

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111025\
 Data File : VU063696.D
 Acq On : 10 Nov 2025 15:38
 Operator : MD/SY
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICSVU111025

Quant Time: Nov 11 01:47:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U111025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 01:41:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.341	168	211087	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.222	114	351509	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.393	117	334466	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.788	152	193105	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.669	65	146457	46.968	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.940%
35) Dibromofluoromethane	5.258	113	116574	47.350	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.700%
50) Toluene-d8	7.872	98	403845	45.660	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.320%#
62) 4-Bromofluorobenzene	10.608	95	178381	48.755	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.500%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.374	85	56172	44.064	ug/l	98
3) Chloromethane	1.509	50	61112	49.040	ug/l	100
4) Vinyl Chloride	1.589	62	69894	44.577	ug/l	99
5) Bromomethane	1.830	94	51941	54.629	ug/l	97
6) Chloroethane	1.911	64	52570	44.334	ug/l	99
7) Trichlorofluoromethane	2.116	101	133876	44.624	ug/l	98
8) Diethyl Ether	2.354	74	56964	44.661	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.554	101	87546	45.927	ug/l	98
10) Methyl Iodide	2.695	142	88264	42.305	ug/l	99
11) Tert butyl alcohol	3.155	59	152044	208.986	ug/l	100
12) 1,1-Dichloroethene	2.554	96	73703	44.904	ug/l	97
13) Acrolein	2.464	56	10335	218.856	ug/l	86
14) Allyl chloride	2.894	41	139704	45.638	ug/l	99
15) Acrylonitrile	3.280	53	359634	241.370	ug/l	99
16) Acetone	2.602	43	403708	235.385	ug/l	100
17) Carbon Disulfide	2.766	76	100974	48.279	ug/l	98
18) Methyl Acetate	2.923	43	257227	47.075	ug/l	100
19) Methyl tert-butyl Ether	3.335	73	349836	47.237	ug/l	100
20) Methylene Chloride	3.017	84	98713	49.073	ug/l	98
21) trans-1,2-Dichloroethene	3.322	96	77310	45.878	ug/l	97
22) Diisopropyl ether	3.959	45	312133	46.296	ug/l	96
23) Vinyl Acetate	3.920	43	1075997	234.015	ug/l	99
24) 1,1-Dichloroethane	3.833	63	180194	46.340	ug/l	99
25) 2-Butanone	4.669	43	501090	233.389	ug/l	100
26) 2,2-Dichloropropane	4.627	77	154569	46.283	ug/l	99
27) cis-1,2-Dichloroethene	4.634	96	115435	46.888	ug/l	99
28) Bromochloromethane	4.939	49	83396	53.593	ug/l	99
29) Tetrahydrofuran	5.020	42	291622	233.427	ug/l	99
30) Chloroform	5.055	83	203070	47.668	ug/l	100
31) Cyclohexane	5.354	56	118788	47.817	ug/l	98
32) 1,1,1-Trichloroethane	5.283	97	165076	47.222	ug/l	98
36) 1,1-Dichloropropene	5.496	75	111057	44.320	ug/l	100
37) Ethyl Acetate	4.775	43	155462	43.815	ug/l	99
38) Carbon Tetrachloride	5.492	117	122921	45.387	ug/l	99
39) Methylcyclohexane	6.733	83	129917	45.666	ug/l	96
40) Benzene	5.743	78	366169	45.283	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.939	41	87629	47.520	ug/l	99
42) 1,2-Dichloroethane	5.762	62	151542	47.517	ug/l	100
43) Isopropyl Acetate	5.881	43	245313	47.170	ug/l	100
44) Trichloroethene	6.515	130	96601	42.581	ug/l	99
45) 1,2-Dichloropropane	6.759	63	103535	47.101	ug/l	99
46) Dibromomethane	6.891	93	78328	47.456	ug/l	97
47) Bromodichloromethane	7.078	83	159710	47.728	ug/l	98
48) Methyl methacrylate	6.933	41	121828	47.724	ug/l	100
49) 1,4-Dioxane	6.936	88	57145	844.946	ug/l	98
51) 4-Methyl-2-Pentanone	7.762	43	931884	234.159	ug/l	99
52) Toluene	7.942	92	245784	46.836	ug/l	100
53) t-1,3-Dichloropropene	8.184	75	130622	46.355	ug/l	96
54) cis-1,3-Dichloropropene	7.582	75	149165	47.229	ug/l	99
55) 1,1,2-Trichloroethane	8.373	97	114226	47.432	ug/l	99
56) Ethyl methacrylate	8.309	69	175789	49.472	ug/l	99
57) 1,3-Dichloropropane	8.547	76	183895	46.807	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.447	63	7186	168.182	ug/l #	86
59) 2-Hexanone	8.656	43	703565	237.359	ug/l	99
60) Dibromochloromethane	8.782	129	121896	48.327	ug/l	99
61) 1,2-Dibromoethane	8.897	107	110380	47.567	ug/l	98
64) Tetrachloroethene	8.528	164	97967	45.400	ug/l	98
65) Chlorobenzene	9.421	112	296391	45.352	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.508	131	102331	46.036	ug/l	99
67) Ethyl Benzene	9.547	91	502985	46.207	ug/l	98
68) m/p-Xylenes	9.669	106	377099	93.852	ug/l	100
69) o-Xylene	10.077	106	190786	46.016	ug/l	99
70) Styrene	10.090	104	320770	48.165	ug/l	99
71) Bromoform	10.264	173	85388	47.704	ug/l #	100
73) Isopropylbenzene	10.460	105	513493	42.325	ug/l	99
74) N-amyl acetate	10.299	43	189624	44.861	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.756	83	194432	41.733	ug/l	98
76) 1,2,3-Trichloropropane	10.798	75	199583	41.014	ug/l #	100
77) Bromobenzene	10.759	156	127935	41.913	ug/l	99
78) n-propylbenzene	10.881	91	595731	42.805	ug/l	99
79) 2-Chlorotoluene	10.962	91	377769	41.994	ug/l	98
80) 1,3,5-Trimethylbenzene	11.065	105	441320	43.383	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.521	75	38606	42.264	ug/l	95
82) 4-Chlorotoluene	11.071	91	432128	42.273	ug/l	100
83) tert-Butylbenzene	11.396	119	453816	42.828	ug/l	100
84) 1,2,4-Trimethylbenzene	11.444	105	438443	43.919	ug/l	99
85) sec-Butylbenzene	11.618	105	574806	42.943	ug/l	100
86) p-Isopropyltoluene	11.769	119	471877	43.915	ug/l	99
87) 1,3-Dichlorobenzene	11.720	146	249263	43.465	ug/l	99
88) 1,4-Dichlorobenzene	11.810	146	251301	41.885	ug/l	100
89) n-Butylbenzene	12.183	91	426211	43.190	ug/l	99
90) Hexachloroethane	12.450	117	70739	43.153	ug/l	98
91) 1,2-Dichlorobenzene	12.187	146	246140	42.988	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.968	75	42898	44.937	ug/l	97
93) 1,2,4-Trichlorobenzene	13.814	180	159644	43.734	ug/l	100
94) Hexachlorobutadiene	13.994	225	79089	43.000	ug/l	98
95) Naphthalene	14.058	128	489735	49.525	ug/l	100
96) 1,2,3-Trichlorobenzene	14.302	180	150299	44.287	ug/l	98

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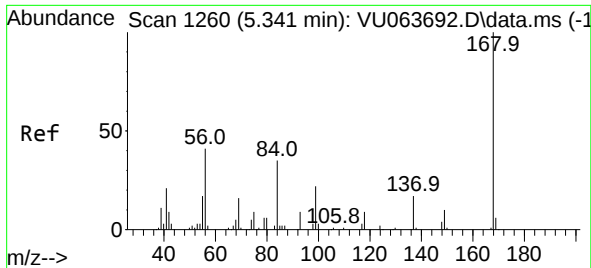
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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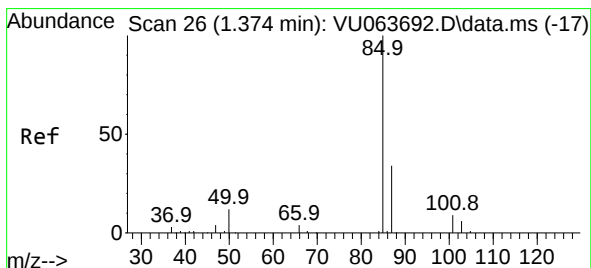
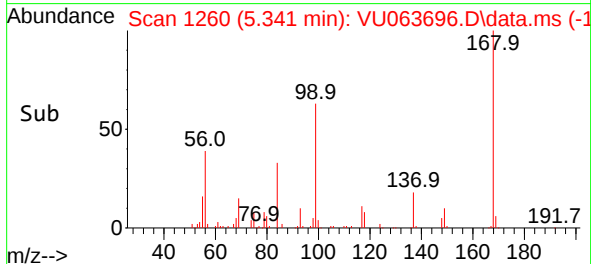
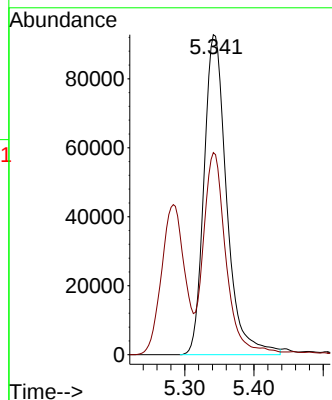
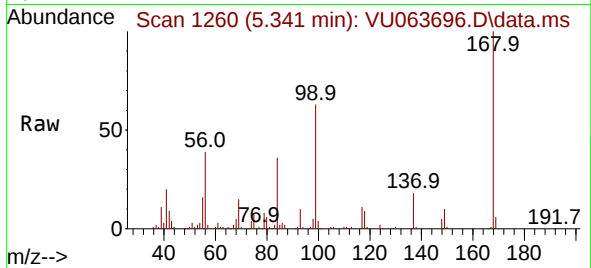




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.341 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU063696.D
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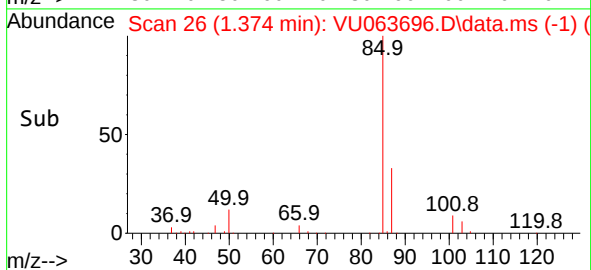
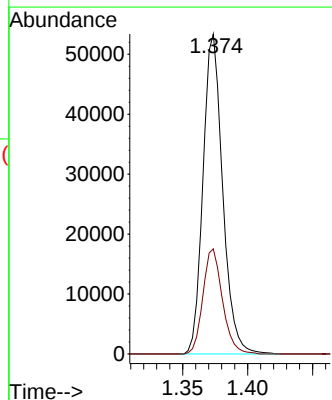
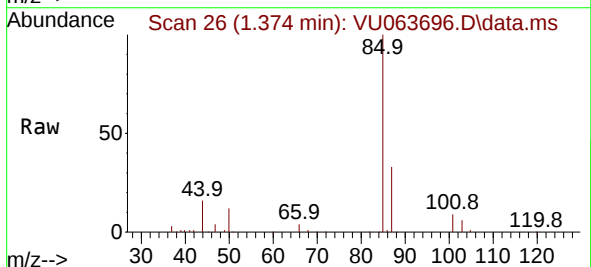
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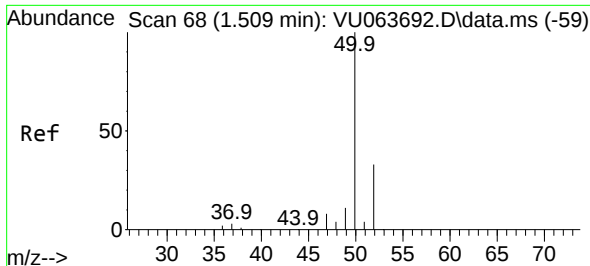
Tgt Ion:168 Resp: 211087
Ion Ratio Lower Upper
168 100
99 62.3 48.2 72.4



#2
Dichlorodifluoromethane
Concen: 44.064 ug/l
RT: 1.374 min Scan# 26
Delta R.T. -0.000 min
Lab File: VU063696.D
Acq: 10 Nov 2025 15:38

Tgt Ion: 85 Resp: 56172
Ion Ratio Lower Upper
85 100
87 32.8 17.0 51.0

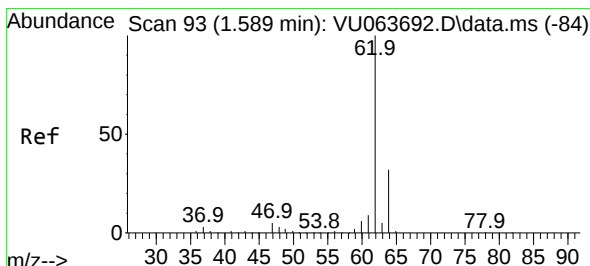
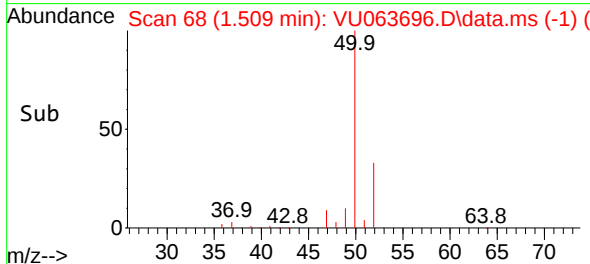
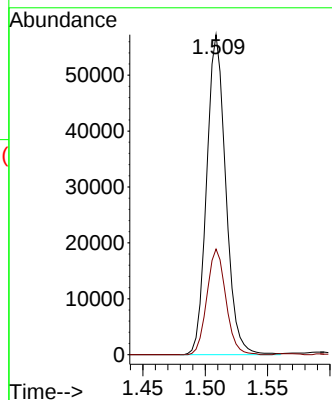
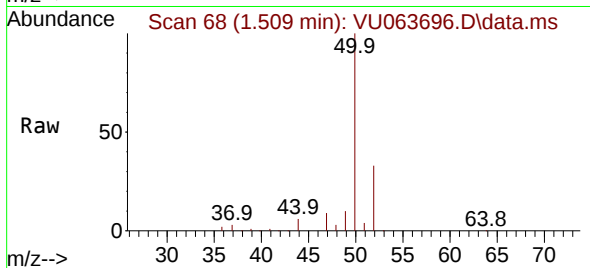




#3
Chloromethane
Concen: 49.040 ug/l
RT: 1.509 min Scan# 68
Delta R.T. -0.000 min
Lab File: VU063696.D
Acq: 10 Nov 2025 15:38

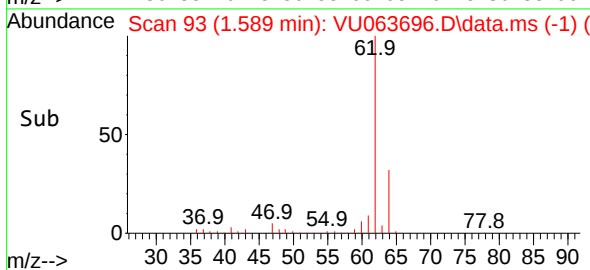
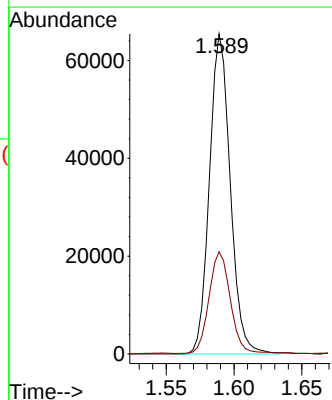
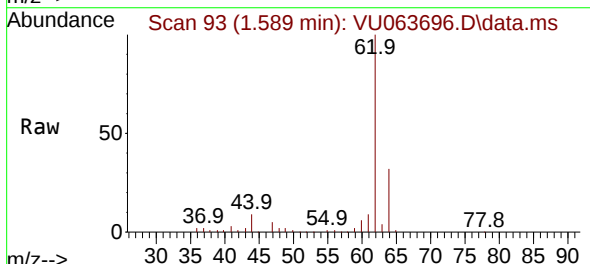
Instrument :
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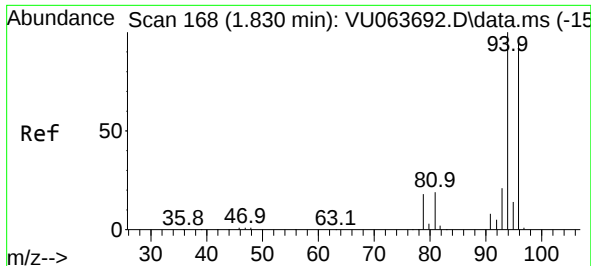
Tgt Ion: 50 Resp: 61112
Ion Ratio Lower Upper
50 100
52 33.0 26.3 39.5



#4
Vinyl Chloride
Concen: 44.577 ug/l
RT: 1.589 min Scan# 93
Delta R.T. -0.000 min
Lab File: VU063696.D
Acq: 10 Nov 2025 15:38

Tgt Ion: 62 Resp: 69894
Ion Ratio Lower Upper
62 100
64 31.8 25.9 38.9

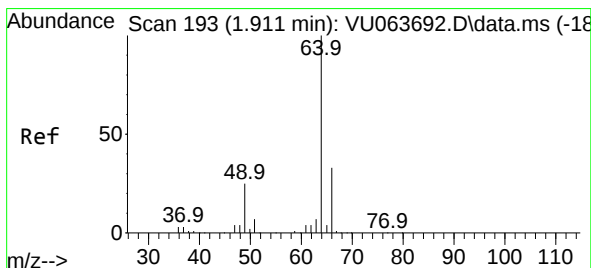
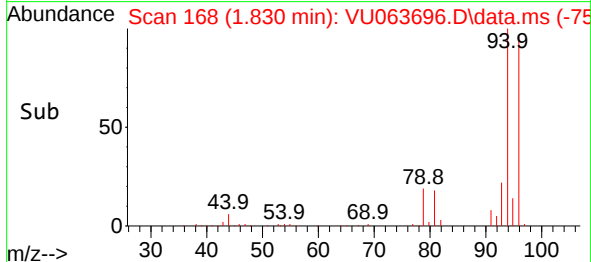
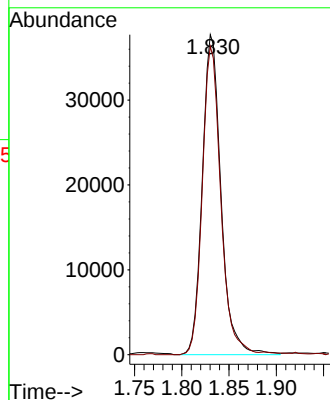
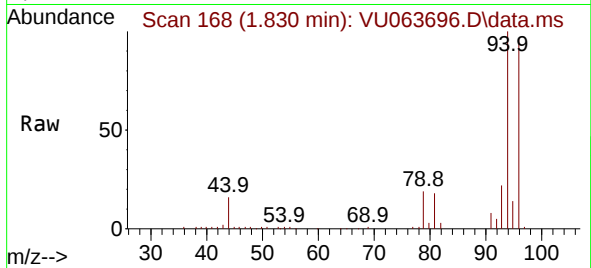




#5
Bromomethane
Concen: 54.629 ug/l
RT: 1.830 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU063696.D
Acq: 10 Nov 2025 15:38

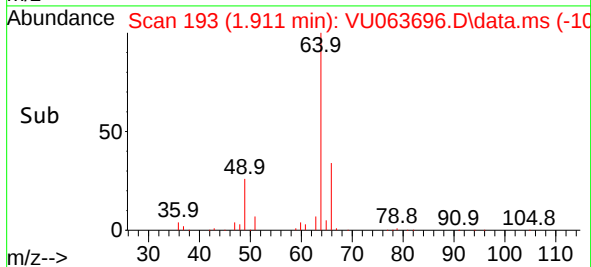
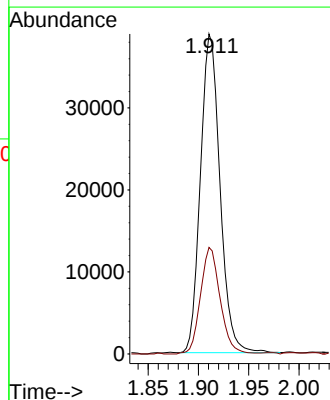
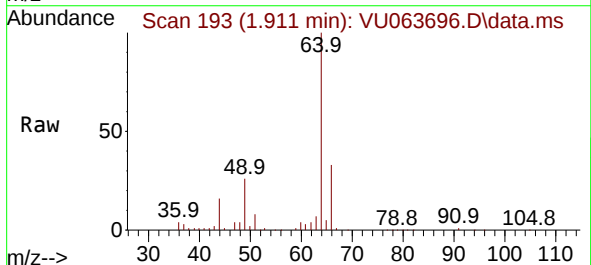
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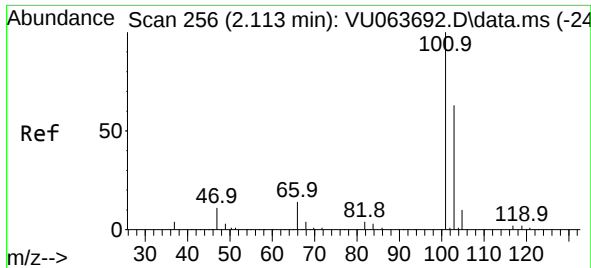
Tgt Ion: 94 Resp: 51941
Ion Ratio Lower Upper
94 100
96 96.4 74.8 112.2



#6
Chloroethane
Concen: 44.334 ug/l
RT: 1.911 min Scan# 193
Delta R.T. -0.000 min
Lab File: VU063696.D
Acq: 10 Nov 2025 15:38

Tgt Ion: 64 Resp: 52570
Ion Ratio Lower Upper
64 100
66 33.4 26.4 39.6

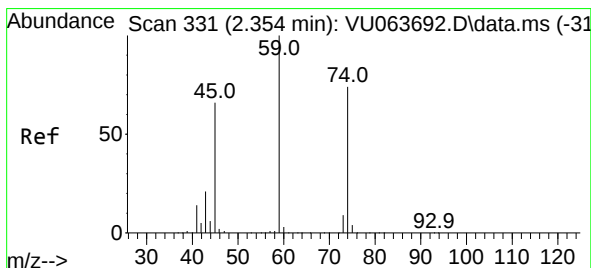
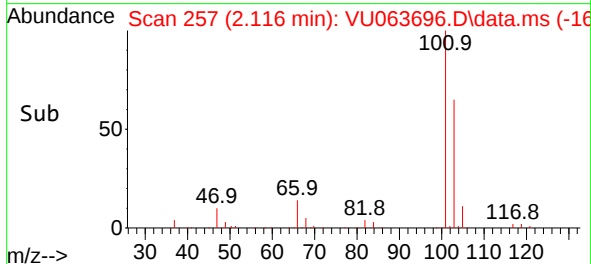
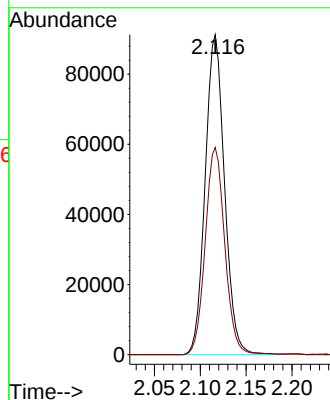
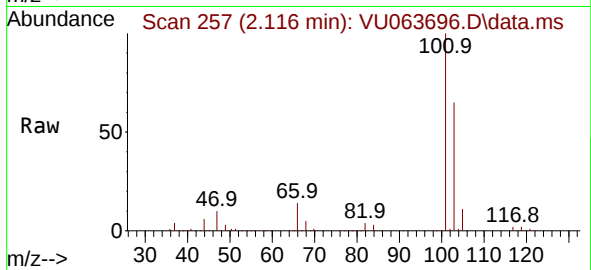




#7
Trichlorofluoromethane
Concen: 44.624 ug/l
RT: 2.116 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063696.D
Acq: 10 Nov 2025 15:38

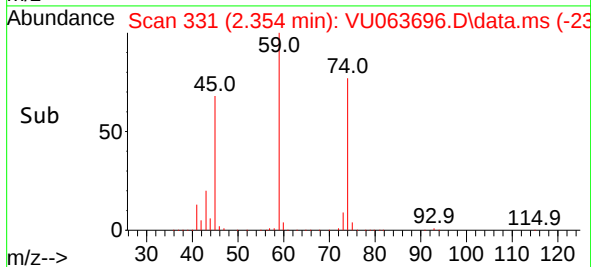
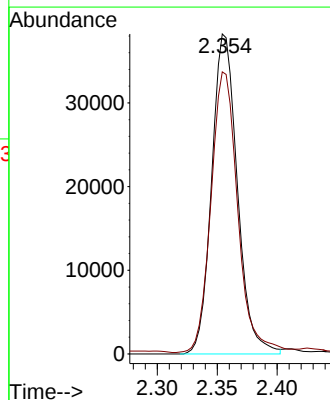
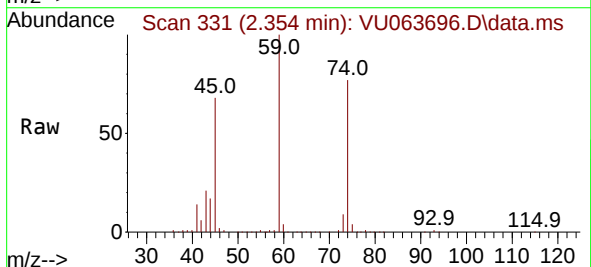
Instrument :
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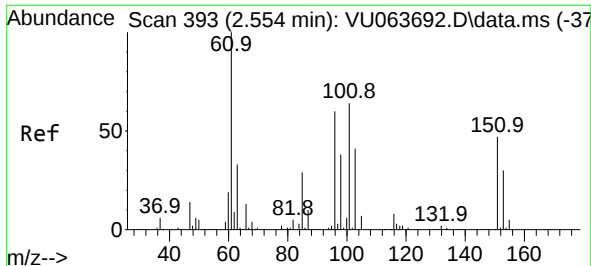
Tgt Ion:101 Resp: 133876
Ion Ratio Lower Upper
101 100
103 64.8 50.3 75.5



#8
Diethyl Ether
Concen: 44.661 ug/l
RT: 2.354 min Scan# 331
Delta R.T. -0.000 min
Lab File: VU063696.D
Acq: 10 Nov 2025 15:38

Tgt Ion: 74 Resp: 56964
Ion Ratio Lower Upper
74 100
45 91.3 44.1 132.4

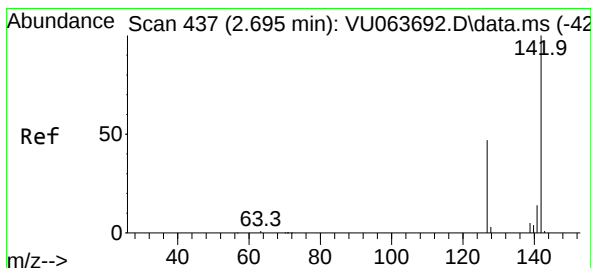
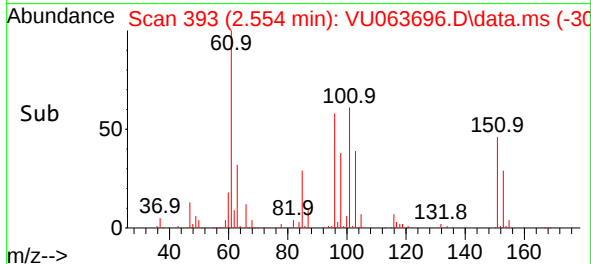
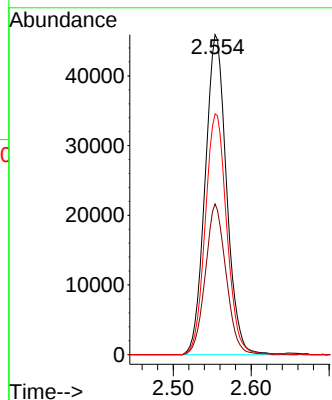
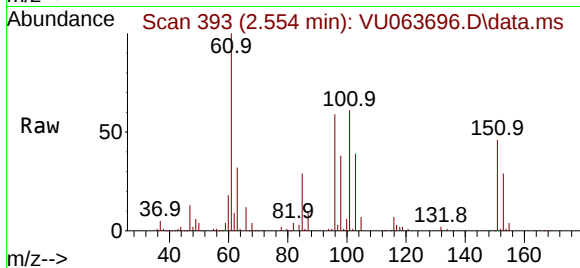




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.927 ug/l
RT: 2.554 min Scan# 393
Delta R.T. -0.000 min
Lab File: VU063696.D
Acq: 10 Nov 2025 15:38

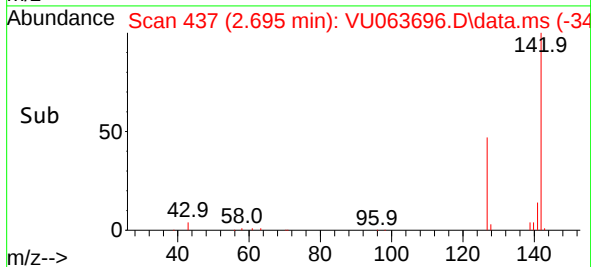
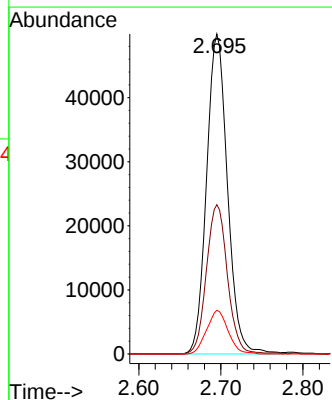
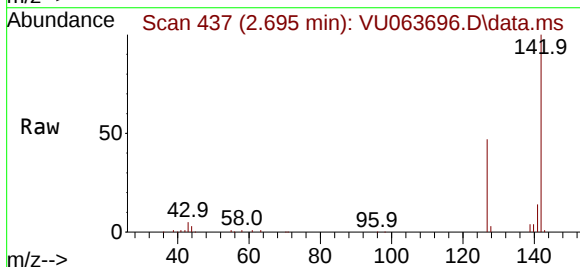
Instrument :
MSVOA_U
ClientSampleId :
ICVVU111025

