

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071625\
 Data File : VU063511.D
 Acq On : 16 Jul 2025 09:24
 Operator : MD/SY
 Sample : VSTDICC0.5
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC0.5

Quant Time: Jul 17 03:21:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U071625DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jul 17 03:16:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.100	96	25423	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	9489	0.986	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	8092	0.909	ug/l	0.00
Spiked Amount 1.000			Recovery	=	91.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	3779	0.504	ug/l	95
3) Chloromethane	1.518	50	3425	0.492	ug/l	97
4) Vinyl Chloride	1.599	62	4301	0.485	ug/l	98
5) Bromomethane	1.850	94	3492	0.522	ug/l	92
6) Chloroethane	1.927	64	2643	0.493	ug/l	94
7) Trichlorofluoromethane	2.129	101	6269	0.492	ug/l	97
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	3157	0.474	ug/l	97
9) 1,1-Dichloroethene	2.570	96	3303	0.500	ug/l	91
10) Iodomethane	2.711	142	2837	1.177	ug/l	97
11) Allyl Chloride	2.911	41	4399	0.461	ug/l	97
12) Acrylonitrile	3.309	53	1622	0.982	ug/l	# 94
13) Acetone	2.618	43	3474	2.627	ug/l	98
14) Carbon Disulfide	2.782	76	10386	0.487	ug/l	99
15) Methylene Chloride	3.030	84	4161	0.535	ug/l	97
16) trans-1,2-Dichloroethene	3.338	96	3653	0.487	ug/l	92
17) 1,1-Dichloroethane	3.853	63	6739	0.485	ug/l	99
18) 2-Butanone	4.711	43	5053	2.467	ug/l	99
19) Cyclohexane	5.364	56	5734	0.487	ug/l	94
20) Methylcyclohexane	6.740	83	5613	0.491	ug/l	97
21) 2,2-Dichloropropane	4.644	77	6127	0.518	ug/l	97
22) cis-1,2-Dichloroethene	4.647	96	3941	0.484	ug/l	95
23) Diethyl Ether	2.370	59	2188	0.435	ug/l	# 82
24) tert-Butyl Alcohol	3.190	59	2805	4.620	ug/l	# 90
25) Methyl tert-Butyl Ether	3.361	73	8075	0.469	ug/l	# 91
26) Bromochloromethane	4.956	128	1623	0.478	ug/l	93
27) Chloroform	5.075	83	7007	0.494	ug/l	98
28) 1,1,1-Trichloroethane	5.296	97	5809	0.483	ug/l	99
29) 1,1-Dichloropropene	5.505	75	5244	0.470	ug/l	# 91
30) Carbon Tetrachloride	5.505	117	4239	0.438	ug/l	95
31) Isopropyl Ether	3.994	45	10123	0.483	ug/l	100
32) Ethyl-t-butyl ether	4.502	59	9396	0.484	ug/l	97
33) Tert-Amyl methyl ether	5.943	73	8680	0.515	ug/l	97
34) Propionitrile	4.779	54	1363	2.184	ug/l	# 93
35) Benzene	5.759	78	15477	0.517	ug/l	96
36) 1,2-Dichloroethane	5.782	62	4577	0.492	ug/l	99
37) Trichloroethene	6.528	130	3989	0.522	ug/l	95
38) 1,2-Dichloropropane	6.782	63	2987	0.426	ug/l	91
40) Methyl acrylate	4.846	55	2059	0.508	ug/l	# 88
41) Tetrahydrofuran	5.062	42	2008	1.376	ug/l	# 77
42) 1-Chlorobutane	5.441	56	7303	0.493	ug/l	93
43) Dibromomethane	6.907	93	1679	0.462	ug/l	94
44) Bromodichloromethane	7.097	83	3861	0.471	ug/l	95
45) 4-Methyl-2-Pentanone	7.801	43	8613	2.301	ug/l	98

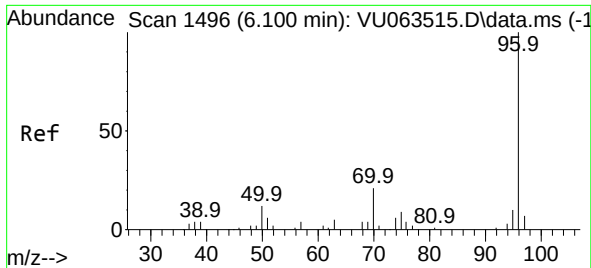
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Quant Time: Jul 17 03:21:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U071625DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jul 17 03:16:16 2025
 Response via : Initial Calibration

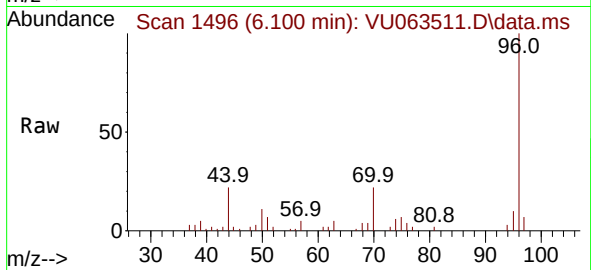
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) t-1,4-Dichloro-2-butene	10.817	75	3122	2.351	ug/l #	52
47) Methyl methacrylate	6.968	69	2712	0.889	ug/l	89
48) Ethyl methacrylate	8.341	69	2622	0.451	ug/l	82
49) Toluene	7.965	92	7397	0.452	ug/l	100
50) t-1,3-Dichloropropene	8.209	75	2708	0.421	ug/l	94
51) cis-1,3-Dichloropropene	7.602	75	3613	0.419	ug/l	93
52) 1,1,2-Trichloroethane	8.396	97	2194	0.449	ug/l	94
53) 1,3-Dichloropropane	8.570	76	3944	0.467	ug/l	96
54) 2-Hexanone	8.698	43	5691	2.289	ug/l	98
55) Dibromochloromethane	8.804	129	2097	0.406	ug/l	97
56) 1,2-Dibromoethane	8.920	107	2089	0.477	ug/l	92
58) Tetrachloroethene	8.544	164	3225	0.461	ug/l	95
59) Chlorobenzene	9.441	112	8639	0.460	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.528	131	2686	0.445	ug/l	99
61) Pentachloroethane	11.418	117	1880	0.441	ug/l	98
62) Hexachloroethane	12.467	117	1703	0.403	ug/l	99
63) Ethyl Benzene	9.566	91	15188	0.470	ug/l	95
64) m/p-Xylenes	9.689	106	11672	0.929	ug/l	91
65) o-Xylene	10.094	106	5435	0.450	ug/l	100
66) Styrene	10.113	104	8244	0.429	ug/l	100
67) Bromoform	10.283	173	1214	0.458	ug/l #	90
69) Isopropylbenzene	10.476	105	12913	0.442	ug/l	94
70) 1,1,2,2-Tetrachloroethane	10.775	83	2820	0.474	ug/l #	87
71) 1,2,3-Trichloropropane	10.817	75	3122	0.643	ug/l #	82
72) Bromobenzene	10.778	156	3609	0.479	ug/l	93
73) n-propylbenzene	10.901	120	3852	0.438	ug/l	93
74) 2-Chlorotoluene	10.981	126	3528	0.454	ug/l	96
75) 1,3,5-Trimethylbenzene	11.081	105	12281	0.441	ug/l	99
76) 4-Chlorotoluene	11.097	126	3423	0.434	ug/l	99
77) tert-Butylbenzene	11.412	119	12124	0.455	ug/l	98
78) 1,2,4-Trimethylbenzene	11.463	105	12110	0.438	ug/l	99
79) sec-Butylbenzene	11.637	105	15578	0.434	ug/l	98
80) Nitrobenzene	13.229	77	131	2.628	ug/l #	44
81) p-Isopropyltoluene	11.785	119	13001	0.433	ug/l	97
82) 1,3-Dichlorobenzene	11.743	146	6856	0.455	ug/l	97
83) 1,4-Dichlorobenzene	11.836	146	6510	0.432	ug/l	95
84) n-Butylbenzene	12.206	91	11864	0.427	ug/l	96
85) 1,2-Dichlorobenzene	12.206	146	6401	0.452	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	12.991	75	302	0.533	ug/l	88
87) 1,2,4-Trichlorobenzene	13.843	180	3867	0.439	ug/l	98
88) Hexachlorobutadiene	14.013	225	2280	0.456	ug/l	92
89) Naphthalene	14.093	128	7013	0.445	ug/l	97
90) 1,2,3-Trichlorobenzene	14.331	180	3421	0.420	ug/l	98

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

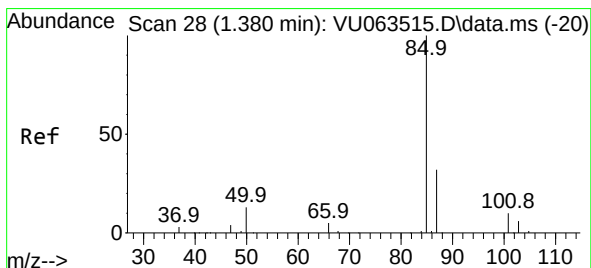
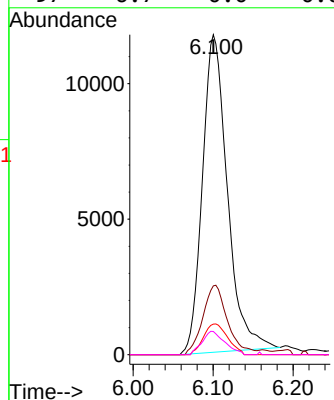
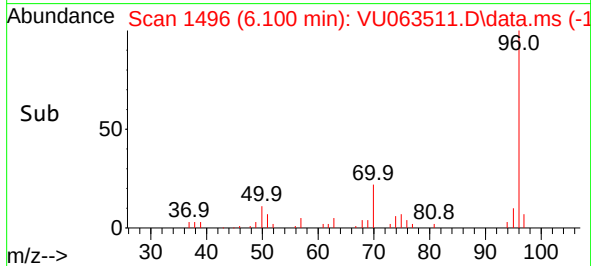


#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.100 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

Instrument :
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VSTDIC0.5

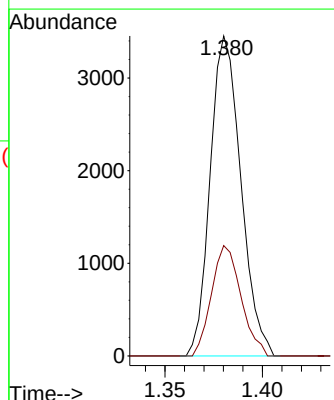
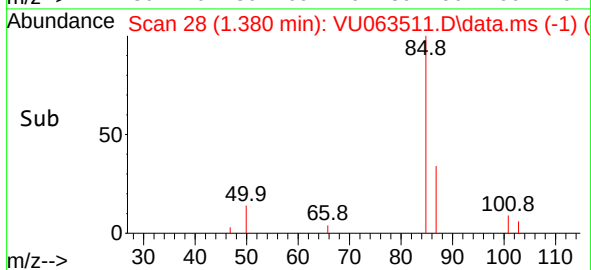
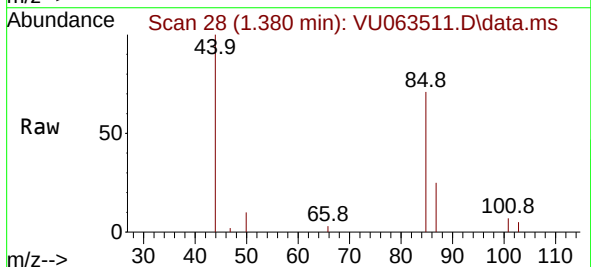


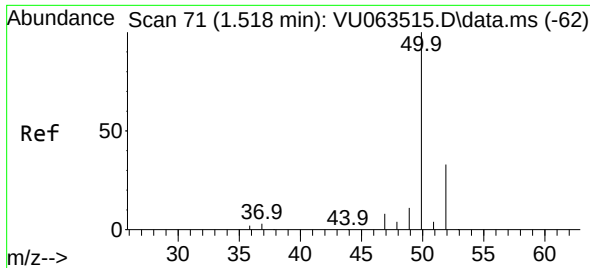
Tgt Ion:	96	Resp:	25423
Ion	Ratio	Lower	Upper
96	100		
70	20.1	15.0	22.4
95	9.4	7.4	11.0
97	6.7	0.0	0.0



#2
Dichlorodifluoromethane
Concen: 0.504 ug/l
RT: 1.380 min Scan# 28
Delta R.T. 0.000 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

Tgt Ion:	85	Resp:	3779
Ion	Ratio	Lower	Upper
85	100		
87	34.5	16.0	47.9

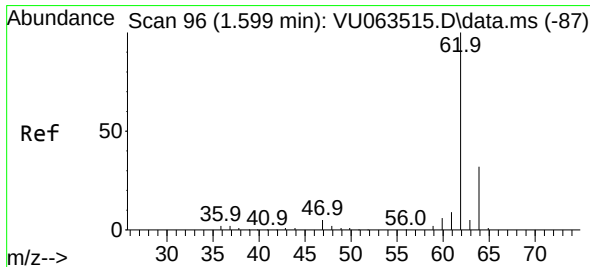
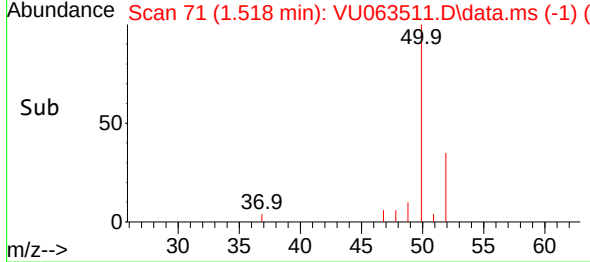
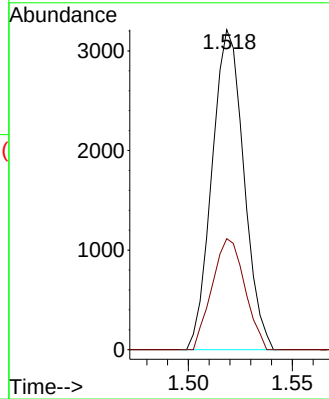
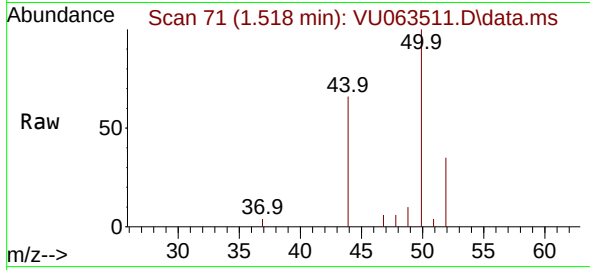




#3
Chloromethane
Concen: 0.492 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

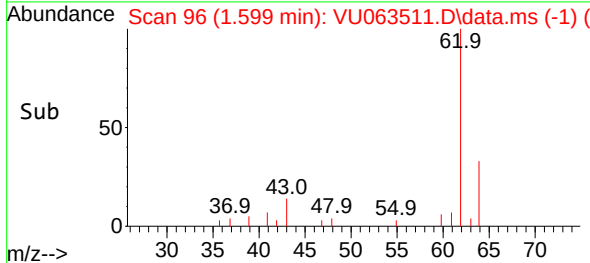
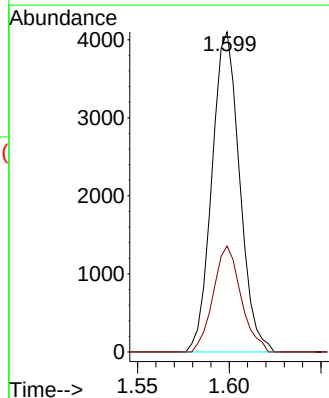
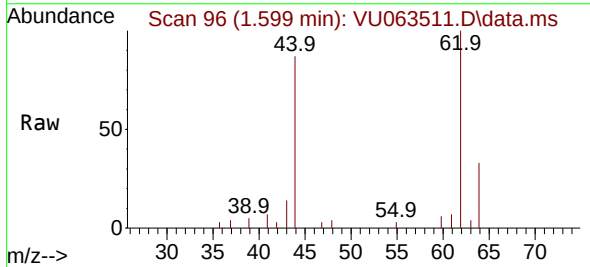
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MSVOA_U
ClientSampleId :
VSTDICC0.5

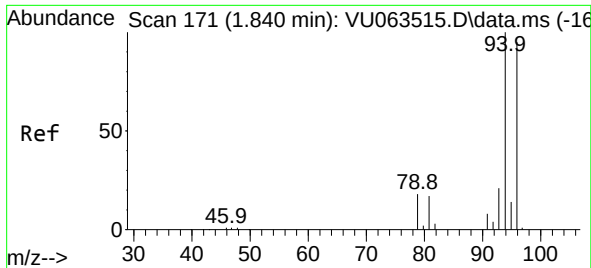
Tgt Ion: 50 Resp: 3425
Ion Ratio Lower Upper
50 100
52 34.7 26.3 39.5



#4
Vinyl Chloride
Concen: 0.485 ug/l
RT: 1.599 min Scan# 96
Delta R.T. 0.000 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

Tgt Ion: 62 Resp: 4301
Ion Ratio Lower Upper
62 100
64 33.1 25.7 38.5

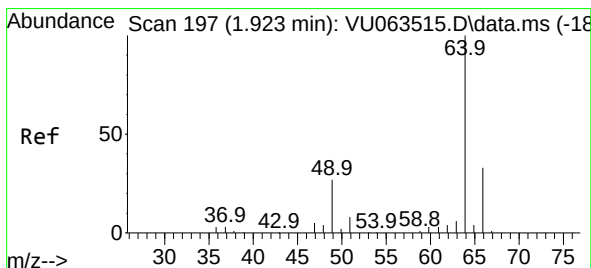
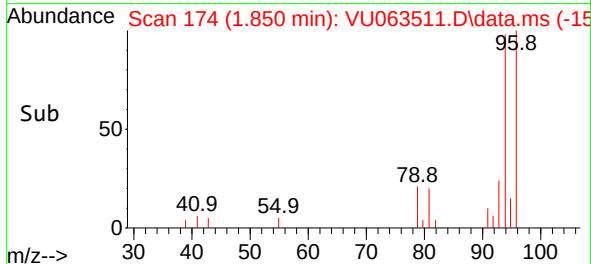
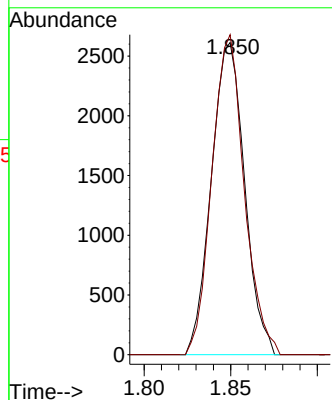
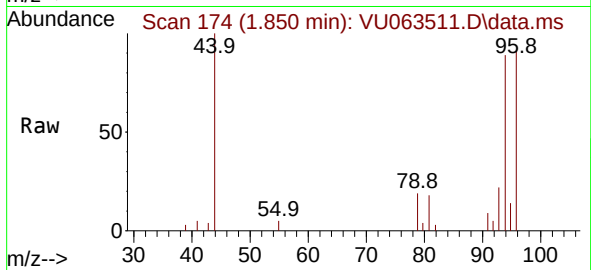




#5
Bromomethane
Concen: 0.522 ug/l
RT: 1.850 min Scan# 11
Delta R.T. 0.010 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

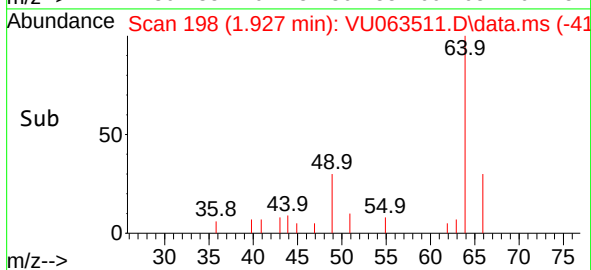
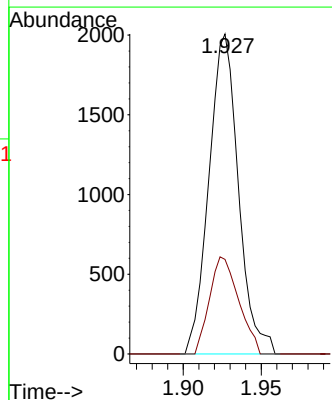
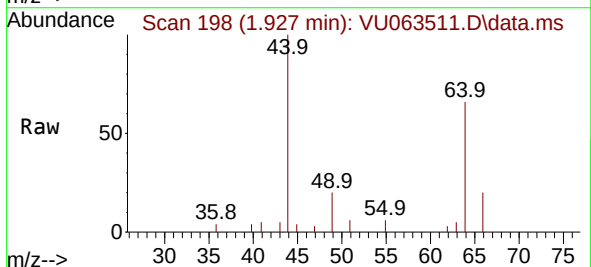
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ClientSampleId :
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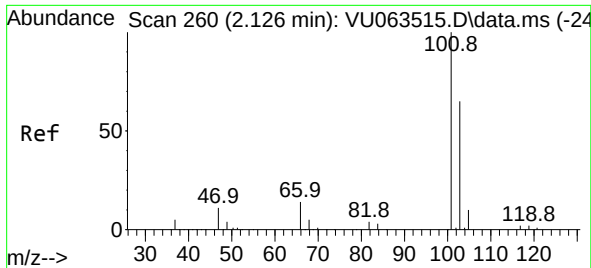
Tgt Ion: 94 Resp: 3492
Ion Ratio Lower Upper
94 100
96 102.5 75.8 113.6



#6
Chloroethane
Concen: 0.493 ug/l
RT: 1.927 min Scan# 198
Delta R.T. 0.003 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

Tgt Ion: 64 Resp: 2643
Ion Ratio Lower Upper
64 100
66 29.5 26.2 39.4

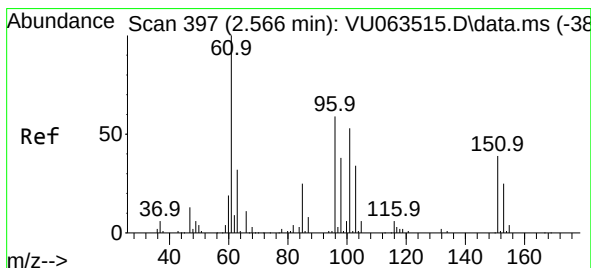
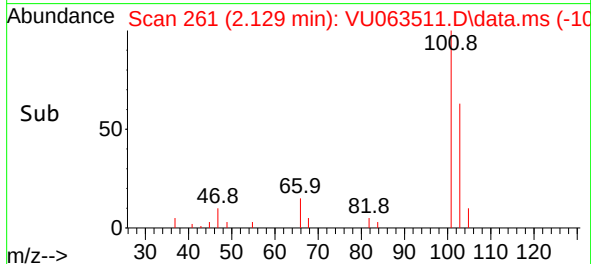
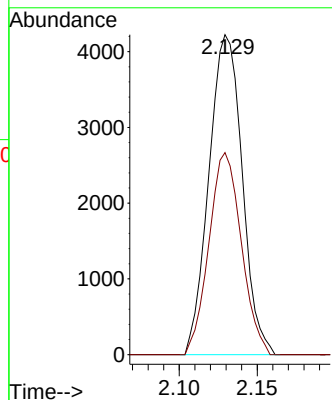
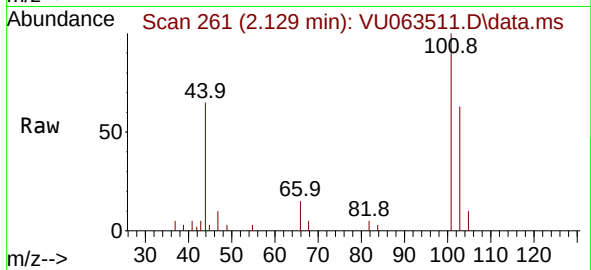




#7
 Trichlorofluoromethane
 Concen: 0.492 ug/l
 RT: 2.129 min Scan# 210
 Delta R.T. 0.003 min
 Lab File: VU063511.D
 Acq: 16 Jul 2025 09:24

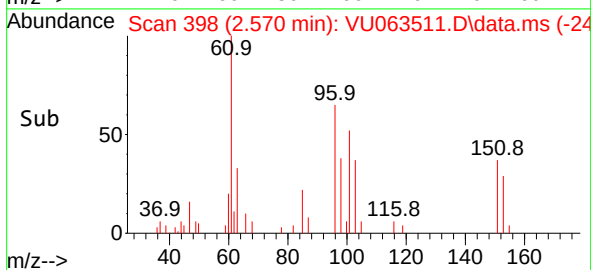
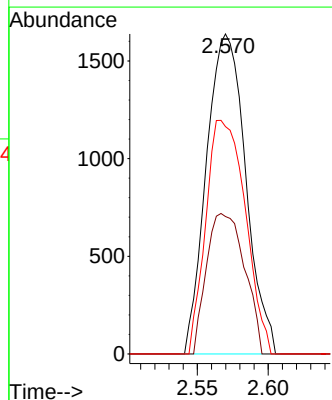
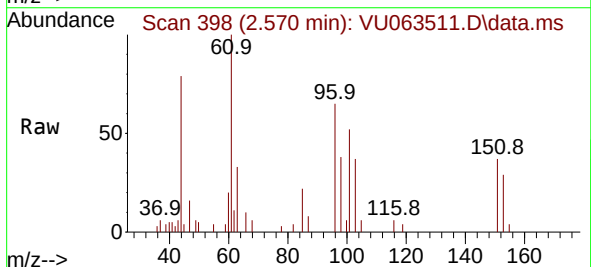
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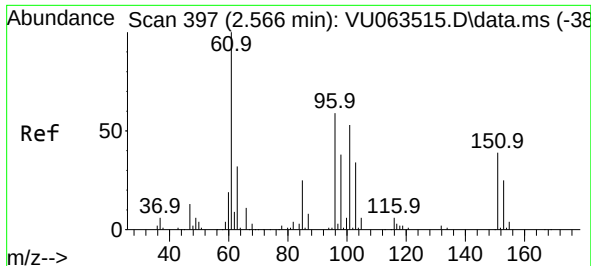
Tgt Ion:101 Resp: 6269
 Ion Ratio Lower Upper
 101 100
 103 63.2 52.2 78.4



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.474 ug/l
 RT: 2.570 min Scan# 398
 Delta R.T. 0.003 min
 Lab File: VU063511.D
 Acq: 16 Jul 2025 09:24

Tgt Ion:101 Resp: 3157
 Ion Ratio Lower Upper
 101 100
 85 42.5 37.8 56.6
 151 73.3 59.2 88.8

