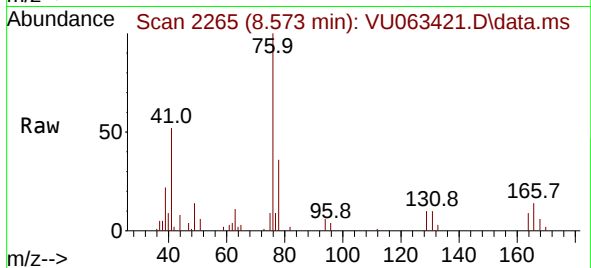
VSTDICC001

Tgt Ion: 76 Resp: 19322

Ion Ratio Lower Upper

76 100

78 34.0 25.7 38.5



#54

2-Hexanone

Concen: 4.397 ug/l

RT: 8.698 min Scan# 2304

Delta R.T. 0.016 min

Lab File: VU063421.D

Acq: 23 Jun 2025 10:34

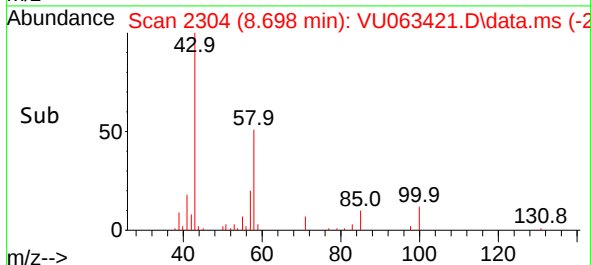
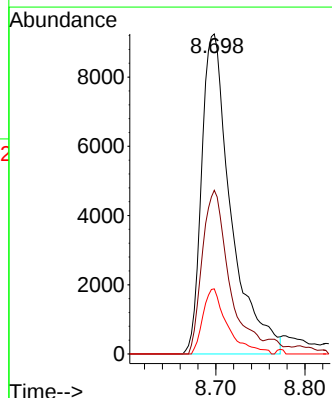
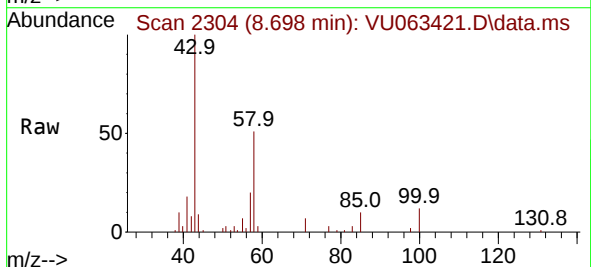
Tgt Ion: 43 Resp: 21141

Ion Ratio Lower Upper

43 100

58 47.2 36.9 76.9

57 17.1 0.0 38.8

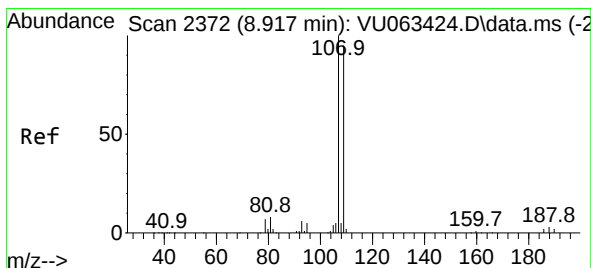
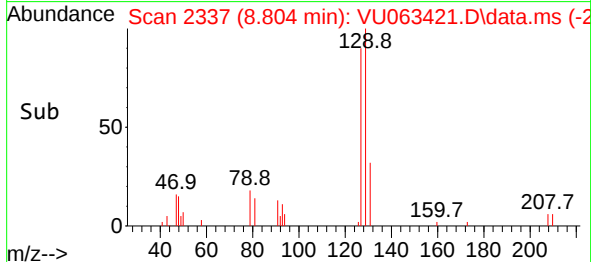
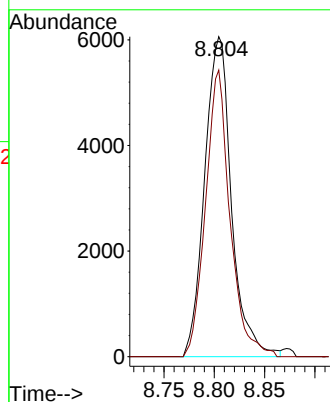
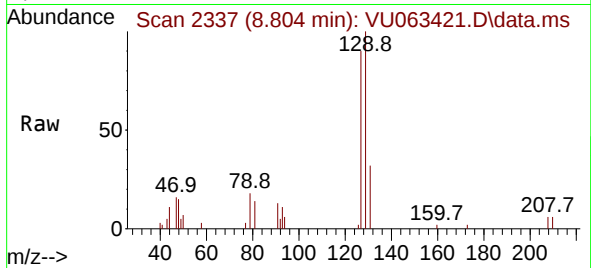




#55
Dibromochloromethane
Concen: 0.876 ug/l
RT: 8.804 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063421.D
Acq: 23 Jun 2025 10:34

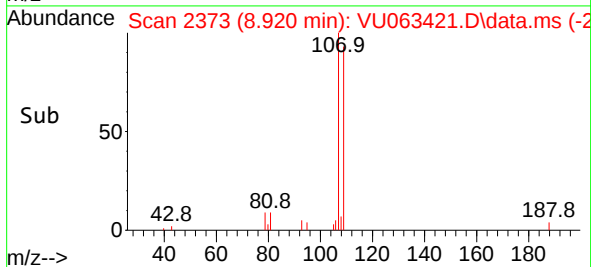
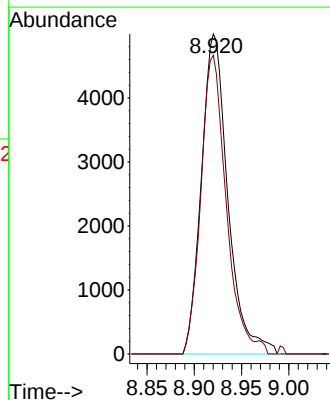
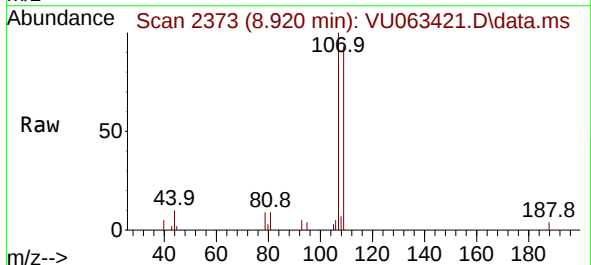
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

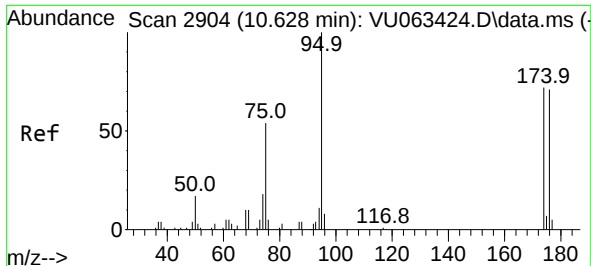
Tgt Ion:129 Resp: 11242
Ion Ratio Lower Upper
129 100
127 81.7 62.6 93.8



#56
1,2-Dibromoethane
Concen: 0.967 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.003 min
Lab File: VU063421.D
Acq: 23 Jun 2025 10:34

Tgt Ion:107 Resp: 9751
Ion Ratio Lower Upper
107 100
109 89.5 0.0 188.0

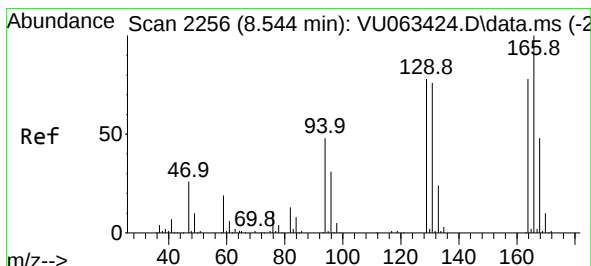
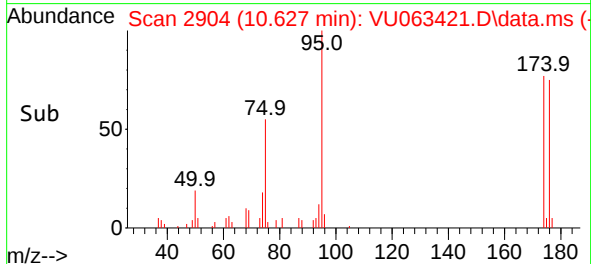
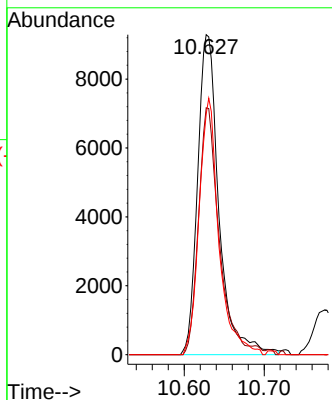
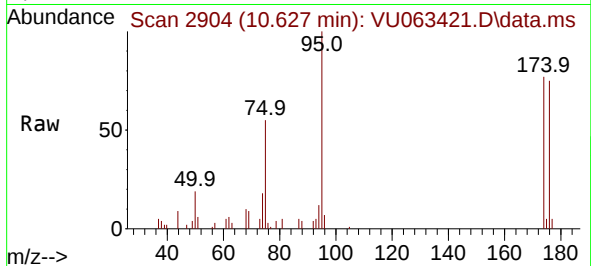




#57
4-Bromofluorobenzene
Concen: 0.928 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. -0.001 min
Lab File: VU063421.D
Acq: 23 Jun 2025 10:34

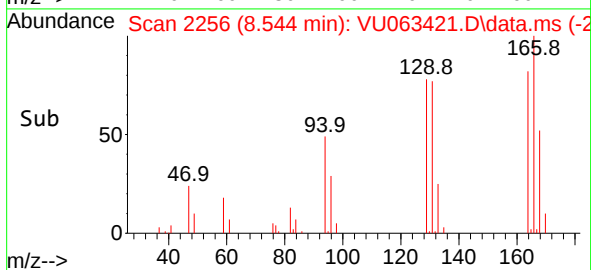
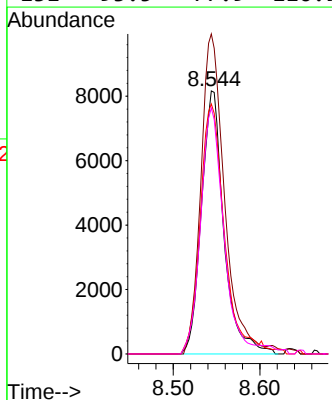
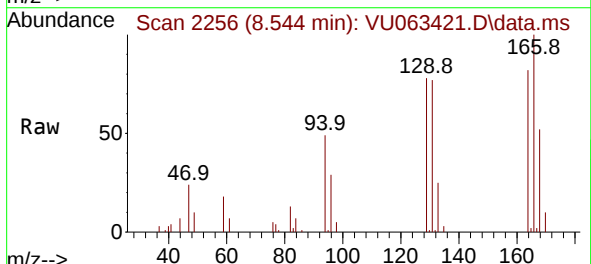
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

