

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111025\
 Data File : VU063689.D
 Acq On : 10 Nov 2025 10:09
 Operator : MD/SY
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC001

Quant Time: Nov 11 01:19:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U111025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 01:18:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.345	168	196307	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.222	114	332714	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.393	117	301736	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.791	152	142651	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.685	65	3784	1.305	ug/l	0.02
Spiked Amount	50.000	Range	78 - 117	Recovery	=	2.600%#
35) Dibromofluoromethane	5.267	113	2935	1.259	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	2.520%#
50) Toluene-d8	7.878	98	11710	1.399	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	2.800%#
62) 4-Bromofluorobenzene	10.614	95	5892	1.701	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	3.400%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.374	85	1487	1.254	ug/l	90
3) Chloromethane	1.509	50	2185	1.328	ug/l	95
4) Vinyl Chloride	1.589	62	1722	1.181	ug/l #	80
5) Bromomethane	1.840	94	1862	Below Cal		93
6) Chloroethane	1.914	64	1315	1.192	ug/l	96
7) Trichlorofluoromethane	2.120	101	3547	1.271	ug/l	89
8) Diethyl Ether	2.357	74	1473	1.242	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.557	101	1990	1.123	ug/l	94
10) Methyl Iodide	2.698	142	1133	3.510	ug/l #	91
11) Tert butyl alcohol	3.161	59	5635	8.329	ug/l #	88
12) 1,1-Dichloroethene	2.560	96	1892	1.240	ug/l	96
13) Acrolein	2.460	56	1050	3.825	ug/l #	68
14) Allyl chloride	2.901	41	3095	1.087	ug/l #	80
15) Acrylonitrile	3.303	53	6625	4.781	ug/l	96
16) Acetone	2.602	43	14216	4.405	ug/l	98
17) Carbon Disulfide	2.766	76	3139	1.504	ug/l #	81
18) Methyl Acetate	2.933	43	3679	2.265	ug/l #	85
19) Methyl tert-butyl Ether	3.338	73	7476	1.085	ug/l	98
20) Methylene Chloride	3.020	84	3174	1.156	ug/l	88
21) trans-1,2-Dichloroethene	3.325	96	1753	1.119	ug/l	97
22) Diisopropyl ether	3.965	45	7336	1.170	ug/l #	12
23) Vinyl Acetate	3.952	43	21067	4.927	ug/l	96
24) 1,1-Dichloroethane	3.833	63	4075	1.127	ug/l #	90
25) 2-Butanone	4.708	43	10013	5.015	ug/l	90
26) 2,2-Dichloropropane	4.637	77	3624	1.167	ug/l	96
27) cis-1,2-Dichloroethene	4.653	96	2621	1.145	ug/l	83
28) Bromochloromethane	4.936	49	328	0.227	ug/l #	91
29) Tetrahydrofuran	5.039	42	5937	5.110	ug/l	96
30) Chloroform	5.058	83	4325	1.092	ug/l	86
31) Cyclohexane	5.341	56	7983	1.768	ug/l #	48
32) 1,1,1-Trichloroethane	5.283	97	3459	1.064	ug/l #	52
36) 1,1-Dichloropropene	5.502	75	2848	1.201	ug/l	89
37) Ethyl Acetate	4.811	43	784	0.232	ug/l #	86
38) Carbon Tetrachloride	5.496	117	2997	1.169	ug/l	95
39) Methylcyclohexane	6.740	83	3055	1.134	ug/l	97
40) Benzene	5.746	78	8911	1.164	ug/l	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.930	41	119	0.068	ug/l #	19
42) 1,2-Dichloroethane	5.775	62	3084	1.022	ug/l	91
43) Isopropyl Acetate	5.901	43	5105	1.037	ug/l #	79
44) Trichloroethene	6.518	130	2835	1.320	ug/l	98
45) 1,2-Dichloropropane	6.772	63	2205	1.060	ug/l	89
46) Dibromomethane	6.901	93	1673	1.071	ug/l	98
47) Bromodichloromethane	7.084	83	3493	1.103	ug/l	92
48) Methyl methacrylate	6.955	41	2594	1.074	ug/l #	58
49) 1,4-Dioxane	6.959	88	1163	18.168	ug/l #	75
51) 4-Methyl-2-Pentanone	7.772	43	19362	5.140	ug/l	98
52) Toluene	7.949	92	5331	1.073	ug/l	98
53) t-1,3-Dichloropropene	8.193	75	2703	1.013	ug/l	95
54) cis-1,3-Dichloropropene	7.592	75	3059	1.023	ug/l	96
55) 1,1,2-Trichloroethane	8.377	97	2596	1.139	ug/l #	79
56) Ethyl methacrylate	8.319	69	3244	0.965	ug/l #	82
57) 1,3-Dichloropropane	8.553	76	4058	1.091	ug/l	97
59) 2-Hexanone	8.676	43	13276	4.732	ug/l	96
60) Dibromochloromethane	8.785	129	2377	0.996	ug/l	90
61) 1,2-Dibromoethane	8.901	107	2246	1.023	ug/l	96
64) Tetrachloroethene	8.531	164	2274	1.168	ug/l	96
65) Chlorobenzene	9.428	112	6933	1.176	ug/l	96
66) 1,1,1,2-Tetrachloroethane	9.512	131	2156	1.075	ug/l #	62
67) Ethyl Benzene	9.550	91	11028	1.123	ug/l	93
68) m/p-Xylenes	9.672	106	7733	2.133	ug/l	96
69) o-Xylene	10.077	106	4161	1.112	ug/l	97
70) Styrene	10.097	104	5823	0.969	ug/l	98
71) Bromoform	10.270	173	1591	0.985	ug/l #	93
73) Isopropylbenzene	10.463	105	10397	1.160	ug/l	98
74) N-amyl acetate	10.312	43	2558	0.819	ug/l #	78
75) 1,1,2,2-Tetrachloroethane	10.762	83	4195	1.219	ug/l	91
76) 1,2,3-Trichloropropane	10.801	75	3192	0.907	ug/l #	100
77) Bromobenzene	10.759	156	2702	1.198	ug/l	75
78) n-propylbenzene	10.884	91	11958	1.163	ug/l	97
79) 2-Chlorotoluene	10.968	91	8398	1.264	ug/l	96
80) 1,3,5-Trimethylbenzene	11.068	105	8277	1.101	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.534	75	546	0.809	ug/l	82
82) 4-Chlorotoluene	11.084	91	9215	1.220	ug/l	92
83) tert-Butylbenzene	11.396	119	9131	1.167	ug/l	96
84) 1,2,4-Trimethylbenzene	11.447	105	8172	1.108	ug/l	95
85) sec-Butylbenzene	11.618	105	10931	1.105	ug/l	99
86) p-Isopropyltoluene	11.772	119	8076	1.017	ug/l	83
87) 1,3-Dichlorobenzene	11.727	146	4647	1.097	ug/l	87
88) 1,4-Dichlorobenzene	11.727	146	4647	1.048	ug/l	87
89) n-Butylbenzene	12.190	91	8238	1.130	ug/l	97
90) Hexachloroethane	12.450	117	1175	0.970	ug/l	85
91) 1,2-Dichlorobenzene	12.193	146	4774	1.129	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.974	75	673	0.954	ug/l	88
93) 1,2,4-Trichlorobenzene	13.820	180	3378	1.253	ug/l	96
94) Hexachlorobutadiene	13.997	225	1609	1.184	ug/l	87
95) Naphthalene	14.071	128	7402	1.013	ug/l	96
96) 1,2,3-Trichlorobenzene	14.309	180	2835	1.131	ug/l	95

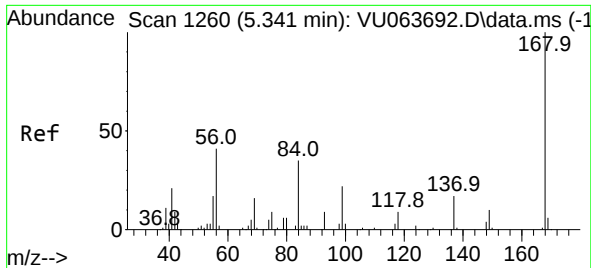
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

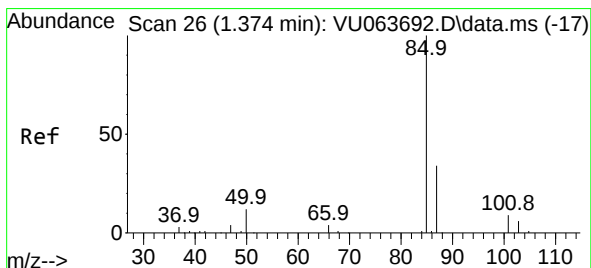
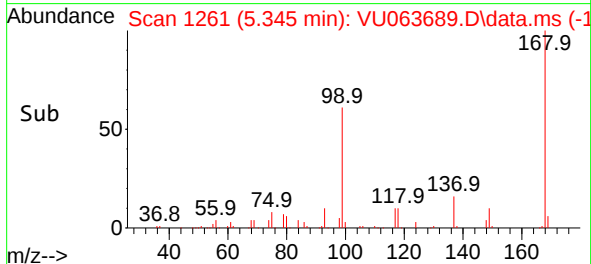
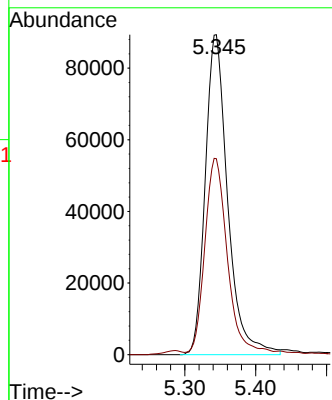
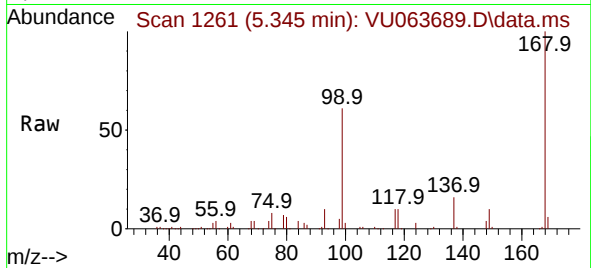
(#)=qualifier out of range (m)=manual integration (+)=signals summed						



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.345 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU063689.D
Acq: 10 Nov 2025 10:09

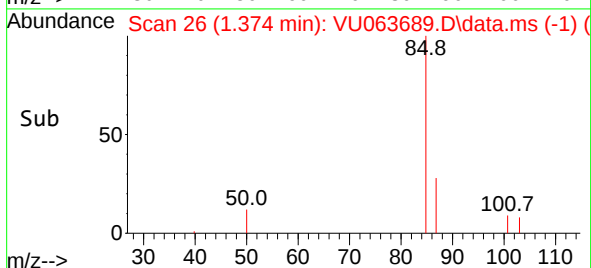
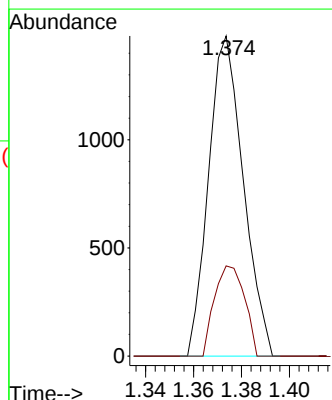
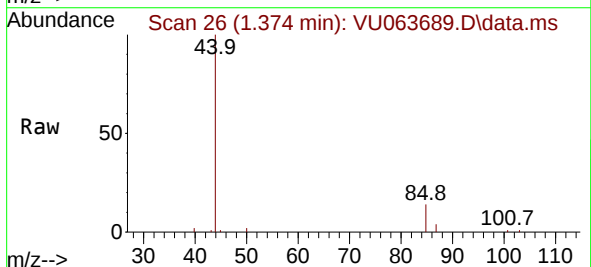
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ClientSampleId :
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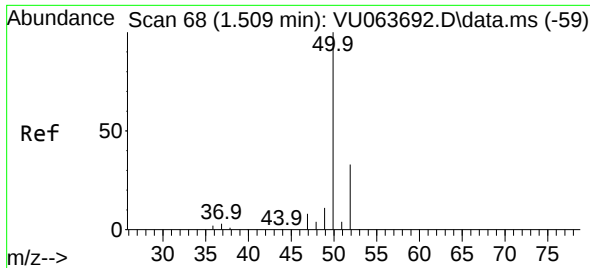
Tgt Ion:168 Resp: 196307
Ion Ratio Lower Upper
168 100
99 60.2 48.2 72.4



#2
Dichlorodifluoromethane
Concen: 1.254 ug/l
RT: 1.374 min Scan# 26
Delta R.T. -0.000 min
Lab File: VU063689.D
Acq: 10 Nov 2025 10:09

Tgt Ion: 85 Resp: 1487
Ion Ratio Lower Upper
85 100
87 28.2 17.0 51.0

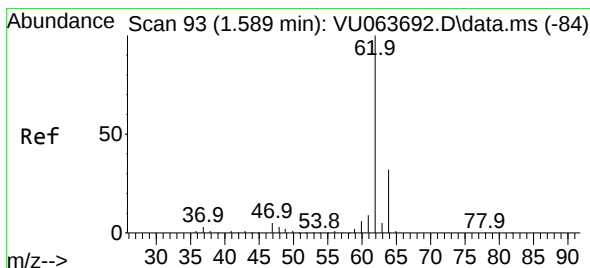
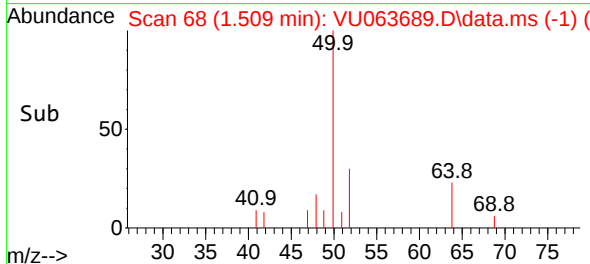
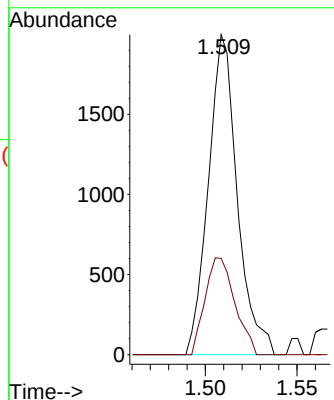
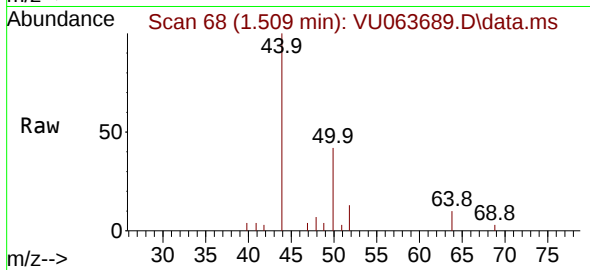




#3
Chloromethane
Concen: 1.328 ug/l
RT: 1.509 min Scan# 68
Delta R.T. -0.000 min
Lab File: VU063689.D
Acq: 10 Nov 2025 10:09

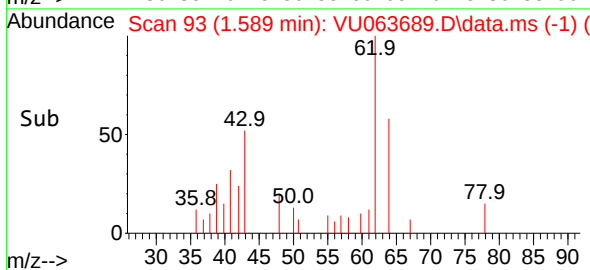
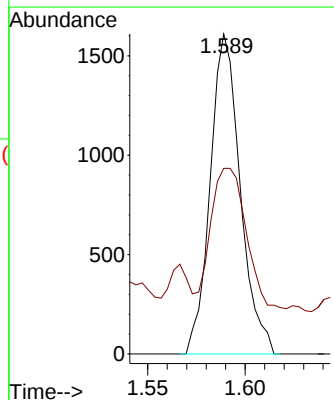
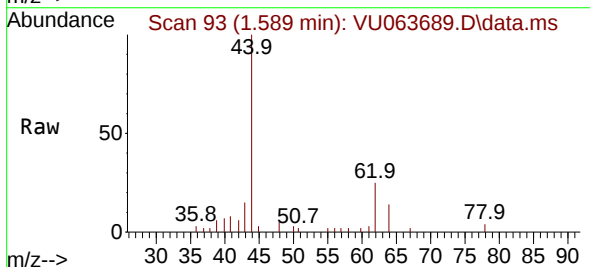
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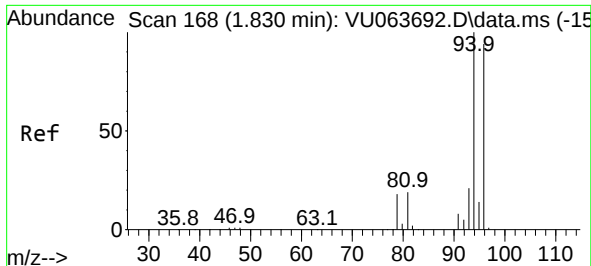
Tgt Ion: 50 Resp: 2185
Ion Ratio Lower Upper
50 100
52 30.1 26.3 39.5



#4
Vinyl Chloride
Concen: 1.181 ug/l
RT: 1.589 min Scan# 93
Delta R.T. -0.000 min
Lab File: VU063689.D
Acq: 10 Nov 2025 10:09

Tgt Ion: 62 Resp: 1722
Ion Ratio Lower Upper
62 100
64 43.5 25.9 38.9#

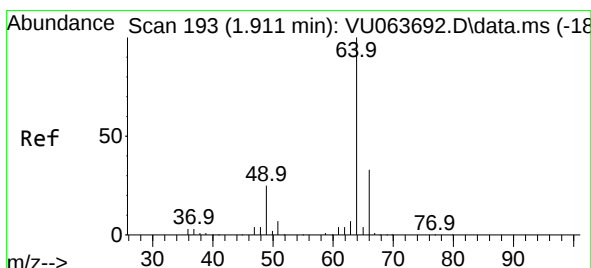
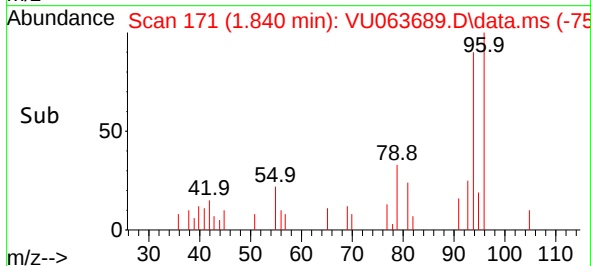
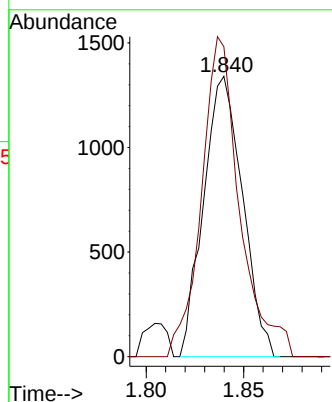
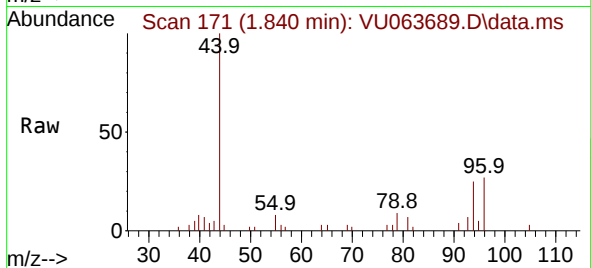




#5
Bromomethane
Concen: Below Cal
RT: 1.840 min Scan# 1
Delta R.T. 0.010 min
Lab File: VU063689.D
Acq: 10 Nov 2025 10:09

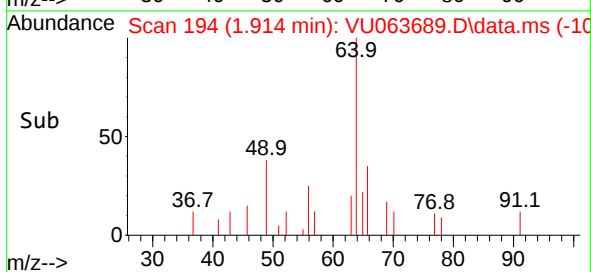
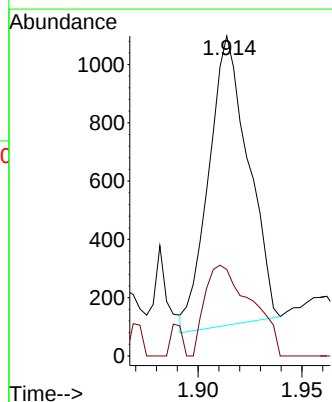
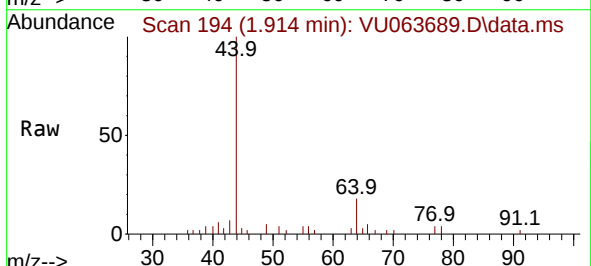
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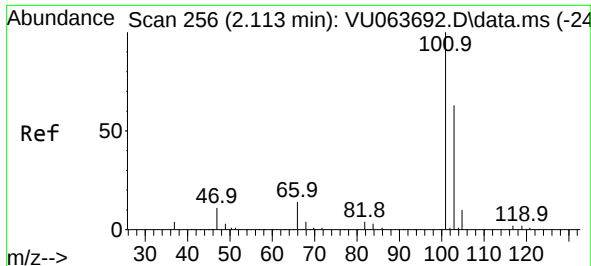
Tgt Ion: 94 Resp: 1862
Ion Ratio Lower Upper
94 100
96 99.9 74.8 112.2



#6
Chloroethane
Concen: 1.192 ug/l
RT: 1.914 min Scan# 194
Delta R.T. 0.003 min
Lab File: VU063689.D
Acq: 10 Nov 2025 10:09

Tgt Ion: 64 Resp: 1315
Ion Ratio Lower Upper
64 100
66 30.8 26.4 39.6

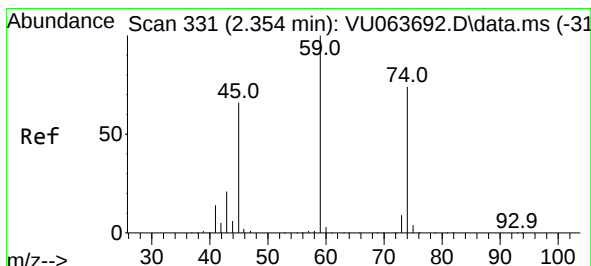
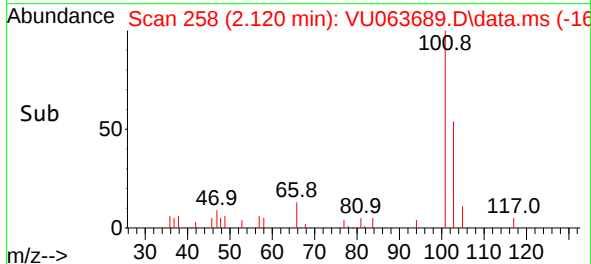
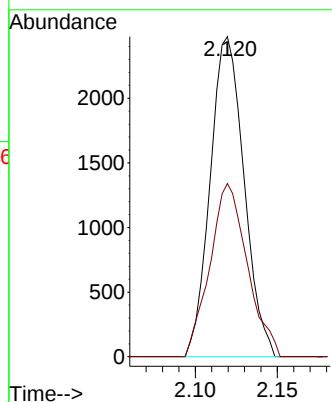
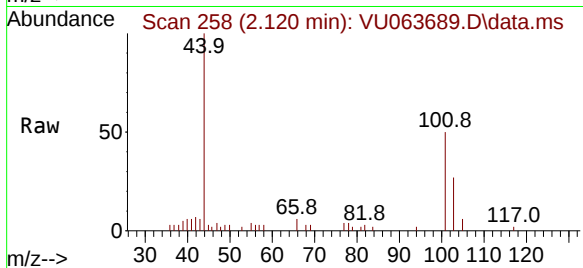




#7
 Trichlorofluoromethane
 Concen: 1.271 ug/l
 RT: 2.120 min Scan# 210
 Delta R.T. 0.006 min
 Lab File: VU063689.D
 Acq: 10 Nov 2025 10:09

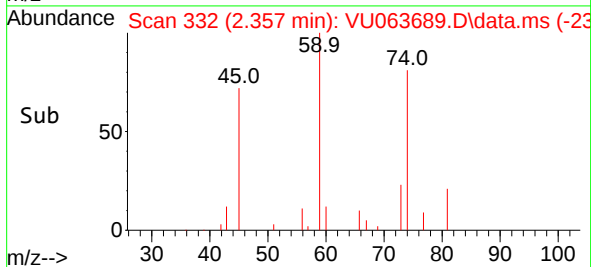
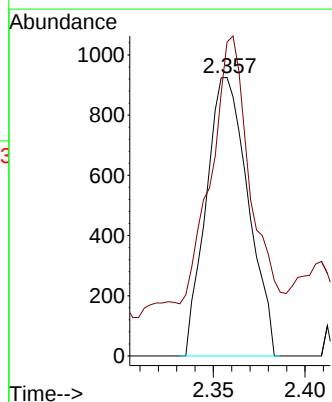
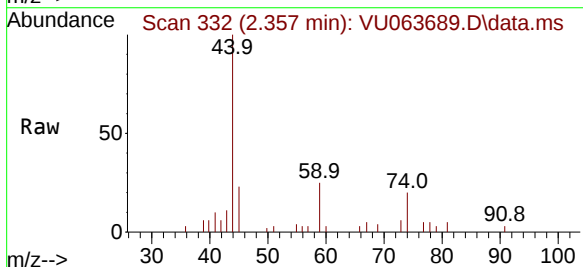
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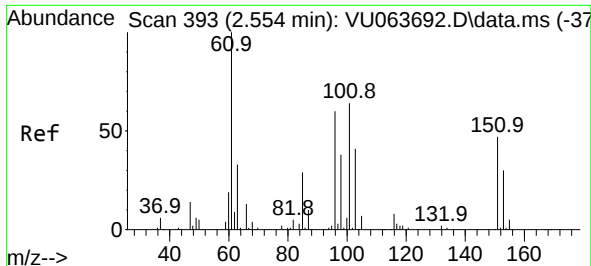
Tgt Ion:101 Resp: 3547
 Ion Ratio Lower Upper
 101 100
 103 54.1 50.3 75.5



#8
 Diethyl Ether
 Concen: 1.242 ug/l
 RT: 2.357 min Scan# 332
 Delta R.T. 0.003 min
 Lab File: VU063689.D
 Acq: 10 Nov 2025 10:09

Tgt Ion: 74 Resp: 1473
 Ion Ratio Lower Upper
 74 100
 45 100.4 44.1 132.4

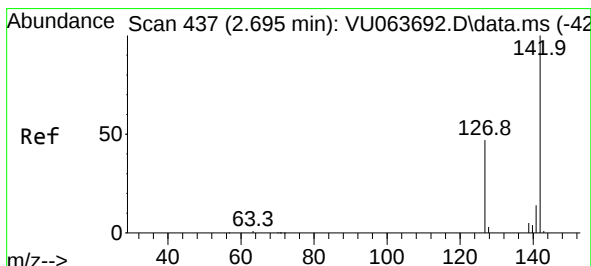
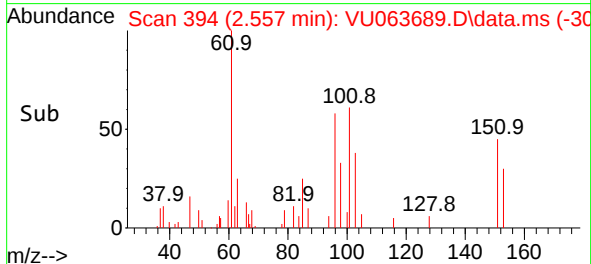
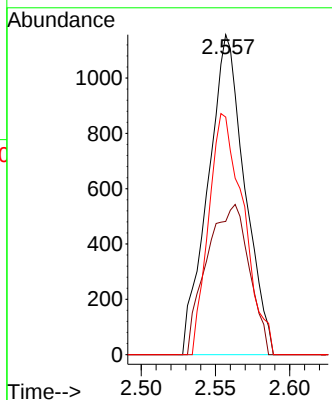
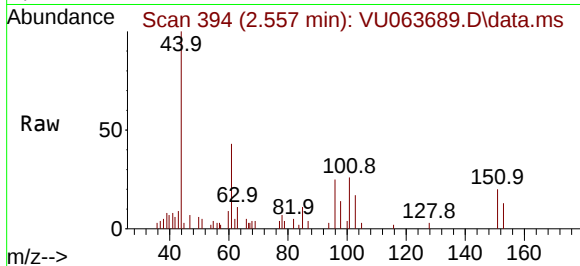




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.123 ug/l
RT: 2.557 min Scan# 393
Delta R.T. 0.003 min
Lab File: VU063689.D
Acq: 10 Nov 2025 10:09