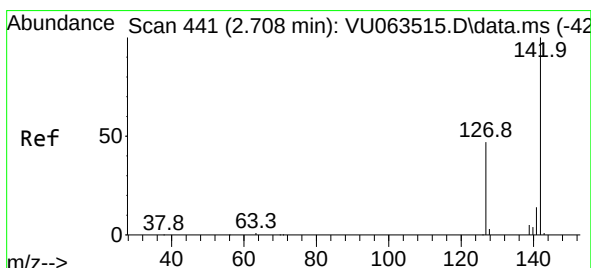
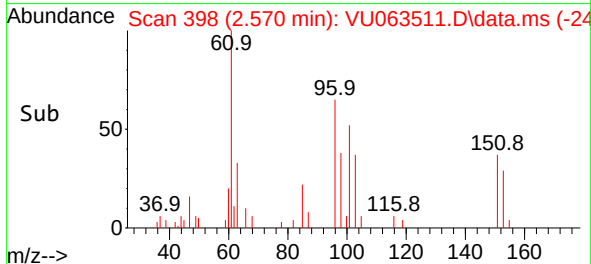
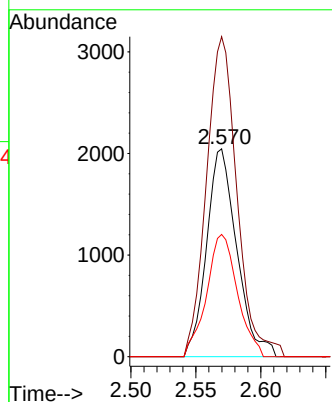
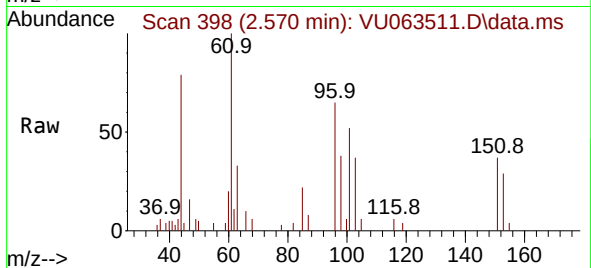




#9
1,1-Dichloroethene
Concen: 0.500 ug/l
RT: 2.570 min Scan# 397
Delta R.T. 0.003 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

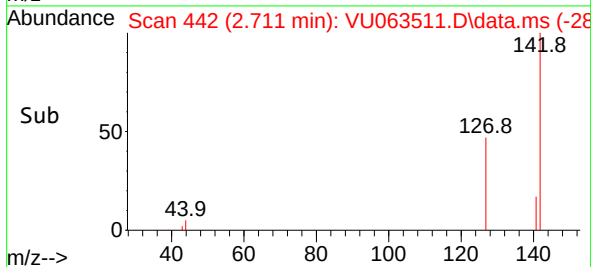
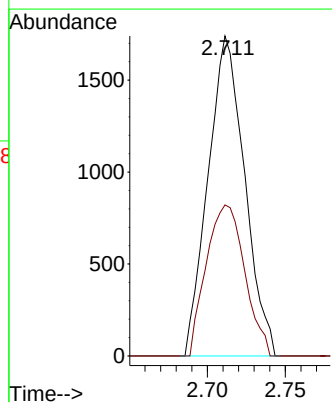
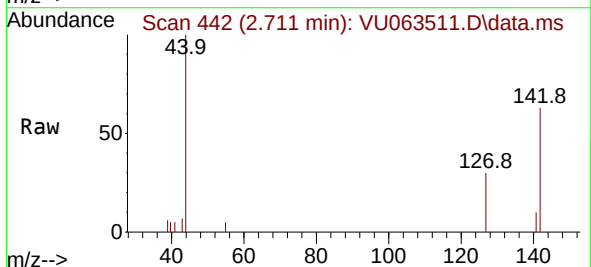
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ClientSampleId :
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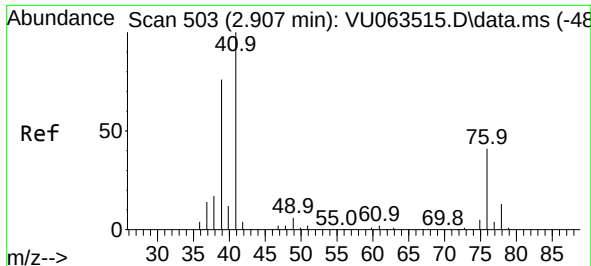
Tgt Ion: 96 Resp: 3303
Ion Ratio Lower Upper
96 100
61 154.0 0.0 504.3
98 58.8 0.0 126.8



#10
Iodomethane
Concen: 1.177 ug/l
RT: 2.711 min Scan# 442
Delta R.T. 0.003 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

Tgt Ion: 142 Resp: 2837
Ion Ratio Lower Upper
142 100
127 49.6 37.9 56.9

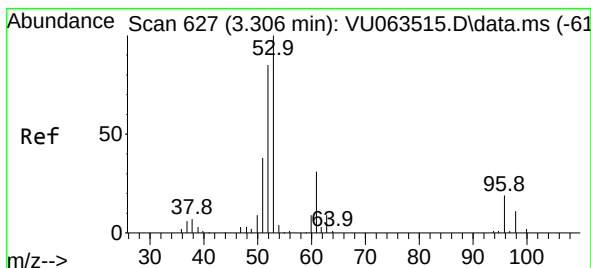
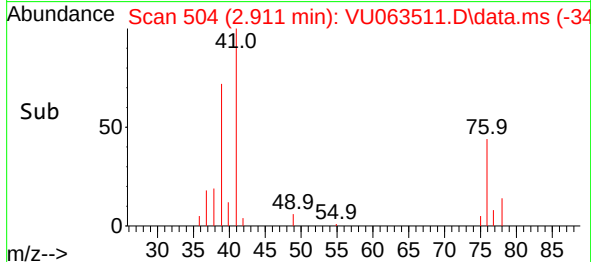
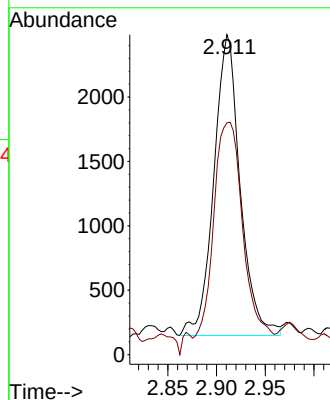
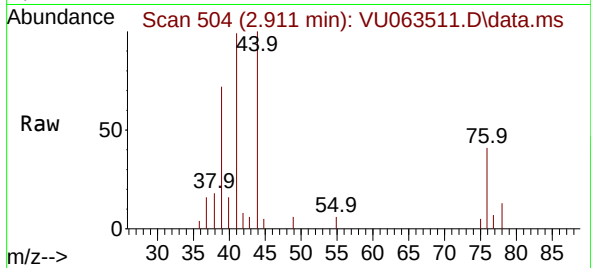




#11
 Allyl Chloride
 Concen: 0.461 ug/l
 RT: 2.911 min Scan# 50
 Delta R.T. 0.003 min
 Lab File: VU063511.D
 Acq: 16 Jul 2025 09:24

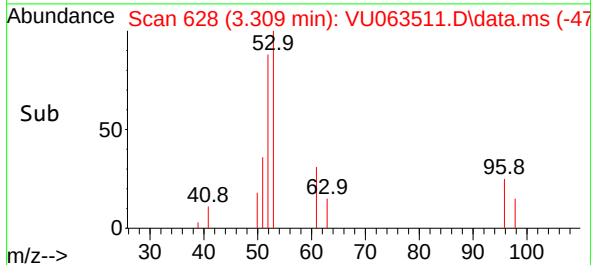
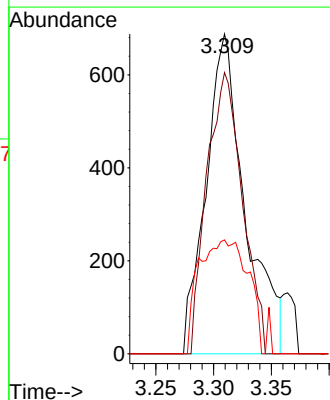
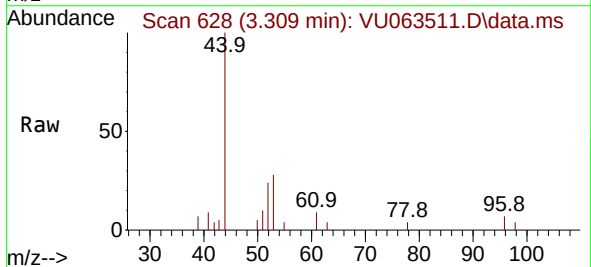
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

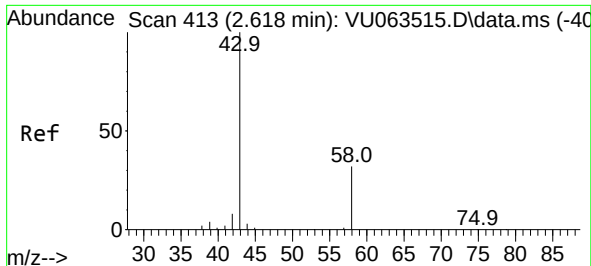
Tgt Ion: 41 Resp: 4399
 Ion Ratio Lower Upper
 41 100
 39 79.3 61.5 92.3



#12
 Acrylonitrile
 Concen: 0.982 ug/l
 RT: 3.309 min Scan# 628
 Delta R.T. 0.003 min
 Lab File: VU063511.D
 Acq: 16 Jul 2025 09:24

Tgt Ion: 53 Resp: 1622
 Ion Ratio Lower Upper
 53 100
 52 79.9 64.3 96.5
 51 44.6 27.8 41.8#





#13

Acetone

Concen: 2.627 ug/l

RT: 2.618 min Scan# 413

Delta R.T. 0.000 min

Lab File: VU063511.D

Acq: 16 Jul 2025 09:24

Instrument :

MSVOA_U

ClientSampleId :

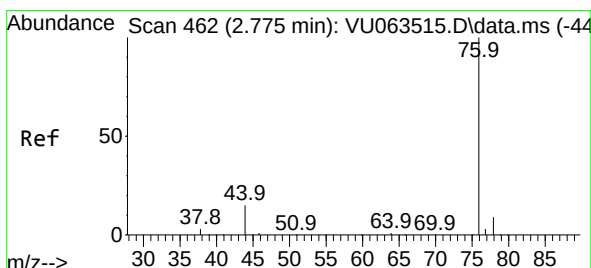
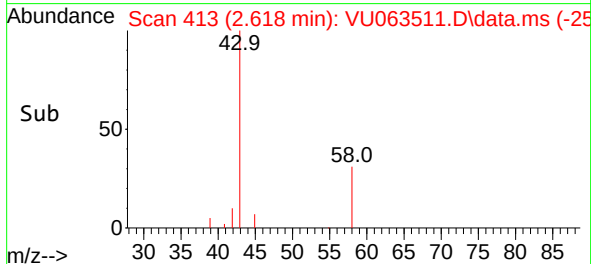
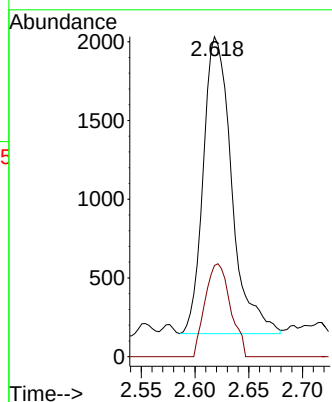
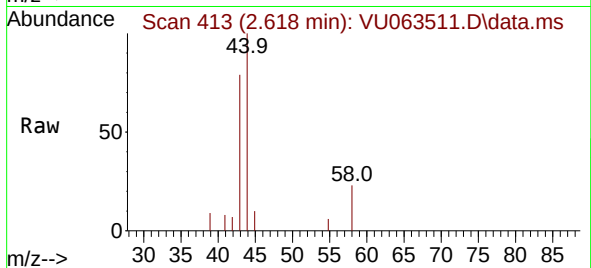
VSTDICC0.5

Tgt Ion: 43 Resp: 3474

Ion Ratio Lower Upper

43 100

58 30.7 25.4 38.0



#14

Carbon Disulfide

Concen: 0.487 ug/l

RT: 2.782 min Scan# 464

Delta R.T. 0.007 min

Lab File: VU063511.D

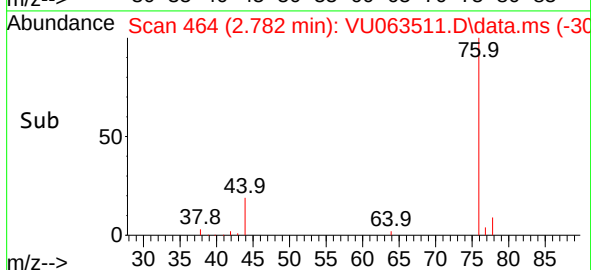
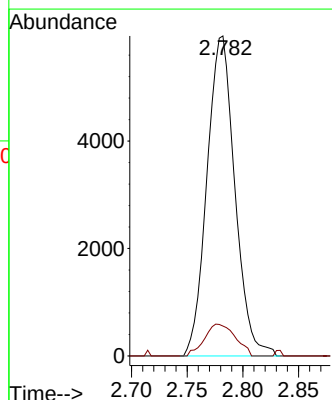
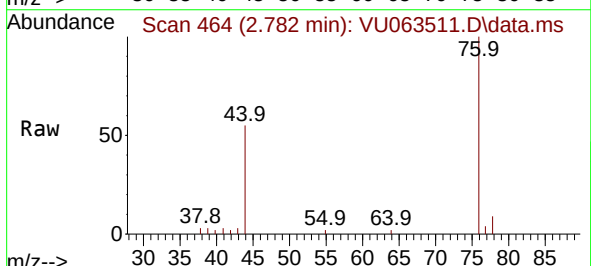
Acq: 16 Jul 2025 09:24

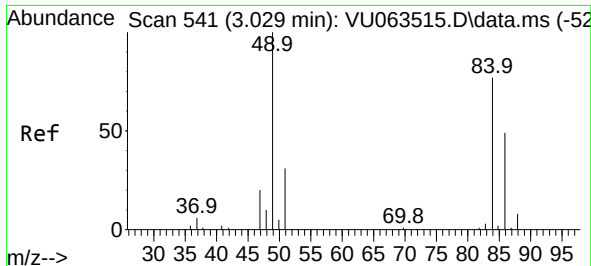
Tgt Ion: 76 Resp: 10386

Ion Ratio Lower Upper

76 100

78 9.3 7.0 10.6



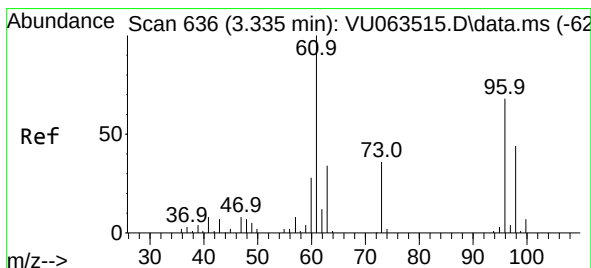
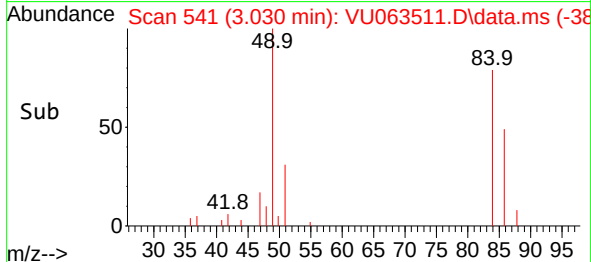
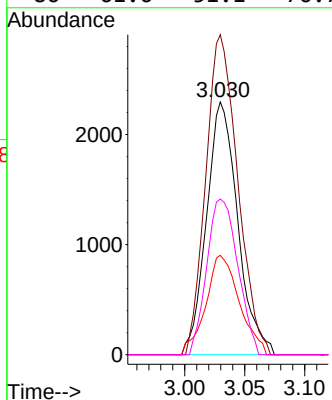
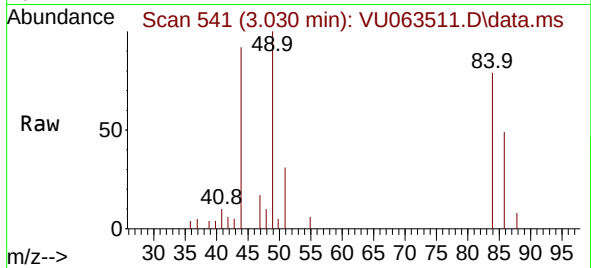


#15
Methylene Chloride
Concen: 0.535 ug/l
RT: 3.030 min Scan# 541
Delta R.T. 0.000 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion: 84 Resp: 4161

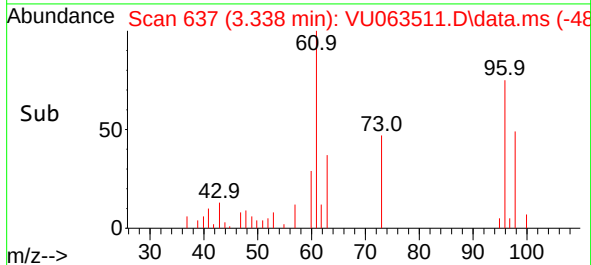
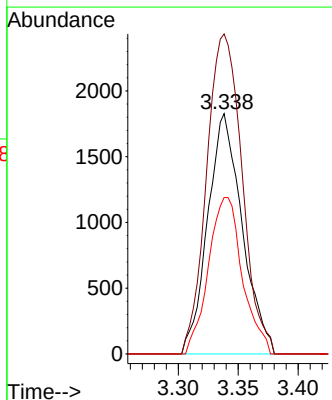
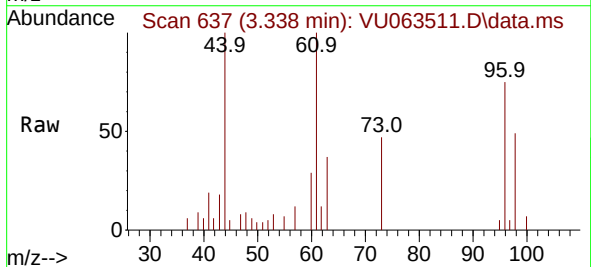
Ion	Ratio	Lower	Upper
84	100		
49	126.6	103.8	155.8
51	39.3	0.0	80.4
86	61.6	51.1	76.7

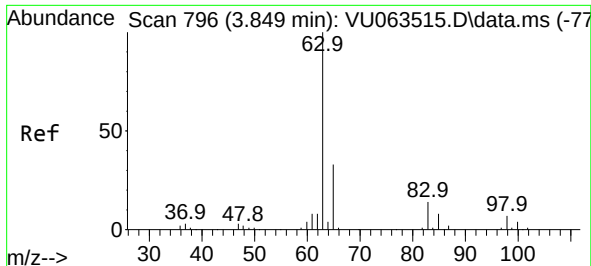


#16
trans-1,2-Dichloroethene
Concen: 0.487 ug/l
RT: 3.338 min Scan# 637
Delta R.T. 0.003 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

Tgt Ion: 96 Resp: 3653

Ion	Ratio	Lower	Upper
96	100		
61	133.2	117.2	175.8
98	65.1	51.4	77.2

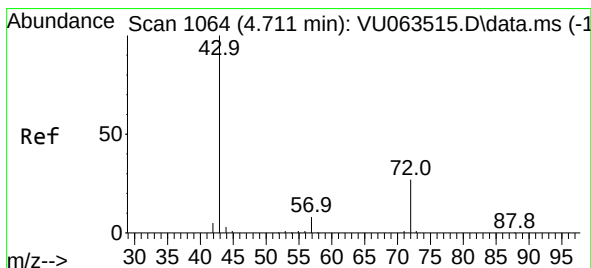
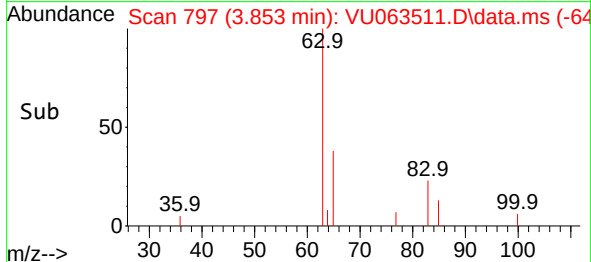
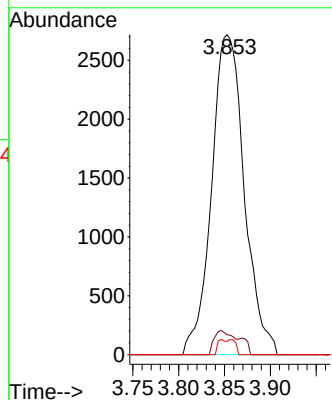
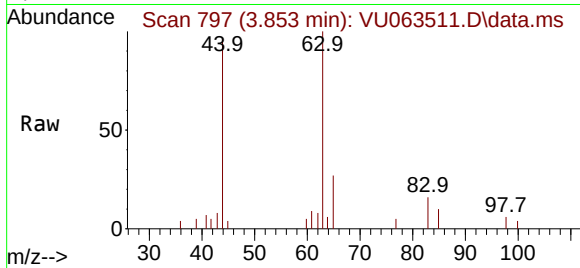




#17
 1,1-Dichloroethane
 Concen: 0.485 ug/l
 RT: 3.853 min Scan# 796
 Delta R.T. 0.003 min
 Lab File: VU063511.D
 Acq: 16 Jul 2025 09:24

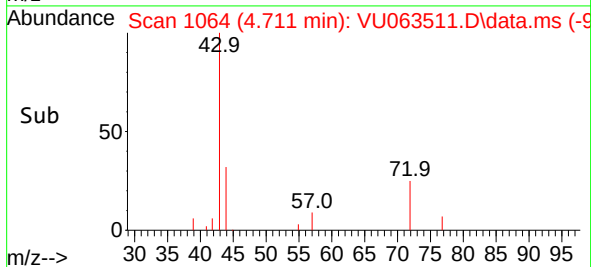
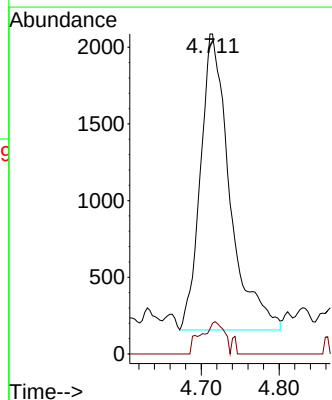
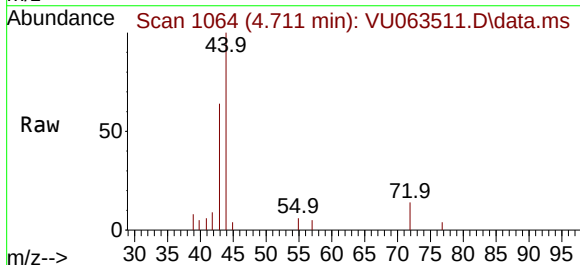
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

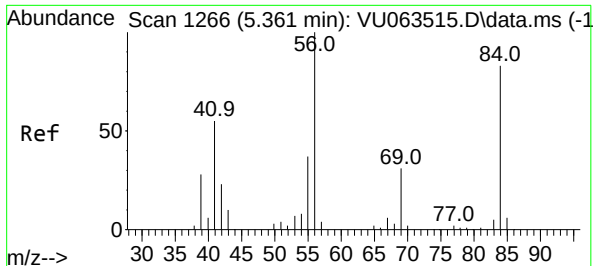
Tgt Ion: 63 Resp: 6739
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.4 10.2
 100 4.2 2.1 6.2



#18
 2-Butanone
 Concen: 2.467 ug/l
 RT: 4.711 min Scan# 1064
 Delta R.T. 0.000 min
 Lab File: VU063511.D
 Acq: 16 Jul 2025 09:24

Tgt Ion: 43 Resp: 5053
 Ion Ratio Lower Upper
 43 100
 57 8.4 0.0 16.4





#19

Cyclohexane

Concen: 0.487 ug/l

RT: 5.364 min Scan# 1266

Delta R.T. 0.003 min

Lab File: VU063511.D

Acq: 16 Jul 2025 09:24

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

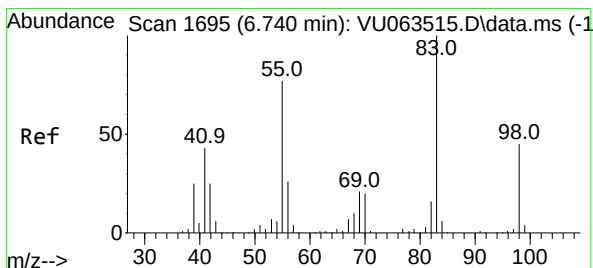
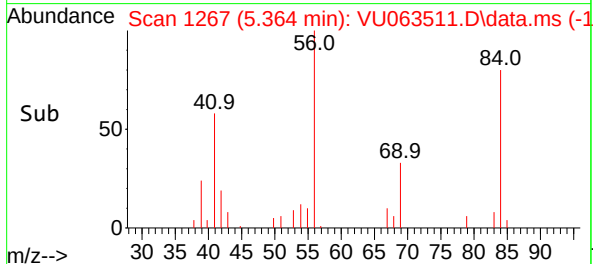
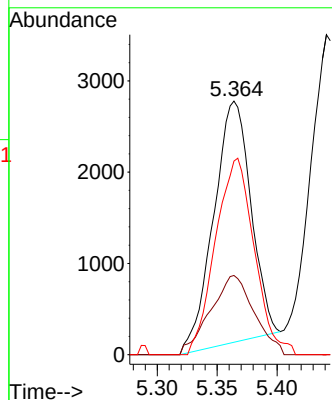
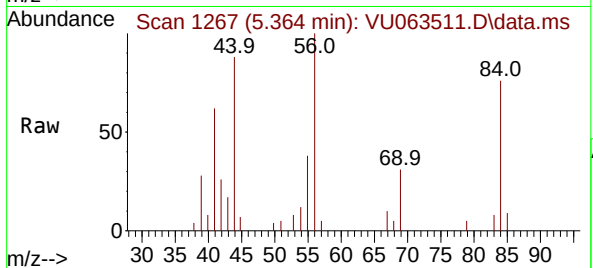
Tgt Ion: 56 Resp: 5734

Ion Ratio Lower Upper

56 100

69 38.3 26.6 39.8

84 84.7 71.0 106.4



#20

Methylcyclohexane

Concen: 0.491 ug/l

RT: 6.740 min Scan# 1695

Delta R.T. 0.000 min

Lab File: VU063511.D

Acq: 16 Jul 2025 09:24

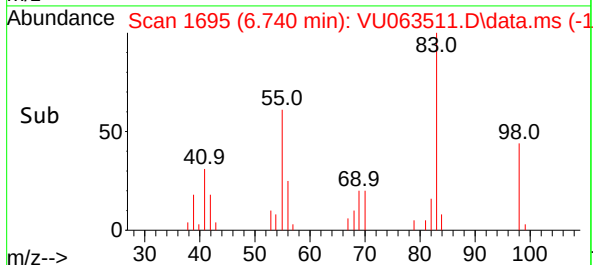
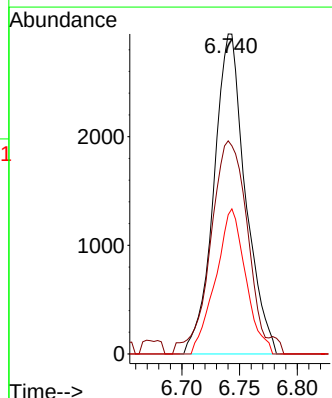
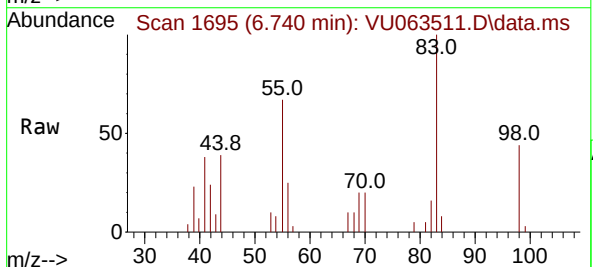
Tgt Ion: 83 Resp: 5613

