

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111025\
 Data File : VU063694.D
 Acq On : 10 Nov 2025 14:30
 Operator : MD/SY
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC150

Quant Time: Nov 11 01:24:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U111025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 01:18:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.341	168	196020	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.219	114	328099	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.393	117	314402	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.785	152	177775	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.666	65	421861	145.686	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 291.380%#	
35) Dibromofluoromethane	5.255	113	338152	147.150	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 294.300%#	
50) Toluene-d8	7.872	98	1192362	144.430	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 288.860%#	
62) 4-Bromofluorobenzene	10.608	95	518344	151.781	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 303.560%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.371	85	164301	138.791	ug/l	96
3) Chloromethane	1.506	50	174511	152.005	ug/l	100
4) Vinyl Chloride	1.589	62	202293	138.935	ug/l	99
5) Bromomethane	1.811	94	126769	150.570	ug/l	98
6) Chloroethane	1.898	64	152584	138.571	ug/l	99
7) Trichlorofluoromethane	2.107	101	396398	142.284	ug/l	98
8) Diethyl Ether	2.354	74	167802	141.672	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.551	101	252885	142.861	ug/l	99
10) Methyl Iodide	2.689	142	304495	149.105	ug/l	100
11) Tert butyl alcohol	3.165	59	485177	718.141	ug/l	100
12) 1,1-Dichloroethene	2.547	96	215320	141.269	ug/l	99
13) Acrolein	2.461	56	31163	761.302	ug/l	86
14) Allyl chloride	2.891	41	416846	146.640	ug/l	99
15) Acrylonitrile	3.280	53	1090263	787.981	ug/l	99
16) Acetone	2.602	43	1183396	753.129	ug/l	100
17) Carbon Disulfide	2.760	76	294504	151.878	ug/l	98
18) Methyl Acetate	2.920	43	789274	151.939	ug/l	100
19) Methyl tert-butyl Ether	3.332	73	1050582	152.760	ug/l	99
20) Methylene Chloride	3.010	84	280341	151.230	ug/l	98
21) trans-1,2-Dichloroethene	3.319	96	221458	141.521	ug/l	96
22) Diisopropyl ether	3.959	45	892989	142.630	ug/l	88
23) Vinyl Acetate	3.917	43	3408811	798.355	ug/l	98
24) 1,1-Dichloroethane	3.830	63	524147	145.156	ug/l	99
25) 2-Butanone	4.666	43	1561103	782.993	ug/l	99
26) 2,2-Dichloropropane	4.624	77	467260	150.666	ug/l	99
27) cis-1,2-Dichloroethene	4.631	96	332244	145.324	ug/l	99
28) Bromochloromethane	4.936	49	247639	171.394	ug/l	98
29) Tetrahydrofuran	5.017	42	893089	769.814	ug/l	99
30) Chloroform	5.052	83	581303	146.943	ug/l	100
31) Cyclohexane	5.351	56	340376	151.341	ug/l	99
32) 1,1,1-Trichloroethane	5.280	97	485923	149.688	ug/l	98
36) 1,1-Dichloropropene	5.493	75	321007	137.246	ug/l	98
37) Ethyl Acetate	4.772	43	508796	153.005	ug/l	99
38) Carbon Tetrachloride	5.489	117	383153	151.568	ug/l	100
39) Methylcyclohexane	6.734	83	383425	144.390	ug/l	97
40) Benzene	5.740	78	1065743	141.202	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.936	41	276084	160.398	ug/l	97
42) 1,2-Dichloroethane	5.763	62	437857	147.089	ug/l	99
43) Isopropyl Acetate	5.882	43	766084	157.816	ug/l	99
44) Trichloroethene	6.512	130	285462	134.807	ug/l	99
45) 1,2-Dichloropropane	6.759	63	303368	147.857	ug/l	100
46) Dibromomethane	6.888	93	229622	149.045	ug/l	98
47) Bromodichloromethane	7.074	83	477116	152.754	ug/l	98
48) Methyl methacrylate	6.933	41	374385	157.122	ug/l	99
49) 1,4-Dioxane	6.936	88	194335	3078.460	ug/l	97
51) 4-Methyl-2-Pentanone	7.763	43	2889097	777.756	ug/l	99
52) Toluene	7.943	92	713088	145.580	ug/l	99
53) t-1,3-Dichloropropene	8.184	75	440378	167.430	ug/l	98
54) cis-1,3-Dichloropropene	7.579	75	481433	163.310	ug/l	98
55) 1,1,2-Trichloroethane	8.373	97	331116	147.306	ug/l	99
56) Ethyl methacrylate	8.309	69	557828	168.188	ug/l	98
57) 1,3-Dichloropropane	8.547	76	550546	150.129	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.438	63	42326	1061.283	ug/l	91
59) 2-Hexanone	8.660	43	2255789	815.328	ug/l	100
60) Dibromochloromethane	8.782	129	390733	165.964	ug/l	99
61) 1,2-Dibromoethane	8.898	107	328102	151.480	ug/l	98
64) Tetrachloroethene	8.528	164	276206	136.169	ug/l	99
65) Chlorobenzene	9.422	112	880600	143.343	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.508	131	315733	151.104	ug/l	99
67) Ethyl Benzene	9.544	91	1501679	146.755	ug/l	99
68) m/p-Xylenes	9.669	106	1138813	301.515	ug/l	100
69) o-Xylene	10.074	106	577852	148.266	ug/l	98
70) Styrene	10.090	104	1000375	159.798	ug/l	99
71) Bromoform	10.264	173	293336	174.335	ug/l #	99
73) Isopropylbenzene	10.460	105	1578601	141.338	ug/l	100
74) N-amyl acetate	10.296	43	655380	168.419	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.756	83	603930	140.807	ug/l	99
76) 1,2,3-Trichloropropane	10.798	75	649060	148.039	ug/l #	100
77) Bromobenzene	10.756	156	393335	139.972	ug/l	99
78) n-propylbenzene	10.881	91	1855568	144.825	ug/l	99
79) 2-Chlorotoluene	10.962	91	1144200	138.160	ug/l	100
80) 1,3,5-Trimethylbenzene	11.065	105	1376609	146.993	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.521	75	141904	168.744	ug/l	96
82) 4-Chlorotoluene	11.071	91	1345938	143.019	ug/l	99
83) tert-Butylbenzene	11.396	119	1405730	144.104	ug/l	99
84) 1,2,4-Trimethylbenzene	11.441	105	1380364	150.196	ug/l	99
85) sec-Butylbenzene	11.618	105	1796972	145.825	ug/l	100
86) p-Isopropyltoluene	11.769	119	1518740	153.528	ug/l	99
87) 1,3-Dichlorobenzene	11.721	146	775880	146.961	ug/l	99
88) 1,4-Dichlorobenzene	11.811	146	775026	140.314	ug/l	99
89) n-Butylbenzene	12.184	91	1410838	155.294	ug/l	100
90) Hexachloroethane	12.450	117	252961	167.621	ug/l	99
91) 1,2-Dichlorobenzene	12.187	146	772867	146.621	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.968	75	151924	172.867	ug/l	98
93) 1,2,4-Trichlorobenzene	13.814	180	528623	157.304	ug/l	100
94) Hexachlorobutadiene	13.994	225	247719	146.297	ug/l	100
95) Naphthalene	14.058	128	1605308	176.338	ug/l	99
96) 1,2,3-Trichlorobenzene	14.302	180	505783	161.885	ug/l	99

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ClientSampleId :
VSTDICC150

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Quant Title : SW846 8260
QLast Update : Tue Nov 11 01:18:58 2025
Response via : Initial Calibration

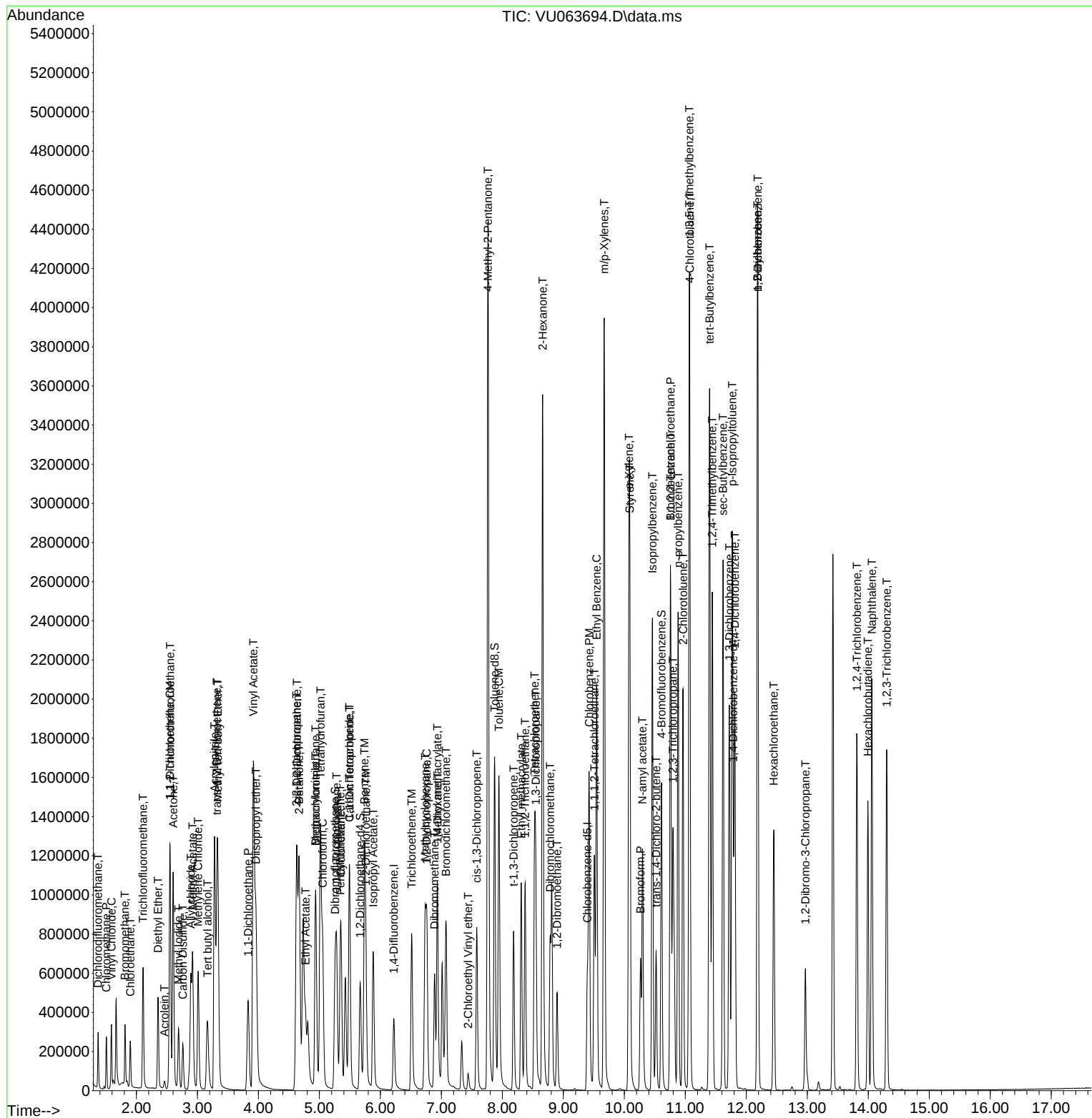
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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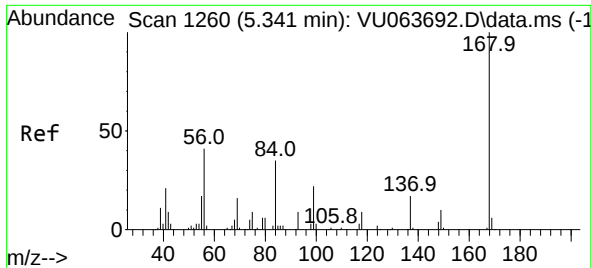
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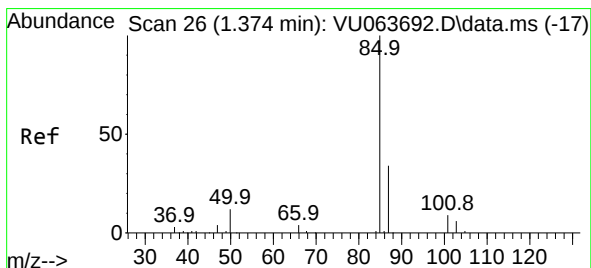
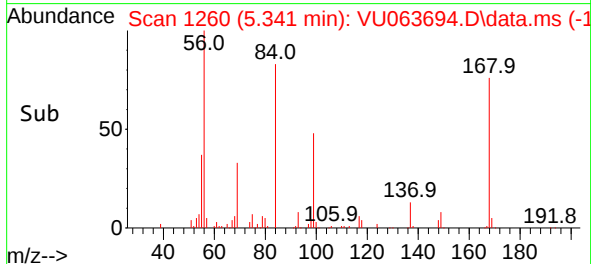
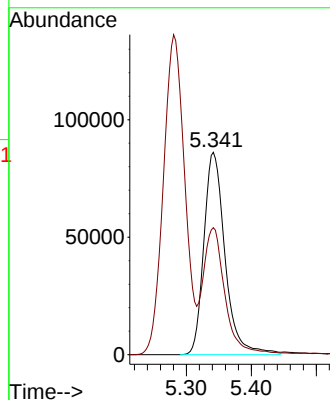
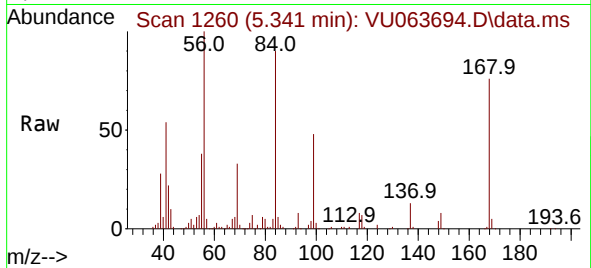