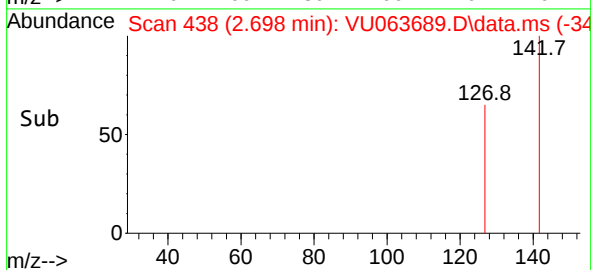
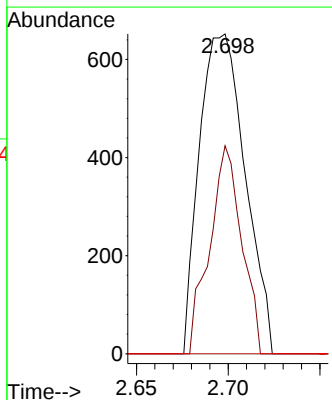
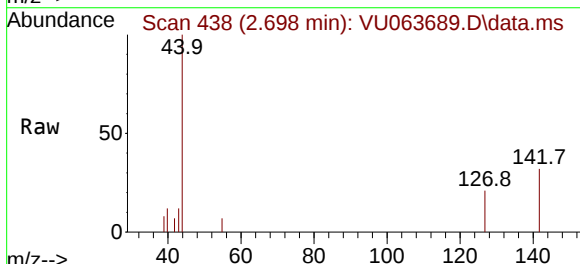
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ClientSampleId :
VSTDIC001

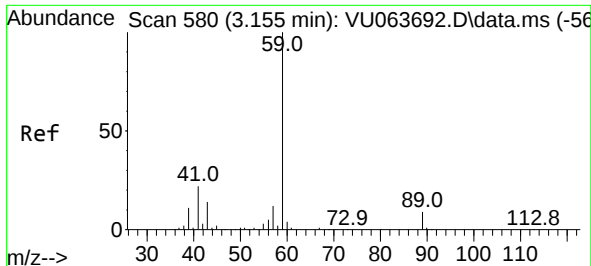
Tgt Ion:101 Resp: 1990
Ion Ratio Lower Upper
101 100
85 54.2 36.2 54.4
151 71.9 58.5 87.7



#10
Methyl Iodide
Concen: 3.510 ug/l
RT: 2.698 min Scan# 438
Delta R.T. 0.003 min
Lab File: VU063689.D
Acq: 10 Nov 2025 10:09

Tgt Ion:142 Resp: 1133
Ion Ratio Lower Upper
142 100
127 45.5 37.2 55.8
141 0.0 11.4 17.0#

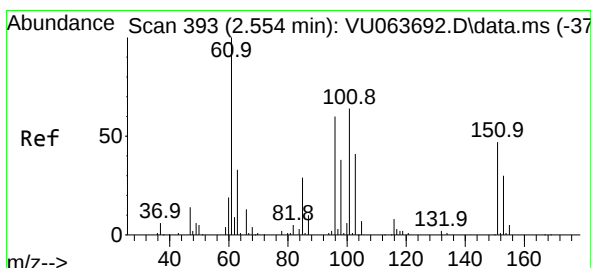
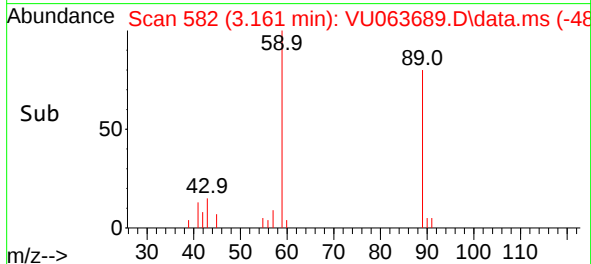
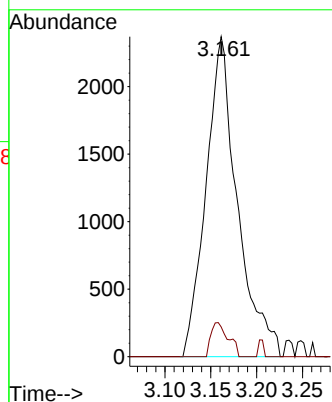
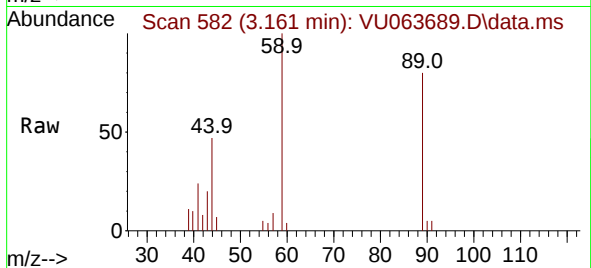




#11
Tert butyl alcohol
Concen: 8.329 ug/l
RT: 3.161 min Scan# 582
Delta R.T. 0.006 min
Lab File: VU063689.D
Acq: 10 Nov 2025 10:09

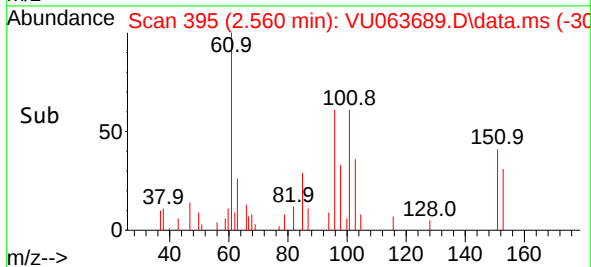
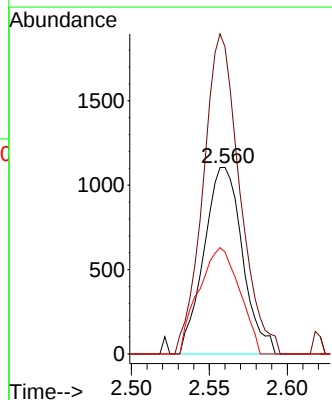
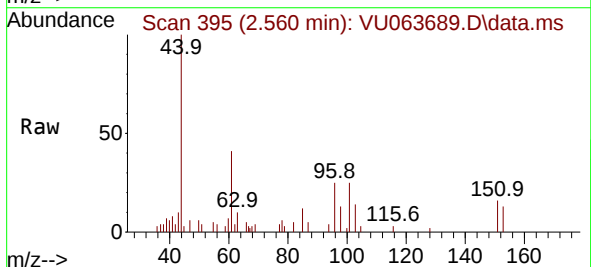
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

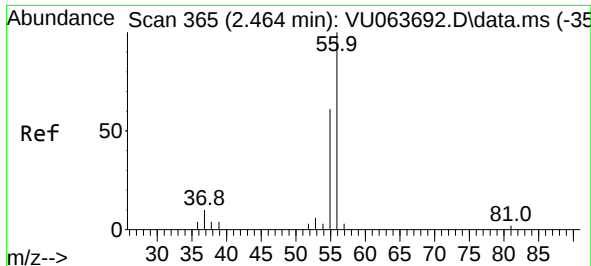
Tgt Ion: 59 Resp: 5635
Ion Ratio Lower Upper
59 100
57 5.8 8.2 12.2#



#12
1,1-Dichloroethene
Concen: 1.240 ug/l
RT: 2.560 min Scan# 395
Delta R.T. 0.006 min
Lab File: VU063689.D
Acq: 10 Nov 2025 10:09

Tgt Ion: 96 Resp: 1892
Ion Ratio Lower Upper
96 100
61 164.6 133.1 199.7
98 54.7 50.7 76.1





#13

Acrolein

Concen: 3.825 ug/l

RT: 2.460 min Scan# 3

Delta R.T. -0.004 min

Lab File: VU063689.D

Acq: 10 Nov 2025 10:09

Instrument :

MSVOA_U

ClientSampleId :

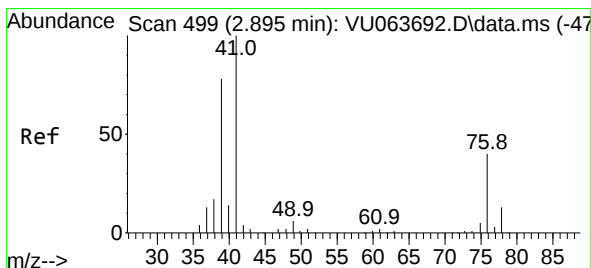
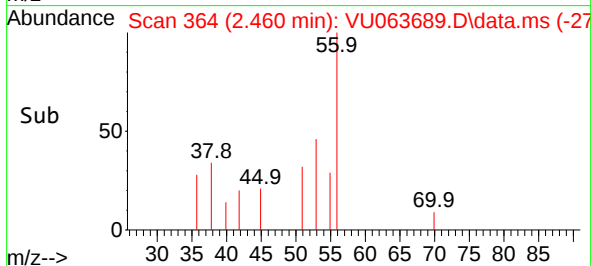
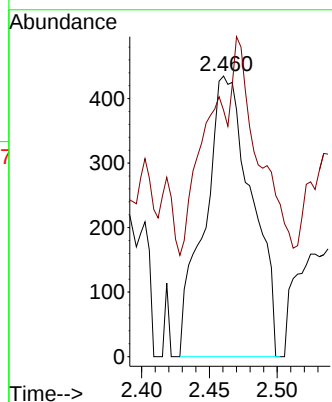
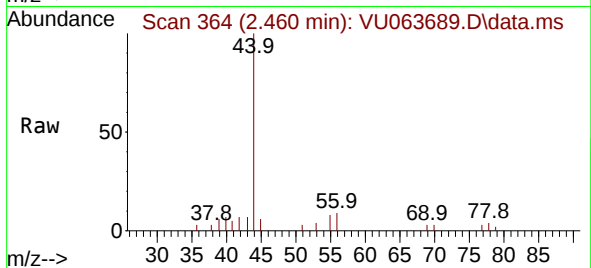
VSTDIC001

Tgt Ion: 56 Resp: 1050

Ion Ratio Lower Upper

56 100

55 34.7 47.1 70.7#



#14

Allyl chloride

Concen: 1.087 ug/l

RT: 2.901 min Scan# 501

Delta R.T. 0.006 min

Lab File: VU063689.D

Acq: 10 Nov 2025 10:09

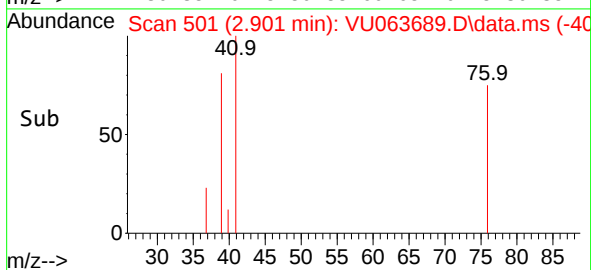
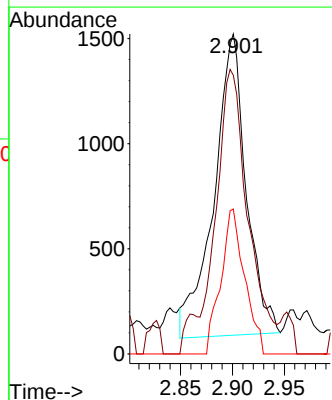
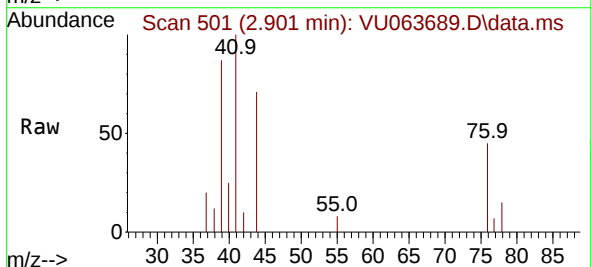
Tgt Ion: 41 Resp: 3095

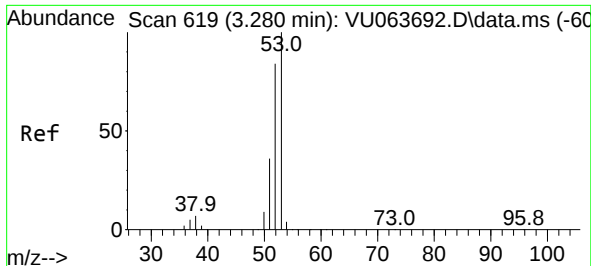
Ion Ratio Lower Upper

41 100

39 88.1 53.1 79.7#

76 35.4 26.4 39.6

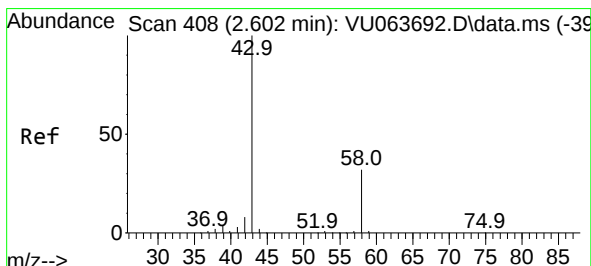
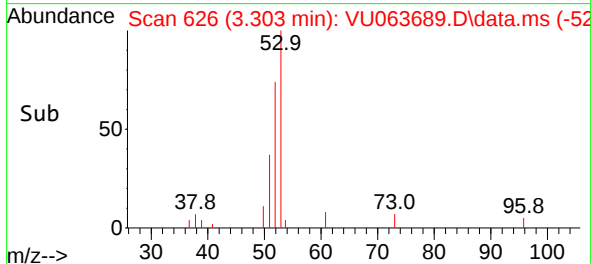
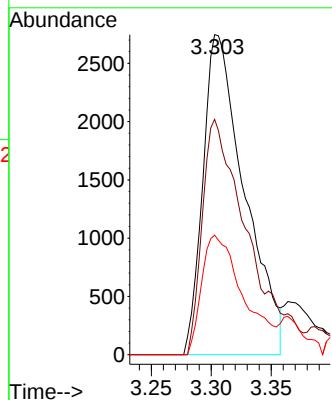
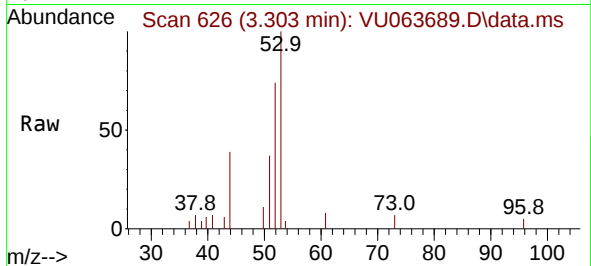




#15
Acrylonitrile
Concen: 4.781 ug/l
RT: 3.303 min Scan# 619
Delta R.T. 0.022 min
Lab File: VU063689.D
Acq: 10 Nov 2025 10:09

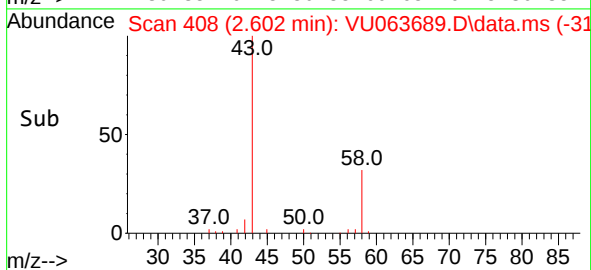
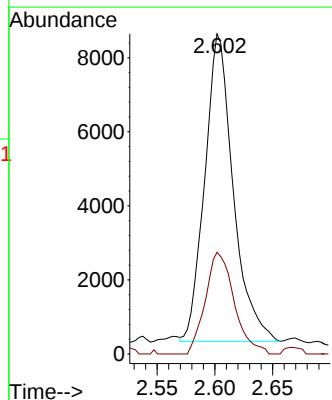
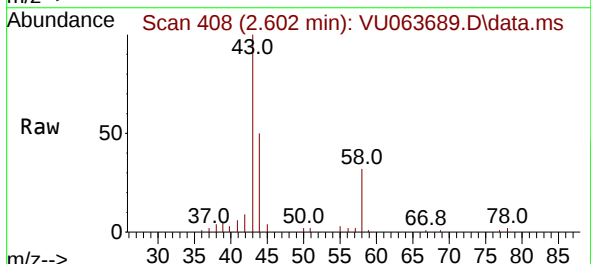
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

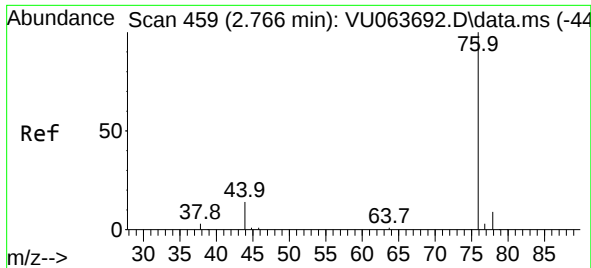
Tgt Ion: 53	Resp: 6625
Ion Ratio	Lower Upper
53 100	
52 80.7	67.5 101.3
51 37.7	29.0 43.6



#16
Acetone
Concen: 4.405 ug/l
RT: 2.602 min Scan# 408
Delta R.T. -0.000 min
Lab File: VU063689.D
Acq: 10 Nov 2025 10:09

Tgt Ion: 43	Resp: 14216
Ion Ratio	Lower Upper
43 100	
58 33.0	25.4 38.2

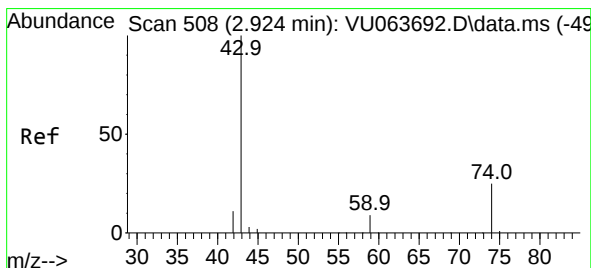
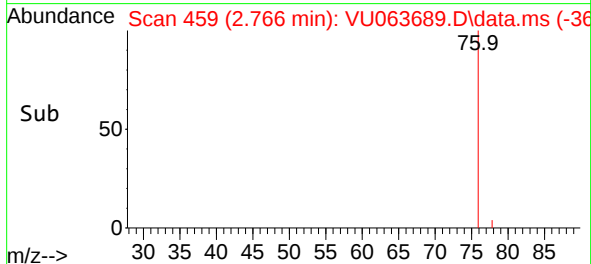
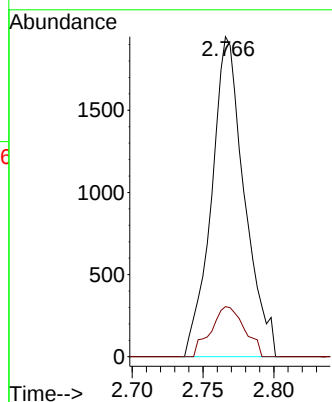
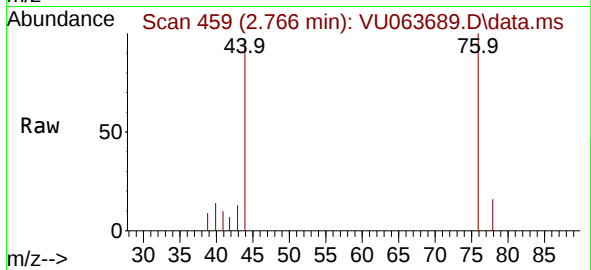




#17
Carbon Disulfide
Concen: 1.504 ug/l
RT: 2.766 min Scan# 411
Delta R.T. -0.000 min
Lab File: VU063689.D
Acq: 10 Nov 2025 10:09

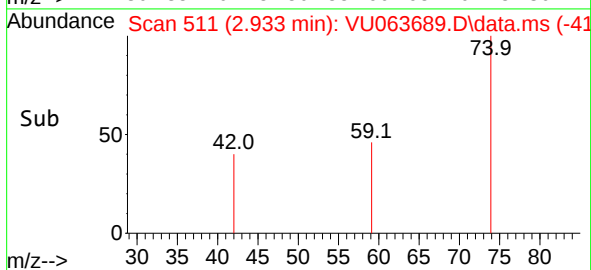
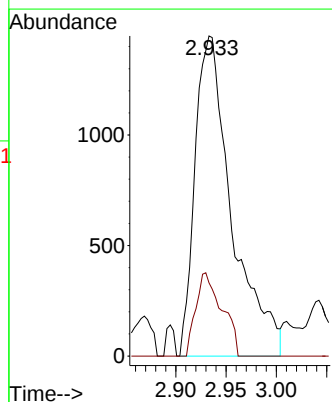
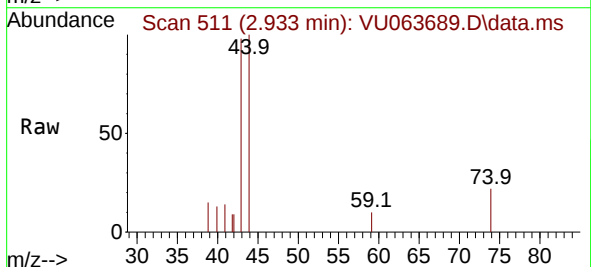
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

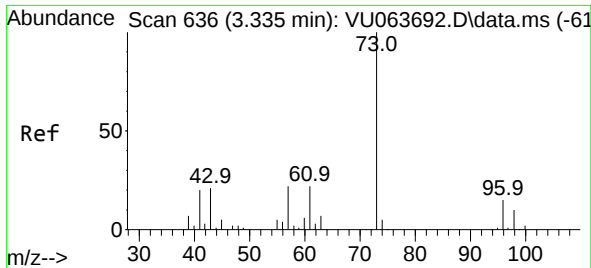
Tgt Ion: 76 Resp: 3139
Ion Ratio Lower Upper
76 100
78 15.7 7.0 10.6#



#18
Methyl Acetate
Concen: 2.265 ug/l
RT: 2.933 min Scan# 511
Delta R.T. 0.009 min
Lab File: VU063689.D
Acq: 10 Nov 2025 10:09

Tgt Ion: 43 Resp: 3679
Ion Ratio Lower Upper
43 100
74 18.4 20.6 31.0#

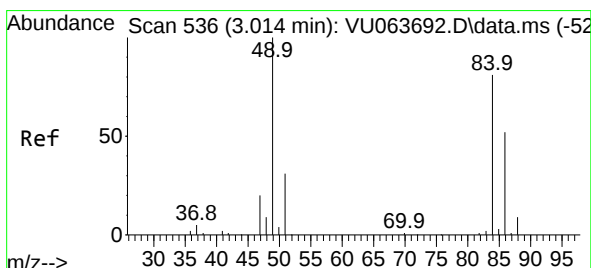
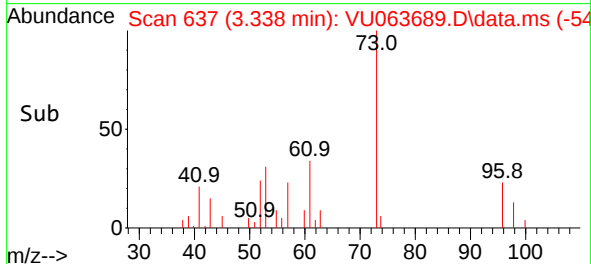
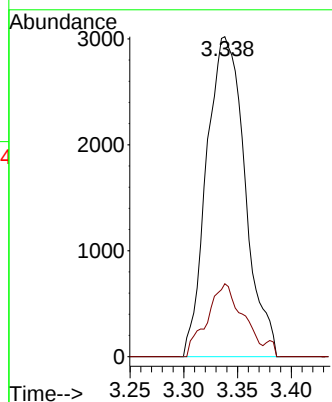
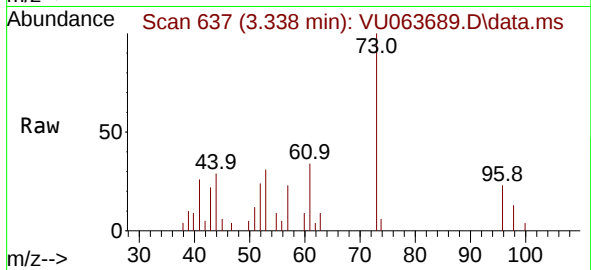




#19
Methyl tert-butyl Ether
Concen: 1.085 ug/l
RT: 3.338 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU063689.D
Acq: 10 Nov 2025 10:09

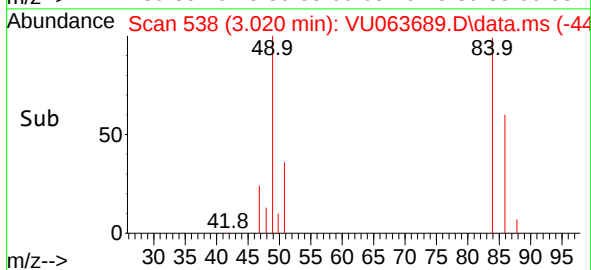
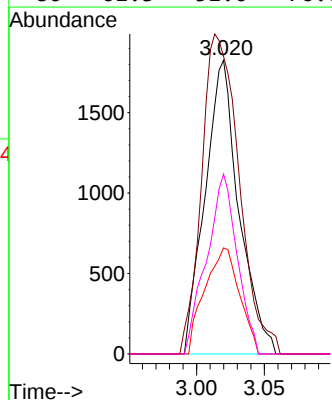
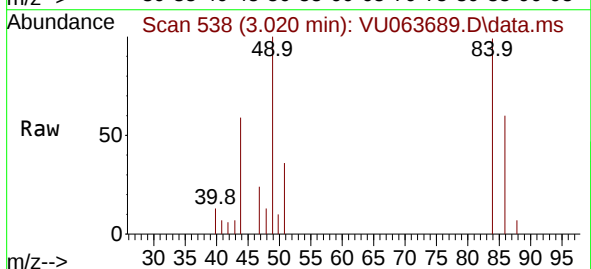
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

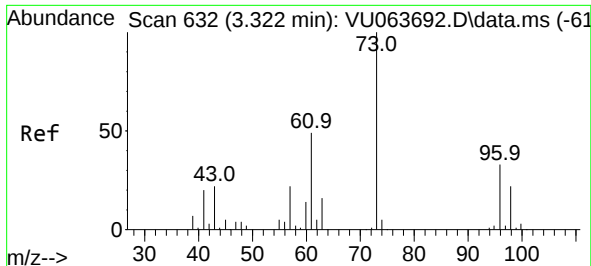
Tgt Ion: 73 Resp: 7476
Ion Ratio Lower Upper
73 100
57 22.8 17.4 26.2



#20
Methylene Chloride
Concen: 1.156 ug/l
RT: 3.020 min Scan# 538
Delta R.T. 0.006 min
Lab File: VU063689.D
Acq: 10 Nov 2025 10:09

Tgt Ion: 84 Resp: 3174
Ion Ratio Lower Upper
84 100
49 101.4 98.4 147.6
51 36.1 30.1 45.1
86 61.3 51.0 76.6

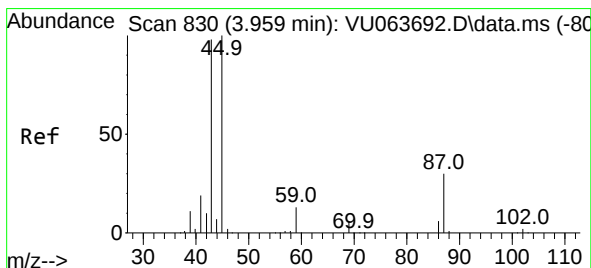
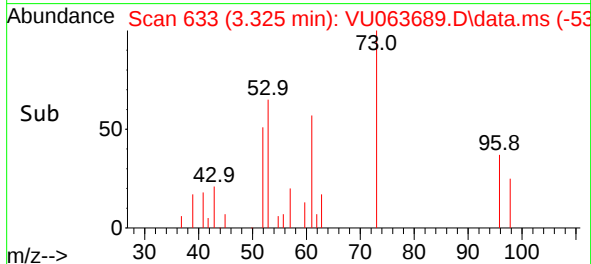
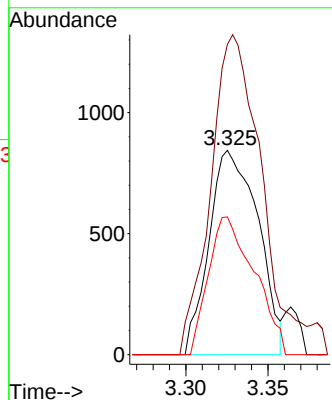
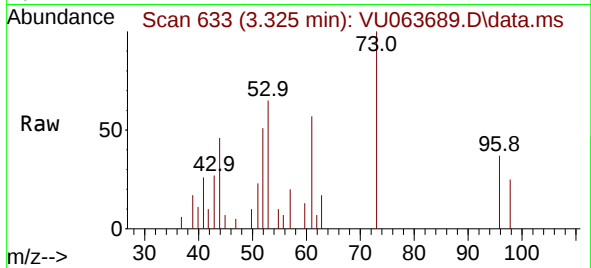




#21
trans-1,2-Dichloroethene
Concen: 1.119 ug/l
RT: 3.325 min Scan# 611
Delta R.T. 0.003 min
Lab File: VU063689.D
Acq: 10 Nov 2025 10:09