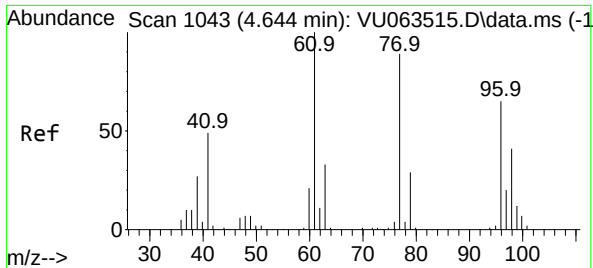
Ion Ratio Lower Upper

83 100

55 78.2 60.6 90.8

98 43.3 35.8 53.8

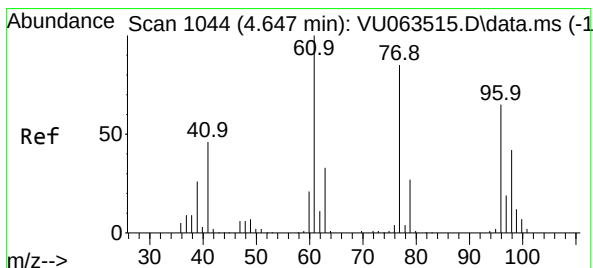
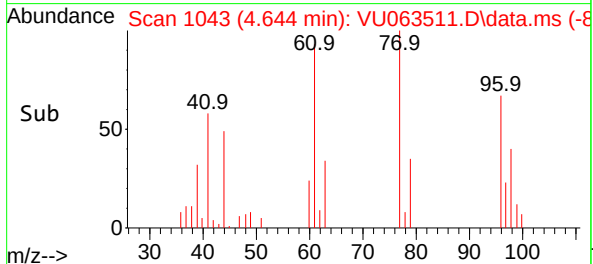
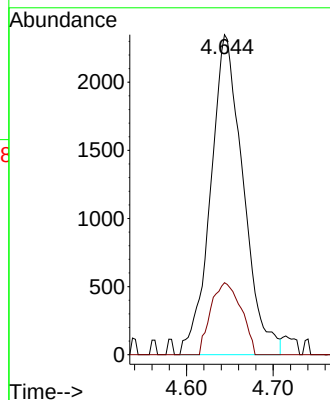
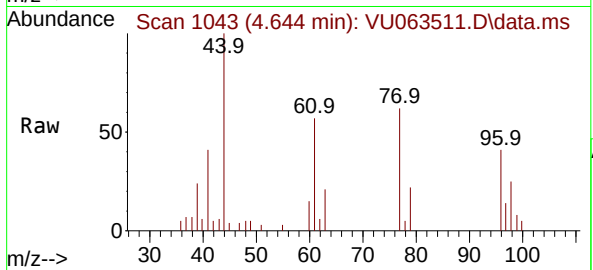




#21
2,2-Dichloropropane
Concen: 0.518 ug/l
RT: 4.644 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

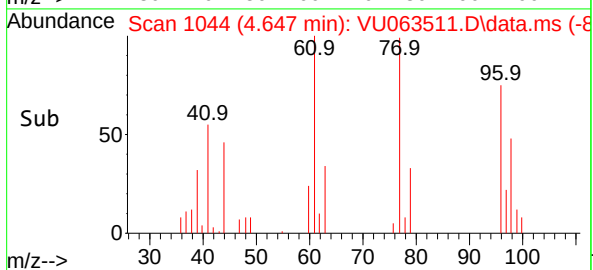
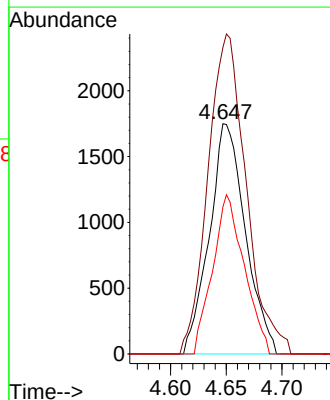
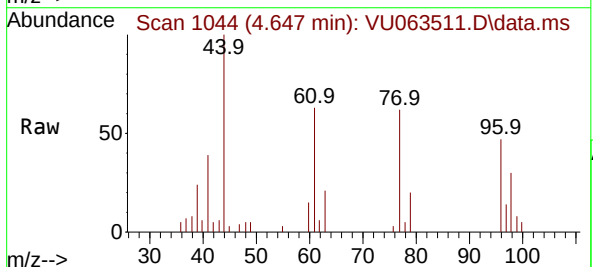
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

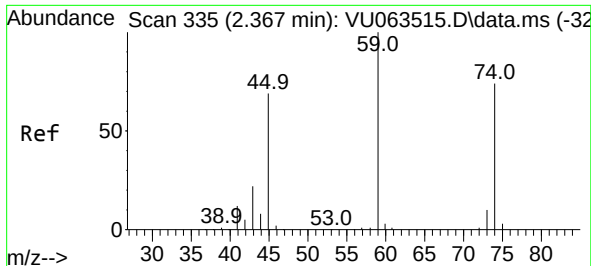
Tgt Ion: 77 Resp: 6127
Ion Ratio Lower Upper
77 100
97 20.9 17.8 26.8



#22
cis-1,2-Dichloroethene
Concen: 0.484 ug/l
RT: 4.647 min Scan# 1044
Delta R.T. 0.000 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

Tgt Ion: 96 Resp: 3941
Ion Ratio Lower Upper
96 100
61 147.0 0.0 384.7
98 60.6 32.1 96.3





#23

Diethyl Ether

Concen: 0.435 ug/l

RT: 2.370 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU063511.D

Acq: 16 Jul 2025 09:24

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

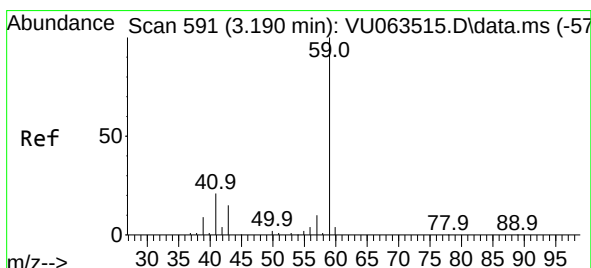
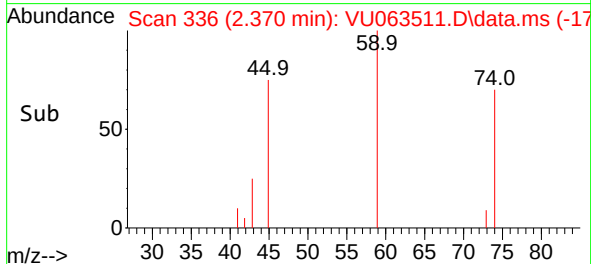
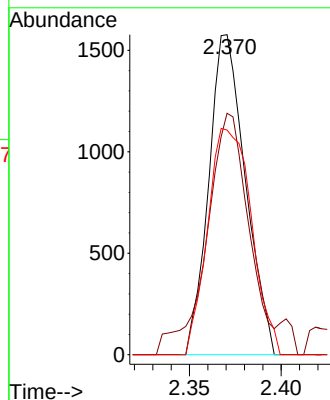
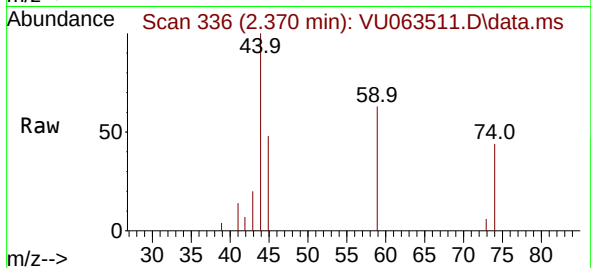
Tgt Ion: 59 Resp: 2188

Ion Ratio Lower Upper

59 100

45 86.5 55.1 82.7#

74 84.3 58.2 87.4



#24

tert-Butyl Alcohol

Concen: 4.620 ug/l

RT: 3.190 min Scan# 591

Delta R.T. 0.000 min

Lab File: VU063511.D

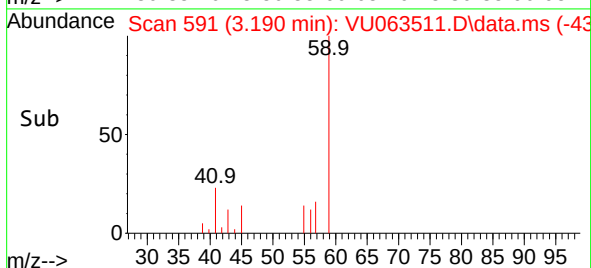
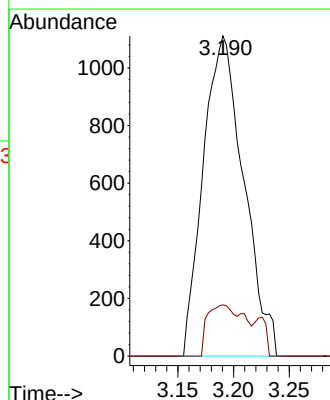
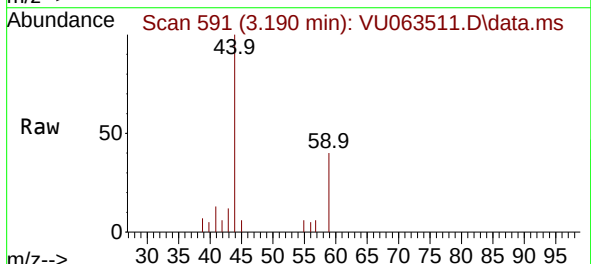
Acq: 16 Jul 2025 09:24

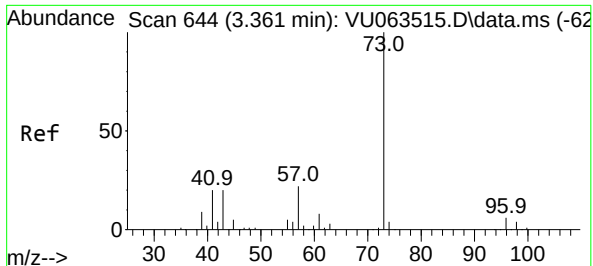
Tgt Ion: 59 Resp: 2805

Ion Ratio Lower Upper

59 100

57 14.4 8.6 12.8#

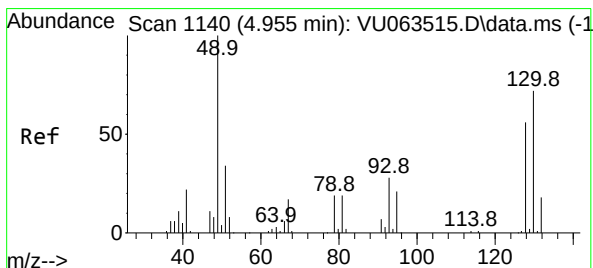
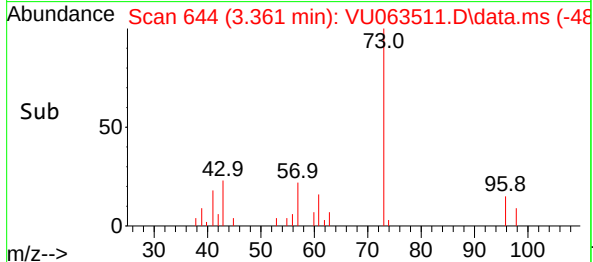
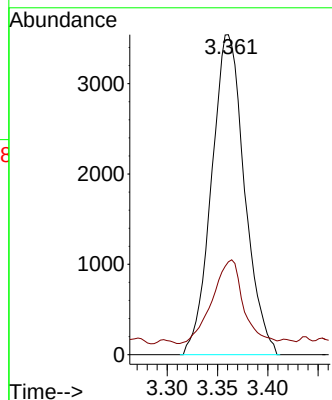
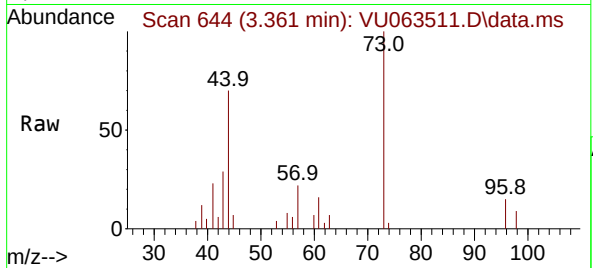




#25
Methyl tert-Butyl Ether
Concen: 0.469 ug/l
RT: 3.361 min Scan# 644
Delta R.T. 0.000 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

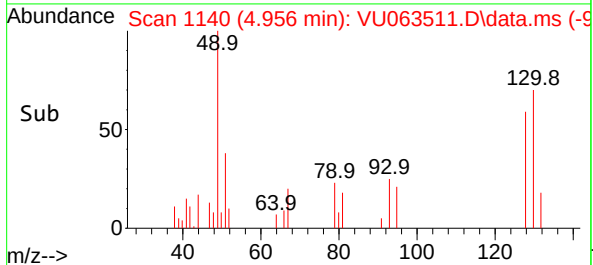
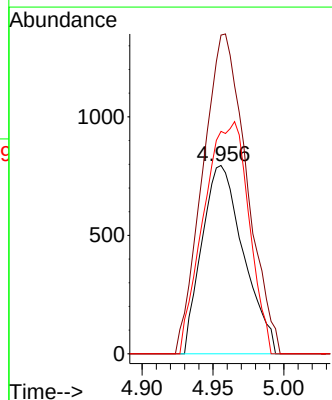
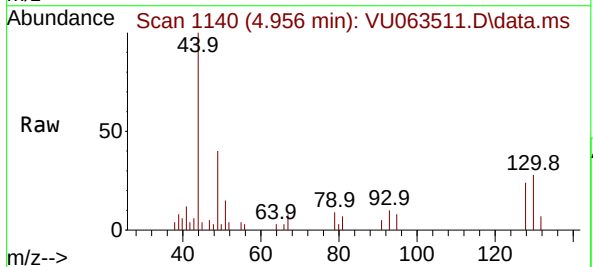
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

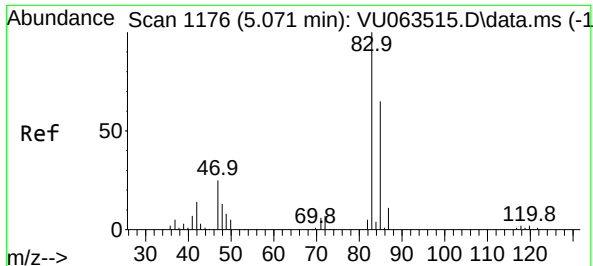
Tgt Ion: 73 Resp: 8075
Ion Ratio Lower Upper
73 100
43 24.5 16.2 24.2#



#26
Bromochloromethane
Concen: 0.478 ug/l
RT: 4.956 min Scan# 1140
Delta R.T. 0.000 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

Tgt Ion: 128 Resp: 1623
Ion Ratio Lower Upper
128 100
49 179.4 0.0 340.8
130 133.5 100.5 150.7





#27

Chloroform

Concen: 0.494 ug/l

RT: 5.075 min Scan# 1176

Delta R.T. 0.003 min

Lab File: VU063511.D

Acq: 16 Jul 2025 09:24

Instrument :

MSVOA_U

ClientSampleId :

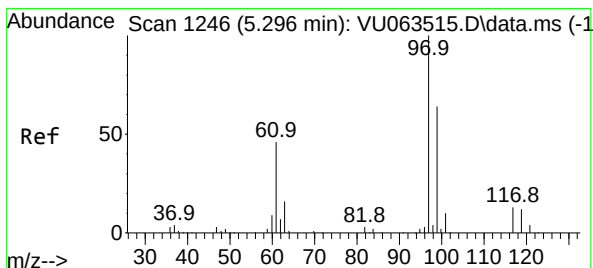
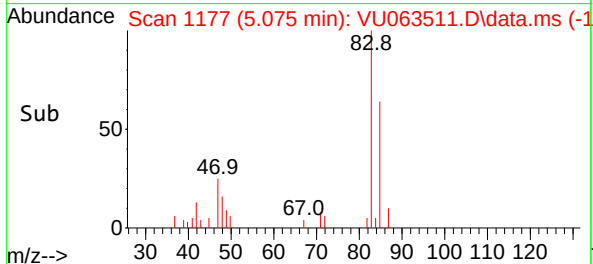
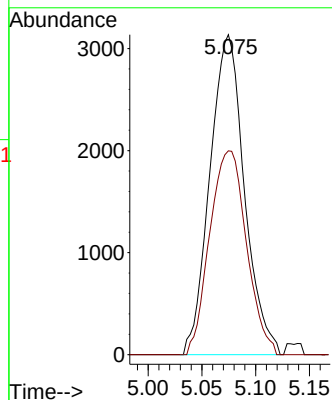
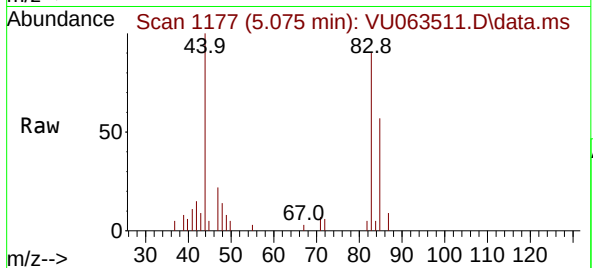
VSTDIC0.5

Tgt Ion: 83 Resp: 7007

Ion Ratio Lower Upper

83 100

85 63.7 0.0 130.0



#28

1,1,1-Trichloroethane

Concen: 0.483 ug/l

RT: 5.296 min Scan# 1246

Delta R.T. 0.000 min

Lab File: VU063511.D

Acq: 16 Jul 2025 09:24

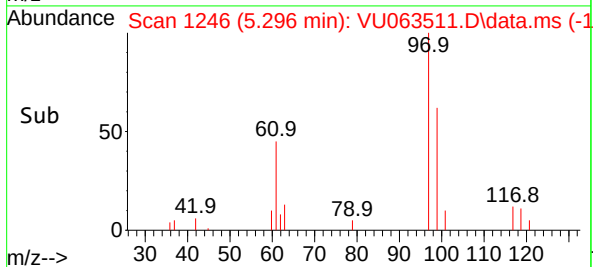
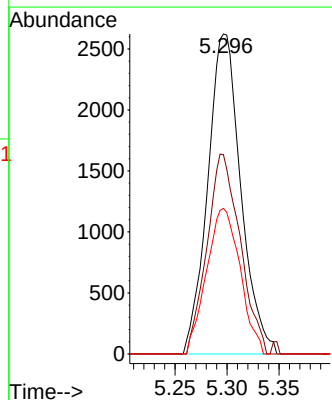
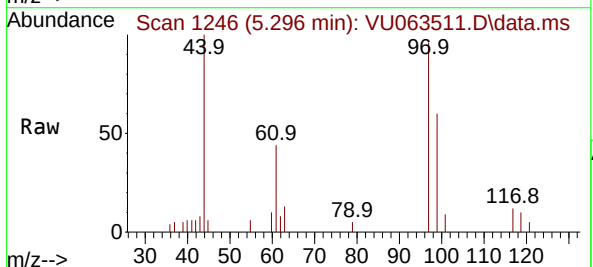
Tgt Ion: 97 Resp: 5809

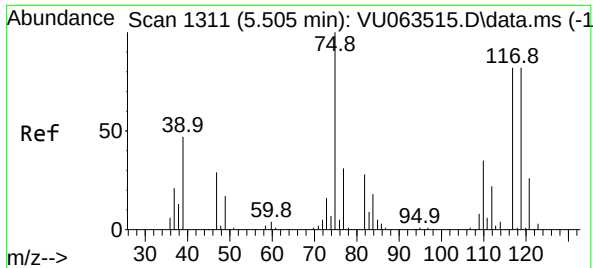
Ion Ratio Lower Upper

97 100

99 62.5 31.8 95.3

61 46.1 23.3 69.9

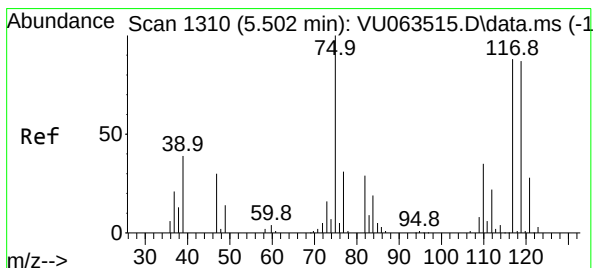
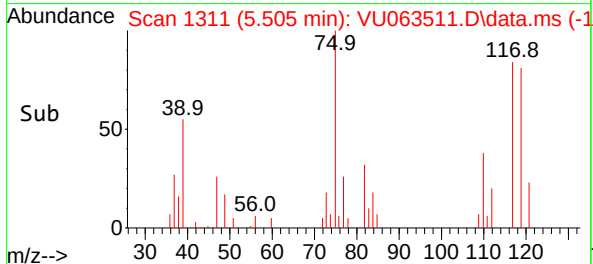
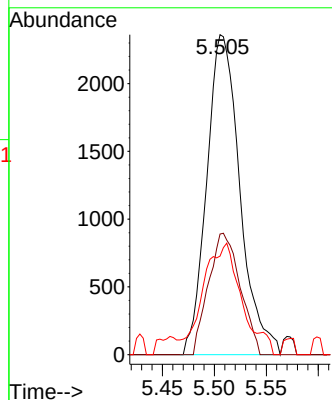
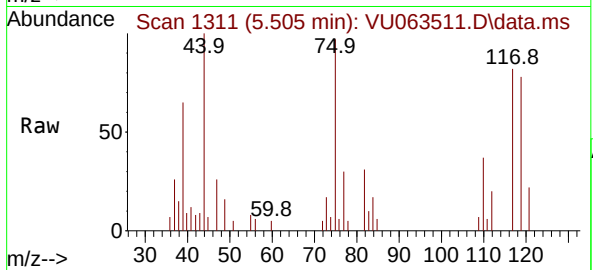




#29
1,1-Dichloropropene
Concen: 0.470 ug/l
RT: 5.505 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

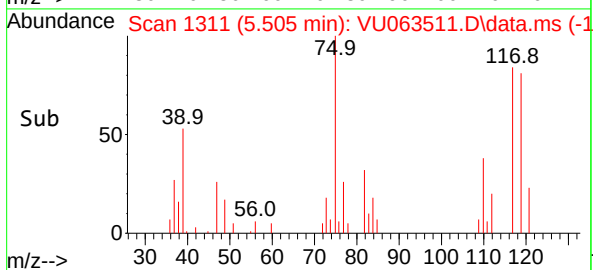
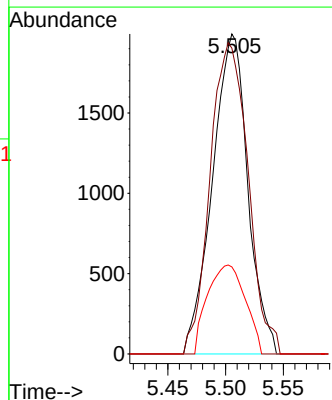
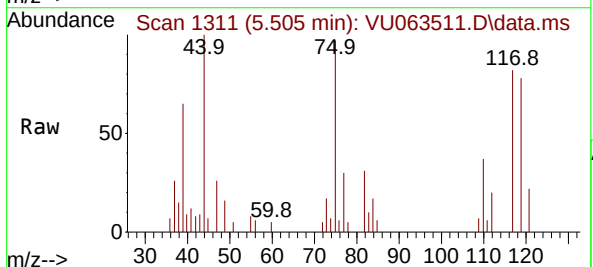
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

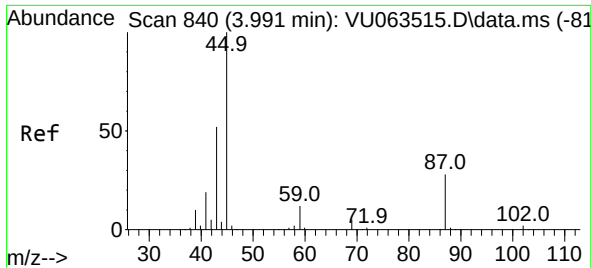
Tgt Ion: 75 Resp: 5244
Ion Ratio Lower Upper
75 100
110 36.2 17.8 53.4
77 40.4 24.6 37.0#



#30
Carbon Tetrachloride
Concen: 0.438 ug/l
RT: 5.505 min Scan# 1311
Delta R.T. 0.003 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

Tgt Ion: 117 Resp: 4239
Ion Ratio Lower Upper
117 100
119 95.5 79.2 118.8
121 27.2 25.5 38.3

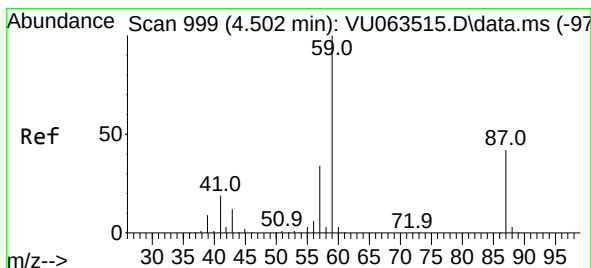
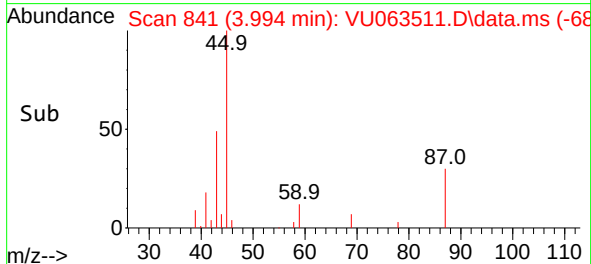
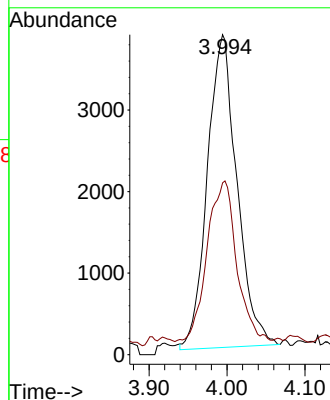
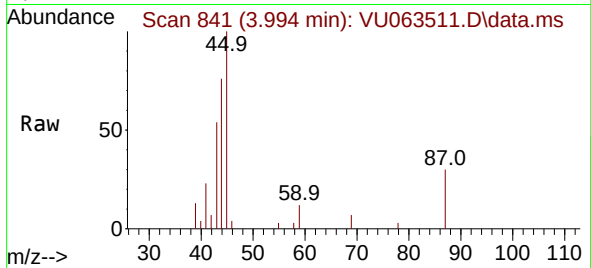




#31
Isopropyl Ether
Concen: 0.483 ug/l
RT: 3.994 min Scan# 841
Delta R.T. 0.003 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