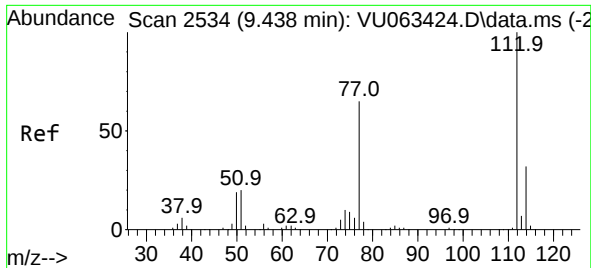
Tgt Ion: 95 Resp: 17242
Ion Ratio Lower Upper
95 100
174 75.5 59.4 89.2
176 74.1 57.8 86.6



#58
Tetrachloroethene
Concen: 0.960 ug/l
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU063421.D
Acq: 23 Jun 2025 10:34

Tgt Ion: 164 Resp: 14681
Ion Ratio Lower Upper
164 100
166 121.7 102.8 154.2
129 95.1 80.2 120.2
131 93.5 77.9 116.9





#59

Chlorobenzene

Concen: 0.899 ug/l

RT: 9.441 min Scan# 2535

Delta R.T. 0.003 min

Lab File: VU063421.D

Acq: 23 Jun 2025 10:34

Instrument :

MSVOA_U

ClientSampleId :

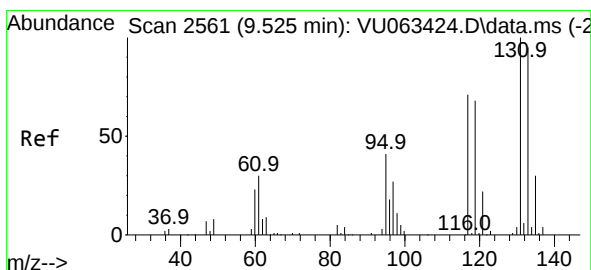
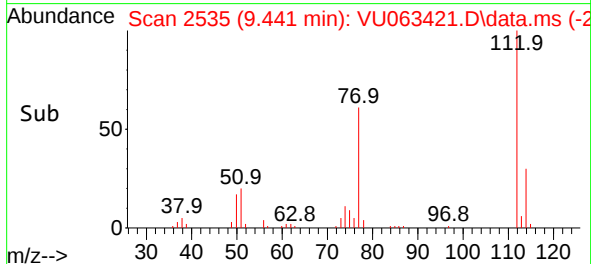
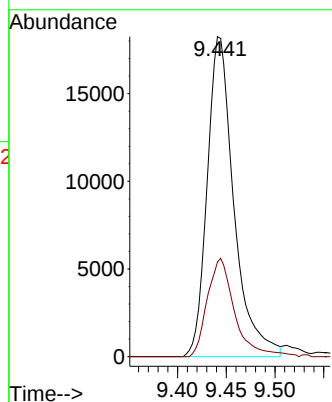
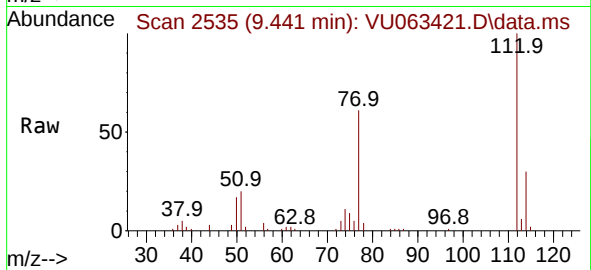
VSTDIC001

Tgt Ion:112 Resp: 34842

Ion Ratio Lower Upper

112 100

114 29.6 25.7 38.5



#60

1,1,1,2-Tetrachloroethane

Concen: 0.954 ug/l

RT: 9.525 min Scan# 2561

Delta R.T. -0.000 min

Lab File: VU063421.D

Acq: 23 Jun 2025 10:34

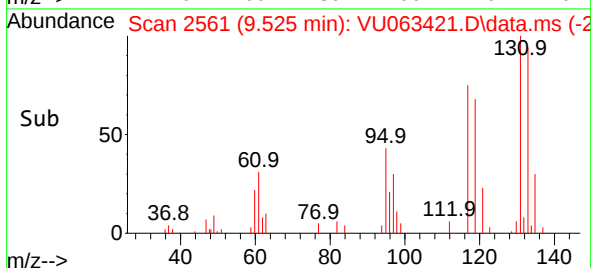
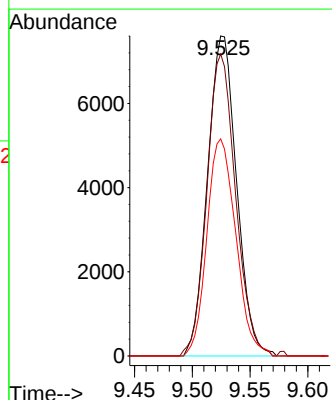
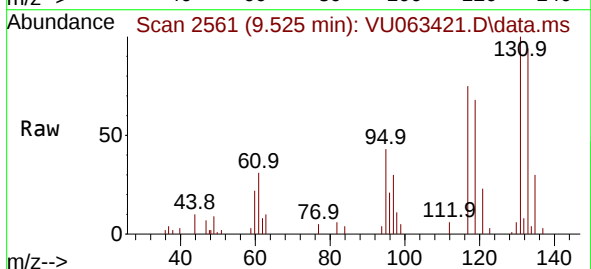
Tgt Ion:131 Resp: 13320

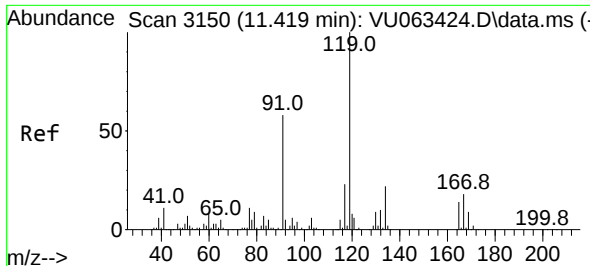
Ion Ratio Lower Upper

131 100

133 93.2 76.1 114.1

119 67.5 53.7 80.5

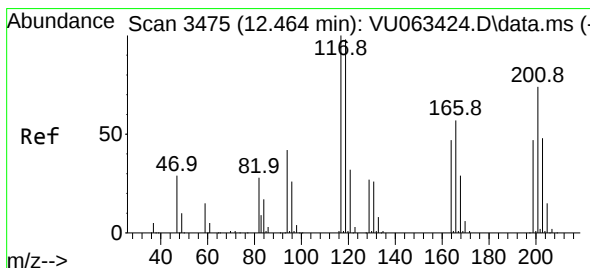
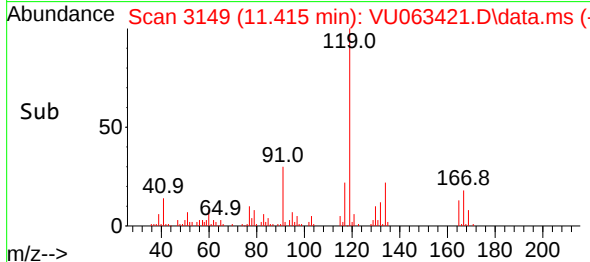
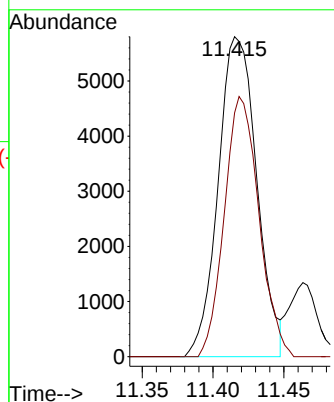
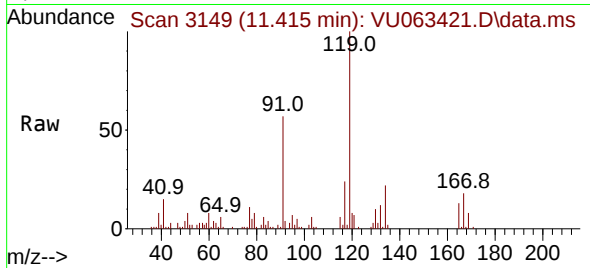




#61
 Pentachloroethane
 Concen: 0.966 ug/l
 RT: 11.415 min Scan# 3150
 Delta R.T. -0.004 min
 Lab File: VU063421.D
 Acq: 23 Jun 2025 10:34

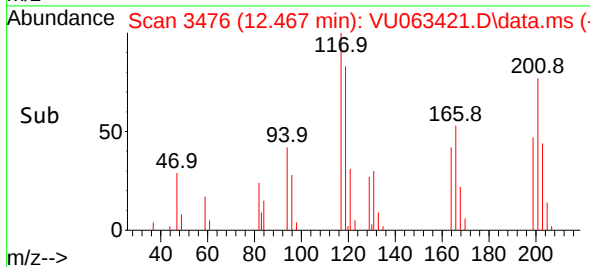
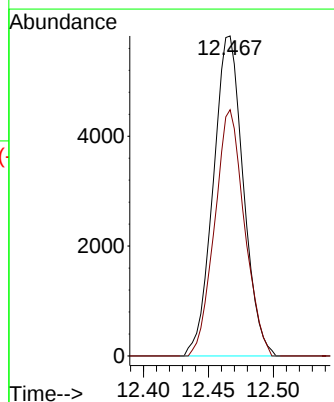
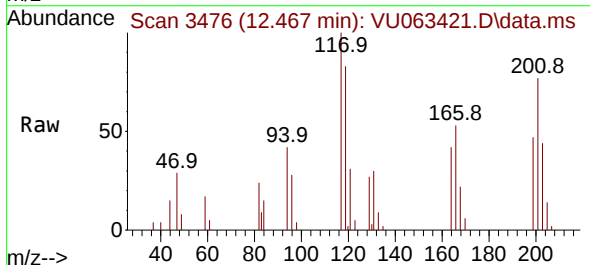
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

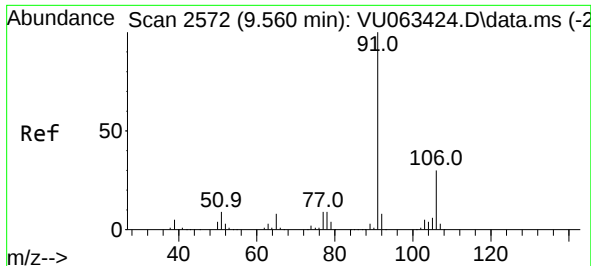
Tgt Ion:117 Resp: 10985
 Ion Ratio Lower Upper
 117 100
 167 72.9 58.1 87.1