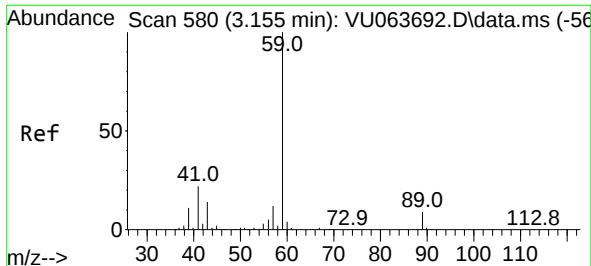
Tgt Ion:101 Resp: 87546
Ion Ratio Lower Upper
101 100
85 45.7 36.2 54.4
151 75.8 58.5 87.7



#10
Methyl Iodide
Concen: 42.305 ug/l
RT: 2.695 min Scan# 437
Delta R.T. 0.000 min
Lab File: VU063696.D
Acq: 10 Nov 2025 15:38

Tgt Ion:142 Resp: 88264
Ion Ratio Lower Upper
142 100
127 46.9 37.2 55.8
141 14.0 11.4 17.0





#11

Tert butyl alcohol

Concen: 208.986 ug/l

RT: 3.155 min Scan# 580

Delta R.T. -0.000 min

Lab File: VU063696.D

Acq: 10 Nov 2025 15:38

Instrument :

MSVOA_U

ClientSampleId :

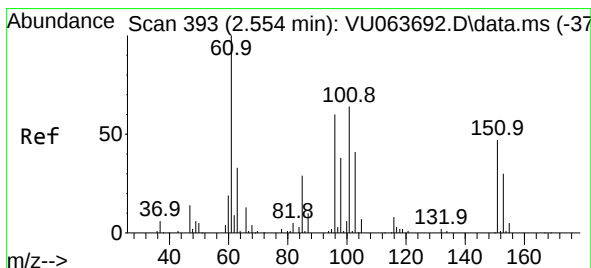
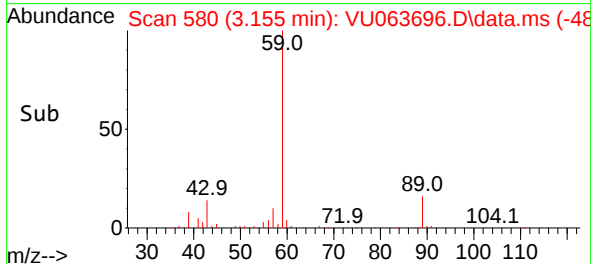
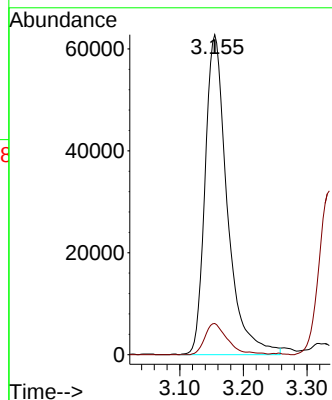
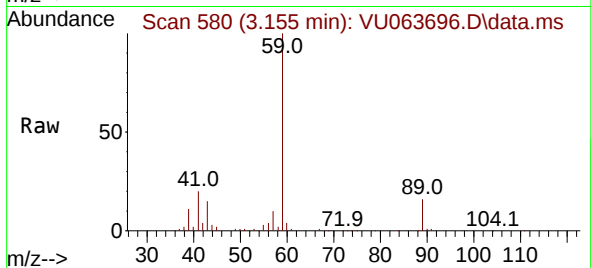
ICVVU111025

Tgt Ion: 59 Resp: 152044

Ion Ratio Lower Upper

59 100

57 10.0 8.2 12.2



#12

1,1-Dichloroethene

Concen: 44.904 ug/l

RT: 2.554 min Scan# 393

Delta R.T. -0.000 min

Lab File: VU063696.D

Acq: 10 Nov 2025 15:38

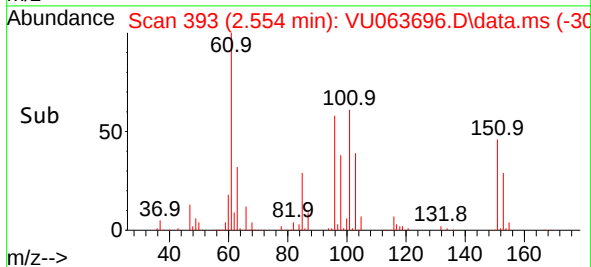
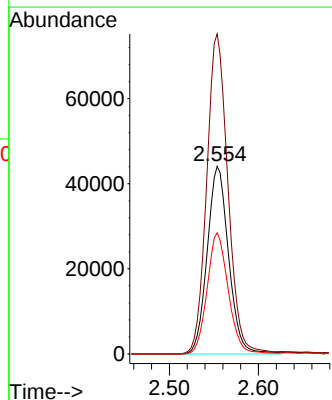
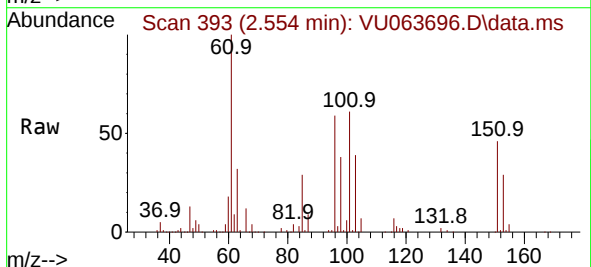
Tgt Ion: 96 Resp: 73703

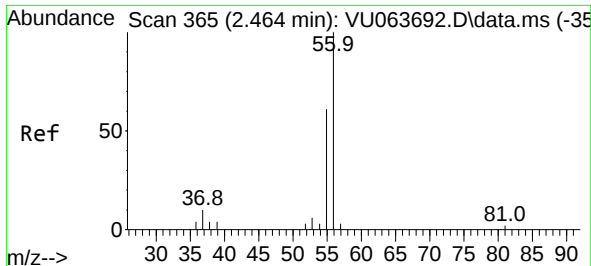
Ion Ratio Lower Upper

96 100

61 170.5 133.1 199.7

98 64.5 50.7 76.1

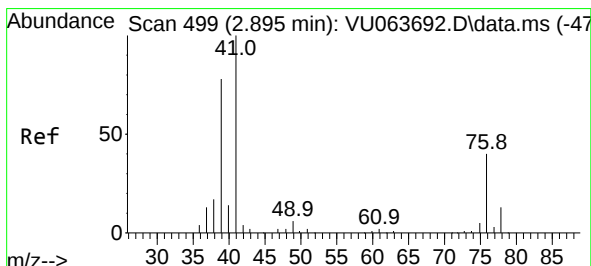
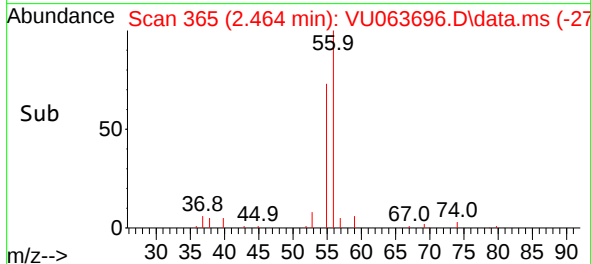
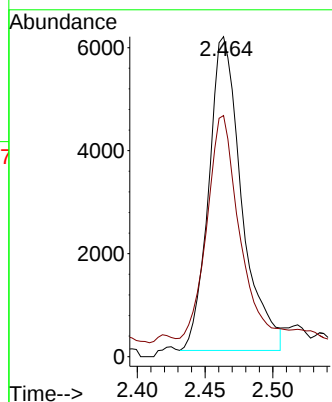
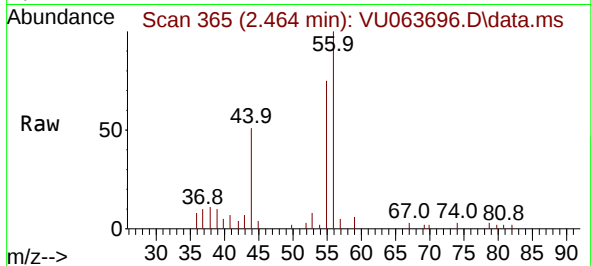




#13
Acrolein
Concen: 218.856 ug/l
RT: 2.464 min Scan# 365
Delta R.T. -0.000 min
Lab File: VU063696.D
Acq: 10 Nov 2025 15:38

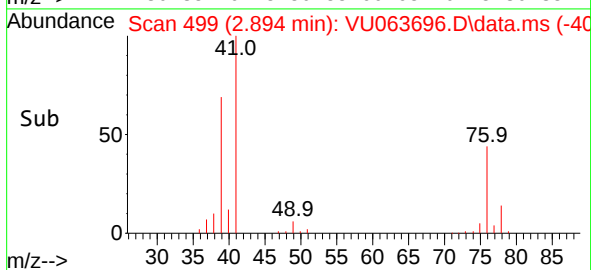
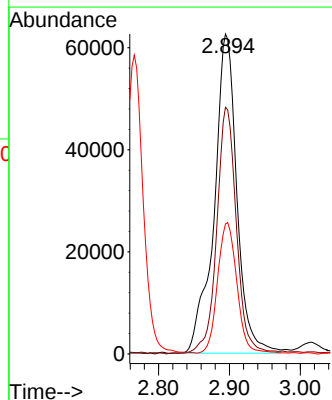
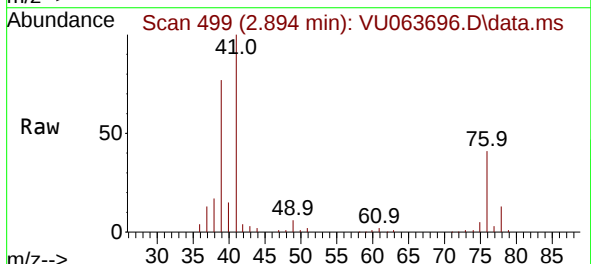
Instrument :
MSVOA_U
ClientSampleId :
ICVVU111025

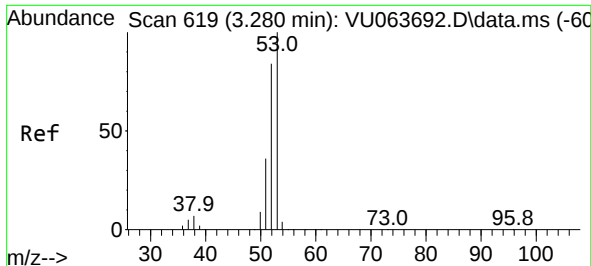
Tgt Ion: 56 Resp: 10335
Ion Ratio Lower Upper
56 100
55 69.1 47.1 70.7



#14
Allyl chloride
Concen: 45.638 ug/l
RT: 2.894 min Scan# 499
Delta R.T. -0.000 min
Lab File: VU063696.D
Acq: 10 Nov 2025 15:38

Tgt Ion: 41 Resp: 139704
Ion Ratio Lower Upper
41 100
39 66.3 53.1 79.7
76 34.6 26.4 39.6

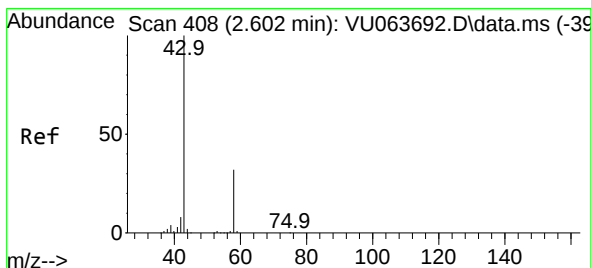
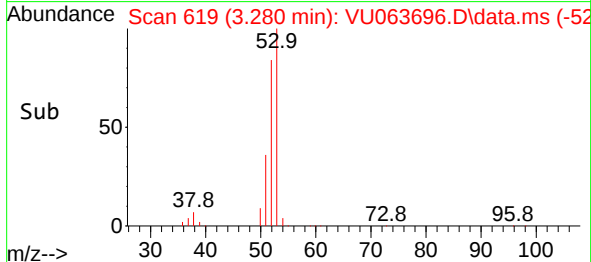
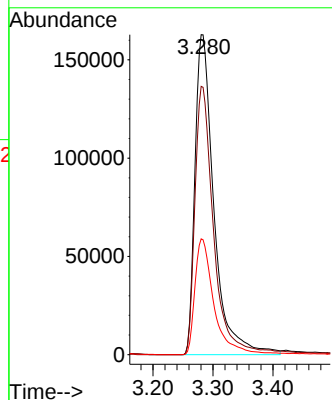
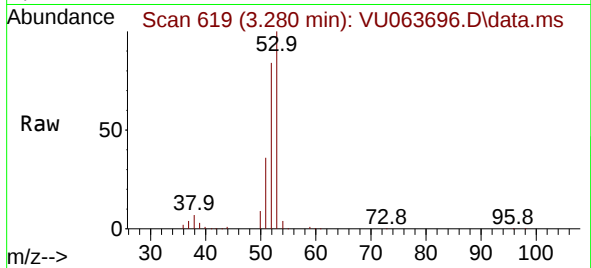




#15
Acrylonitrile
Concen: 241.370 ug/l
RT: 3.280 min Scan# 619
Delta R.T. -0.000 min
Lab File: VU063696.D
Acq: 10 Nov 2025 15:38

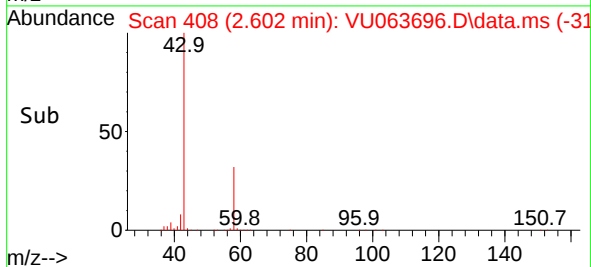
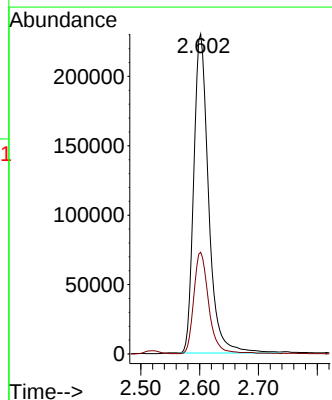
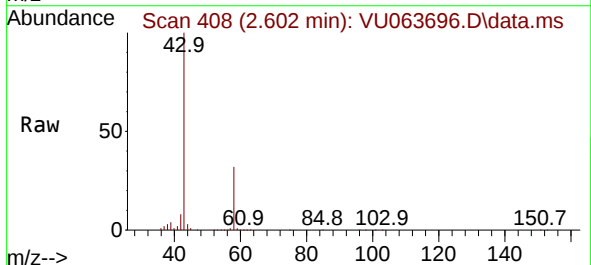
Instrument :
MSVOA_U
ClientSampleId :
ICVVU111025

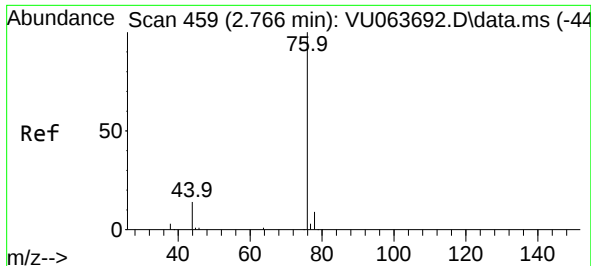
Tgt Ion: 53 Resp: 359634
Ion Ratio Lower Upper
53 100
52 83.1 67.5 101.3
51 36.7 29.0 43.6



#16
Acetone
Concen: 235.385 ug/l
RT: 2.602 min Scan# 408
Delta R.T. -0.000 min
Lab File: VU063696.D
Acq: 10 Nov 2025 15:38

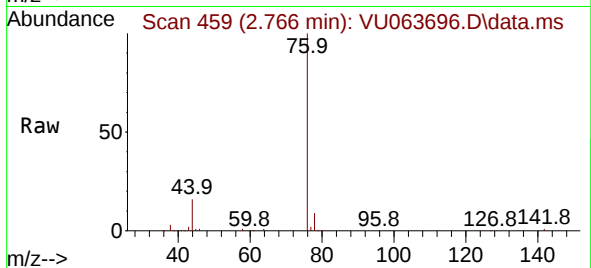
Tgt Ion: 43 Resp: 403708
Ion Ratio Lower Upper
43 100
58 31.8 25.4 38.2



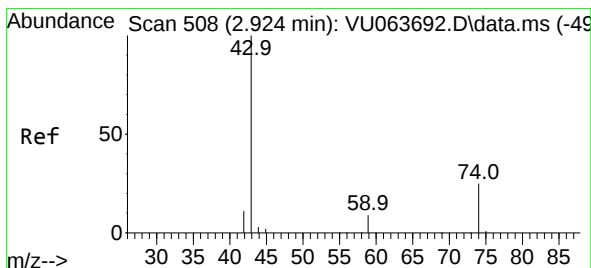
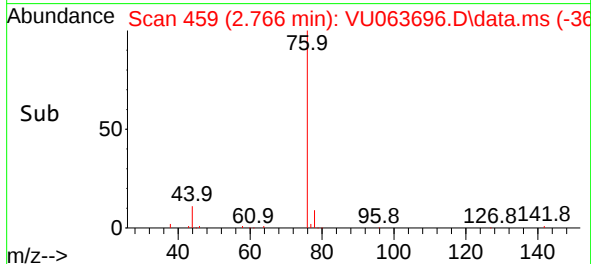
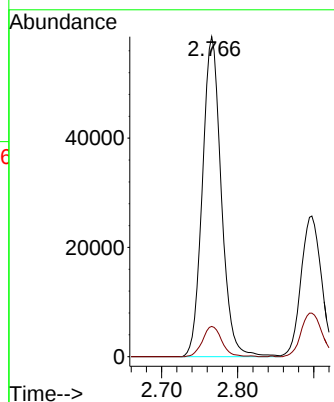


#17
Carbon Disulfide
Concen: 48.279 ug/l
RT: 2.766 min Scan# 459
Delta R.T. -0.000 min
Lab File: VU063696.D
Acq: 10 Nov 2025 15:38

Instrument :
MSVOA_U
ClientSampleId :
ICVVU111025

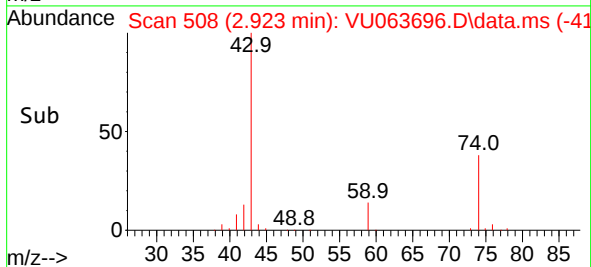
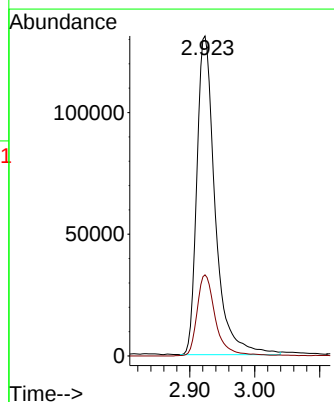
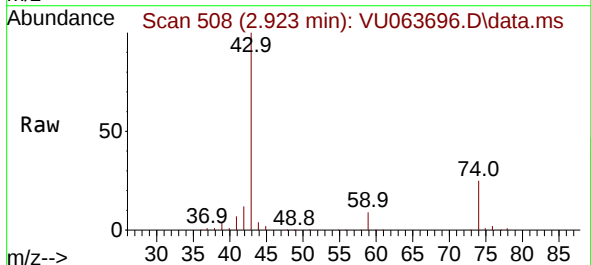


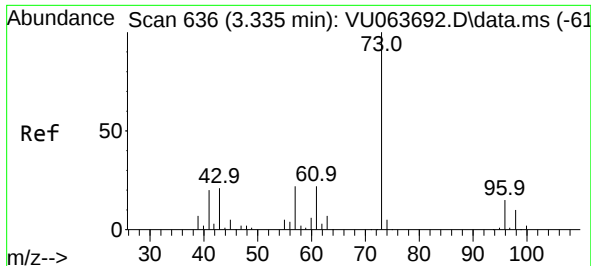
Tgt Ion: 76 Resp: 100974
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.6



#18
Methyl Acetate
Concen: 47.075 ug/l
RT: 2.923 min Scan# 508
Delta R.T. -0.001 min
Lab File: VU063696.D
Acq: 10 Nov 2025 15:38

Tgt Ion: 43 Resp: 257227
Ion Ratio Lower Upper
43 100
74 25.7 20.6 31.0

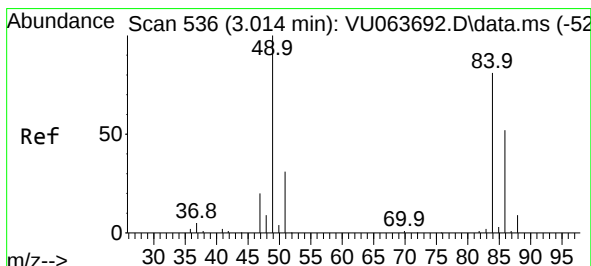
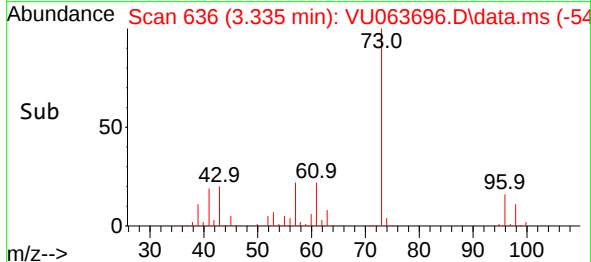
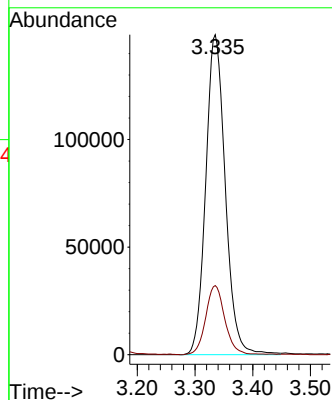
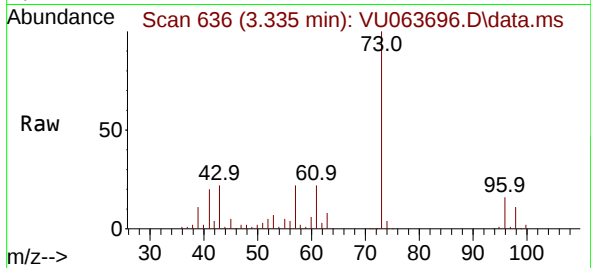




#19
Methyl tert-butyl Ether
Concen: 47.237 ug/l
RT: 3.335 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU063696.D
Acq: 10 Nov 2025 15:38

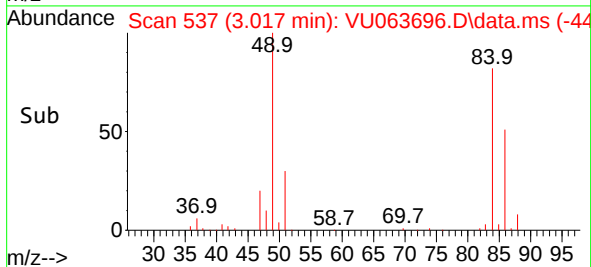
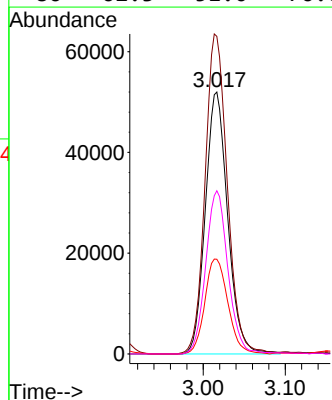
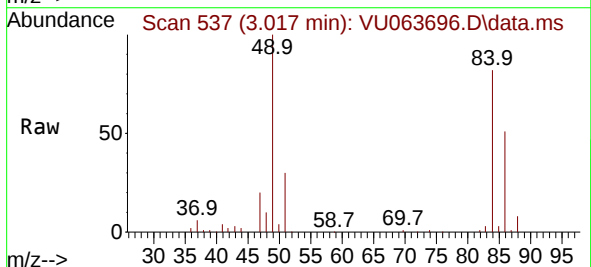
Instrument :
MSVOA_U
ClientSampleId :
ICVVU111025

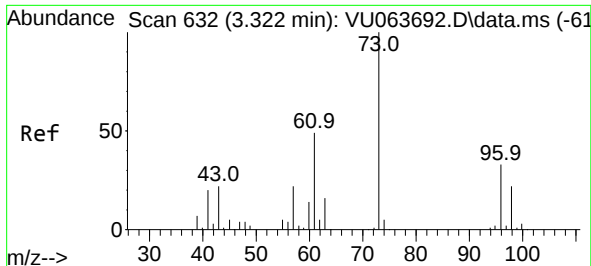
Tgt Ion: 73 Resp: 349836
Ion Ratio Lower Upper
73 100
57 21.6 17.4 26.2



#20
Methylene Chloride
Concen: 49.073 ug/l
RT: 3.017 min Scan# 537
Delta R.T. 0.003 min
Lab File: VU063696.D
Acq: 10 Nov 2025 15:38

Tgt Ion: 84 Resp: 98713
Ion Ratio Lower Upper
84 100
49 120.9 98.4 147.6
51 36.2 30.1 45.1
86 62.3 51.0 76.6

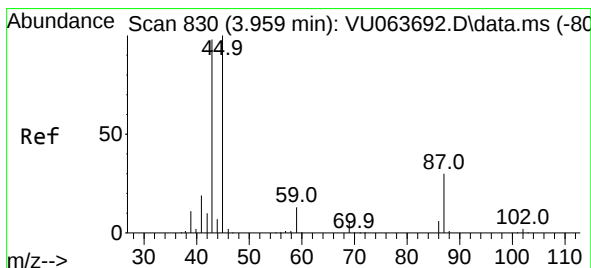
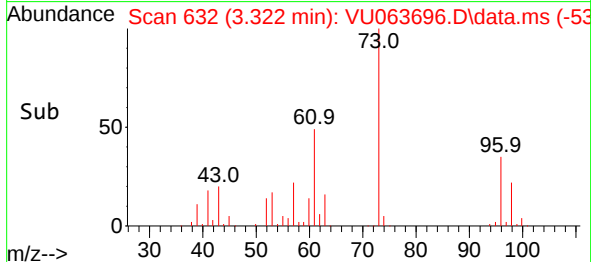
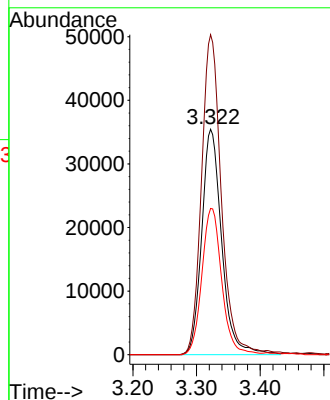
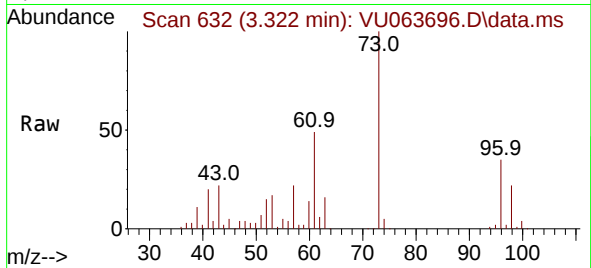




#21
trans-1,2-Dichloroethene
Concen: 45.878 ug/l
RT: 3.322 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU063696.D
Acq: 10 Nov 2025 15:38

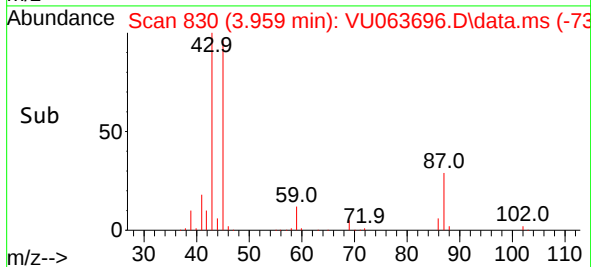
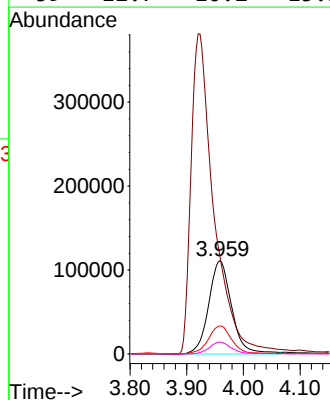
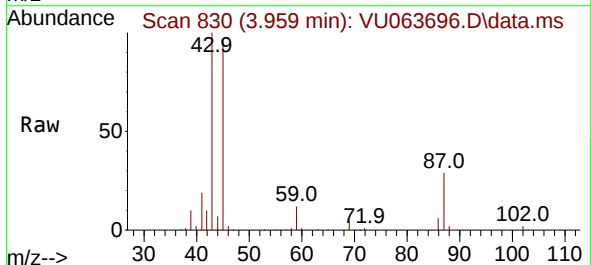
Instrument :
MSVOA_U
ClientSampleId :
ICVVU111025