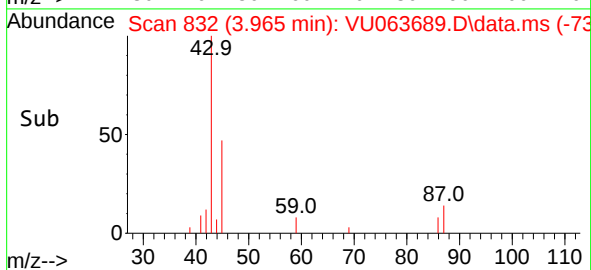
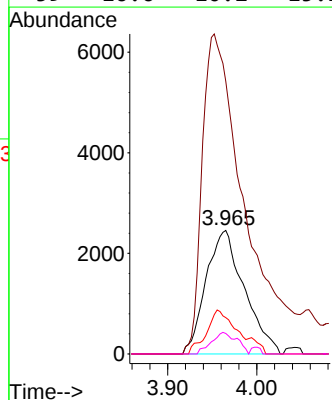
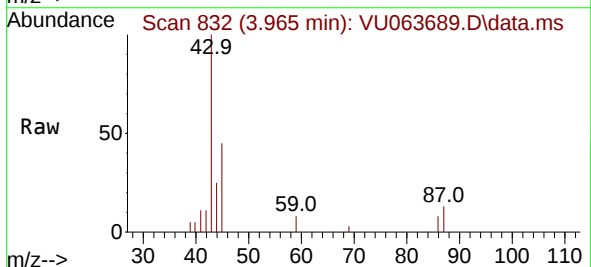
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

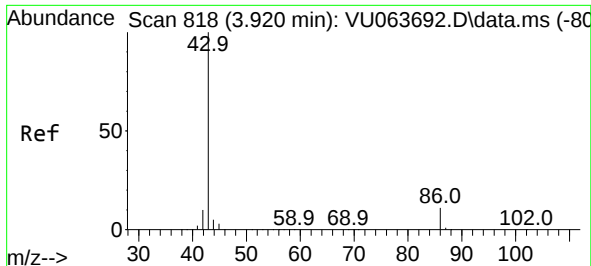
Tgt Ion: 96 Resp: 1753
Ion Ratio Lower Upper
96 100
61 151.9 117.5 176.3
98 67.4 52.7 79.1



#22
Diisopropyl ether
Concen: 1.170 ug/l
RT: 3.965 min Scan# 832
Delta R.T. 0.006 min
Lab File: VU063689.D
Acq: 10 Nov 2025 10:09

Tgt Ion: 45 Resp: 7336
Ion Ratio Lower Upper
45 100
43 220.5 78.1 117.1#
87 29.4 23.8 35.8
59 16.6 10.2 15.2#

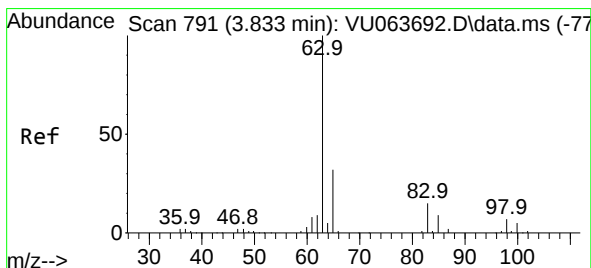
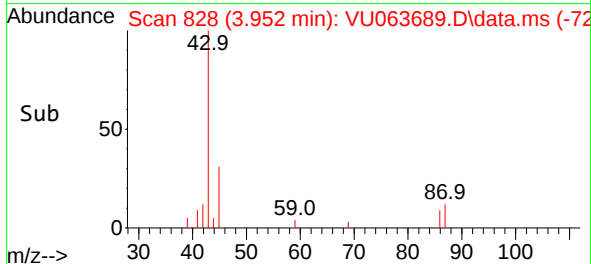
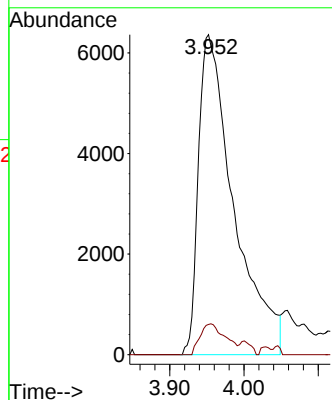
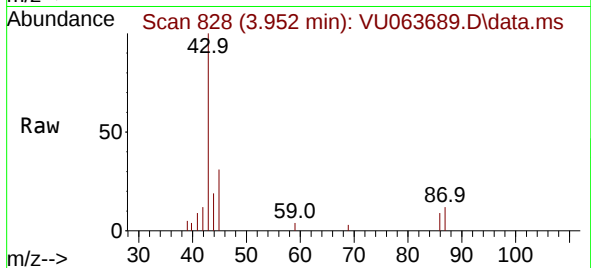




#23
 Vinyl Acetate
 Concen: 4.927 ug/l
 RT: 3.952 min Scan# 818
 Delta R.T. 0.032 min
 Lab File: VU063689.D
 Acq: 10 Nov 2025 10:09

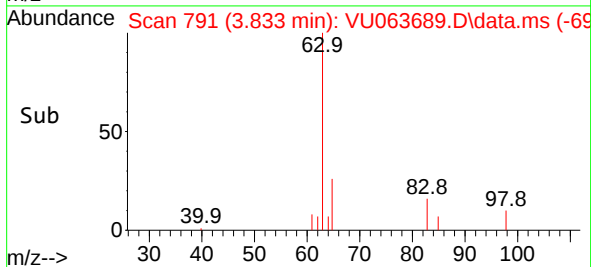
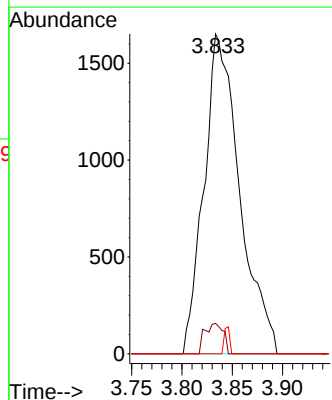
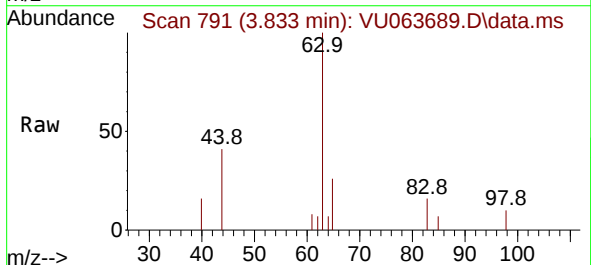
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

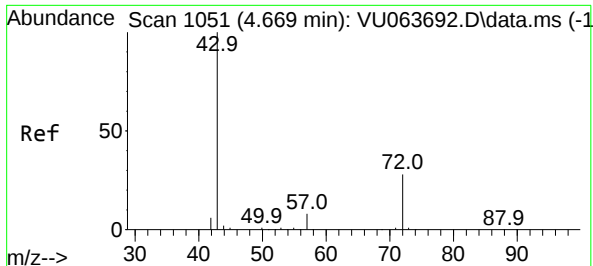
Tgt Ion: 43 Resp: 21067
 Ion Ratio Lower Upper
 43 100
 86 9.5 8.7 13.1



#24
 1,1-Dichloroethane
 Concen: 1.127 ug/l
 RT: 3.833 min Scan# 791
 Delta R.T. -0.000 min
 Lab File: VU063689.D
 Acq: 10 Nov 2025 10:09

Tgt Ion: 63 Resp: 4075
 Ion Ratio Lower Upper
 63 100
 98 9.5 3.7 11.1
 100 0.0 2.5 7.5#

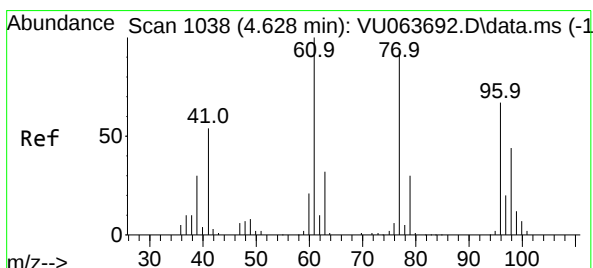
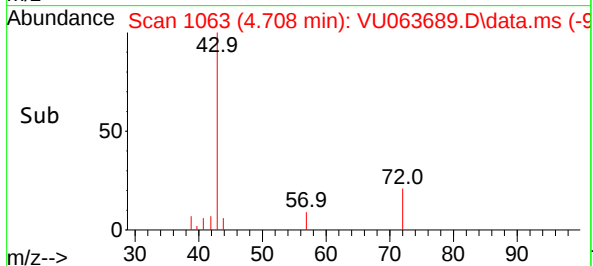
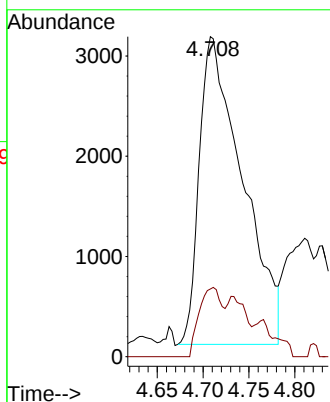
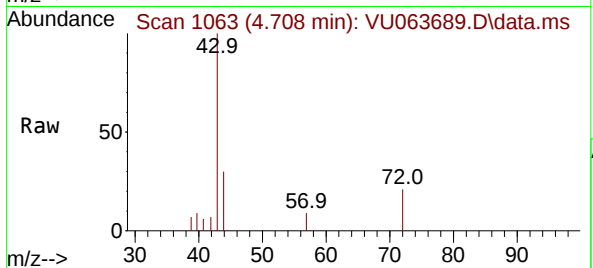




#25
2-Butanone
Concen: 5.015 ug/l
RT: 4.708 min Scan# 1063
Delta R.T. 0.038 min
Lab File: VU063689.D
Acq: 10 Nov 2025 10:09

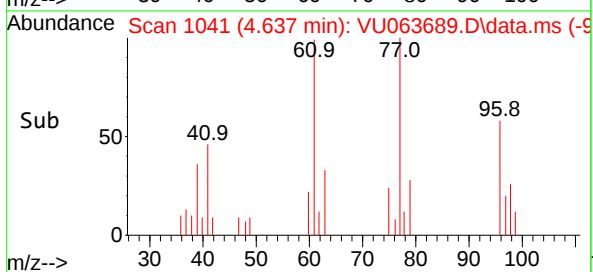
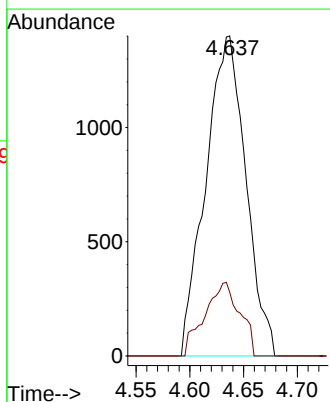
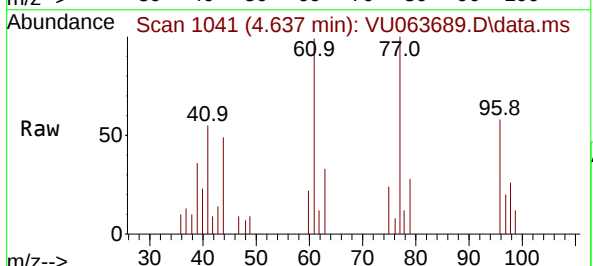
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

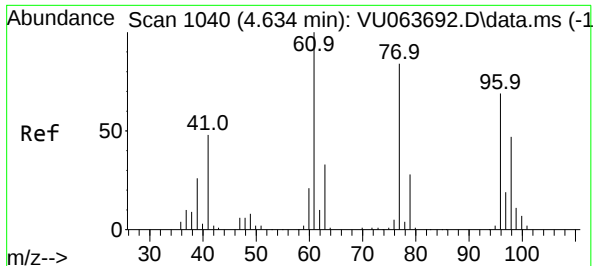
Tgt Ion: 43 Resp: 10013
Ion Ratio Lower Upper
43 100
72 22.0 22.0 33.0



#26
2,2-Dichloropropane
Concen: 1.167 ug/l
RT: 4.637 min Scan# 1041
Delta R.T. 0.009 min
Lab File: VU063689.D
Acq: 10 Nov 2025 10:09

Tgt Ion: 77 Resp: 3624
Ion Ratio Lower Upper
77 100
97 20.2 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 1.145 ug/l

RT: 4.653 min Scan# 1046

Delta R.T. 0.019 min

Lab File: VU063689.D

Acq: 10 Nov 2025 10:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

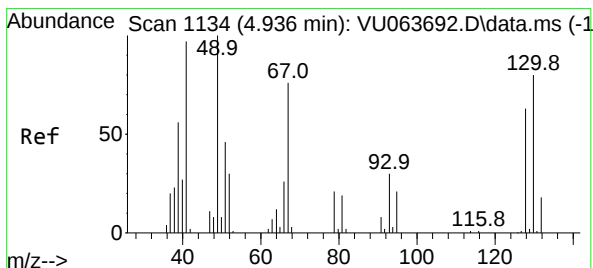
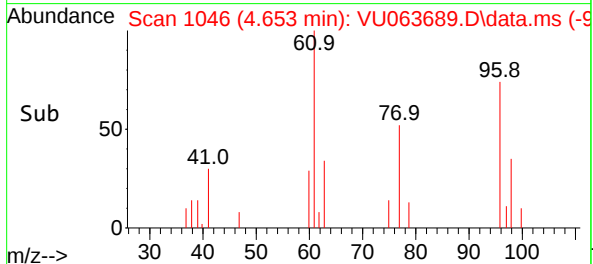
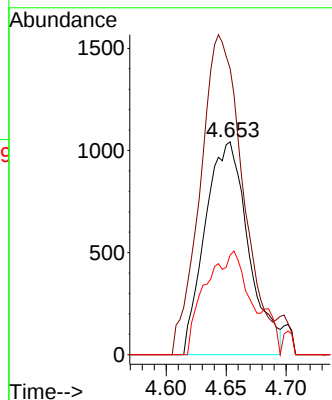
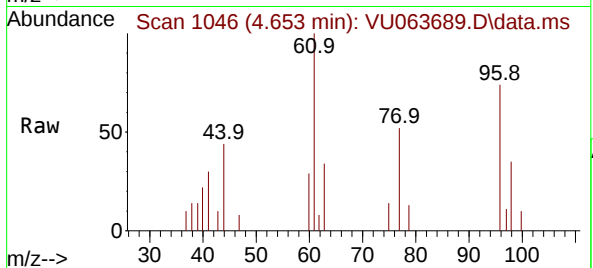
Tgt Ion: 96 Resp: 2621

Ion Ratio Lower Upper

96 100

61 146.9 0.0 295.4

98 22.2 0.0 131.8



#28

Bromochloromethane

Concen: 0.227 ug/l

RT: 4.936 min Scan# 1134

Delta R.T. -0.000 min

Lab File: VU063689.D

Acq: 10 Nov 2025 10:09

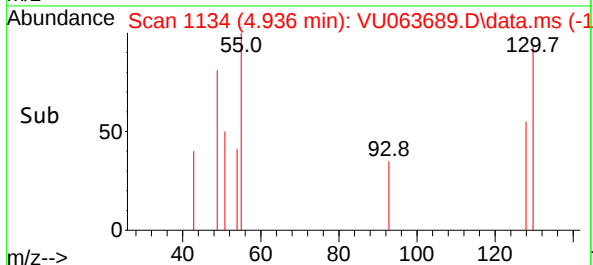
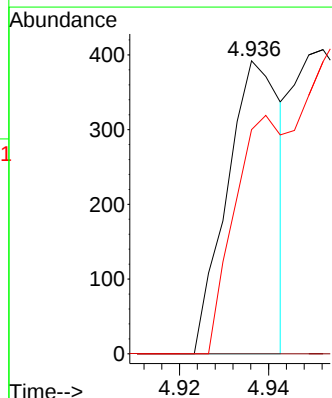
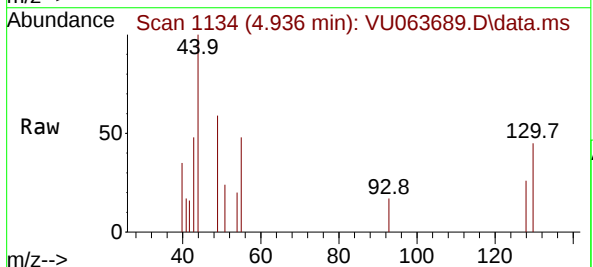
Tgt Ion: 49 Resp: 328

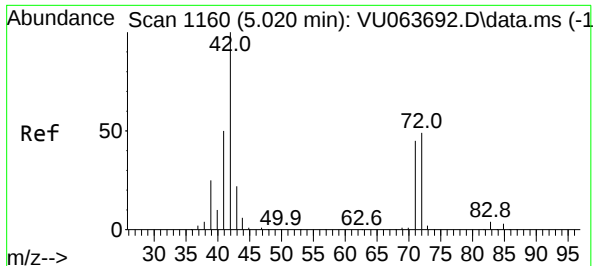
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.6

130 73.2 65.1 97.7

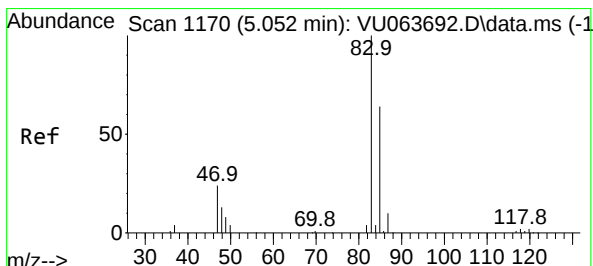
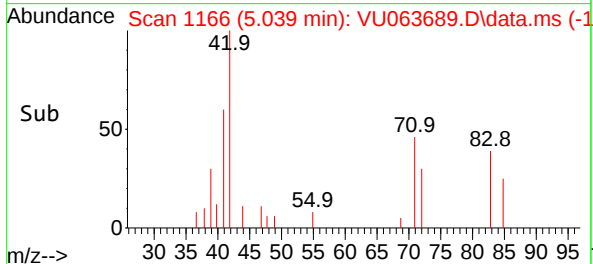
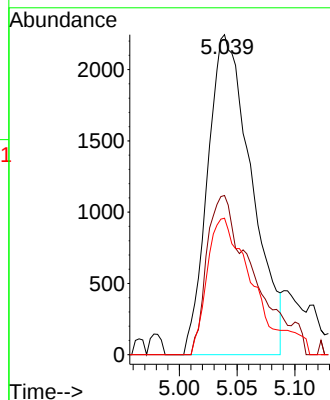
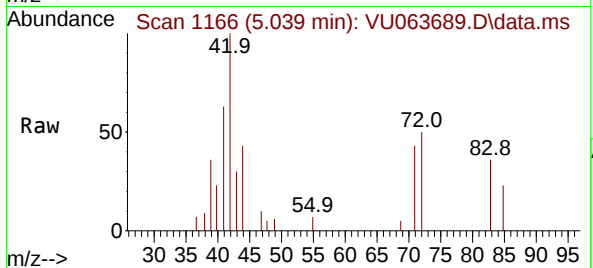




#29
Tetrahydrofuran
Concen: 5.110 ug/l
RT: 5.039 min Scan# 1166
Delta R.T. 0.019 min
Lab File: VU063689.D
Acq: 10 Nov 2025 10:09

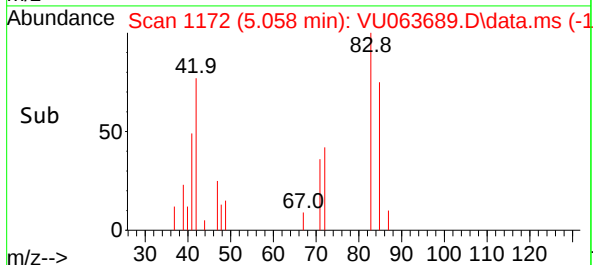
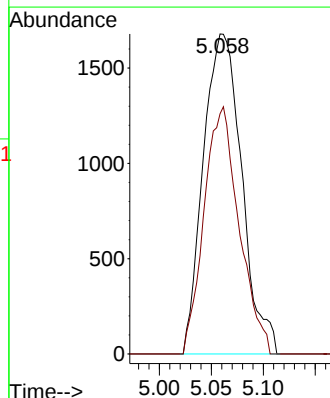
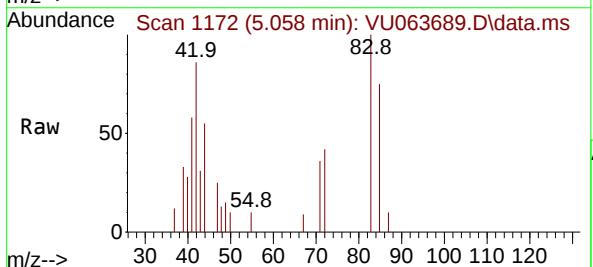
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

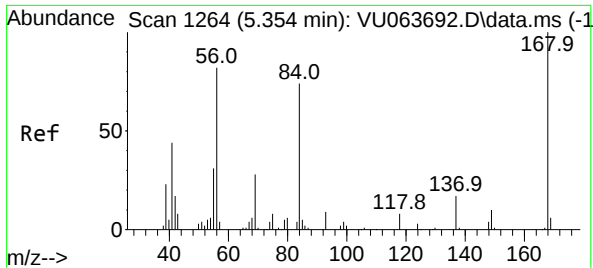
Tgt Ion:	42	Resp:	5937
Ion	Ratio	Lower	Upper
42	100		
72	53.2	40.0	60.0
71	45.0	37.4	56.0



#30
Chloroform
Concen: 1.092 ug/l
RT: 5.058 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VU063689.D
Acq: 10 Nov 2025 10:09

Tgt Ion:	83	Resp:	4325
Ion	Ratio	Lower	Upper
83	100		
85	75.0	51.0	76.6

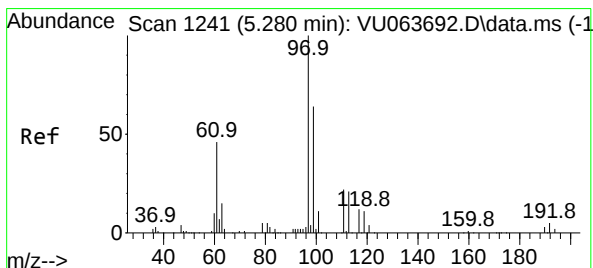
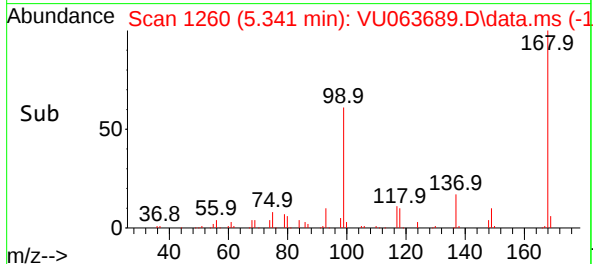
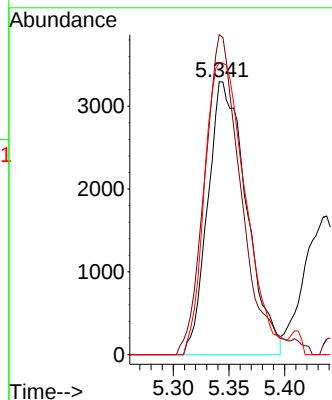
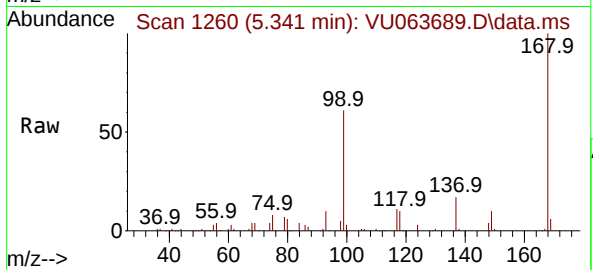




#31
Cyclohexane
Concen: 1.768 ug/l
RT: 5.341 min Scan# 11
Delta R.T. -0.013 min
Lab File: VU063689.D
Acq: 10 Nov 2025 10:09

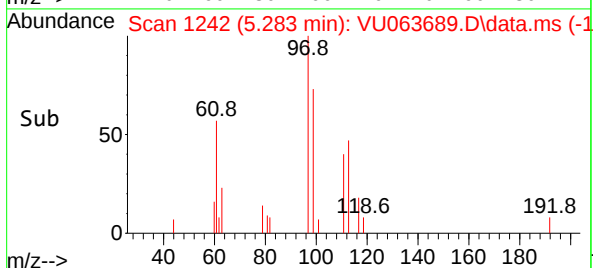
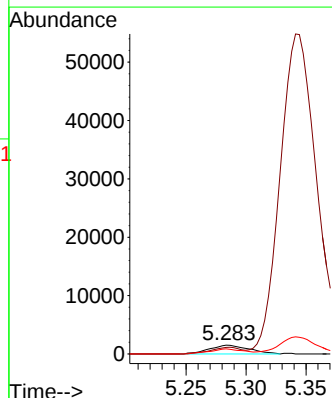
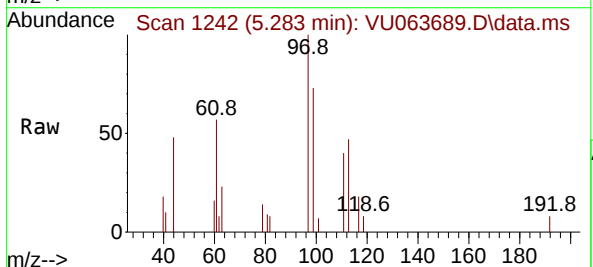
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

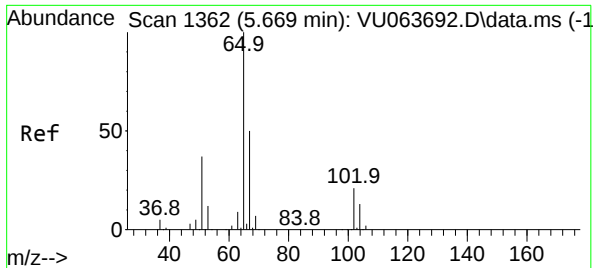
Tgt Ion: 56 Resp: 7983
Ion Ratio Lower Upper
56 100
69 114.0 27.0 40.6#
84 106.9 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 1.064 ug/l
RT: 5.283 min Scan# 1242
Delta R.T. 0.003 min
Lab File: VU063689.D
Acq: 10 Nov 2025 10:09

Tgt Ion: 97 Resp: 3459
Ion Ratio Lower Upper
97 100
99 0.0 49.8 74.8#
61 47.7 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 1.305 ug/l

RT: 5.685 min Scan# 1

Delta R.T. 0.016 min

Lab File: VU063689.D

Acq: 10 Nov 2025 10:09

Instrument :

MSVOA_U

ClientSampleId :

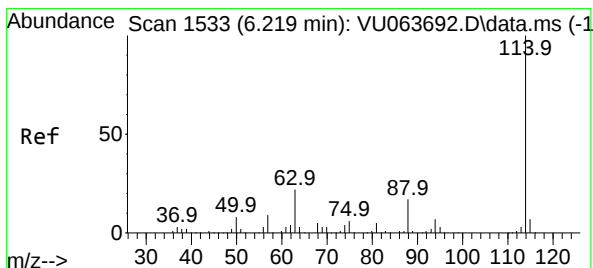
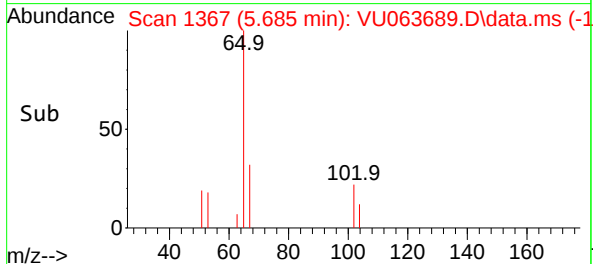
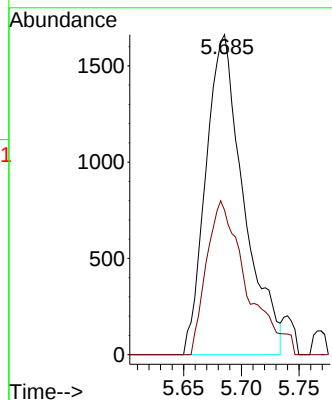
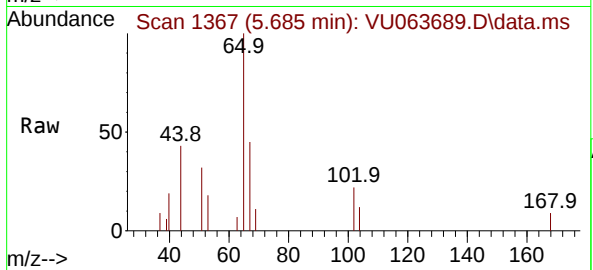
VSTDICC001