#62
 Hexachloroethane
 Concen: 0.917 ug/l
 RT: 12.467 min Scan# 3476
 Delta R.T. 0.003 min
 Lab File: VU063421.D
 Acq: 23 Jun 2025 10:34

Tgt Ion:117 Resp: 9374
 Ion Ratio Lower Upper
 117 100
 201 76.2 60.4 90.6

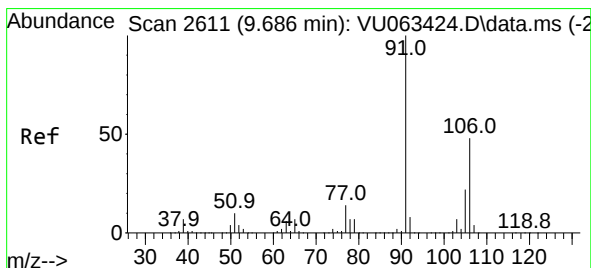
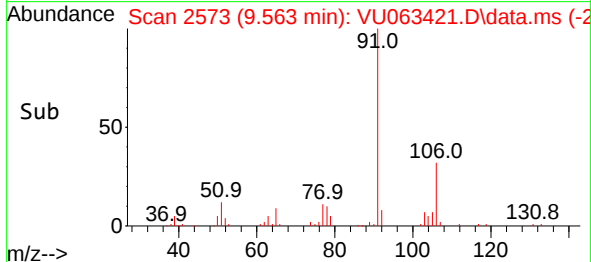
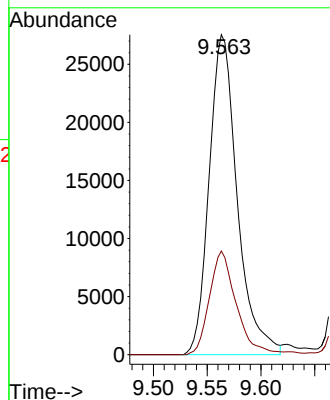
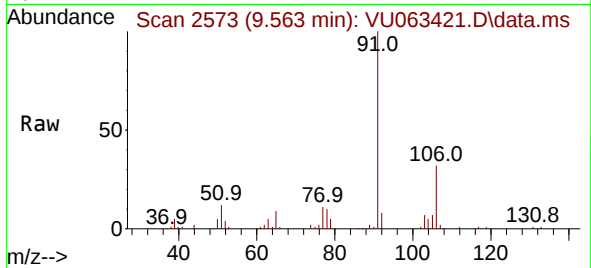




#63
Ethyl Benzene
Concen: 0.806 ug/l
RT: 9.563 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063421.D
Acq: 23 Jun 2025 10:34

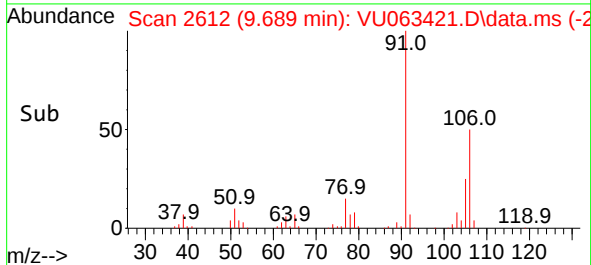
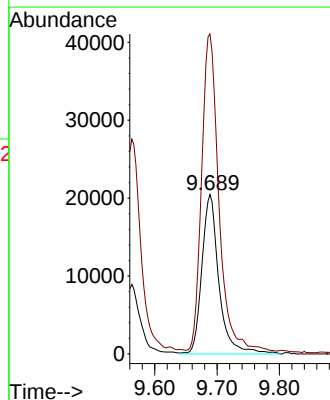
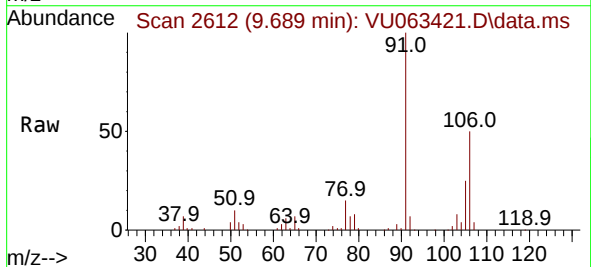
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

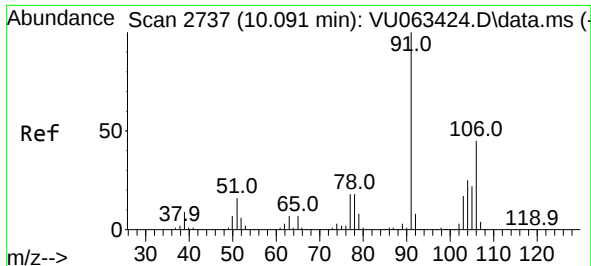
Tgt Ion: 91 Resp: 50087
Ion Ratio Lower Upper
91 100
106 32.4 24.2 36.2



#64
m/p-Xylenes
Concen: 2.060 ug/l
RT: 9.689 min Scan# 2612
Delta R.T. 0.003 min
Lab File: VU063421.D
Acq: 23 Jun 2025 10:34

Tgt Ion: 106 Resp: 38930
Ion Ratio Lower Upper
106 100
91 199.7 169.9 254.9

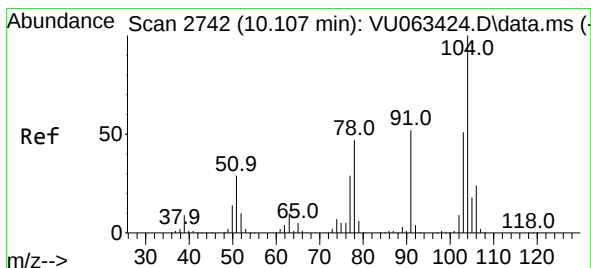
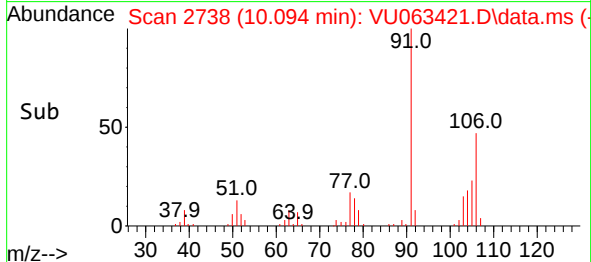
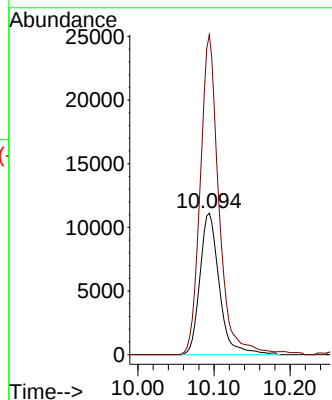
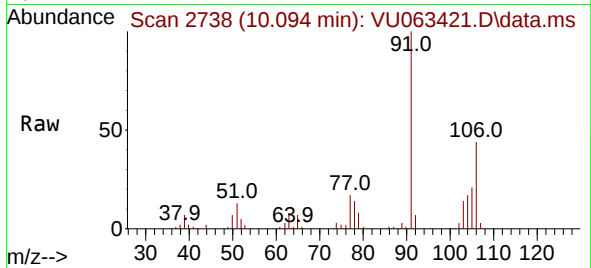




#65
o-Xylene
Concen: 0.836 ug/l
RT: 10.094 min Scan# 2737
Delta R.T. 0.003 min
Lab File: VU063421.D
Acq: 23 Jun 2025 10:34

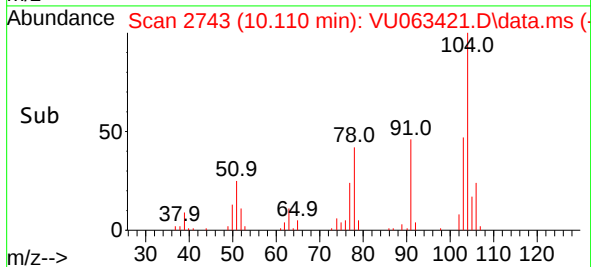
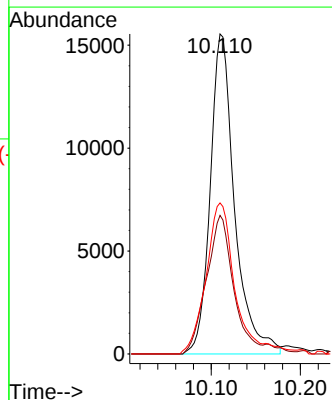
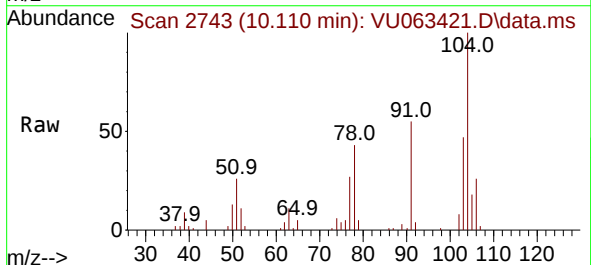
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion:106 Resp: 19731
Ion Ratio Lower Upper
106 100
91 216.7 110.8 332.3



#66
Styrene
Concen: 1.013 ug/l
RT: 10.110 min Scan# 2743
Delta R.T. 0.003 min
Lab File: VU063421.D
Acq: 23 Jun 2025 10:34

Tgt Ion:104 Resp: 29573
Ion Ratio Lower Upper
104 100
78 48.0 41.6 62.4
103 56.3 44.6 67.0





#67

Bromoform

Concen: 0.907 ug/l

RT: 10.283 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063421.D

Acq: 23 Jun 2025 10:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

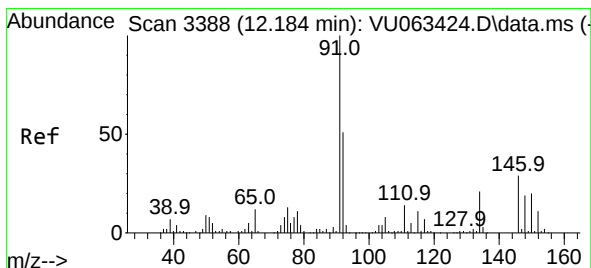
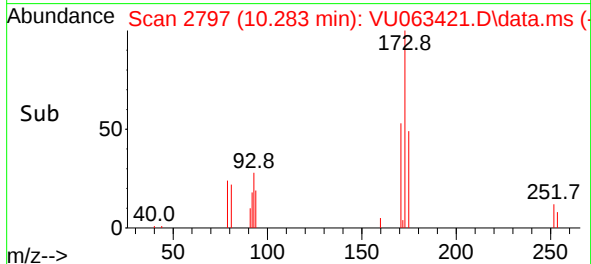
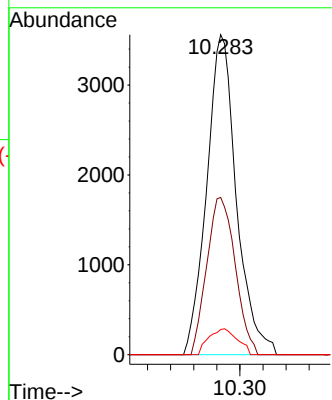
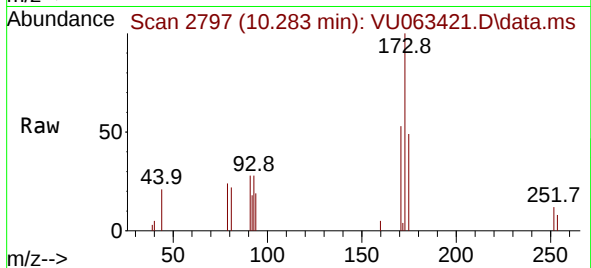
Tgt Ion:173 Resp: 6361