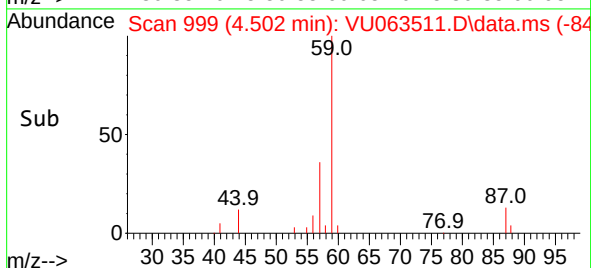
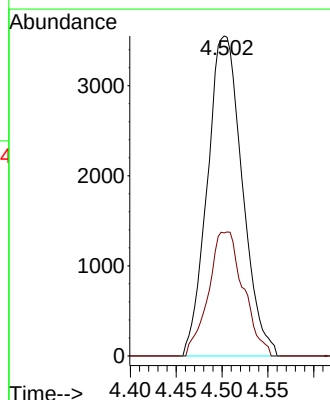
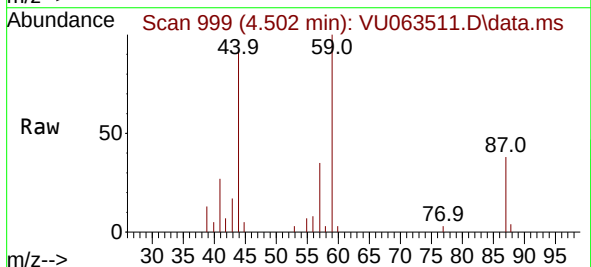
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

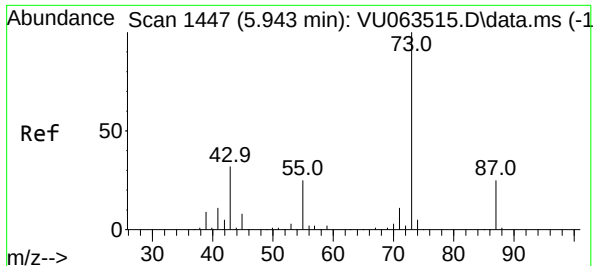
Tgt Ion: 45 Resp: 10123
Ion Ratio Lower Upper
45 100
43 51.1 25.7 77.0



#32
Ethyl-t-butyl ether
Concen: 0.484 ug/l
RT: 4.502 min Scan# 999
Delta R.T. 0.000 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

Tgt Ion: 59 Resp: 9396
Ion Ratio Lower Upper
59 100
87 38.8 32.6 49.0





#33

Tert-Amyl methyl ether

Concen: 0.515 ug/l

RT: 5.943 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VU063511.D

Acq: 16 Jul 2025 09:24

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

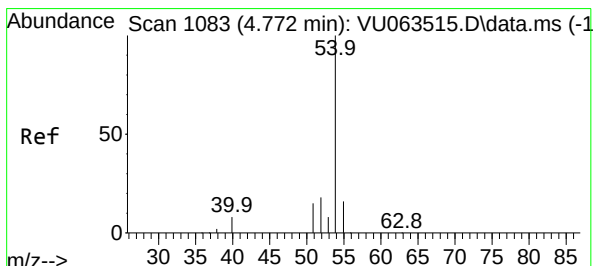
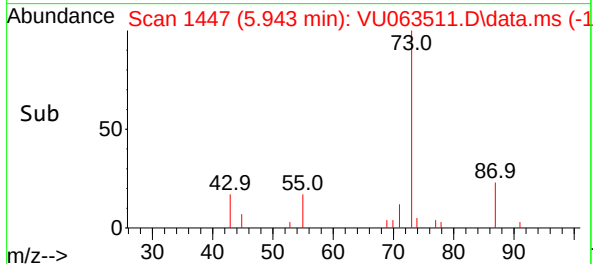
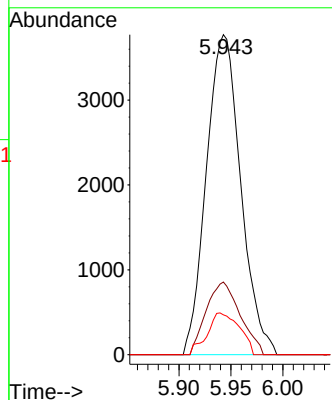
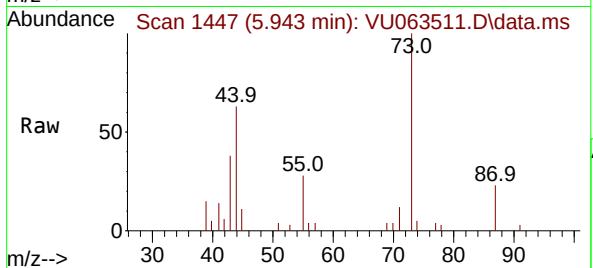
Tgt Ion: 73 Resp: 8680

Ion Ratio Lower Upper

73 100

87 22.5 19.4 29.2

71 12.2 8.9 13.3



#34

Propionitrile

Concen: 2.184 ug/l

RT: 4.779 min Scan# 1085

Delta R.T. 0.007 min

Lab File: VU063511.D

Acq: 16 Jul 2025 09:24

Tgt Ion: 54 Resp: 1363

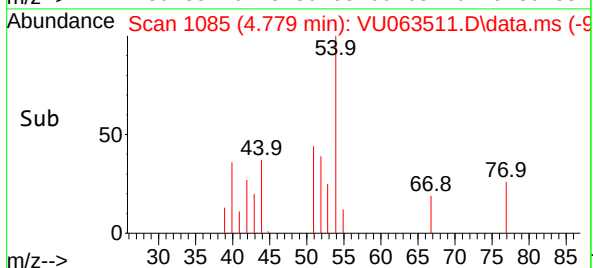
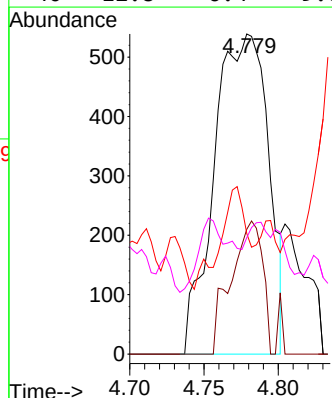
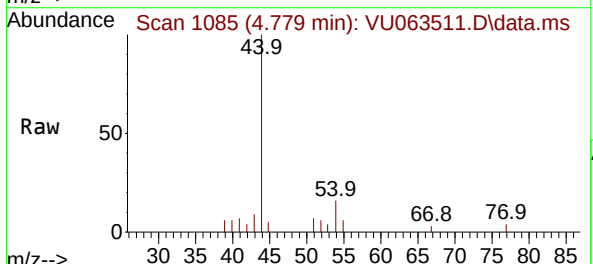
Ion Ratio Lower Upper

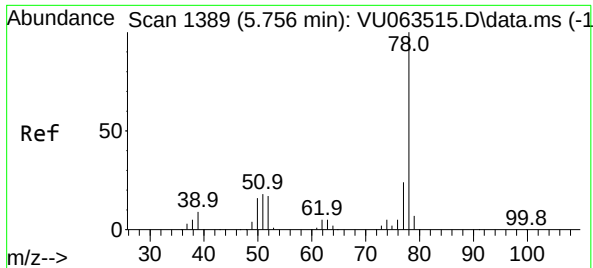
54 100

52 24.5 17.0 25.4

55 15.3 13.6 20.4

40 12.8 6.4 9.6#

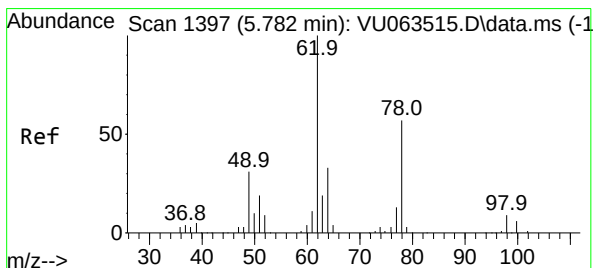
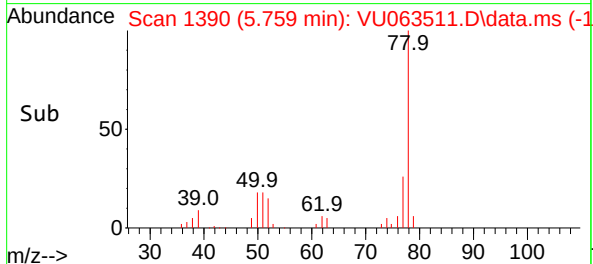
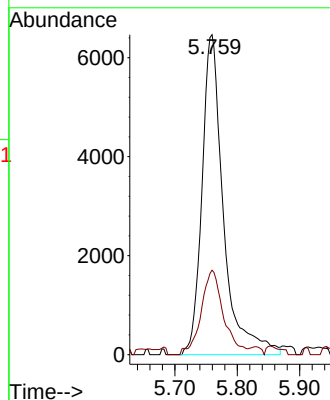
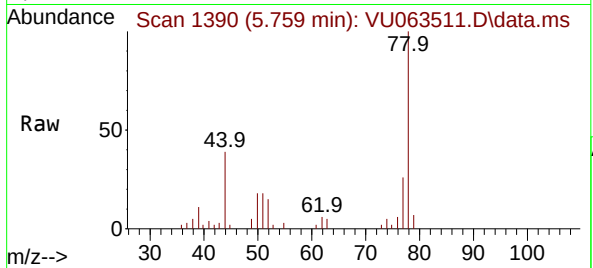




#35
Benzene
Concen: 0.517 ug/l
RT: 5.759 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

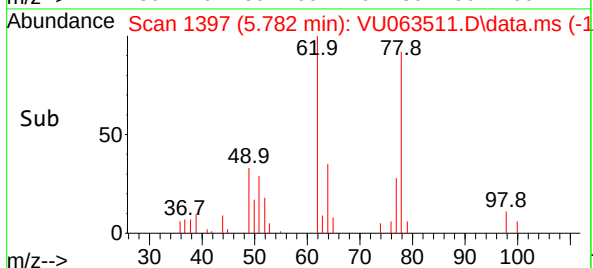
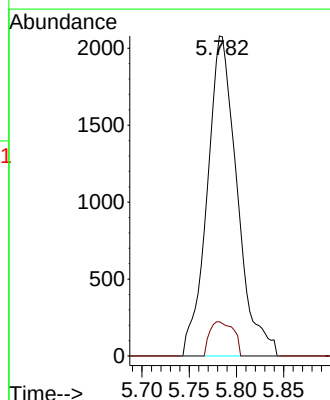
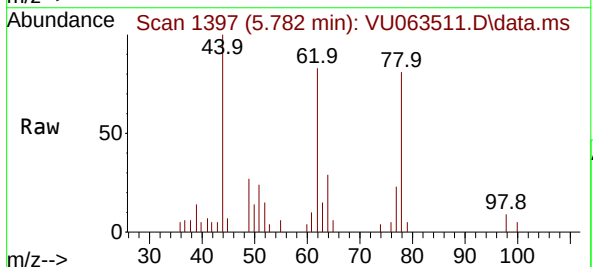
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

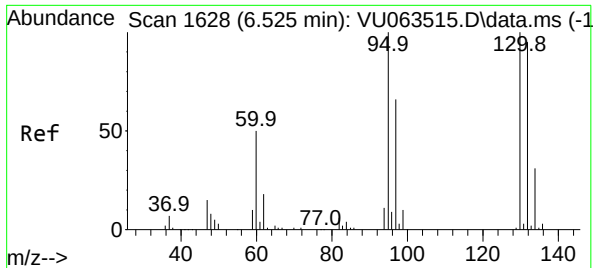
Tgt Ion: 78 Resp: 15477
Ion Ratio Lower Upper
78 100
77 26.4 19.4 29.2



#36
1,2-Dichloroethane
Concen: 0.492 ug/l
RT: 5.782 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

Tgt Ion: 62 Resp: 4577
Ion Ratio Lower Upper
62 100
98 8.5 6.4 9.6





#37

Trichloroethene

Concen: 0.522 ug/l

RT: 6.528 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063511.D

Acq: 16 Jul 2025 09:24

Instrument :

MSVOA_U

ClientSampleId :

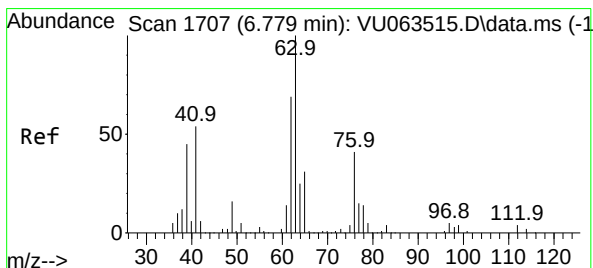
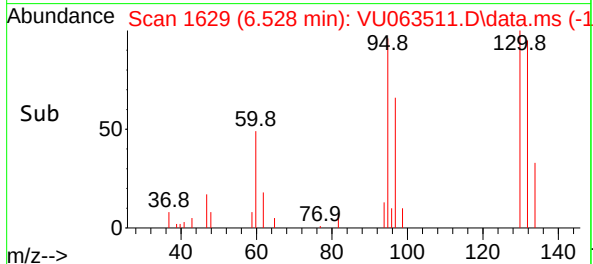
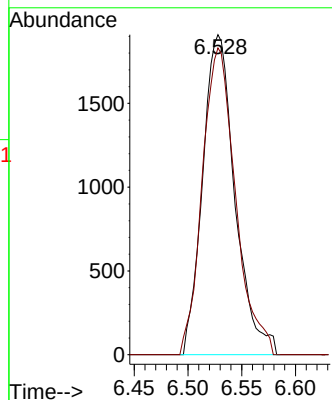
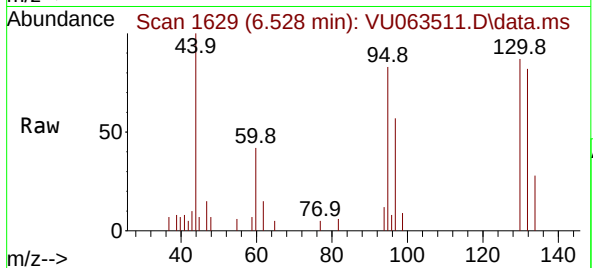
VSTDIC0.5

Tgt Ion:130 Resp: 3989

Ion Ratio Lower Upper

130 100

95 95.9 80.3 120.5



#38

1,2-Dichloropropane

Concen: 0.426 ug/l

RT: 6.782 min Scan# 1708

Delta R.T. 0.003 min

Lab File: VU063511.D

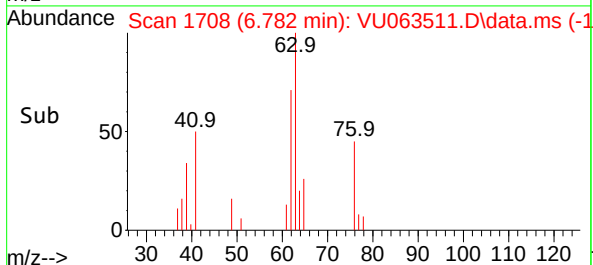
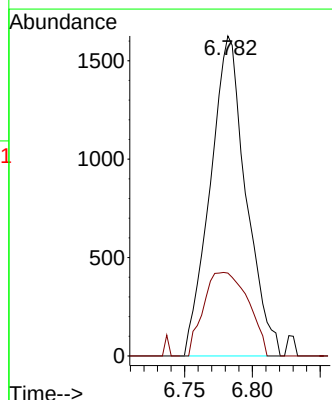
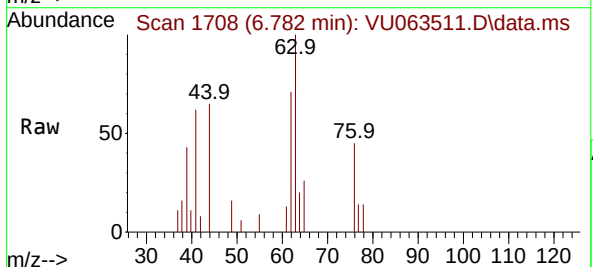
Acq: 16 Jul 2025 09:24

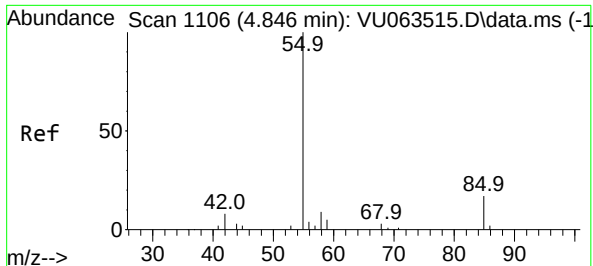
Tgt Ion: 63 Resp: 2987

Ion Ratio Lower Upper

63 100

65 25.9 24.6 36.8

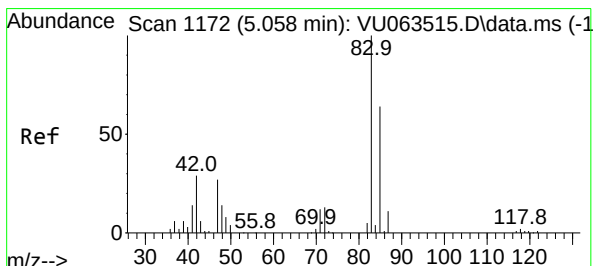
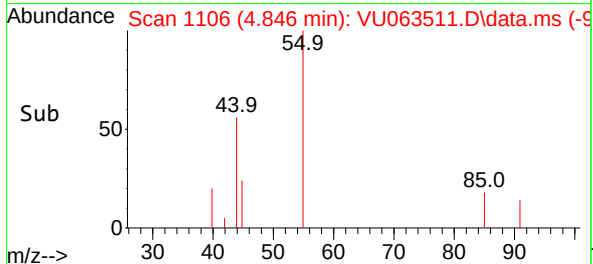
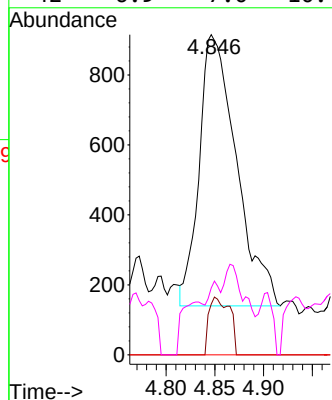
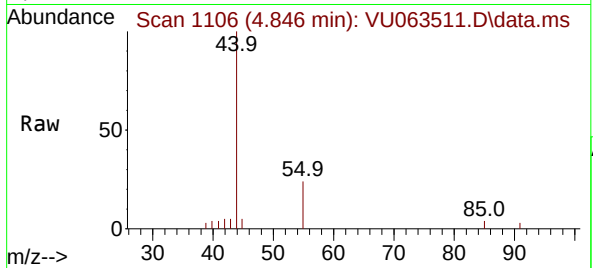




#40
Methyl acrylate
Concen: 0.508 ug/l
RT: 4.846 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

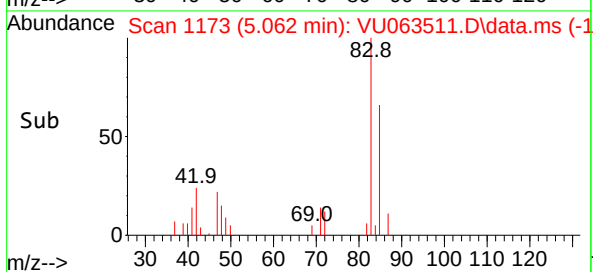
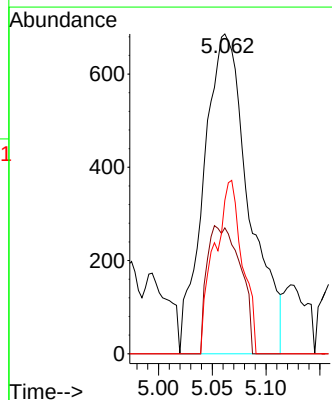
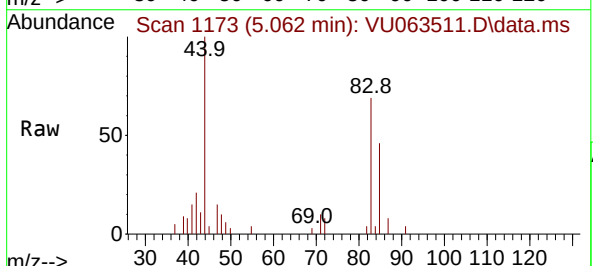
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

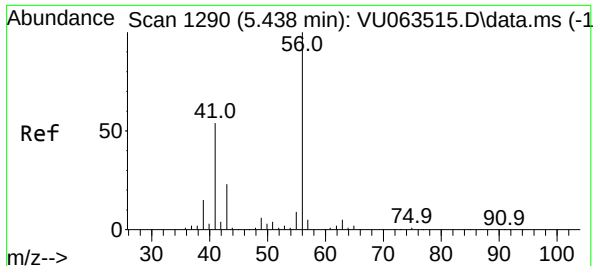
Tgt Ion:	55	Resp:	2059
Ion	Ratio	Lower	Upper
55	100		
85	11.8	12.8	19.2#
58	0.0	7.0	10.4#
42	6.9	7.0	10.4#



#41
Tetrahydrofuran
Concen: 1.376 ug/l
RT: 5.062 min Scan# 1173
Delta R.T. 0.003 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

Tgt Ion:	42	Resp:	2008
Ion	Ratio	Lower	Upper
42	100		
72	29.3	39.2	58.8#
71	33.5	34.8	52.2#





#42

1-Chlorobutane

Concen: 0.493 ug/l

RT: 5.441 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063511.D

Acq: 16 Jul 2025 09:24

Instrument :

MSVOA_U

ClientSampleId :

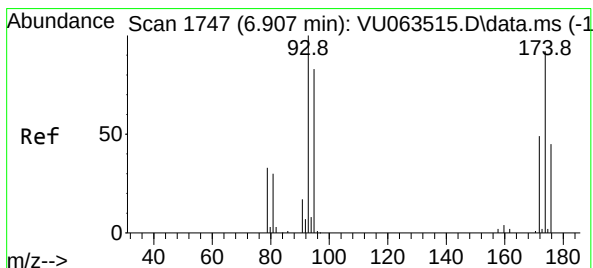
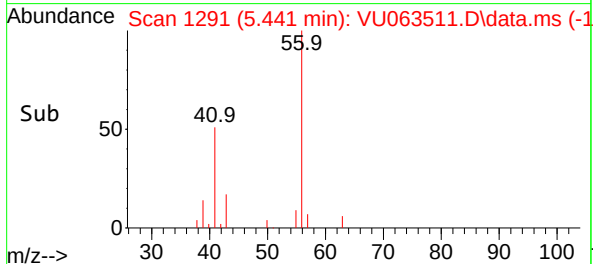
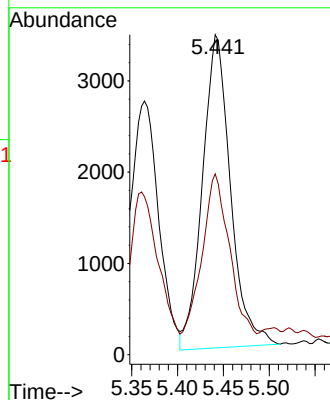
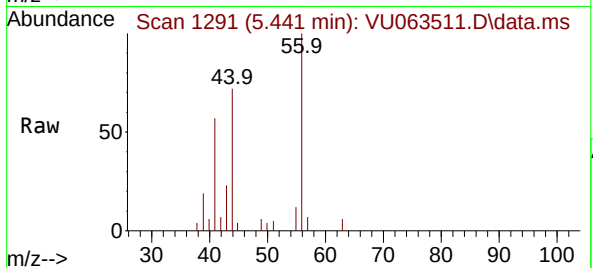
VSTDICC0.5

Tgt Ion: 56 Resp: 7303

Ion Ratio Lower Upper

56 100

41 48.2 26.7 80.0



#43

Dibromomethane

Concen: 0.462 ug/l

RT: 6.907 min Scan# 1747

Delta R.T. 0.000 min

Lab File: VU063511.D

Acq: 16 Jul 2025 09:24

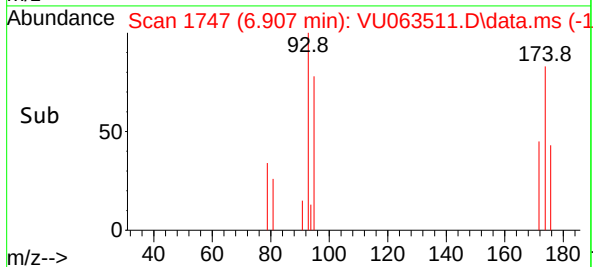
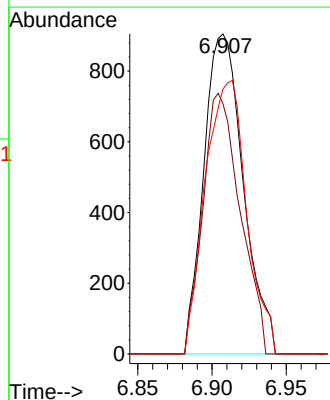
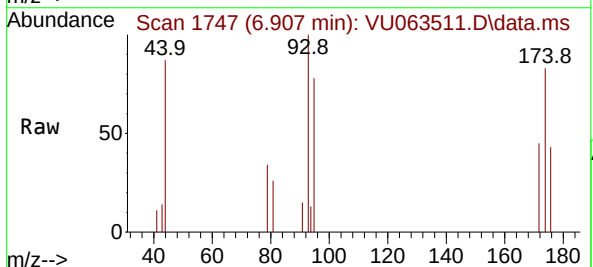
Tgt Ion: 93 Resp: 1679

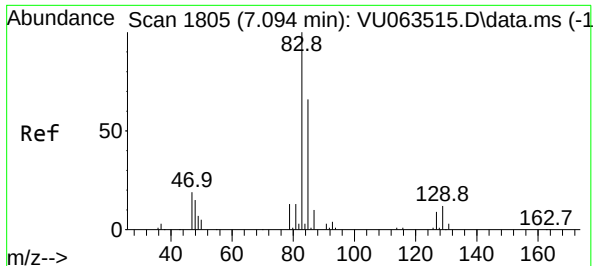
Ion Ratio Lower Upper

93 100

95 77.2 67.9 101.9

174 89.3 74.6 111.8

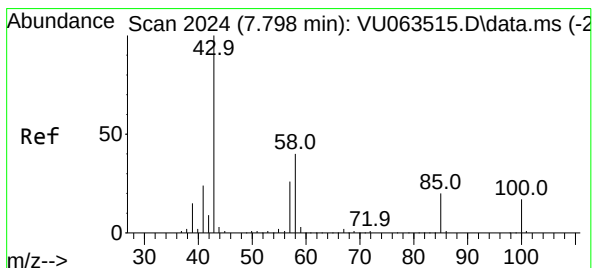
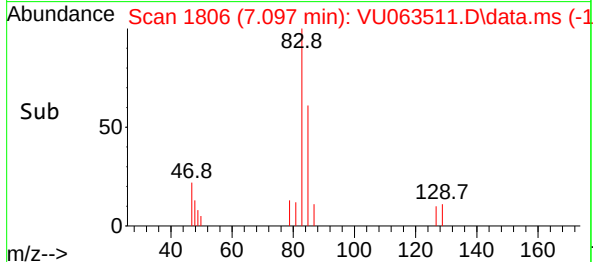
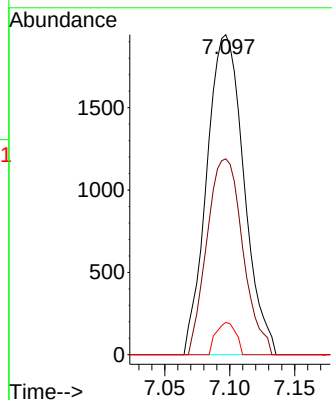
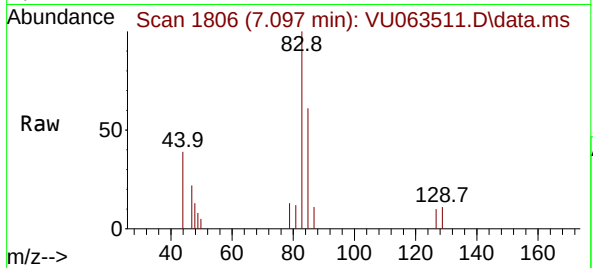