Tgt Ion: 65 Resp: 3784

Ion Ratio Lower Upper

65 100

67 50.9 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.222 min Scan# 1534

Delta R.T. 0.003 min

Lab File: VU063689.D

Acq: 10 Nov 2025 10:09

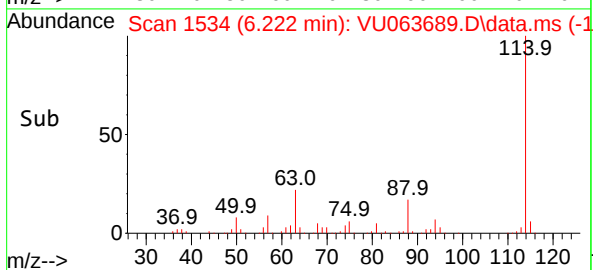
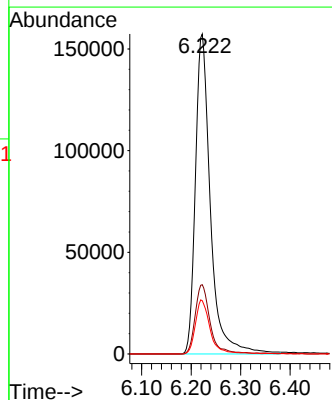
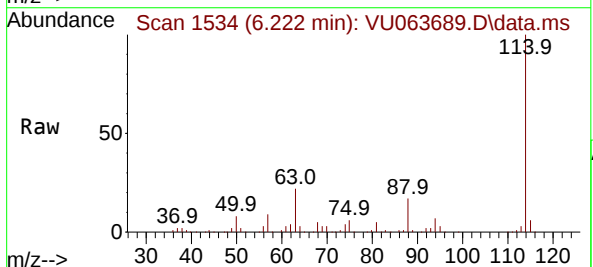
Tgt Ion: 114 Resp: 332714

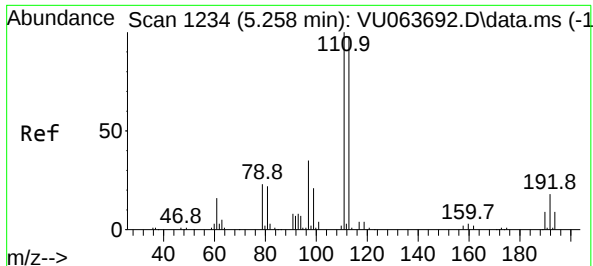
Ion Ratio Lower Upper

114 100

63 21.6 0.0 44.0

88 16.7 0.0 33.6

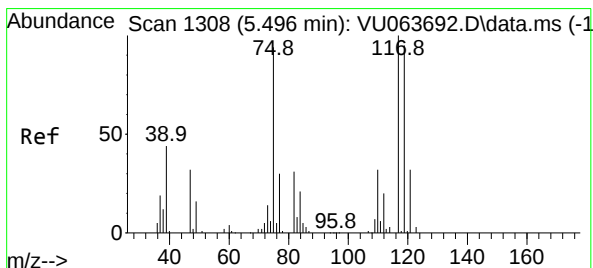
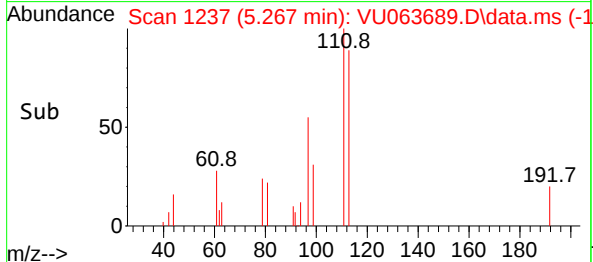
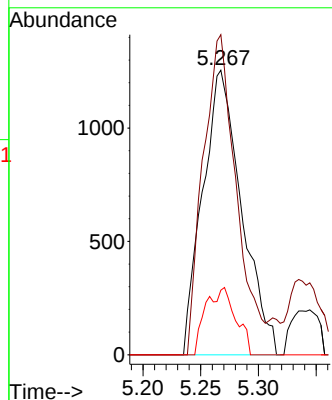
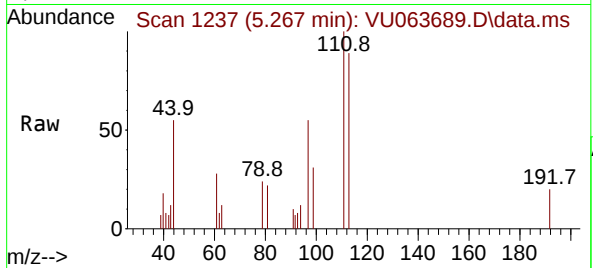




#35
Dibromofluoromethane
Concen: 1.259 ug/l
RT: 5.267 min Scan# 11
Delta R.T. 0.009 min
Lab File: VU063689.D
Acq: 10 Nov 2025 10:09

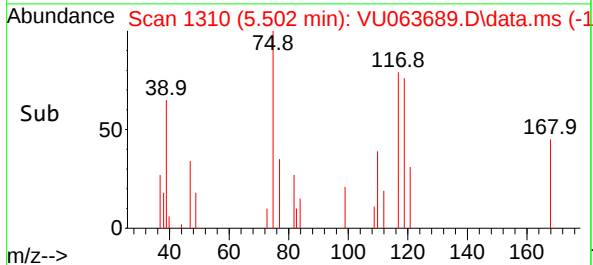
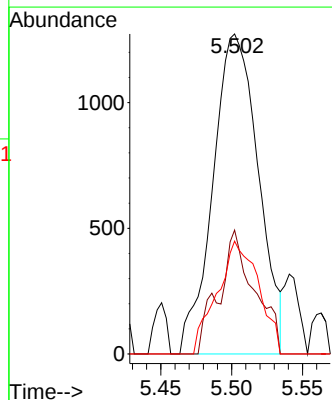
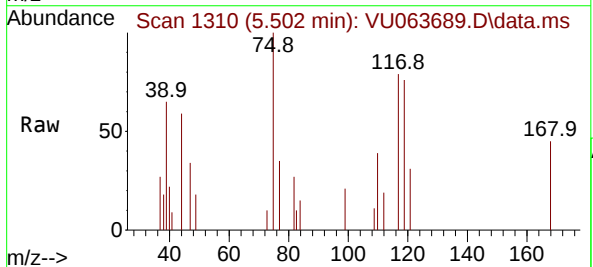
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

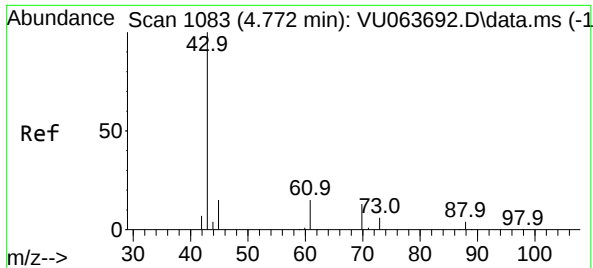
Tgt Ion:113 Resp: 2935
Ion Ratio Lower Upper
113 100
111 96.1 82.4 123.6
192 18.3 15.4 23.0



#36
1,1-Dichloropropene
Concen: 1.201 ug/l
RT: 5.502 min Scan# 1310
Delta R.T. 0.006 min
Lab File: VU063689.D
Acq: 10 Nov 2025 10:09

Tgt Ion: 75 Resp: 2848
Ion Ratio Lower Upper
75 100
110 23.6 17.3 51.7
77 32.1 24.4 36.6





#37

Ethyl Acetate

Concen: 0.232 ug/l

RT: 4.811 min Scan# 1095

Delta R.T. 0.038 min

Lab File: VU063689.D

Acq: 10 Nov 2025 10:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

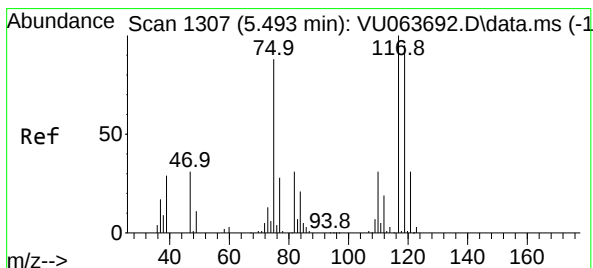
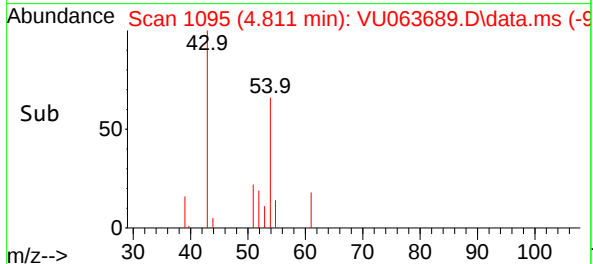
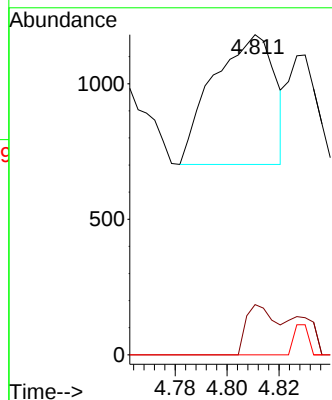
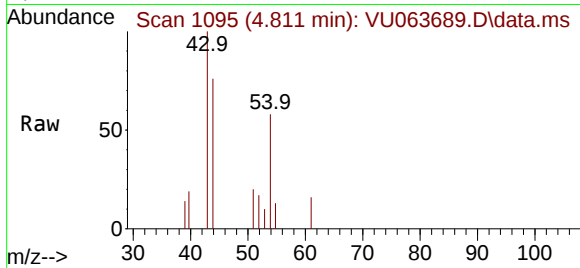
Tgt Ion: 43 Resp: 784

Ion Ratio Lower Upper

43 100

61 18.2 10.3 15.5#

70 5.5 8.9 13.3#



#38

Carbon Tetrachloride

Concen: 1.169 ug/l

RT: 5.496 min Scan# 1308

Delta R.T. 0.003 min

Lab File: VU063689.D

Acq: 10 Nov 2025 10:09

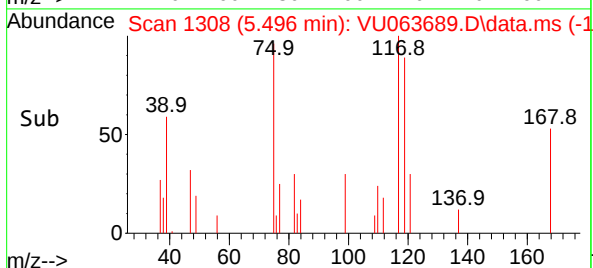
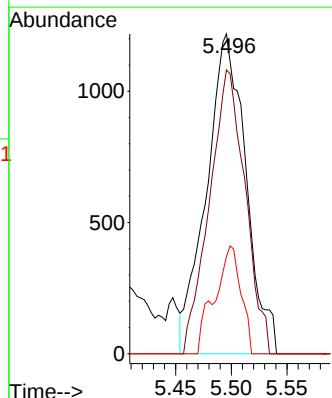
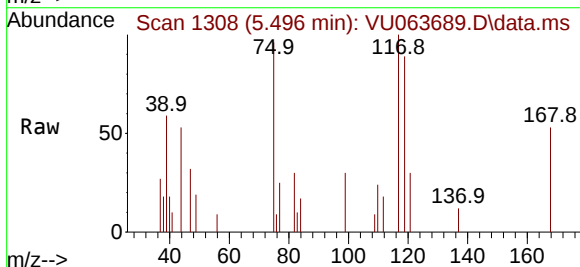
Tgt Ion: 117 Resp: 2997

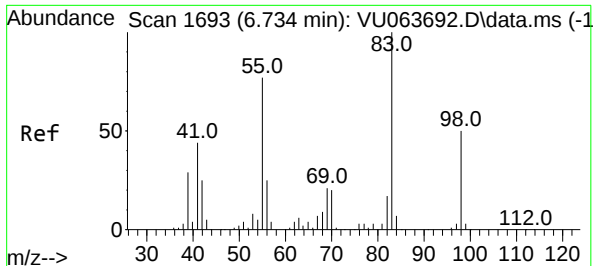
Ion Ratio Lower Upper

117 100

119 88.8 76.1 114.1

121 30.4 24.6 37.0





#39

Methylcyclohexane

Concen: 1.134 ug/l

RT: 6.740 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU063689.D

Acq: 10 Nov 2025 10:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

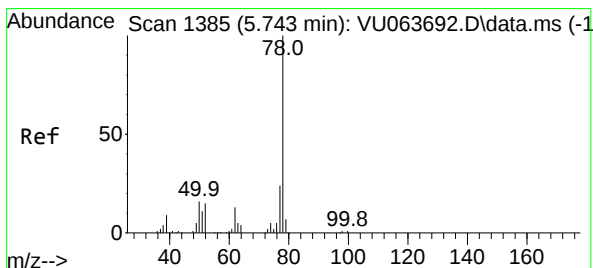
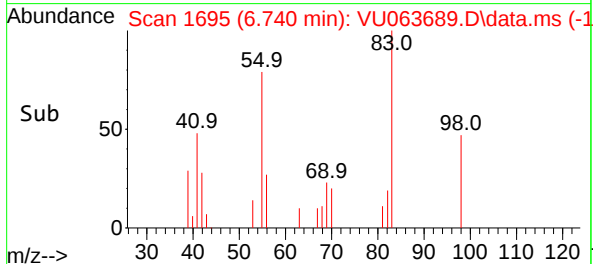
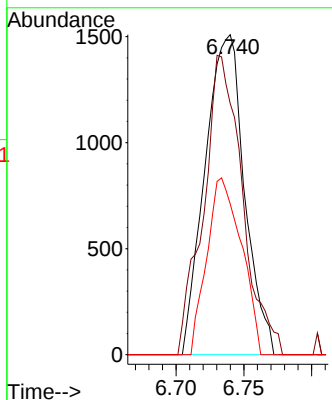
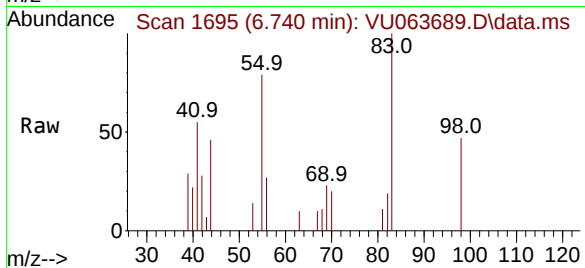
Tgt Ion: 83 Resp: 3055

Ion Ratio Lower Upper

83 100

55 78.5 61.6 92.4

98 47.1 40.0 60.0



#40

Benzene

Concen: 1.164 ug/l

RT: 5.746 min Scan# 1386

Delta R.T. 0.003 min

Lab File: VU063689.D

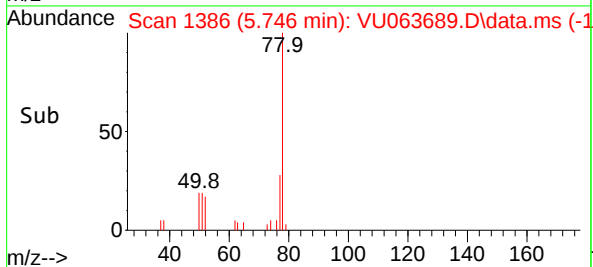
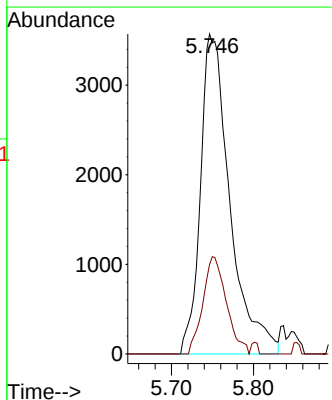
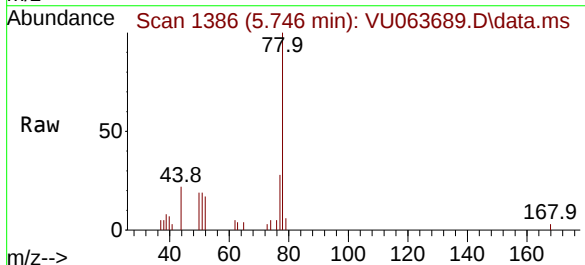
Acq: 10 Nov 2025 10:09

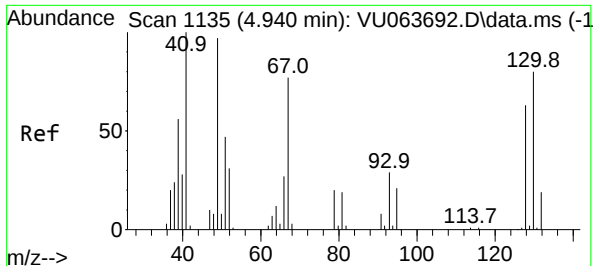
Tgt Ion: 78 Resp: 8911

Ion Ratio Lower Upper

78 100

77 28.0 18.9 28.3

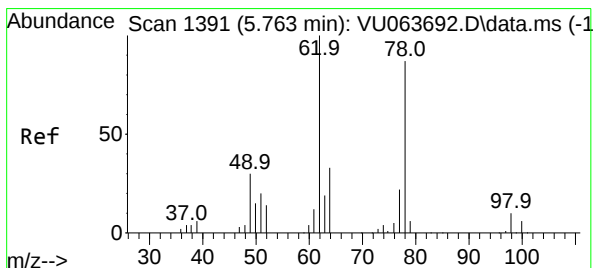
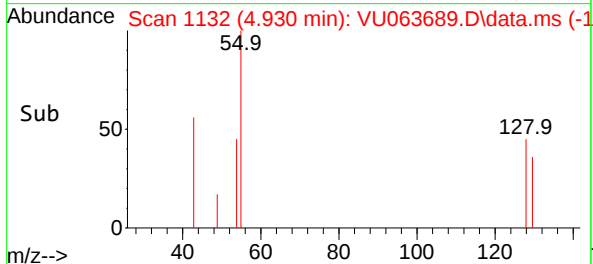
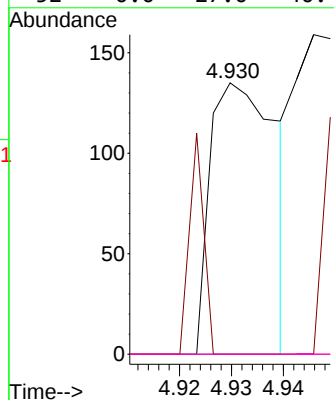
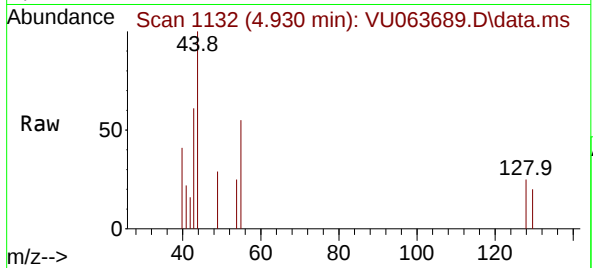




#41
Methacrylonitrile
Concen: 0.068 ug/l
RT: 4.930 min Scan# 1135
Delta R.T. -0.010 min
Lab File: VU063689.D
Acq: 10 Nov 2025 10:09

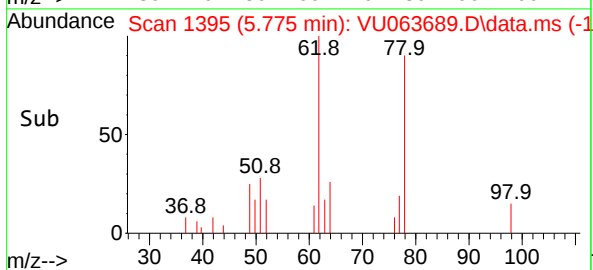
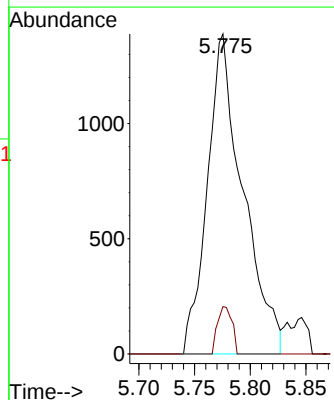
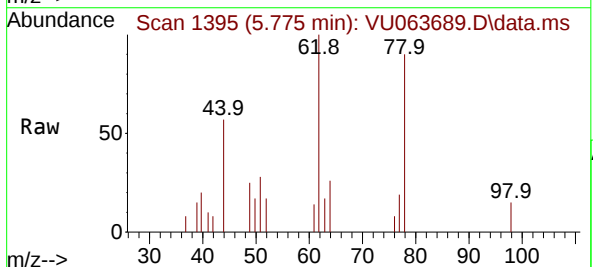
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

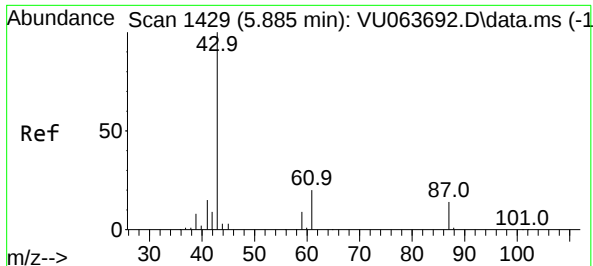
Tgt Ion:	41	Resp:	119
Ion	Ratio	Lower	Upper
41	100		
39	0.0	44.7	67.1#
67	0.0	67.4	101.2#
52	0.0	27.0	40.4#



#42
1,2-Dichloroethane
Concen: 1.022 ug/l
RT: 5.775 min Scan# 1395
Delta R.T. 0.013 min
Lab File: VU063689.D
Acq: 10 Nov 2025 10:09

Tgt Ion:	62	Resp:	3084
Ion	Ratio	Lower	Upper
62	100		
98	6.0	0.0	18.2





#43

Isopropyl Acetate

Concen: 1.037 ug/l

RT: 5.901 min Scan# 1434

Delta R.T. 0.016 min

Lab File: VU063689.D

Acq: 10 Nov 2025 10:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

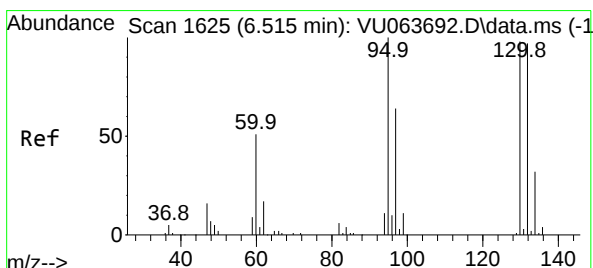
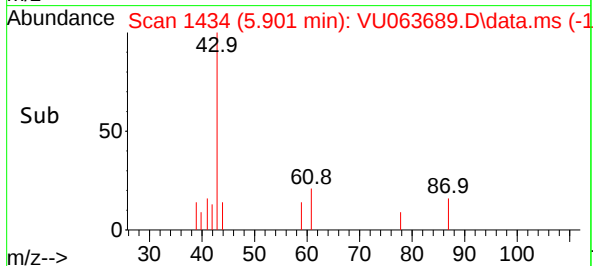
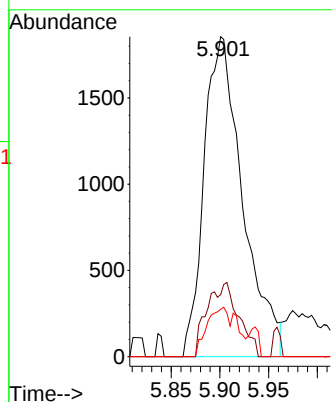
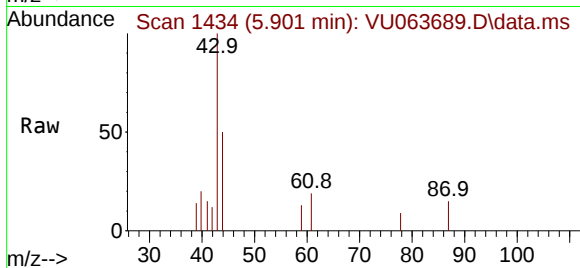
Tgt Ion: 43 Resp: 5105

Ion Ratio Lower Upper

43 100

61 7.6 15.9 23.9#

87 8.7 11.0 16.6#



#44

Trichloroethene

Concen: 1.320 ug/l

RT: 6.518 min Scan# 1626

Delta R.T. 0.003 min

Lab File: VU063689.D

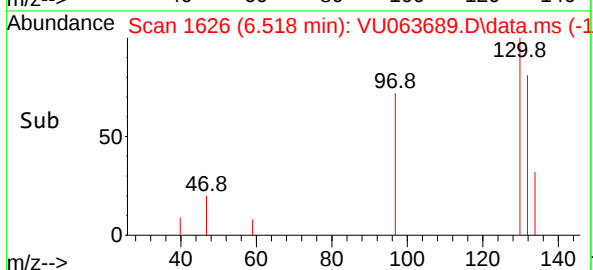
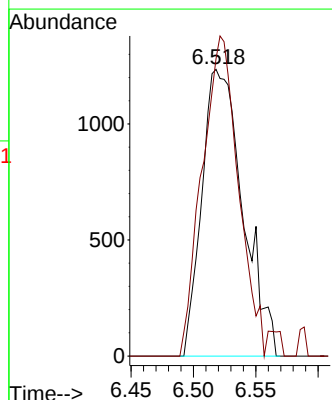
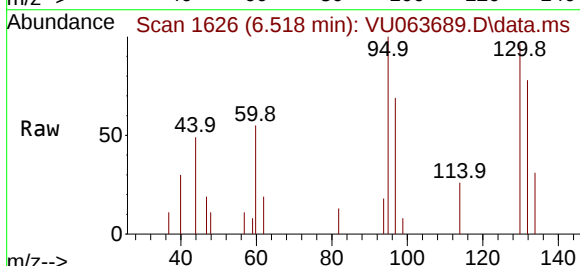
Acq: 10 Nov 2025 10:09

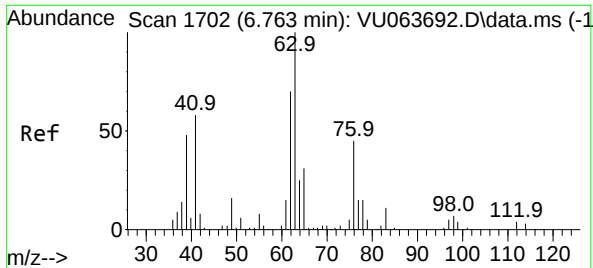
Tgt Ion:130 Resp: 2835

Ion Ratio Lower Upper

130 100

95 103.7 0.0 203.6





#45

1,2-Dichloropropane

Concen: 1.060 ug/l

RT: 6.772 min Scan# 1

Delta R.T. 0.009 min

Lab File: VU063689.D

Acq: 10 Nov 2025 10:09

Instrument :

MSVOA_U

ClientSampleId :

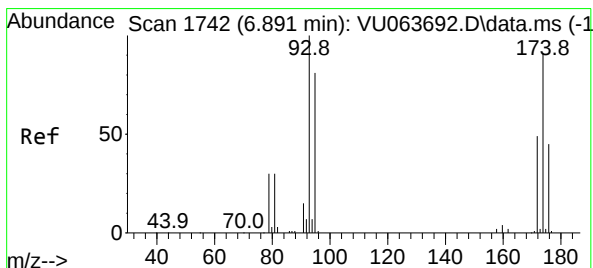
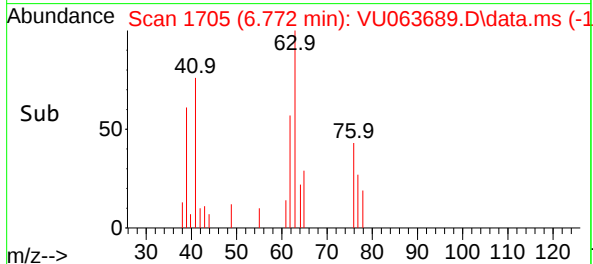
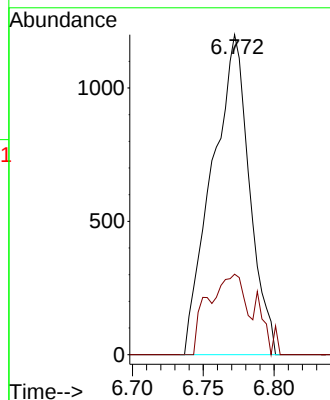
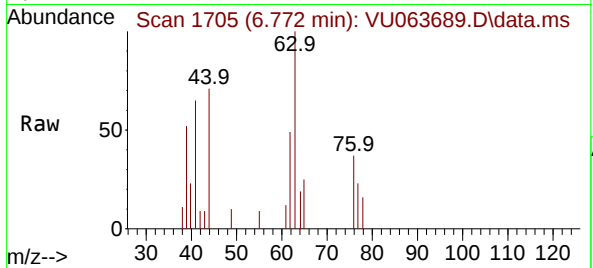
VSTDICC001

Tgt Ion: 63 Resp: 2205

Ion Ratio Lower Upper

63 100

65 25.2 24.9 37.3



#46

Dibromomethane

Concen: 1.071 ug/l

RT: 6.901 min Scan# 1745

Delta R.T. 0.009 min

Lab File: VU063689.D

Acq: 10 Nov 2025 10:09

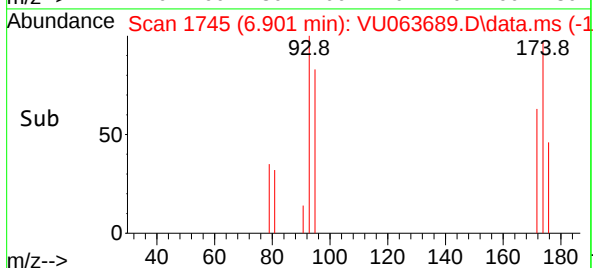
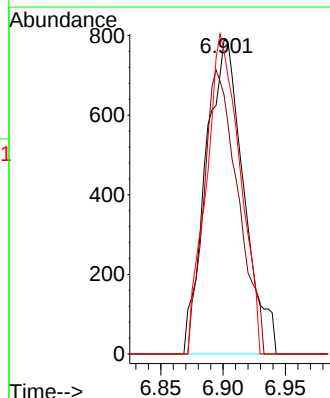
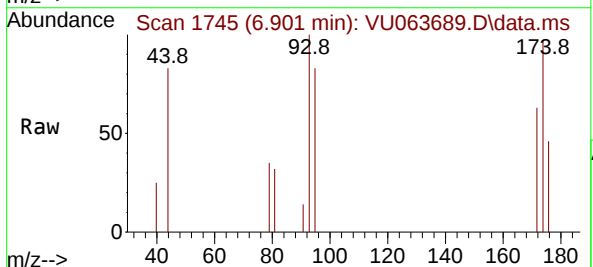
Tgt Ion: 93 Resp: 1673