Ion Ratio Lower Upper

173 100

175 46.9 38.2 57.2

254 7.8 7.6 11.4



#68

1,2-Dichlorobenzene-d4

Concen: 0.995 ug/l

RT: 12.187 min Scan# 3389

Delta R.T. 0.003 min

Lab File: VU063421.D

Acq: 23 Jun 2025 10:34

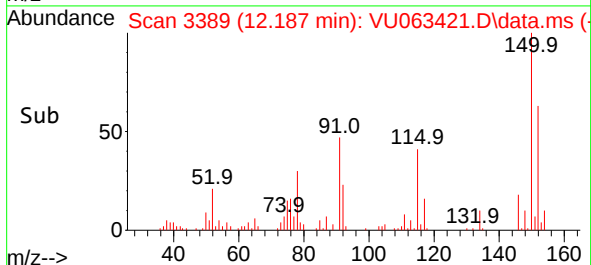
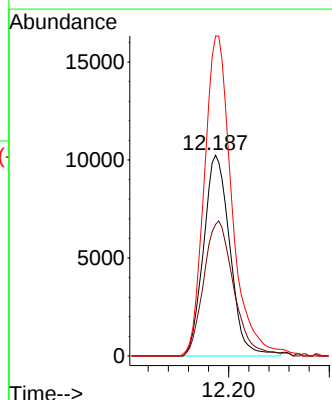
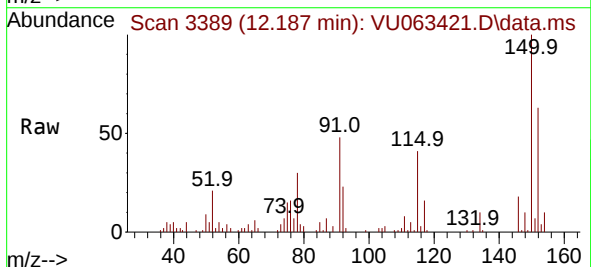
Tgt Ion:152 Resp: 18573

Ion Ratio Lower Upper

152 100

115 77.0 0.0 327.6

150 167.7 0.0 664.4

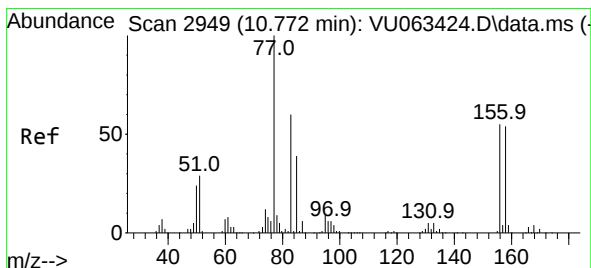
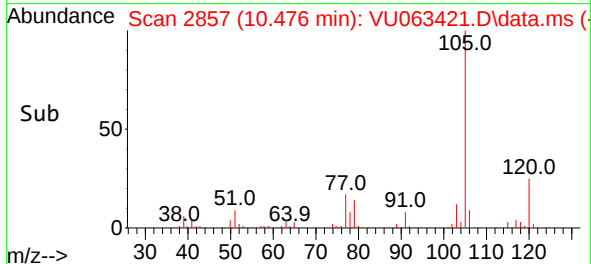
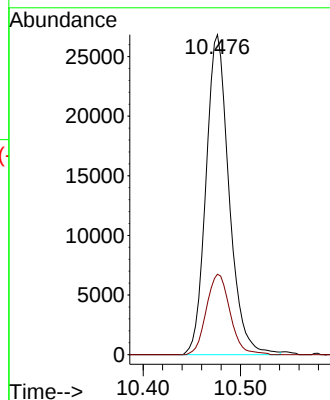
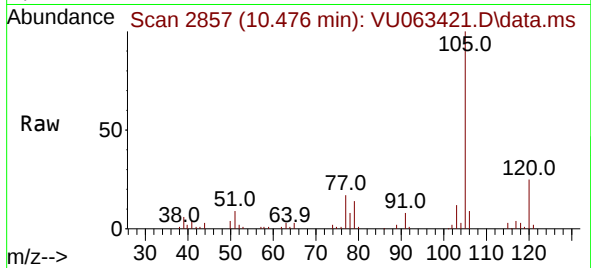




#69
Isopropylbenzene
Concen: 0.807 ug/l
RT: 10.476 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063421.D
Acq: 23 Jun 2025 10:34

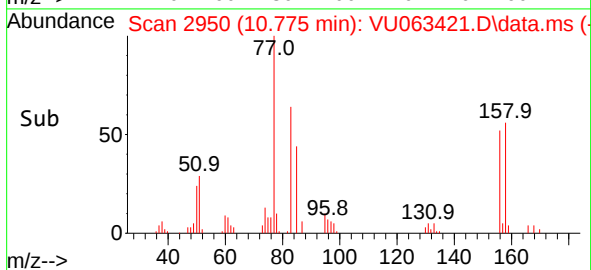
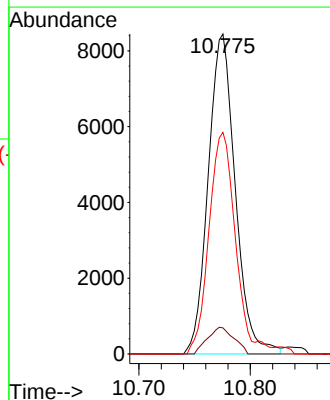
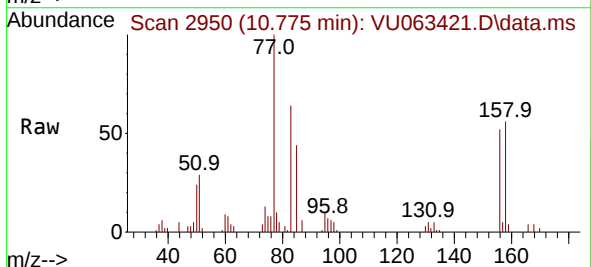
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

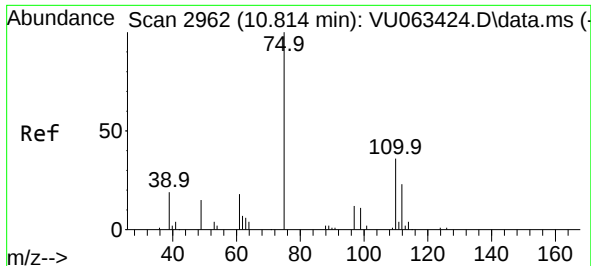
Tgt Ion:105 Resp: 44144
Ion Ratio Lower Upper
105 100
120 25.8 12.7 38.1



#70
1,1,2,2-Tetrachloroethane
Concen: 0.896 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU063421.D
Acq: 23 Jun 2025 10:34

Tgt Ion: 83 Resp: 14262
Ion Ratio Lower Upper
83 100
131 8.1 7.4 11.0
85 67.8 51.3 76.9

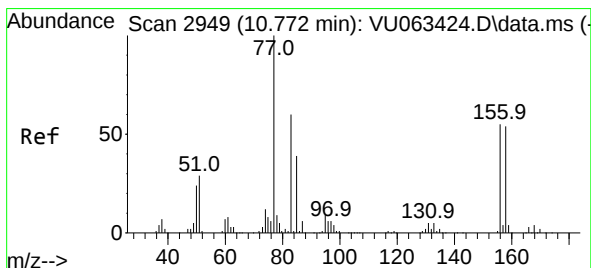
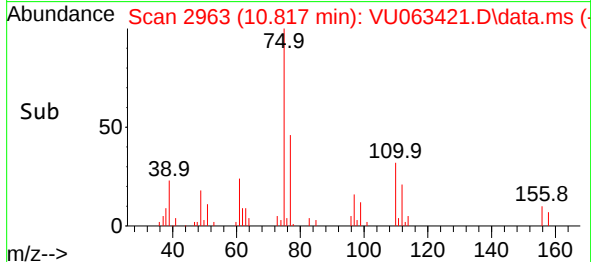
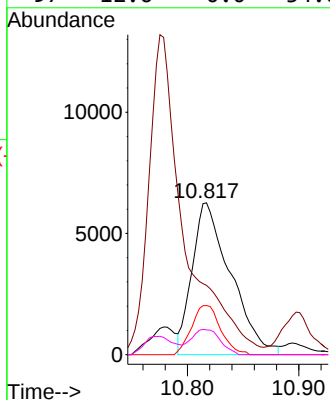
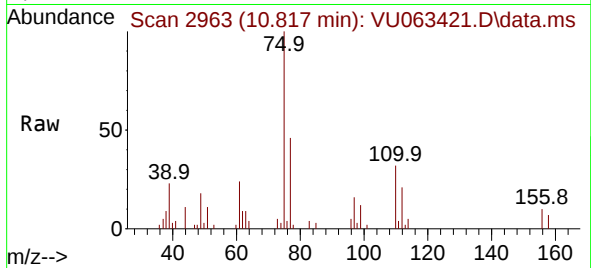




#71
1,2,3-Trichloropropane
Concen: 1.137 ug/l
RT: 10.817 min Scan# 2963
Delta R.T. 0.003 min
Lab File: VU063421.D
Acq: 23 Jun 2025 10:34

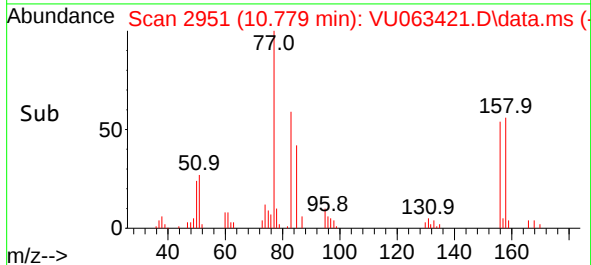
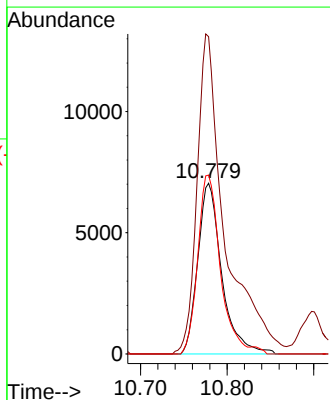
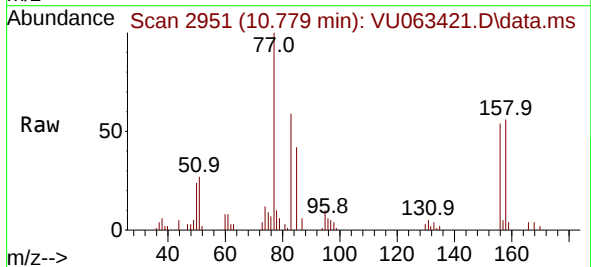
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