#44
Bromodichloromethane
Concen: 0.471 ug/l
RT: 7.097 min Scan# 1806
Delta R.T. 0.003 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

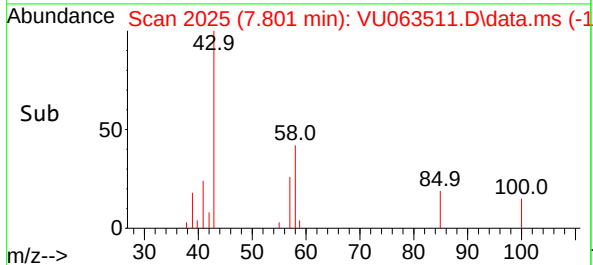
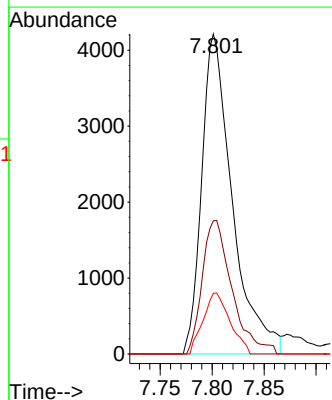
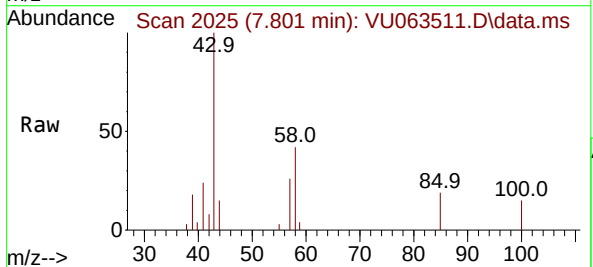
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

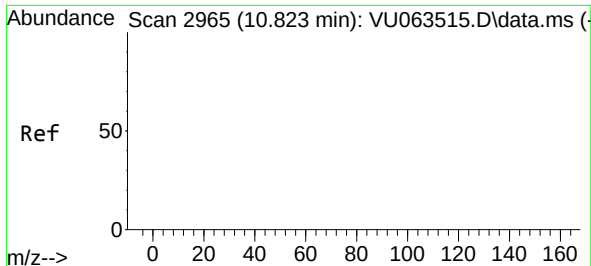
Tgt Ion:	83	Resp:	3861
Ion Ratio	Lower	Upper	
83	100		
85	61.2	52.7	79.1
127	10.1	8.1	12.1



#45
4-Methyl-2-Pentanone
Concen: 2.301 ug/l
RT: 7.801 min Scan# 2025
Delta R.T. 0.003 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

Tgt Ion:	43	Resp:	8613
Ion Ratio	Lower	Upper	
43	100		
58	40.6	20.0	60.0
85	16.7	15.4	23.0

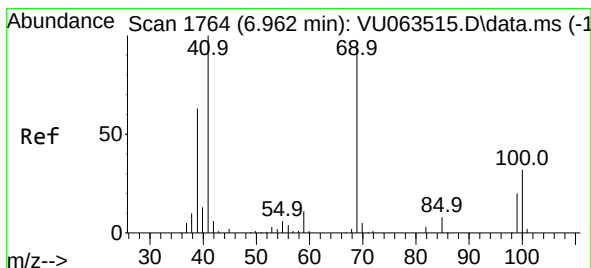
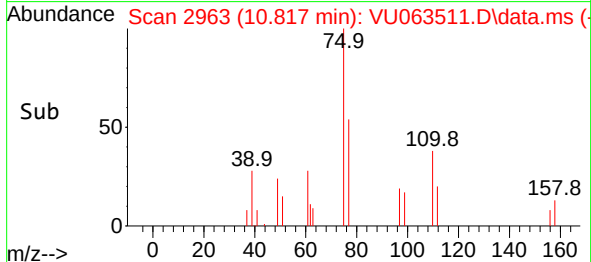
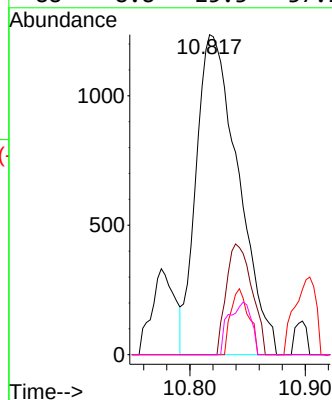
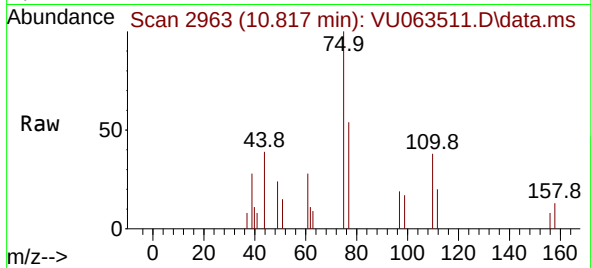




#46
 t-1,4-Dichloro-2-butene
 Concen: 2.351 ug/l
 RT: 10.817 min Scan# 2963
 Delta R.T. -0.006 min
 Lab File: VU063511.D
 Acq: 16 Jul 2025 09:24

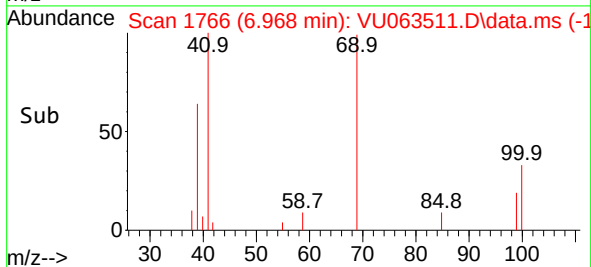
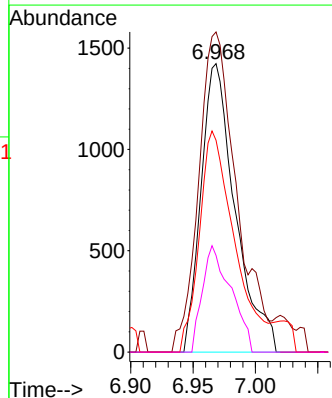
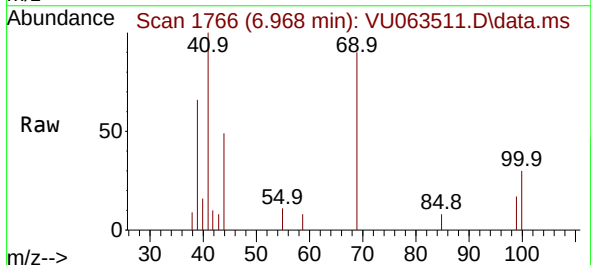
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

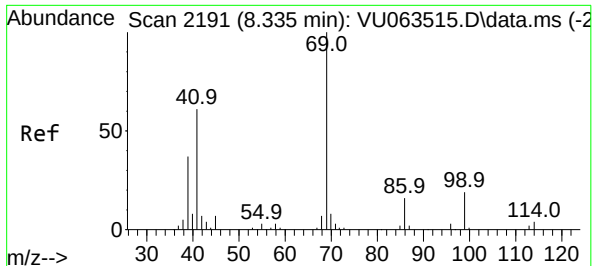
Tgt Ion: 75 Resp: 3122
 Ion Ratio Lower Upper
 75 100
 53 21.0 48.4 72.6#
 89 8.8 30.6 45.8#
 88 8.8 25.3 37.9#



#47
 Methyl methacrylate
 Concen: 0.889 ug/l
 RT: 6.968 min Scan# 1766
 Delta R.T. 0.007 min
 Lab File: VU063511.D
 Acq: 16 Jul 2025 09:24

Tgt Ion: 69 Resp: 2712
 Ion Ratio Lower Upper
 69 100
 41 123.9 0.0 224.0
 39 78.5 55.3 82.9
 100 30.8 29.0 43.6





#48

Ethyl methacrylate

Concen: 0.451 ug/l

RT: 8.341 min Scan# 2191

Delta R.T. 0.007 min

Lab File: VU063511.D

Acq: 16 Jul 2025 09:24

Instrument :

MSVOA_U

ClientSampleId :

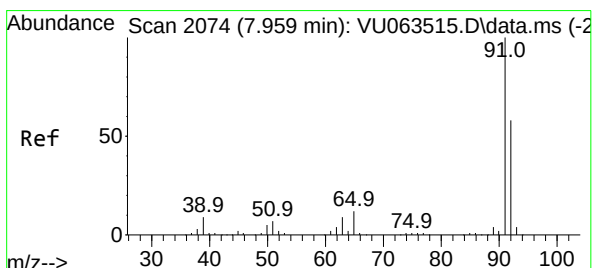
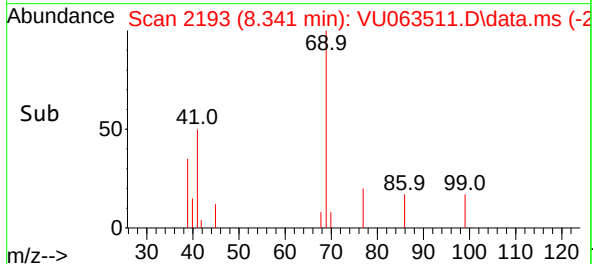
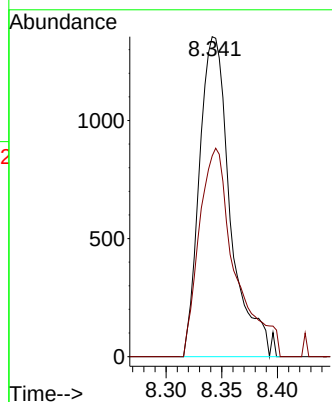
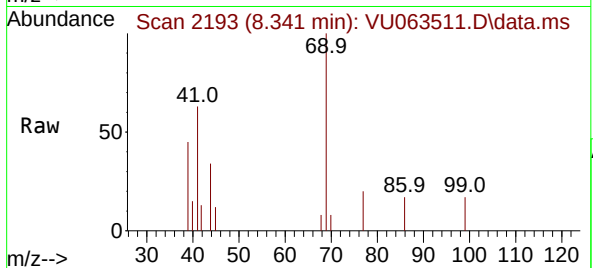
VSTDIC0.5

Tgt Ion: 69 Resp: 2622

Ion Ratio Lower Upper

69 100

41 75.1 30.8 92.4



#49

Toluene

Concen: 0.452 ug/l

RT: 7.965 min Scan# 2076

Delta R.T. 0.007 min

Lab File: VU063511.D

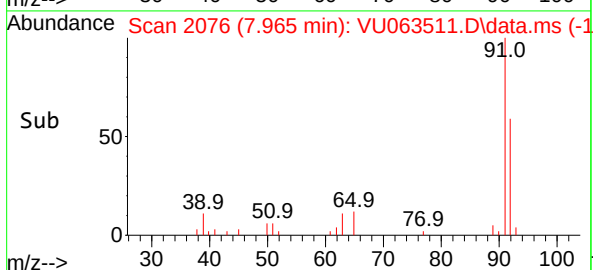
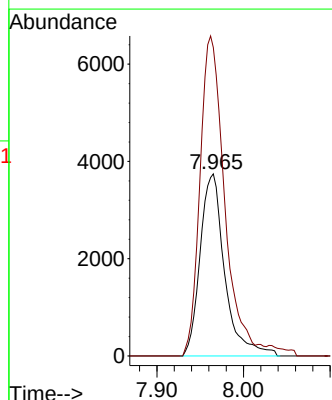
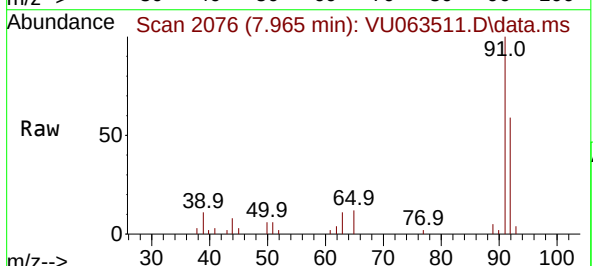
Acq: 16 Jul 2025 09:24

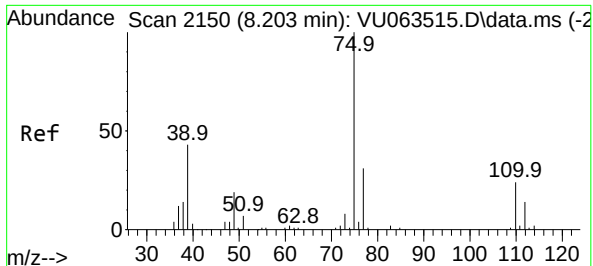
Tgt Ion: 92 Resp: 7397

Ion Ratio Lower Upper

92 100

91 175.6 140.4 210.6





#50

t-1,3-Dichloropropene

Concen: 0.421 ug/l

RT: 8.209 min Scan# 2150

Delta R.T. 0.007 min

Lab File: VU063511.D

Acq: 16 Jul 2025 09:24

Instrument :

MSVOA_U

ClientSampleId :

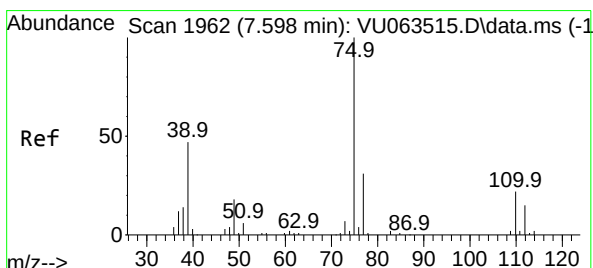
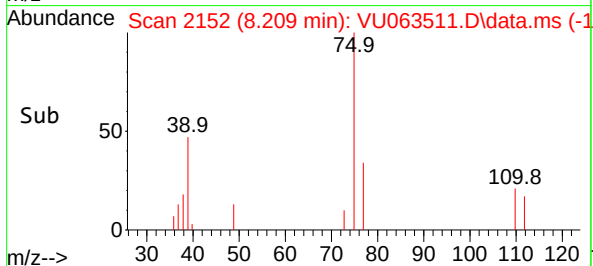
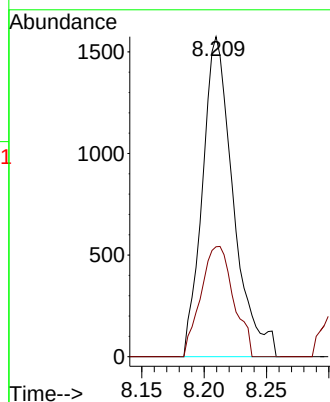
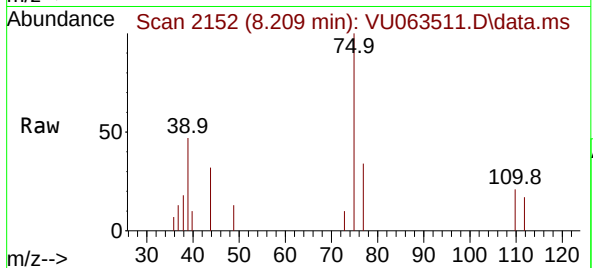
VSTDICC0.5

Tgt Ion: 75 Resp: 2708

Ion Ratio Lower Upper

75 100

77 34.3 24.9 37.3



#51

cis-1,3-Dichloropropene

Concen: 0.419 ug/l

RT: 7.602 min Scan# 1963

Delta R.T. 0.003 min

Lab File: VU063511.D

Acq: 16 Jul 2025 09:24

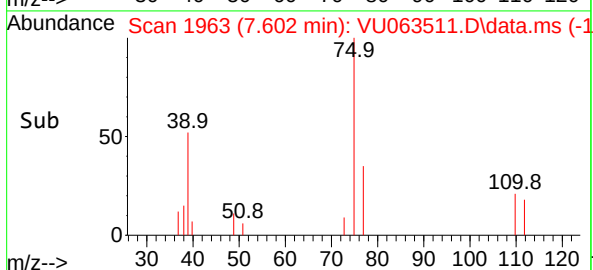
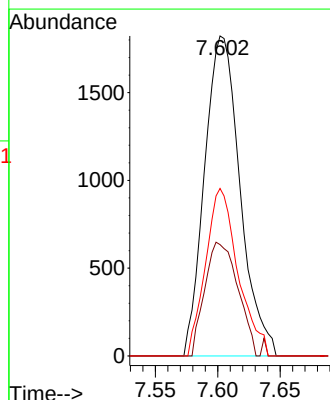
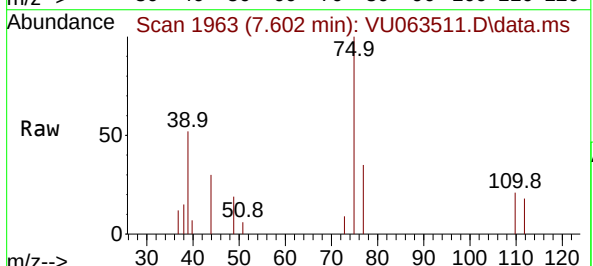
Tgt Ion: 75 Resp: 3613

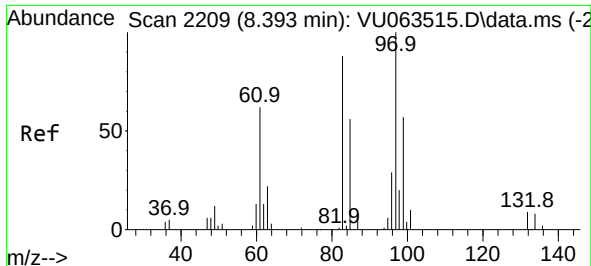
Ion Ratio Lower Upper

75 100

77 34.8 25.1 37.7

39 52.3 37.8 56.6

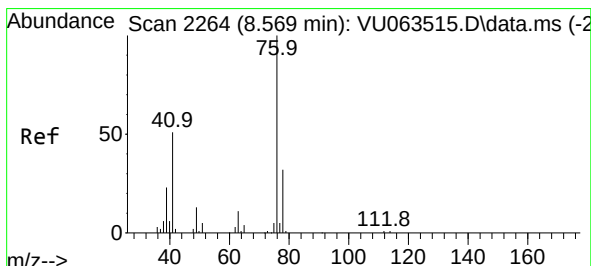
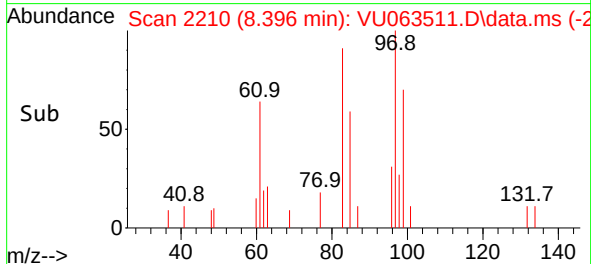
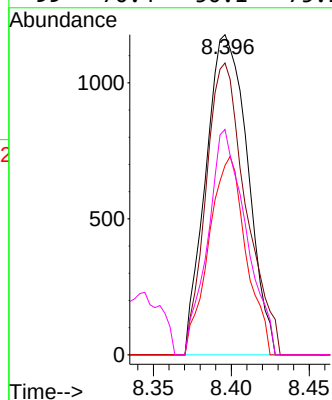
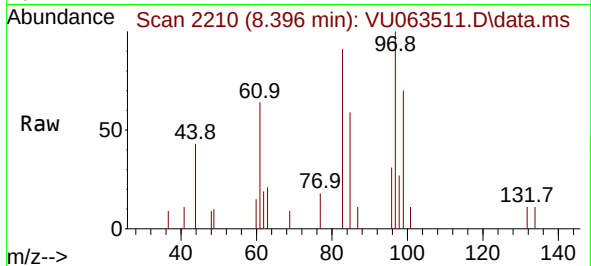




#52
1,1,2-Trichloroethane
Concen: 0.449 ug/l
RT: 8.396 min Scan# 2110
Delta R.T. 0.003 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

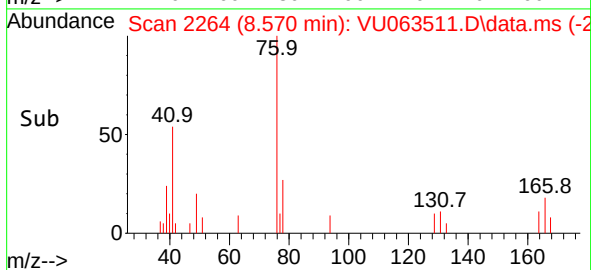
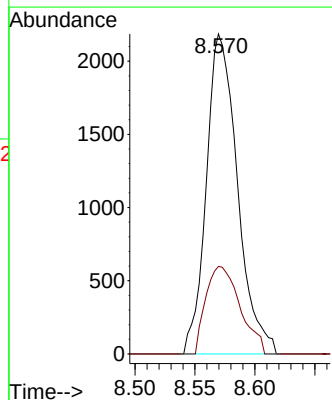
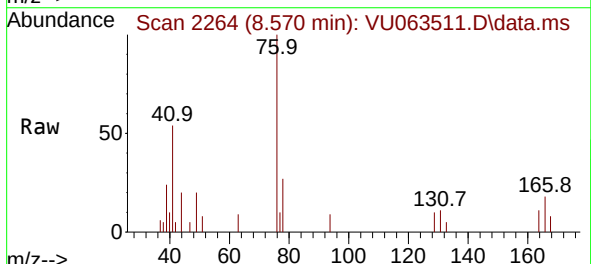
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

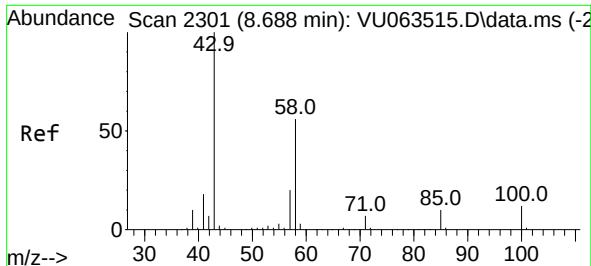
Tgt Ion:	97	Resp:	2194
Ion	Ratio	Lower	Upper
97	100		
83	91.2	70.2	105.2
85	59.1	45.2	67.8
99	70.4	50.1	75.1



#53
1,3-Dichloropropane
Concen: 0.467 ug/l
RT: 8.570 min Scan# 2264
Delta R.T. 0.000 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

Tgt Ion:	76	Resp:	3944
Ion	Ratio	Lower	Upper
76	100		
78	30.2	26.0	39.0

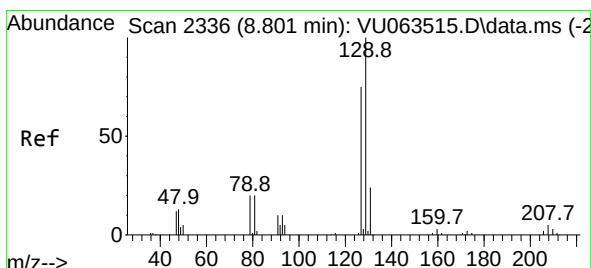
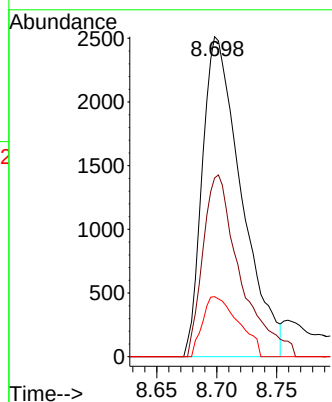
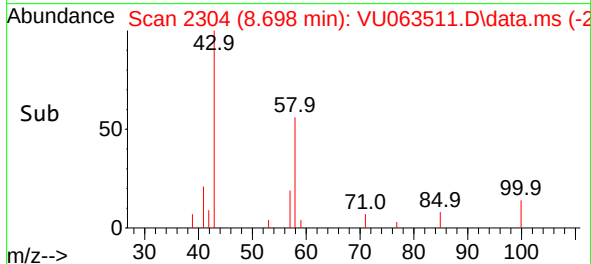
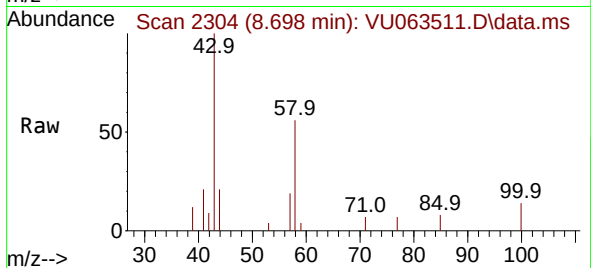




#54
2-Hexanone
Concen: 2.289 ug/l
RT: 8.698 min Scan# 21
Delta R.T. 0.010 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

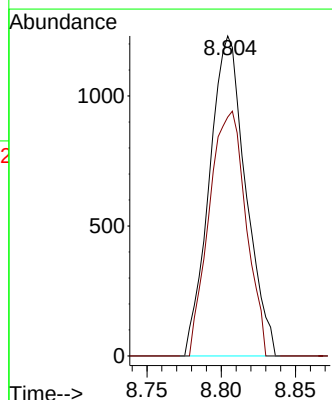
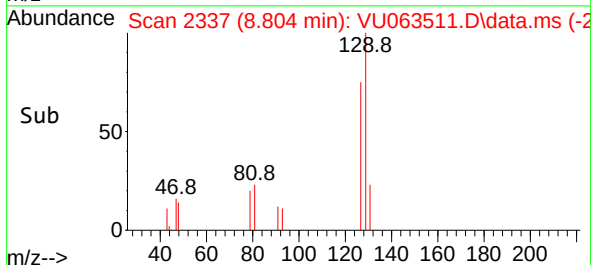
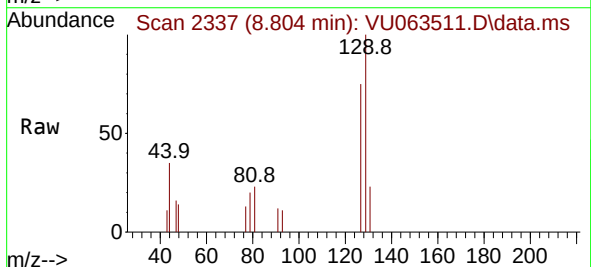
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