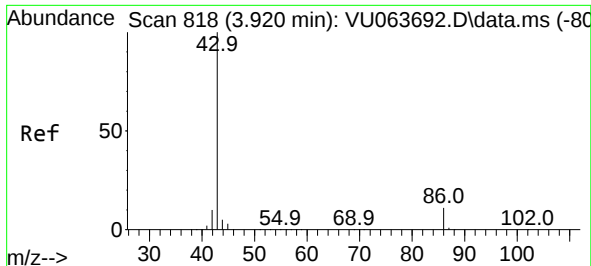
Tgt Ion: 96 Resp: 77310
Ion Ratio Lower Upper
96 100
61 141.9 117.5 176.3
98 64.9 52.7 79.1



#22
Diisopropyl ether
Concen: 46.296 ug/l
RT: 3.959 min Scan# 830
Delta R.T. -0.000 min
Lab File: VU063696.D
Acq: 10 Nov 2025 15:38

Tgt Ion: 45 Resp: 312133
Ion Ratio Lower Upper
45 100
43 103.7 78.1 117.1
87 30.1 23.8 35.8
59 12.7 10.2 15.2

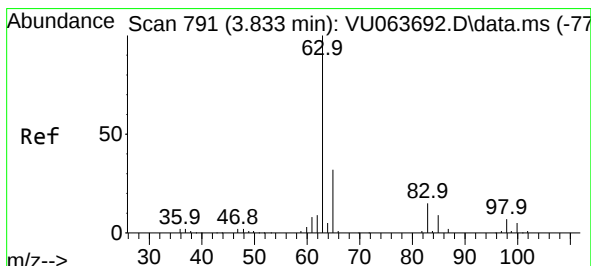
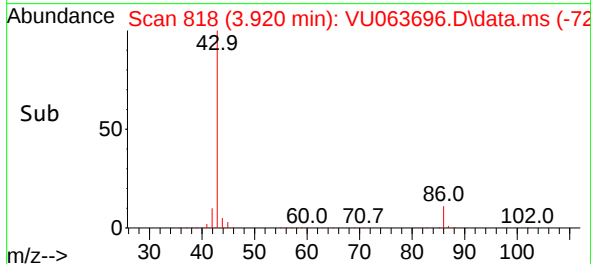
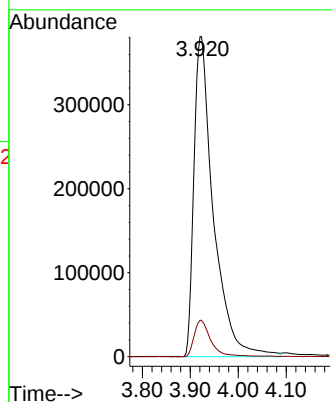
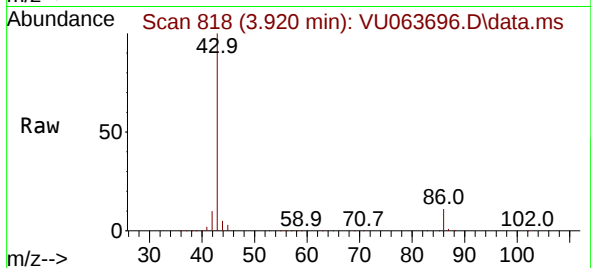




#23
 Vinyl Acetate
 Concen: 234.015 ug/l
 RT: 3.920 min Scan# 818
 Delta R.T. -0.000 min
 Lab File: VU063696.D
 Acq: 10 Nov 2025 15:38

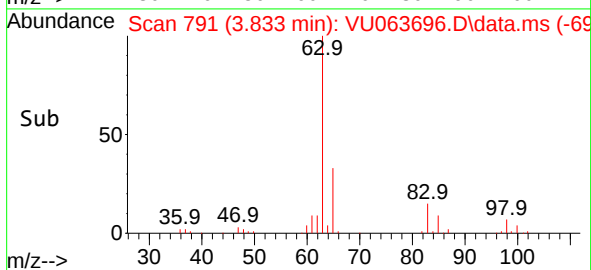
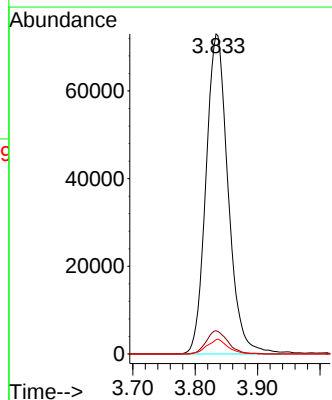
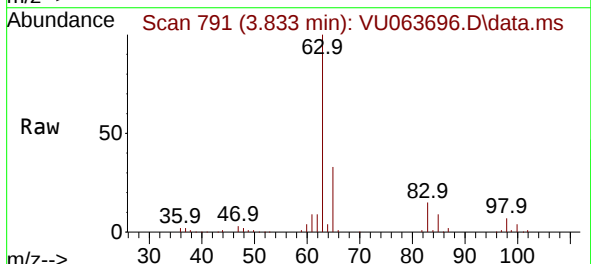
Instrument :
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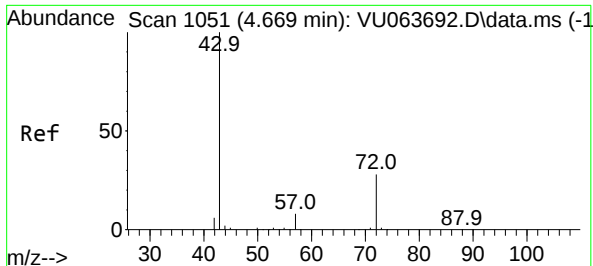
Tgt Ion: 43 Resp: 1075997
 Ion Ratio Lower Upper
 43 100
 86 11.4 8.7 13.1



#24
 1,1-Dichloroethane
 Concen: 46.340 ug/l
 RT: 3.833 min Scan# 791
 Delta R.T. -0.000 min
 Lab File: VU063696.D
 Acq: 10 Nov 2025 15:38

Tgt Ion: 63 Resp: 180194
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.7 11.1
 100 4.5 2.5 7.5

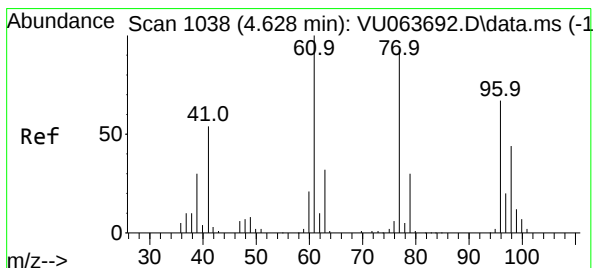
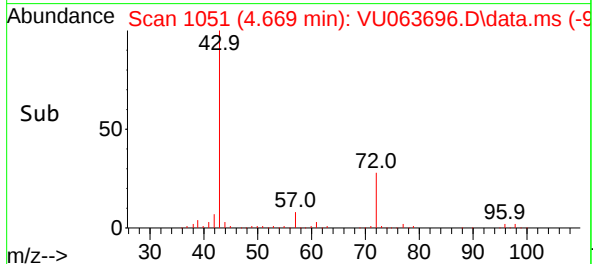
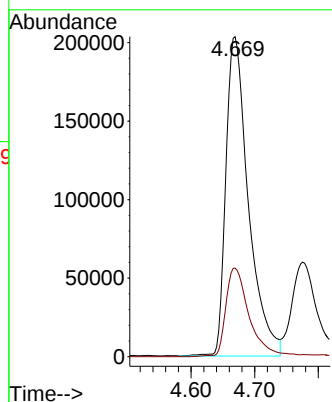
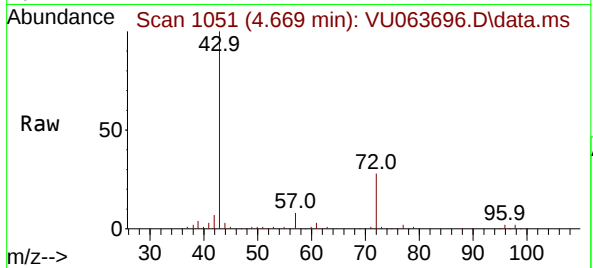




#25
2-Butanone
Concen: 233.389 ug/l
RT: 4.669 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VU063696.D
Acq: 10 Nov 2025 15:38

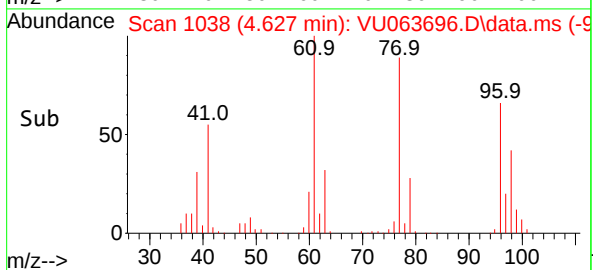
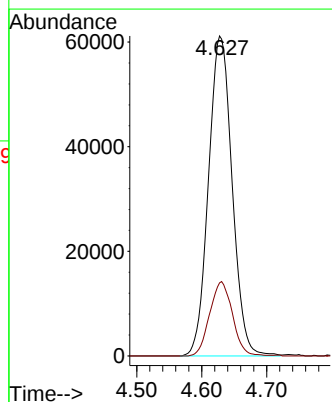
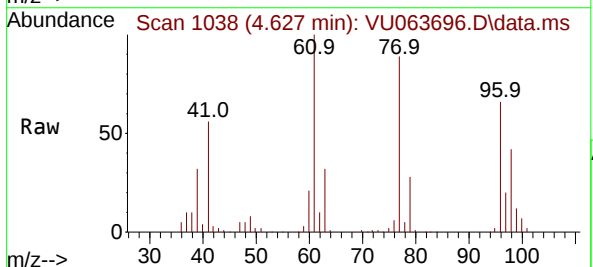
Instrument :
MSVOA_U
ClientSampleId :
ICVVU111025

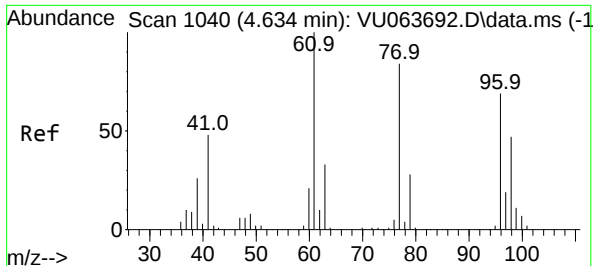
Tgt Ion: 43 Resp: 501090
Ion Ratio Lower Upper
43 100
72 27.8 22.0 33.0



#26
2,2-Dichloropropane
Concen: 46.283 ug/l
RT: 4.627 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VU063696.D
Acq: 10 Nov 2025 15:38

Tgt Ion: 77 Resp: 154569
Ion Ratio Lower Upper
77 100
97 22.4 10.9 32.9

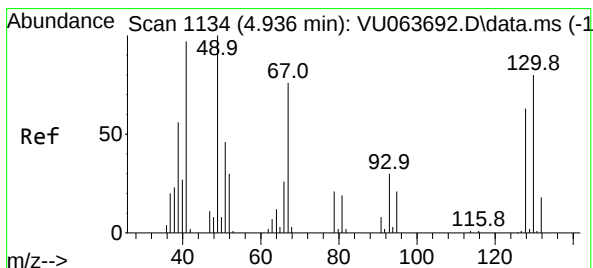
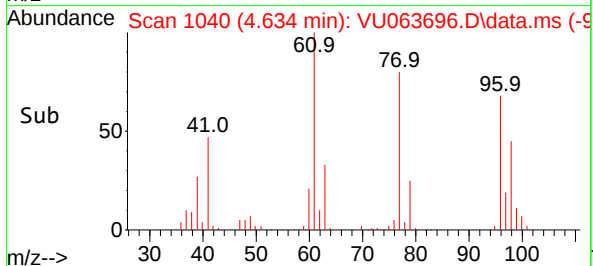
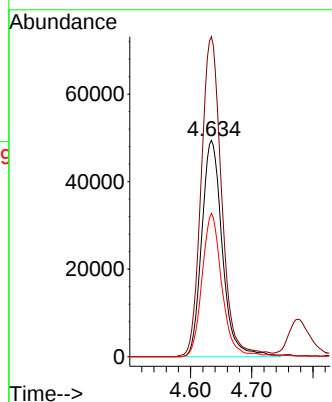
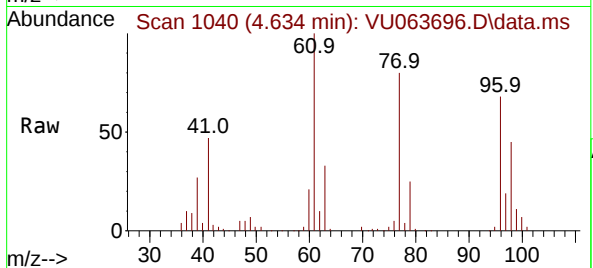




#27
 cis-1,2-Dichloroethene
 Concen: 46.888 ug/l
 RT: 4.634 min Scan# 1104
 Delta R.T. -0.000 min
 Lab File: VU063696.D
 Acq: 10 Nov 2025 15:38

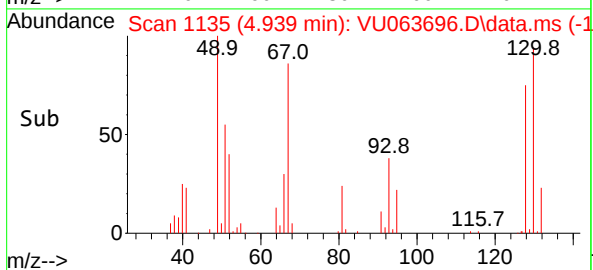
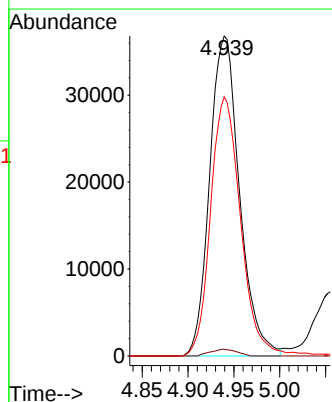
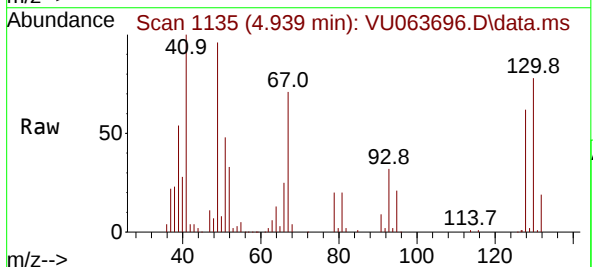
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU111025

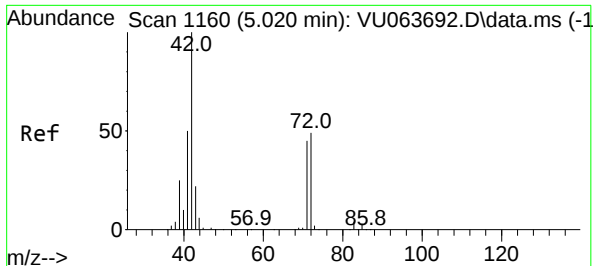
Tgt Ion: 96 Resp: 115435
 Ion Ratio Lower Upper
 96 100
 61 147.3 0.0 295.4
 98 63.6 0.0 131.8



#28
 Bromochloromethane
 Concen: 53.593 ug/l
 RT: 4.939 min Scan# 1135
 Delta R.T. 0.003 min
 Lab File: VU063696.D
 Acq: 10 Nov 2025 15:38

Tgt Ion: 49 Resp: 83396
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.6
 130 80.8 65.1 97.7

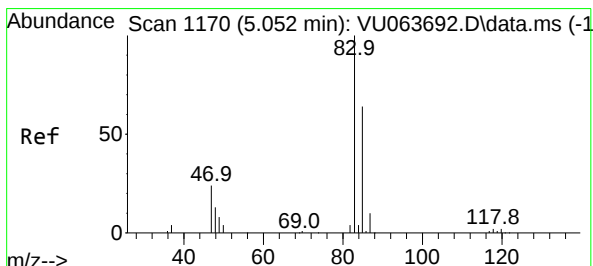
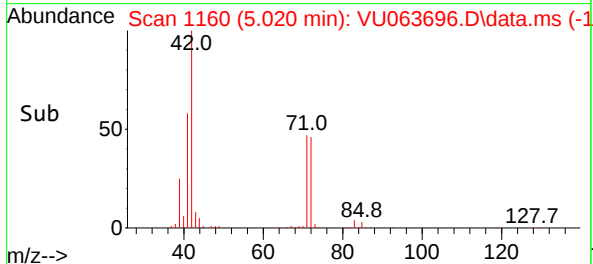
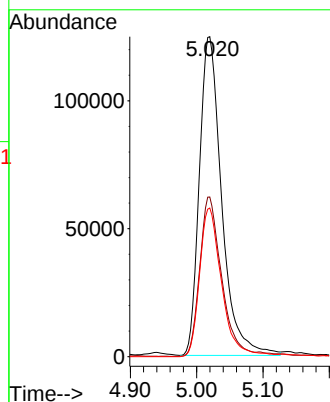
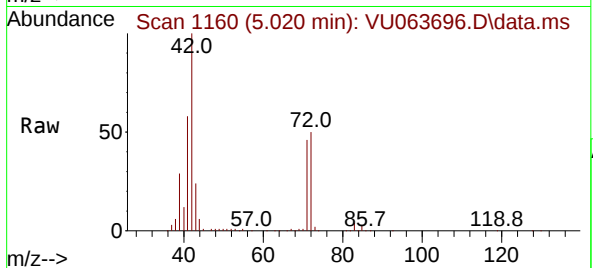




#29
Tetrahydrofuran
Concen: 233.427 ug/l
RT: 5.020 min Scan# 1160
Delta R.T. -0.000 min
Lab File: VU063696.D
Acq: 10 Nov 2025 15:38

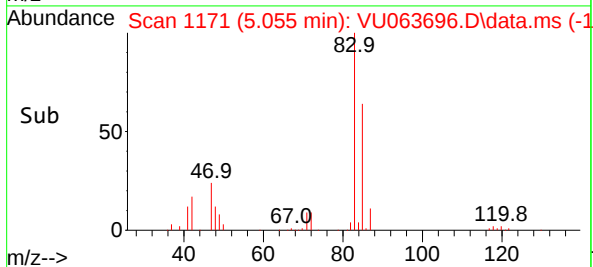
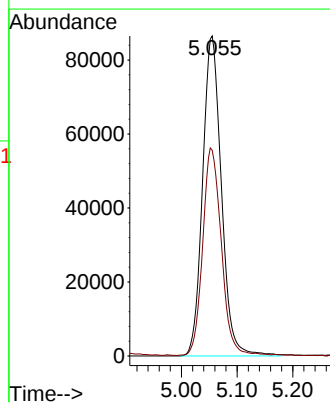
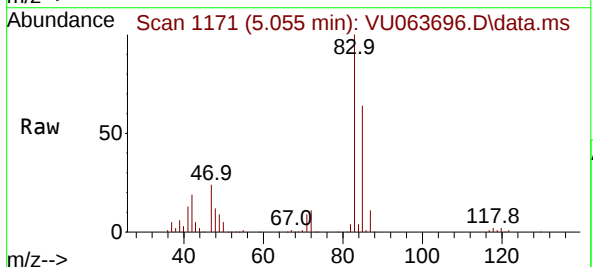
Instrument :
MSVOA_U
ClientSampleId :
ICVVU111025

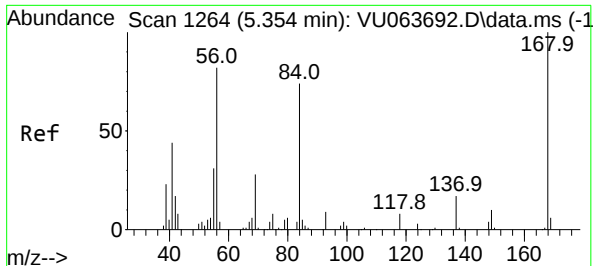
Tgt Ion: 42 Resp: 291622
Ion Ratio Lower Upper
42 100
72 49.9 40.0 60.0
71 46.0 37.4 56.0



#30
Chloroform
Concen: 47.668 ug/l
RT: 5.055 min Scan# 1171
Delta R.T. 0.003 min
Lab File: VU063696.D
Acq: 10 Nov 2025 15:38

Tgt Ion: 83 Resp: 203070
Ion Ratio Lower Upper
83 100
85 64.0 51.0 76.6

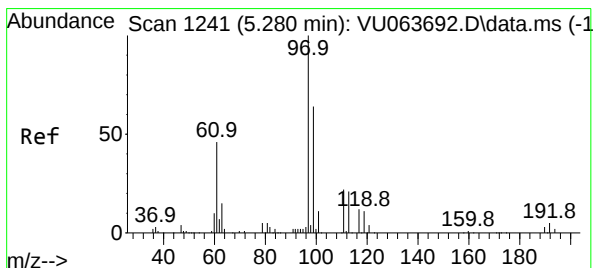
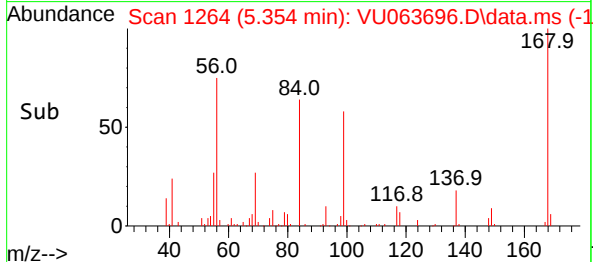
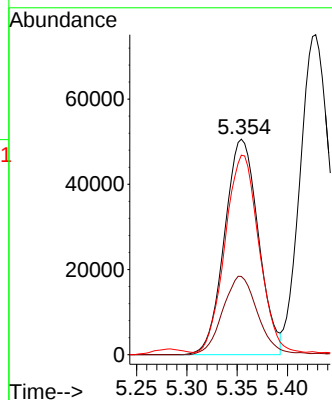
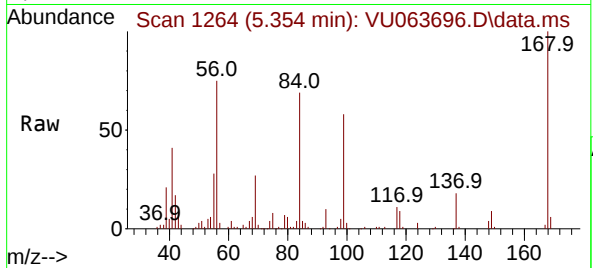




#31
Cyclohexane
Concen: 47.817 ug/l
RT: 5.354 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU063696.D
Acq: 10 Nov 2025 15:38

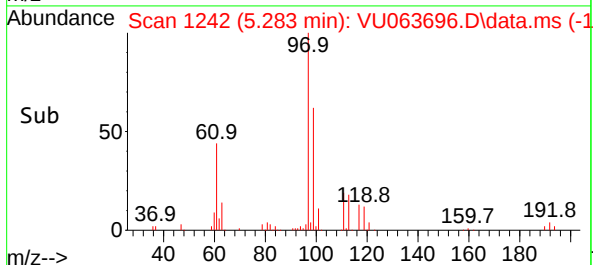
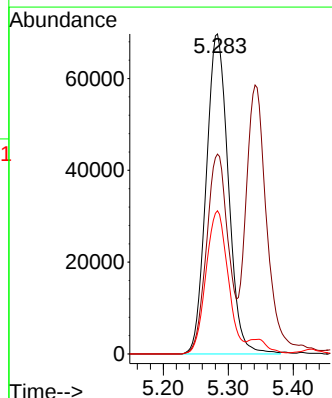
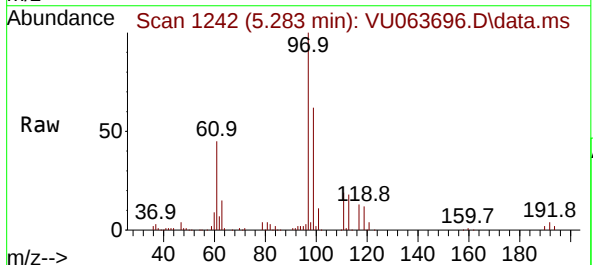
Instrument :
MSVOA_U
ClientSampleId :
ICVVU111025

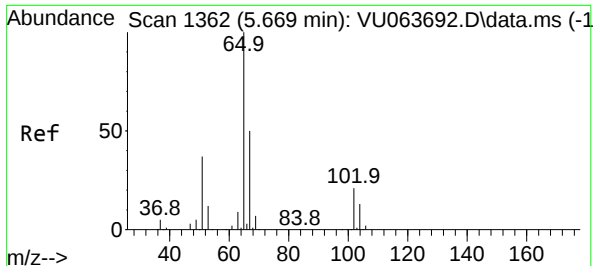
Tgt Ion: 56 Resp: 118788
Ion Ratio Lower Upper
56 100
69 36.3 27.0 40.6
84 90.3 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 47.222 ug/l
RT: 5.283 min Scan# 1242
Delta R.T. 0.003 min
Lab File: VU063696.D
Acq: 10 Nov 2025 15:38

Tgt Ion: 97 Resp: 165076
Ion Ratio Lower Upper
97 100
99 60.8 49.8 74.8
61 44.7 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 46.968 ug/l

RT: 5.669 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU063696.D

Acq: 10 Nov 2025 15:38

Instrument :

MSVOA_U

ClientSampleId :

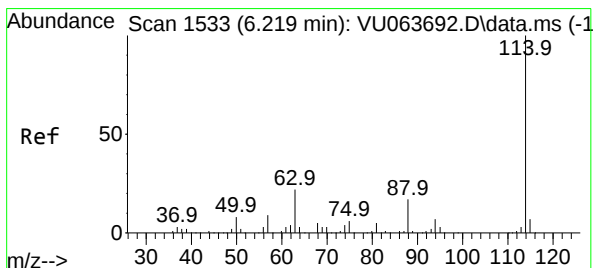
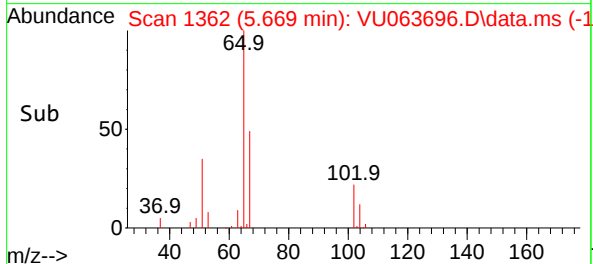
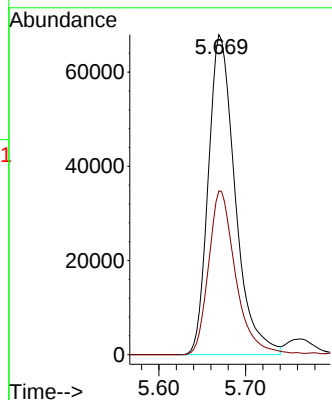
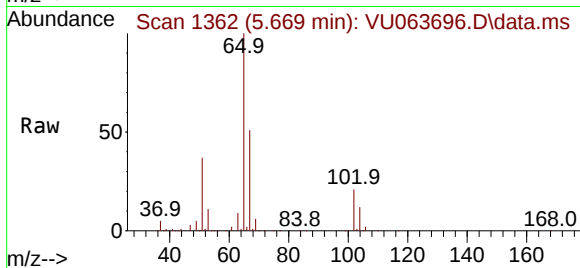
ICVVU111025

Tgt Ion: 65 Resp: 146457

Ion Ratio Lower Upper

65 100

67 51.6 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: VU063696.D

Acq: 10 Nov 2025 15:38

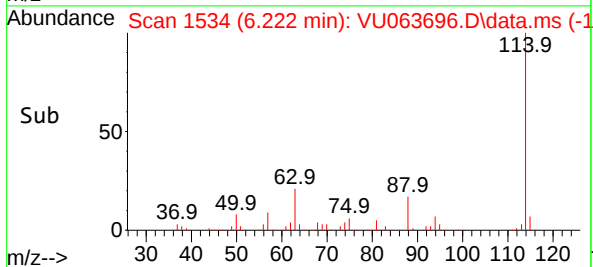
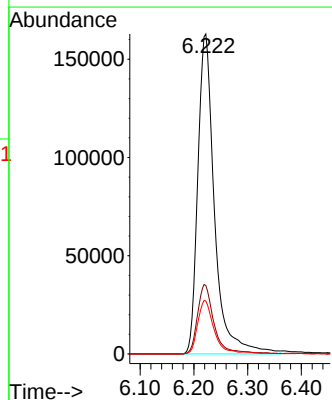
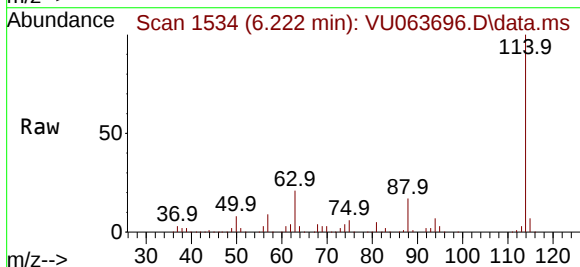
Tgt Ion: 114 Resp: 351509