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.341 min Scan# 11
Delta R.T. 0.000 min
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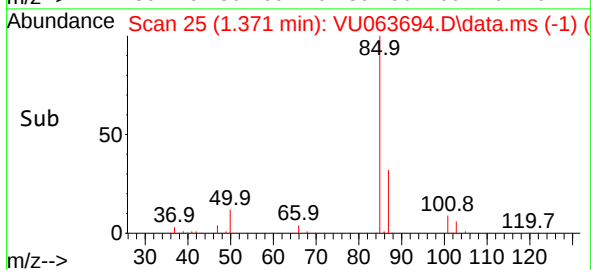
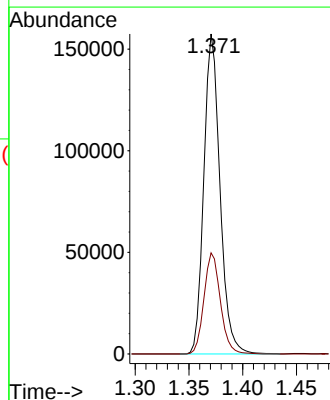
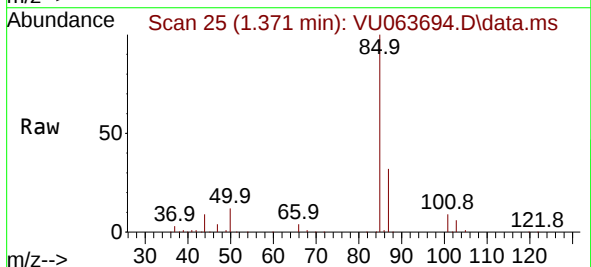
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

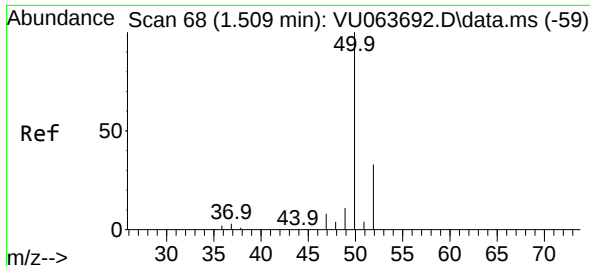
Tgt Ion:168 Resp: 196020
Ion Ratio Lower Upper
168 100
99 61.9 48.2 72.4



#2
Dichlorodifluoromethane
Concen: 138.791 ug/l
RT: 1.371 min Scan# 25
Delta R.T. -0.003 min
Lab File: VU063694.D
Acq: 10 Nov 2025 14:30

Tgt Ion: 85 Resp: 164301
Ion Ratio Lower Upper
85 100
87 31.6 17.0 51.0

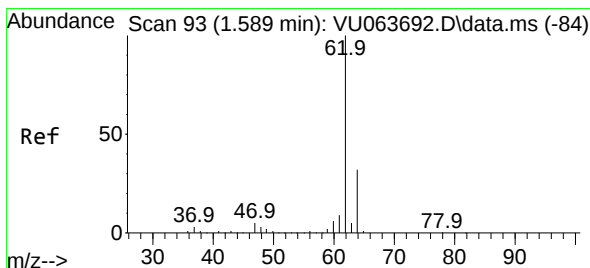
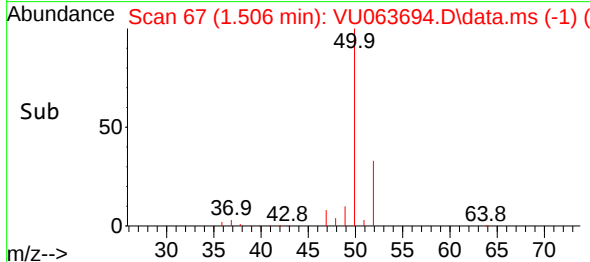
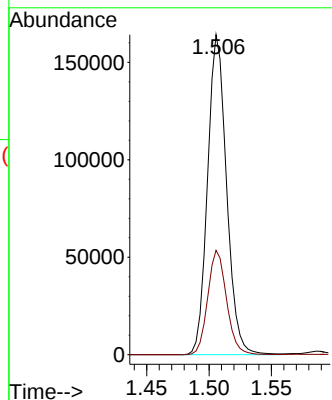
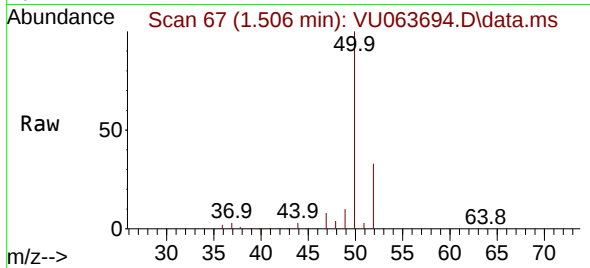




#3
Chloromethane
Concen: 152.005 ug/l
RT: 1.506 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU063694.D
Acq: 10 Nov 2025 14:30

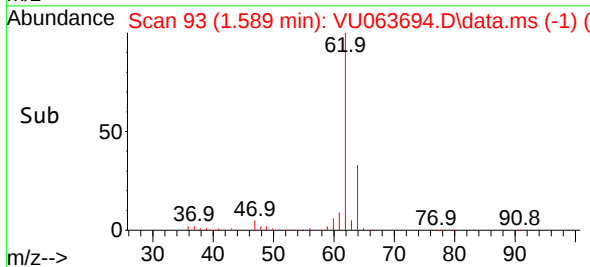
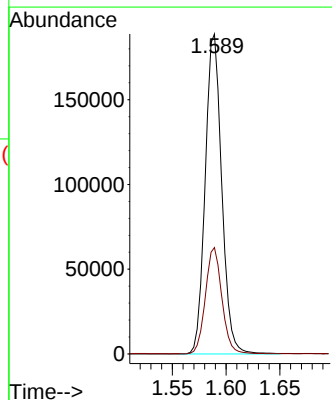
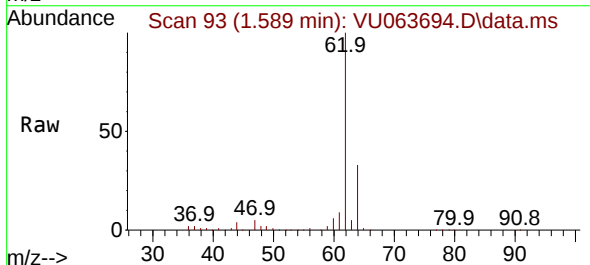
Instrument :
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ClientSampleId :
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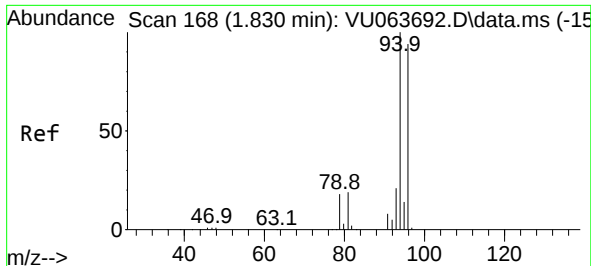
Tgt Ion: 50 Resp: 174511
Ion Ratio Lower Upper
50 100
52 32.6 26.3 39.5



#4
Vinyl Chloride
Concen: 138.935 ug/l
RT: 1.589 min Scan# 93
Delta R.T. -0.000 min
Lab File: VU063694.D
Acq: 10 Nov 2025 14:30

Tgt Ion: 62 Resp: 202293
Ion Ratio Lower Upper
62 100
64 33.2 25.9 38.9

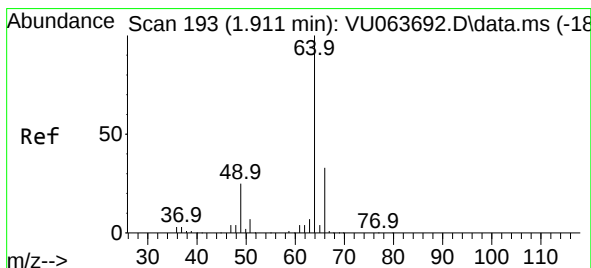
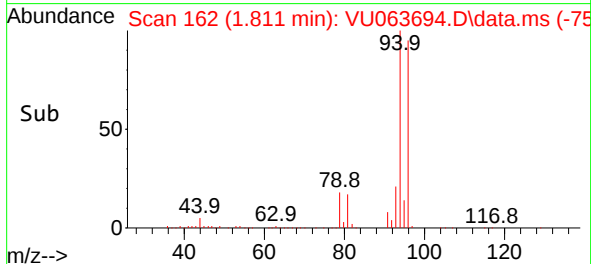
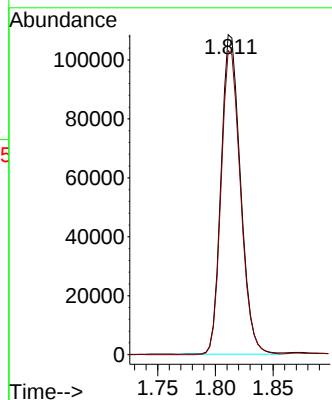
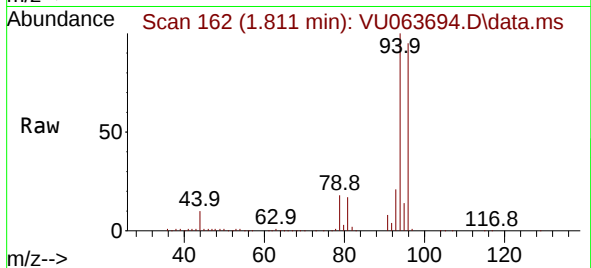




#5
Bromomethane
Concen: 150.570 ug/l
RT: 1.811 min Scan# 11
Delta R.T. -0.019 min
Lab File: VU063694.D
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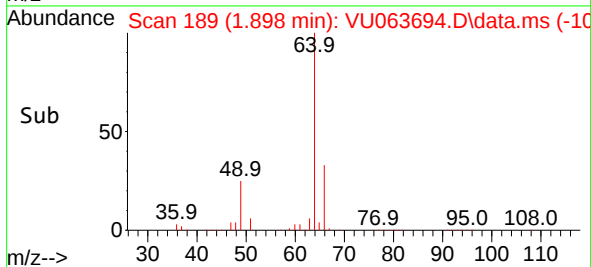
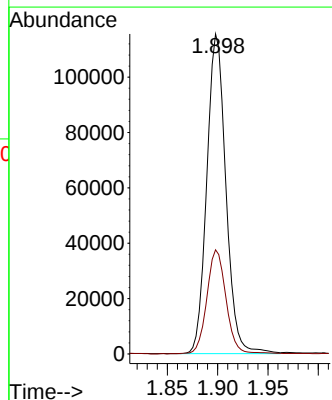
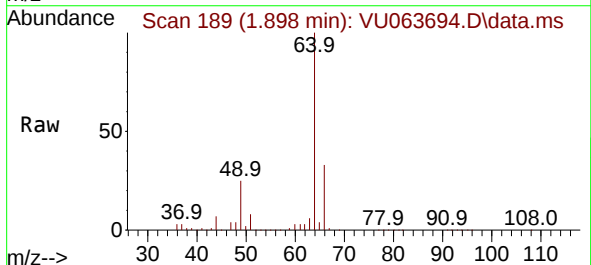
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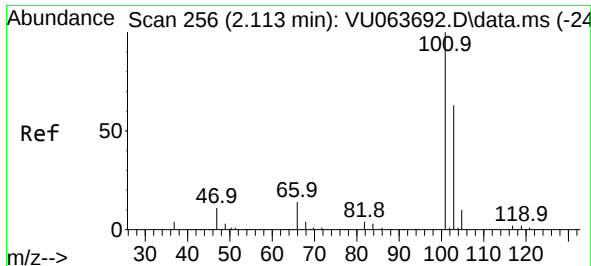
Tgt Ion: 94 Resp: 126769
Ion Ratio Lower Upper
94 100
96 95.1 74.8 112.2



#6
Chloroethane
Concen: 138.571 ug/l
RT: 1.898 min Scan# 189
Delta R.T. -0.013 min
Lab File: VU063694.D
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Tgt Ion: 64 Resp: 152584
Ion Ratio Lower Upper
64 100
66 32.5 26.4 39.6

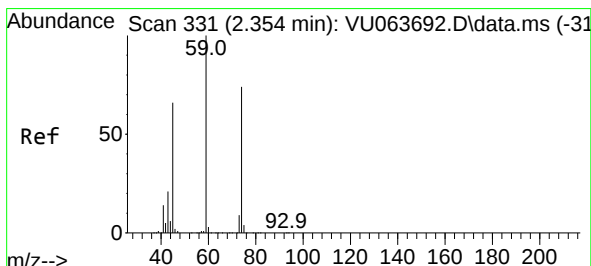
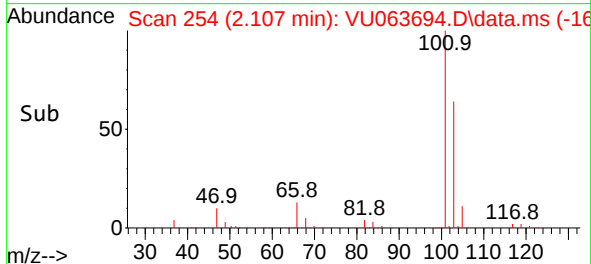
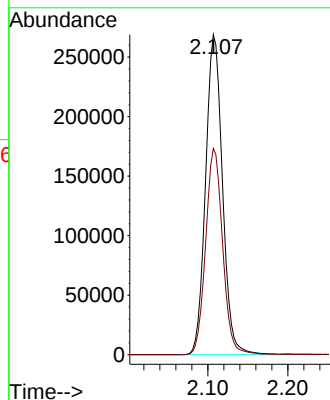
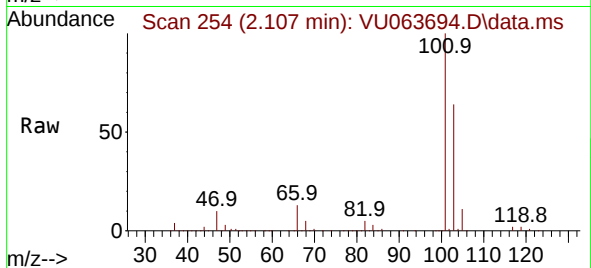