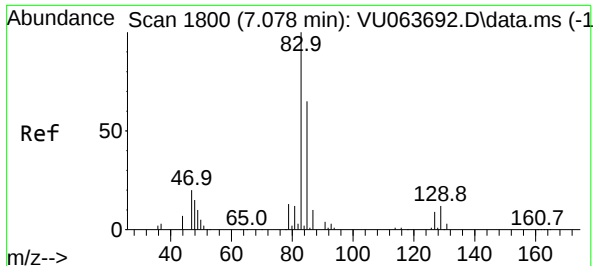
Ion Ratio Lower Upper

93 100

95 81.8 65.9 98.9

174 90.6 74.9 112.3





#47

Bromodichloromethane

Concen: 1.103 ug/l

RT: 7.084 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU063689.D

Acq: 10 Nov 2025 10:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

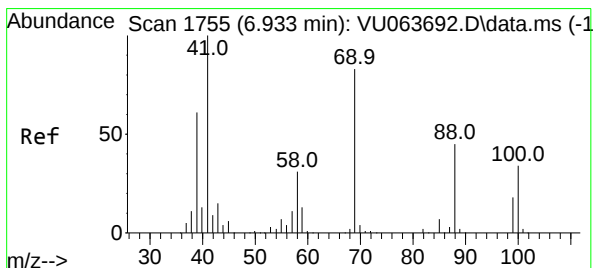
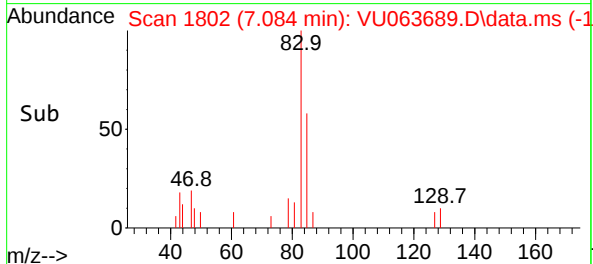
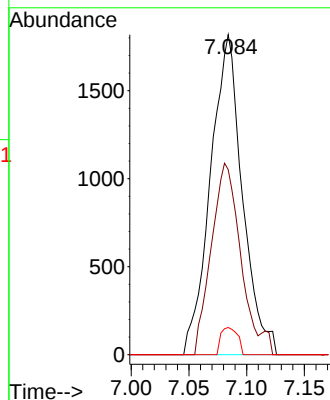
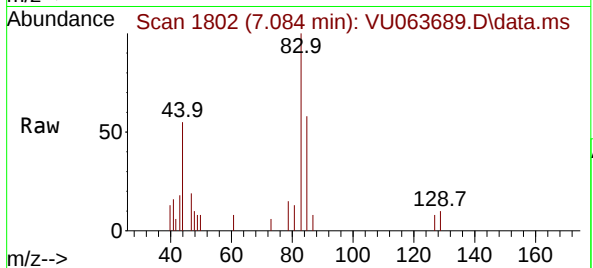
Tgt Ion: 83 Resp: 3493

Ion Ratio Lower Upper

83 100

85 57.9 51.9 77.9

127 8.5 6.9 10.3



#48

Methyl methacrylate

Concen: 1.074 ug/l

RT: 6.955 min Scan# 1762

Delta R.T. 0.022 min

Lab File: VU063689.D

Acq: 10 Nov 2025 10:09

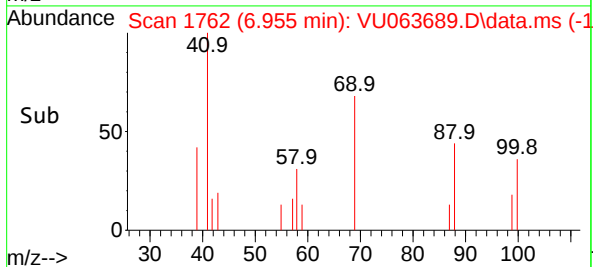
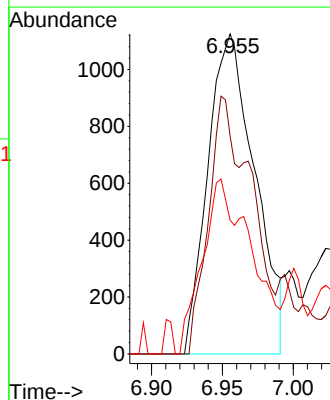
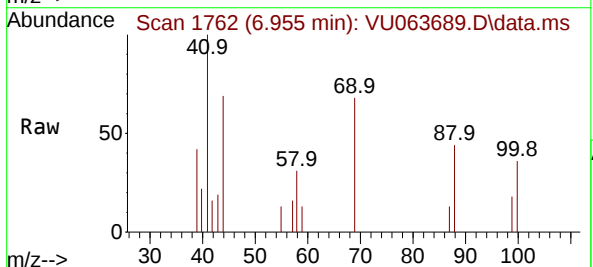
Tgt Ion: 41 Resp: 2594

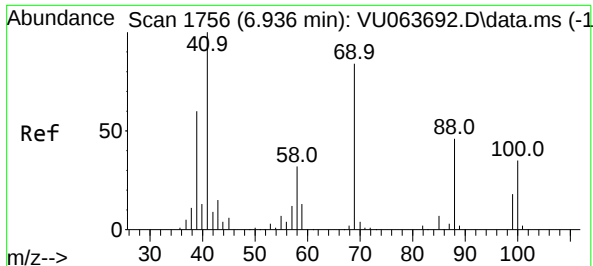
Ion Ratio Lower Upper

41 100

69 47.5 72.9 109.3#

39 34.8 51.0 76.4#





#49

1,4-Dioxane

Concen: 18.168 ug/l

RT: 6.959 min Scan# 11

Delta R.T. 0.022 min

Lab File: VU063689.D

Acq: 10 Nov 2025 10:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

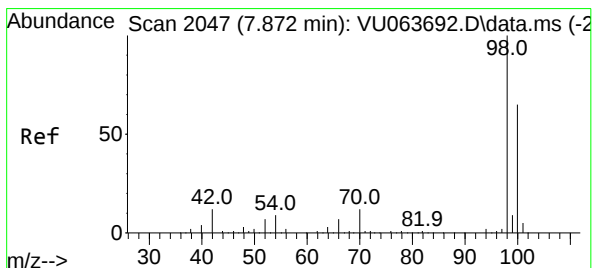
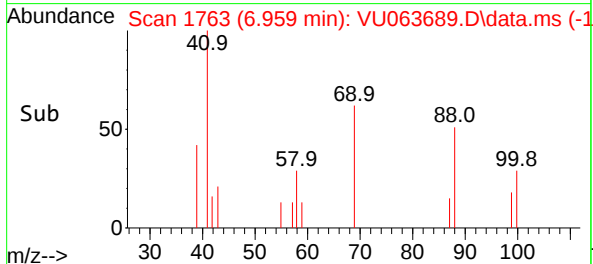
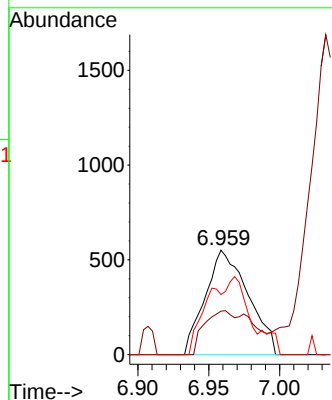
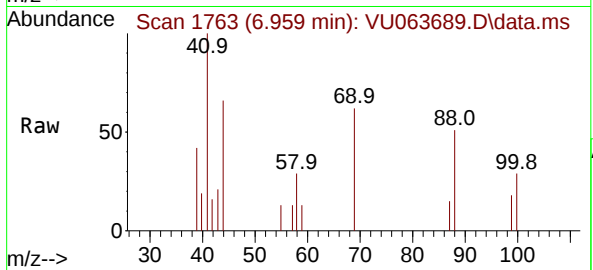
Tgt Ion: 88 Resp: 1163

Ion Ratio Lower Upper

88 100

43 28.8 24.1 36.1

58 40.0 54.2 81.4#



#50

Toluene-d8

Concen: 1.399 ug/l

RT: 7.878 min Scan# 2049

Delta R.T. 0.006 min

Lab File: VU063689.D

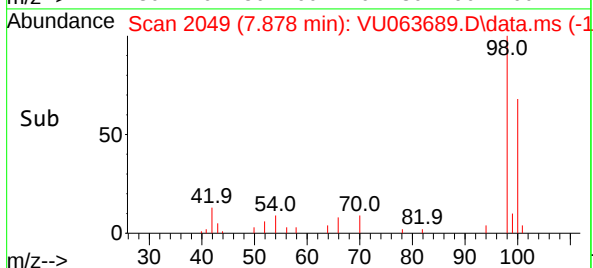
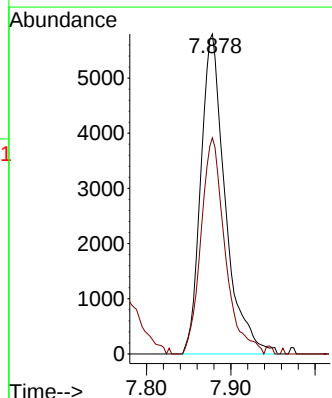
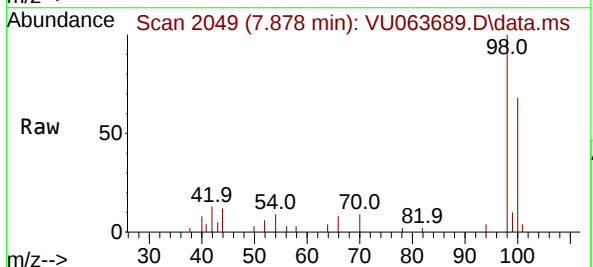
Acq: 10 Nov 2025 10:09

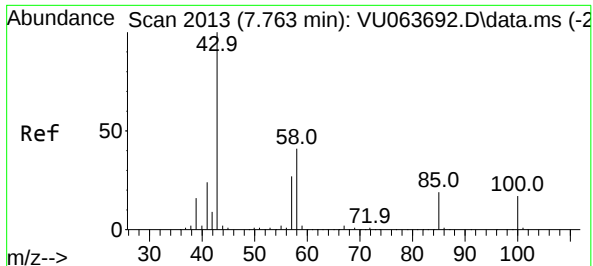
Tgt Ion: 98 Resp: 11710

Ion Ratio Lower Upper

98 100

100 66.3 52.5 78.7

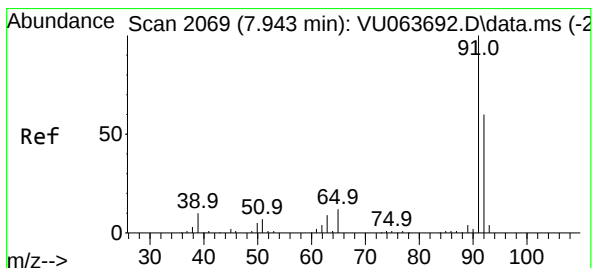
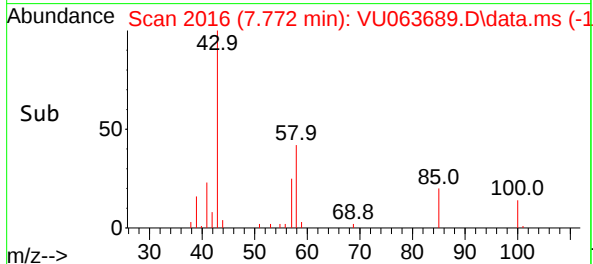
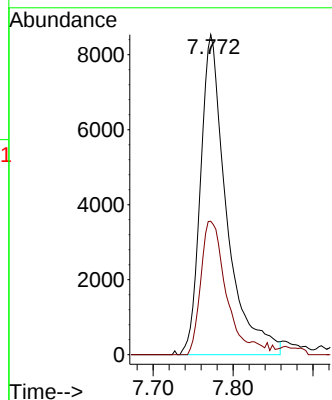
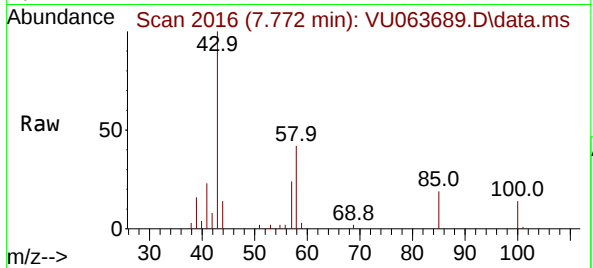




#51
4-Methyl-2-Pentanone
Concen: 5.140 ug/l
RT: 7.772 min Scan# 2016
Delta R.T. 0.009 min
Lab File: VU063689.D
Acq: 10 Nov 2025 10:09

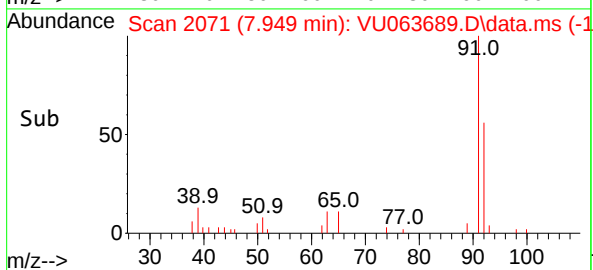
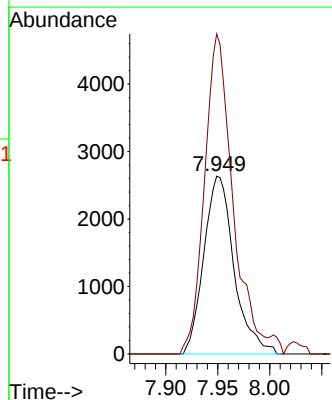
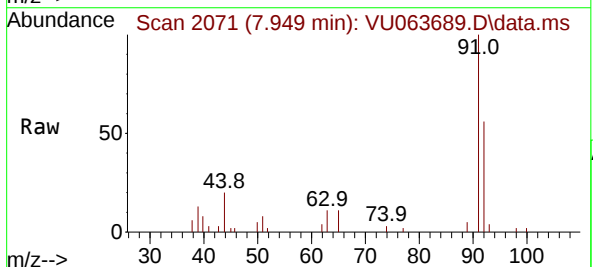
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

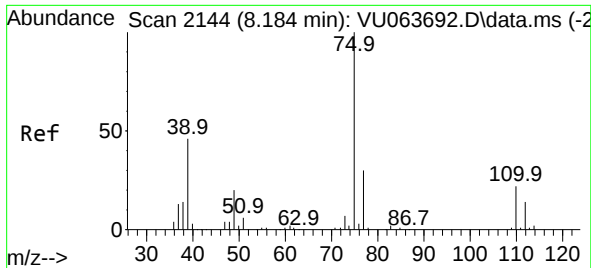
Tgt Ion: 43 Resp: 19362
Ion Ratio Lower Upper
43 100
58 39.3 32.3 48.5



#52
Toluene
Concen: 1.073 ug/l
RT: 7.949 min Scan# 2071
Delta R.T. 0.006 min
Lab File: VU063689.D
Acq: 10 Nov 2025 10:09

Tgt Ion: 92 Resp: 5331
Ion Ratio Lower Upper
92 100
91 167.7 136.6 204.8

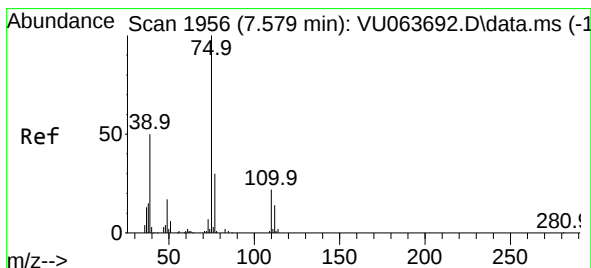
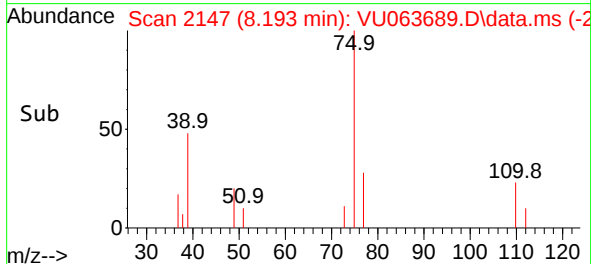
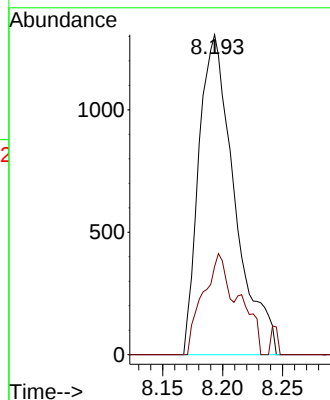
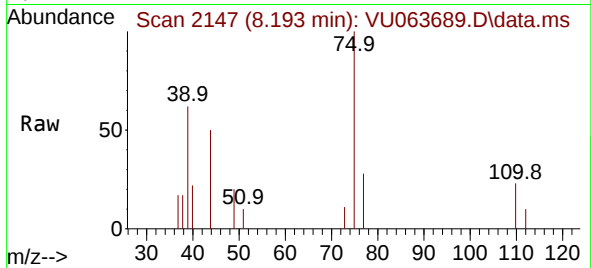




#53
 t-1,3-Dichloropropene
 Concen: 1.013 ug/l
 RT: 8.193 min Scan# 2144
 Delta R.T. 0.009 min
 Lab File: VU063689.D
 Acq: 10 Nov 2025 10:09

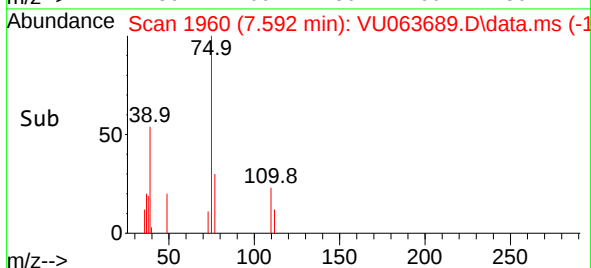
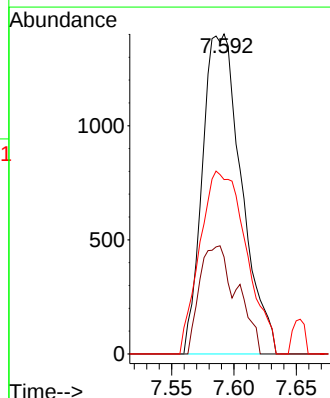
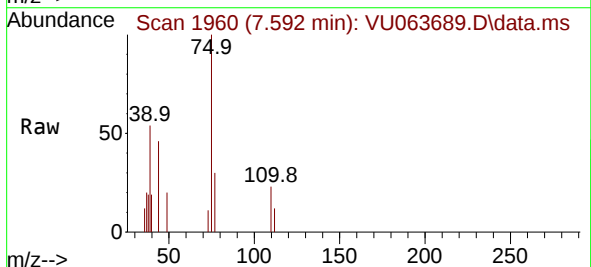
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

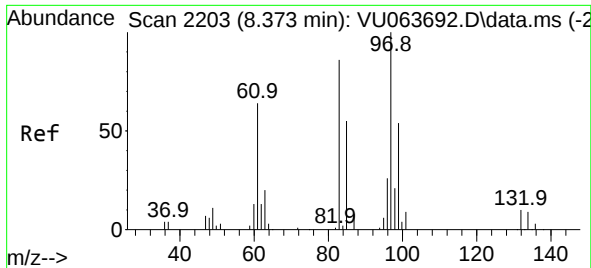
Tgt Ion: 75 Resp: 2703
 Ion Ratio Lower Upper
 75 100
 77 27.5 24.3 36.5



#54
 cis-1,3-Dichloropropene
 Concen: 1.023 ug/l
 RT: 7.592 min Scan# 1960
 Delta R.T. 0.013 min
 Lab File: VU063689.D
 Acq: 10 Nov 2025 10:09

Tgt Ion: 75 Resp: 3059
 Ion Ratio Lower Upper
 75 100
 77 30.3 24.3 36.5
 39 54.5 40.2 60.2

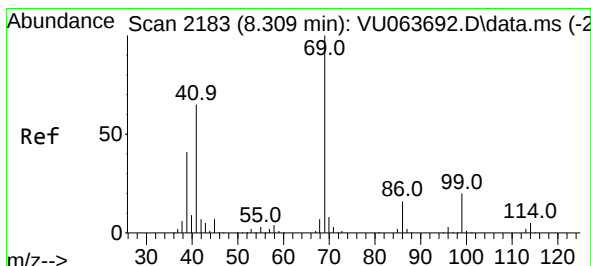
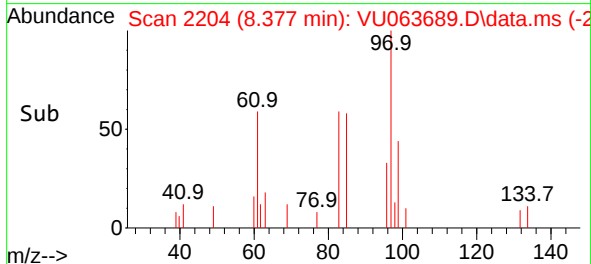
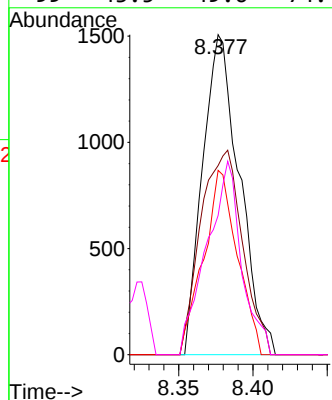
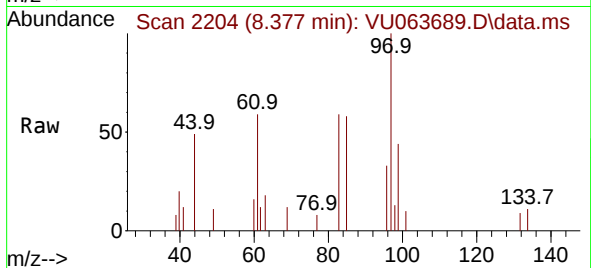




#55
 1,1,2-Trichloroethane
 Concen: 1.139 ug/l
 RT: 8.377 min Scan# 2186
 Delta R.T. 0.003 min
 Lab File: VU063689.D
 Acq: 10 Nov 2025 10:09

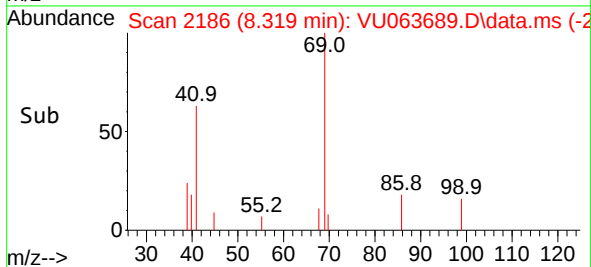
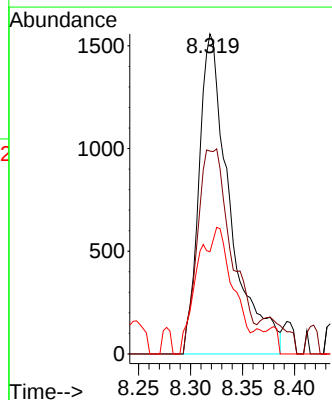
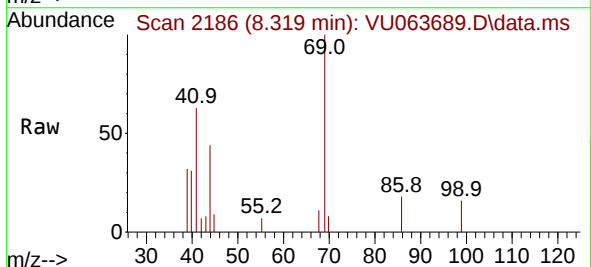
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

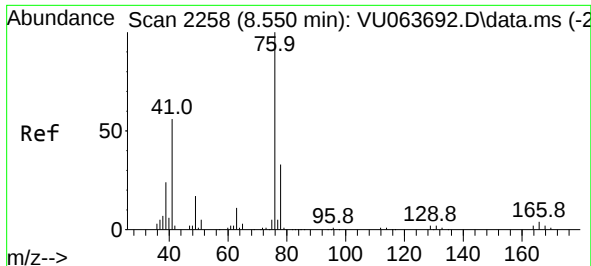
Tgt Ion:	97	Resp:	2596
Ion	Ratio	Lower	Upper
97	100		
83	59.1	69.0	103.4#
85	57.6	44.2	66.4
99	43.5	49.6	74.4#



#56
 Ethyl methacrylate
 Concen: 0.965 ug/l
 RT: 8.319 min Scan# 2186
 Delta R.T. 0.009 min
 Lab File: VU063689.D
 Acq: 10 Nov 2025 10:09

Tgt Ion:	69	Resp:	3244
Ion	Ratio	Lower	Upper
69	100		
41	71.1	51.4	77.2
39	19.1	32.2	48.4#

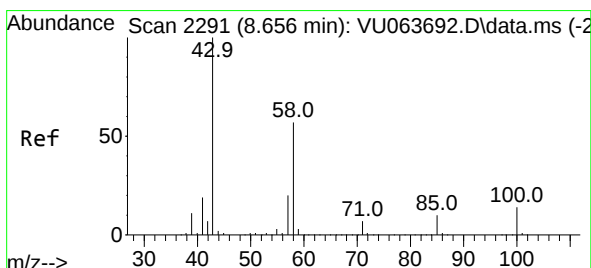
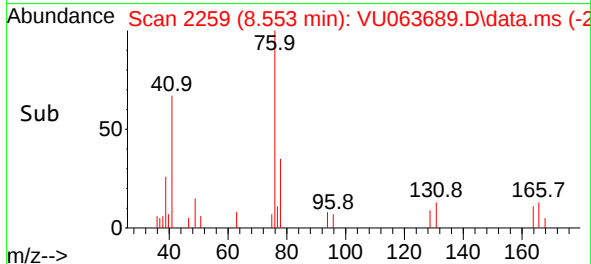
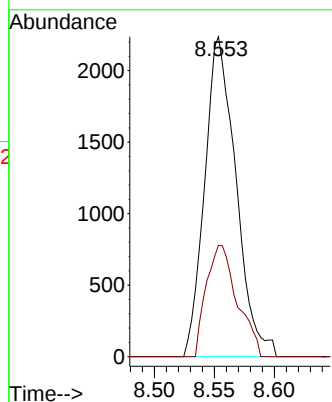
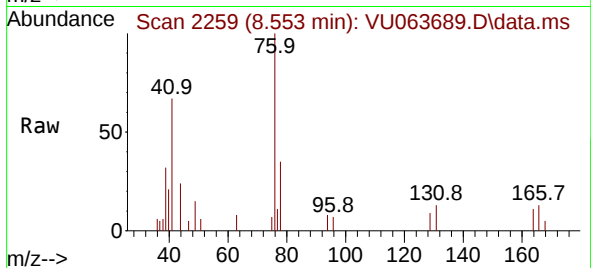




#57
1,3-Dichloropropane
Concen: 1.091 ug/l
RT: 8.553 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063689.D
Acq: 10 Nov 2025 10:09

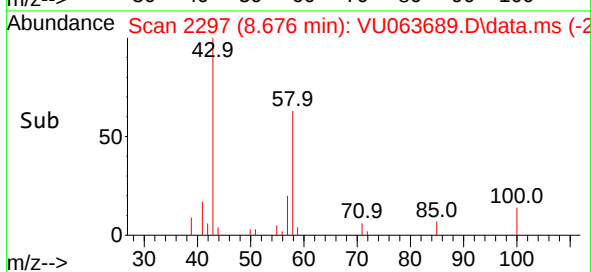
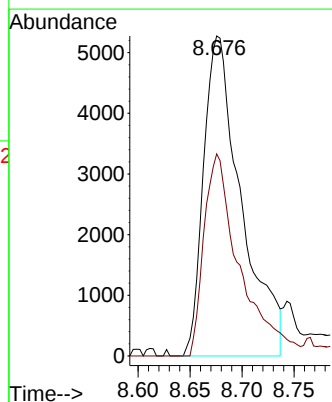
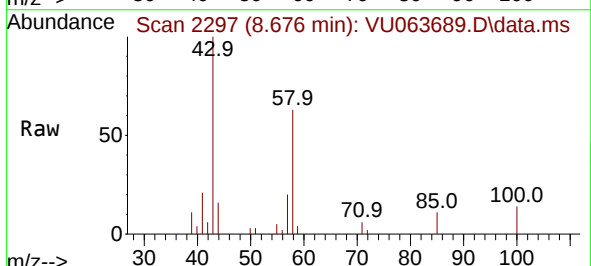
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