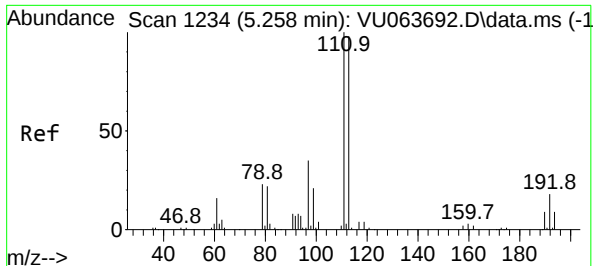
Ion Ratio Lower Upper

114 100

63 21.4 0.0 44.0

88 16.6 0.0 33.6

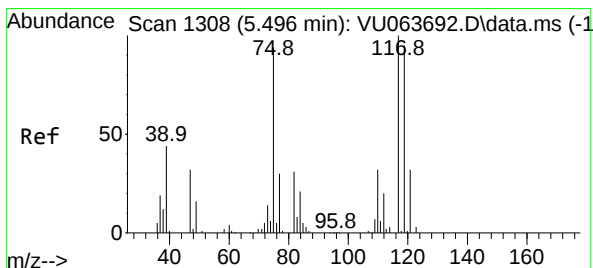
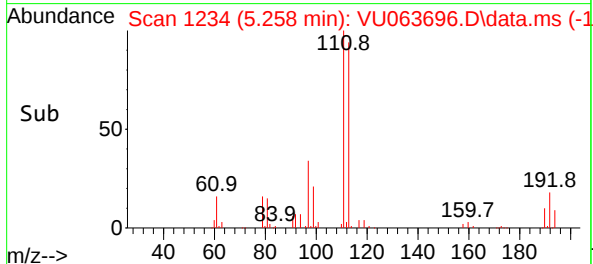
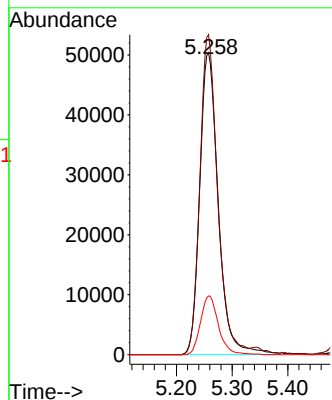
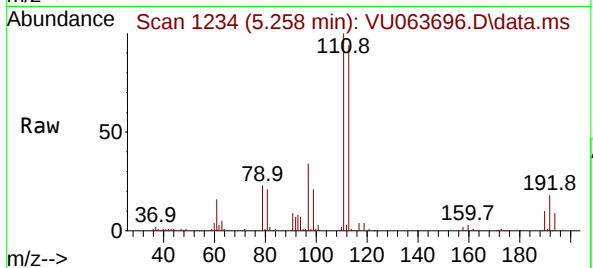




#35
Dibromofluoromethane
Concen: 47.350 ug/l
RT: 5.258 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU063696.D
Acq: 10 Nov 2025 15:38

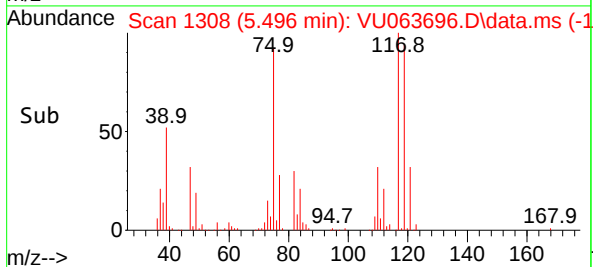
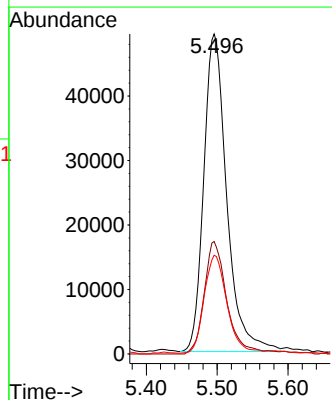
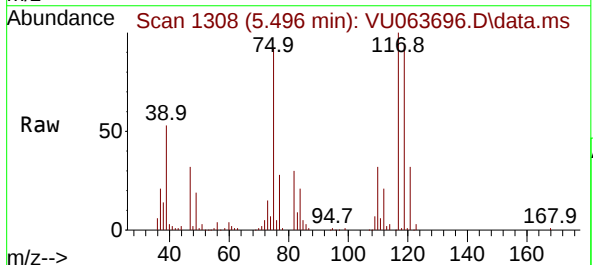
Instrument :
MSVOA_U
ClientSampleId :
ICVVU111025

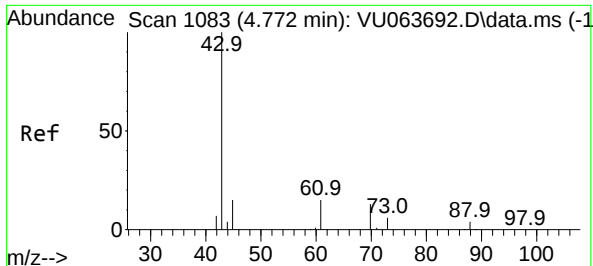
Tgt Ion:113 Resp: 116574
Ion Ratio Lower Upper
113 100
111 101.2 82.4 123.6
192 18.9 15.4 23.0



#36
1,1-Dichloropropene
Concen: 44.320 ug/l
RT: 5.496 min Scan# 1308
Delta R.T. -0.000 min
Lab File: VU063696.D
Acq: 10 Nov 2025 15:38

Tgt Ion: 75 Resp: 111057
Ion Ratio Lower Upper
75 100
110 34.5 17.3 51.7
77 30.5 24.4 36.6





#37

Ethyl Acetate

Concen: 43.815 ug/l

RT: 4.775 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063696.D

Acq: 10 Nov 2025 15:38

Instrument :

MSVOA_U

ClientSampleId :

ICVVU111025

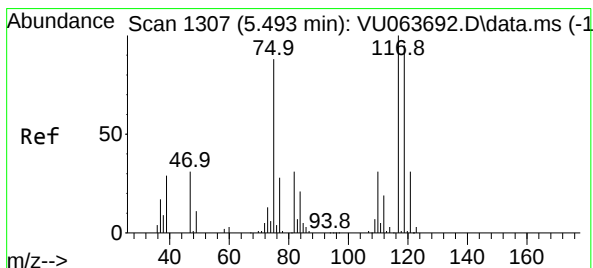
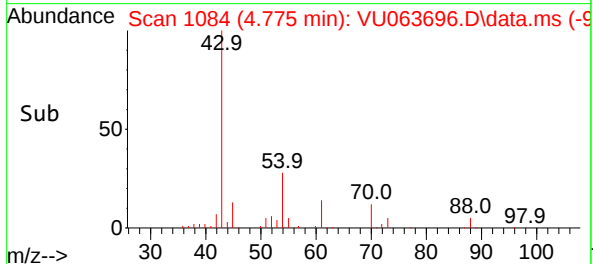
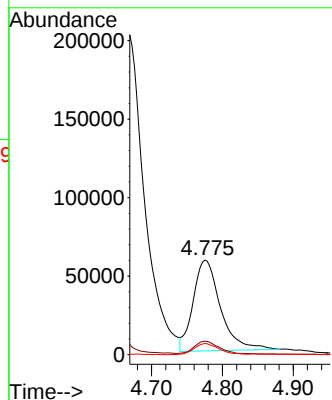
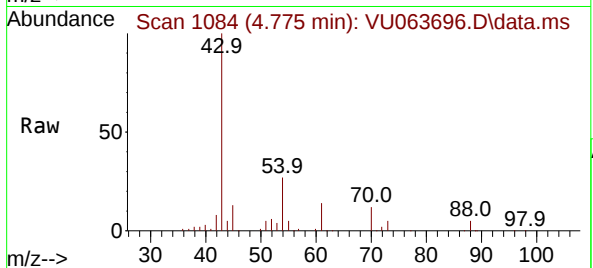
Tgt Ion: 43 Resp: 155462

Ion Ratio Lower Upper

43 100

61 13.4 10.3 15.5

70 11.2 8.9 13.3



#38

Carbon Tetrachloride

Concen: 45.387 ug/l

RT: 5.492 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VU063696.D

Acq: 10 Nov 2025 15:38

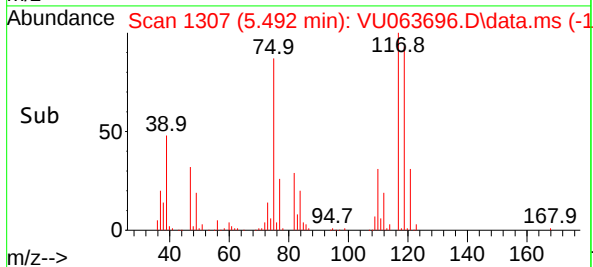
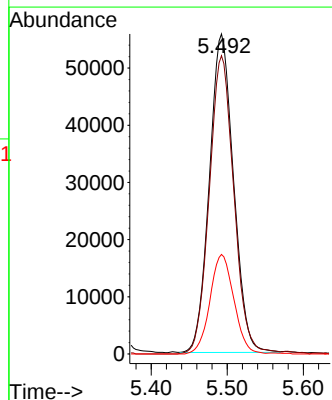
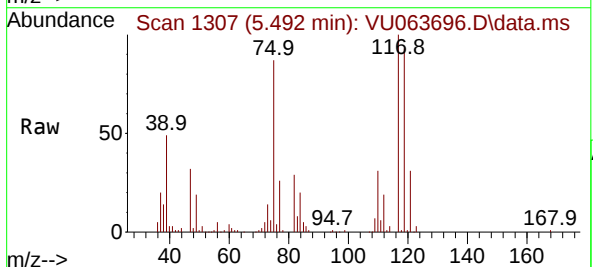
Tgt Ion: 117 Resp: 122921

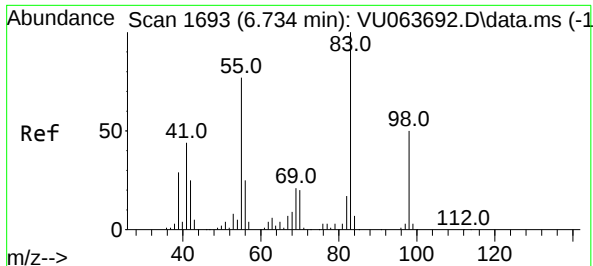
Ion Ratio Lower Upper

117 100

119 93.5 76.1 114.1

121 31.2 24.6 37.0





#39

Methylcyclohexane

Concen: 45.666 ug/l

RT: 6.733 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063696.D

Acq: 10 Nov 2025 15:38

Instrument :

MSVOA_U

ClientSampleId :

ICVVU111025

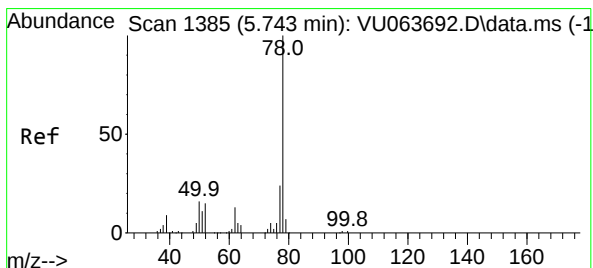
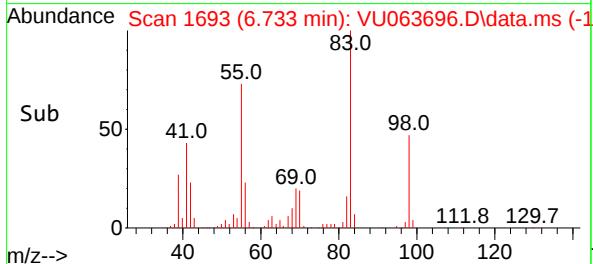
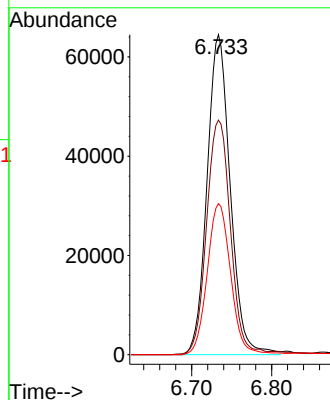
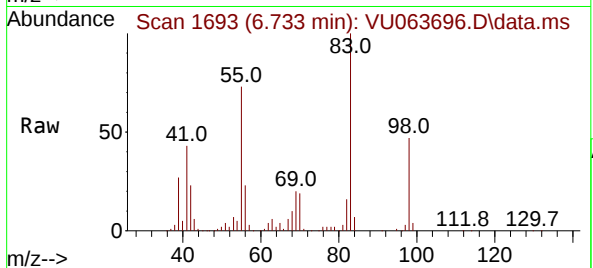
Tgt Ion: 83 Resp: 129917

Ion Ratio Lower Upper

83 100

55 73.0 61.6 92.4

98 47.2 40.0 60.0



#40

Benzene

Concen: 45.283 ug/l

RT: 5.743 min Scan# 1385

Delta R.T. -0.000 min

Lab File: VU063696.D

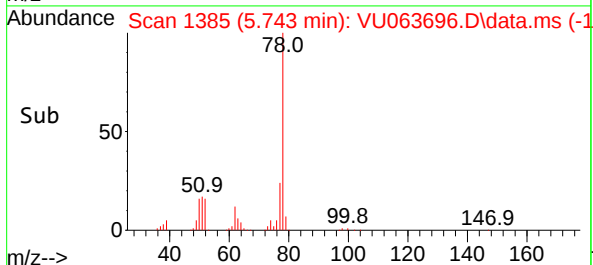
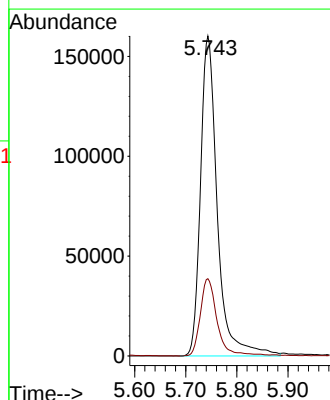
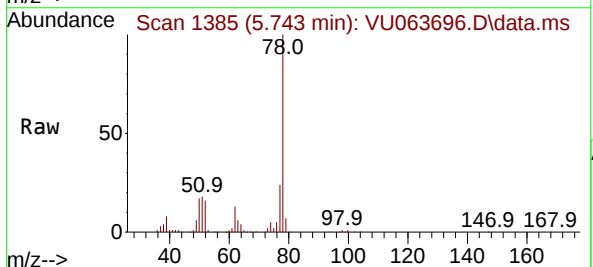
Acq: 10 Nov 2025 15:38

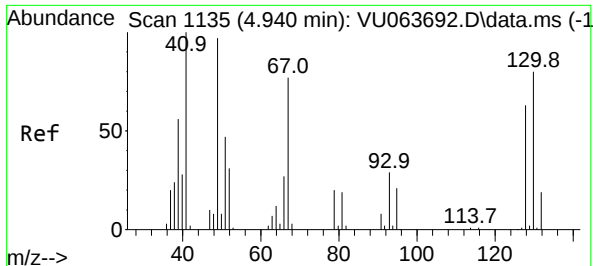
Tgt Ion: 78 Resp: 366169

Ion Ratio Lower Upper

78 100

77 24.1 18.9 28.3

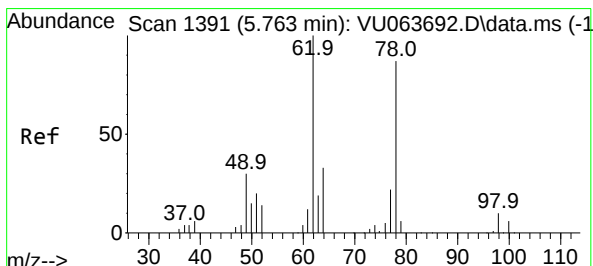
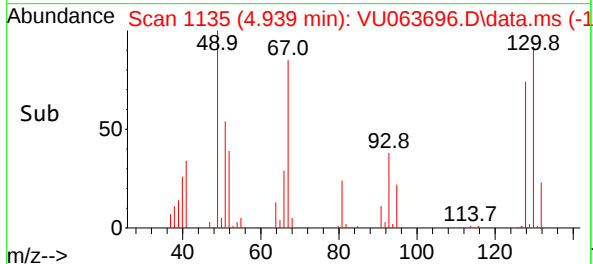
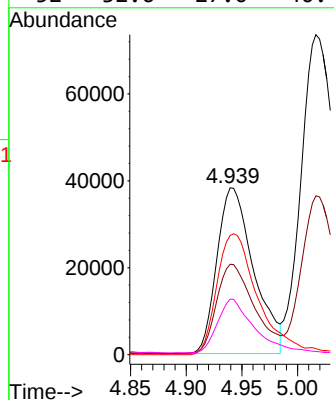
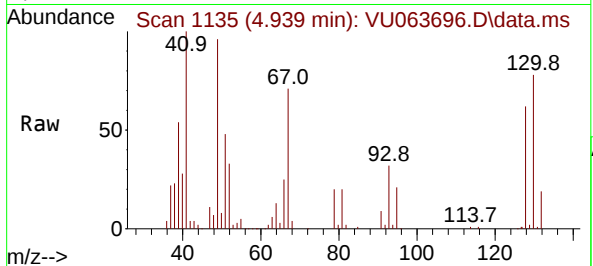




#41
Methacrylonitrile
Concen: 47.520 ug/l
RT: 4.939 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VU063696.D
Acq: 10 Nov 2025 15:38

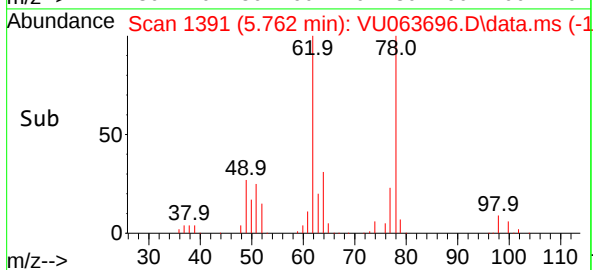
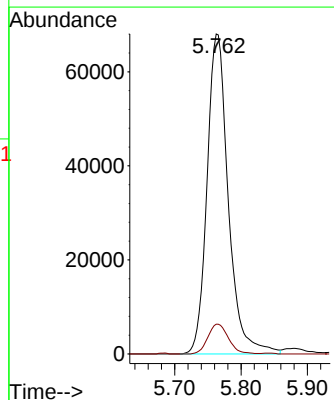
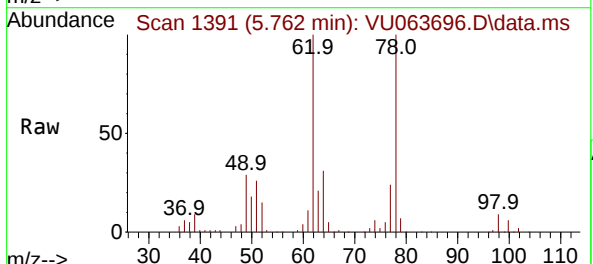
Instrument :
MSVOA_U
ClientSampleId :
ICVVU111025

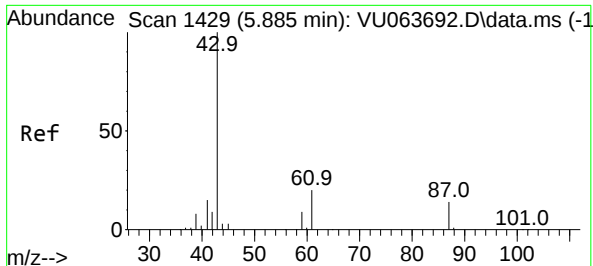
Tgt Ion: 41 Resp: 87629
Ion Ratio Lower Upper
41 100
39 55.9 44.7 67.1
67 83.1 67.4 101.2
52 32.6 27.0 40.4



#42
1,2-Dichloroethane
Concen: 47.517 ug/l
RT: 5.762 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VU063696.D
Acq: 10 Nov 2025 15:38

Tgt Ion: 62 Resp: 151542
Ion Ratio Lower Upper
62 100
98 9.1 0.0 18.2

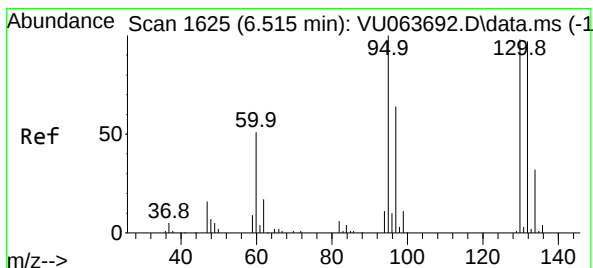
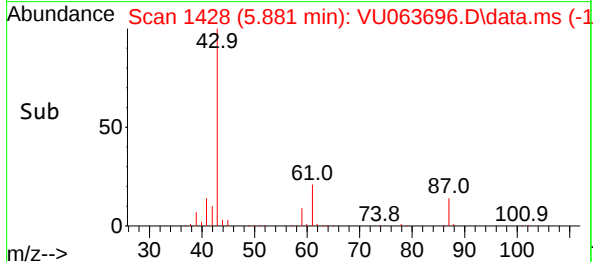
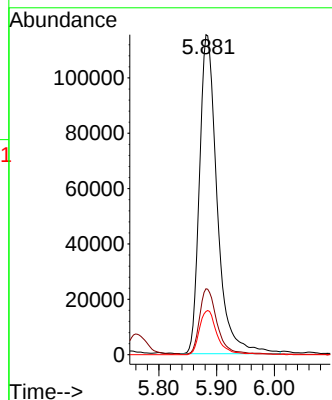
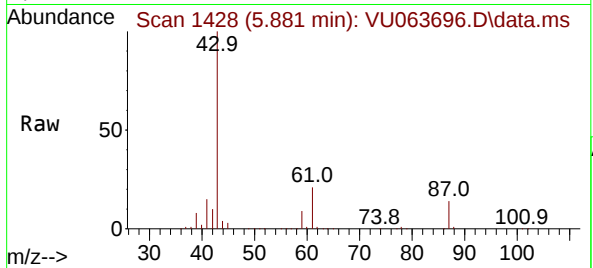




#43
Isopropyl Acetate
Concen: 47.170 ug/l
RT: 5.881 min Scan# 1429
Delta R.T. -0.003 min
Lab File: VU063696.D
Acq: 10 Nov 2025 15:38

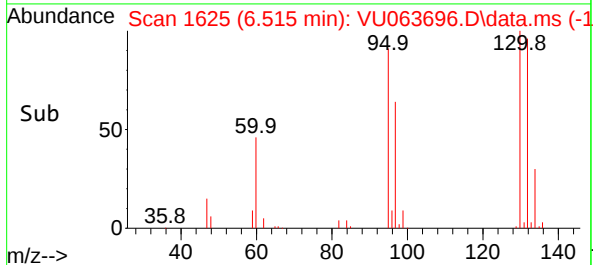
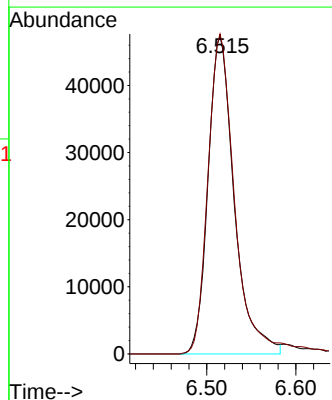
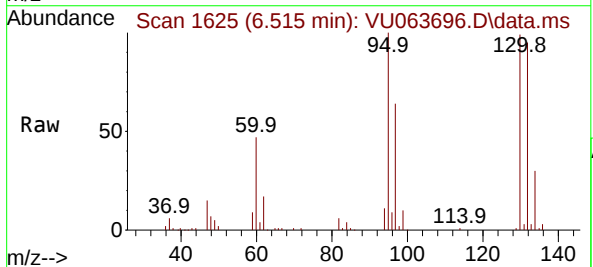
Instrument : MSVOA_U
ClientSampleId : ICVVU111025

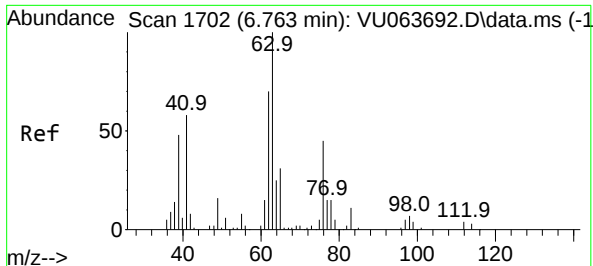
Tgt Ion: 43 Resp: 245313
Ion Ratio Lower Upper
43 100
61 20.1 15.9 23.9
87 13.7 11.0 16.6



#44
Trichloroethene
Concen: 42.581 ug/l
RT: 6.515 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VU063696.D
Acq: 10 Nov 2025 15:38

Tgt Ion:130 Resp: 96601
Ion Ratio Lower Upper
130 100
95 100.7 0.0 203.6





#45

1,2-Dichloropropane

Concen: 47.101 ug/l

RT: 6.759 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU063696.D

Acq: 10 Nov 2025 15:38

Instrument :

MSVOA_U

ClientSampleId :

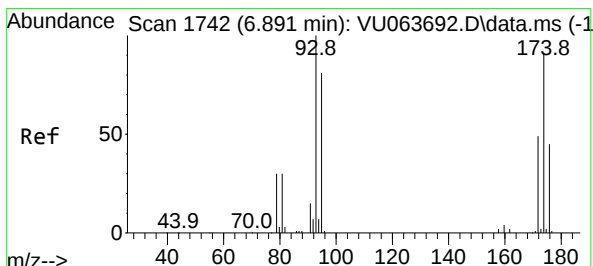
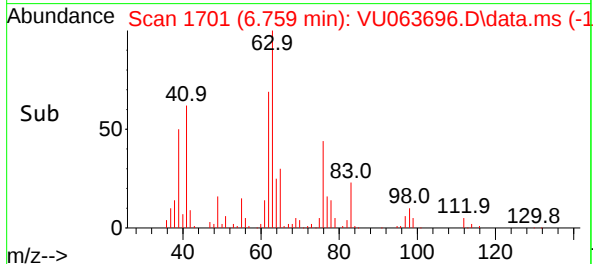
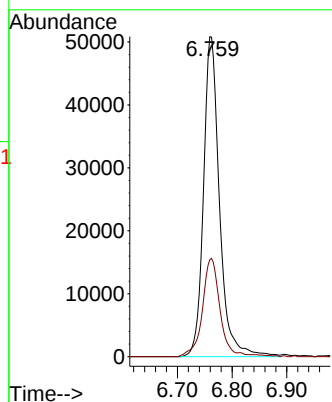
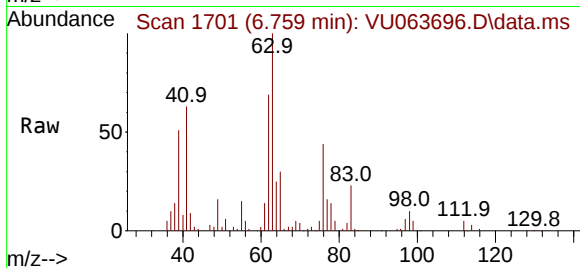
ICVVU111025

Tgt Ion: 63 Resp: 103535

Ion Ratio Lower Upper

63 100

65 30.3 24.9 37.3



#46

Dibromomethane

Concen: 47.456 ug/l

RT: 6.891 min Scan# 1742

Delta R.T. -0.000 min

Lab File: VU063696.D

Acq: 10 Nov 2025 15:38

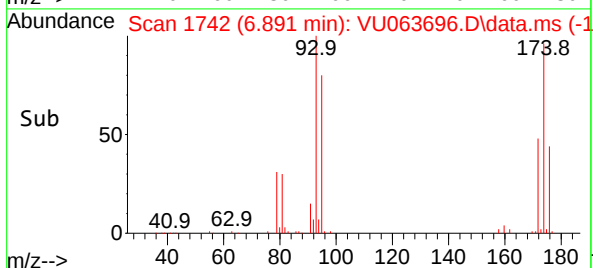
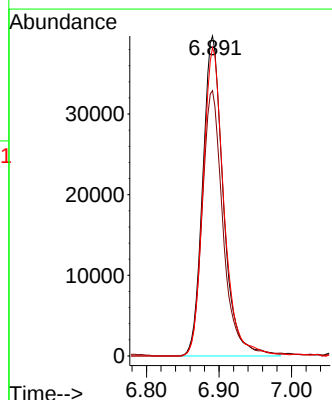
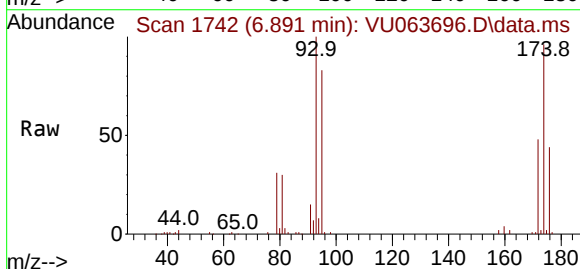
Tgt Ion: 93 Resp: 78328

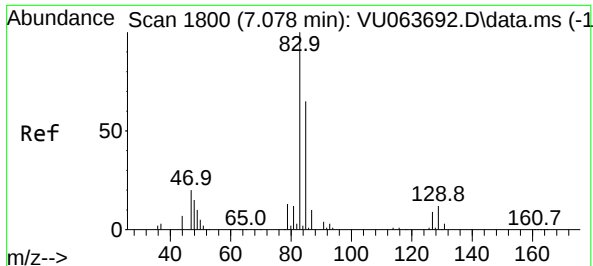
Ion Ratio Lower Upper

93 100

95 84.5 65.9 98.9

174 97.6 74.9 112.3





#47

Bromodichloromethane

Concen: 47.728 ug/l

RT: 7.078 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU063696.D

Acq: 10 Nov 2025 15:38

Instrument :