#7
Trichlorofluoromethane
Concen: 142.284 ug/l
RT: 2.107 min Scan# 21
Delta R.T. -0.006 min
Lab File: VU063694.D
Acq: 10 Nov 2025 14:30

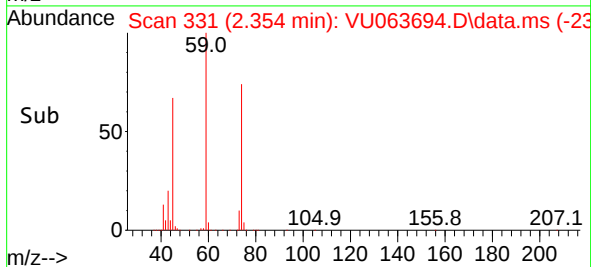
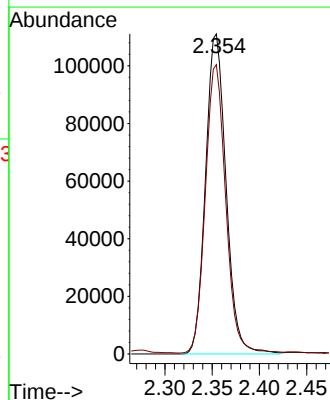
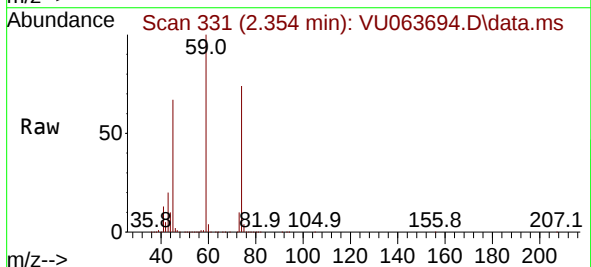
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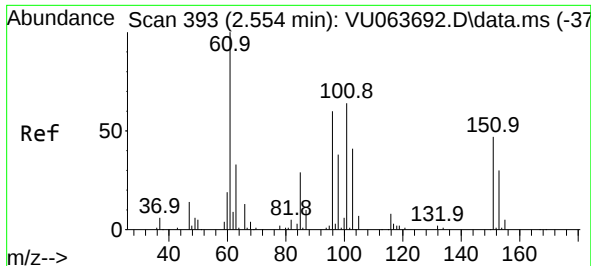
Tgt Ion:101 Resp: 396398
Ion Ratio Lower Upper
101 100
103 64.5 50.3 75.5



#8
Diethyl Ether
Concen: 141.672 ug/l
RT: 2.354 min Scan# 331
Delta R.T. -0.000 min
Lab File: VU063694.D
Acq: 10 Nov 2025 14:30

Tgt Ion: 74 Resp: 167802
Ion Ratio Lower Upper
74 100
45 89.3 44.1 132.4

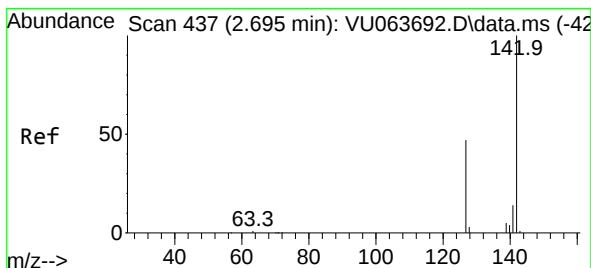
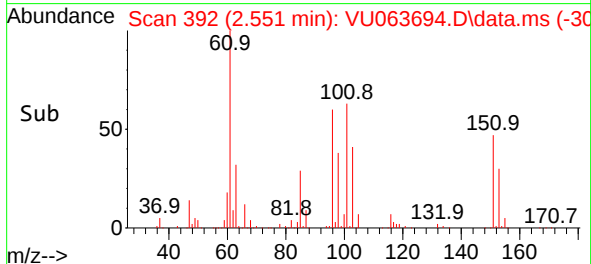
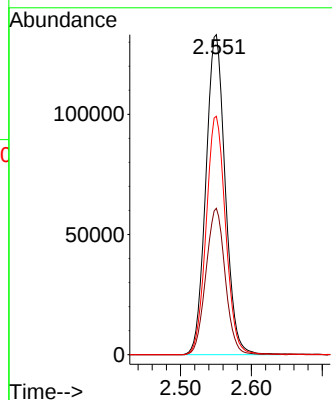
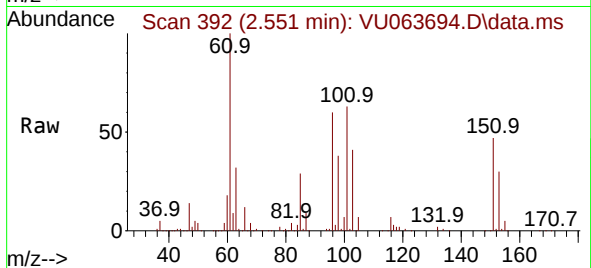




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 142.861 ug/l
 RT: 2.551 min Scan# 391
 Delta R.T. -0.003 min
 Lab File: VU063694.D
 Acq: 10 Nov 2025 14:30

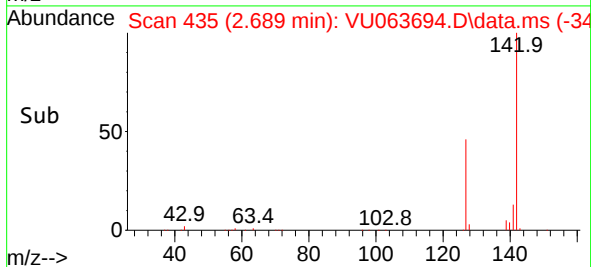
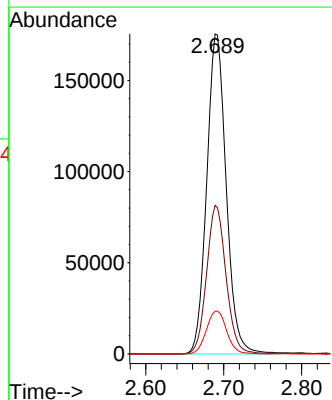
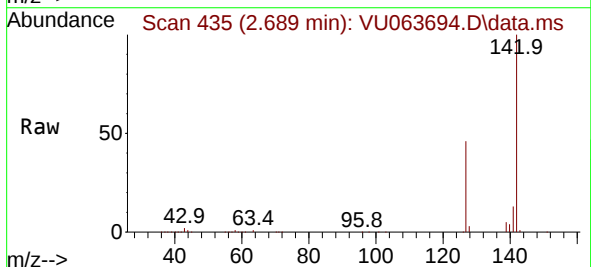
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

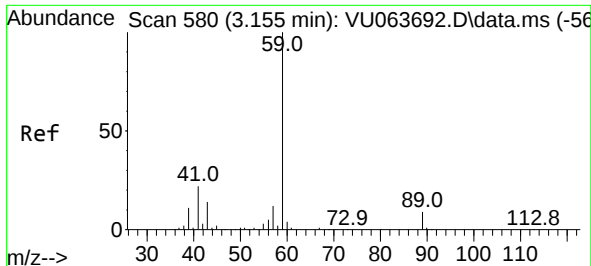
Tgt Ion:101 Resp: 252885
 Ion Ratio Lower Upper
 101 100
 85 45.6 36.2 54.4
 151 74.8 58.5 87.7



#10
 Methyl Iodide
 Concen: 149.105 ug/l
 RT: 2.689 min Scan# 435
 Delta R.T. -0.006 min
 Lab File: VU063694.D
 Acq: 10 Nov 2025 14:30

Tgt Ion:142 Resp: 304495
 Ion Ratio Lower Upper
 142 100
 127 46.4 37.2 55.8
 141 14.0 11.4 17.0

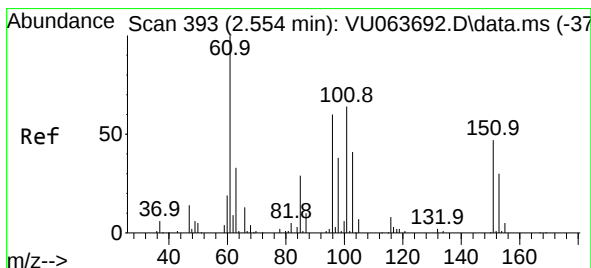
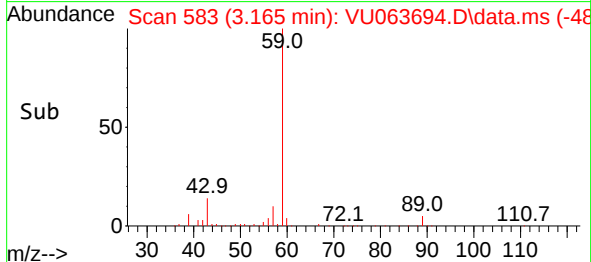
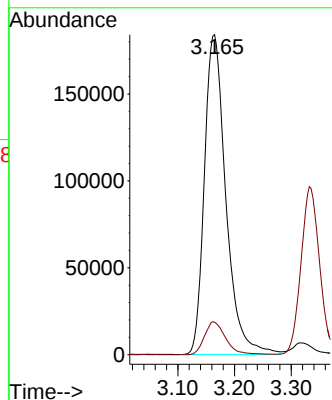
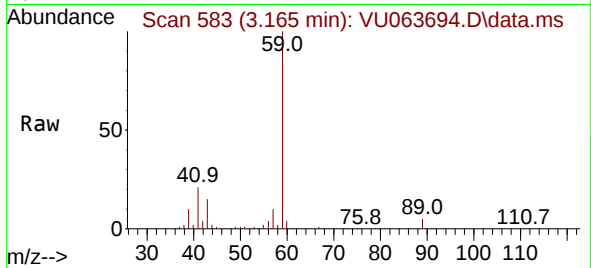




#11
Tert butyl alcohol
Concen: 718.141 ug/l
RT: 3.165 min Scan# 580
Delta R.T. 0.010 min
Lab File: VU063694.D
Acq: 10 Nov 2025 14:30

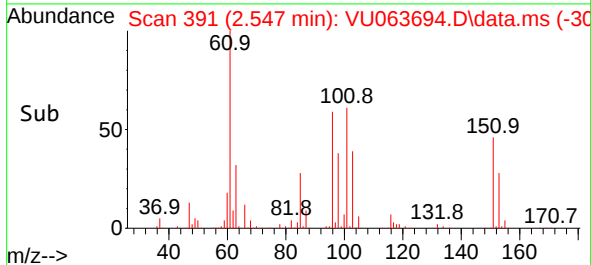
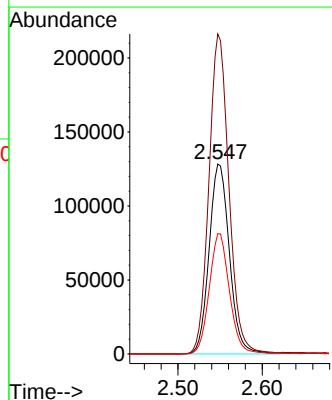
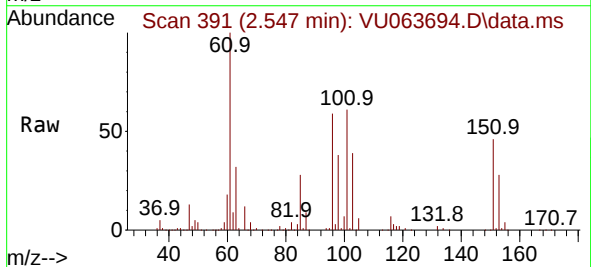
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

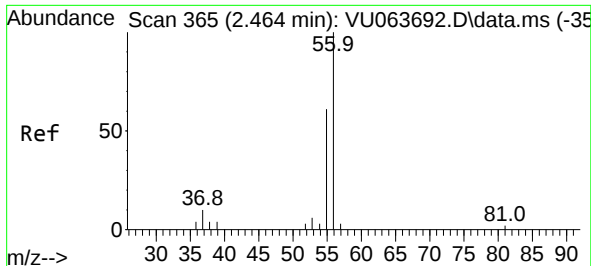
Tgt Ion: 59 Resp: 485177
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.2



#12
1,1-Dichloroethene
Concen: 141.269 ug/l
RT: 2.547 min Scan# 391
Delta R.T. -0.006 min
Lab File: VU063694.D
Acq: 10 Nov 2025 14:30

Tgt Ion: 96 Resp: 215320
Ion Ratio Lower Upper
96 100
61 168.5 133.1 199.7
98 63.3 50.7 76.1





#13

Acrolein

Concen: 761.302 ug/l

RT: 2.461 min Scan# 3

Delta R.T. -0.003 min

Lab File: VU063694.D

Acq: 10 Nov 2025 14:30

Instrument :

MSVOA_U

ClientSampleId :

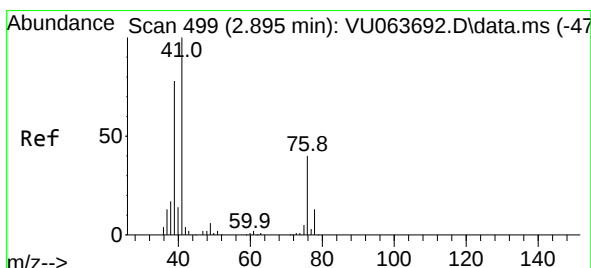
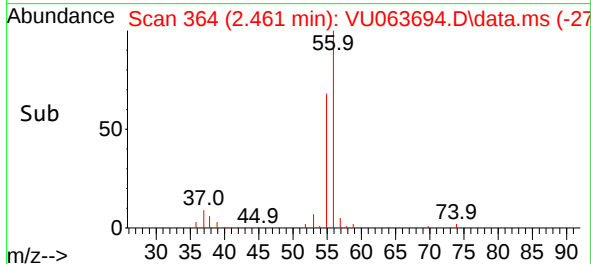
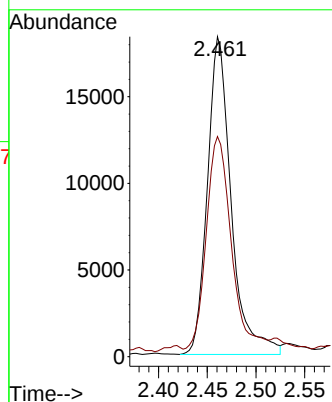
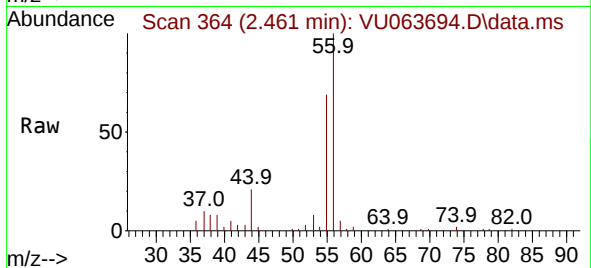
VSTDIC150