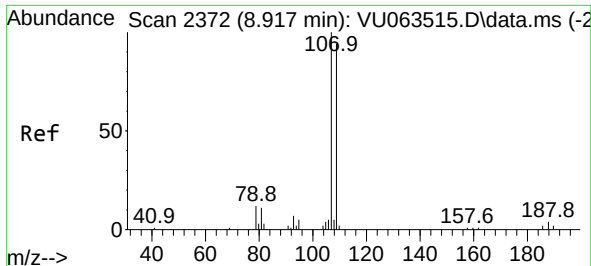
Tgt Ion: 43 Resp: 5691
Ion Ratio Lower Upper
43 100
58 54.1 34.8 74.8
57 17.3 0.0 39.5



#55
Dibromochloromethane
Concen: 0.406 ug/l
RT: 8.804 min Scan# 2337
Delta R.T. 0.003 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

Tgt Ion: 129 Resp: 2097
Ion Ratio Lower Upper
129 100
127 77.3 60.1 90.1

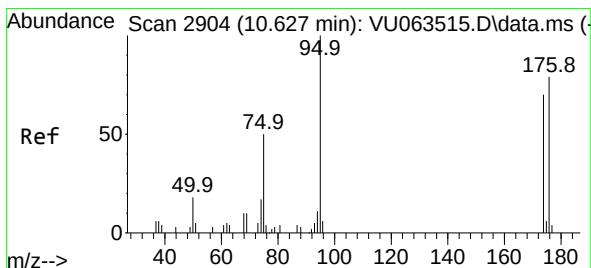
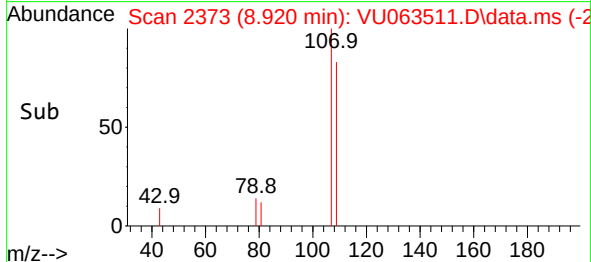
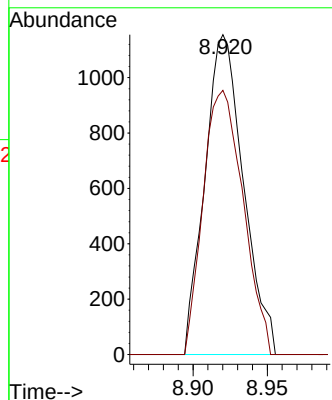
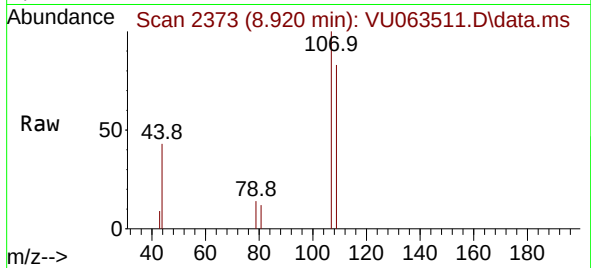




#56
1,2-Dibromoethane
Concen: 0.477 ug/l
RT: 8.920 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

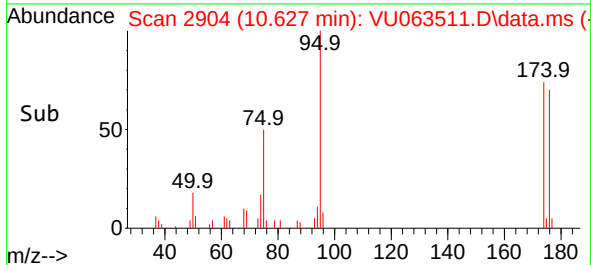
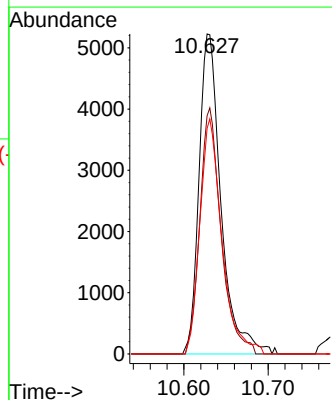
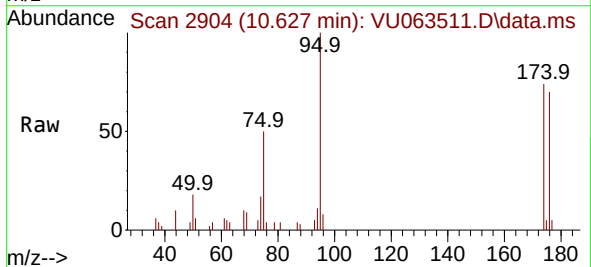
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

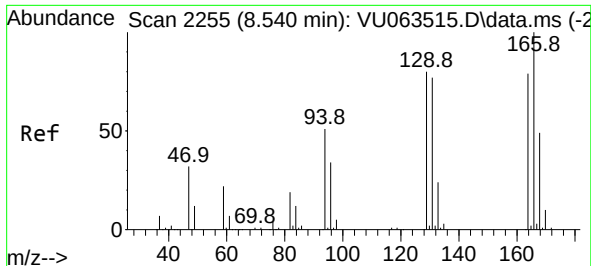
Tgt Ion:107 Resp: 2089
Ion Ratio Lower Upper
107 100
109 85.6 0.0 186.4



#57
4-Bromofluorobenzene
Concen: 0.986 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. 0.000 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

Tgt Ion: 95 Resp: 9489
Ion Ratio Lower Upper
95 100
174 74.2 59.8 89.8
176 73.7 61.8 92.8



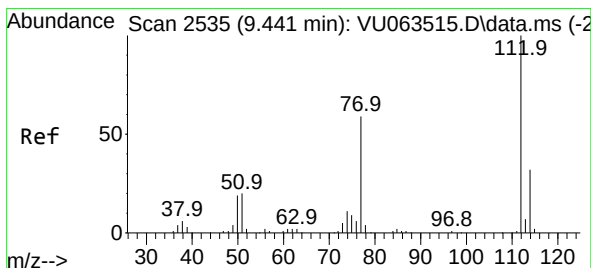
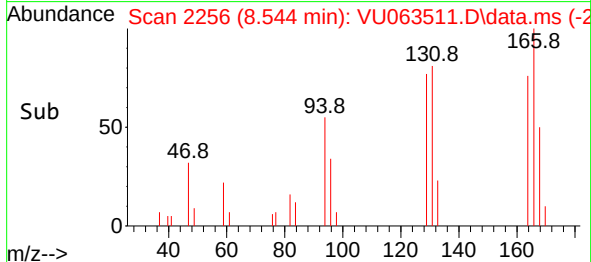
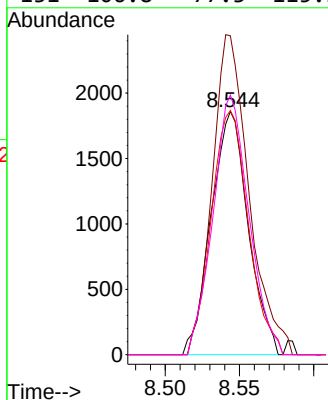
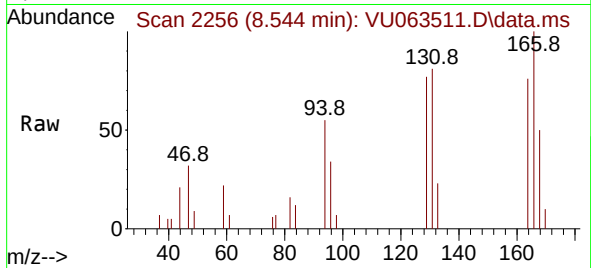


#58
Tetrachloroethene
Concen: 0.461 ug/l
RT: 8.544 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion:164 Resp: 3225

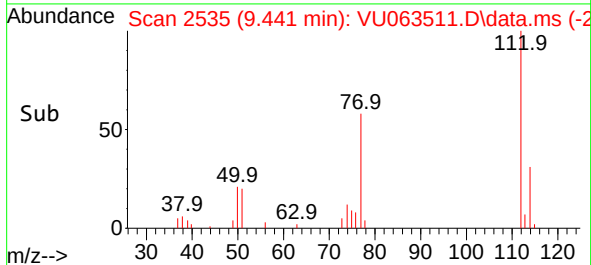
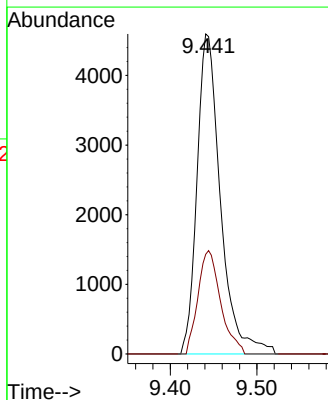
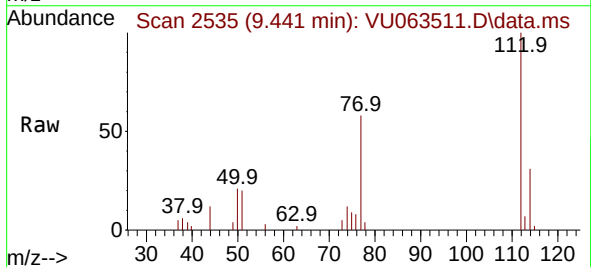
Ion	Ratio	Lower	Upper
164	100		
166	131.1	100.7	151.1
129	100.4	80.6	120.8
131	106.8	77.3	115.9

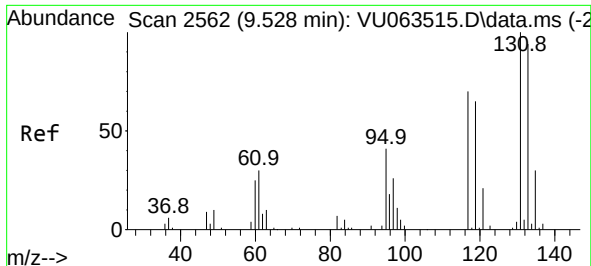


#59
Chlorobenzene
Concen: 0.460 ug/l
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

Tgt Ion:112 Resp: 8639

Ion	Ratio	Lower	Upper
112	100		
114	31.1	25.4	38.2

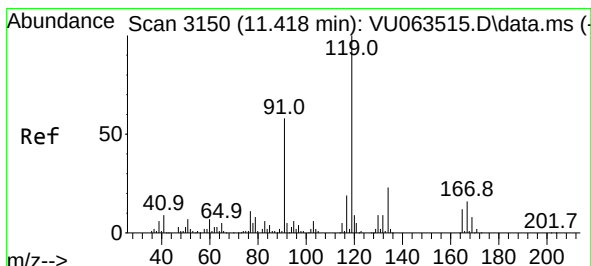
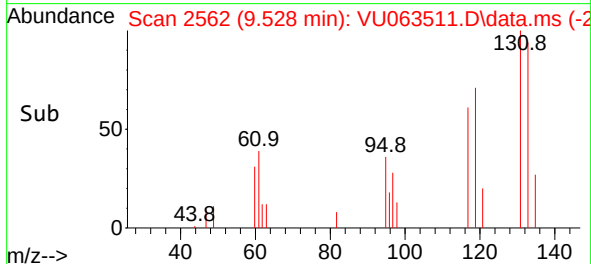
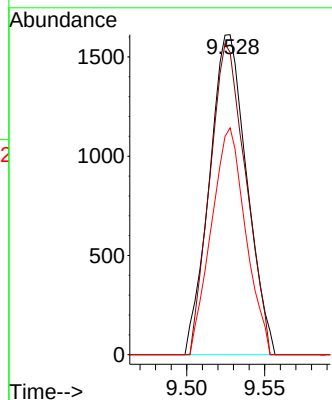
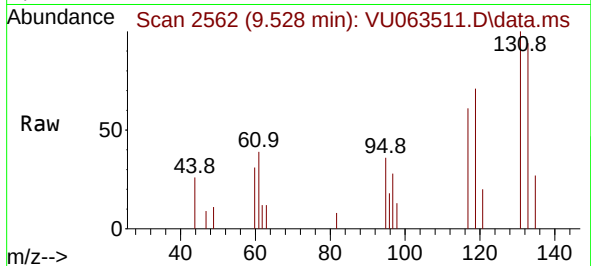




#60
1,1,1,2-Tetrachloroethane
Concen: 0.445 ug/l
RT: 9.528 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

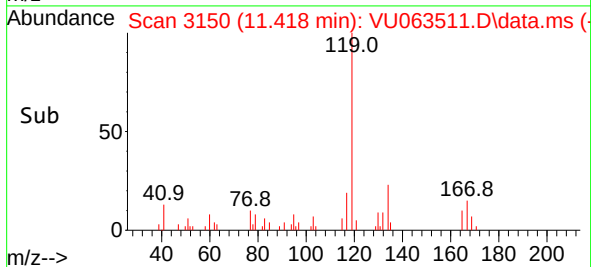
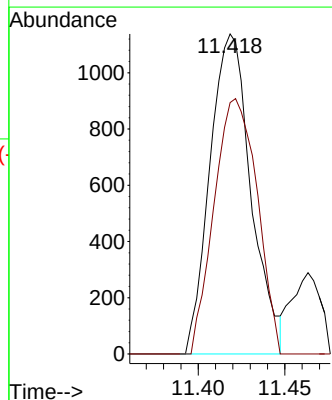
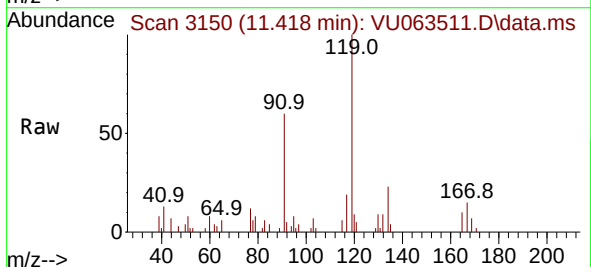
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

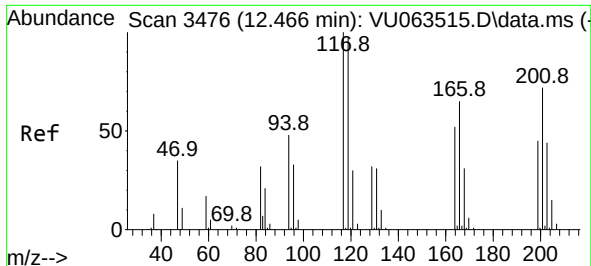
Tgt Ion:131 Resp: 2686
Ion Ratio Lower Upper
131 100
133 93.3 74.7 112.1
119 65.1 53.0 79.4



#61
Pentachloroethane
Concen: 0.441 ug/l
RT: 11.418 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

Tgt Ion:117 Resp: 1880
Ion Ratio Lower Upper
117 100
167 83.4 65.0 97.6

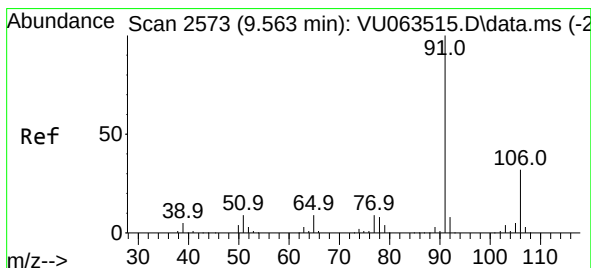
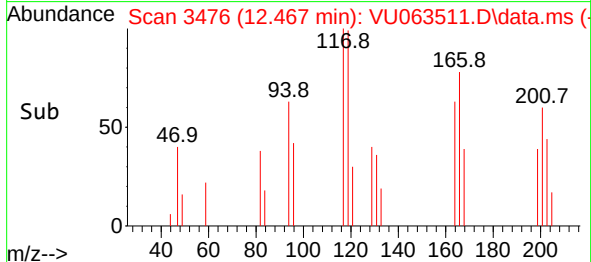
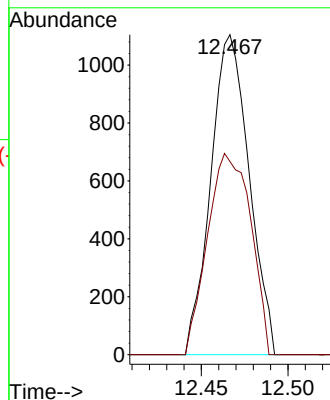
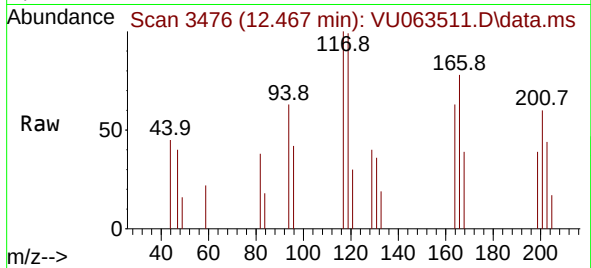




#62
 Hexachloroethane
 Concen: 0.403 ug/l
 RT: 12.467 min Scan# 3476
 Delta R.T. 0.000 min
 Lab File: VU063511.D
 Acq: 16 Jul 2025 09:24

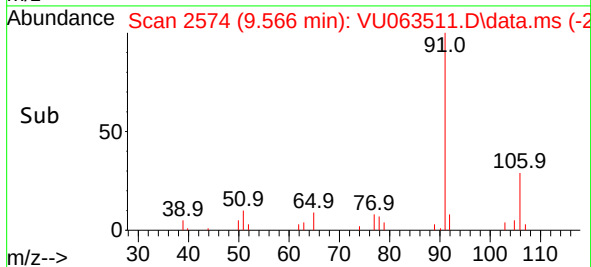
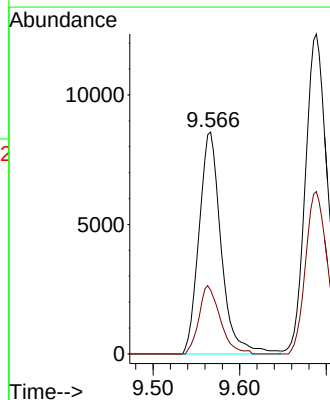
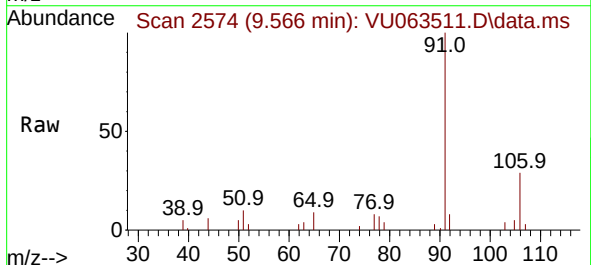
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

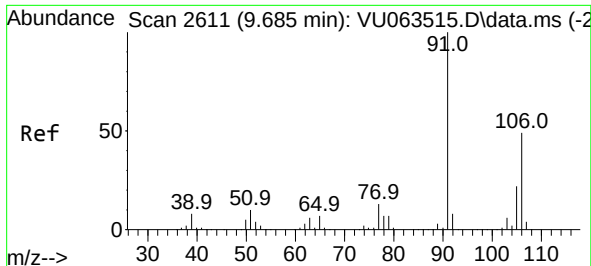
Tgt Ion: 117 Resp: 1703
 Ion Ratio Lower Upper
 117 100
 201 70.8 57.4 86.0



#63
 Ethyl Benzene
 Concen: 0.470 ug/l
 RT: 9.566 min Scan# 2574
 Delta R.T. 0.003 min
 Lab File: VU063511.D
 Acq: 16 Jul 2025 09:24

Tgt Ion: 91 Resp: 15188
 Ion Ratio Lower Upper
 91 100
 106 28.7 25.4 38.0

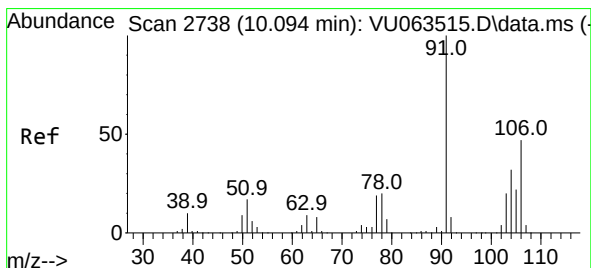
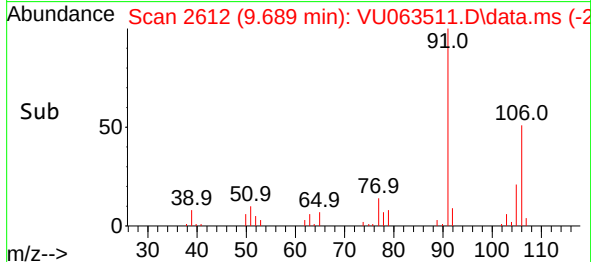
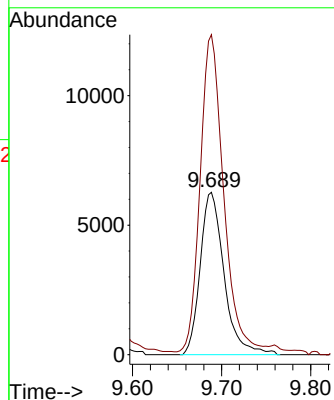
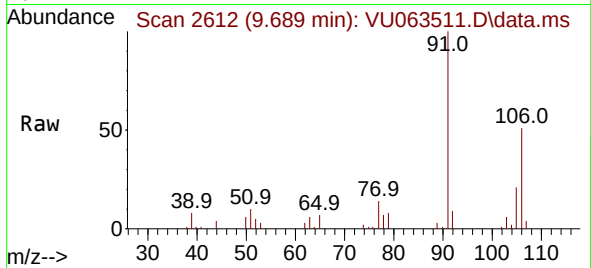




#64
m/p-Xylenes
Concen: 0.929 ug/l
RT: 9.689 min Scan# 2611
Delta R.T. 0.003 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

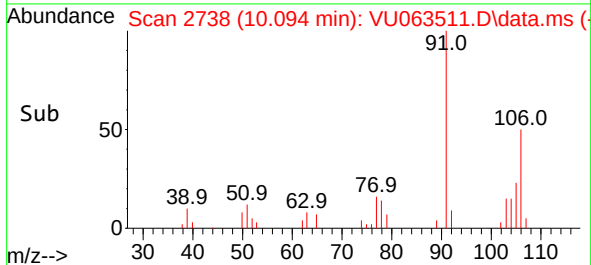
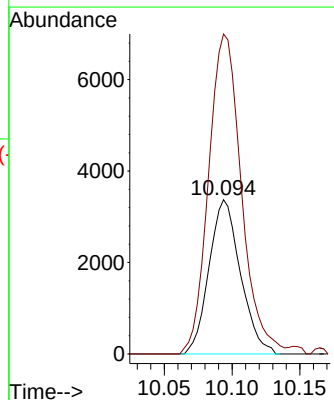
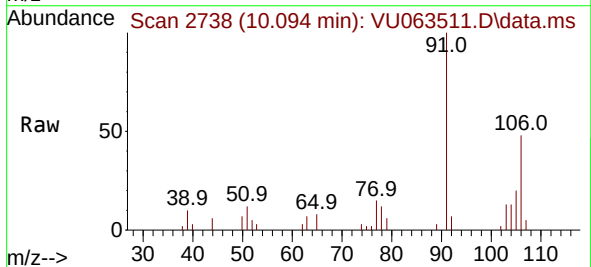
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

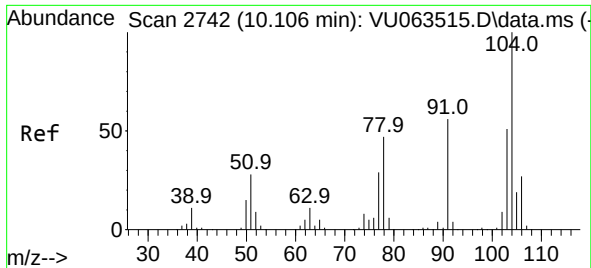
Tgt Ion:106 Resp: 11672
Ion Ratio Lower Upper
106 100
91 190.8 163.6 245.4



#65
o-Xylene
Concen: 0.450 ug/l
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

Tgt Ion:106 Resp: 5435
Ion Ratio Lower Upper
106 100
91 216.6 108.1 324.4

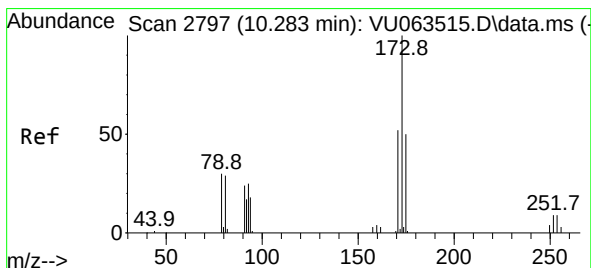
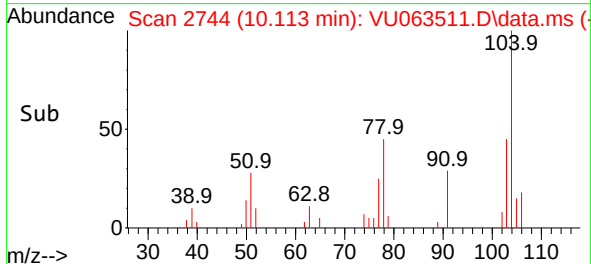
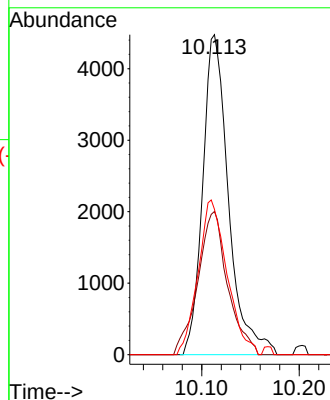
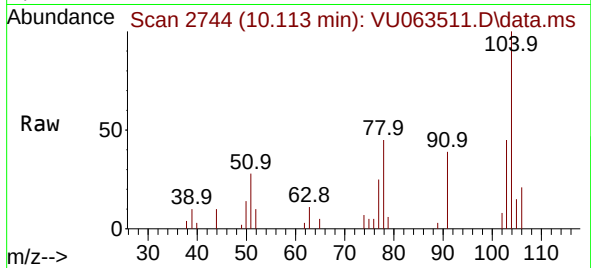




#66
Styrene
Concen: 0.429 ug/l
RT: 10.113 min Scan# 2744
Delta R.T. 0.007 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

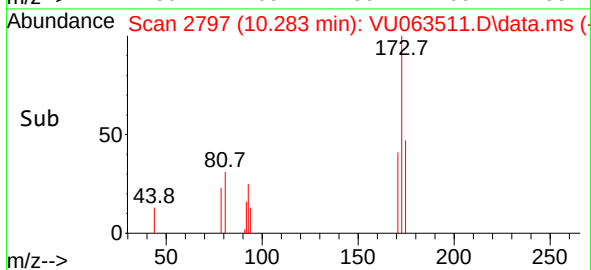
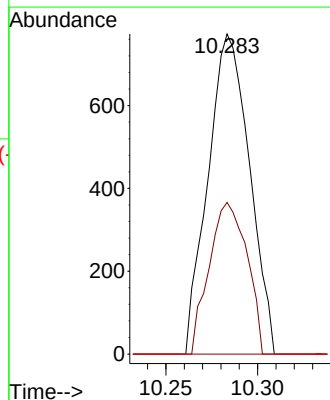
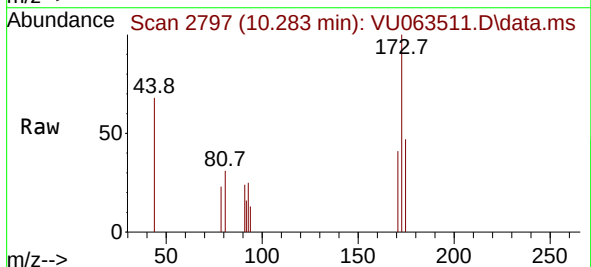
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