MSVOA_U

ClientSampleId :

ICVVU111025

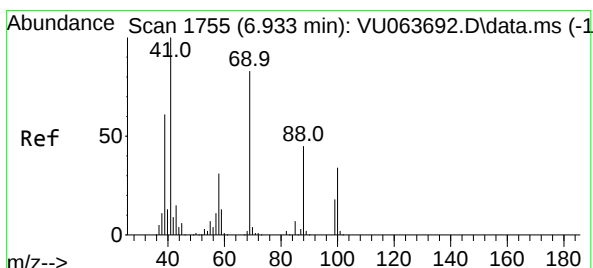
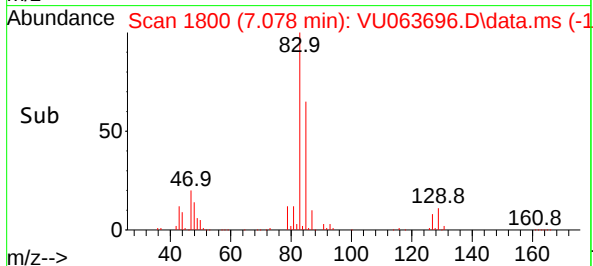
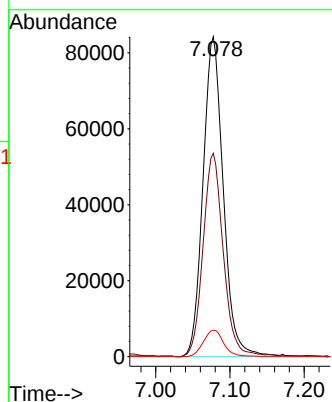
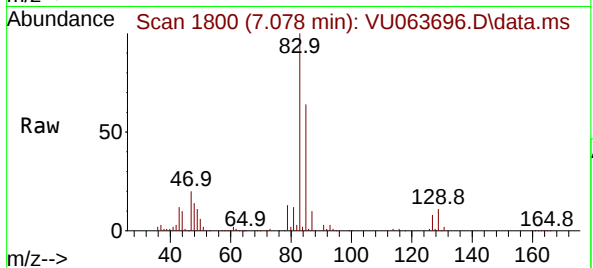
Tgt Ion: 83 Resp: 159710

Ion Ratio Lower Upper

83 100

85 63.6 51.9 77.9

127 8.3 6.9 10.3



#48

Methyl methacrylate

Concen: 47.724 ug/l

RT: 6.933 min Scan# 1755

Delta R.T. -0.000 min

Lab File: VU063696.D

Acq: 10 Nov 2025 15:38

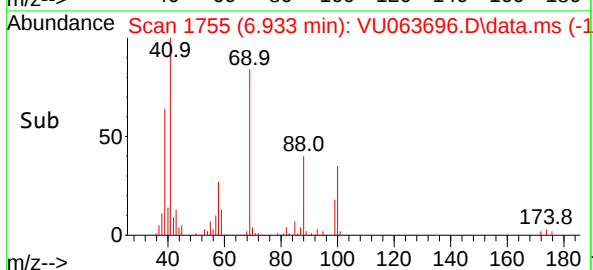
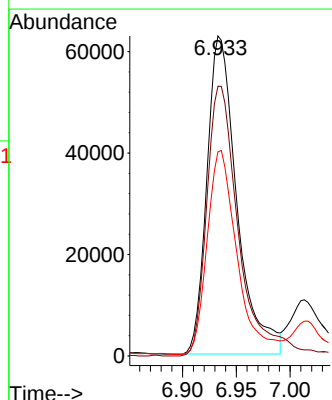
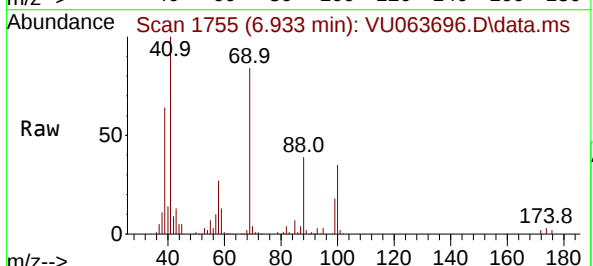
Tgt Ion: 41 Resp: 121828

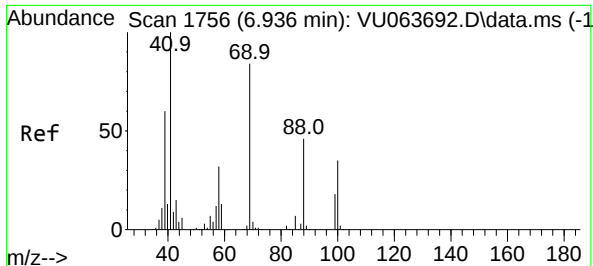
Ion Ratio Lower Upper

41 100

69 91.6 72.9 109.3

39 63.8 51.0 76.4

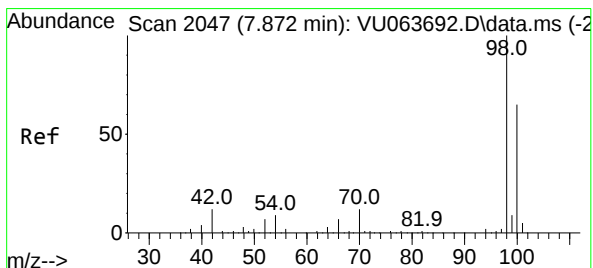
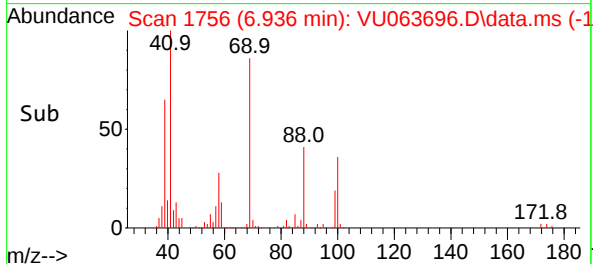
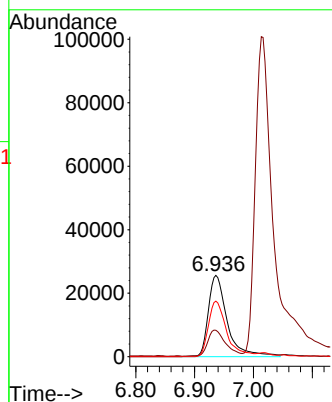
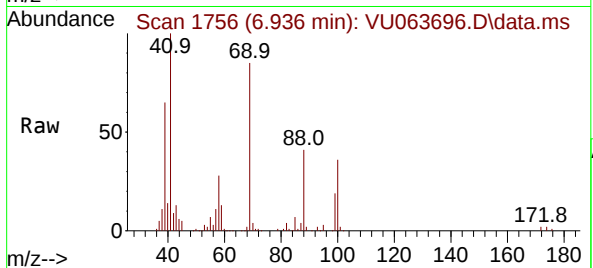




#49
1,4-Dioxane
Concen: 844.946 ug/l
RT: 6.936 min Scan# 1756
Delta R.T. -0.000 min
Lab File: VU063696.D
Acq: 10 Nov 2025 15:38

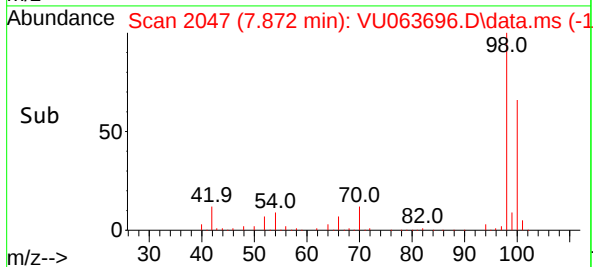
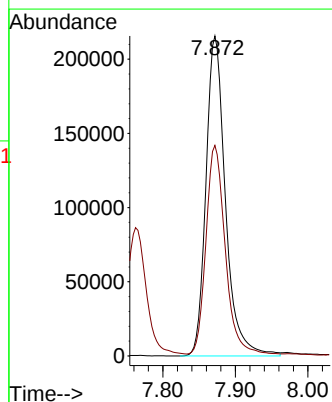
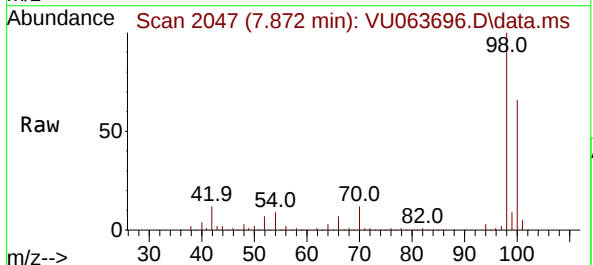
Instrument :
MSVOA_U
ClientSampleId :
ICVVU111025

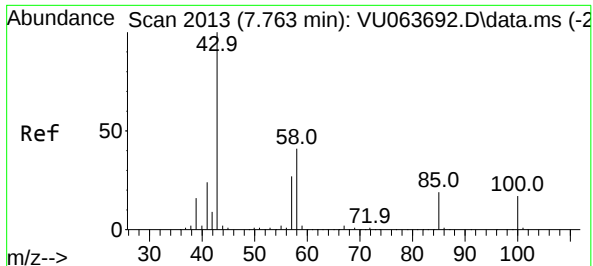
Tgt Ion: 88 Resp: 57145
Ion Ratio Lower Upper
88 100
43 30.5 24.1 36.1
58 65.6 54.2 81.4



#50
Toluene-d8
Concen: 45.660 ug/l
RT: 7.872 min Scan# 2047
Delta R.T. -0.000 min
Lab File: VU063696.D
Acq: 10 Nov 2025 15:38

Tgt Ion: 98 Resp: 403845
Ion Ratio Lower Upper
98 100
100 64.5 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 234.159 ug/l

RT: 7.762 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VU063696.D

Acq: 10 Nov 2025 15:38

Instrument :

MSVOA_U

ClientSampleId :

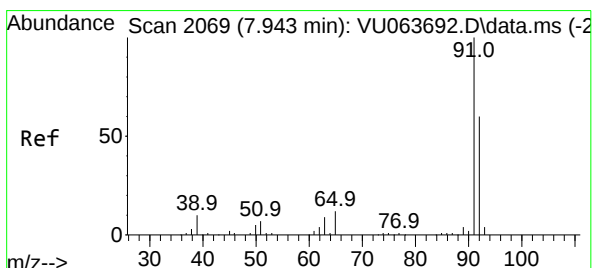
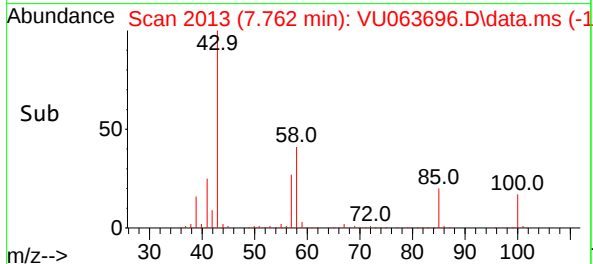
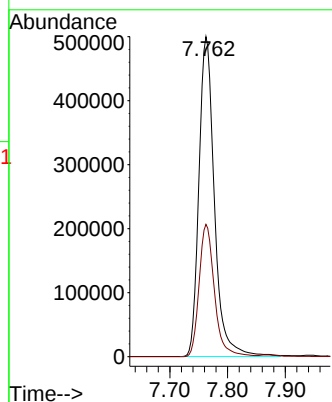
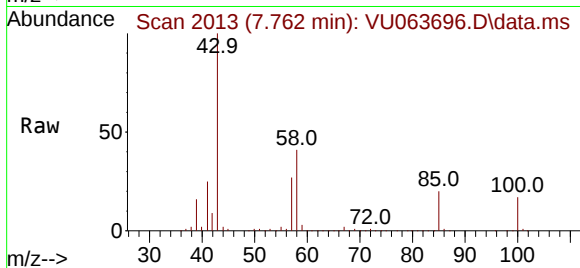
ICVVU111025

Tgt Ion: 43 Resp: 931884

Ion Ratio Lower Upper

43 100

58 41.0 32.3 48.5



#52

Toluene

Concen: 46.836 ug/l

RT: 7.942 min Scan# 2069

Delta R.T. -0.000 min

Lab File: VU063696.D

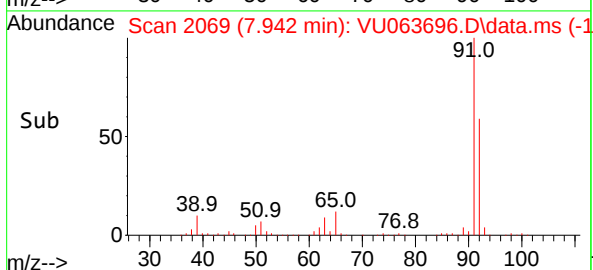
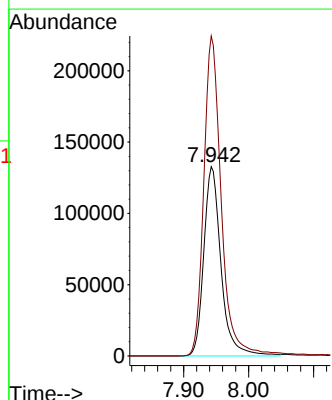
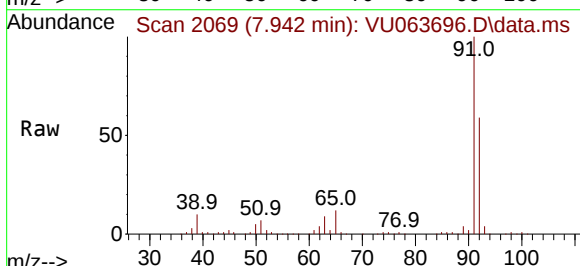
Acq: 10 Nov 2025 15:38

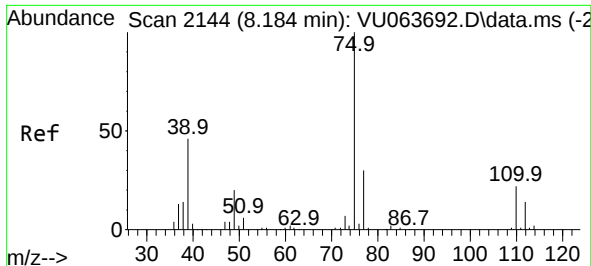
Tgt Ion: 92 Resp: 245784

Ion Ratio Lower Upper

92 100

91 171.0 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 46.355 ug/l

RT: 8.184 min Scan# 2144

Delta R.T. -0.000 min

Lab File: VU063696.D

Acq: 10 Nov 2025 15:38

Instrument :

MSVOA_U

ClientSampleId :

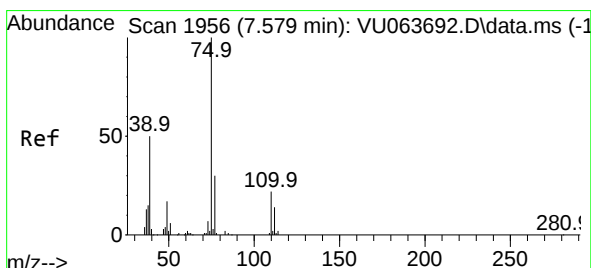
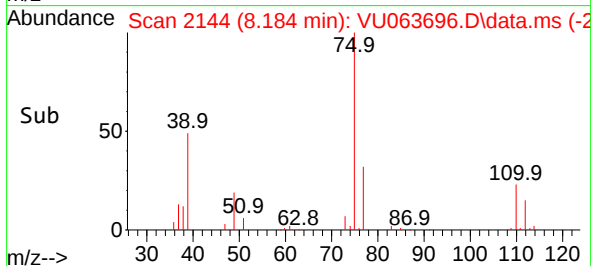
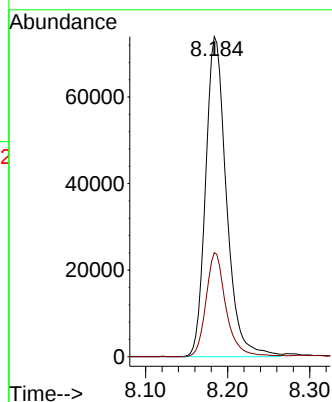
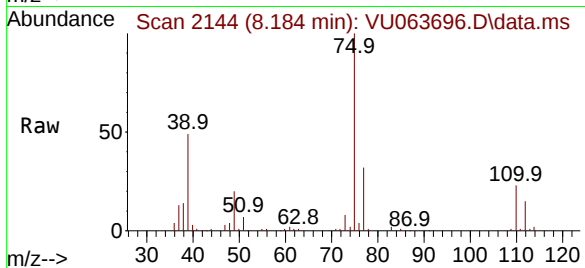
ICVVU111025

Tgt Ion: 75 Resp: 130622

Ion Ratio Lower Upper

75 100

77 32.5 24.3 36.5



#54

cis-1,3-Dichloropropene

Concen: 47.229 ug/l

RT: 7.582 min Scan# 1957

Delta R.T. 0.003 min

Lab File: VU063696.D

Acq: 10 Nov 2025 15:38

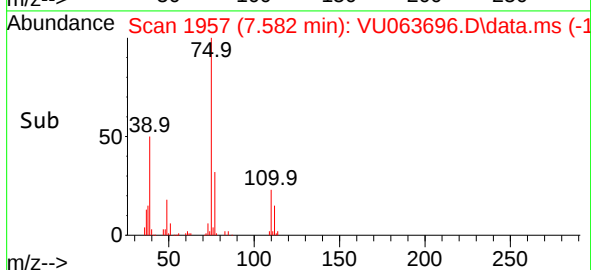
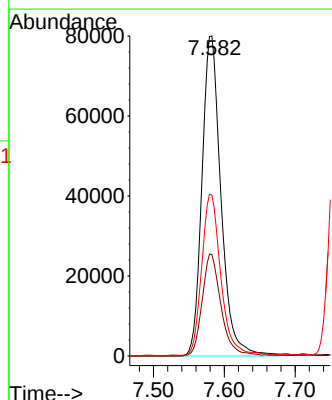
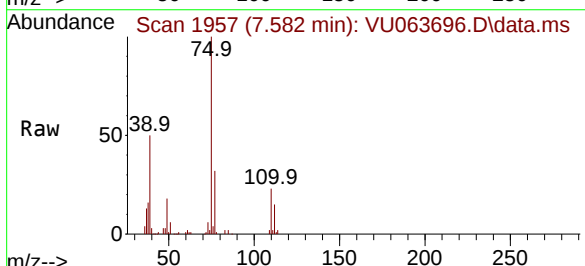
Tgt Ion: 75 Resp: 149165

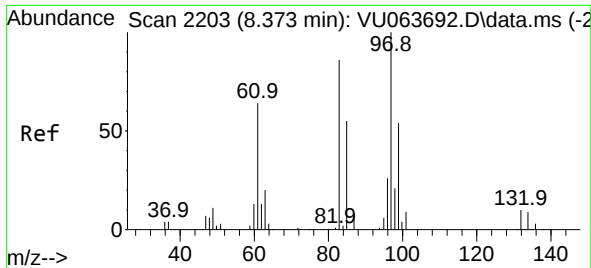
Ion Ratio Lower Upper

75 100

77 31.7 24.3 36.5

39 50.0 40.2 60.2

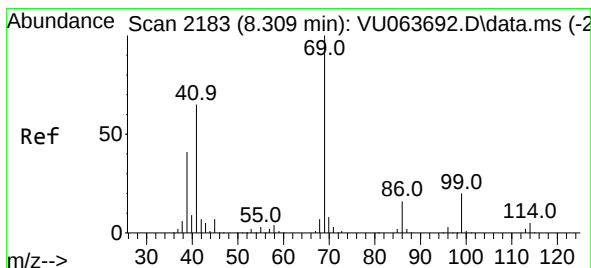
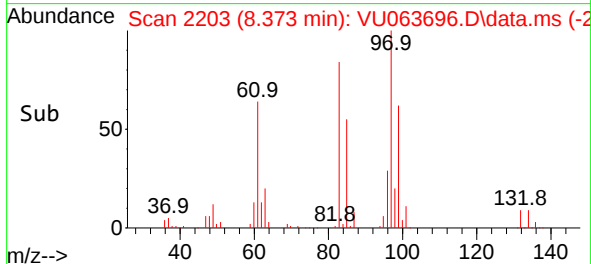
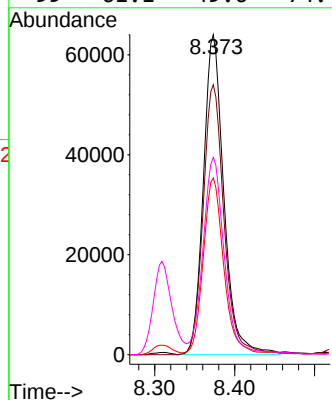
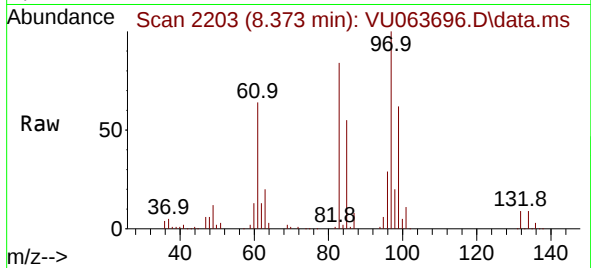




#55
1,1,2-Trichloroethane
Concen: 47.432 ug/l
RT: 8.373 min Scan# 2118
Delta R.T. -0.000 min
Lab File: VU063696.D
Acq: 10 Nov 2025 15:38

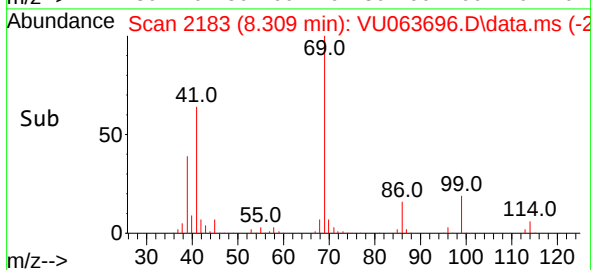
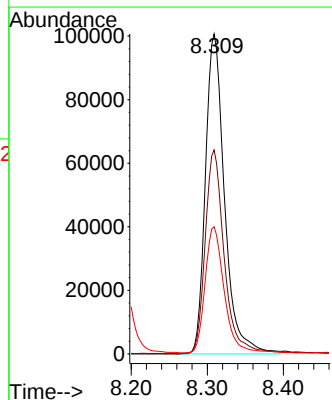
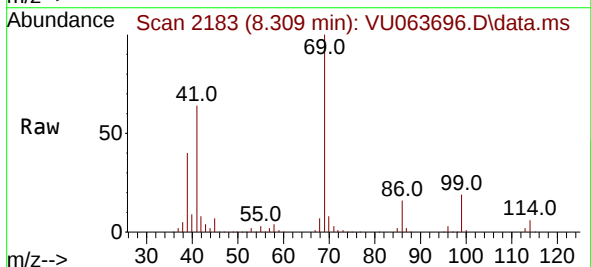
Instrument :
MSVOA_U
ClientSampleId :
ICVVU111025

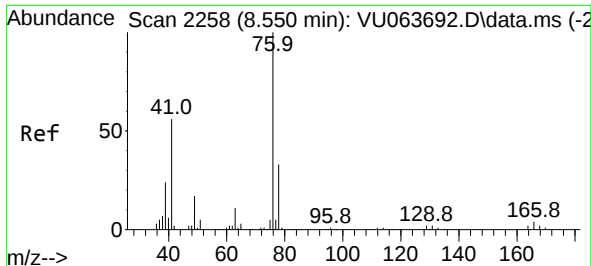
Tgt Ion:	97	Resp:	114226
Ion	Ratio	Lower	Upper
97	100		
83	84.2	69.0	103.4
85	54.8	44.2	66.4
99	61.1	49.6	74.4



#56
Ethyl methacrylate
Concen: 49.472 ug/l
RT: 8.309 min Scan# 2183
Delta R.T. -0.000 min
Lab File: VU063696.D
Acq: 10 Nov 2025 15:38

Tgt Ion:	69	Resp:	175789
Ion	Ratio	Lower	Upper
69	100		
41	64.0	51.4	77.2
39	39.5	32.2	48.4





#57

1,3-Dichloropropane

Concen: 46.807 ug/l

RT: 8.547 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU063696.D

Acq: 10 Nov 2025 15:38

Instrument :

MSVOA_U

ClientSampleId :

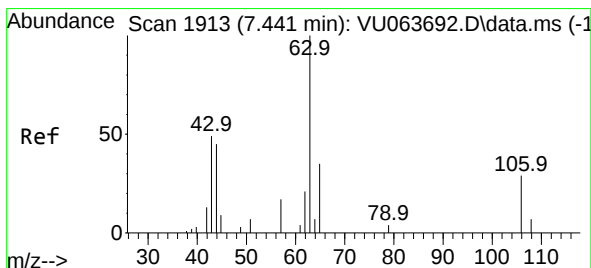
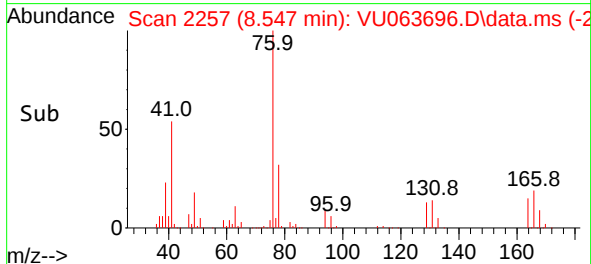
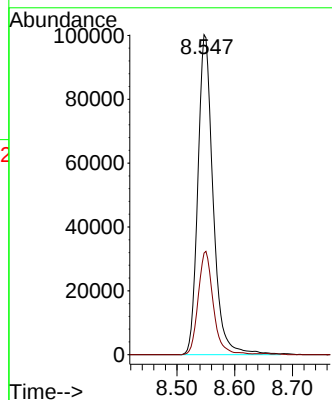
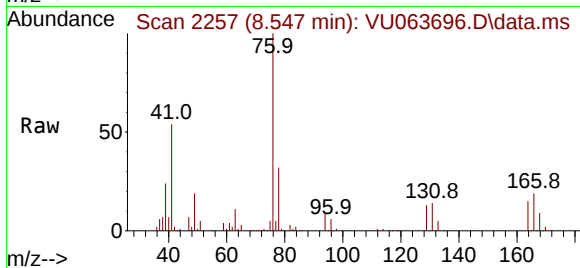
ICVVU111025

Tgt Ion: 76 Resp: 183895

Ion Ratio Lower Upper

76 100

78 32.0 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 168.182 ug/l

RT: 7.447 min Scan# 1915

Delta R.T. 0.006 min

Lab File: VU063696.D

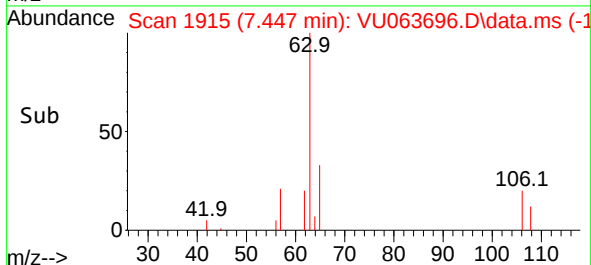
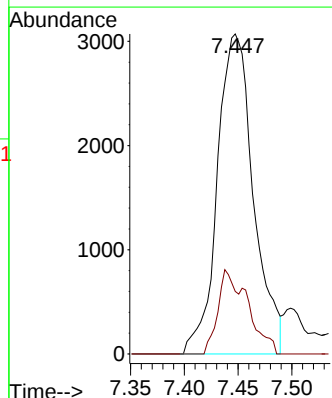
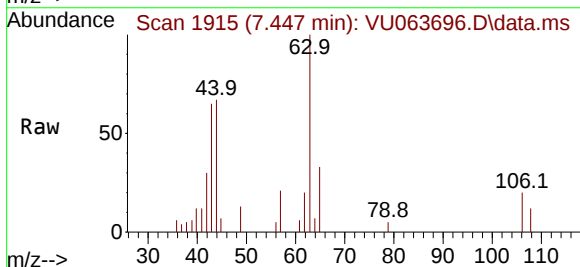
Acq: 10 Nov 2025 15:38

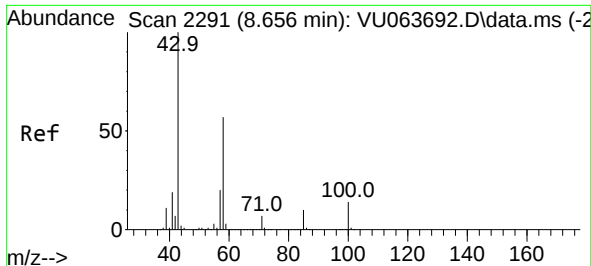
Tgt Ion: 63 Resp: 7186

Ion Ratio Lower Upper

63 100

106 13.5 15.8 23.8#

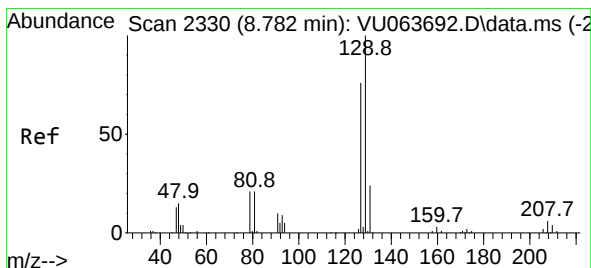
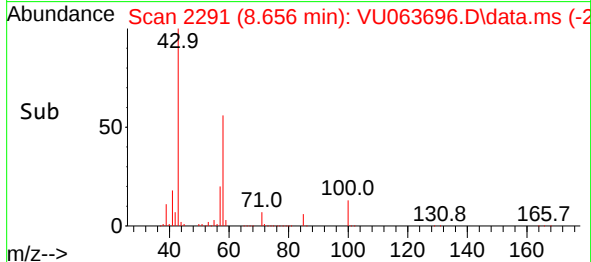
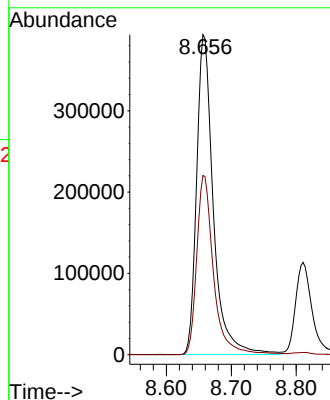
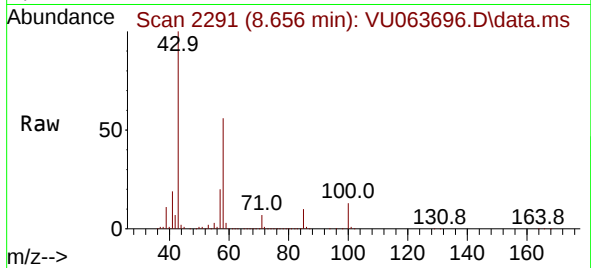