Tgt Ion: 56 Resp: 31163

Ion Ratio Lower Upper

56 100

55 69.5 47.1 70.7



#14

Allyl chloride

Concen: 146.640 ug/l

RT: 2.891 min Scan# 498

Delta R.T. -0.003 min

Lab File: VU063694.D

Acq: 10 Nov 2025 14:30

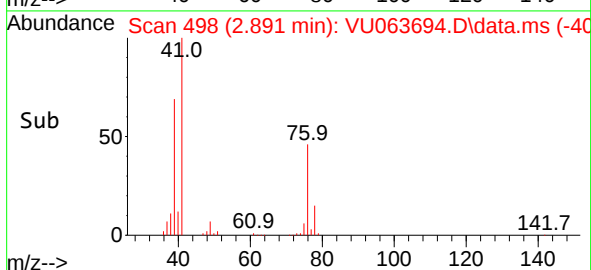
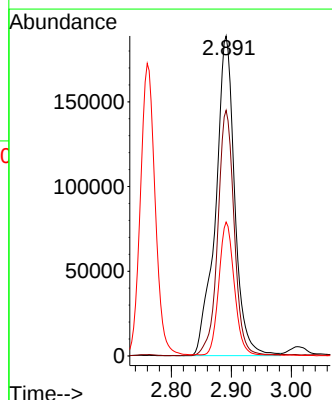
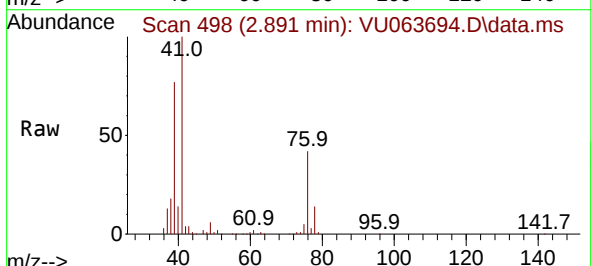
Tgt Ion: 41 Resp: 416846

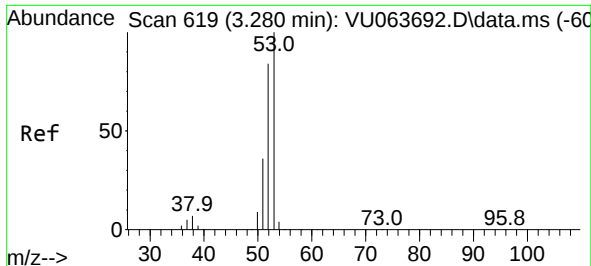
Ion Ratio Lower Upper

41 100

39 66.2 53.1 79.7

76 33.8 26.4 39.6



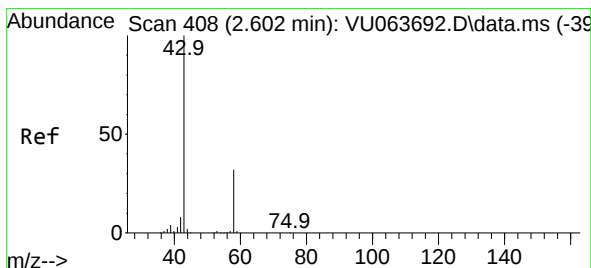
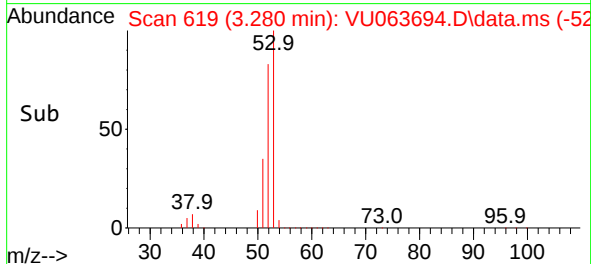
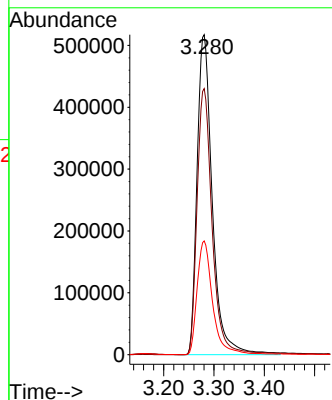
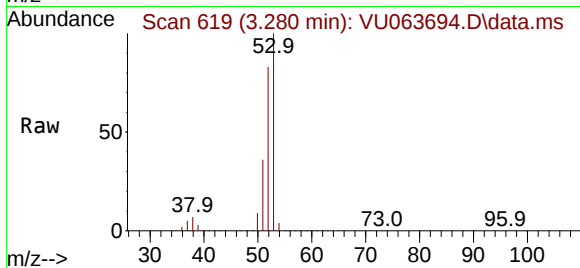


#15
Acrylonitrile
Concen: 787.981 ug/l
RT: 3.280 min Scan# 619
Delta R.T. -0.000 min
Lab File: VU063694.D
Acq: 10 Nov 2025 14:30

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Tgt Ion: 53 Resp: 1090263

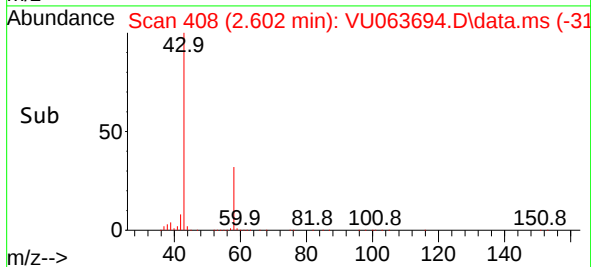
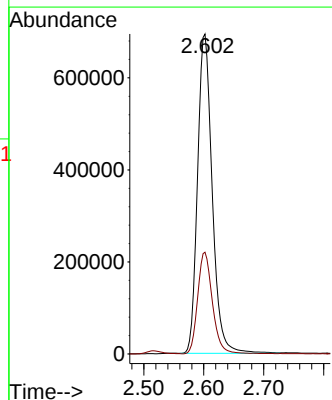
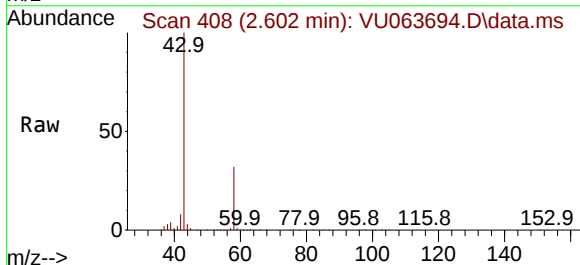
Ion	Ratio	Lower	Upper
53	100		
52	82.7	67.5	101.3
51	36.2	29.0	43.6

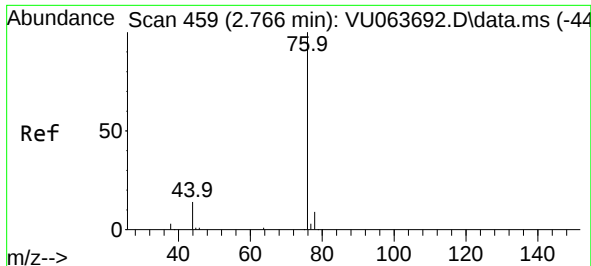


#16
Acetone
Concen: 753.129 ug/l
RT: 2.602 min Scan# 408
Delta R.T. -0.000 min
Lab File: VU063694.D
Acq: 10 Nov 2025 14:30

Tgt Ion: 43 Resp: 1183396

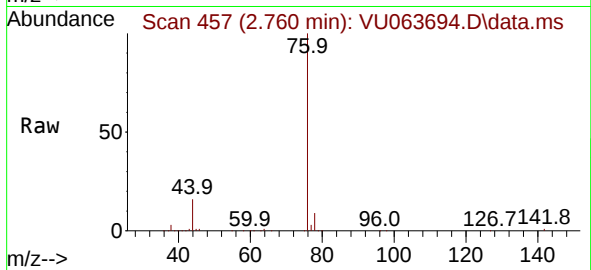
Ion	Ratio	Lower	Upper
43	100		
58	31.8	25.4	38.2



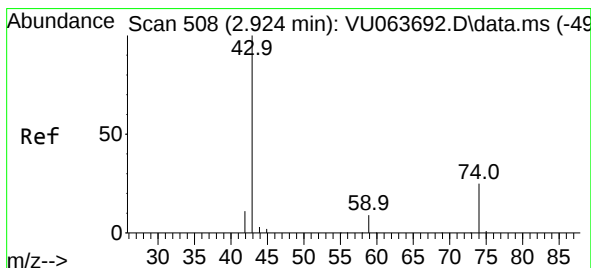
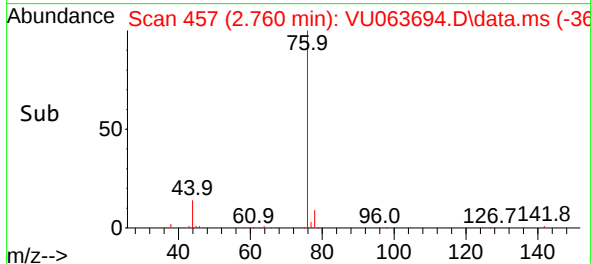
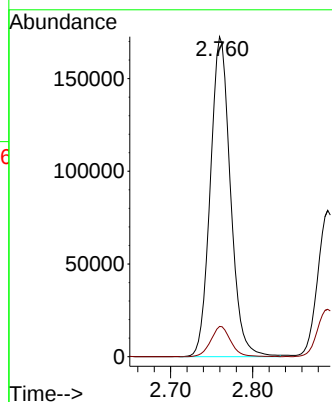


#17
Carbon Disulfide
Concen: 151.878 ug/l
RT: 2.760 min Scan# 41
Delta R.T. -0.006 min
Lab File: VU063694.D
Acq: 10 Nov 2025 14:30

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

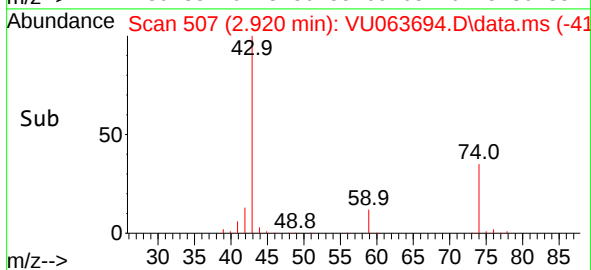
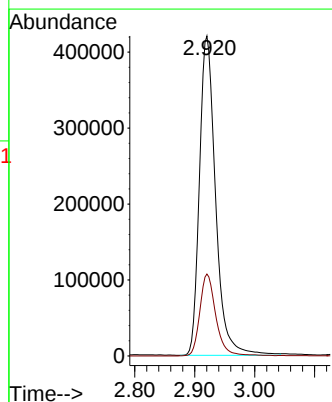
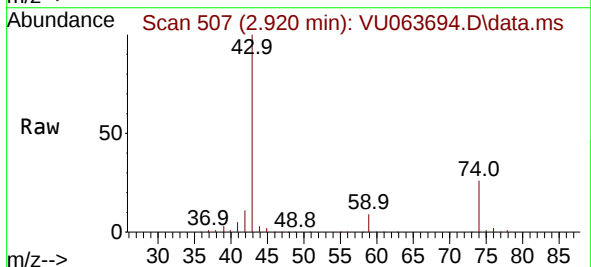


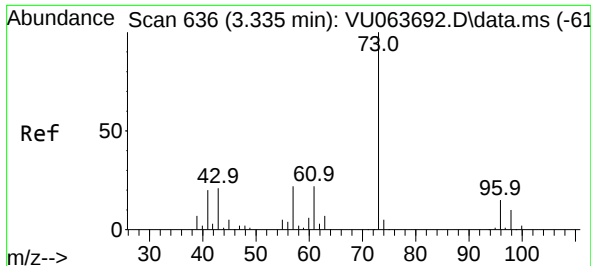
Tgt Ion: 76 Resp: 294504
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.6



#18
Methyl Acetate
Concen: 151.939 ug/l
RT: 2.920 min Scan# 507
Delta R.T. -0.004 min
Lab File: VU063694.D
Acq: 10 Nov 2025 14:30