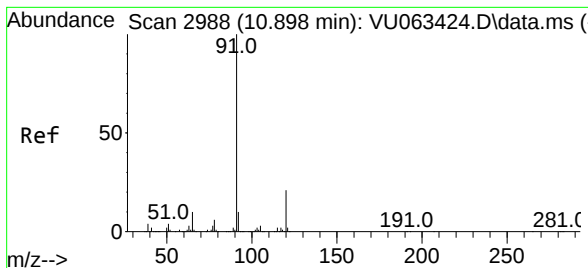
Tgt Ion: 75	Resp:	15051
Ion Ratio	Lower	Upper
75	100	
77	0.0	0.0
110	24.4	63.4
97	12.6	34.0



#72
Bromobenzene
Concen: 0.881 ug/l
RT: 10.779 min Scan# 2951
Delta R.T. 0.007 min
Lab File: VU063421.D
Acq: 23 Jun 2025 10:34

Tgt Ion: 156	Resp:	13533
Ion Ratio	Lower	Upper
156	100	
77	217.5	416.2
158	100.1	190.6





#73

n-propylbenzene

Concen: 1.019 ug/l

RT: 10.898 min Scan# 2988

Delta R.T. -0.000 min

Lab File: VU063421.D

Acq: 23 Jun 2025 10:34

Instrument :

MSVOA_U

ClientSampleId :

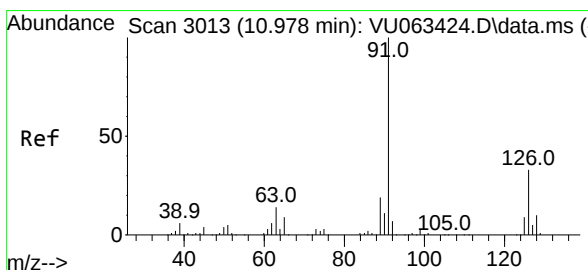
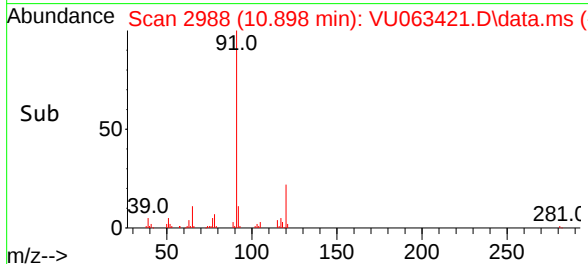
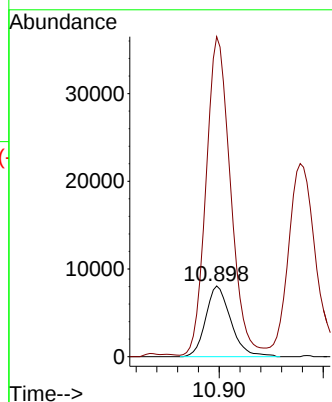
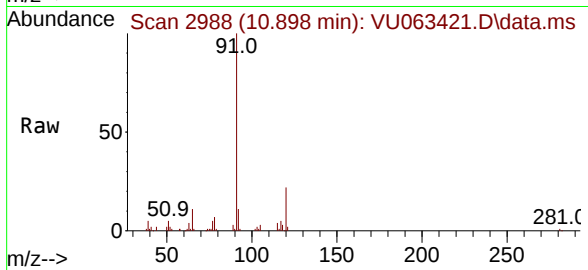
VSTDIC001

Tgt Ion:120 Resp: 13461

Ion Ratio Lower Upper

120 100

91 439.2 373.7 560.5



#74

2-Chlorotoluene

Concen: 0.846 ug/l

RT: 10.978 min Scan# 3013

Delta R.T. -0.000 min

Lab File: VU063421.D

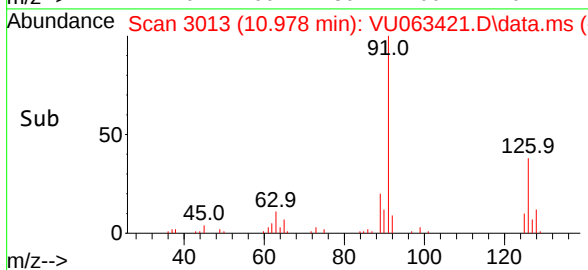
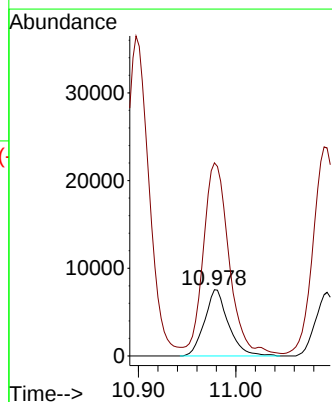
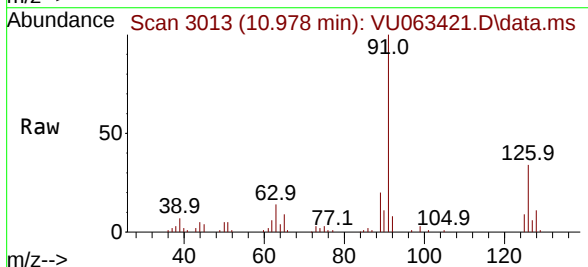
Acq: 23 Jun 2025 10:34

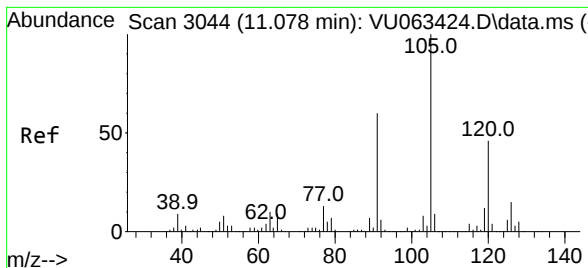
Tgt Ion:126 Resp: 12836

Ion Ratio Lower Upper

126 100

91 287.3 0.0 650.8





#75

1,3,5-Trimethylbenzene

Concen: 0.964 ug/l

RT: 11.081 min Scan# 3045

Delta R.T. 0.003 min

Lab File: VU063421.D

Acq: 23 Jun 2025 10:34

Instrument :

MSVOA_U

ClientSampleId :

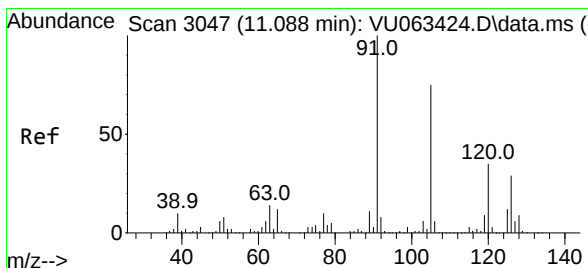
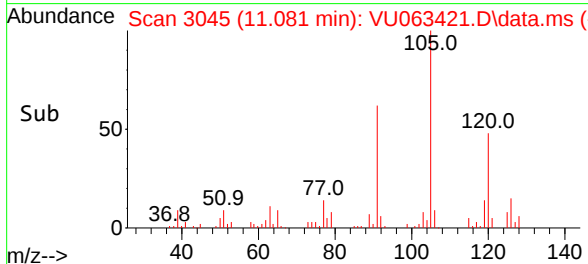
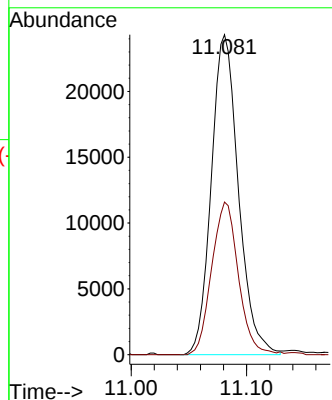
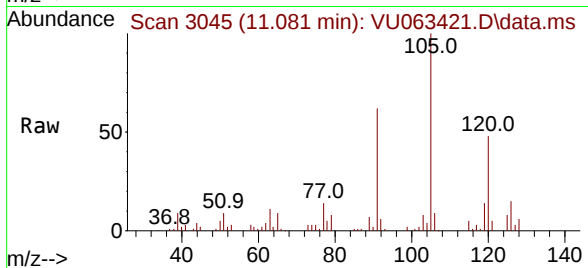
VSTDIC001

Tgt Ion:105 Resp: 39748

Ion Ratio Lower Upper

105 100

120 47.0 37.0 55.4



#76

4-Chlorotoluene

Concen: 0.817 ug/l

RT: 11.094 min Scan# 3049

Delta R.T. 0.006 min

Lab File: VU063421.D

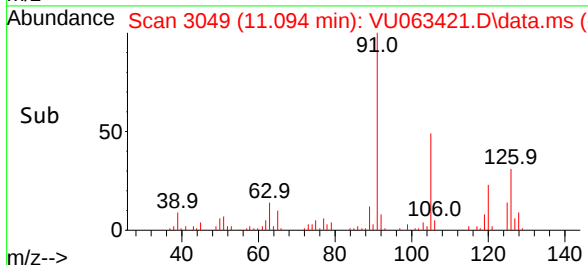
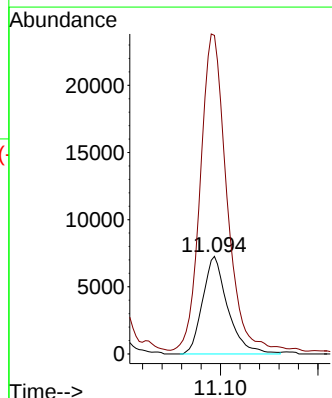
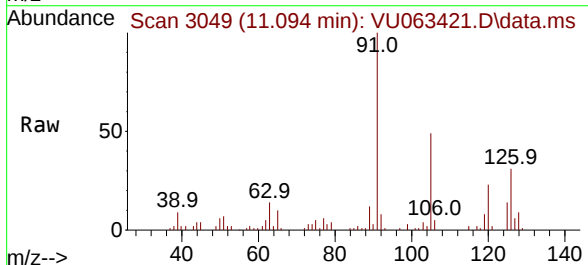
Acq: 23 Jun 2025 10:34