#59
2-Hexanone
Concen: 237.359 ug/l
RT: 8.656 min Scan# 2291
Delta R.T. -0.000 min
Lab File: VU063696.D
Acq: 10 Nov 2025 15:38

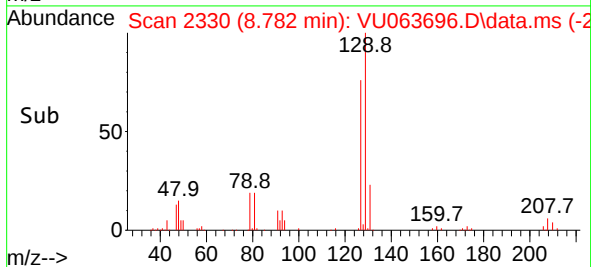
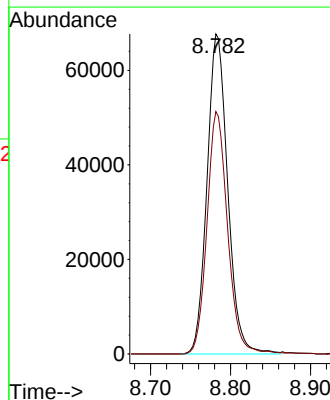
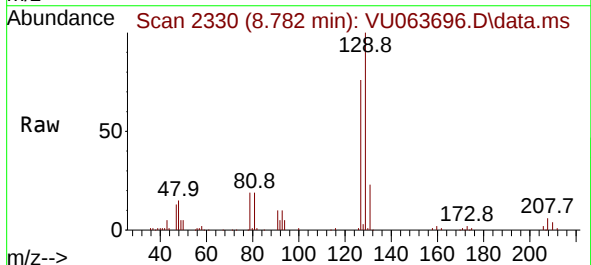
Instrument :
MSVOA_U
ClientSampleId :
ICVVU111025

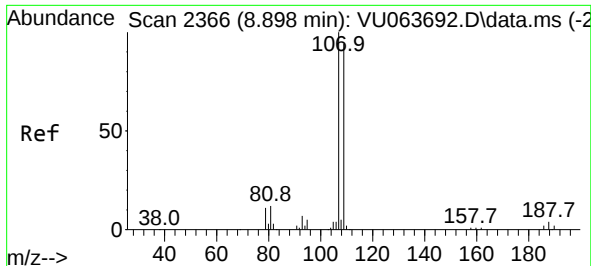
Tgt Ion: 43 Resp: 703565
Ion Ratio Lower Upper
43 100
58 56.5 28.4 85.3



#60
Dibromochloromethane
Concen: 48.327 ug/l
RT: 8.782 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VU063696.D
Acq: 10 Nov 2025 15:38

Tgt Ion:129 Resp: 121896
Ion Ratio Lower Upper
129 100
127 75.5 38.2 114.6

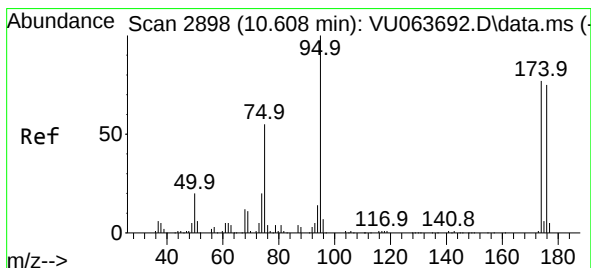
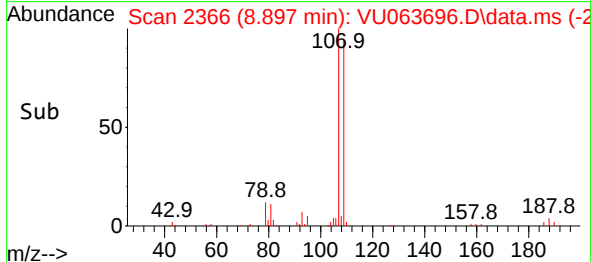
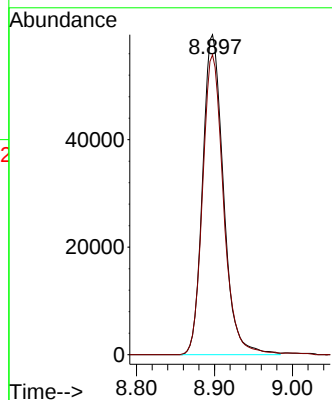
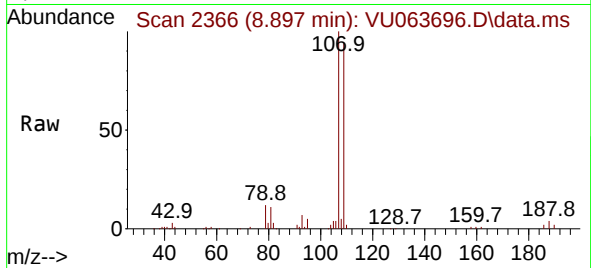




#61
1,2-Dibromoethane
Concen: 47.567 ug/l
RT: 8.897 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063696.D
Acq: 10 Nov 2025 15:38

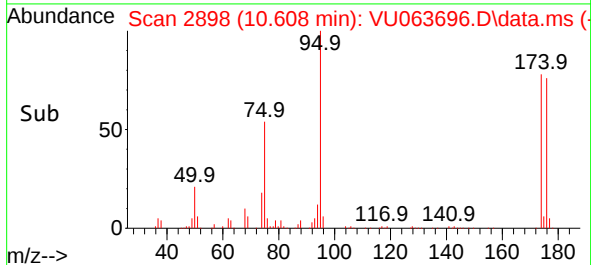
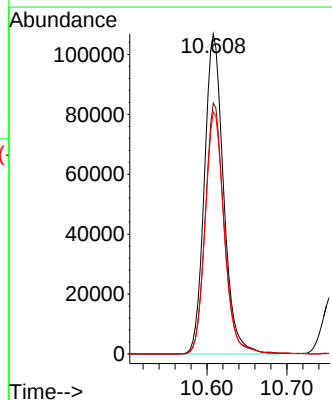
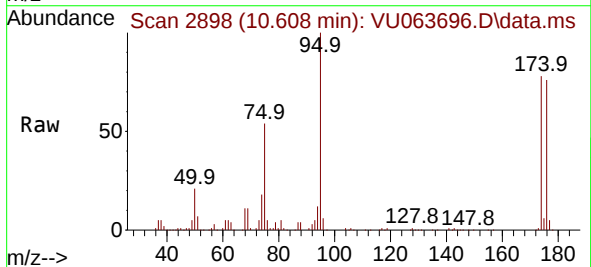
Instrument :
MSVOA_U
ClientSampleId :
ICVVU111025

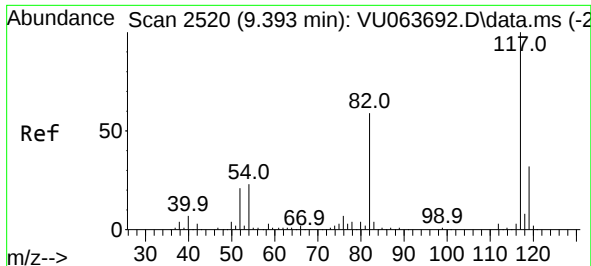
Tgt Ion:107 Resp: 110380
Ion Ratio Lower Upper
107 100
109 94.5 73.8 110.8



#62
4-Bromofluorobenzene
Concen: 48.755 ug/l
RT: 10.608 min Scan# 2898
Delta R.T. -0.000 min
Lab File: VU063696.D
Acq: 10 Nov 2025 15:38

Tgt Ion: 95 Resp: 178381
Ion Ratio Lower Upper
95 100
174 77.0 0.0 154.6
176 74.9 0.0 148.4

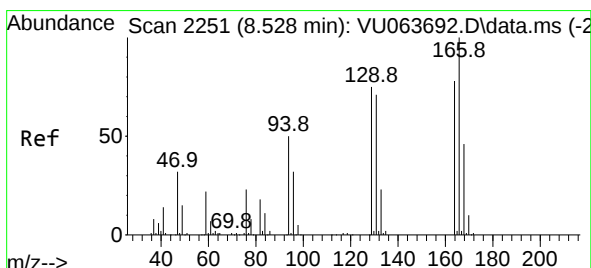
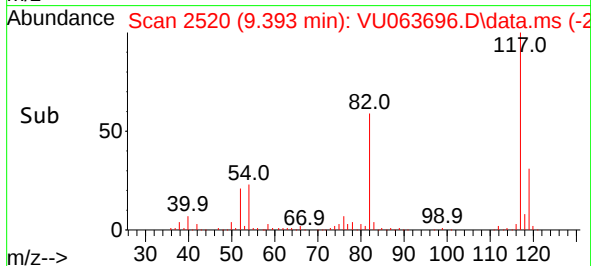
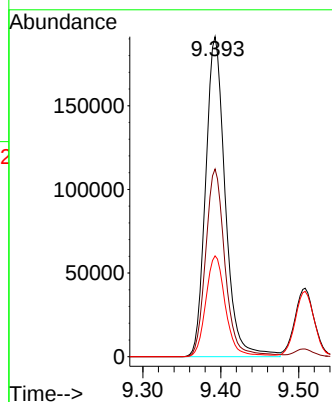
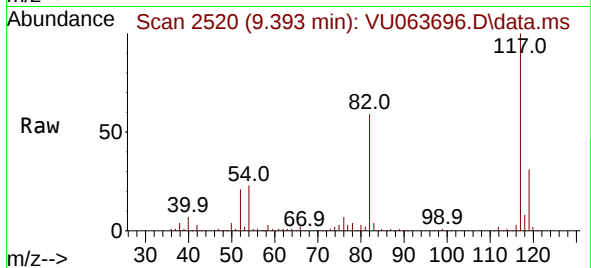




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.393 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VU063696.D
Acq: 10 Nov 2025 15:38

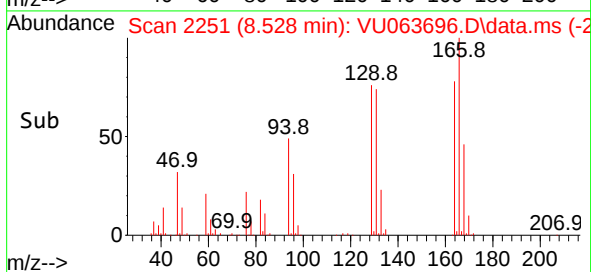
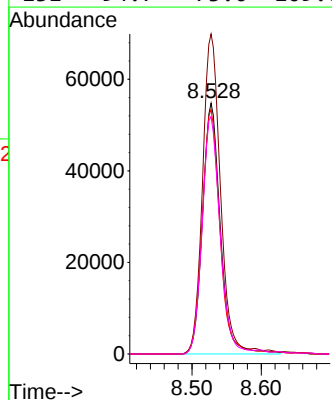
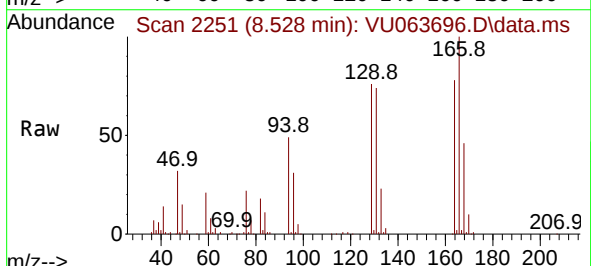
Instrument :
MSVOA_U
ClientSampleId :
ICVVU111025

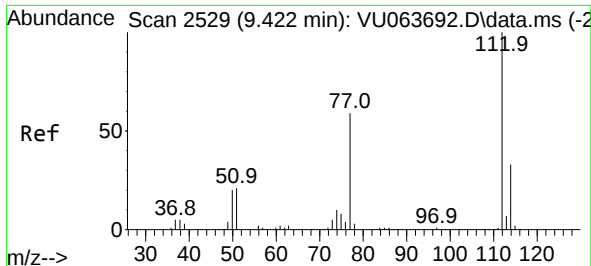
Tgt Ion:117 Resp: 334466
Ion Ratio Lower Upper
117 100
82 58.7 46.9 70.3
119 31.5 25.8 38.8



#64
Tetrachloroethene
Concen: 45.400 ug/l
RT: 8.528 min Scan# 2251
Delta R.T. -0.000 min
Lab File: VU063696.D
Acq: 10 Nov 2025 15:38

Tgt Ion:164 Resp: 97967
Ion Ratio Lower Upper
164 100
166 127.7 102.5 153.7
129 97.5 77.1 115.7
131 94.7 73.0 109.6

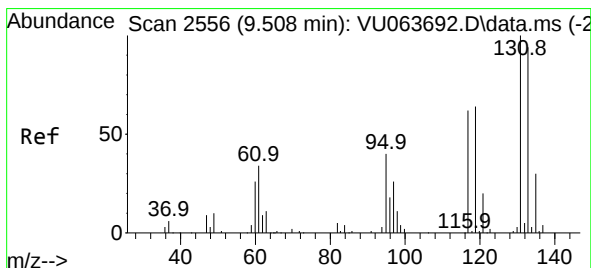
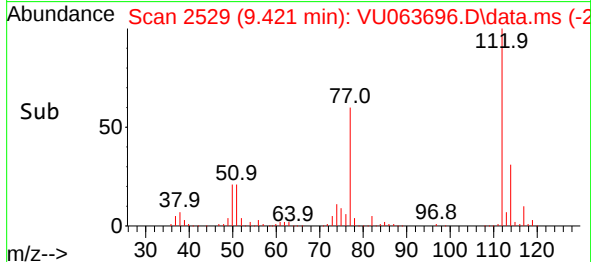
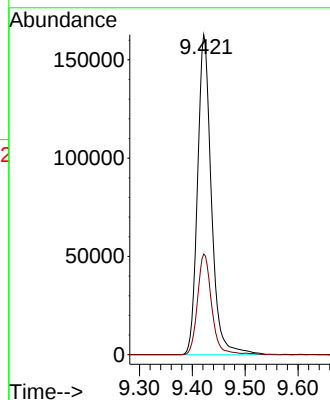
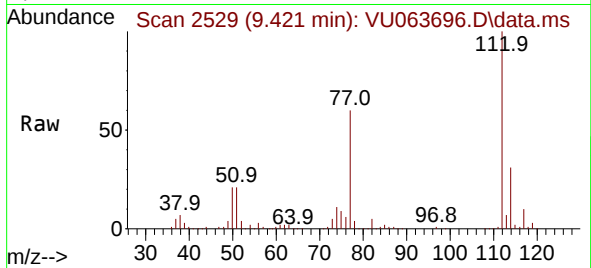




#65
Chlorobenzene
Concen: 45.352 ug/l
RT: 9.421 min Scan# 211
Delta R.T. -0.000 min
Lab File: VU063696.D
Acq: 10 Nov 2025 15:38

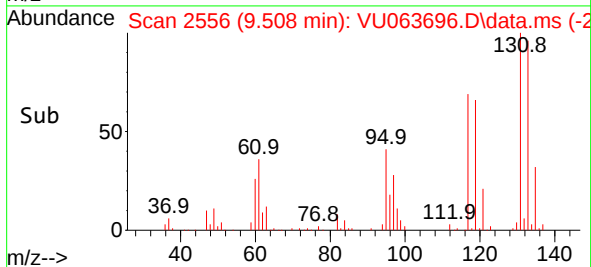
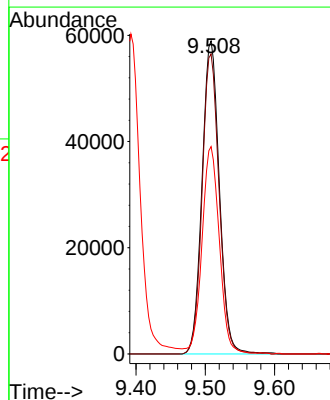
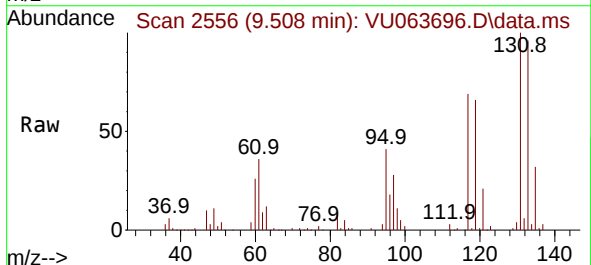
Instrument :
MSVOA_U
ClientSampleId :
ICVVU111025

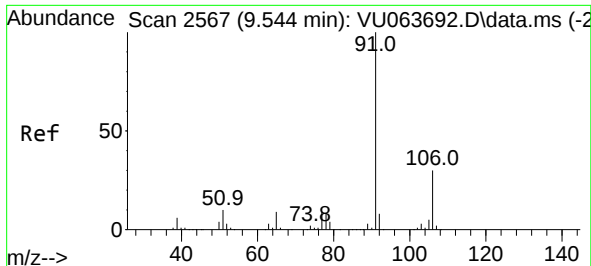
Tgt Ion:112 Resp: 296391
Ion Ratio Lower Upper
112 100
114 31.4 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 46.036 ug/l
RT: 9.508 min Scan# 2556
Delta R.T. -0.000 min
Lab File: VU063696.D
Acq: 10 Nov 2025 15:38

Tgt Ion:131 Resp: 102331
Ion Ratio Lower Upper
131 100
133 94.1 47.5 142.5
119 65.6 33.3 99.8





#67

Ethyl Benzene

Concen: 46.207 ug/l

RT: 9.547 min Scan# 2567

Delta R.T. 0.003 min

Lab File: VU063696.D

Acq: 10 Nov 2025 15:38

Instrument :

MSVOA_U

ClientSampleId :

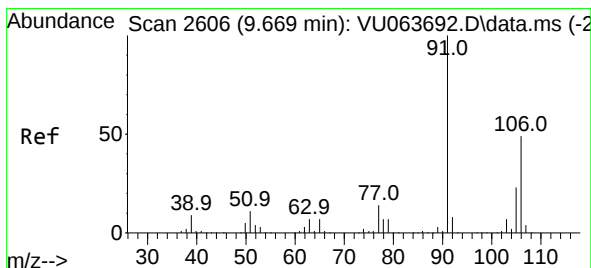
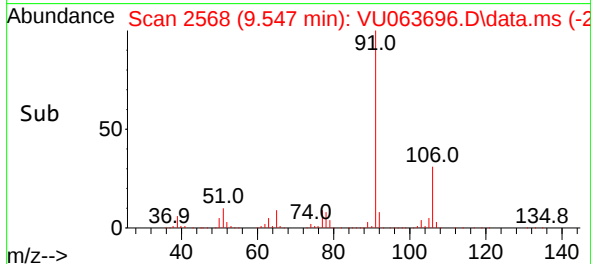
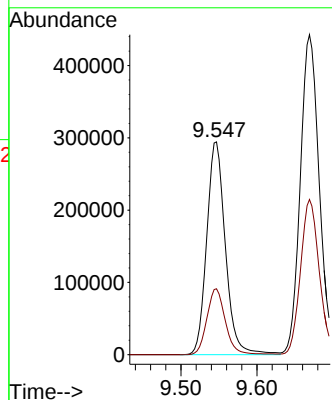
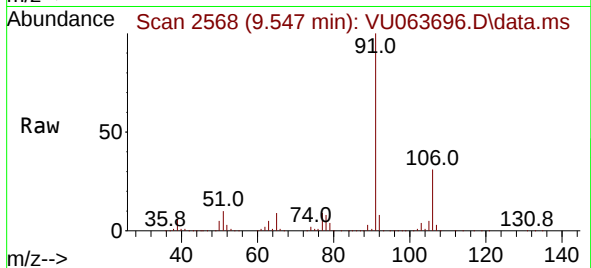
ICVVU111025

Tgt Ion: 91 Resp: 502985

Ion Ratio Lower Upper

91 100

106 31.0 23.8 35.8



#68

m/p-Xylenes

Concen: 93.852 ug/l

RT: 9.669 min Scan# 2606

Delta R.T. -0.000 min

Lab File: VU063696.D

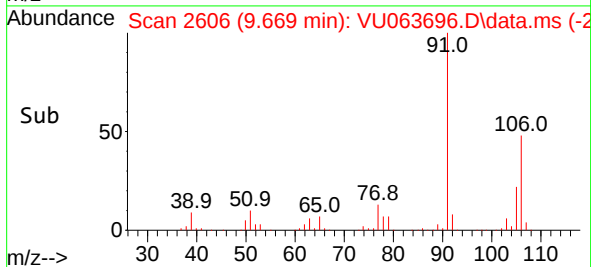
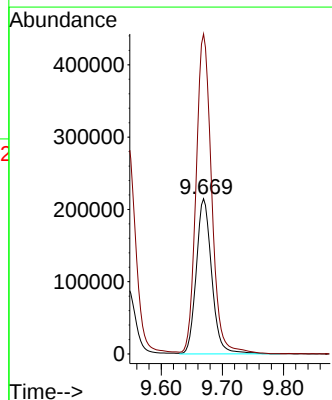
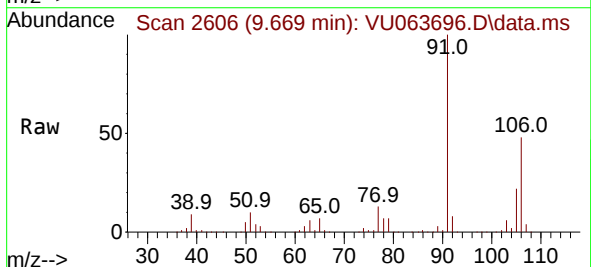
Acq: 10 Nov 2025 15:38

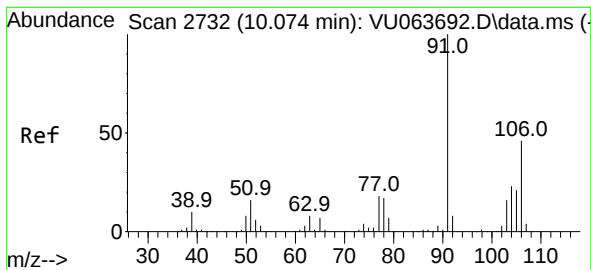
Tgt Ion:106 Resp: 377099

Ion Ratio Lower Upper

106 100

91 207.1 165.7 248.5





#69

o-Xylene

Concen: 46.016 ug/l

RT: 10.077 min Scan# 2733

Delta R.T. 0.003 min

Lab File: VU063696.D

Acq: 10 Nov 2025 15:38

Instrument :

MSVOA_U

ClientSampleId :

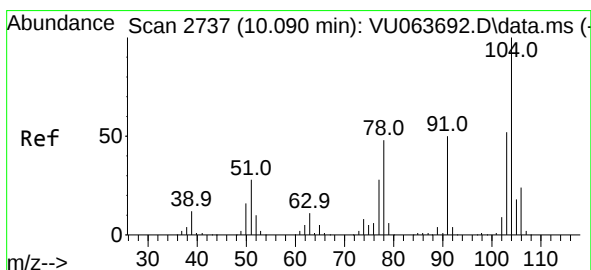
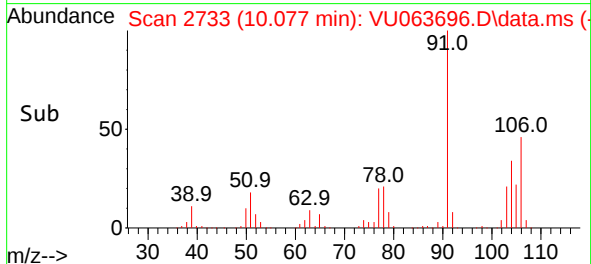
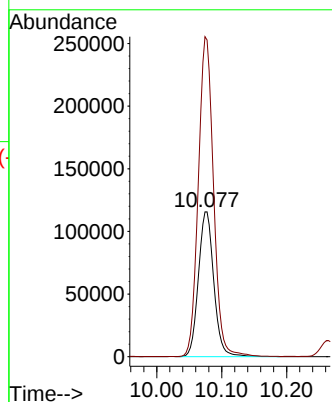
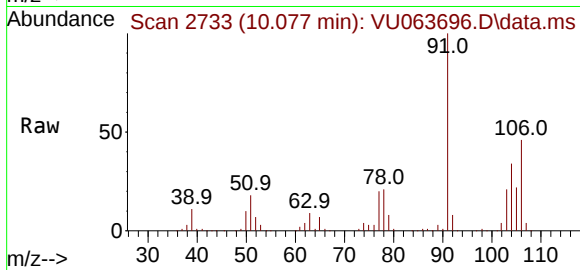
ICVVU111025

Tgt Ion:106 Resp: 190786

Ion Ratio Lower Upper

106 100

91 218.4 108.7 325.9



#70

Styrene

Concen: 48.165 ug/l

RT: 10.090 min Scan# 2737

Delta R.T. -0.000 min

Lab File: VU063696.D

Acq: 10 Nov 2025 15:38

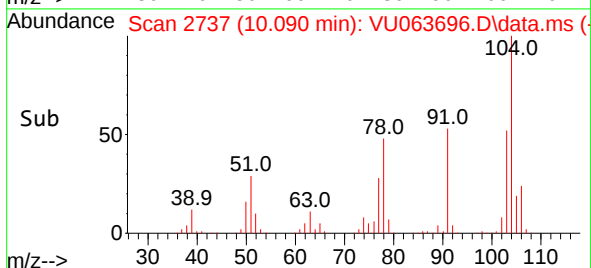
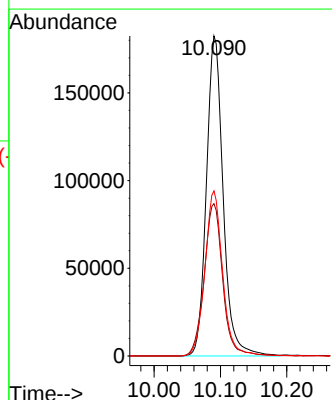
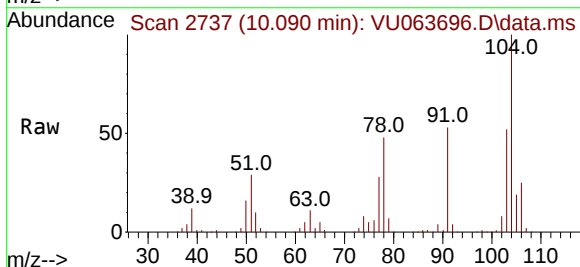
Tgt Ion:104 Resp: 320770

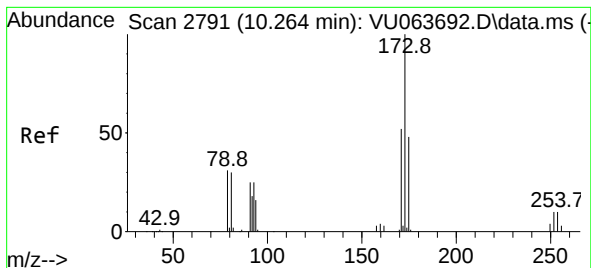
Ion Ratio Lower Upper

104 100

78 52.6 42.7 64.1

103 54.7 44.0 66.0





#71

Bromoform

Concen: 47.704 ug/l

RT: 10.264 min Scan# 2791

Delta R.T. -0.000 min

Lab File: VU063696.D

Acq: 10 Nov 2025 15:38

Instrument :

MSVOA_U

ClientSampleId :

ICVVU111025

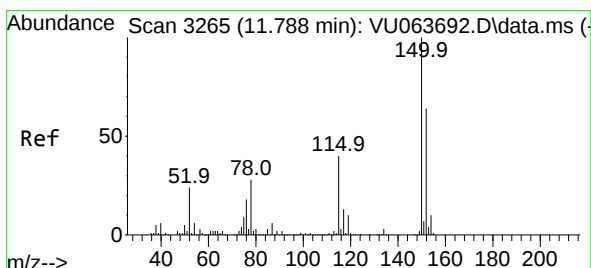
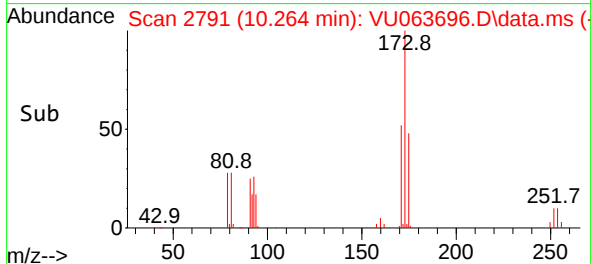
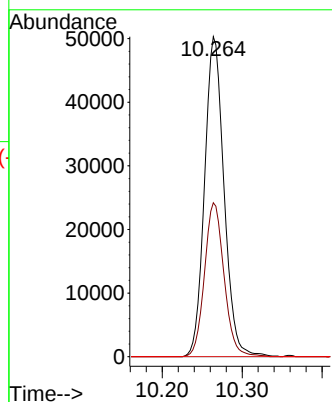
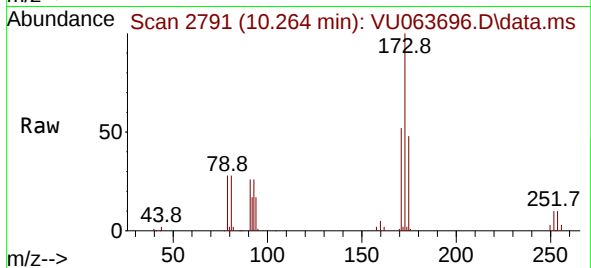
Tgt Ion:173 Resp: 85388