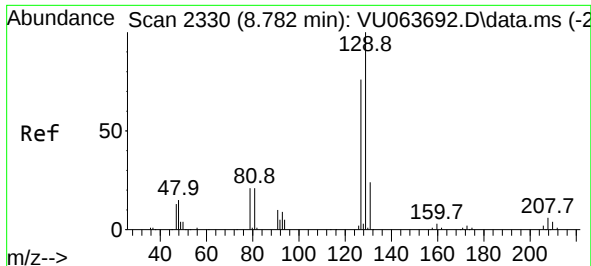
Tgt Ion: 76 Resp: 4058
Ion Ratio Lower Upper
76 100
78 34.4 26.2 39.4



#59
2-Hexanone
Concen: 4.732 ug/l
RT: 8.676 min Scan# 2297
Delta R.T. 0.019 min
Lab File: VU063689.D
Acq: 10 Nov 2025 10:09

Tgt Ion: 43 Resp: 13276
Ion Ratio Lower Upper
43 100
58 59.7 28.4 85.3

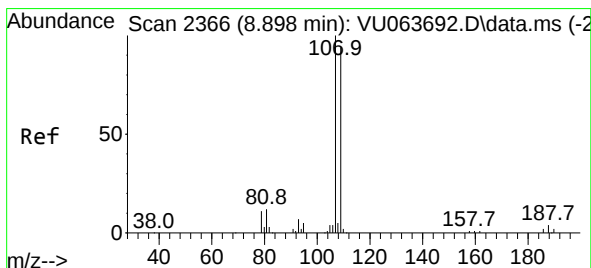
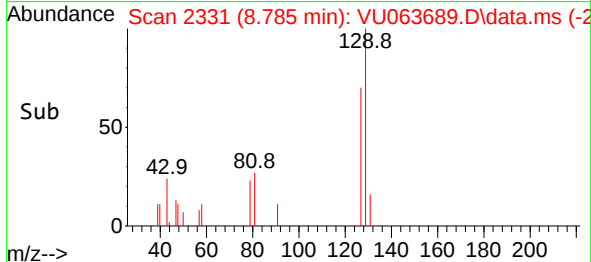
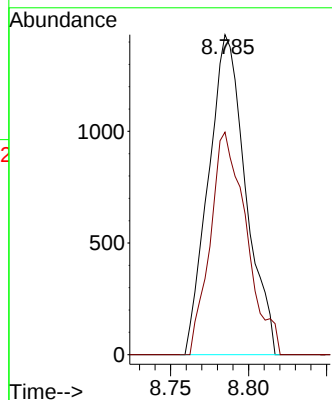
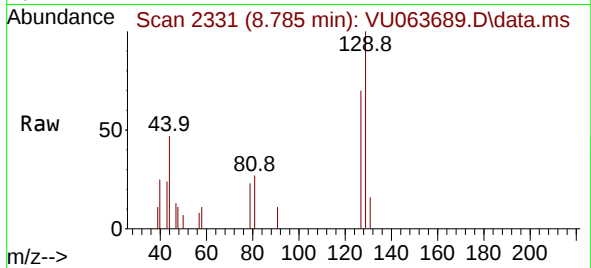




#60
Dibromochloromethane
Concen: 0.996 ug/l
RT: 8.785 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063689.D
Acq: 10 Nov 2025 10:09

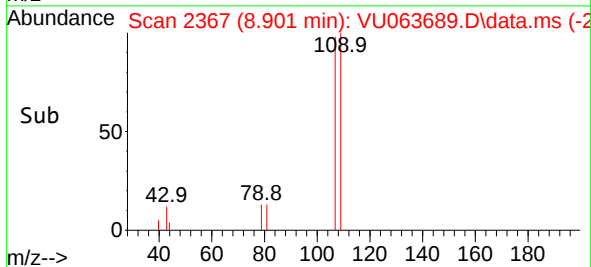
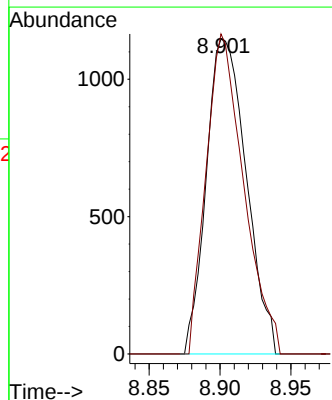
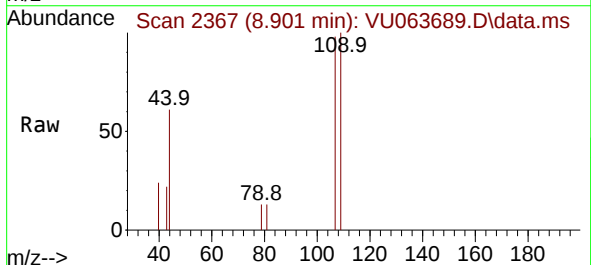
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

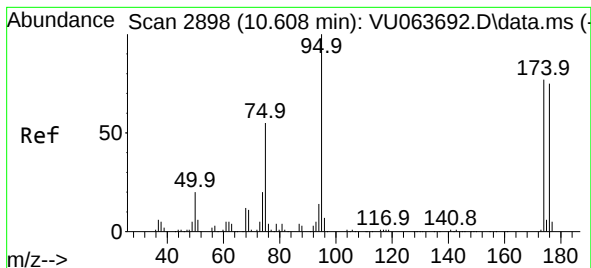
Tgt Ion:129 Resp: 2377
Ion Ratio Lower Upper
129 100
127 67.6 38.2 114.6



#61
1,2-Dibromoethane
Concen: 1.023 ug/l
RT: 8.901 min Scan# 2367
Delta R.T. 0.003 min
Lab File: VU063689.D
Acq: 10 Nov 2025 10:09

Tgt Ion:107 Resp: 2246
Ion Ratio Lower Upper
107 100
109 95.8 73.8 110.8

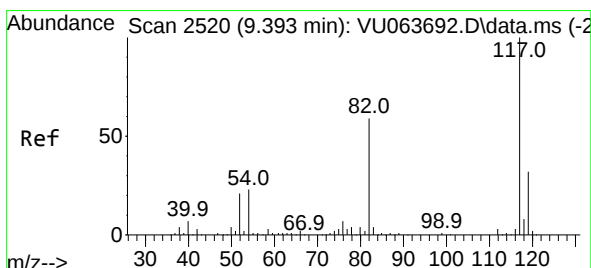
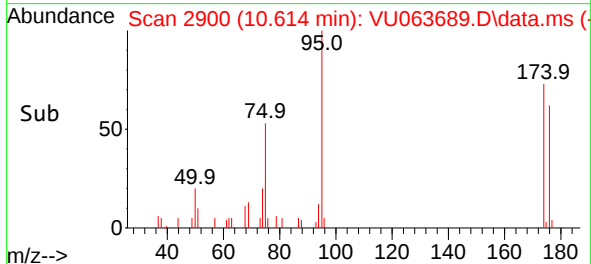
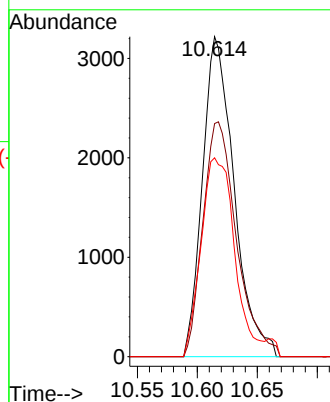
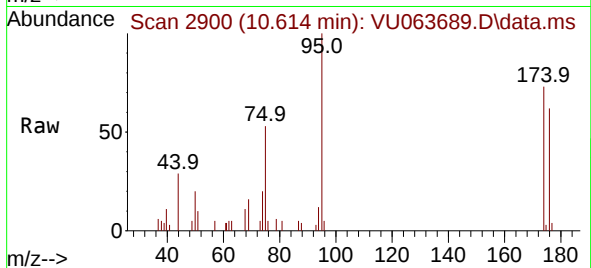




#62
4-Bromofluorobenzene
Concen: 1.701 ug/l
RT: 10.614 min Scan# 2900
Delta R.T. 0.006 min
Lab File: VU063689.D
Acq: 10 Nov 2025 10:09

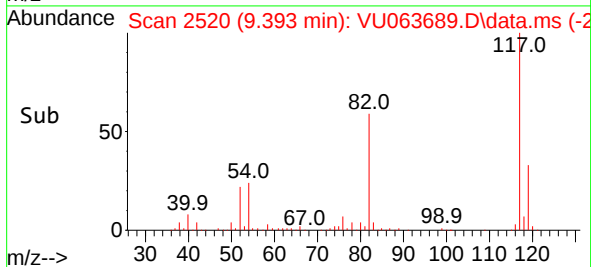
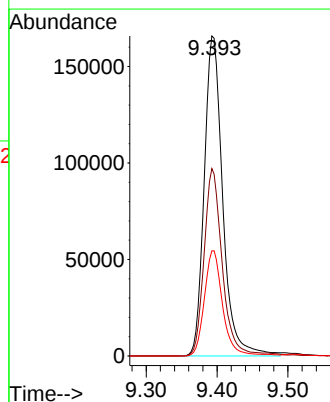
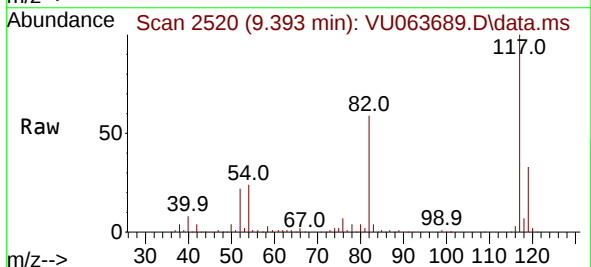
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

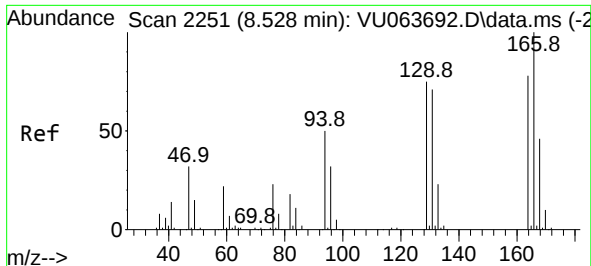
Tgt Ion: 95 Resp: 5892
Ion Ratio Lower Upper
95 100
174 78.1 0.0 154.6
176 66.1 0.0 148.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.393 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VU063689.D
Acq: 10 Nov 2025 10:09

Tgt Ion: 117 Resp: 301736
Ion Ratio Lower Upper
117 100
82 58.6 46.9 70.3
119 32.9 25.8 38.8

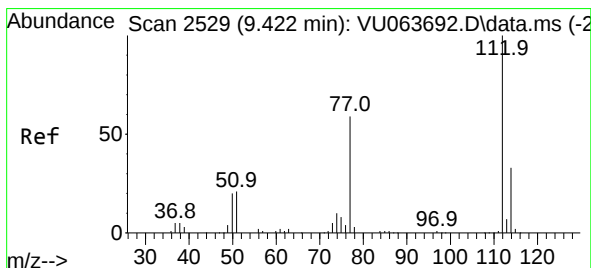
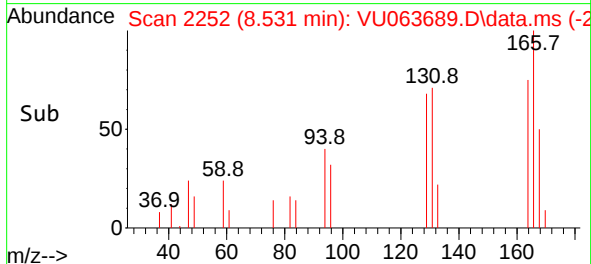
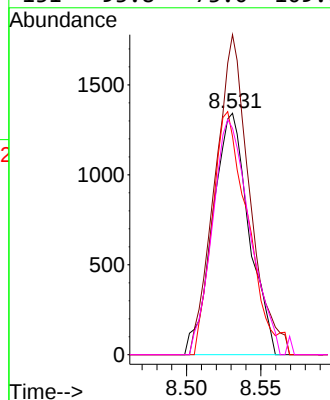
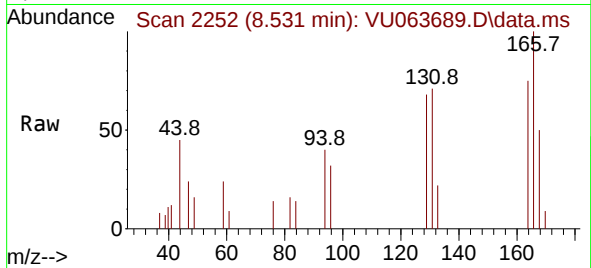




#64
Tetrachloroethene
Concen: 1.168 ug/l
RT: 8.531 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063689.D
Acq: 10 Nov 2025 10:09

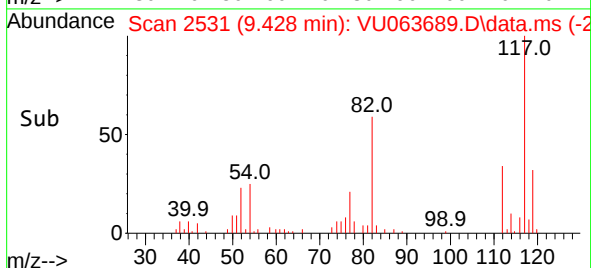
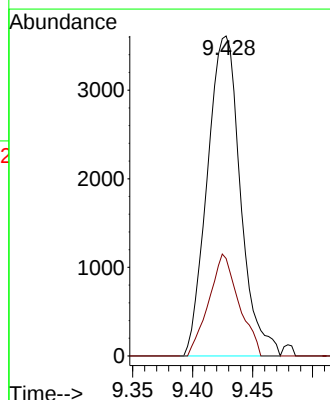
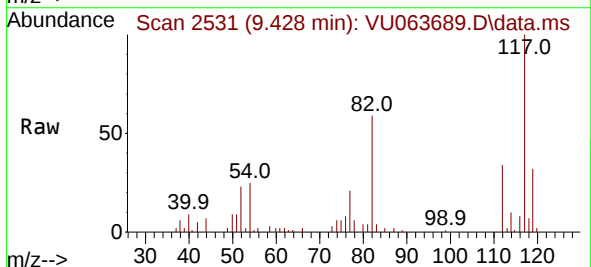
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

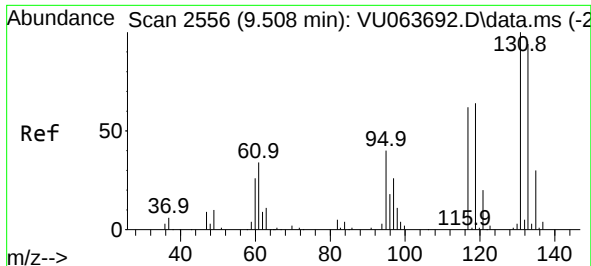
Tgt Ion:164 Resp: 2274
Ion Ratio Lower Upper
164 100
166 132.6 102.5 153.7
129 90.4 77.1 115.7
131 93.8 73.0 109.6



#65
Chlorobenzene
Concen: 1.176 ug/l
RT: 9.428 min Scan# 2531
Delta R.T. 0.006 min
Lab File: VU063689.D
Acq: 10 Nov 2025 10:09

Tgt Ion:112 Resp: 6933
Ion Ratio Lower Upper
112 100
114 30.5 26.2 39.2

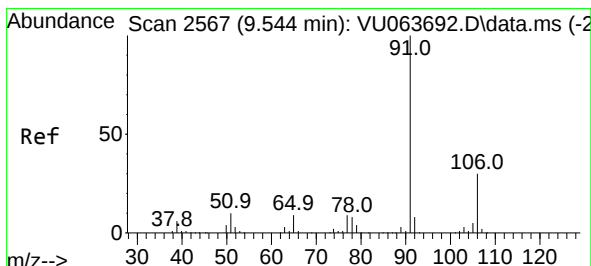
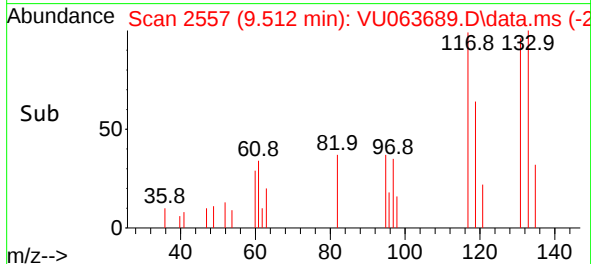
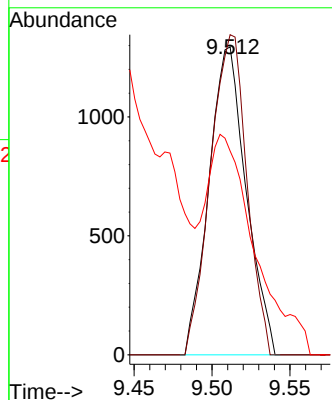
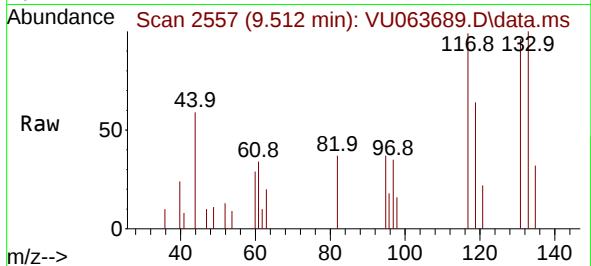




#66
 1,1,1,2-Tetrachloroethane
 Concen: 1.075 ug/l
 RT: 9.512 min Scan# 2557
 Delta R.T. 0.003 min
 Lab File: VU063689.D
 Acq: 10 Nov 2025 10:09

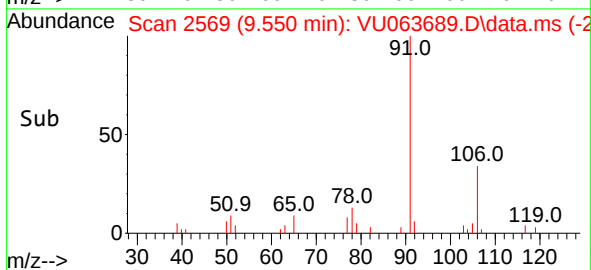
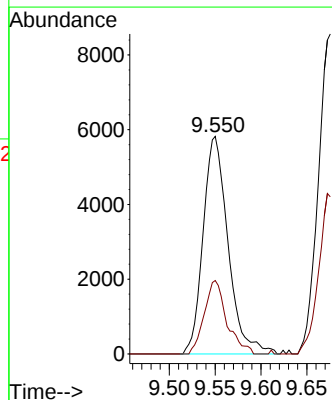
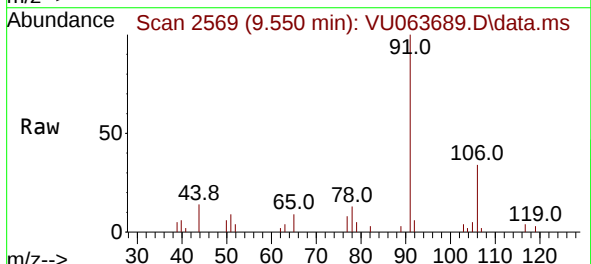
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

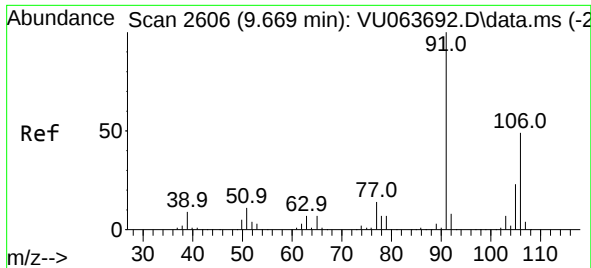
Tgt Ion:131 Resp: 2156
 Ion Ratio Lower Upper
 131 100
 133 101.4 47.5 142.5
 119 0.0 33.3 99.8#



#67
 Ethyl Benzene
 Concen: 1.123 ug/l
 RT: 9.550 min Scan# 2569
 Delta R.T. 0.006 min
 Lab File: VU063689.D
 Acq: 10 Nov 2025 10:09

Tgt Ion: 91 Resp: 11028
 Ion Ratio Lower Upper
 91 100
 106 33.8 23.8 35.8

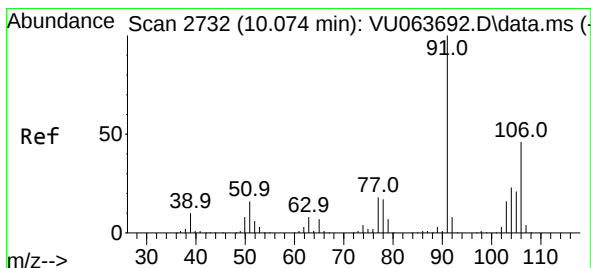
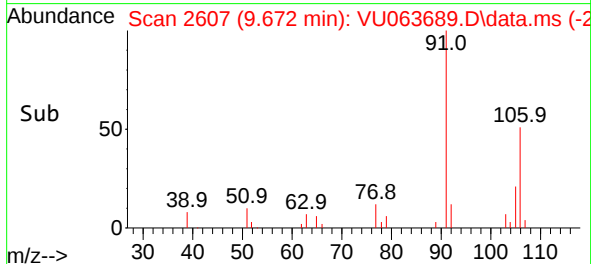
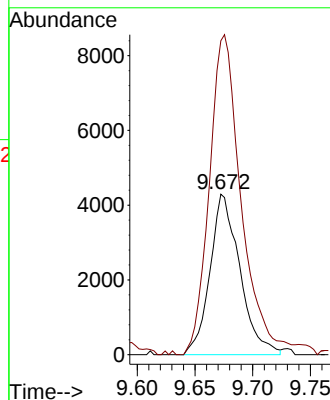
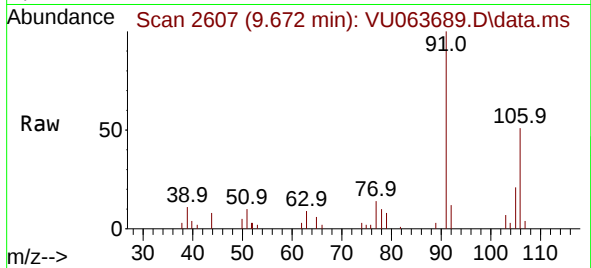




#68
m/p-Xylenes
Concen: 2.133 ug/l
RT: 9.672 min Scan# 2607
Delta R.T. 0.003 min
Lab File: VU063689.D
Acq: 10 Nov 2025 10:09

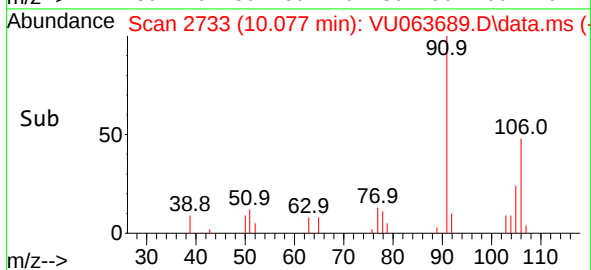
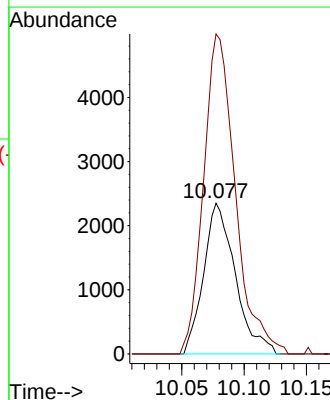
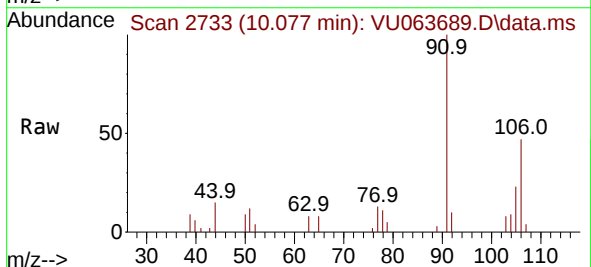
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

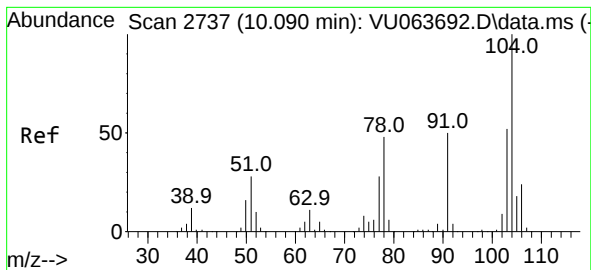
Tgt Ion:106 Resp: 7733
Ion Ratio Lower Upper
106 100
91 213.0 165.7 248.5



#69
o-Xylene
Concen: 1.112 ug/l
RT: 10.077 min Scan# 2733
Delta R.T. 0.003 min
Lab File: VU063689.D
Acq: 10 Nov 2025 10:09

Tgt Ion:106 Resp: 4161
Ion Ratio Lower Upper
106 100
91 212.5 108.7 325.9





#70

Styrene

Concen: 0.969 ug/l

RT: 10.097 min Scan# 2739

Delta R.T. 0.006 min

Lab File: VU063689.D

Acq: 10 Nov 2025 10:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

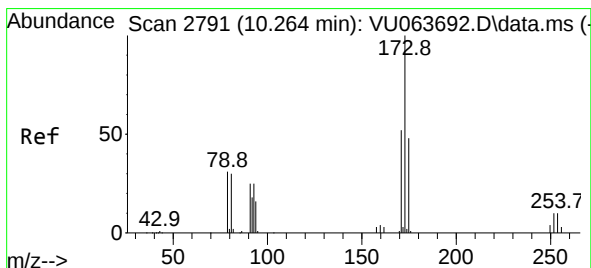
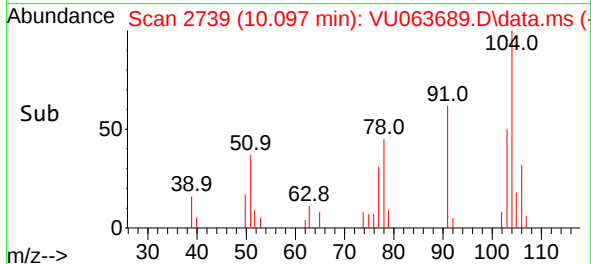
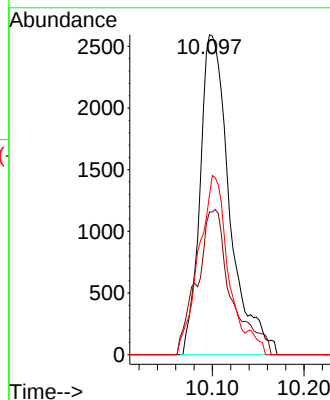
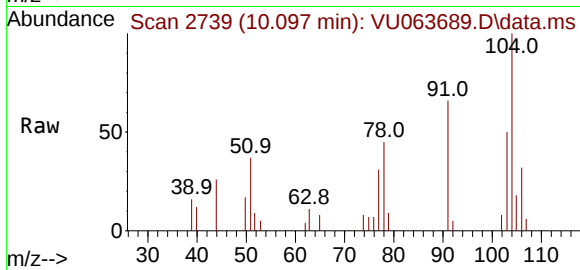
Tgt Ion:104 Resp: 5823

Ion Ratio Lower Upper

104 100

78 52.2 42.7 64.1

103 56.8 44.0 66.0



#71

Bromoform

Concen: 0.985 ug/l

RT: 10.270 min Scan# 2793

Delta R.T. 0.006 min

Lab File: VU063689.D

Acq: 10 Nov 2025 10:09

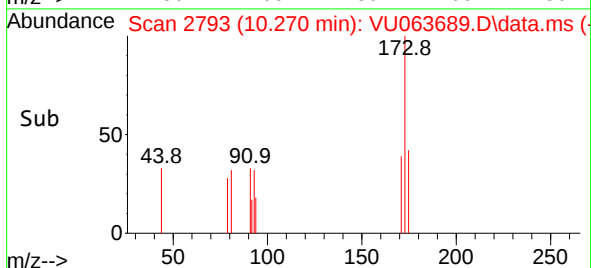
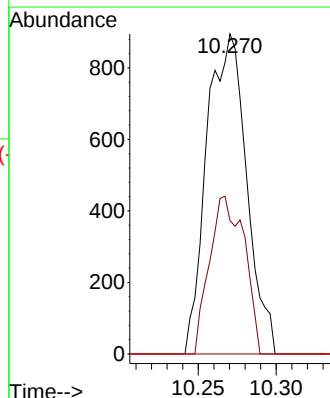
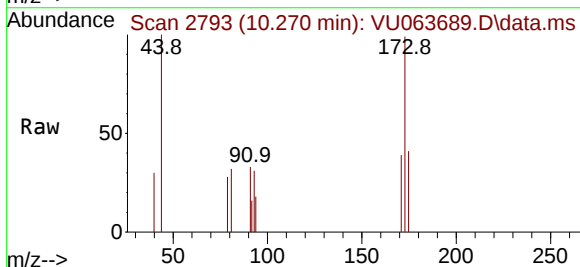
Tgt Ion:173 Resp: 1591

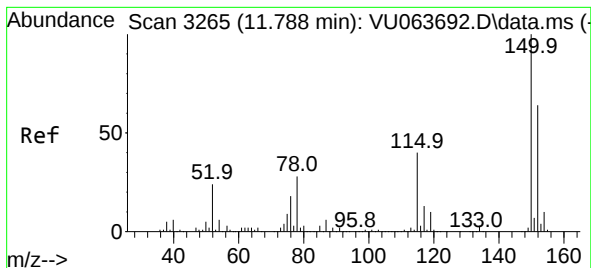
Ion Ratio Lower Upper

173 100

175 43.1 24.1 72.2

254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.791 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU063689.D