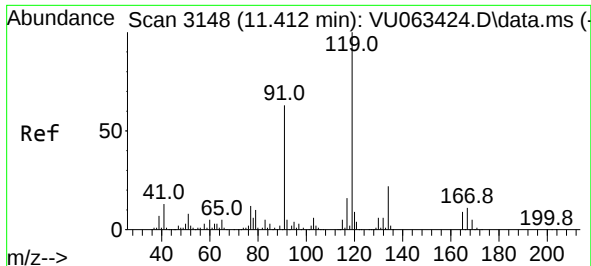
Tgt Ion:126 Resp: 12996

Ion Ratio Lower Upper

126 100

91 338.4 0.0 713.2

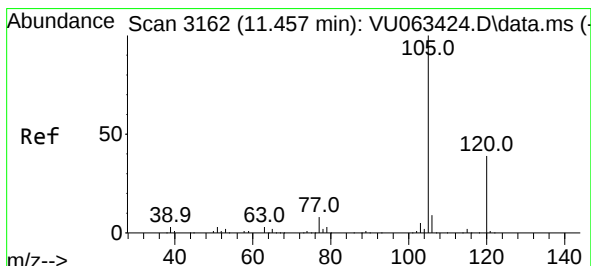
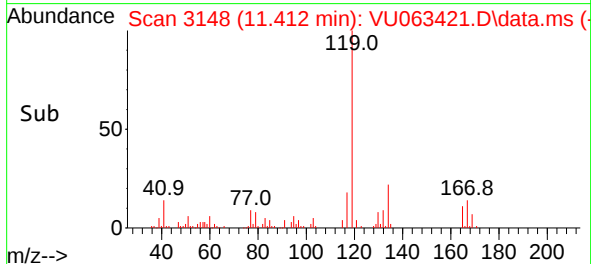
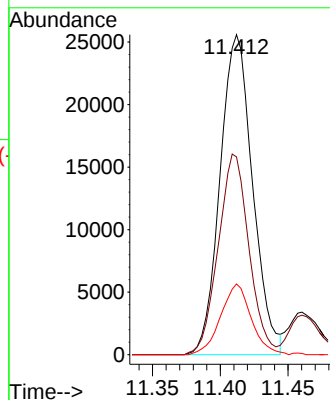
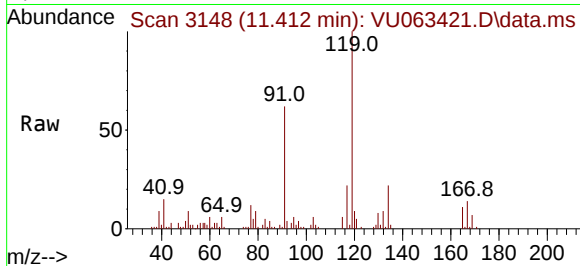




#77
 tert-Butylbenzene
 Concen: 0.851 ug/l
 RT: 11.412 min Scan# 3148
 Delta R.T. -0.000 min
 Lab File: VU063421.D
 Acq: 23 Jun 2025 10:34

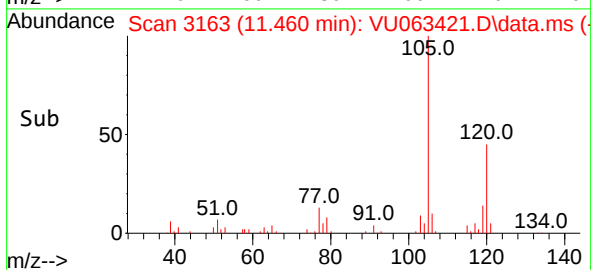
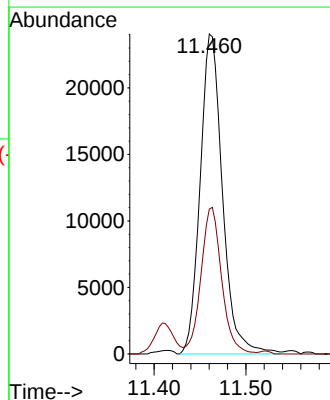
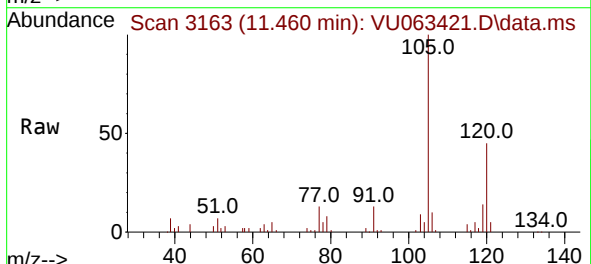
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

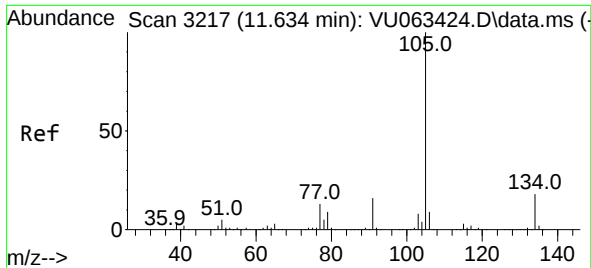
Tgt Ion:	119	Resp:	42753
Ion Ratio	Lower	Upper	
119	100		
91	59.1	30.9	92.7
134	20.7	17.9	26.9



#78
 1,2,4-Trimethylbenzene
 Concen: 1.007 ug/l
 RT: 11.460 min Scan# 3163
 Delta R.T. 0.003 min
 Lab File: VU063421.D
 Acq: 23 Jun 2025 10:34

Tgt Ion:	105	Resp:	40697
Ion Ratio	Lower	Upper	
105	100		
120	41.7	22.1	66.5

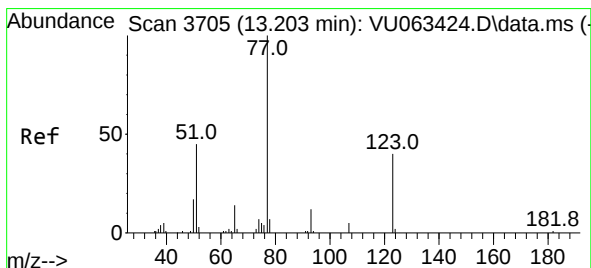
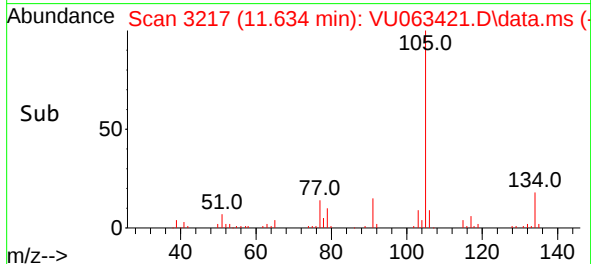
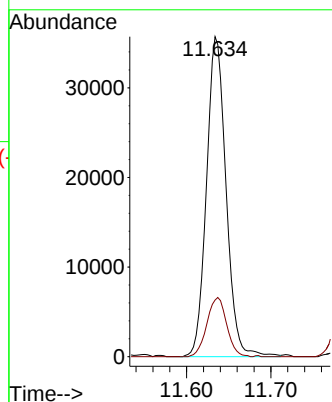
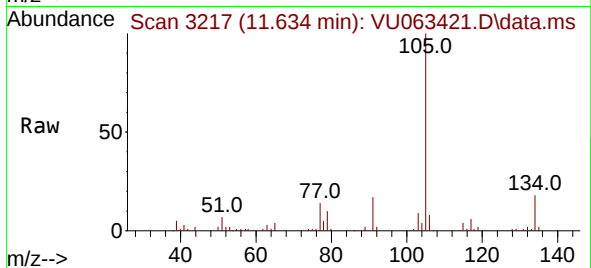




#79
 sec-Butylbenzene
 Concen: 0.810 ug/l
 RT: 11.634 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU063421.D
 Acq: 23 Jun 2025 10:34

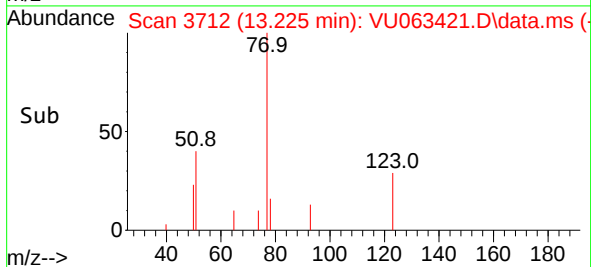
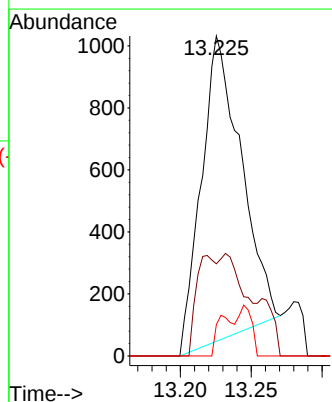
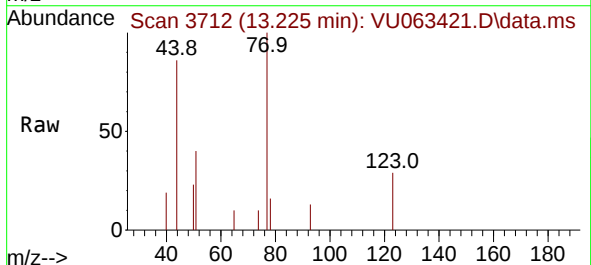
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

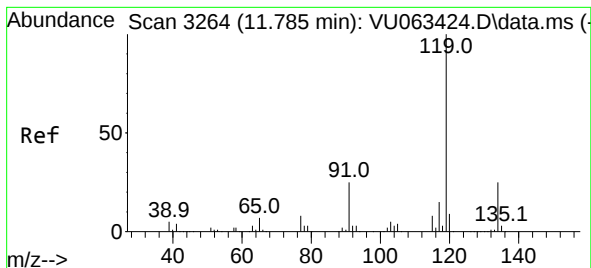
Tgt Ion:105 Resp: 57690
 Ion Ratio Lower Upper
 105 100
 134 18.7 14.8 22.2



#80
 Nitrobenzene
 Concen: 3.866 ug/l
 RT: 13.225 min Scan# 3712
 Delta R.T. 0.022 min
 Lab File: VU063421.D
 Acq: 23 Jun 2025 10:34

Tgt Ion: 77 Resp: 1920
 Ion Ratio Lower Upper
 77 100
 123 16.8 19.6 69.6#
 65 5.7 10.6 13.4#