Ion Ratio Lower Upper

173 100

175 48.3 24.1 72.2

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.788 min Scan# 3265

Delta R.T. -0.000 min

Lab File: VU063696.D

Acq: 10 Nov 2025 15:38

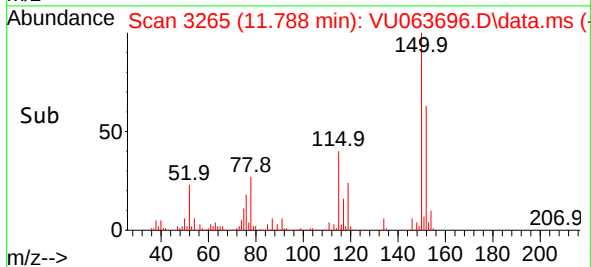
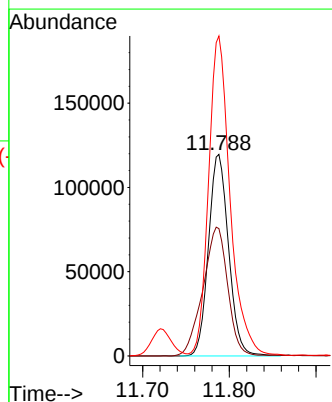
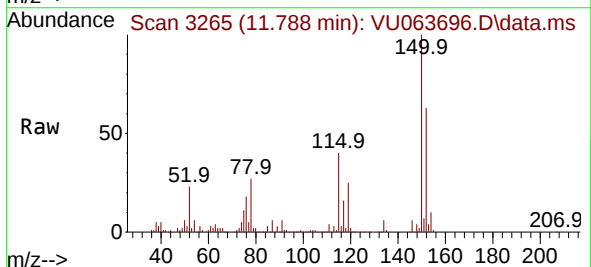
Tgt Ion:152 Resp: 193105

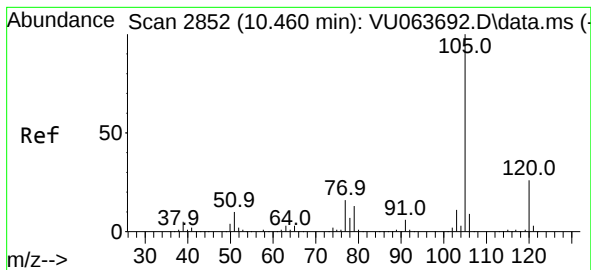
Ion Ratio Lower Upper

152 100

115 78.6 41.0 123.0

150 169.3 0.0 342.2





#73

Isopropylbenzene

Concen: 42.325 ug/l

RT: 10.460 min Scan# 2852

Delta R.T. -0.000 min

Lab File: VU063696.D

Acq: 10 Nov 2025 15:38

Instrument :

MSVOA_U

ClientSampleId :

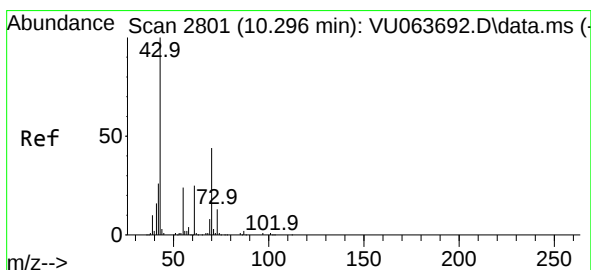
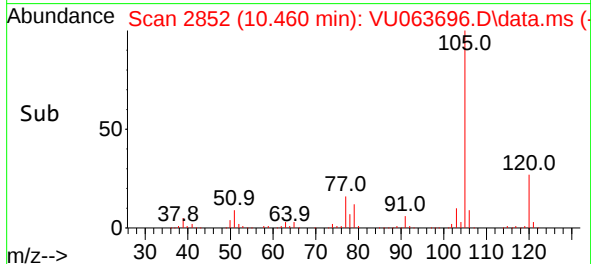
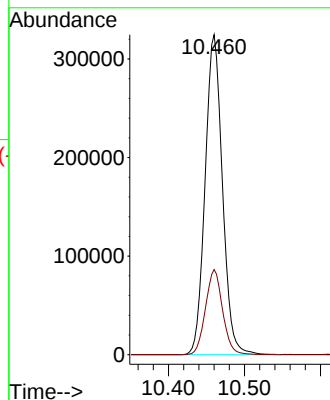
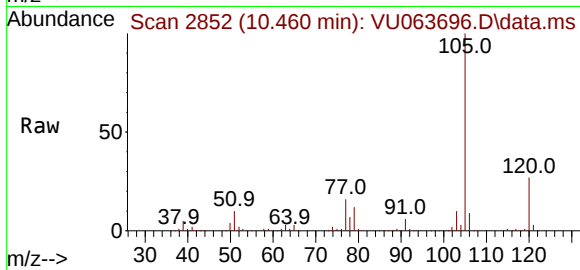
ICVVU111025

Tgt Ion:105 Resp: 513493

Ion Ratio Lower Upper

105 100

120 26.3 13.0 38.9



#74

N-ethyl acetate

Concen: 44.861 ug/l

RT: 10.299 min Scan# 2802

Delta R.T. 0.003 min

Lab File: VU063696.D

Acq: 10 Nov 2025 15:38

Tgt Ion: 43 Resp: 189624

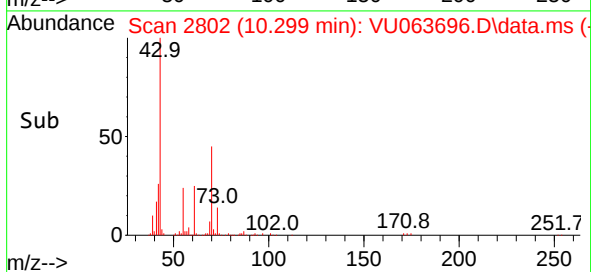
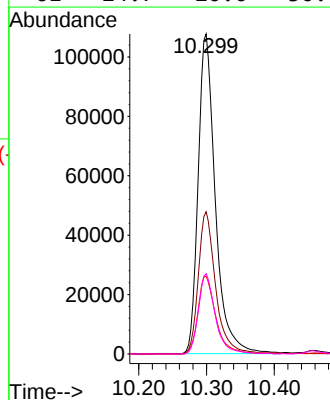
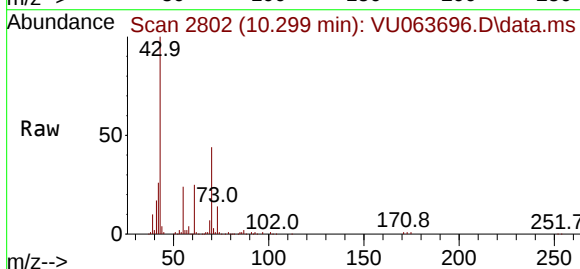
Ion Ratio Lower Upper

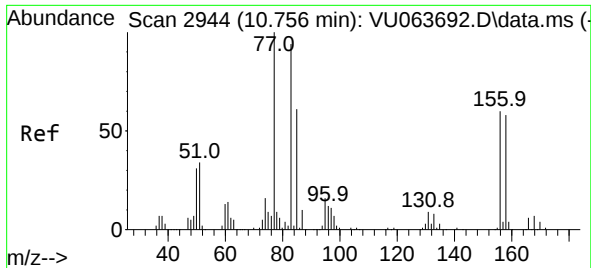
43 100

70 44.9 36.5 54.7

55 25.3 20.6 30.8

61 24.7 20.0 30.0

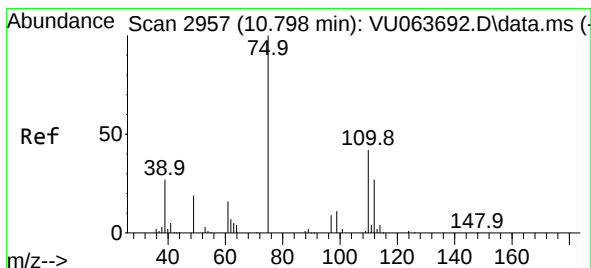
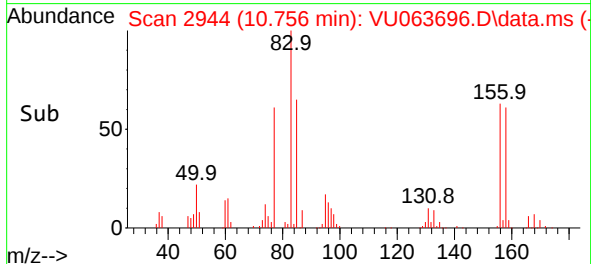
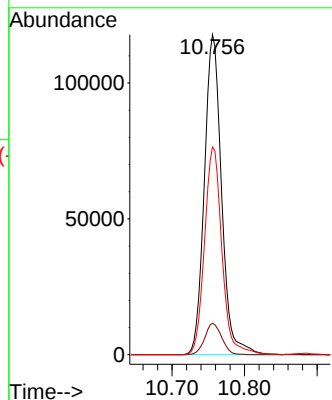
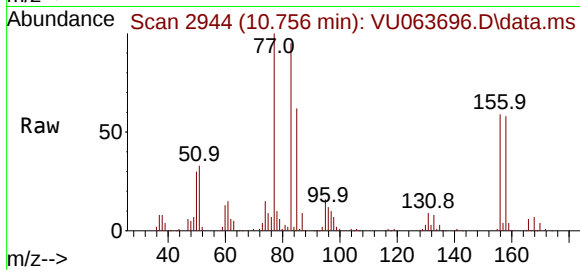




#75
1,1,2,2-Tetrachloroethane
Concen: 41.733 ug/l
RT: 10.756 min Scan# 2944
Delta R.T. -0.000 min
Lab File: VU063696.D
Acq: 10 Nov 2025 15:38

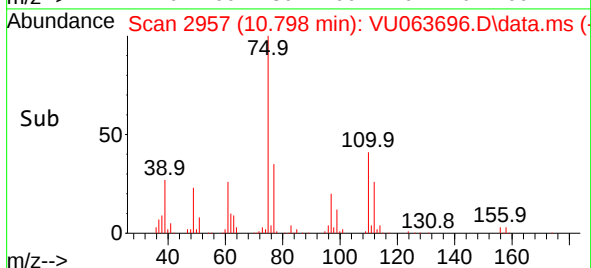
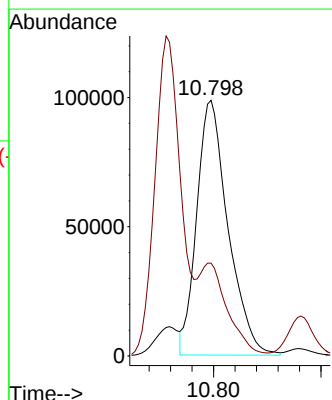
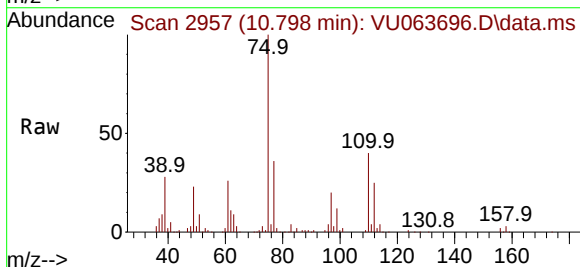
Instrument :
MSVOA_U
ClientSampleId :
ICVVU111025

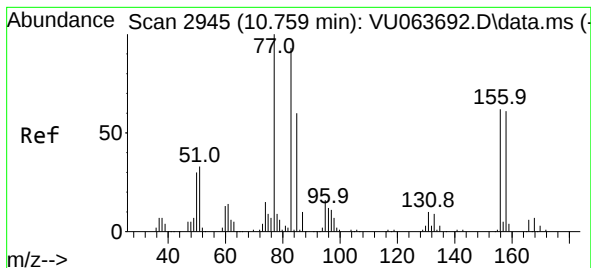
Tgt Ion: 83 Resp: 194432
Ion Ratio Lower Upper
83 100
131 9.7 4.8 14.4
85 65.5 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 41.014 ug/l
RT: 10.798 min Scan# 2957
Delta R.T. -0.000 min
Lab File: VU063696.D
Acq: 10 Nov 2025 15:38

Tgt Ion: 75 Resp: 199583
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 41.913 ug/l

RT: 10.759 min Scan# 2945

Delta R.T. -0.000 min

Lab File: VU063696.D

Acq: 10 Nov 2025 15:38

Instrument :

MSVOA_U

ClientSampleId :

ICVVU111025

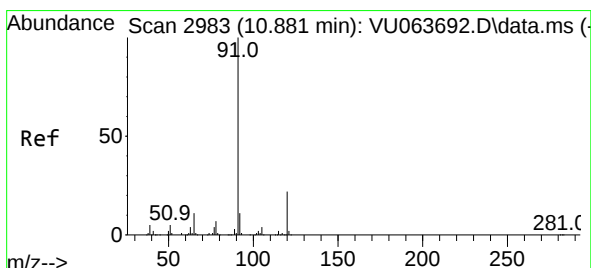
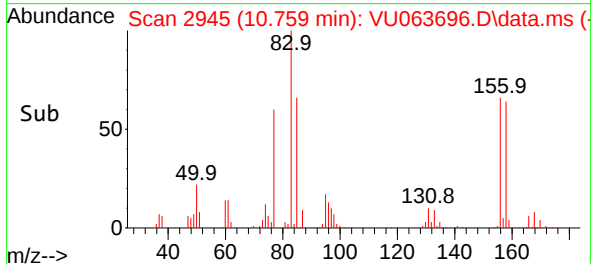
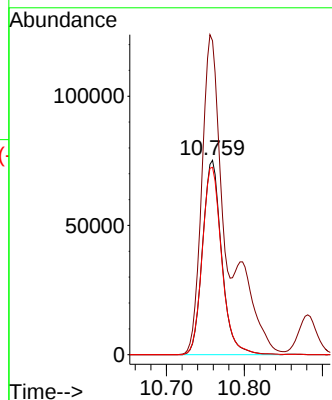
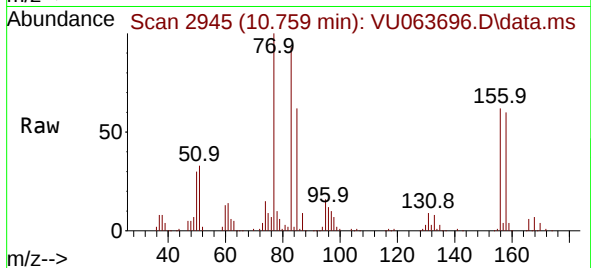
Tgt Ion:156 Resp: 127935

Ion Ratio Lower Upper

156 100

77 162.1 81.4 244.2

158 98.5 48.8 146.3



#78

n-propylbenzene

Concen: 42.805 ug/l

RT: 10.881 min Scan# 2983

Delta R.T. -0.000 min

Lab File: VU063696.D

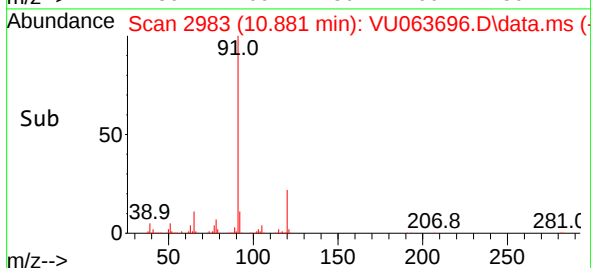
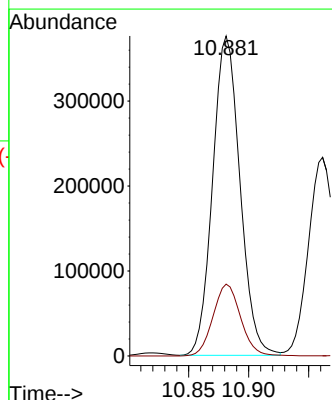
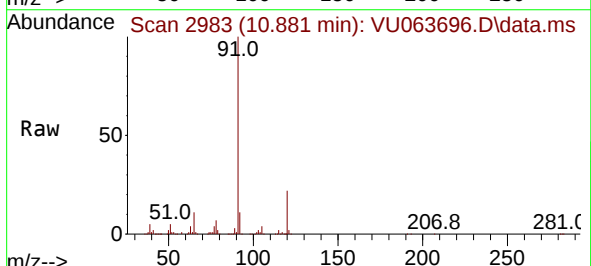
Acq: 10 Nov 2025 15:38

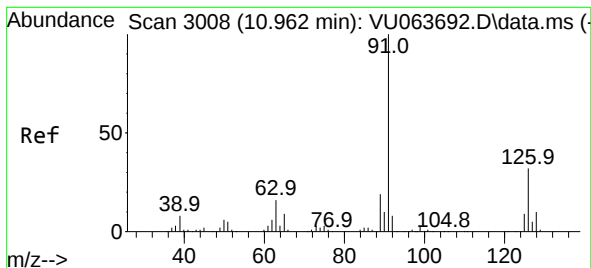
Tgt Ion: 91 Resp: 595731

Ion Ratio Lower Upper

91 100

120 22.7 11.2 33.6

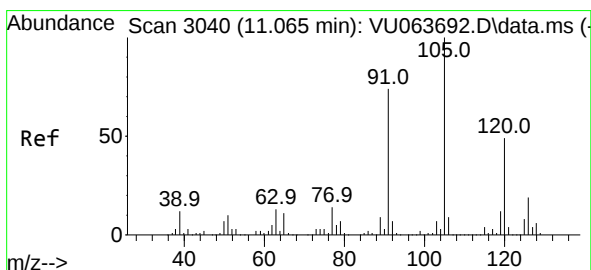
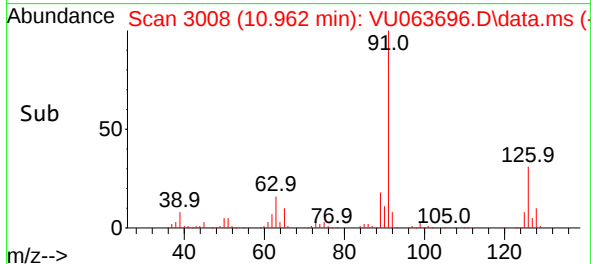
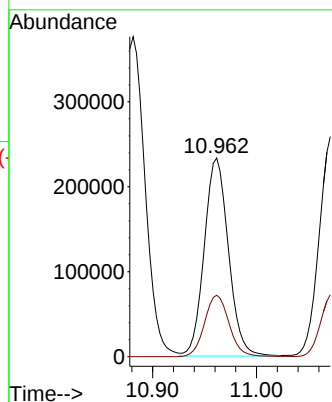
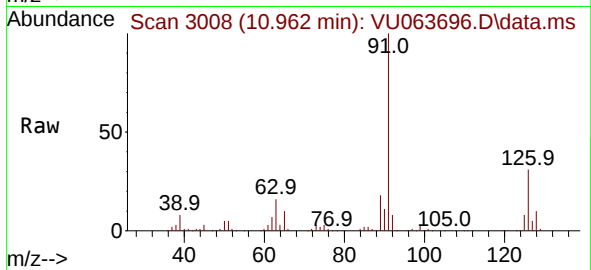




#79
2-Chlorotoluene
Concen: 41.994 ug/l
RT: 10.962 min Scan# 3008
Delta R.T. -0.000 min
Lab File: VU063696.D
Acq: 10 Nov 2025 15:38

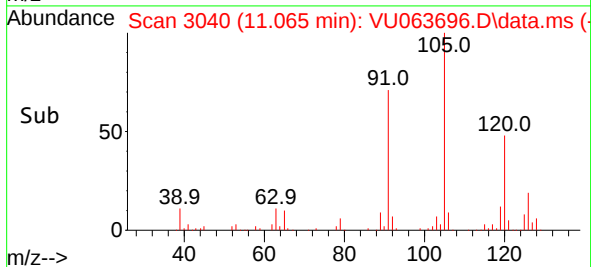
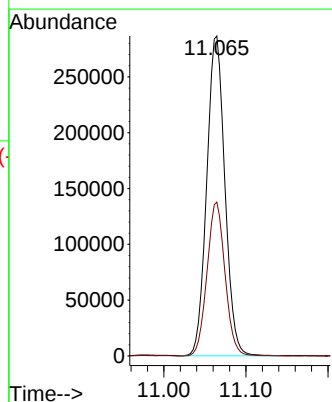
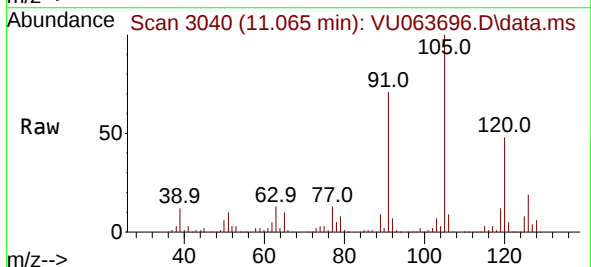
Instrument :
MSVOA_U
ClientSampleId :
ICVVU111025

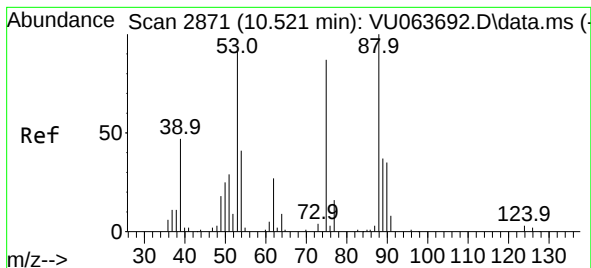
Tgt Ion: 91 Resp: 377769
Ion Ratio Lower Upper
91 100
126 31.6 16.4 49.1



#80
1,3,5-Trimethylbenzene
Concen: 43.383 ug/l
RT: 11.065 min Scan# 3040
Delta R.T. -0.000 min
Lab File: VU063696.D
Acq: 10 Nov 2025 15:38

Tgt Ion: 105 Resp: 441320
Ion Ratio Lower Upper
105 100
120 47.7 24.1 72.2

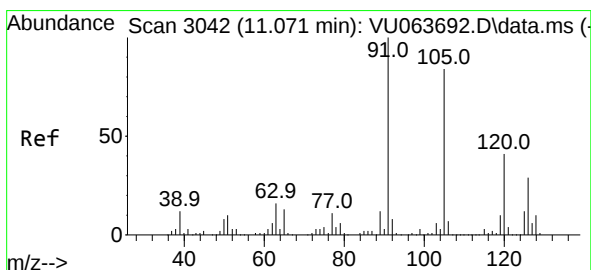
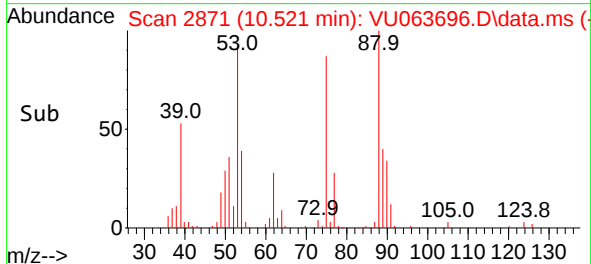
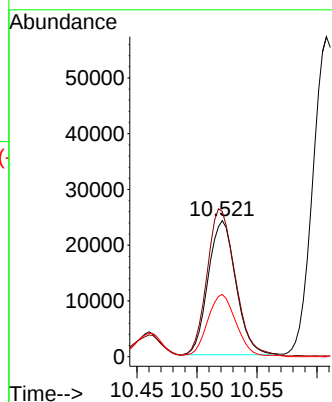
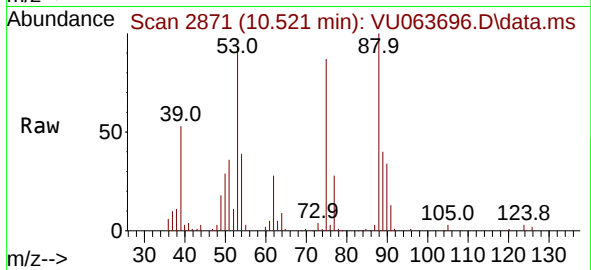




#81
trans-1,4-Dichloro-2-butene
Concen: 42.264 ug/l
RT: 10.521 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VU063696.D
Acq: 10 Nov 2025 15:38

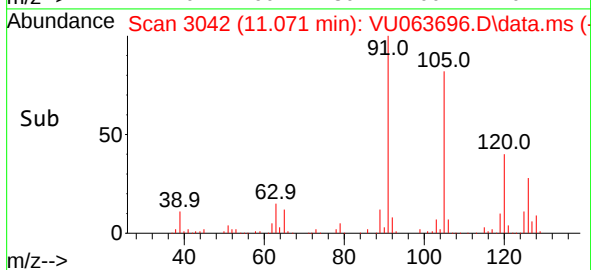
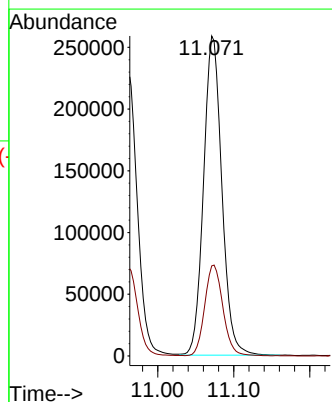
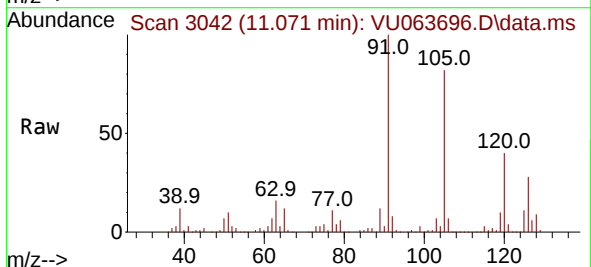
Instrument :
MSVOA_U
ClientSampleId :
ICVVU111025

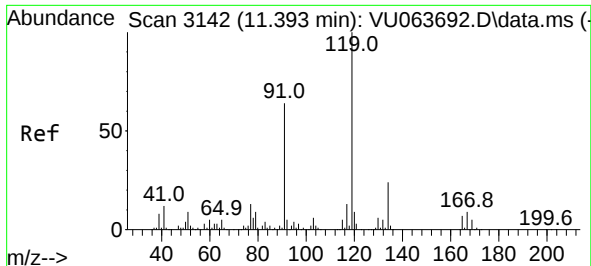
Tgt Ion: 75 Resp: 38606
Ion Ratio Lower Upper
75 100
53 112.9 86.5 129.7
89 48.2 35.2 52.8



#82
4-Chlorotoluene
Concen: 42.273 ug/l
RT: 11.071 min Scan# 3042
Delta R.T. -0.000 min
Lab File: VU063696.D
Acq: 10 Nov 2025 15:38

Tgt Ion: 91 Resp: 432128
Ion Ratio Lower Upper
91 100
126 28.3 14.2 42.8

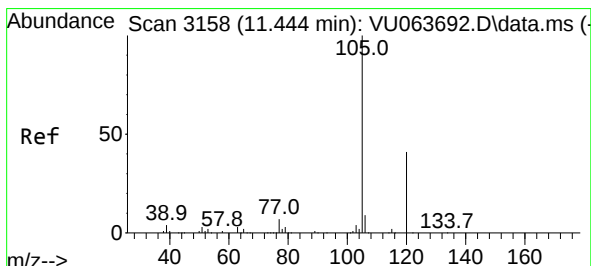
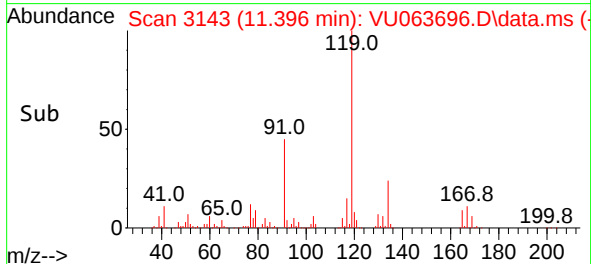
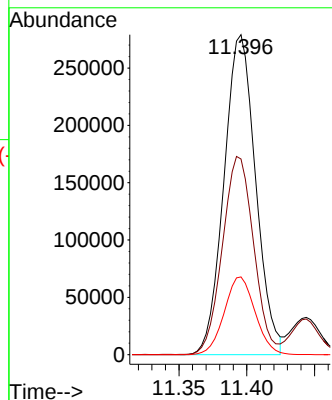
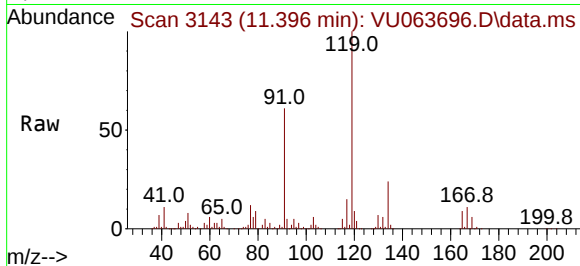