Acq: 10 Nov 2025 10:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

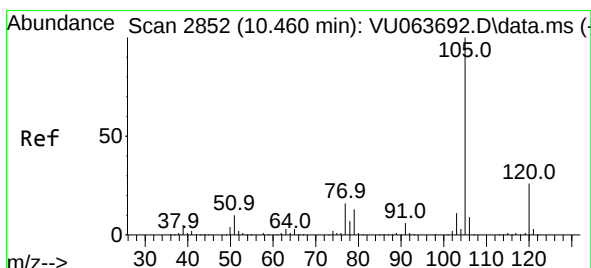
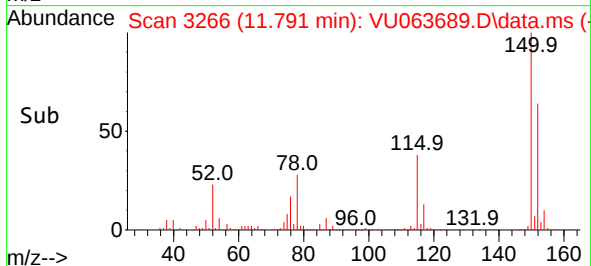
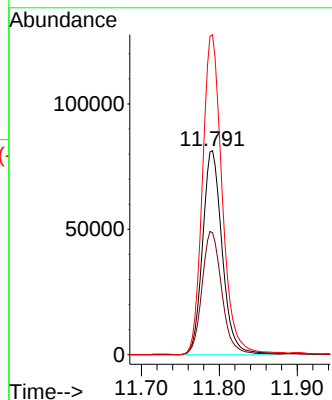
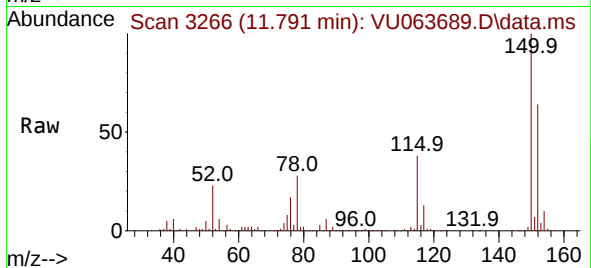
Tgt Ion:152 Resp: 142651

Ion Ratio Lower Upper

152 100

115 60.8 41.0 123.0

150 157.7 0.0 342.2



#73

Isopropylbenzene

Concen: 1.160 ug/l

RT: 10.463 min Scan# 2853

Delta R.T. 0.003 min

Lab File: VU063689.D

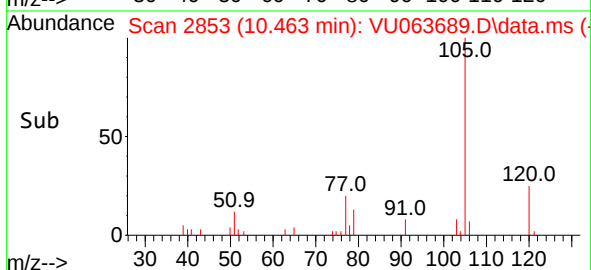
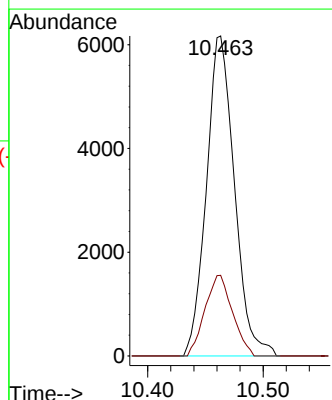
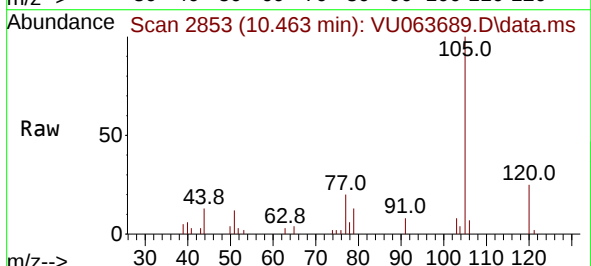
Acq: 10 Nov 2025 10:09

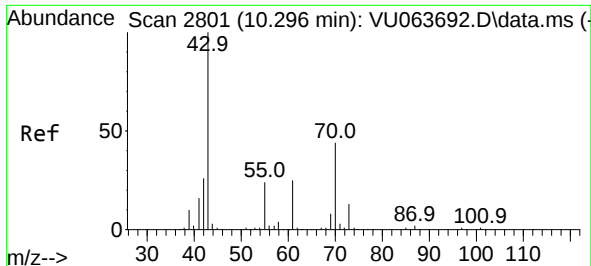
Tgt Ion:105 Resp: 10397

Ion Ratio Lower Upper

105 100

120 24.7 13.0 38.9

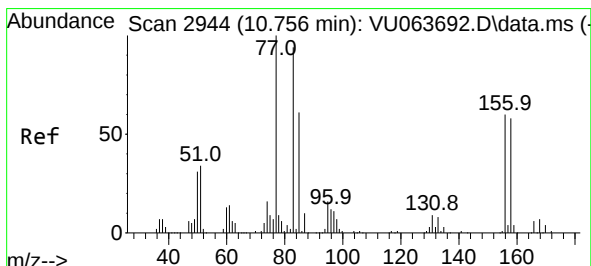
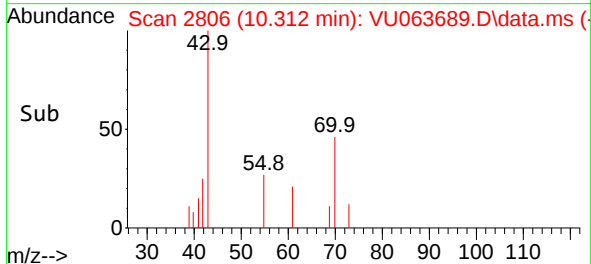
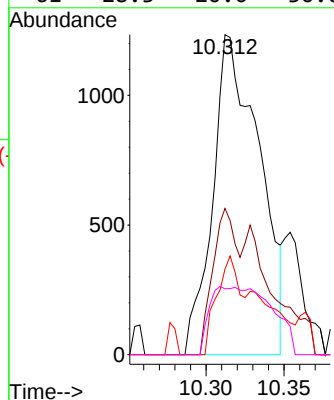
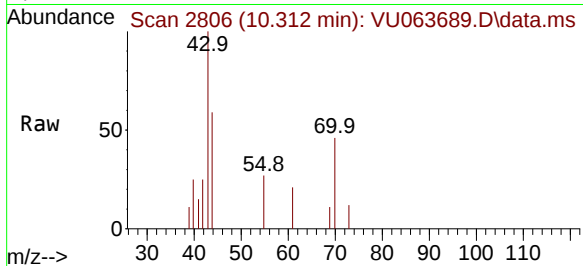




#74
N-amy1 acetate
Concen: 0.819 ug/l
RT: 10.312 min Scan# 2806
Delta R.T. 0.016 min
Lab File: VU063689.D
Acq: 10 Nov 2025 10:09

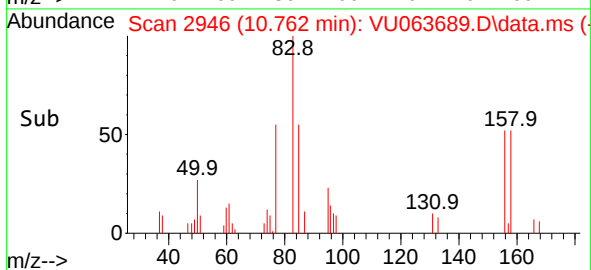
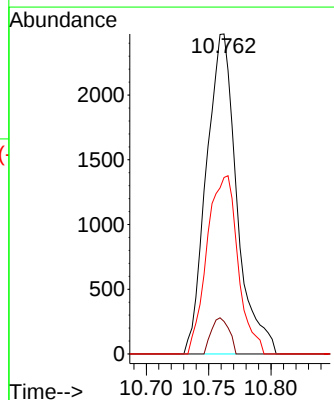
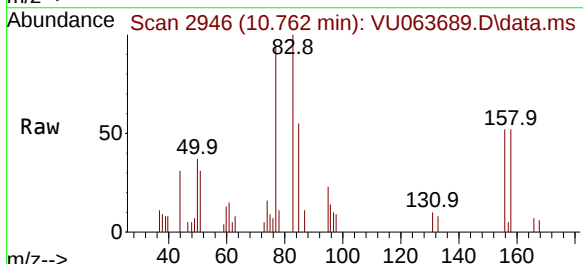
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

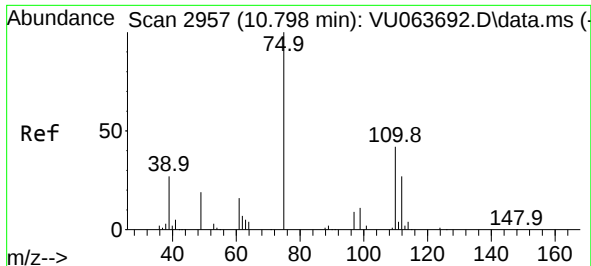
Tgt Ion: 43	Resp: 2558
Ion Ratio	Lower Upper
43 100	
70 24.1	36.5 54.7#
55 15.9	20.6 30.8#
61 28.3	20.0 30.0



#75
1,1,2,2-Tetrachloroethane
Concen: 1.219 ug/l
RT: 10.762 min Scan# 2946
Delta R.T. 0.006 min
Lab File: VU063689.D
Acq: 10 Nov 2025 10:09

Tgt Ion: 83	Resp: 4195
Ion Ratio	Lower Upper
83 100	
131 6.6	4.8 14.4
85 56.6	31.9 95.7

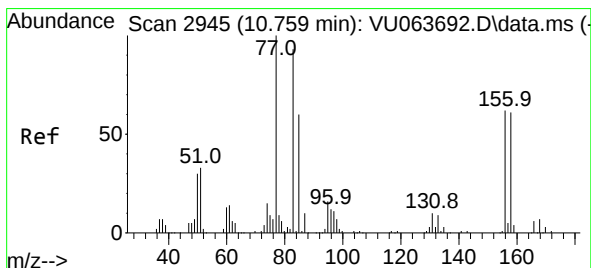
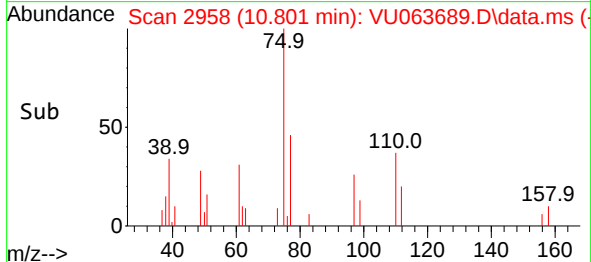
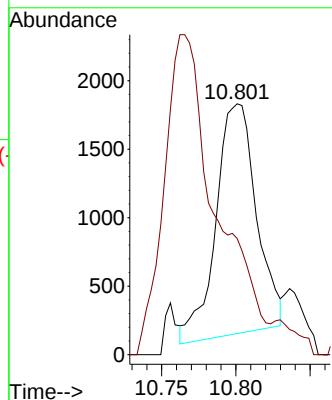
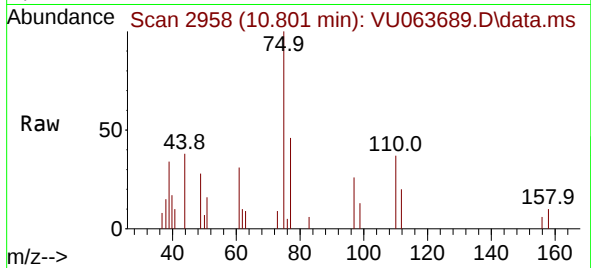




#76
1,2,3-Trichloropropane
Concen: 0.907 ug/l
RT: 10.801 min Scan# 2958
Delta R.T. 0.003 min
Lab File: VU063689.D
Acq: 10 Nov 2025 10:09

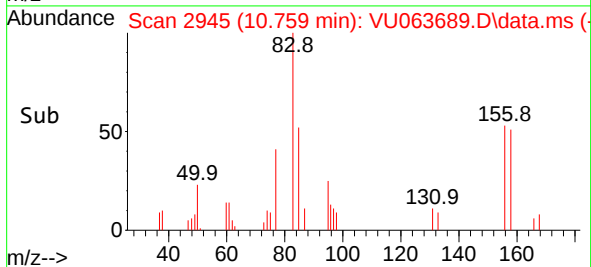
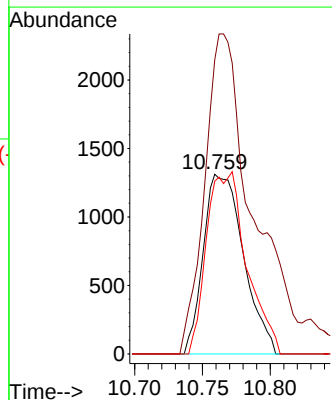
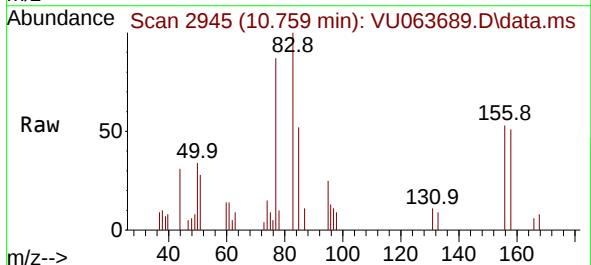
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

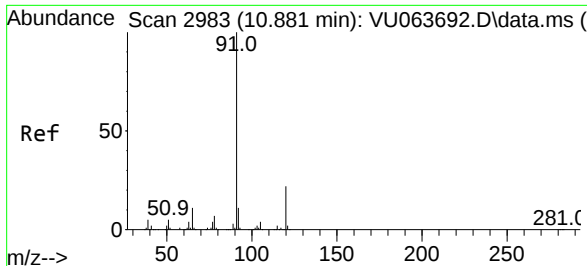
Tgt Ion: 75 Resp: 3192
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#77
Bromobenzene
Concen: 1.198 ug/l
RT: 10.759 min Scan# 2945
Delta R.T. -0.000 min
Lab File: VU063689.D
Acq: 10 Nov 2025 10:09

Tgt Ion: 156 Resp: 2702
Ion Ratio Lower Upper
156 100
77 212.5 81.4 244.2
158 101.2 48.8 146.3

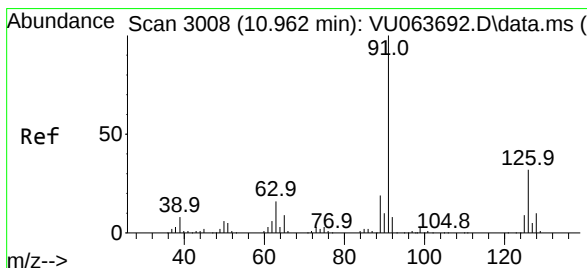
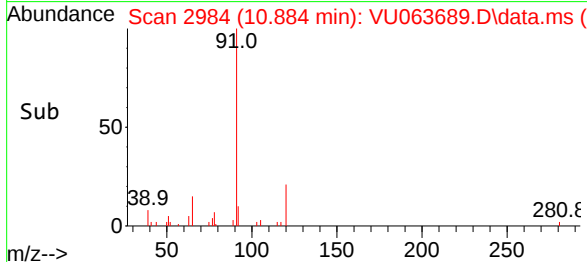
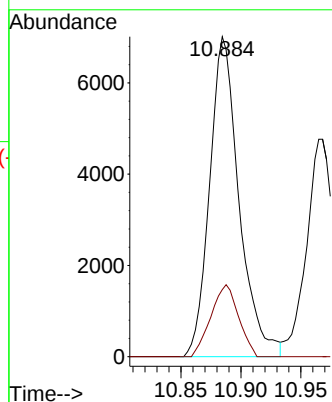
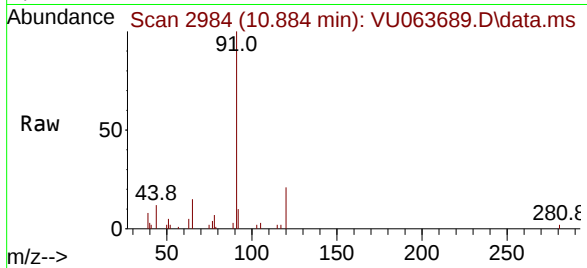




#78
n-propylbenzene
Concen: 1.163 ug/l
RT: 10.884 min Scan# 2983
Delta R.T. 0.003 min
Lab File: VU063689.D
Acq: 10 Nov 2025 10:09

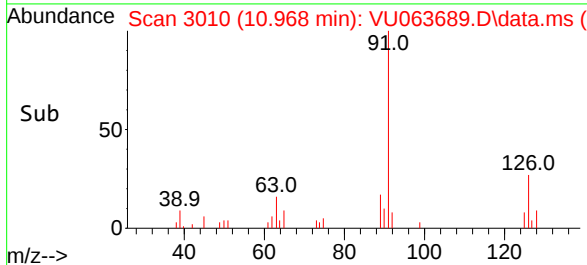
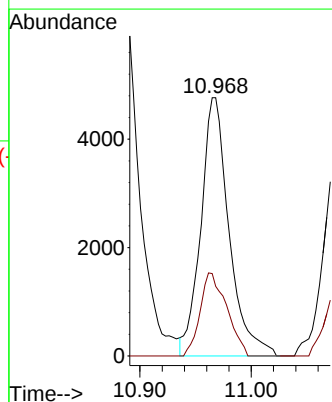
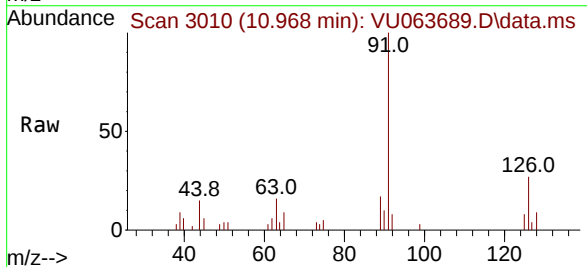
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

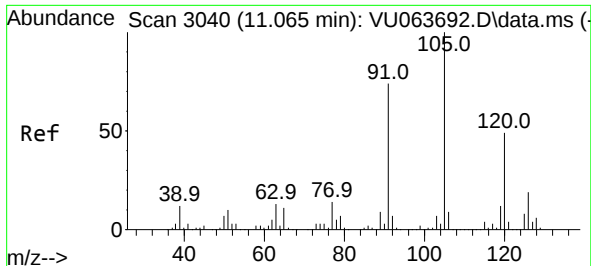
Tgt Ion: 91 Resp: 11958
Ion Ratio Lower Upper
91 100
120 21.1 11.2 33.6



#79
2-Chlorotoluene
Concen: 1.264 ug/l
RT: 10.968 min Scan# 3010
Delta R.T. 0.006 min
Lab File: VU063689.D
Acq: 10 Nov 2025 10:09

Tgt Ion: 91 Resp: 8398
Ion Ratio Lower Upper
91 100
126 30.3 16.4 49.1

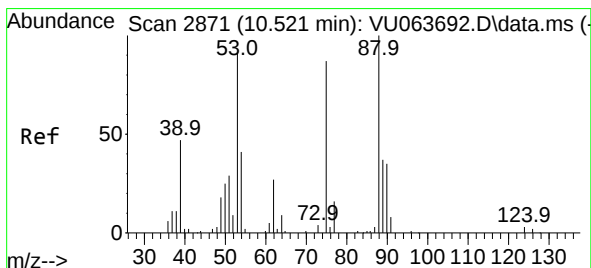
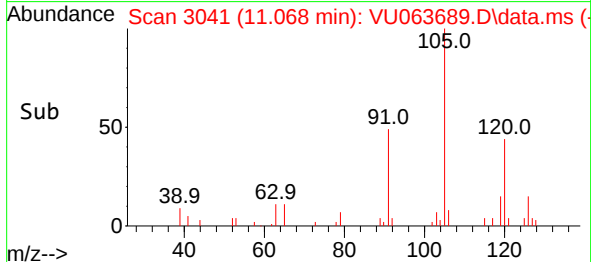
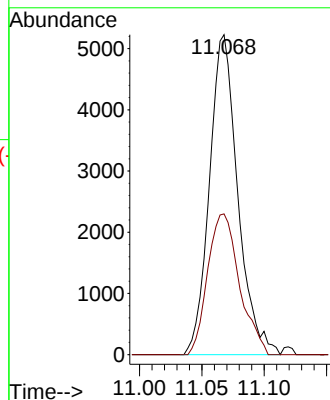
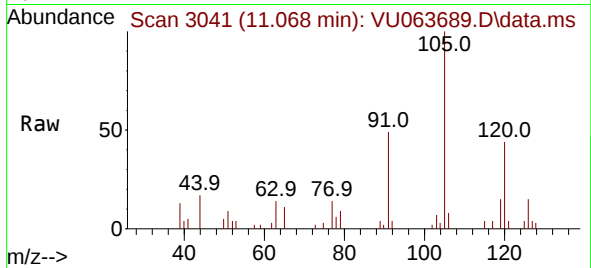




#80
1,3,5-Trimethylbenzene
Concen: 1.101 ug/l
RT: 11.068 min Scan# 3040
Delta R.T. 0.003 min
Lab File: VU063689.D
Acq: 10 Nov 2025 10:09

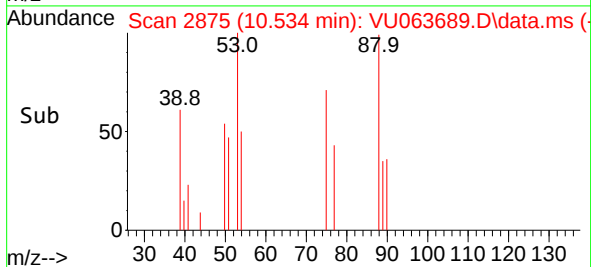
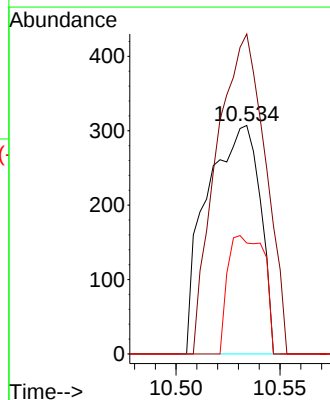
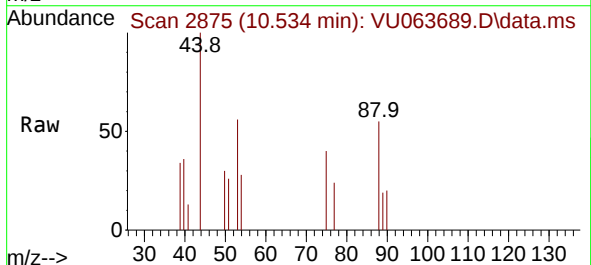
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

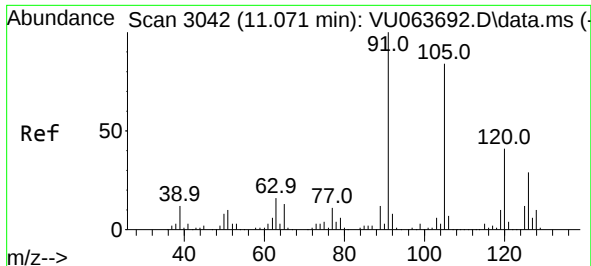
Tgt Ion:105 Resp: 8277
Ion Ratio Lower Upper
105 100
120 49.3 24.1 72.2



#81
trans-1,4-Dichloro-2-butene
Concen: 0.809 ug/l
RT: 10.534 min Scan# 2875
Delta R.T. 0.013 min
Lab File: VU063689.D
Acq: 10 Nov 2025 10:09

Tgt Ion: 75 Resp: 546
Ion Ratio Lower Upper
75 100
53 128.2 86.5 129.7
89 35.3 35.2 52.8

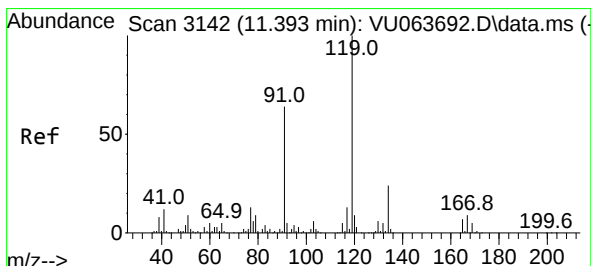
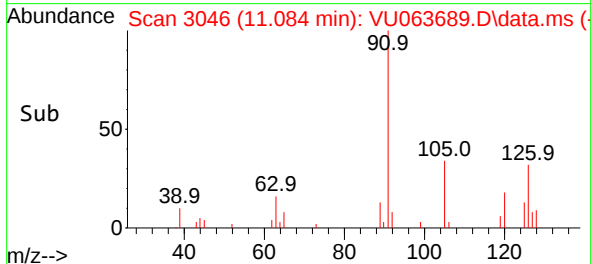
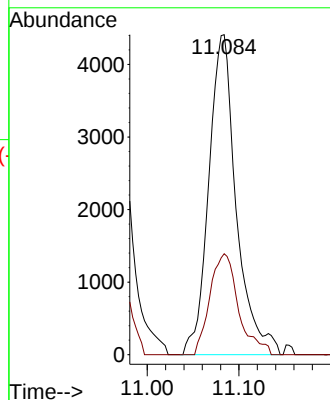
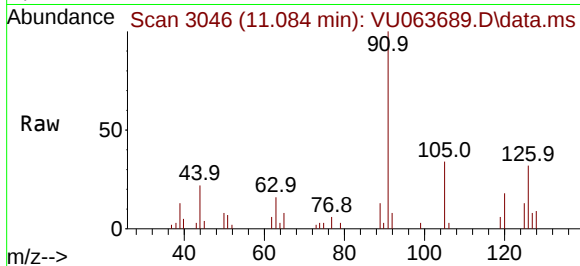




#82
4-Chlorotoluene
Concen: 1.220 ug/l
RT: 11.084 min Scan# 3046
Delta R.T. 0.013 min
Lab File: VU063689.D
Acq: 10 Nov 2025 10:09

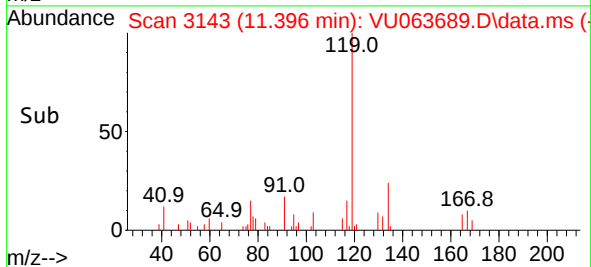
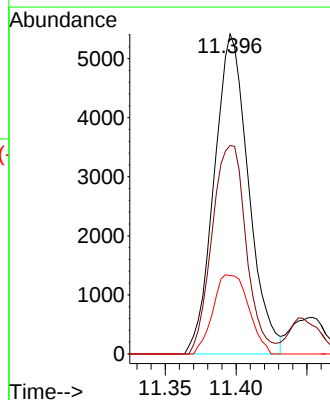
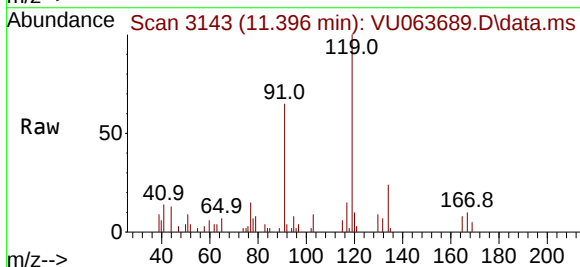
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

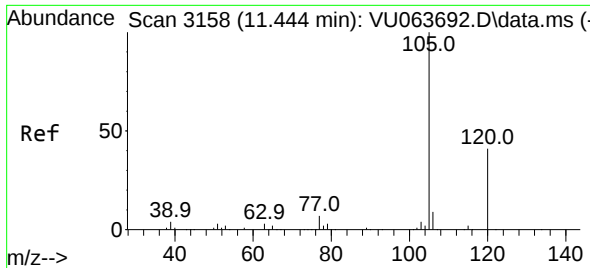
Tgt Ion: 91 Resp: 9215
Ion Ratio Lower Upper
91 100
126 32.8 14.2 42.8



#83
tert-Butylbenzene
Concen: 1.167 ug/l
RT: 11.396 min Scan# 3143
Delta R.T. 0.003 min
Lab File: VU063689.D
Acq: 10 Nov 2025 10:09

Tgt Ion: 119 Resp: 9131
Ion Ratio Lower Upper
119 100
91 64.7 30.8 92.3
134 25.6 11.9 35.5