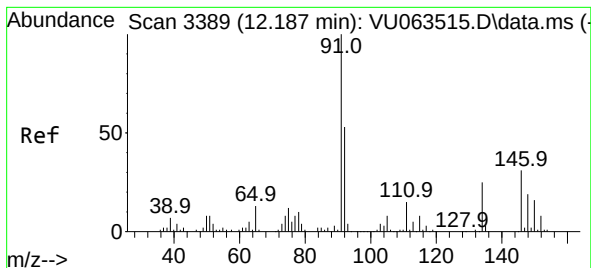
Tgt Ion:104 Resp: 8244
Ion Ratio Lower Upper
104 100
78 51.6 41.3 61.9
103 54.1 43.6 65.4



#67
Bromoform
Concen: 0.458 ug/l
RT: 10.283 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

Tgt Ion:173 Resp: 1214
Ion Ratio Lower Upper
173 100
175 43.2 39.0 58.4
254 0.0 6.5 9.7#





#68

1,2-Dichlorobenzene-d4

Concen: 0.909 ug/l

RT: 12.187 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU063511.D

Acq: 16 Jul 2025 09:24

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

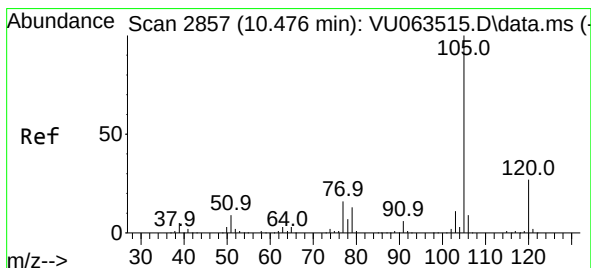
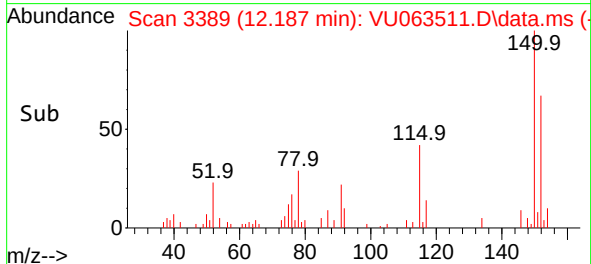
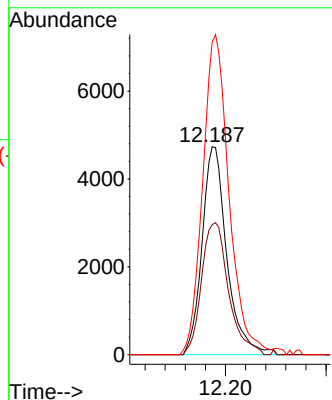
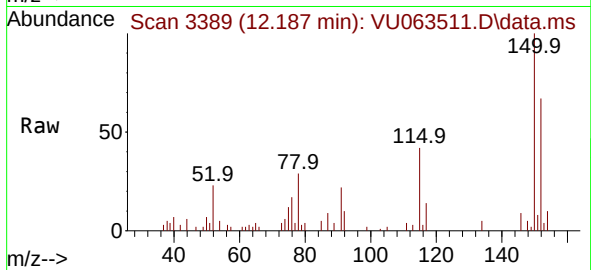
Tgt Ion:152 Resp: 8092

Ion Ratio Lower Upper

152 100

115 69.1 0.0 262.2

150 163.6 0.0 651.2



#69

Isopropylbenzene

Concen: 0.442 ug/l

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU063511.D

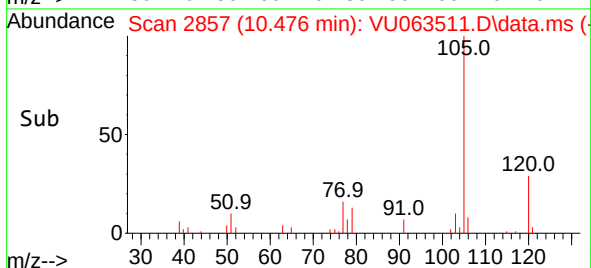
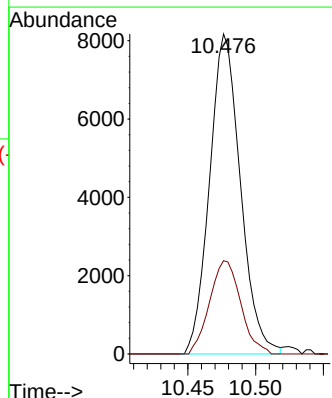
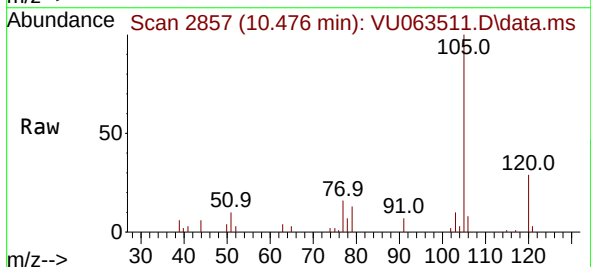
Acq: 16 Jul 2025 09:24

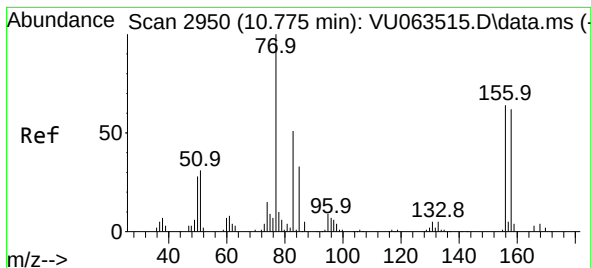
Tgt Ion:105 Resp: 12913

Ion Ratio Lower Upper

105 100

120 29.4 13.2 39.5

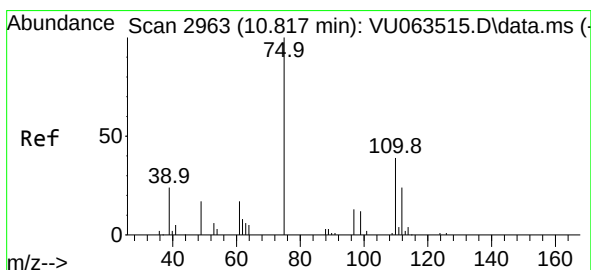
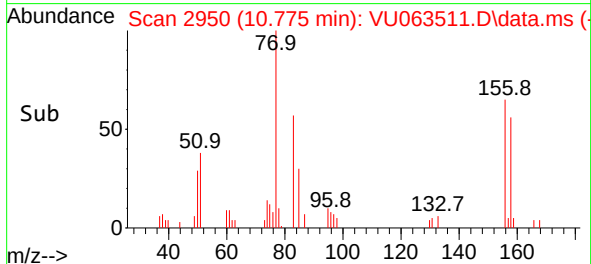
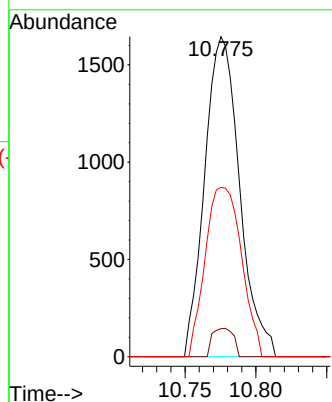
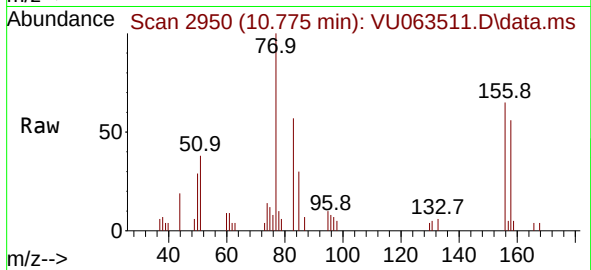




#70
 1,1,2,2-Tetrachloroethane
 Concen: 0.474 ug/l
 RT: 10.775 min Scan# 2950
 Delta R.T. 0.000 min
 Lab File: VU063511.D
 Acq: 16 Jul 2025 09:24

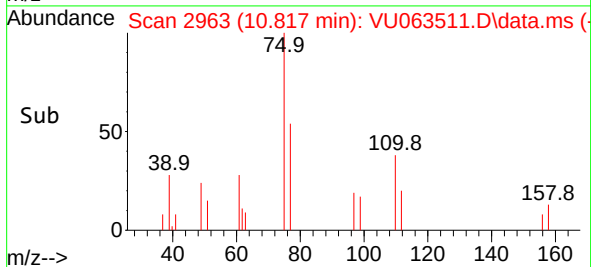
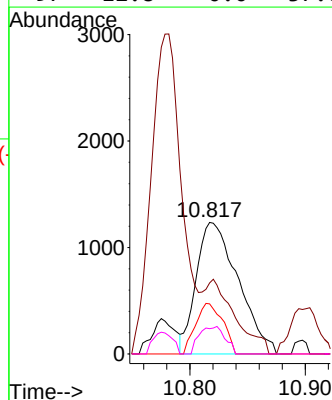
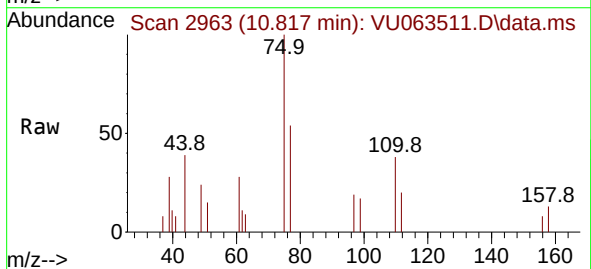
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

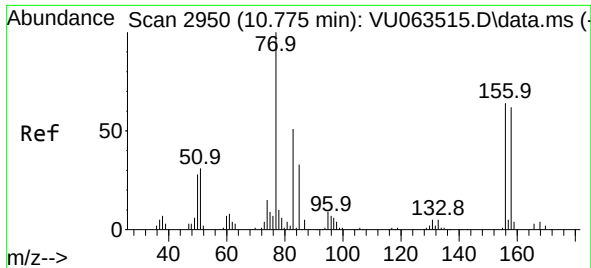
Tgt Ion: 83 Resp: 2820
 Ion Ratio Lower Upper
 83 100
 131 5.4 8.4 12.6#
 85 54.9 51.9 77.9



#71
 1,2,3-Trichloropropane
 Concen: 0.643 ug/l
 RT: 10.817 min Scan# 2963
 Delta R.T. 0.000 min
 Lab File: VU063511.D
 Acq: 16 Jul 2025 09:24

Tgt Ion: 75 Resp: 3122
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0
 110 24.8 0.0 73.2
 97 12.8 0.0 37.6

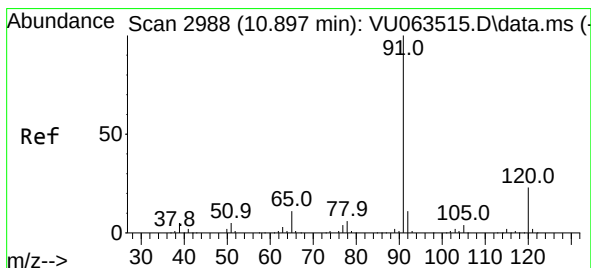
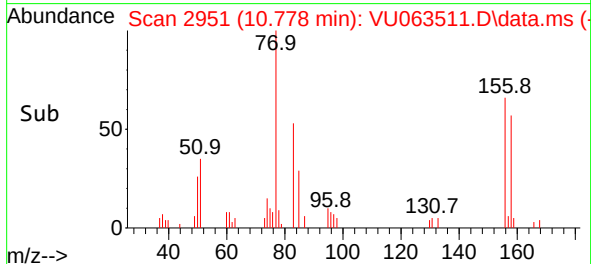
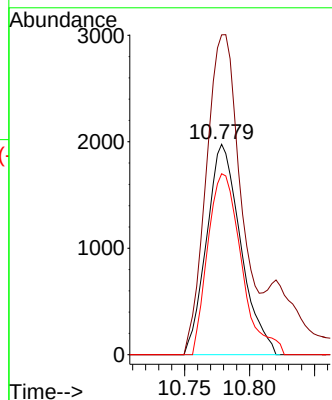
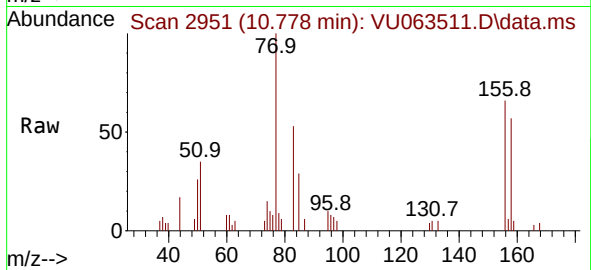




#72
Bromobenzene
Concen: 0.479 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

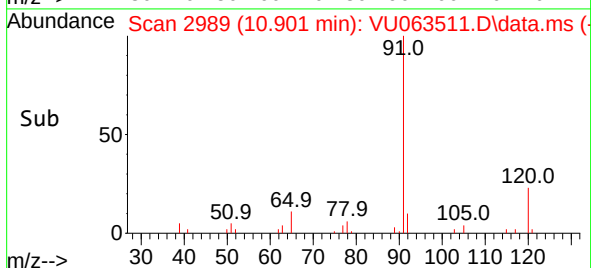
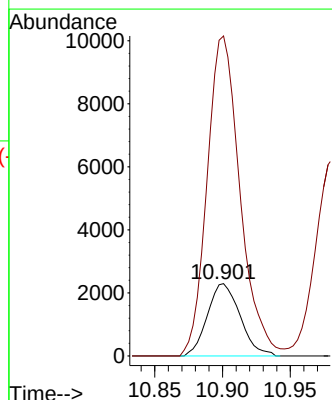
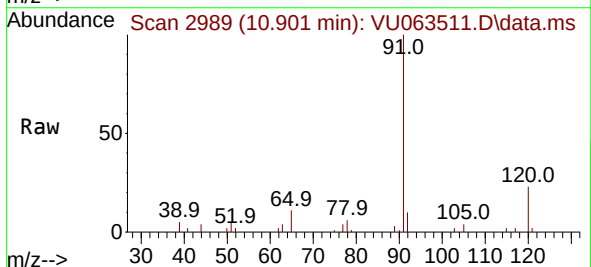
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

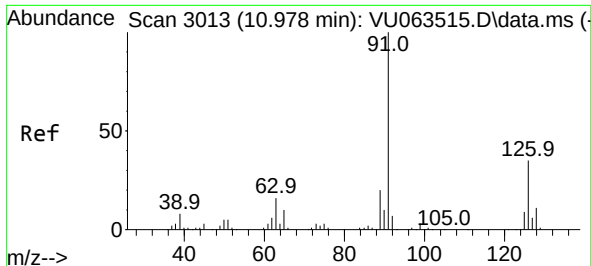
Tgt Ion:156 Resp: 3609
Ion Ratio Lower Upper
156 100
77 152.5 0.0 315.2
158 84.9 0.0 195.4



#73
n-propylbenzene
Concen: 0.438 ug/l
RT: 10.901 min Scan# 2989
Delta R.T. 0.003 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

Tgt Ion:120 Resp: 3852
Ion Ratio Lower Upper
120 100
91 445.4 343.1 514.7

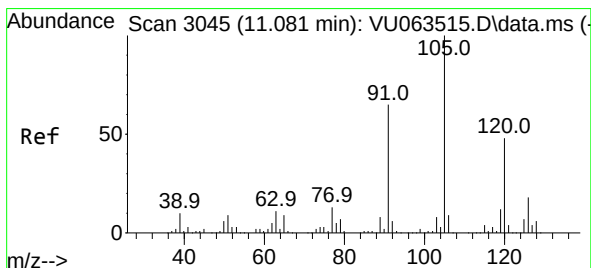
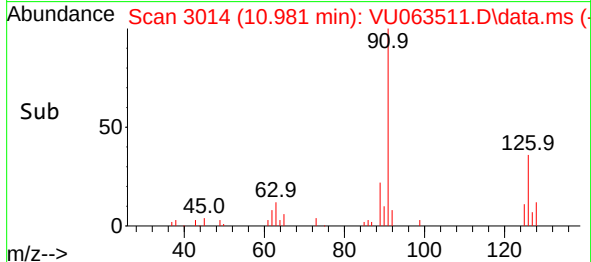
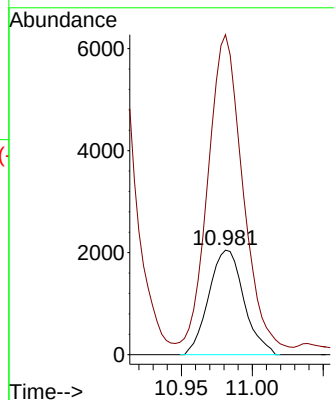
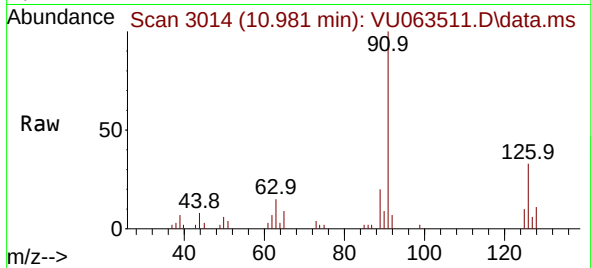




#74
2-Chlorotoluene
Concen: 0.454 ug/l
RT: 10.981 min Scan# 3013
Delta R.T. 0.003 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

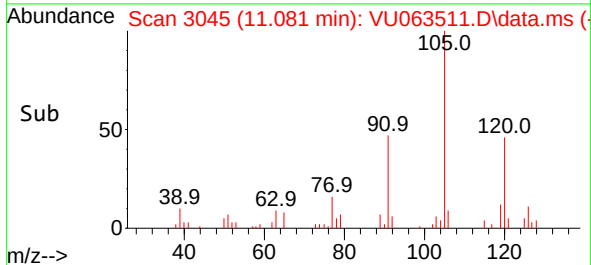
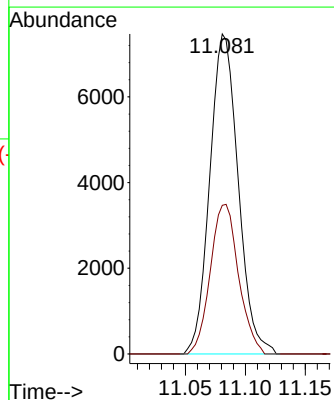
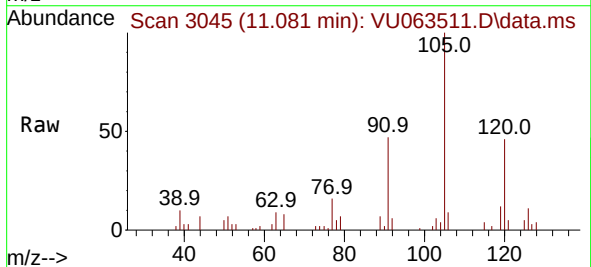
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

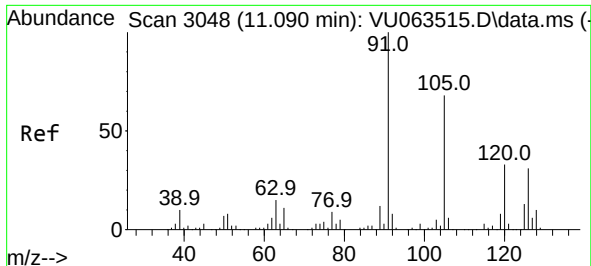
Tgt Ion:126 Resp: 3528
Ion Ratio Lower Upper
126 100
91 295.8 0.0 606.0



#75
1,3,5-Trimethylbenzene
Concen: 0.441 ug/l
RT: 11.081 min Scan# 3045
Delta R.T. 0.000 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

Tgt Ion:105 Resp: 12281
Ion Ratio Lower Upper
105 100
120 46.5 37.8 56.8

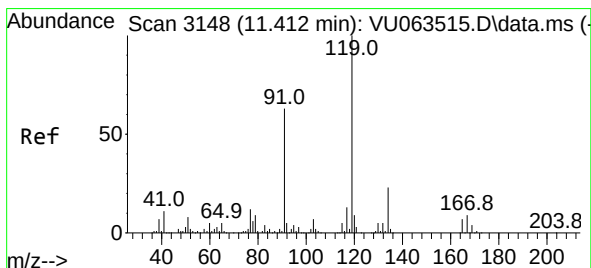
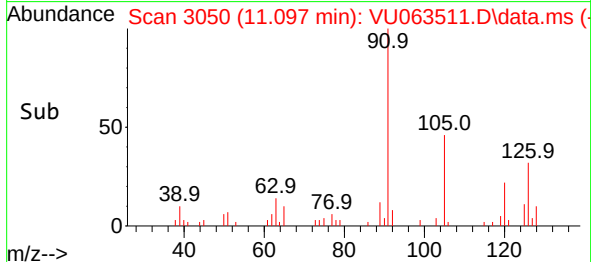
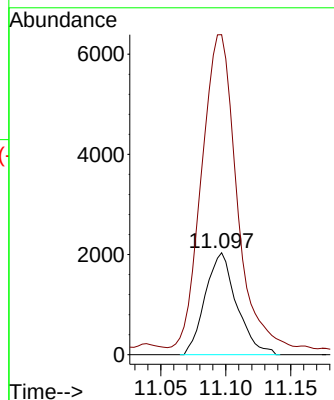
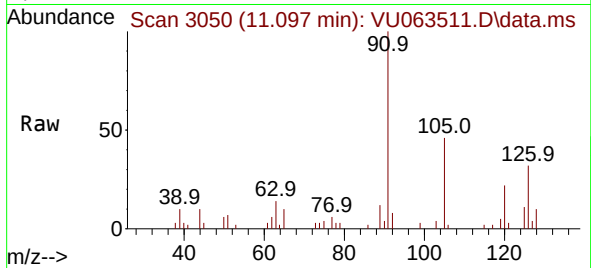




#76
4-Chlorotoluene
Concen: 0.434 ug/l
RT: 11.097 min Scan# 3048
Delta R.T. 0.007 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

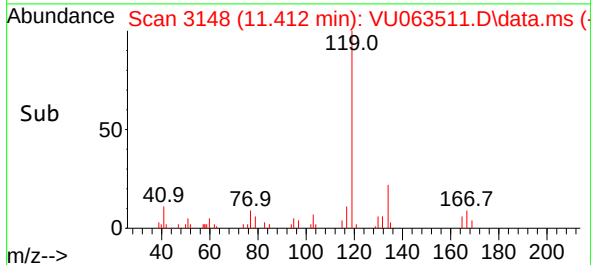
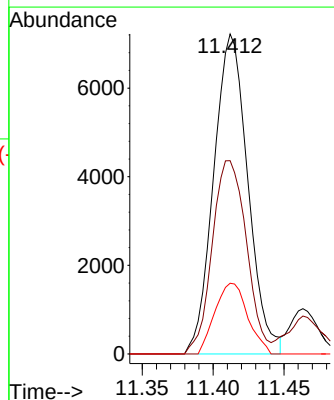
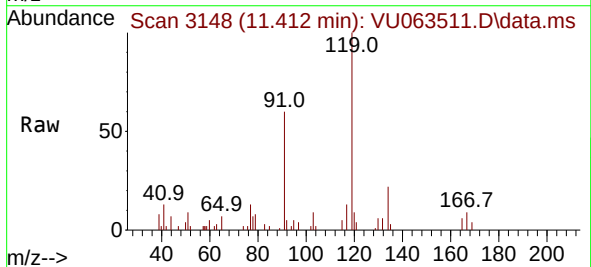
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

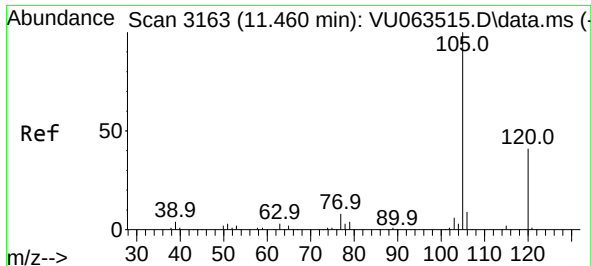
Tgt Ion:126 Resp: 3423
Ion Ratio Lower Upper
126 100
91 339.4 0.0 682.2



#77
tert-Butylbenzene
Concen: 0.455 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. 0.000 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

Tgt Ion:119 Resp: 12124
Ion Ratio Lower Upper
119 100
91 60.6 30.7 92.1
134 21.1 18.5 27.7

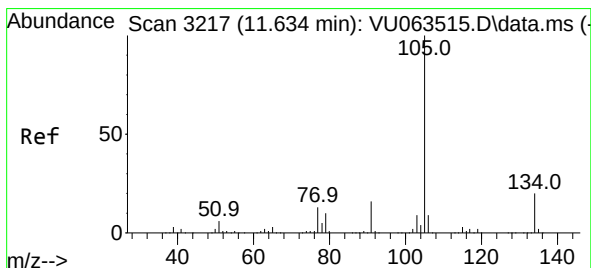
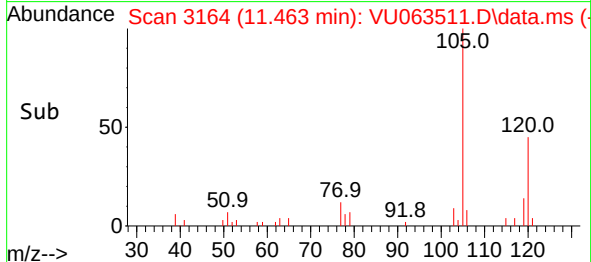
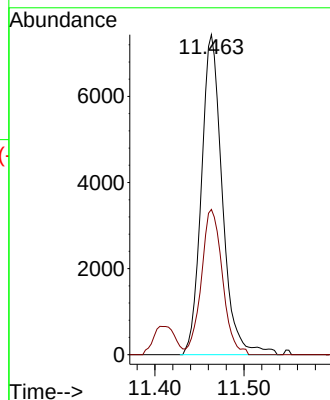
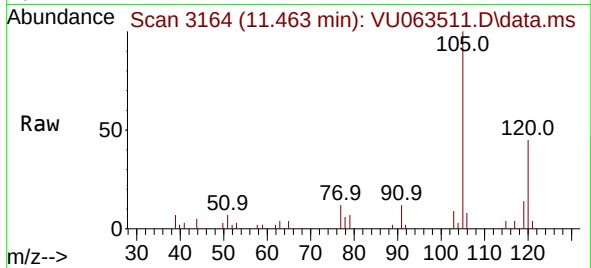




#78
1,2,4-Trimethylbenzene
Concen: 0.438 ug/l
RT: 11.463 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