Tgt Ion: 43 Resp: 789274
Ion Ratio Lower Upper
43 100
74 25.6 20.6 31.0

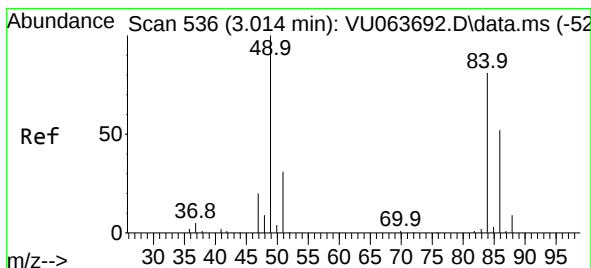
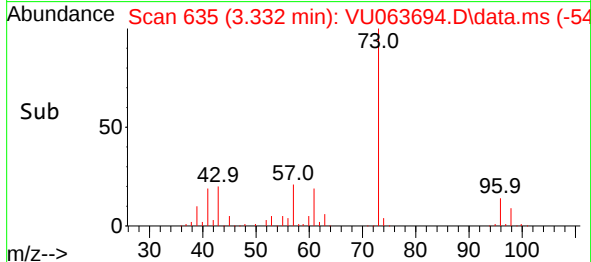
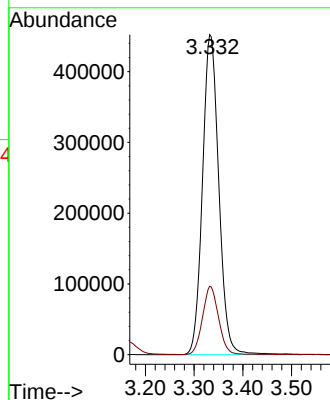
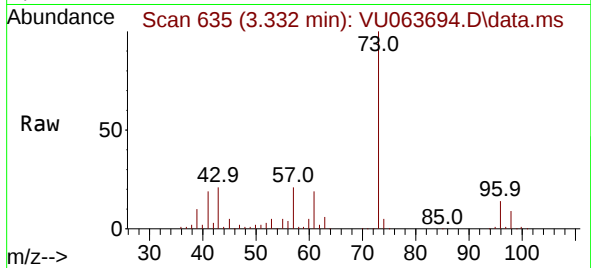




#19
Methyl tert-butyl Ether
Concen: 152.760 ug/l
RT: 3.332 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU063694.D
Acq: 10 Nov 2025 14:30

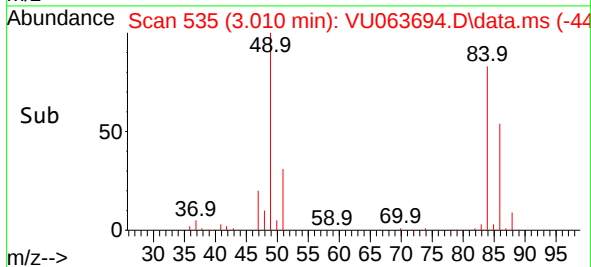
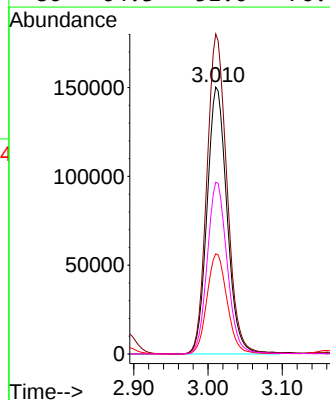
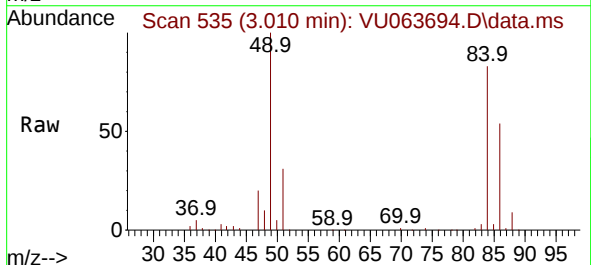
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

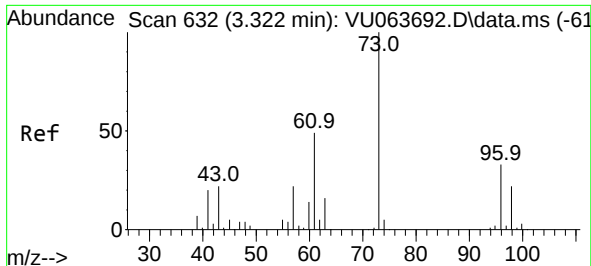
Tgt Ion: 73 Resp: 1050582
Ion Ratio Lower Upper
73 100
57 21.3 17.4 26.2



#20
Methylene Chloride
Concen: 151.230 ug/l
RT: 3.010 min Scan# 535
Delta R.T. -0.004 min
Lab File: VU063694.D
Acq: 10 Nov 2025 14:30

Tgt Ion: 84 Resp: 280341
Ion Ratio Lower Upper
84 100
49 119.9 98.4 147.6
51 37.5 30.1 45.1
86 64.3 51.0 76.6

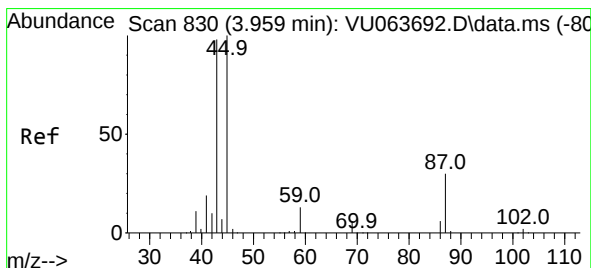
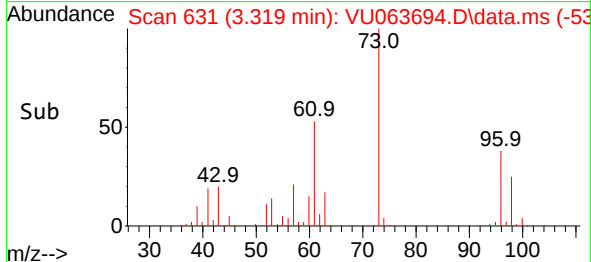
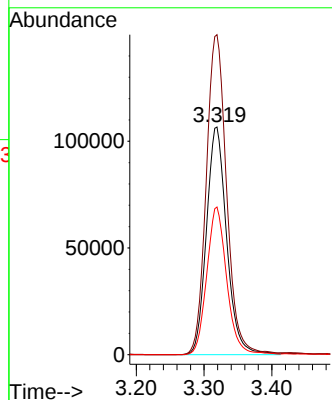
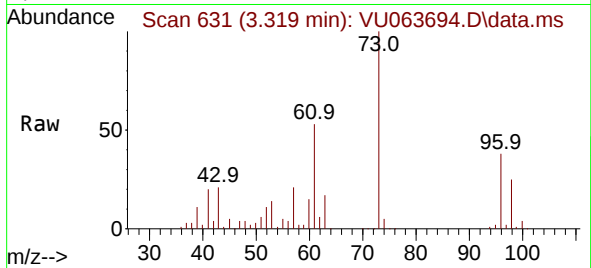




#21
trans-1,2-Dichloroethene
Concen: 141.521 ug/l
RT: 3.319 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU063694.D
Acq: 10 Nov 2025 14:30

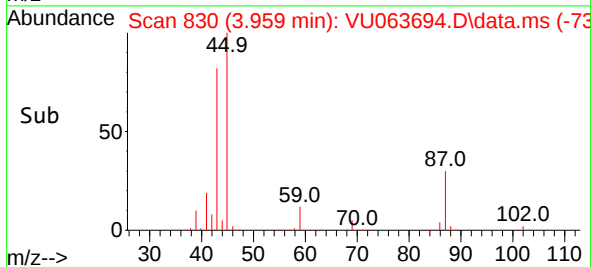
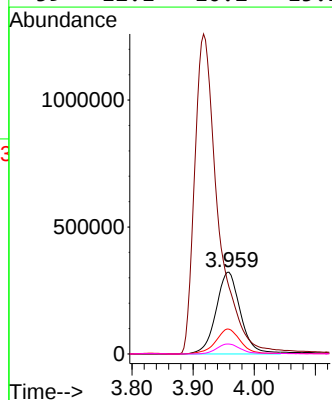
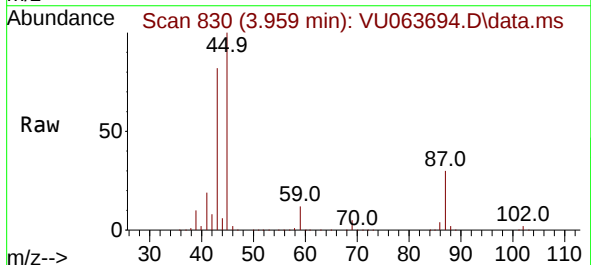
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

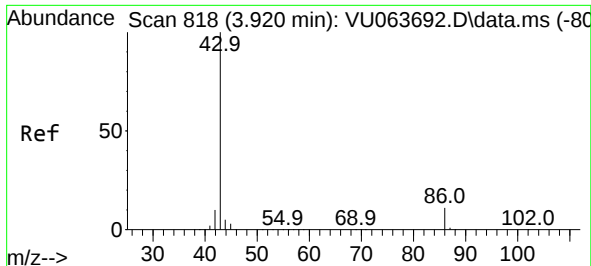
Tgt Ion: 96 Resp: 221458
Ion Ratio Lower Upper
96 100
61 140.5 117.5 176.3
98 64.9 52.7 79.1



#22
Diisopropyl ether
Concen: 142.630 ug/l
RT: 3.959 min Scan# 830
Delta R.T. -0.000 min
Lab File: VU063694.D
Acq: 10 Nov 2025 14:30

Tgt Ion: 45 Resp: 892989
Ion Ratio Lower Upper
45 100
43 81.5 78.1 117.1
87 30.3 23.8 35.8
59 12.1 10.2 15.2

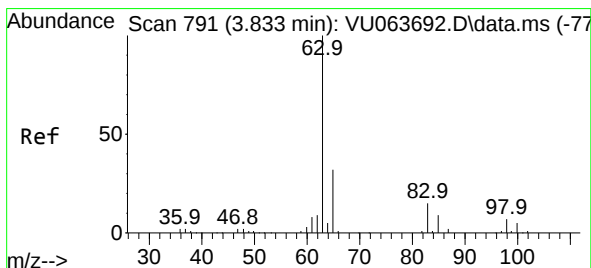
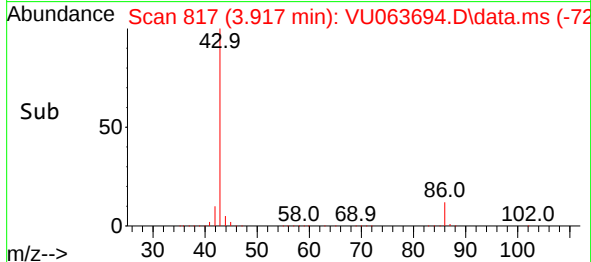
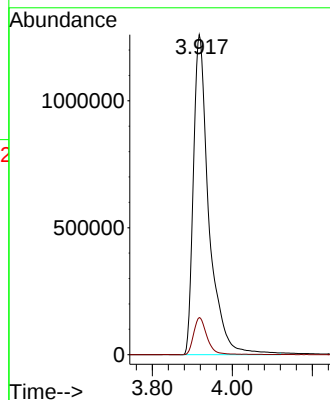
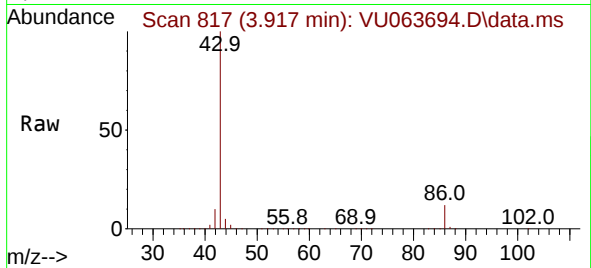




#23
 Vinyl Acetate
 Concen: 798.355 ug/l
 RT: 3.917 min Scan# 817
 Delta R.T. -0.003 min
 Lab File: VU063694.D
 Acq: 10 Nov 2025 14:30

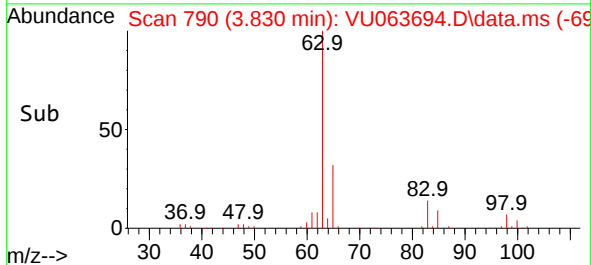
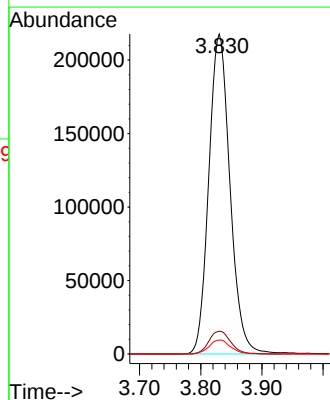
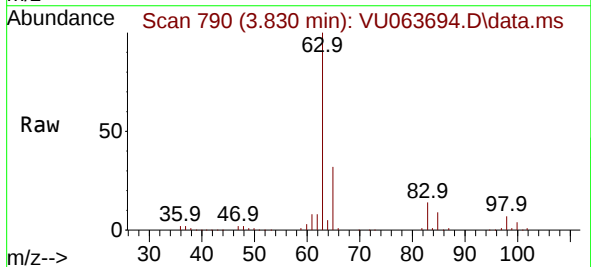
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

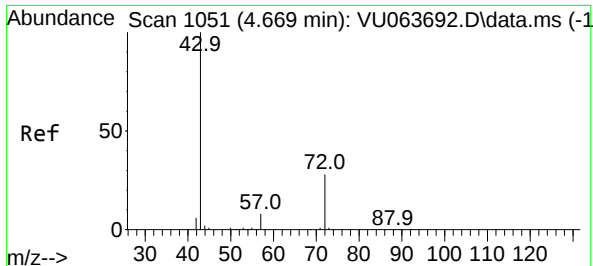
Tgt Ion: 43 Resp: 3408811
 Ion Ratio Lower Upper
 43 100
 86 11.6 8.7 13.1



#24
 1,1-Dichloroethane
 Concen: 145.156 ug/l
 RT: 3.830 min Scan# 790
 Delta R.T. -0.003 min
 Lab File: VU063694.D
 Acq: 10 Nov 2025 14:30

Tgt Ion: 63 Resp: 524147
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.7 11.1
 100 4.3 2.5 7.5





#25

2-Butanone

Concen: 782.993 ug/l

RT: 4.666 min Scan# 1050

Delta R.T. -0.003 min

Lab File: VU063694.D

Acq: 10 Nov 2025 14:30

Instrument :

MSVOA_U

ClientSampleId :