#83
 tert-Butylbenzene
 Concen: 42.828 ug/l
 RT: 11.396 min Scan# 3142
 Delta R.T. 0.003 min
 Lab File: VU063696.D
 Acq: 10 Nov 2025 15:38

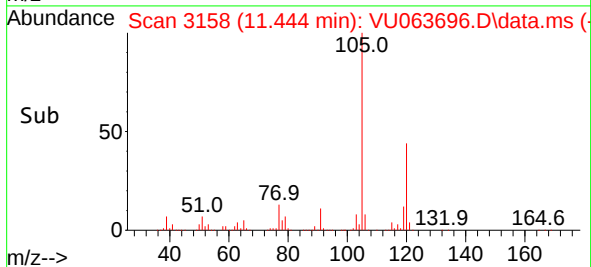
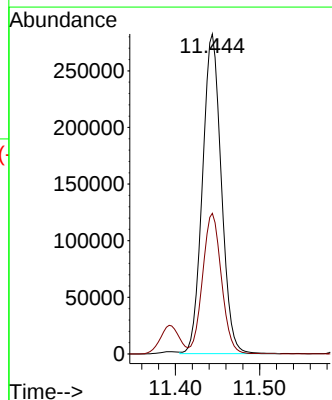
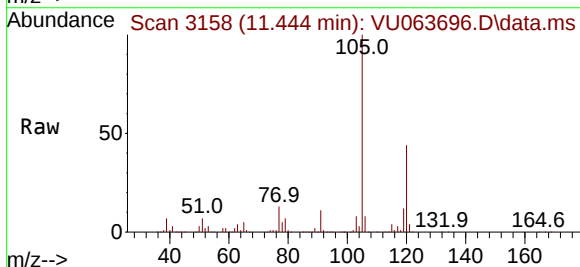
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 ClientSampleId :
 ICVVU111025

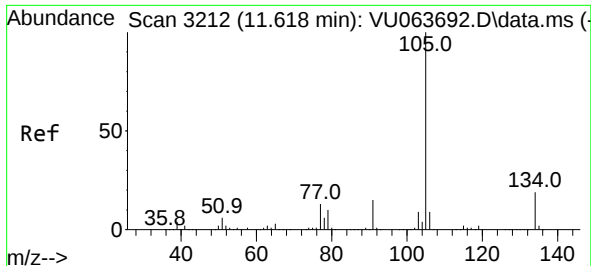
Tgt Ion:119 Resp: 453816
 Ion Ratio Lower Upper
 119 100
 91 61.1 30.8 92.3
 134 23.7 11.9 35.5



#84
 1,2,4-Trimethylbenzene
 Concen: 43.919 ug/l
 RT: 11.444 min Scan# 3158
 Delta R.T. -0.000 min
 Lab File: VU063696.D
 Acq: 10 Nov 2025 15:38

Tgt Ion:105 Resp: 438443
 Ion Ratio Lower Upper
 105 100
 120 44.0 22.4 67.3

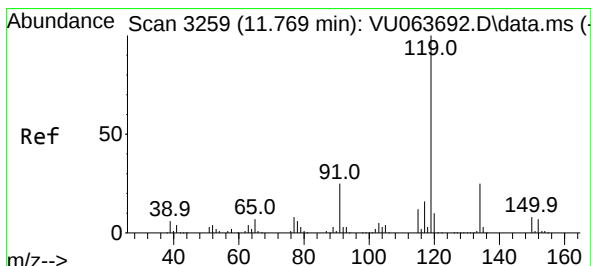
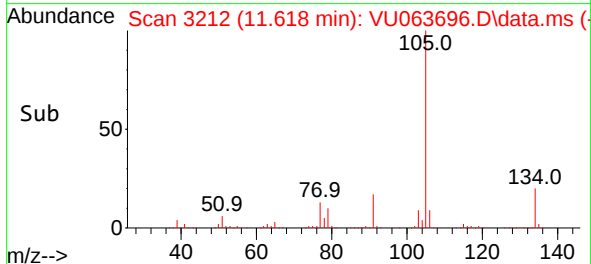
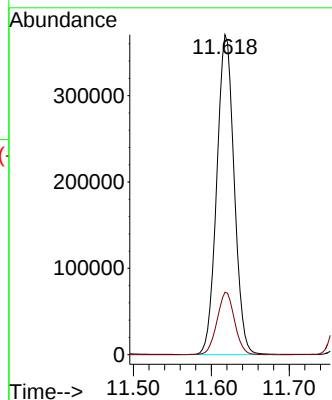
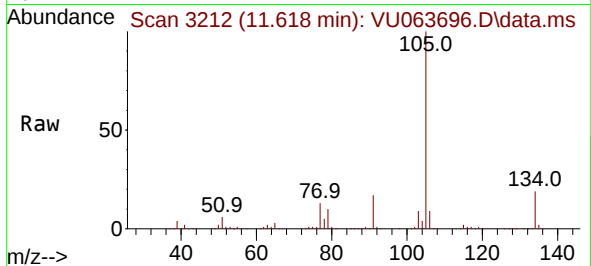




#85
 sec-Butylbenzene
 Concen: 42.943 ug/l
 RT: 11.618 min Scan# 3212
 Delta R.T. -0.000 min
 Lab File: VU063696.D
 Acq: 10 Nov 2025 15:38

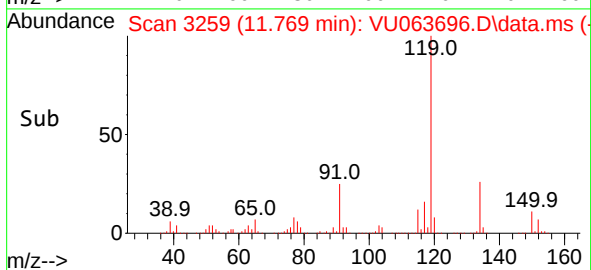
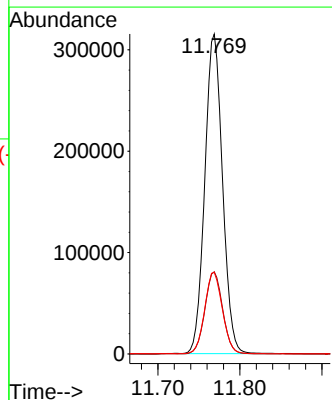
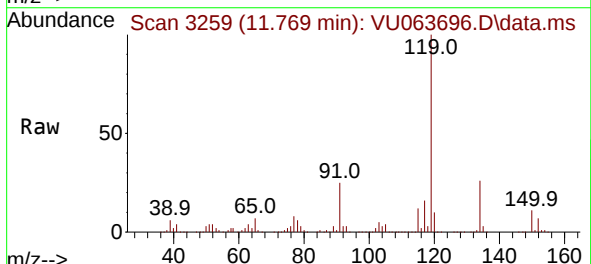
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU111025

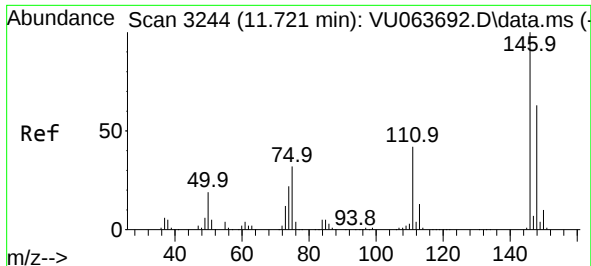
Tgt Ion:105 Resp: 574806
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 43.915 ug/l
 RT: 11.769 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU063696.D
 Acq: 10 Nov 2025 15:38

Tgt Ion:119 Resp: 471877
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.6 37.6
 91 25.5 12.6 37.8





#87

1,3-Dichlorobenzene

Concen: 43.465 ug/l

RT: 11.720 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU063696.D

Acq: 10 Nov 2025 15:38

Instrument :

MSVOA_U

ClientSampleId :

ICVVU111025

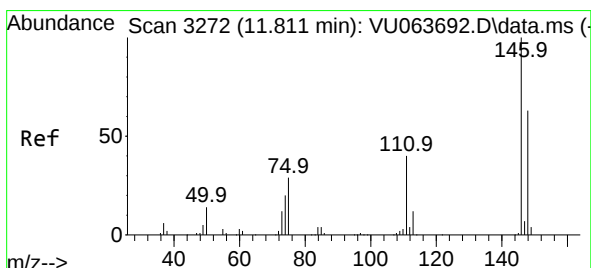
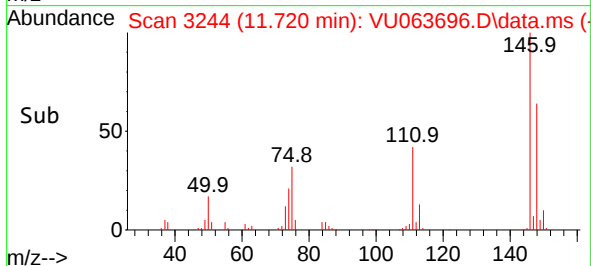
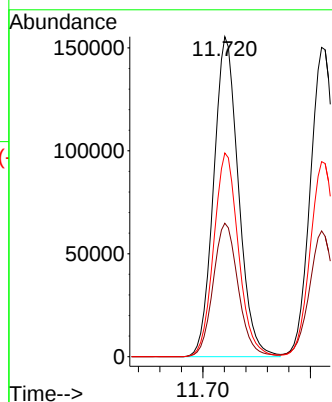
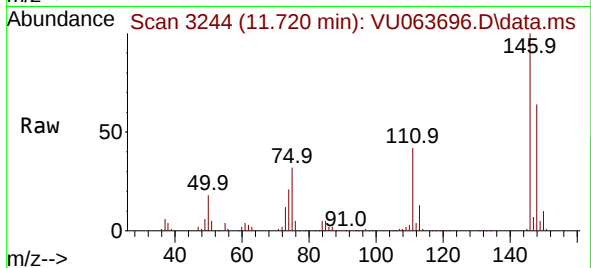
Tgt Ion:146 Resp: 249263

Ion Ratio Lower Upper

146 100

111 42.1 20.6 61.8

148 63.6 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 41.885 ug/l

RT: 11.810 min Scan# 3272

Delta R.T. -0.000 min

Lab File: VU063696.D

Acq: 10 Nov 2025 15:38

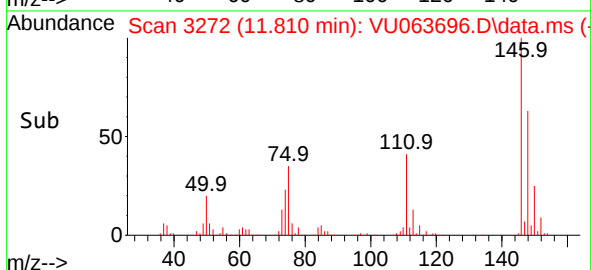
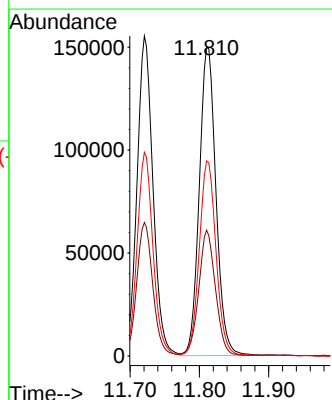
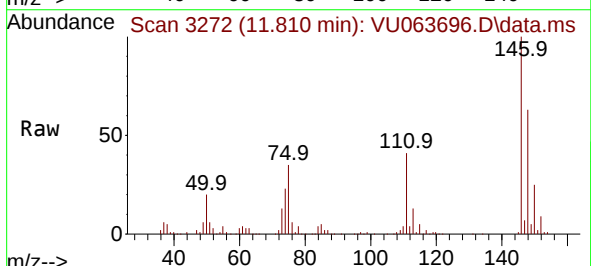
Tgt Ion:146 Resp: 251301

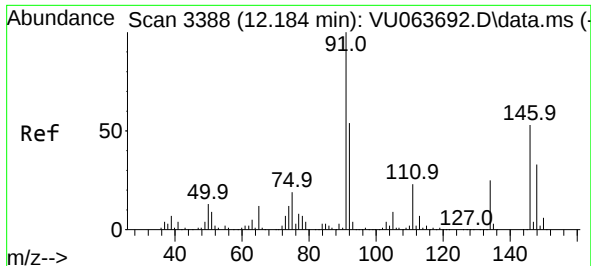
Ion Ratio Lower Upper

146 100

111 40.6 20.4 61.3

148 63.2 31.4 94.3





#89

n-Butylbenzene

Concen: 43.190 ug/l

RT: 12.183 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU063696.D

Acq: 10 Nov 2025 15:38

Instrument :

MSVOA_U

ClientSampleId :

ICVVU111025

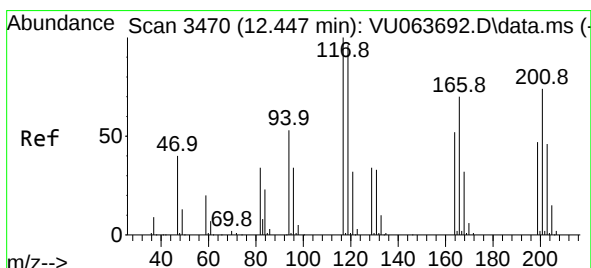
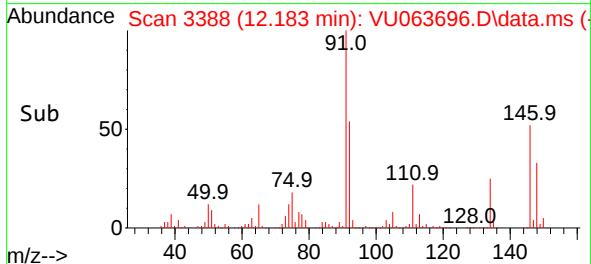
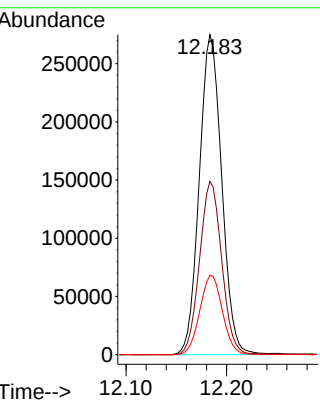
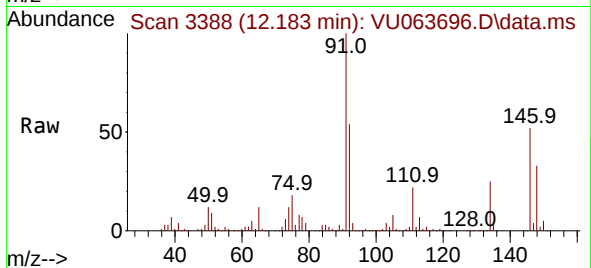
Tgt Ion: 91 Resp: 426211

Ion Ratio Lower Upper

91 100

92 53.5 27.0 81.0

134 25.0 12.4 37.4



#90

Hexachloroethane

Concen: 43.153 ug/l

RT: 12.450 min Scan# 3471

Delta R.T. 0.003 min

Lab File: VU063696.D

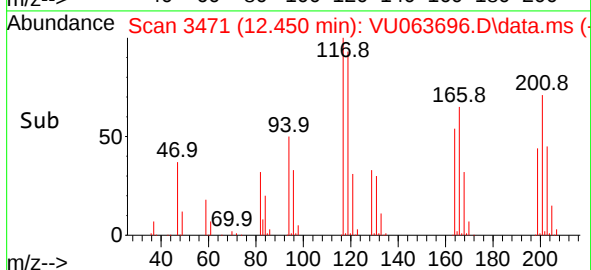
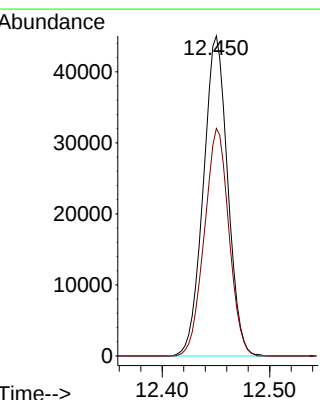
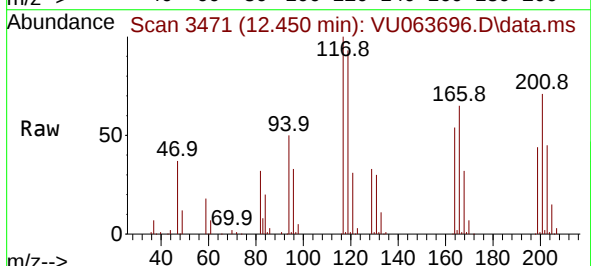
Acq: 10 Nov 2025 15:38

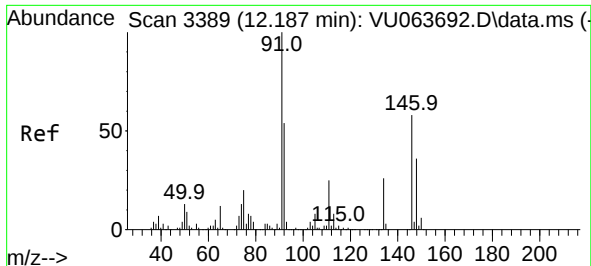
Tgt Ion: 117 Resp: 70739

Ion Ratio Lower Upper

117 100

201 71.9 36.6 109.8

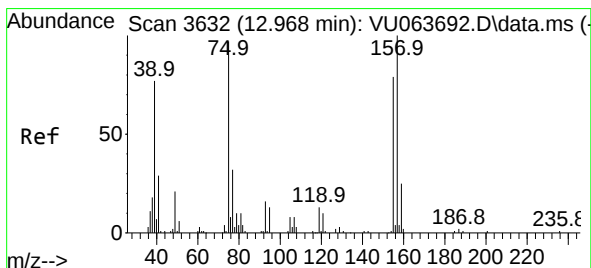
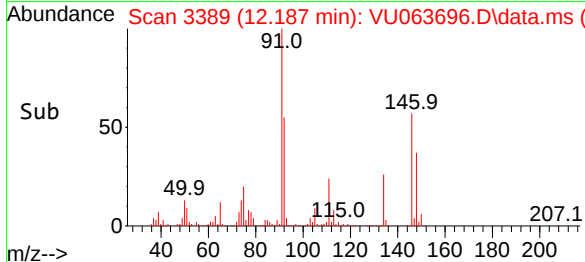
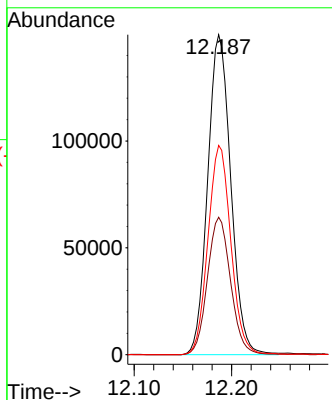
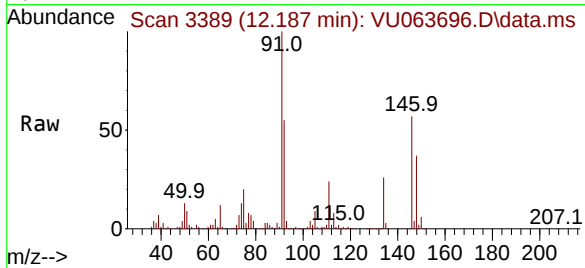




#91
1,2-Dichlorobenzene
Concen: 42.988 ug/l
RT: 12.187 min Scan# 3389
Delta R.T. -0.000 min
Lab File: VU063696.D
Acq: 10 Nov 2025 15:38

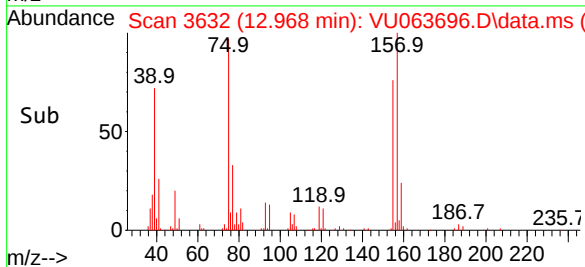
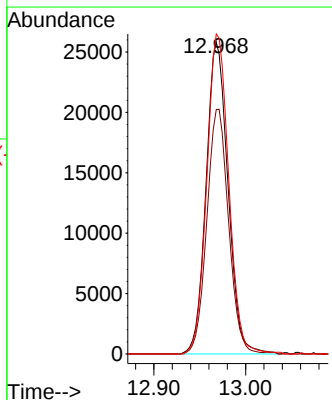
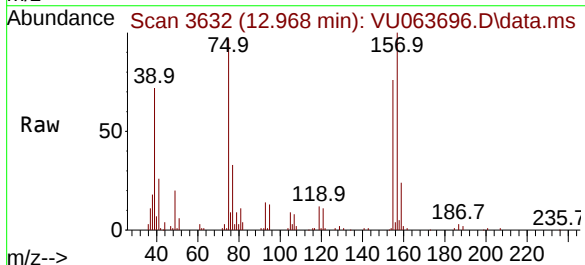
Instrument :
MSVOA_U
ClientSampleId :
ICVVU111025

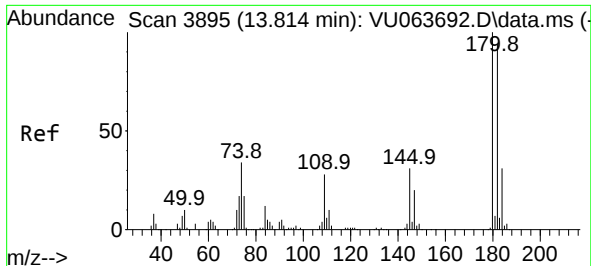
Tgt Ion:146 Resp: 246140
Ion Ratio Lower Upper
146 100
111 43.1 21.8 65.3
148 65.2 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.937 ug/l
RT: 12.968 min Scan# 3632
Delta R.T. -0.000 min
Lab File: VU063696.D
Acq: 10 Nov 2025 15:38

Tgt Ion: 75 Resp: 42898
Ion Ratio Lower Upper
75 100
155 77.9 40.5 121.4
157 102.9 50.4 151.3

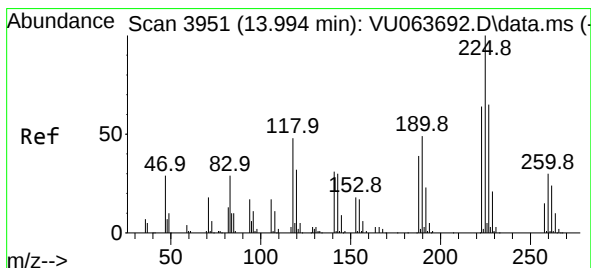
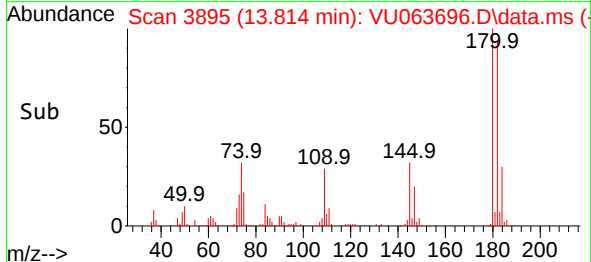
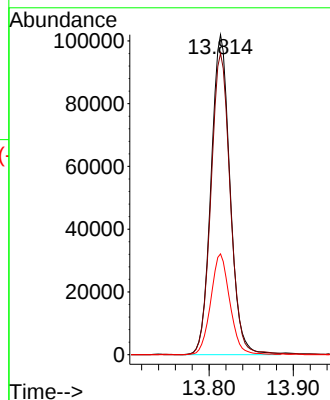
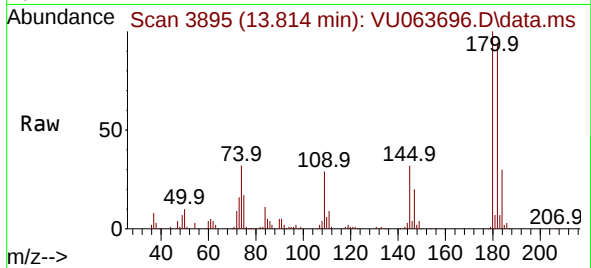




#93
1,2,4-Trichlorobenzene
Concen: 43.734 ug/l
RT: 13.814 min Scan# 3895
Delta R.T. -0.000 min
Lab File: VU063696.D
Acq: 10 Nov 2025 15:38

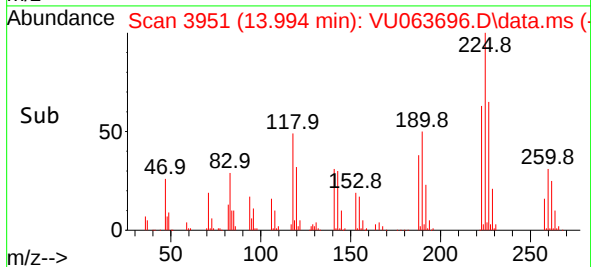
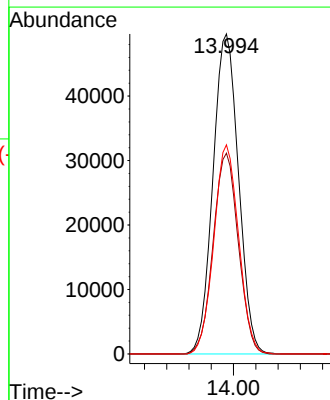
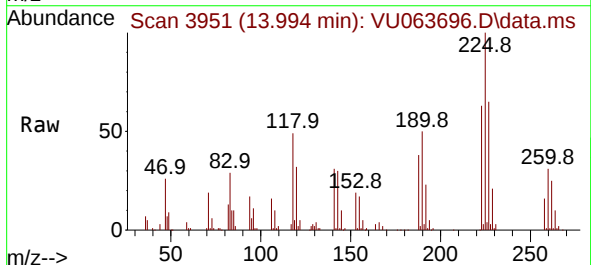
Instrument :
MSVOA_U
ClientSampleId :
ICVVU111025

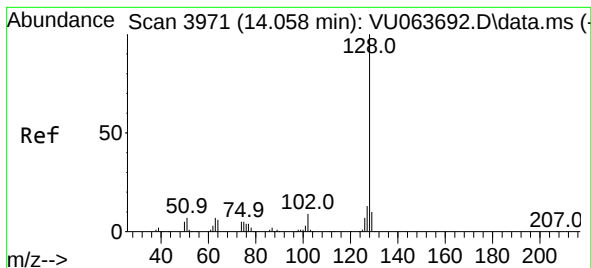
Tgt Ion:180 Resp: 159644
Ion Ratio Lower Upper
180 100
182 95.7 47.6 142.9
145 31.7 15.9 47.6



#94
Hexachlorobutadiene
Concen: 43.000 ug/l
RT: 13.994 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VU063696.D
Acq: 10 Nov 2025 15:38

Tgt Ion:225 Resp: 79089
Ion Ratio Lower Upper
225 100
223 61.8 31.6 94.8
227 63.5 32.4 97.0





#95

Naphthalene

Concen: 49.525 ug/l

RT: 14.058 min Scan# 3971

Delta R.T. -0.000 min

Lab File: VU063696.D

Acq: 10 Nov 2025 15:38

Instrument :

MSVOA_U

ClientSampleId :

ICVVU111025

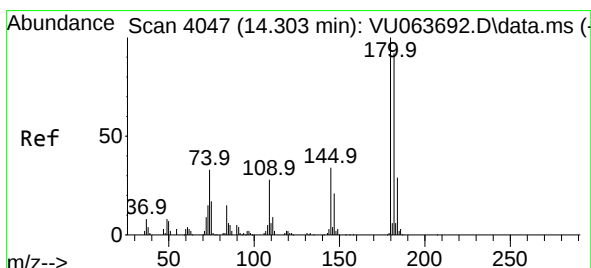
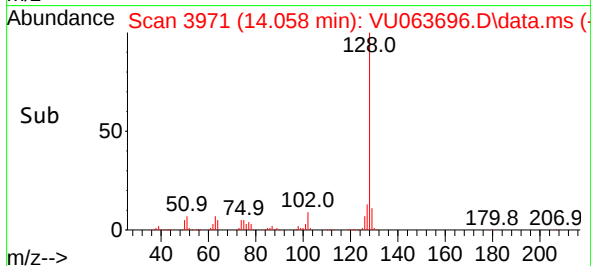
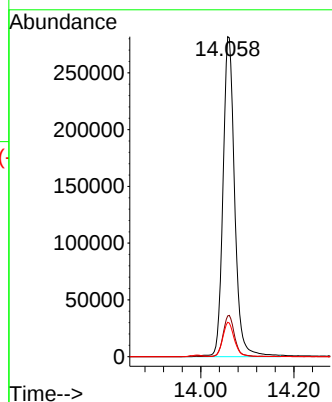
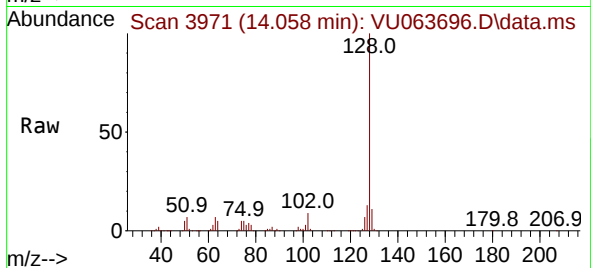
Tgt Ion:128 Resp: 489735

Ion Ratio Lower Upper

128 100

127 12.4 9.9 14.9

129 10.6 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 44.287 ug/l

RT: 14.302 min Scan# 4047

Delta R.T. -0.000 min

Lab File: VU063696.D

Acq: 10 Nov 2025 15:38

Tgt Ion:180 Resp: 150299

Ion Ratio Lower Upper

180 100

182 96.7 47.3 142.0

145 34.1 16.6 49.7