#81

p-Isopropyltoluene

Concen: 1.007 ug/l

RT: 11.785 min Scan# 3264

Delta R.T. -0.000 min

Lab File: VU063421.D

Acq: 23 Jun 2025 10:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

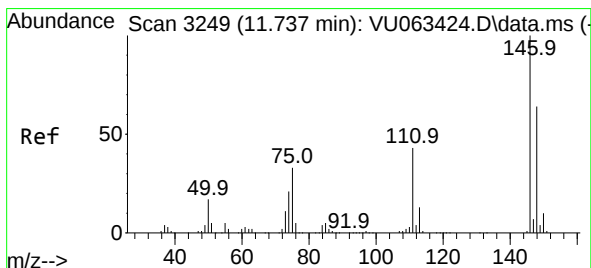
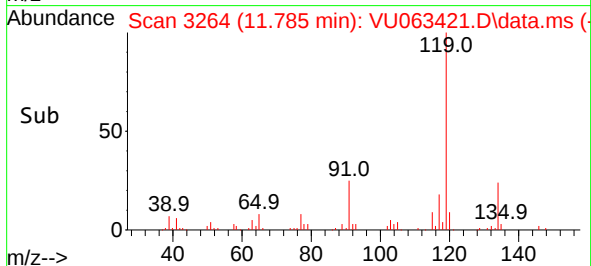
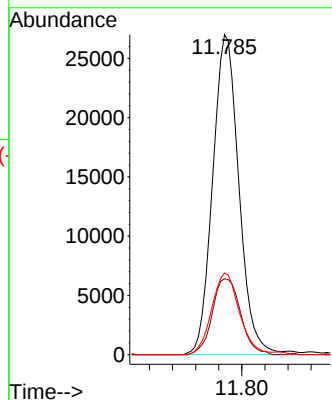
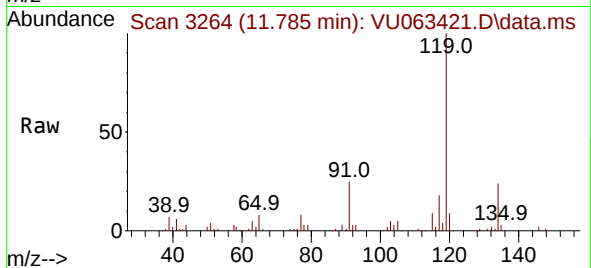
Tgt Ion:119 Resp: 42416

Ion Ratio Lower Upper

119 100

134 25.6 20.2 30.2

91 27.1 19.7 29.5



#82

1,3-Dichlorobenzene

Concen: 0.914 ug/l

RT: 11.743 min Scan# 3251

Delta R.T. 0.006 min

Lab File: VU063421.D

Acq: 23 Jun 2025 10:34

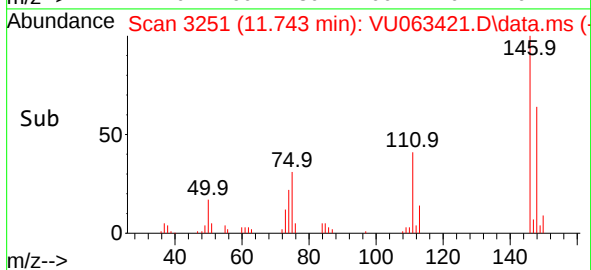
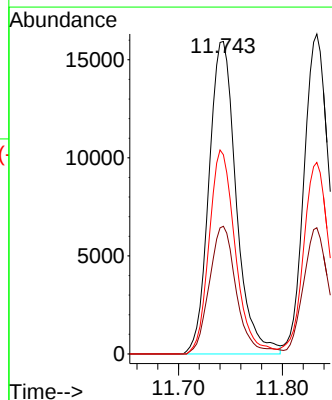
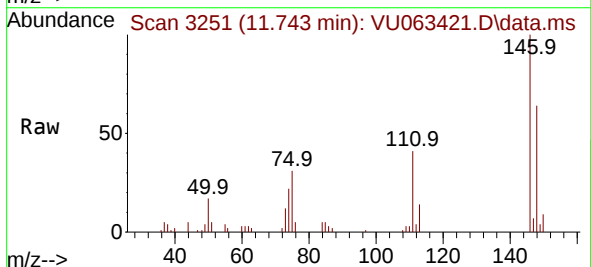
Tgt Ion:146 Resp: 29075

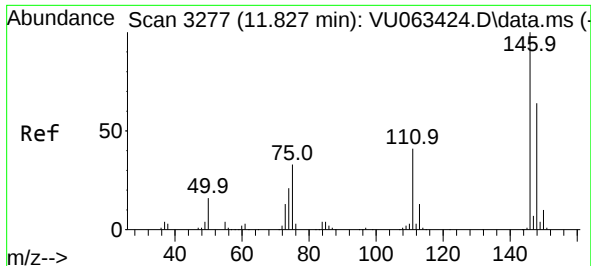
Ion Ratio Lower Upper

146 100

111 40.7 34.3 51.5

148 62.7 51.0 76.4

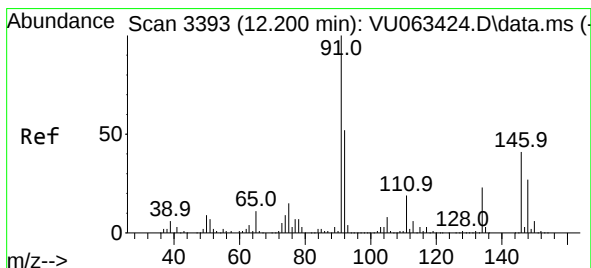
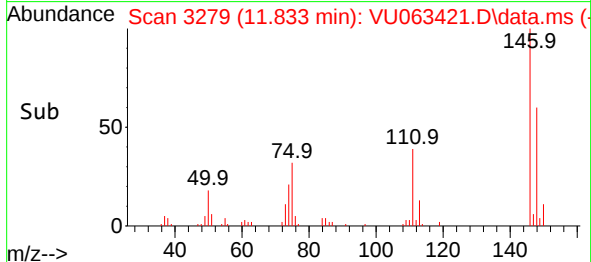
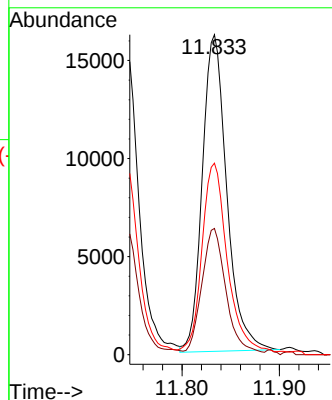
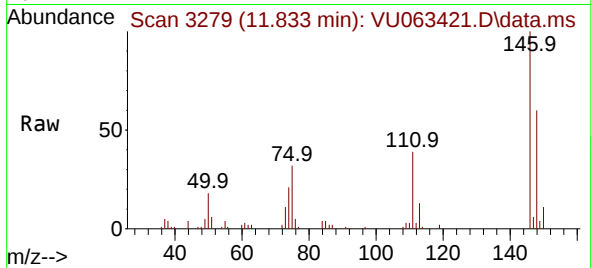




#83
1,4-Dichlorobenzene
Concen: 0.855 ug/l
RT: 11.833 min Scan# 311
Delta R.T. 0.006 min
Lab File: VU063421.D
Acq: 23 Jun 2025 10:34

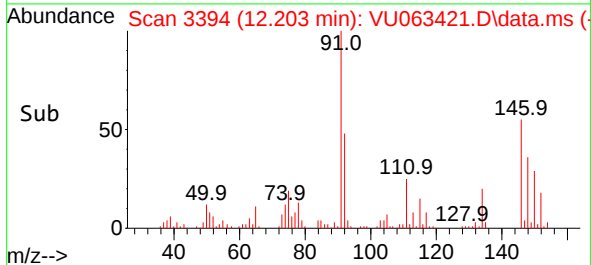
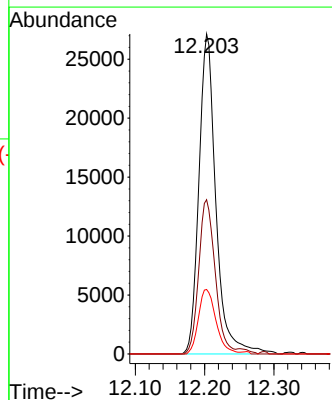
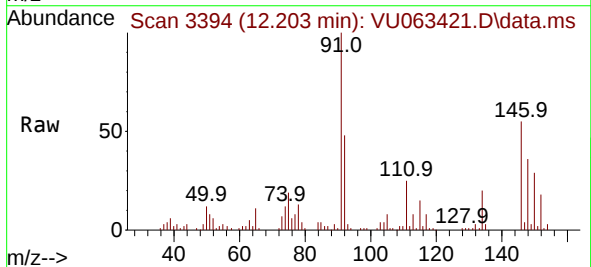
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

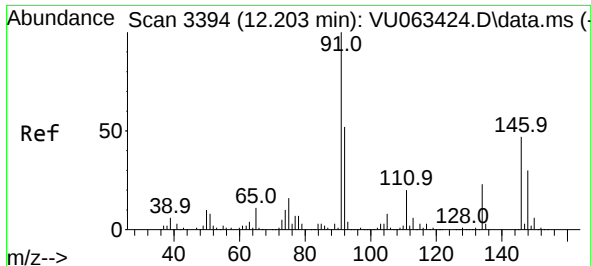
Tgt Ion:146 Resp: 28201
Ion Ratio Lower Upper
146 100
111 38.2 31.7 47.5
148 61.9 51.4 77.0



#84
n-Butylbenzene
Concen: 0.793 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. 0.003 min
Lab File: VU063421.D
Acq: 23 Jun 2025 10:34

Tgt Ion: 91 Resp: 46235
Ion Ratio Lower Upper
91 100
92 46.7 41.0 61.6
134 20.9 18.5 27.7

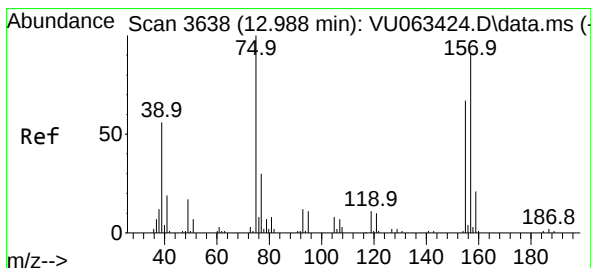
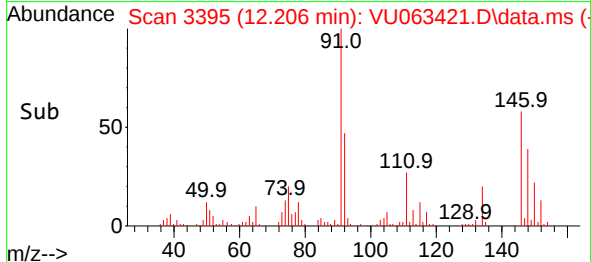
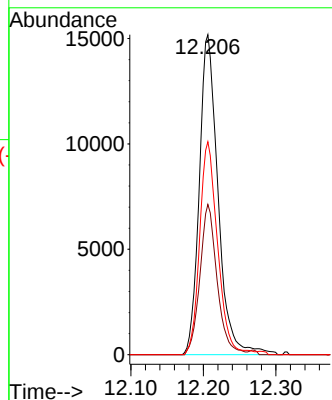
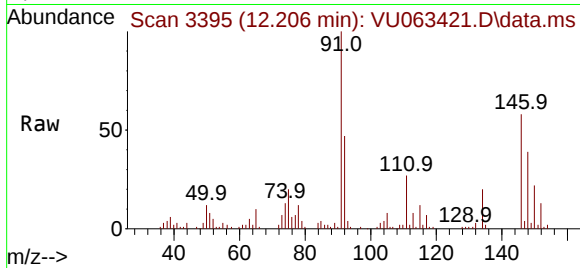