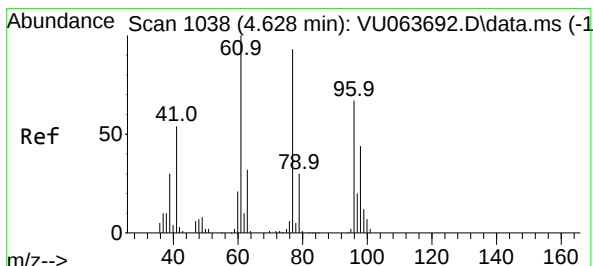
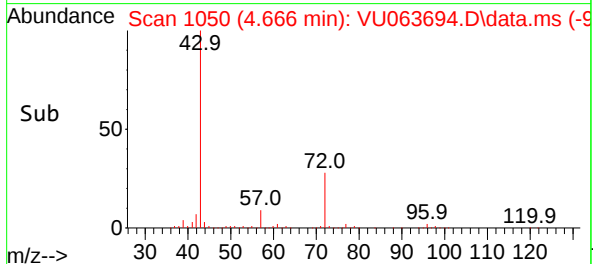
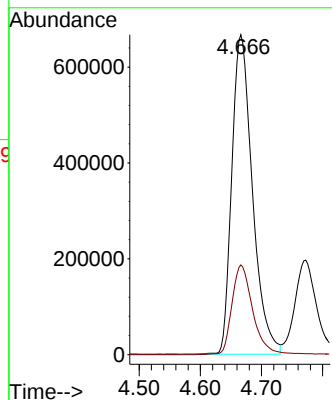
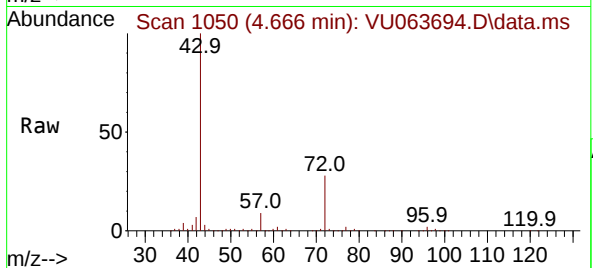
VSTDIC150

Tgt Ion: 43 Resp: 1561103

Ion Ratio Lower Upper

43 100

72 28.1 22.0 33.0



#26

2,2-Dichloropropane

Concen: 150.666 ug/l

RT: 4.624 min Scan# 1037

Delta R.T. -0.003 min

Lab File: VU063694.D

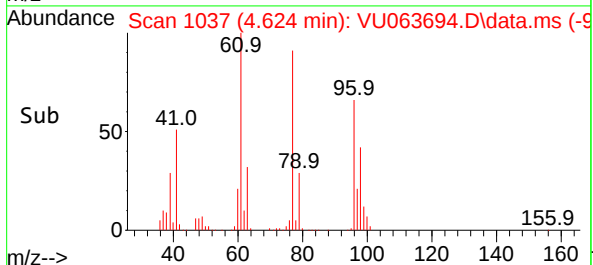
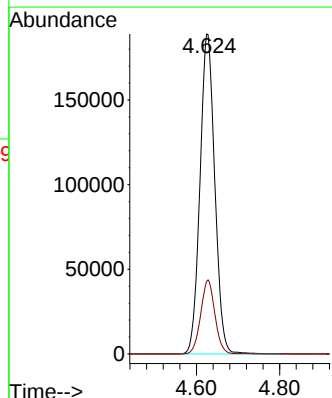
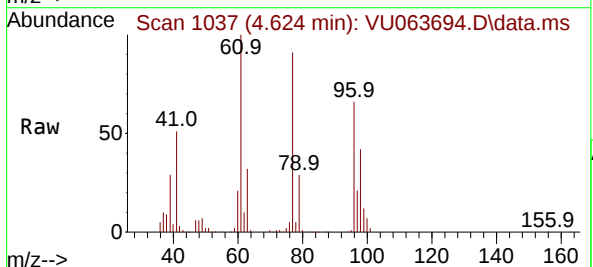
Acq: 10 Nov 2025 14:30

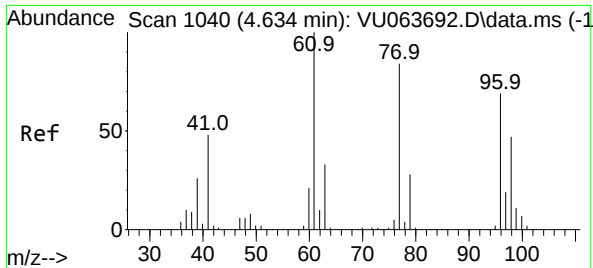
Tgt Ion: 77 Resp: 467260

Ion Ratio Lower Upper

77 100

97 22.1 10.9 32.9

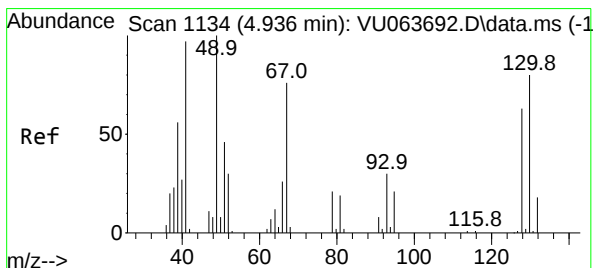
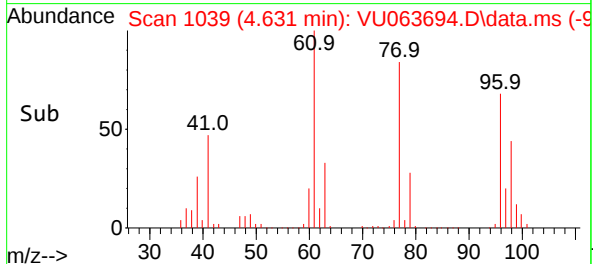
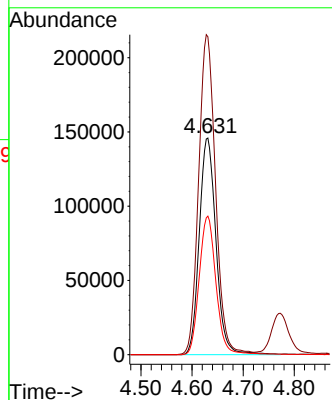
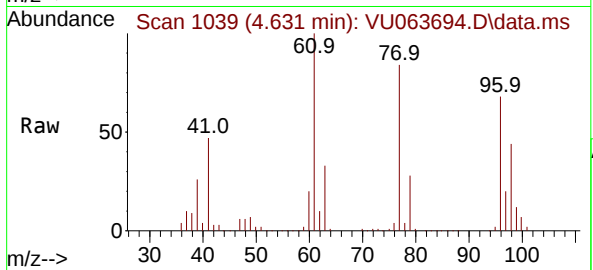




#27
 cis-1,2-Dichloroethene
 Concen: 145.324 ug/l
 RT: 4.631 min Scan# 1039
 Delta R.T. -0.003 min
 Lab File: VU063694.D
 Acq: 10 Nov 2025 14:30

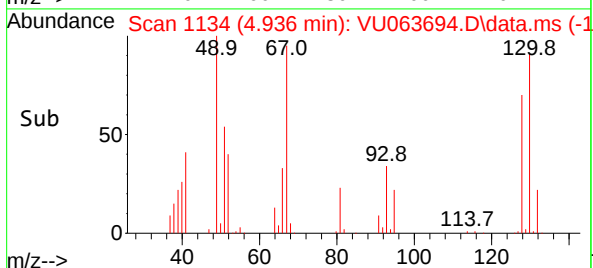
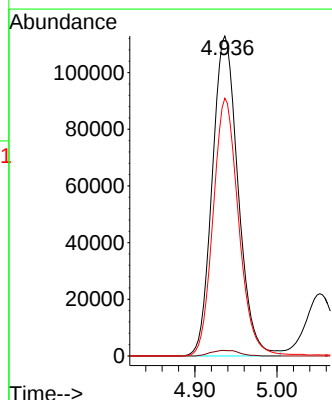
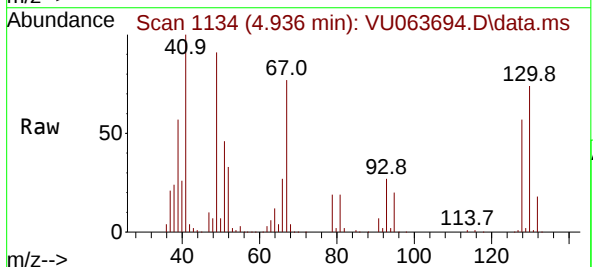
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

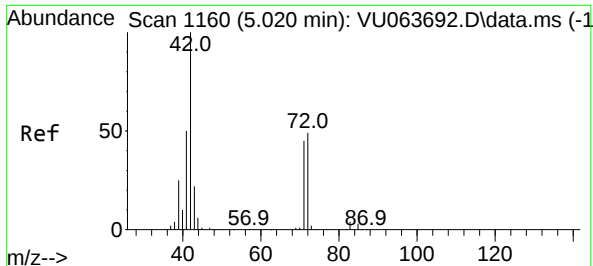
Tgt Ion: 96 Resp: 332244
 Ion Ratio Lower Upper
 96 100
 61 149.1 0.0 295.4
 98 64.2 0.0 131.8



#28
 Bromochloromethane
 Concen: 171.394 ug/l
 RT: 4.936 min Scan# 1134
 Delta R.T. -0.000 min
 Lab File: VU063694.D
 Acq: 10 Nov 2025 14:30

Tgt Ion: 49 Resp: 247639
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.6
 130 79.4 65.1 97.7





#29

Tetrahydrofuran

Concen: 769.814 ug/l

RT: 5.017 min Scan# 1159

Delta R.T. -0.003 min

Lab File: VU063694.D

Acq: 10 Nov 2025 14:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

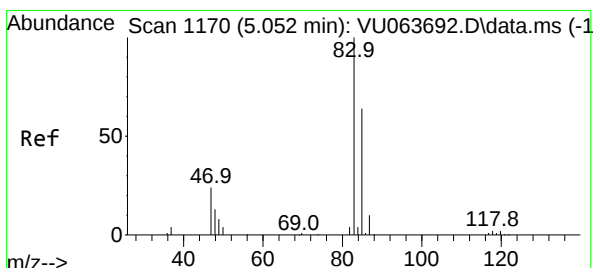
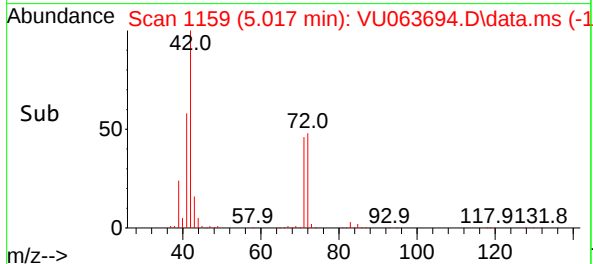
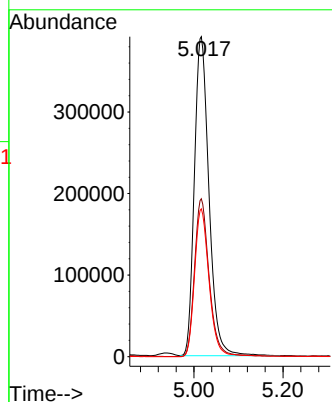
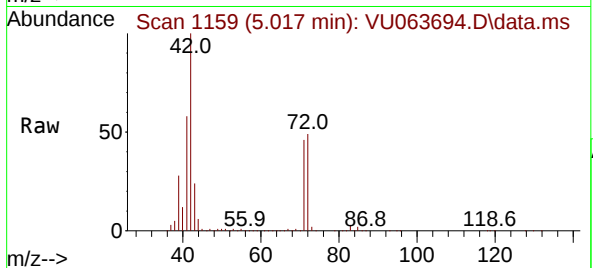
Tgt Ion: 42 Resp: 893089

Ion Ratio Lower Upper

42 100

72 49.6 40.0 60.0

71 45.9 37.4 56.0



#30

Chloroform

Concen: 146.943 ug/l

RT: 5.052 min Scan# 1170

Delta R.T. -0.000 min

Lab File: VU063694.D

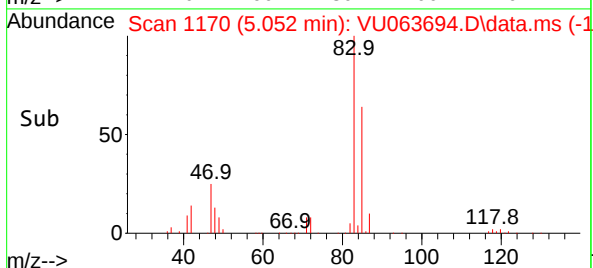
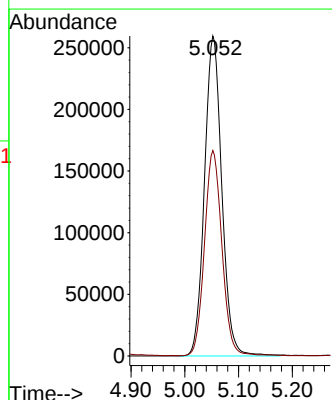
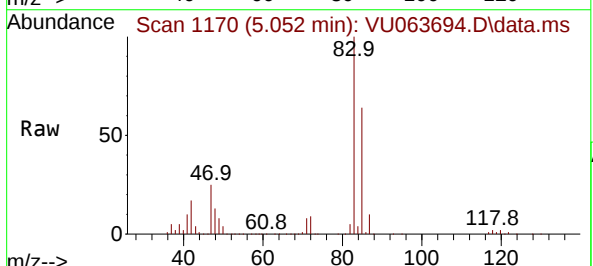
Acq: 10 Nov 2025 14:30