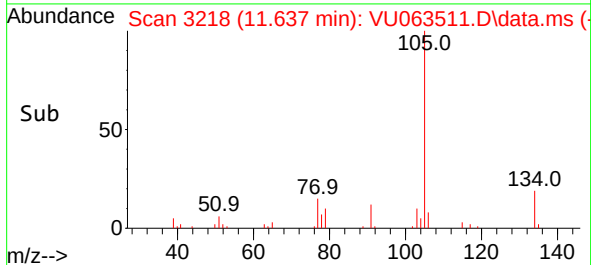
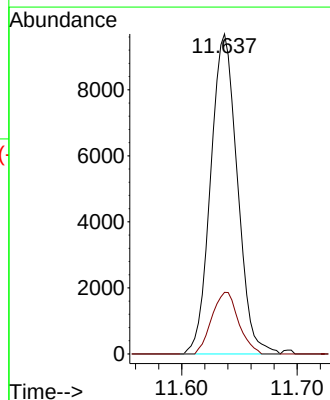
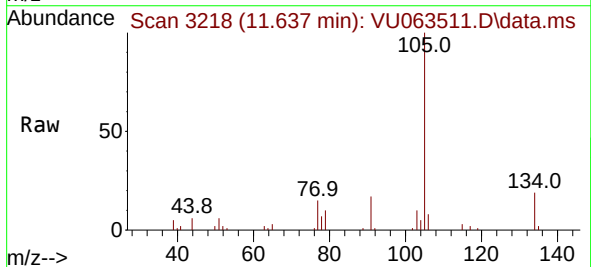
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

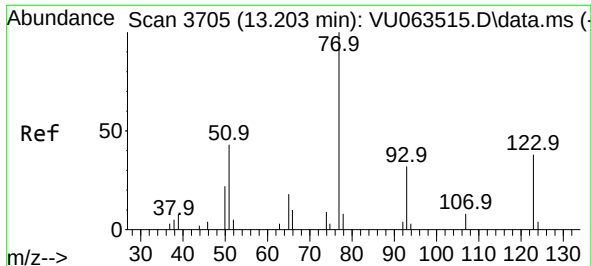
Tgt Ion:105 Resp: 12110
Ion Ratio Lower Upper
105 100
120 45.6 22.7 68.0



#79
sec-Butylbenzene
Concen: 0.434 ug/l
RT: 11.637 min Scan# 3218
Delta R.T. 0.003 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

Tgt Ion:105 Resp: 15578
Ion Ratio Lower Upper
105 100
134 19.3 16.2 24.4

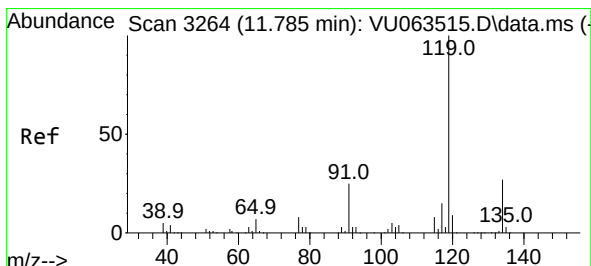
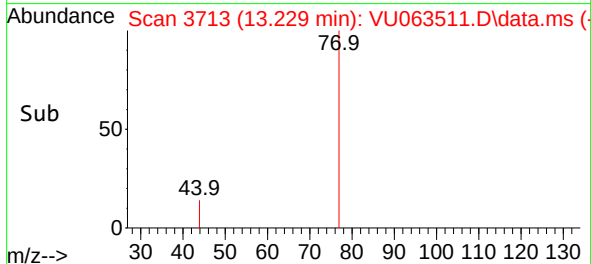
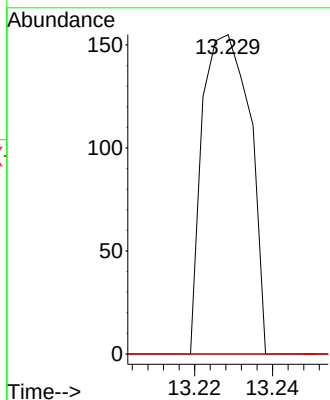
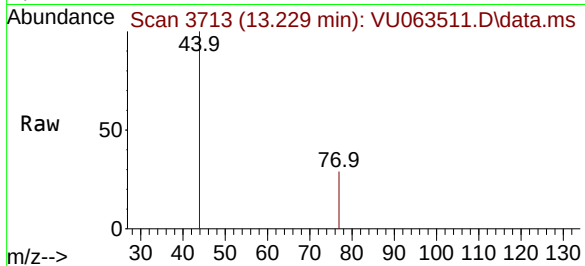




#80
Nitrobenzene
Concen: 2.628 ug/l
RT: 13.229 min Scan# 3713
Delta R.T. 0.026 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

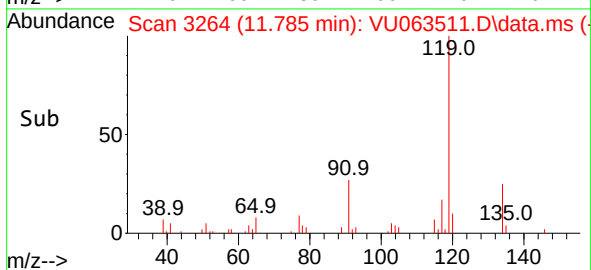
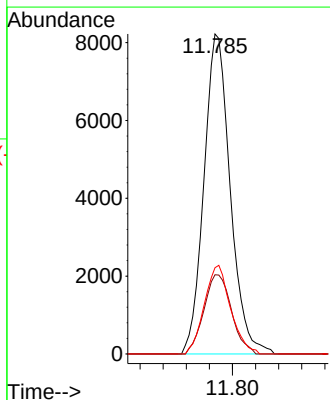
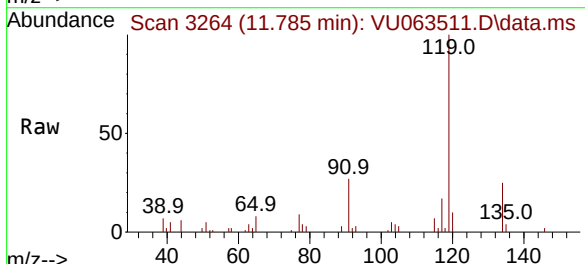
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

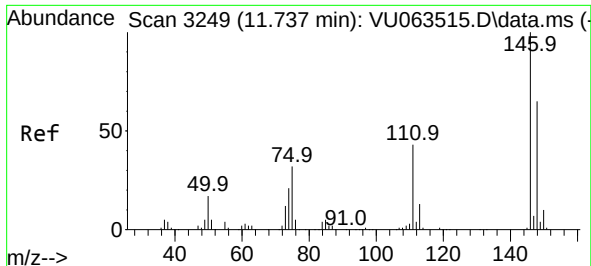
Tgt Ion: 77 Resp: 131
Ion Ratio Lower Upper
77 100
123 0.0 16.9 59.7#
65 0.0 16.5 20.9#



#81
p-Isopropyltoluene
Concen: 0.433 ug/l
RT: 11.785 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

Tgt Ion: 119 Resp: 13001
Ion Ratio Lower Upper
119 100
134 26.0 21.1 31.7
91 27.6 19.8 29.8





#82

1,3-Dichlorobenzene

Concen: 0.455 ug/l

RT: 11.743 min Scan# 31

Delta R.T. 0.007 min

Lab File: VU063511.D

Acq: 16 Jul 2025 09:24

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

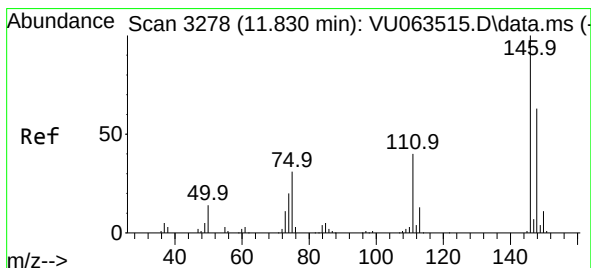
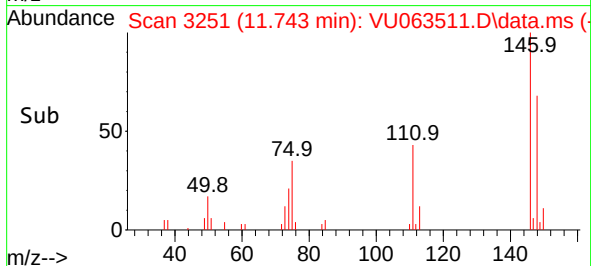
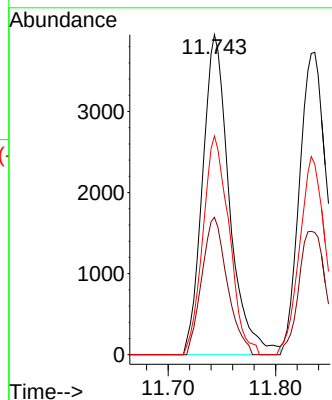
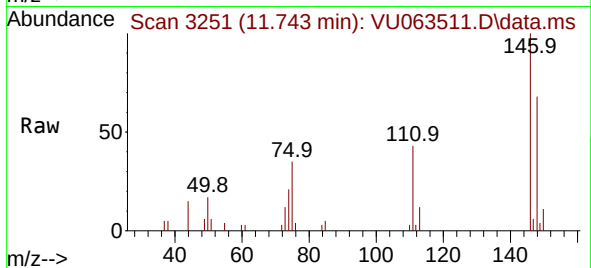
Tgt Ion:146 Resp: 6856

Ion Ratio Lower Upper

146 100

111 40.7 33.8 50.6

148 66.7 51.5 77.3



#83

1,4-Dichlorobenzene

Concen: 0.432 ug/l

RT: 11.836 min Scan# 3280

Delta R.T. 0.007 min

Lab File: VU063511.D

Acq: 16 Jul 2025 09:24

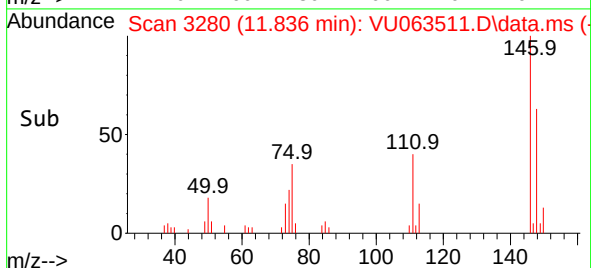
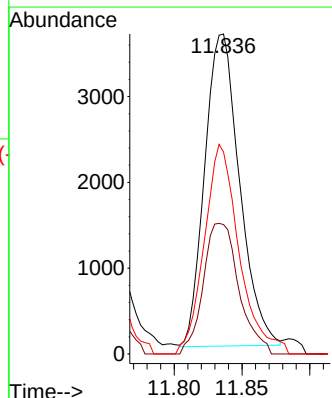
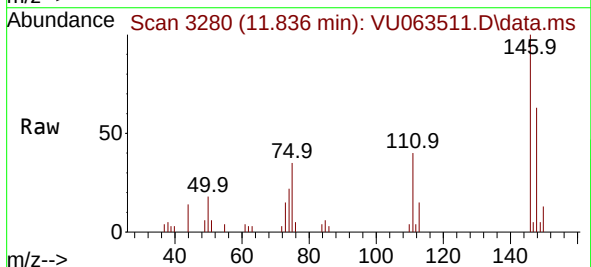
Tgt Ion:146 Resp: 6510

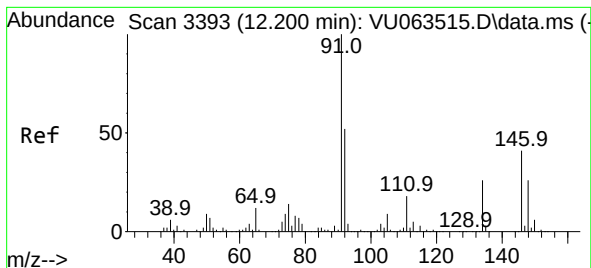
Ion Ratio Lower Upper

146 100

111 42.7 32.0 48.0

148 67.1 50.2 75.2





#84

n-Butylbenzene

Concen: 0.427 ug/l

RT: 12.206 min Scan# 3393

Delta R.T. 0.006 min

Lab File: VU063511.D

Acq: 16 Jul 2025 09:24

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

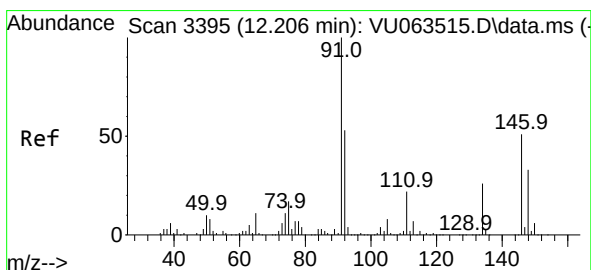
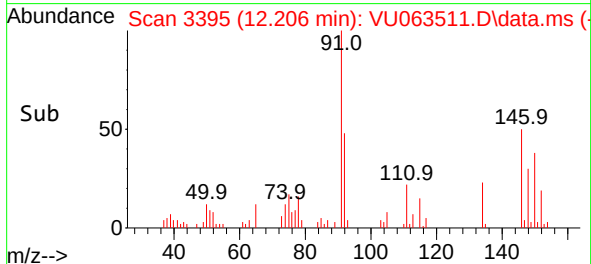
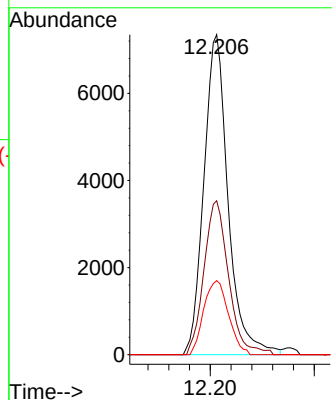
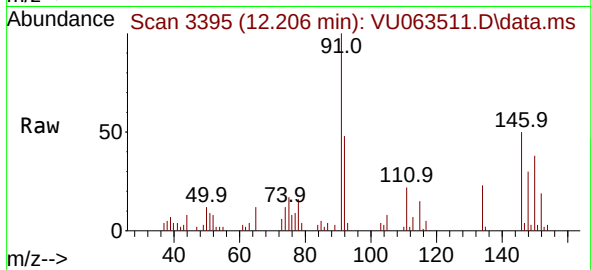
Tgt Ion: 91 Resp: 11864

Ion Ratio Lower Upper

91 100

92 49.0 41.5 62.3

134 23.6 20.6 30.8



#85

1,2-Dichlorobenzene

Concen: 0.452 ug/l

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU063511.D

Acq: 16 Jul 2025 09:24

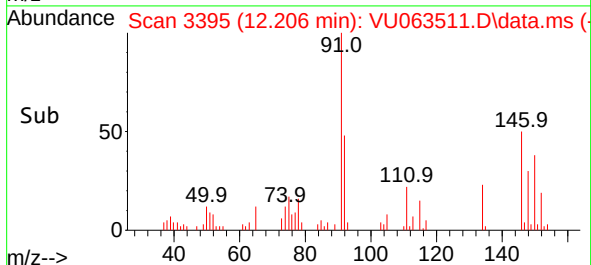
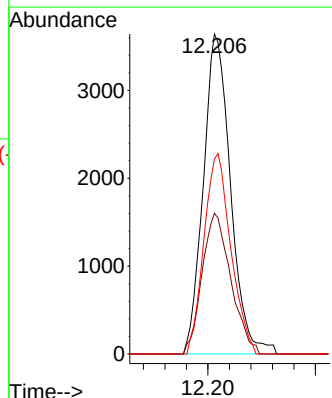
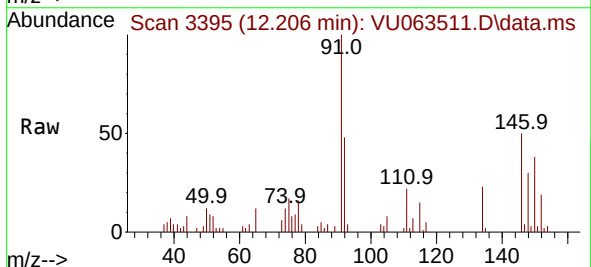
Tgt Ion:146 Resp: 6401

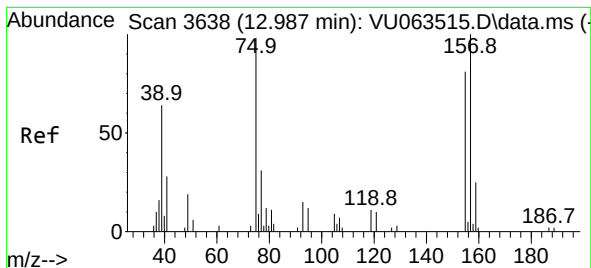
Ion Ratio Lower Upper

146 100

111 46.3 21.7 65.1

148 61.8 31.8 95.3

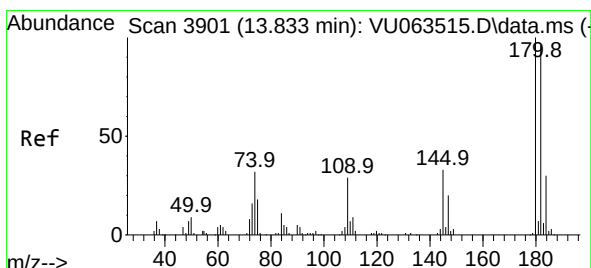
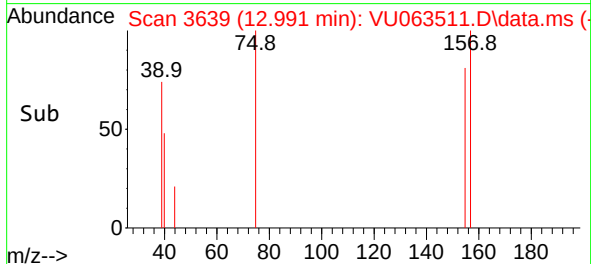
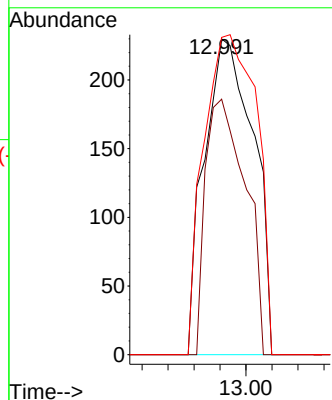
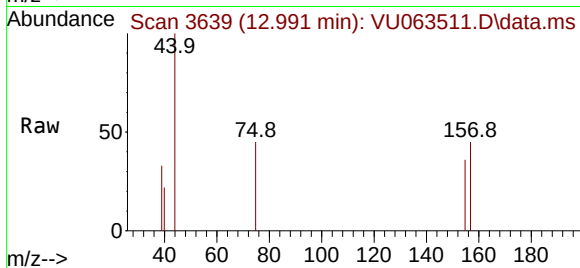




#86
1,2-Dibromo-3-Chloropropane
Concen: 0.533 ug/l
RT: 12.991 min Scan# 3639
Delta R.T. 0.004 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

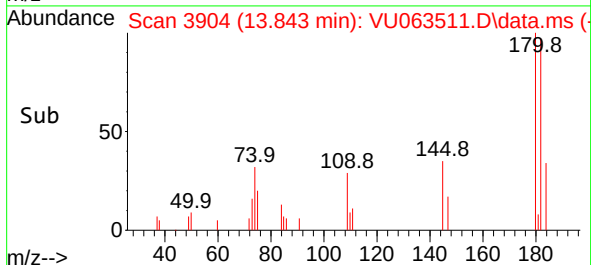
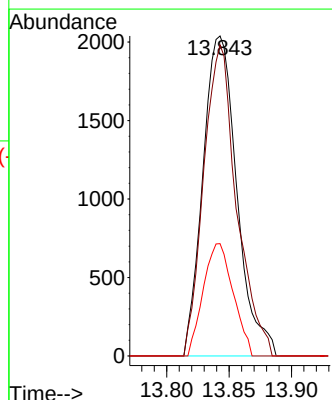
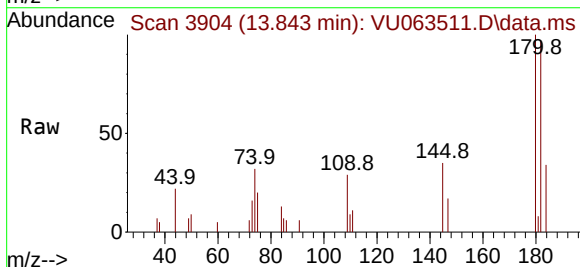
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

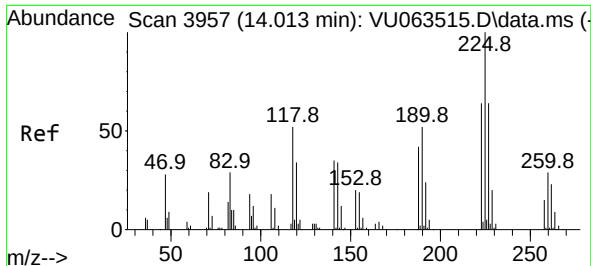
Tgt Ion: 75 Resp: 302
Ion Ratio Lower Upper
75 100
155 65.9 65.8 98.6
157 108.6 81.4 122.2



#87
1,2,4-Trichlorobenzene
Concen: 0.439 ug/l
RT: 13.843 min Scan# 3904
Delta R.T. 0.010 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

Tgt Ion: 180 Resp: 3867
Ion Ratio Lower Upper
180 100
182 94.2 76.2 114.4
145 30.8 26.2 39.2

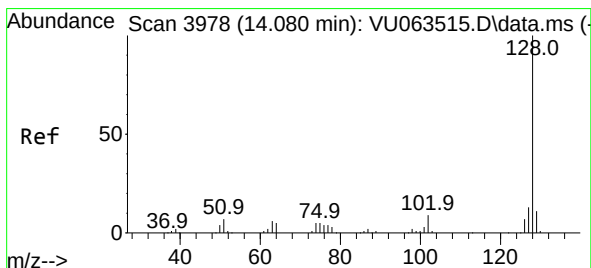
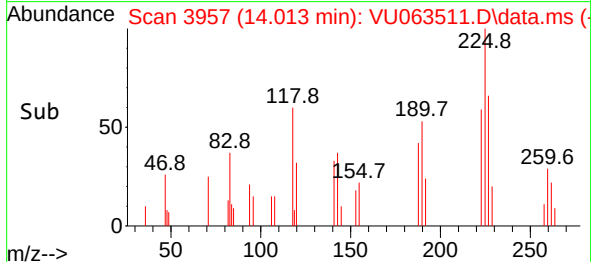
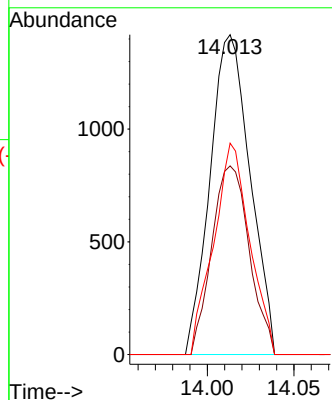
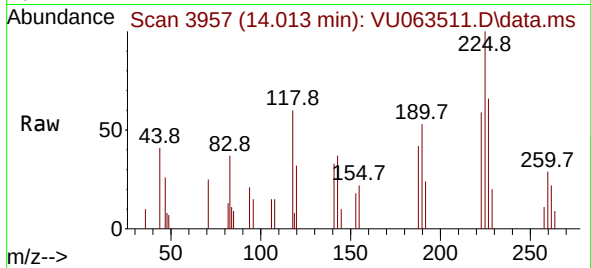




#88
Hexachlorobutadiene
Concen: 0.456 ug/l
RT: 14.013 min Scan# 3957
Delta R.T. 0.000 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

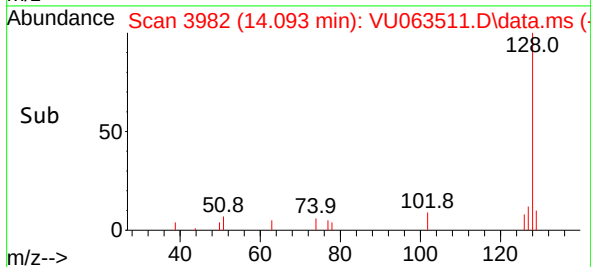
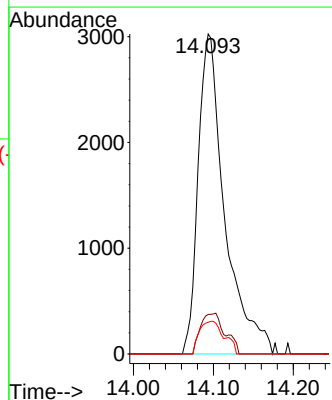
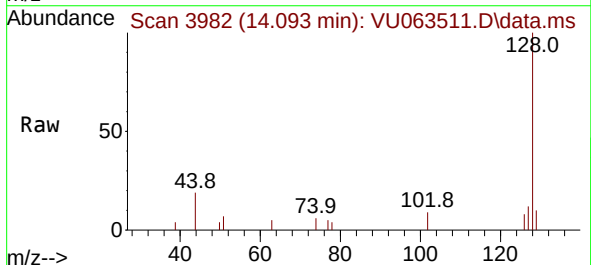
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

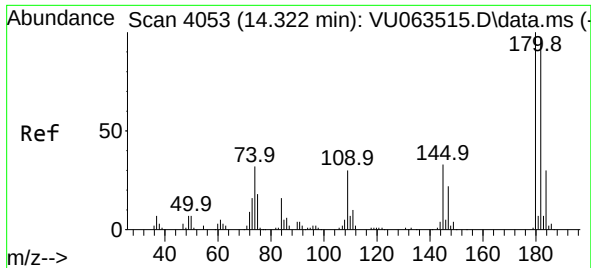
Tgt Ion:	225	Resp:	2280
Ion Ratio	Lower	Upper	
225	100		
223	55.3	50.8	76.2
227	59.5	51.0	76.6



#89
Naphthalene
Concen: 0.445 ug/l
RT: 14.093 min Scan# 3982
Delta R.T. 0.013 min
Lab File: VU063511.D
Acq: 16 Jul 2025 09:24

Tgt Ion:	128	Resp:	7013
Ion Ratio	Lower	Upper	
128	100		
127	11.8	10.2	15.4
129	9.5	8.8	13.2





#90

1,2,3-Trichlorobenzene

Concen: 0.420 ug/l

RT: 14.331 min Scan# 4056

Delta R.T. 0.010 min

Lab File: VU063511.D

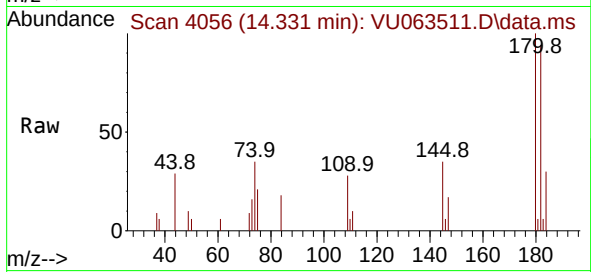
Acq: 16 Jul 2025 09:24

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5



Tgt Ion:180 Resp: 3421

Ion Ratio Lower Upper

180 100

182 98.9 78.0 117.0

145 33.1 27.3 40.9