#85
 1,2-Dichlorobenzene
 Concen: 0.896 ug/l
 RT: 12.206 min Scan# 3394
 Delta R.T. 0.003 min
 Lab File: VU063421.D
 Acq: 23 Jun 2025 10:34

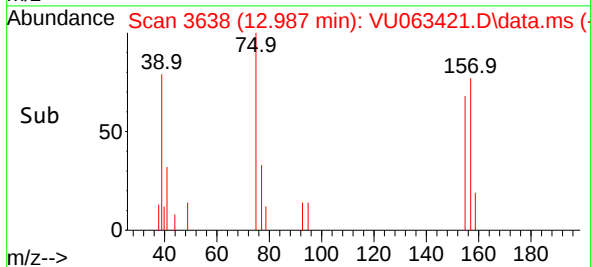
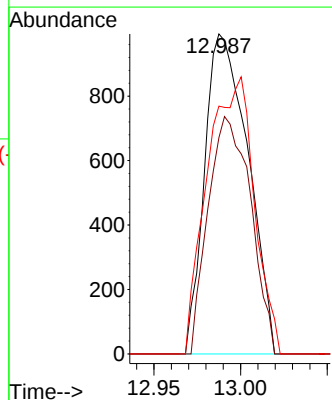
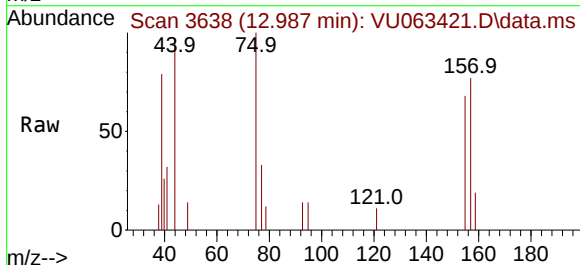
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

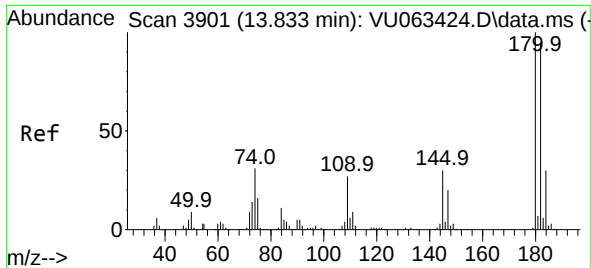
Tgt Ion:146 Resp: 27280
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.8 65.4
 148 63.8 32.3 96.9



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 0.790 ug/l
 RT: 12.987 min Scan# 3638
 Delta R.T. -0.001 min
 Lab File: VU063421.D
 Acq: 23 Jun 2025 10:34

Tgt Ion: 75 Resp: 1728
 Ion Ratio Lower Upper
 75 100
 155 72.7 59.7 89.5
 157 93.6 75.0 112.4

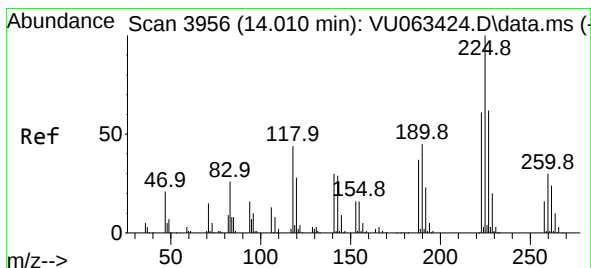
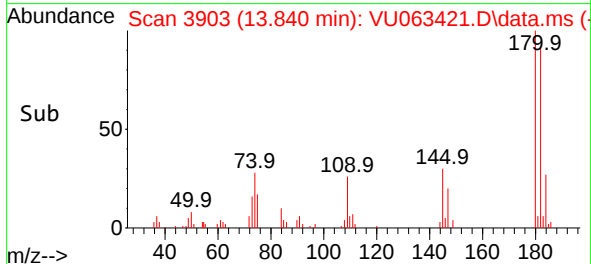
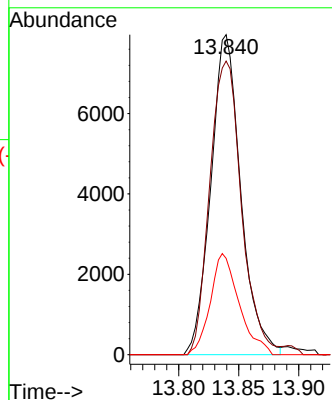
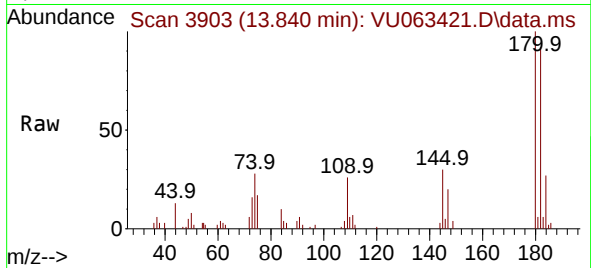




#87
1,2,4-Trichlorobenzene
Concen: 0.815 ug/l
RT: 13.840 min Scan# 3903
Delta R.T. 0.006 min
Lab File: VU063421.D
Acq: 23 Jun 2025 10:34

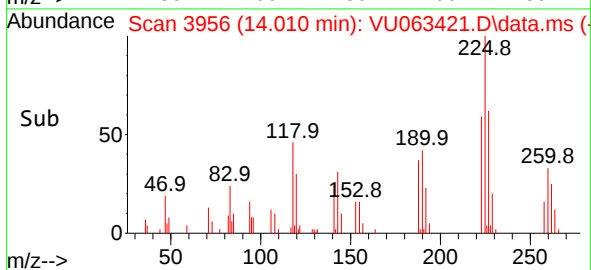
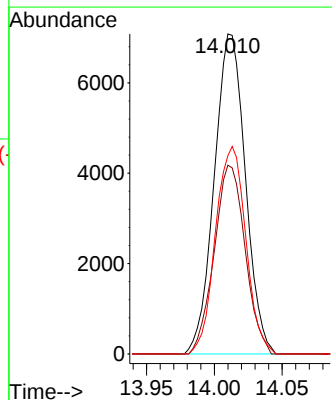
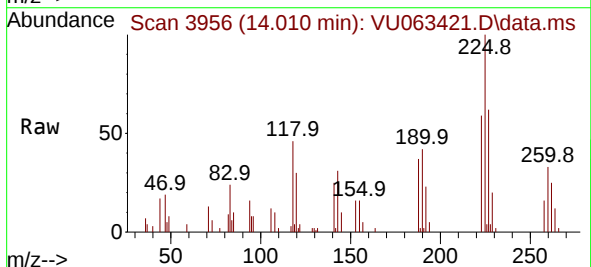
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

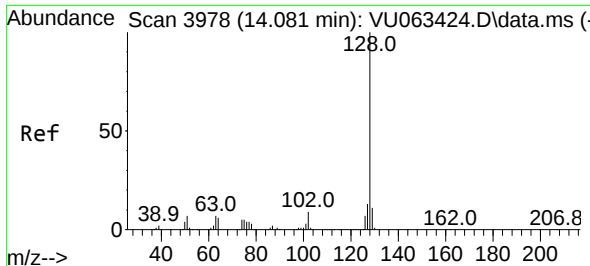
Tgt Ion:	180	Resp:	13837
Ion Ratio	Lower	Upper	
180	100		
182	97.0	75.6	113.4
145	30.4	24.6	36.8



#88
Hexachlorobutadiene
Concen: 0.940 ug/l
RT: 14.010 min Scan# 3956
Delta R.T. -0.000 min
Lab File: VU063421.D
Acq: 23 Jun 2025 10:34

Tgt Ion:	225	Resp:	11315
Ion Ratio	Lower	Upper	
225	100		
223	58.6	50.0	75.0
227	63.1	51.5	77.3

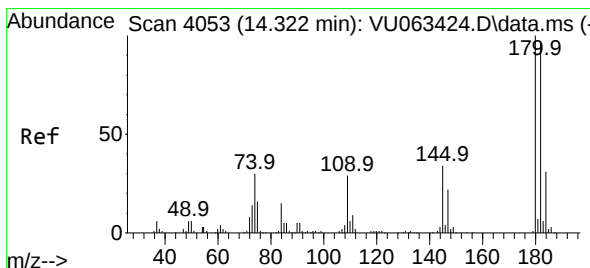
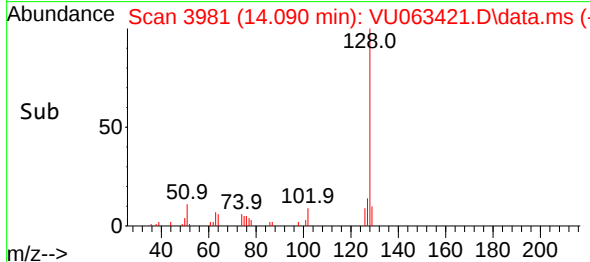
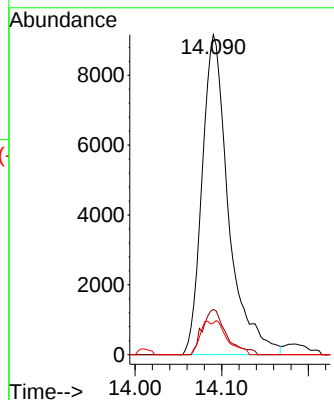
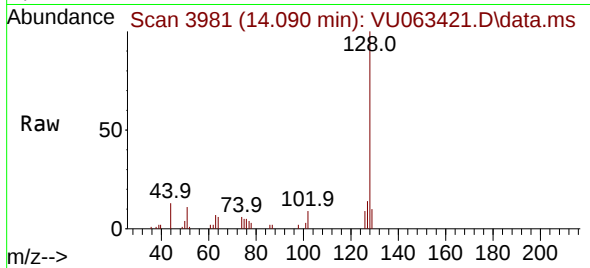




#89
Naphthalene
Concen: 1.384 ug/l
RT: 14.090 min Scan# 3978
Delta R.T. 0.009 min
Lab File: VU063421.D
Acq: 23 Jun 2025 10:34

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion:128 Resp: 19413
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 4.4 8.7 13.1#



#90
1,2,3-Trichlorobenzene
Concen: 0.774 ug/l
RT: 14.325 min Scan# 4054
Delta R.T. 0.003 min
Lab File: VU063421.D
Acq: 23 Jun 2025 10:34

Tgt Ion:180 Resp: 13071
Ion Ratio Lower Upper
180 100
182 96.0 76.7 115.1
145 31.1 27.4 41.2