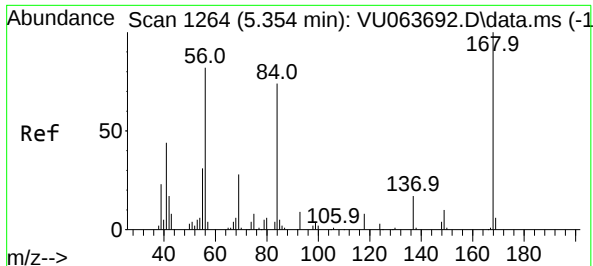
Tgt Ion: 83 Resp: 581303

Ion Ratio Lower Upper

83 100

85 64.1 51.0 76.6

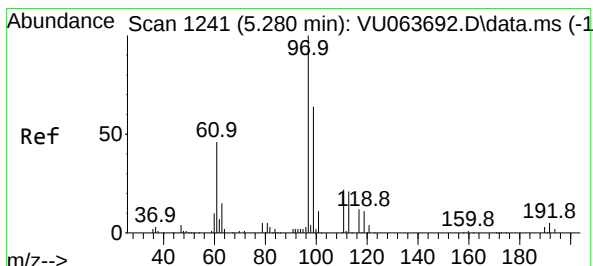
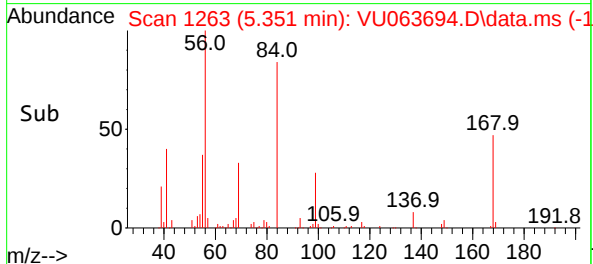
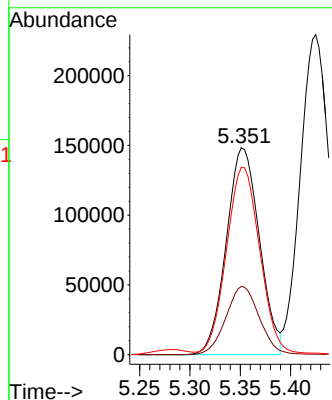
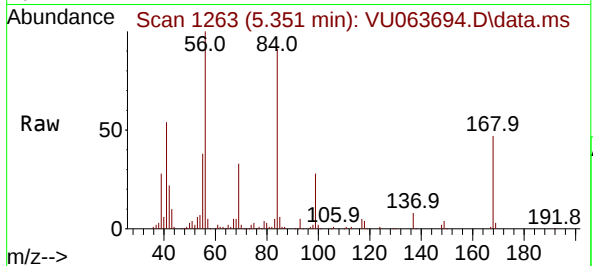




#31
Cyclohexane
Concen: 151.341 ug/l
RT: 5.351 min Scan# 1263
Delta R.T. -0.003 min
Lab File: VU063694.D
Acq: 10 Nov 2025 14:30

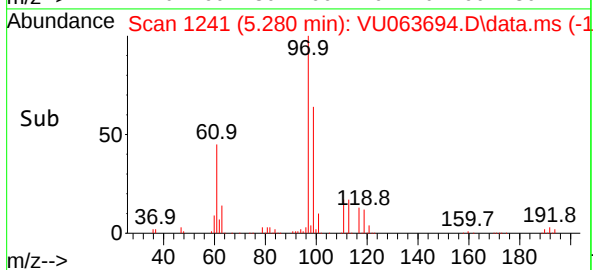
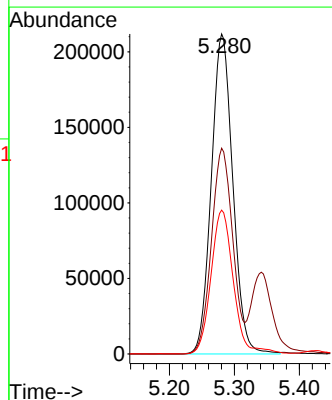
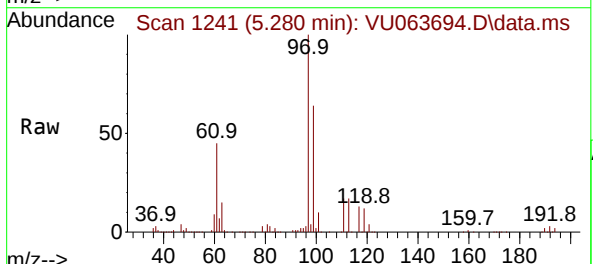
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

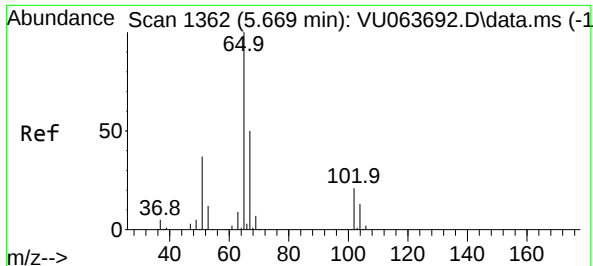
Tgt Ion: 56 Resp: 340376
Ion Ratio Lower Upper
56 100
69 33.0 27.0 40.6
84 88.3 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 149.688 ug/l
RT: 5.280 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VU063694.D
Acq: 10 Nov 2025 14:30

Tgt Ion: 97 Resp: 485923
Ion Ratio Lower Upper
97 100
99 64.0 49.8 74.8
61 46.9 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 145.686 ug/l

RT: 5.666 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU063694.D

Acq: 10 Nov 2025 14:30

Instrument :

MSVOA_U

ClientSampleId :

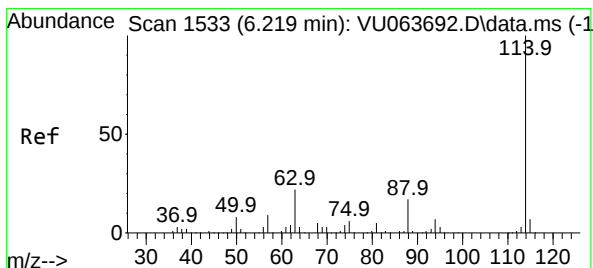
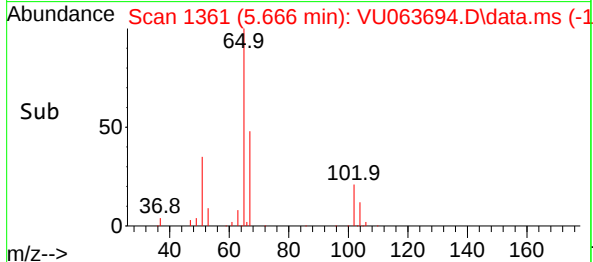
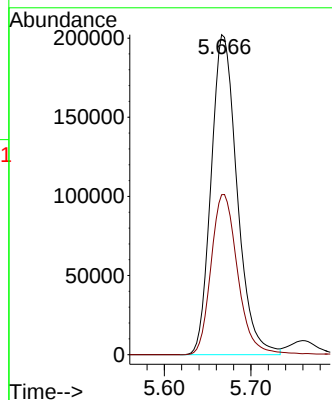
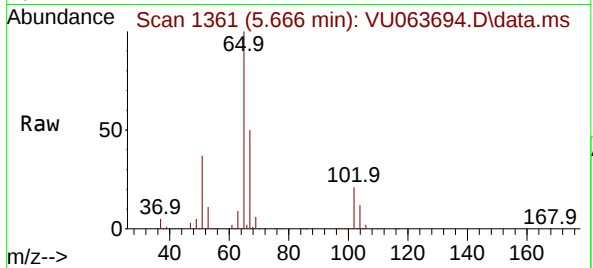
VSTDIC150

Tgt Ion: 65 Resp: 421861

Ion Ratio Lower Upper

65 100

67 51.4 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.219 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VU063694.D

Acq: 10 Nov 2025 14:30

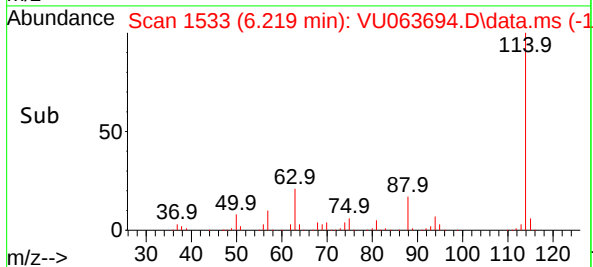
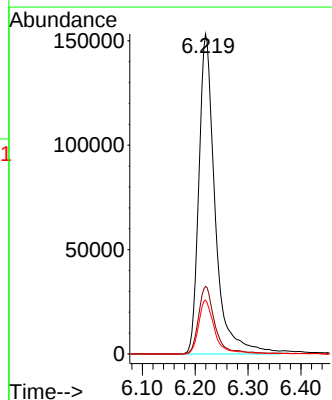
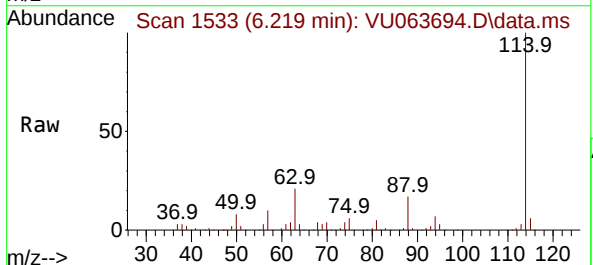
Tgt Ion: 114 Resp: 328099

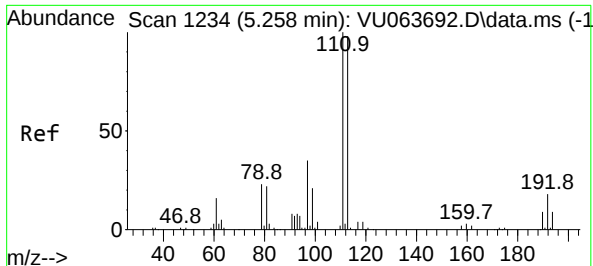
Ion Ratio Lower Upper

114 100

63 21.1 0.0 44.0

88 16.8 0.0 33.6

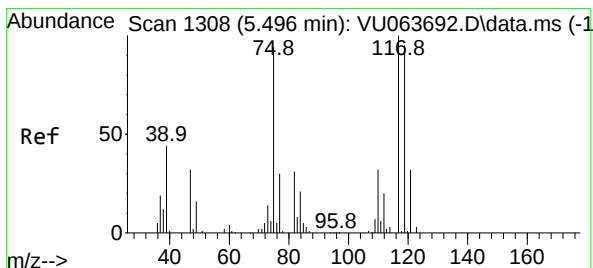
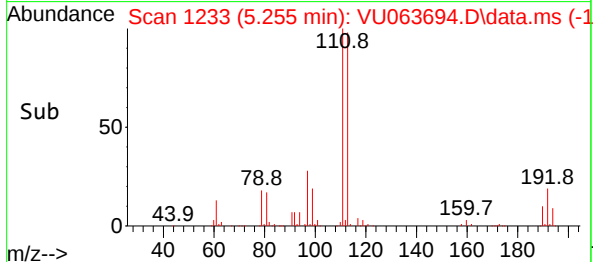
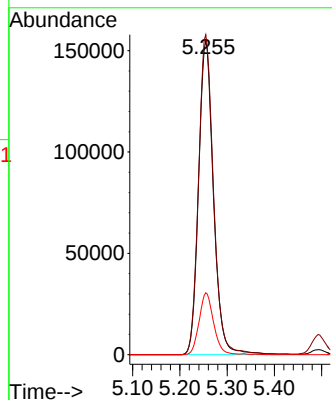
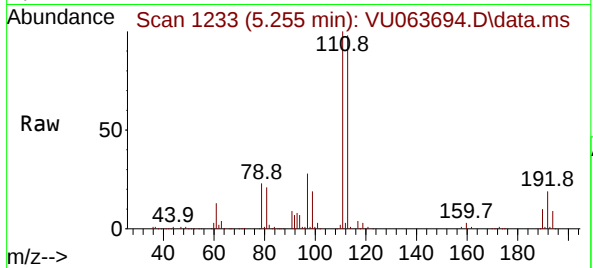




#35
Dibromofluoromethane
Concen: 147.150 ug/l
RT: 5.255 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU063694.D
Acq: 10 Nov 2025 14:30

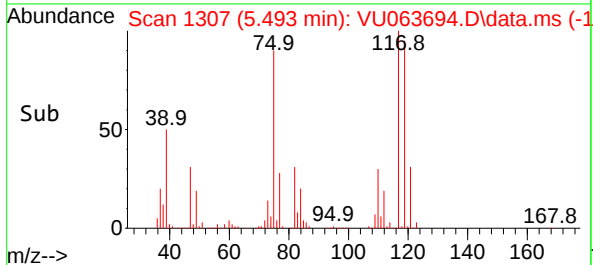
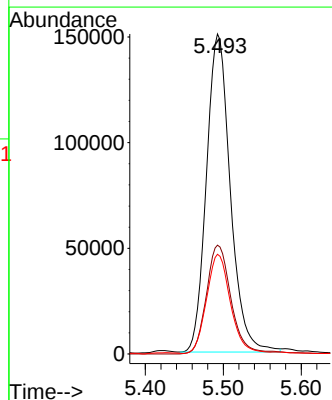
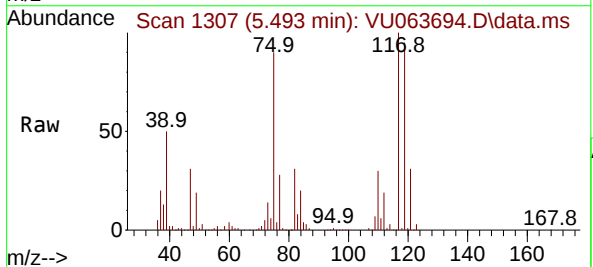
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

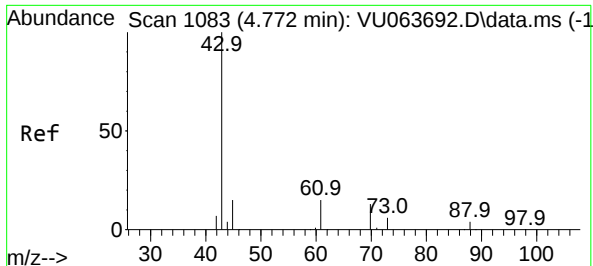
Tgt Ion:113 Resp: 338152
Ion Ratio Lower Upper
113 100
111 103.0 82.4 123.6
192 19.2 15.4 23.0