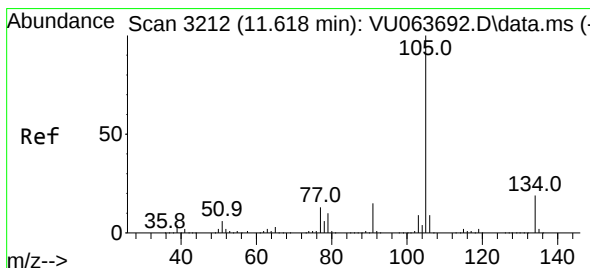
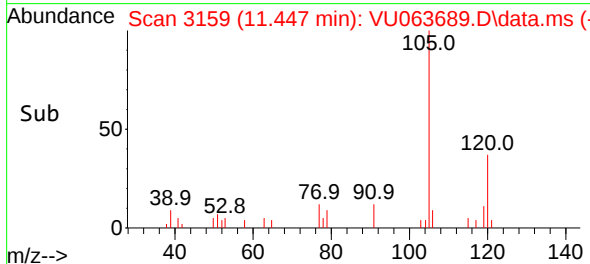
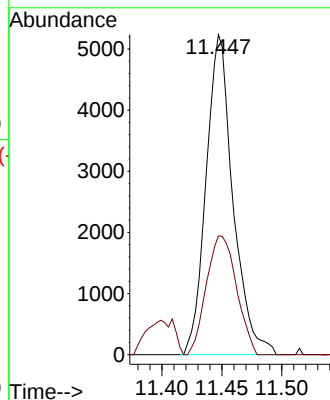
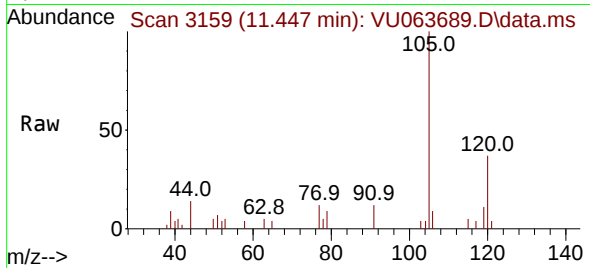




#84
1,2,4-Trimethylbenzene
Concen: 1.108 ug/l
RT: 11.447 min Scan# 3158
Delta R.T. 0.003 min
Lab File: VU063689.D
Acq: 10 Nov 2025 10:09

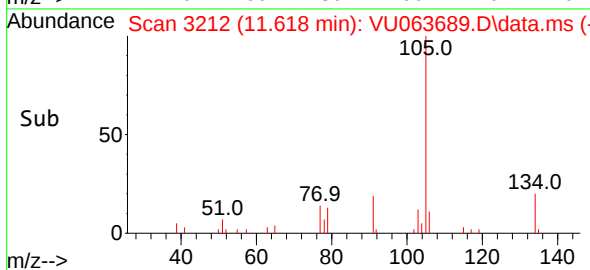
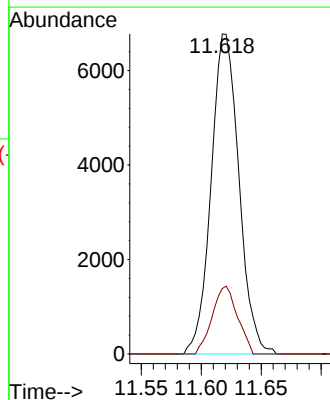
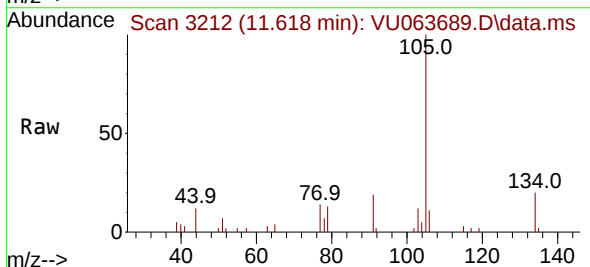
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

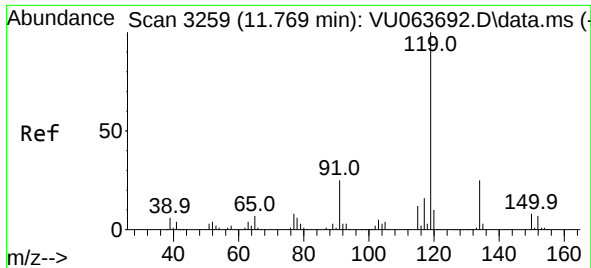
Tgt Ion:105 Resp: 8172
Ion Ratio Lower Upper
105 100
120 41.5 22.4 67.3



#85
sec-Butylbenzene
Concen: 1.105 ug/l
RT: 11.618 min Scan# 3212
Delta R.T. -0.000 min
Lab File: VU063689.D
Acq: 10 Nov 2025 10:09

Tgt Ion:105 Resp: 10931
Ion Ratio Lower Upper
105 100
134 19.1 9.8 29.4

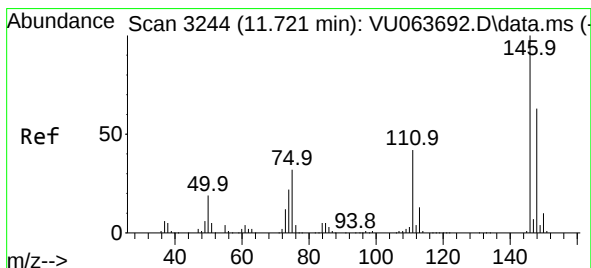
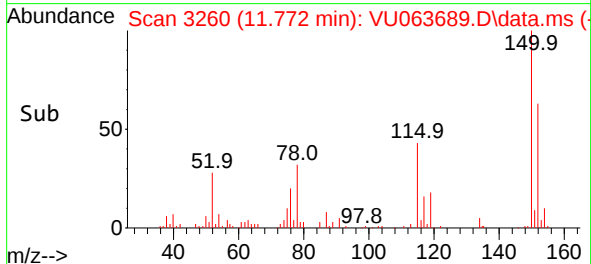
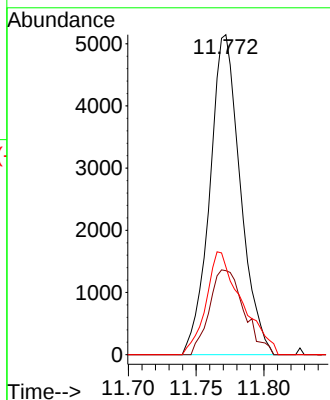
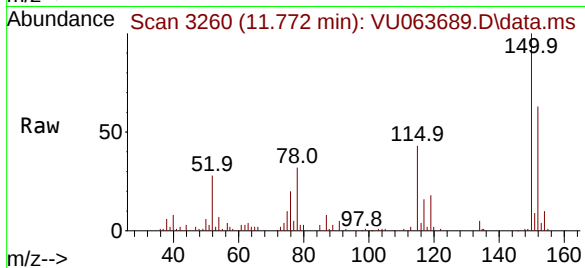




#86
 p-Isopropyltoluene
 Concen: 1.017 ug/l
 RT: 11.772 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU063689.D
 Acq: 10 Nov 2025 10:09

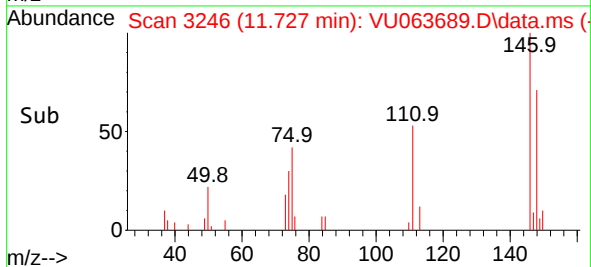
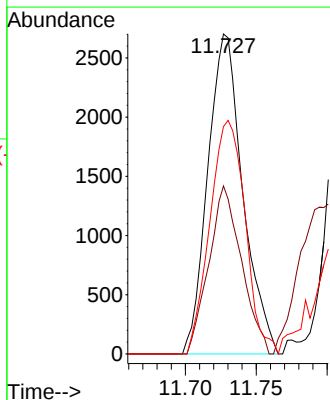
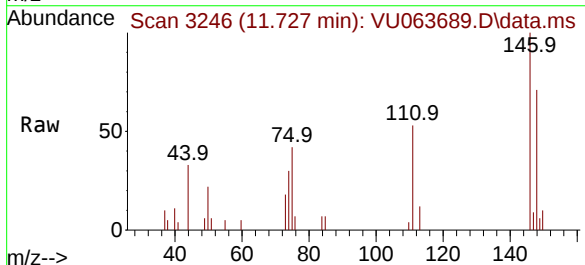
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC001

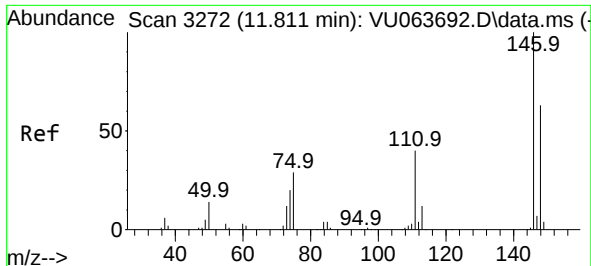
Tgt Ion:119 Resp: 8076
 Ion Ratio Lower Upper
 119 100
 134 30.0 12.6 37.6
 91 37.7 12.6 37.8



#87
 1,3-Dichlorobenzene
 Concen: 1.097 ug/l
 RT: 11.727 min Scan# 3246
 Delta R.T. 0.006 min
 Lab File: VU063689.D
 Acq: 10 Nov 2025 10:09

Tgt Ion:146 Resp: 4647
 Ion Ratio Lower Upper
 146 100
 111 49.0 20.6 61.8
 148 73.6 31.8 95.4

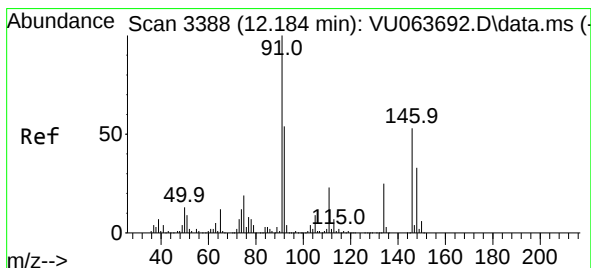
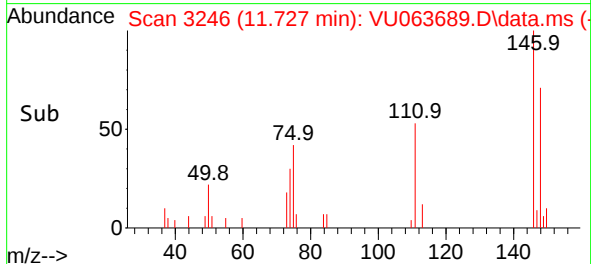
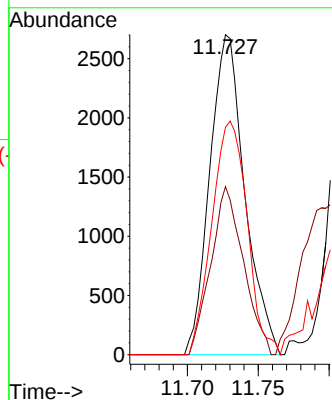
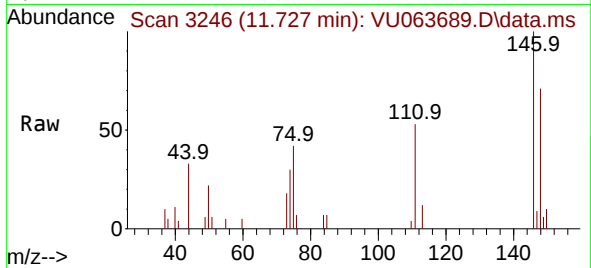




#88
1,4-Dichlorobenzene
Concen: 1.048 ug/l
RT: 11.727 min Scan# 31
Delta R.T. -0.084 min
Lab File: VU063689.D
Acq: 10 Nov 2025 10:09

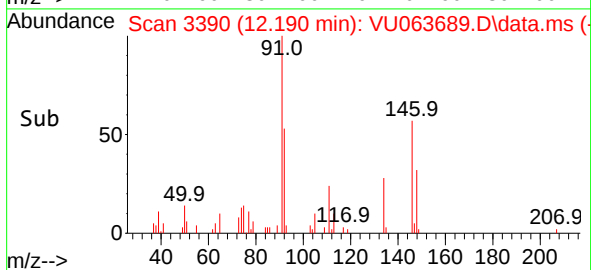
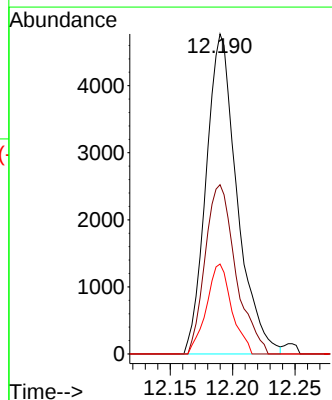
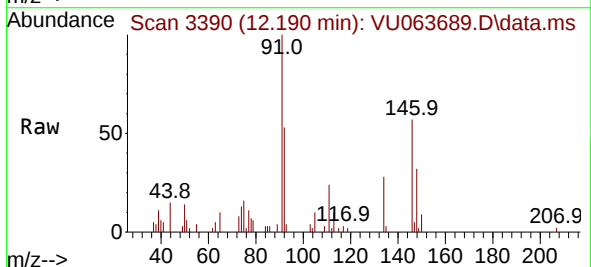
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

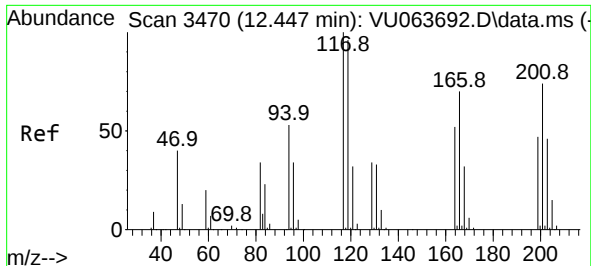
Tgt Ion:146 Resp: 4647
Ion Ratio Lower Upper
146 100
111 49.0 20.4 61.3
148 73.6 31.4 94.3



#89
n-Butylbenzene
Concen: 1.130 ug/l
RT: 12.190 min Scan# 3390
Delta R.T. 0.006 min
Lab File: VU063689.D
Acq: 10 Nov 2025 10:09

Tgt Ion: 91 Resp: 8238
Ion Ratio Lower Upper
91 100
92 52.1 27.0 81.0
134 22.9 12.4 37.4

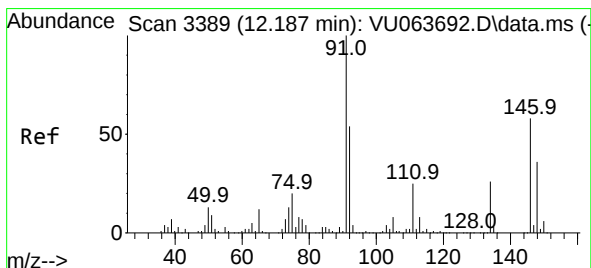
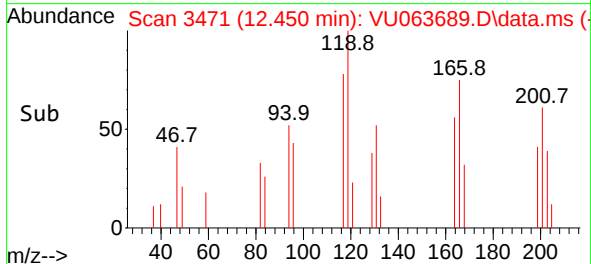
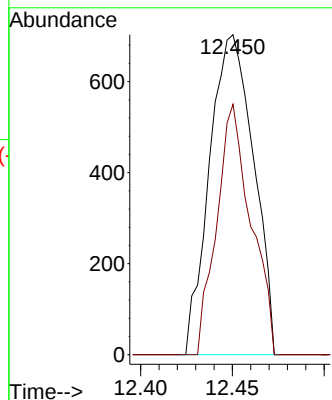
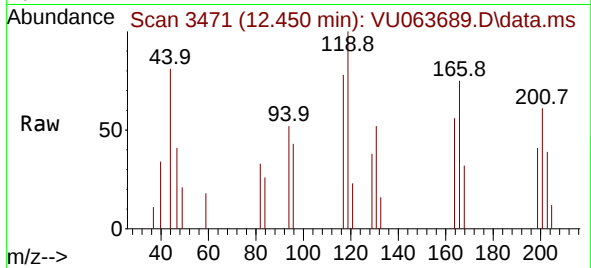




#90
Hexachloroethane
Concen: 0.970 ug/l
RT: 12.450 min Scan# 3470
Delta R.T. 0.003 min
Lab File: VU063689.D
Acq: 10 Nov 2025 10:09

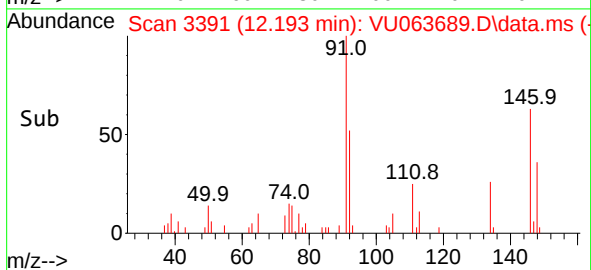
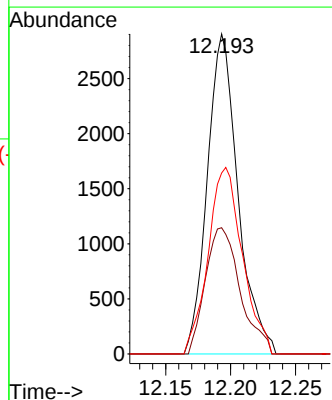
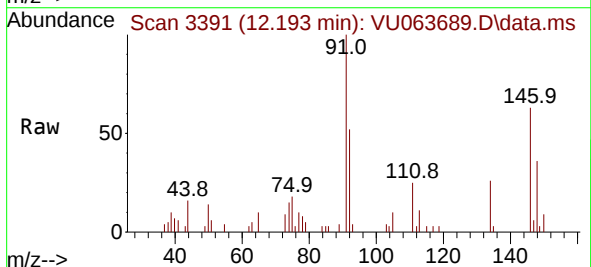
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MSVOA_U
ClientSampleId :
VSTDIC001

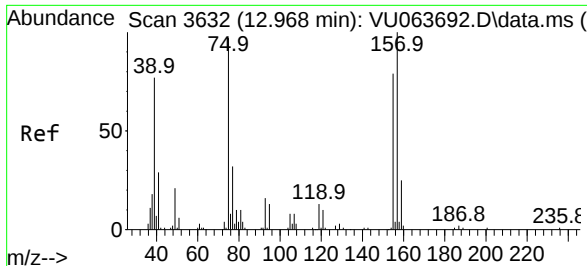
Tgt Ion:117 Resp: 1175
Ion Ratio Lower Upper
117 100
201 60.7 36.6 109.8



#91
1,2-Dichlorobenzene
Concen: 1.129 ug/l
RT: 12.193 min Scan# 3391
Delta R.T. 0.006 min
Lab File: VU063689.D
Acq: 10 Nov 2025 10:09

Tgt Ion:146 Resp: 4774
Ion Ratio Lower Upper
146 100
111 44.8 21.8 65.3
148 65.1 31.6 94.7





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.954 ug/l

RT: 12.974 min Scan# 3634

Delta R.T. 0.006 min

Lab File: VU063689.D

Acq: 10 Nov 2025 10:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

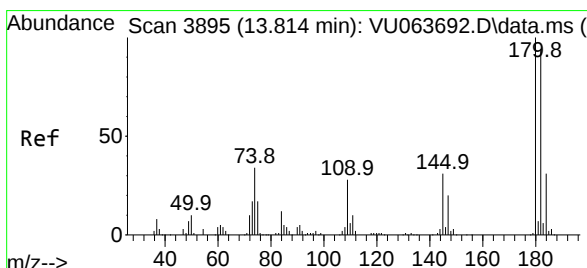
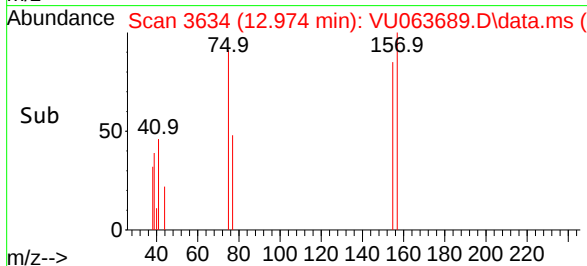
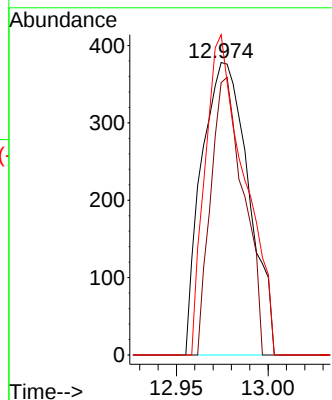
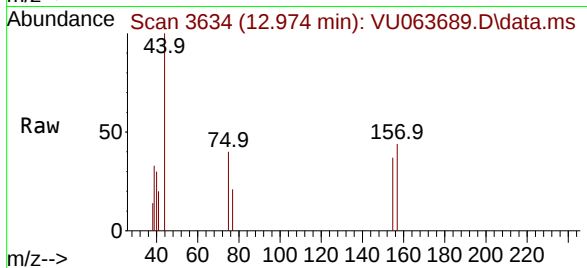
Tgt Ion: 75 Resp: 673

Ion Ratio Lower Upper

75 100

155 66.7 40.5 121.4

157 92.3 50.4 151.3



#93

1,2,4-Trichlorobenzene

Concen: 1.253 ug/l

RT: 13.820 min Scan# 3897

Delta R.T. 0.006 min

Lab File: VU063689.D

Acq: 10 Nov 2025 10:09

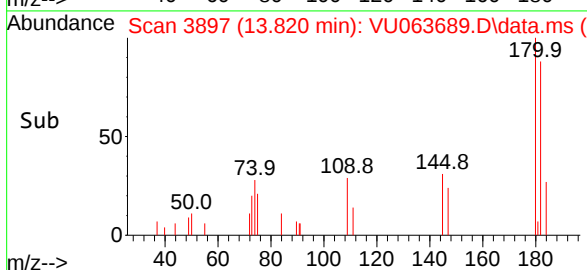
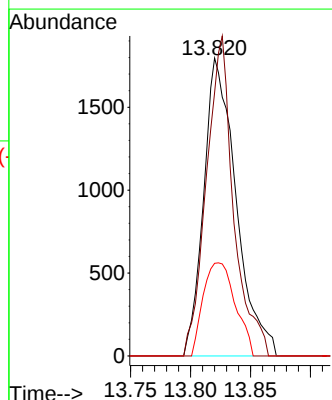
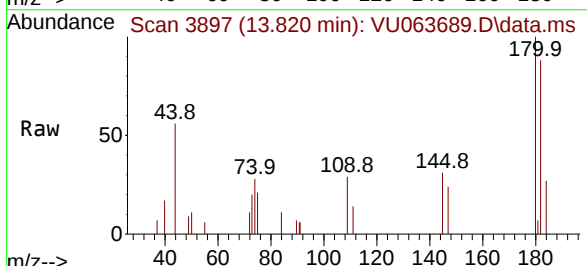
Tgt Ion:180 Resp: 3378

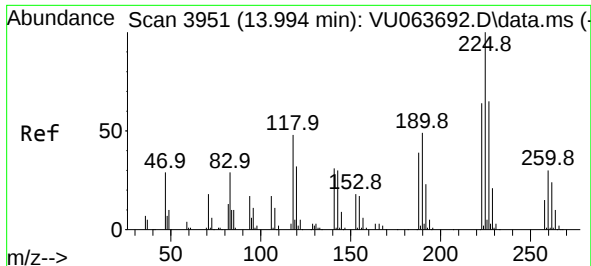
Ion Ratio Lower Upper

180 100

182 90.2 47.6 142.9

145 30.9 15.9 47.6

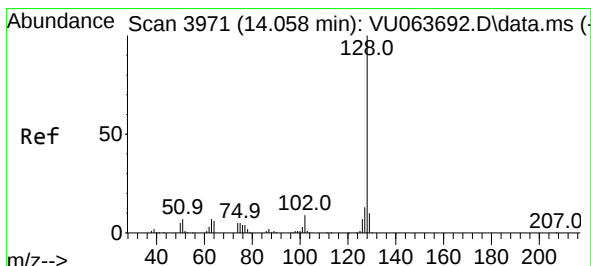
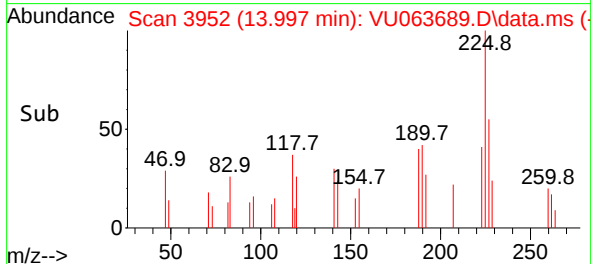
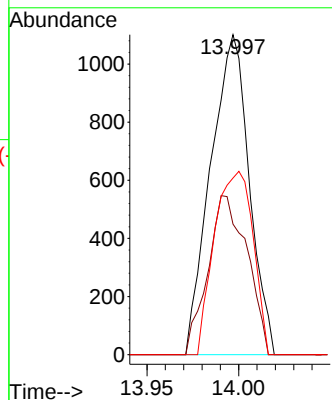
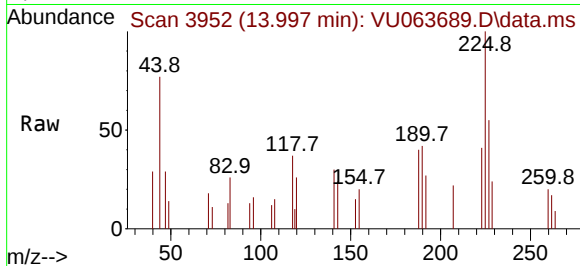




#94
Hexachlorobutadiene
Concen: 1.184 ug/l
RT: 13.997 min Scan# 3952
Delta R.T. 0.003 min
Lab File: VU063689.D
Acq: 10 Nov 2025 10:09

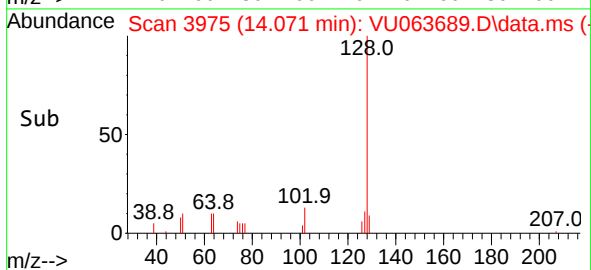
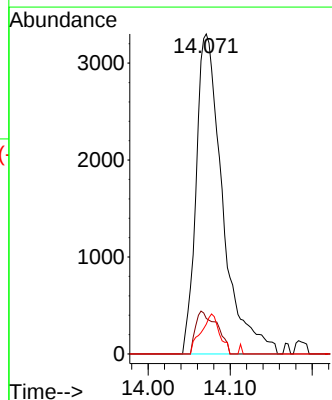
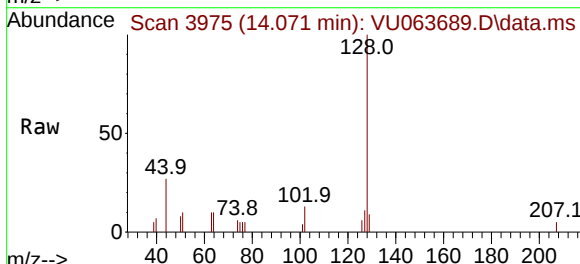
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

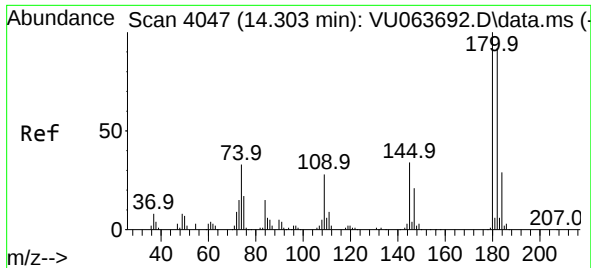
Tgt Ion:	225	Resp:	1609
Ion Ratio	Lower	Upper	
225	100		
223	50.5	31.6	94.8
227	57.6	32.4	97.0



#95
Naphthalene
Concen: 1.013 ug/l
RT: 14.071 min Scan# 3975
Delta R.T. 0.013 min
Lab File: VU063689.D
Acq: 10 Nov 2025 10:09

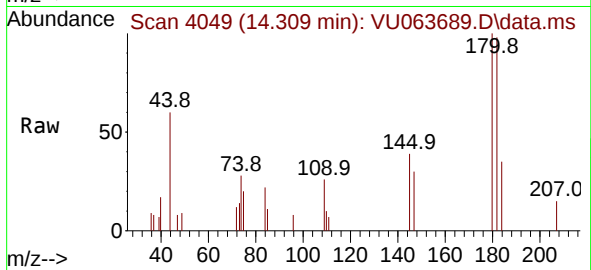
Tgt Ion:	128	Resp:	7402
Ion Ratio	Lower	Upper	
128	100		
127	10.8	9.9	14.9
129	8.7	8.4	12.6





#96
 1,2,3-Trichlorobenzene
 Concen: 1.131 ug/l
 RT: 14.309 min Scan# 4049
 Delta R.T. 0.006 min
 Lab File: VU063689.D
 Acq: 10 Nov 2025 10:09

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001



Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.1	47.3	142.0
145	35.7	16.6	49.7