#36
1,1-Dichloropropene
Concen: 137.246 ug/l
RT: 5.493 min Scan# 1307
Delta R.T. -0.003 min
Lab File: VU063694.D
Acq: 10 Nov 2025 14:30

Tgt Ion: 75 Resp: 321007
Ion Ratio Lower Upper
75 100
110 35.8 17.3 51.7
77 31.0 24.4 36.6





#37

Ethyl Acetate

Concen: 153.005 ug/l

RT: 4.772 min Scan# 1083

Delta R.T. -0.000 min

Lab File: VU063694.D

Acq: 10 Nov 2025 14:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

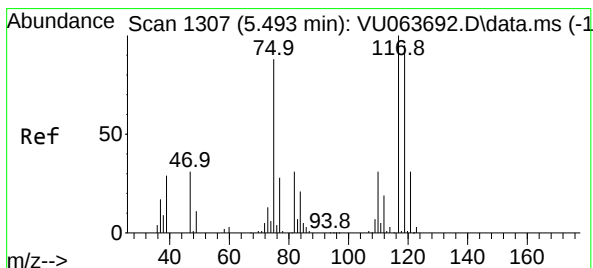
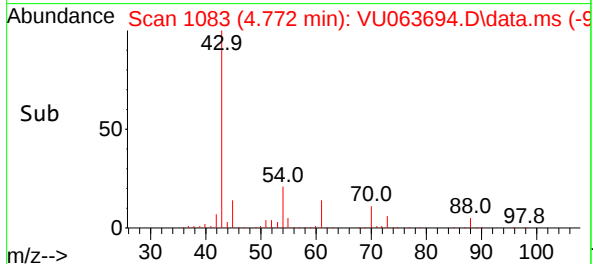
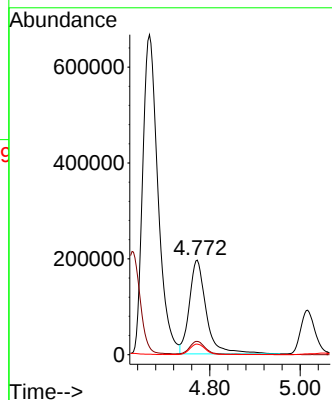
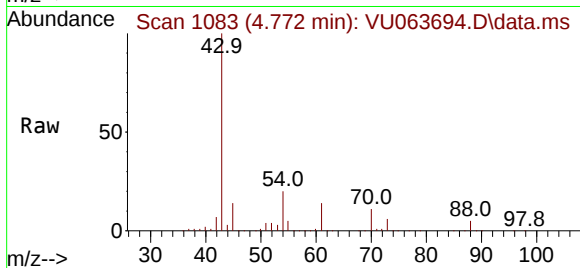
Tgt Ion: 43 Resp: 508796

Ion Ratio Lower Upper

43 100

61 12.7 10.3 15.5

70 10.2 8.9 13.3



#38

Carbon Tetrachloride

Concen: 151.568 ug/l

RT: 5.489 min Scan# 1306

Delta R.T. -0.003 min

Lab File: VU063694.D

Acq: 10 Nov 2025 14:30

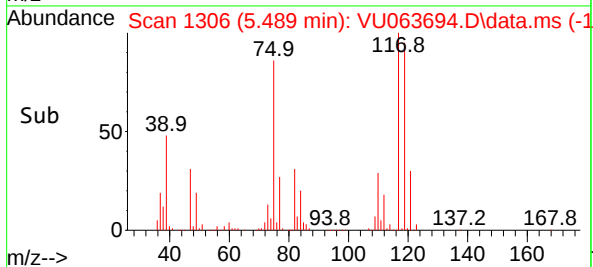
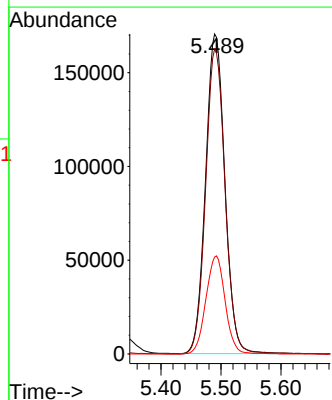
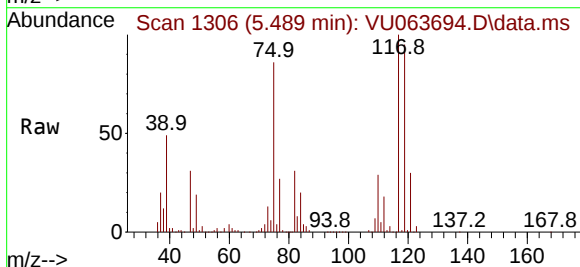
Tgt Ion: 117 Resp: 383153

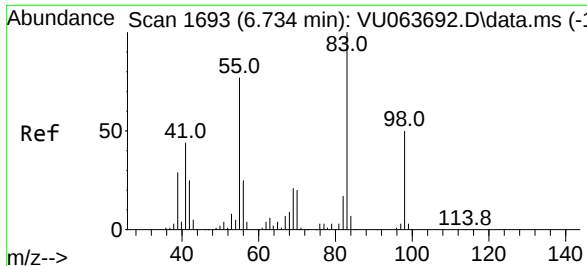
Ion Ratio Lower Upper

117 100

119 95.4 76.1 114.1

121 30.3 24.6 37.0

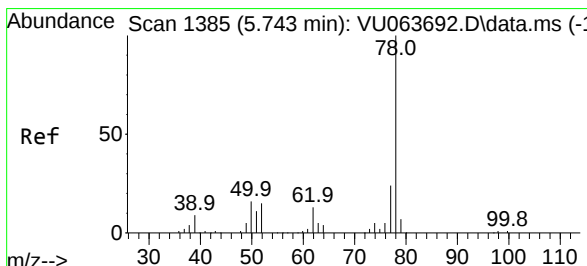
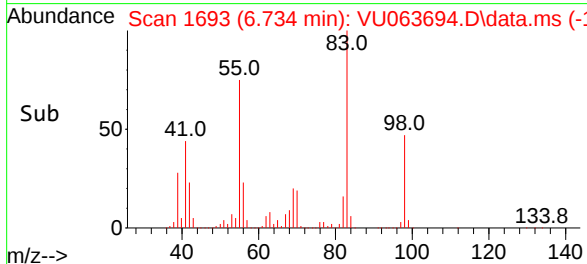
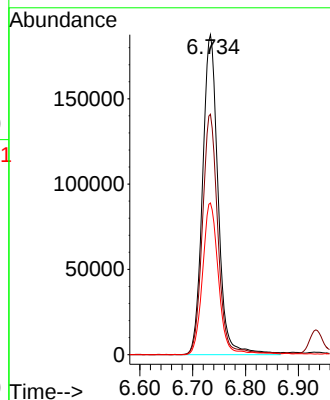
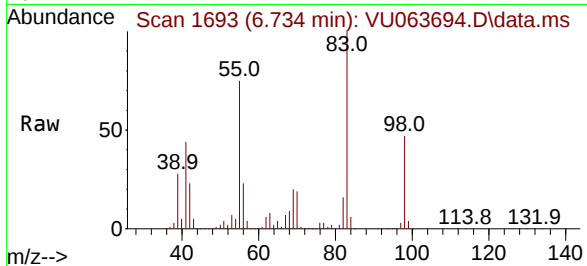




#39
Methylcyclohexane
Concen: 144.390 ug/l
RT: 6.734 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU063694.D
Acq: 10 Nov 2025 14:30

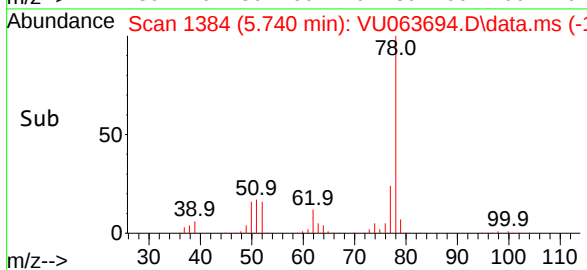
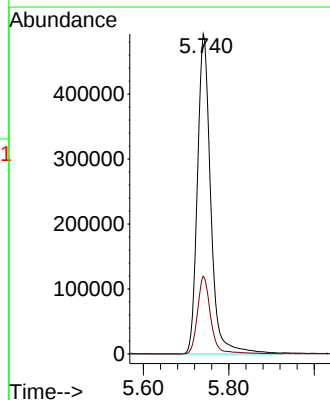
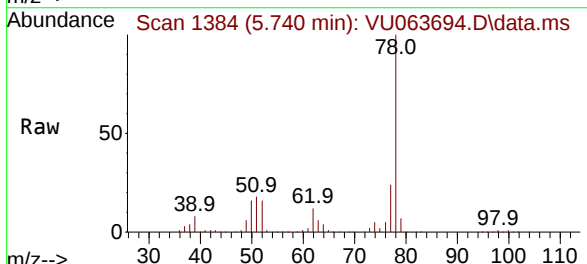
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

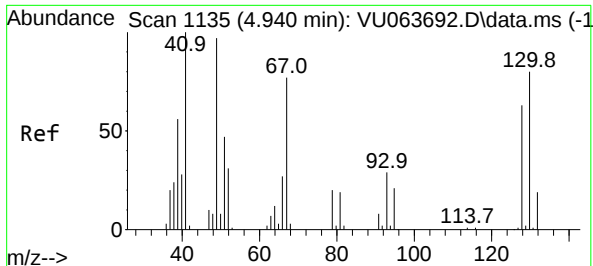
Tgt Ion: 83 Resp: 383425
Ion Ratio Lower Upper
83 100
55 75.1 61.6 92.4
98 47.4 40.0 60.0



#40
Benzene
Concen: 141.202 ug/l
RT: 5.740 min Scan# 1384
Delta R.T. -0.003 min
Lab File: VU063694.D
Acq: 10 Nov 2025 14:30

Tgt Ion: 78 Resp: 1065743
Ion Ratio Lower Upper
78 100
77 24.3 18.9 28.3



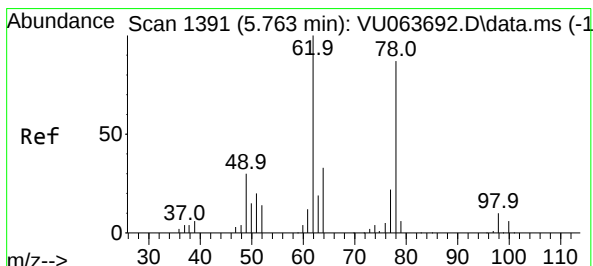
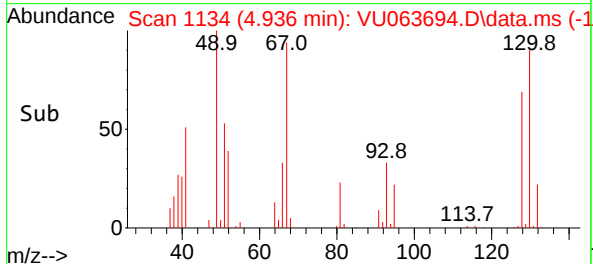
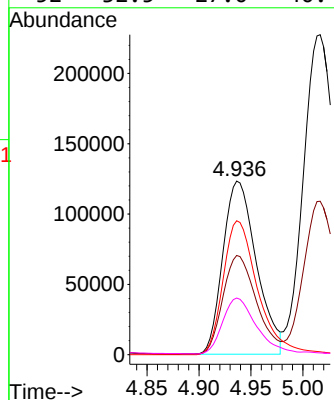
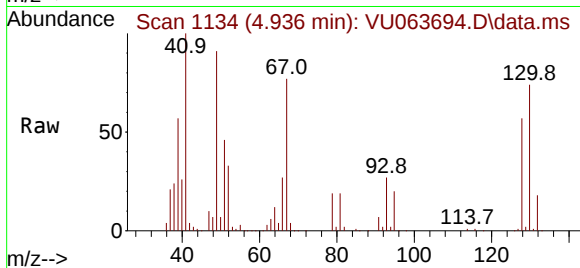


#41
Methacrylonitrile
Concen: 160.398 ug/l
RT: 4.936 min Scan# 1134
Delta R.T. -0.003 min
Lab File: VU063694.D
Acq: 10 Nov 2025 14:30

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Tgt Ion: 41 Resp: 276084

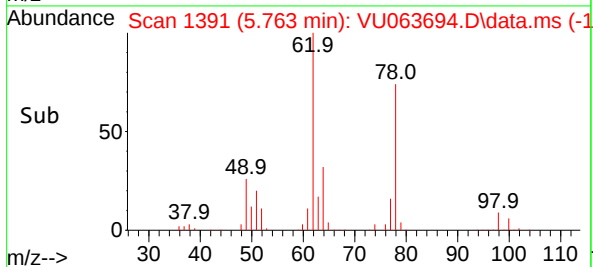
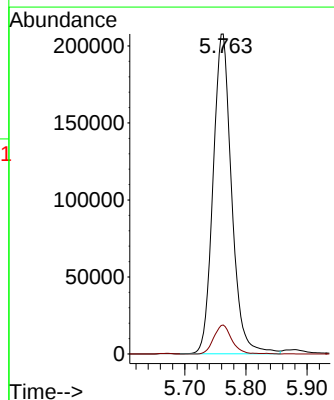
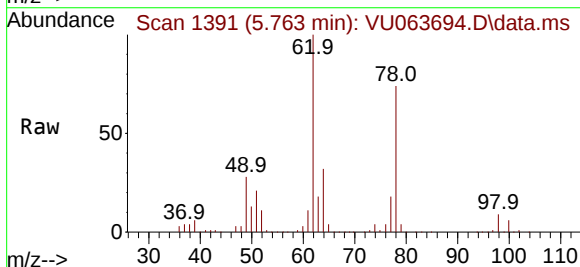
Ion	Ratio	Lower	Upper
41	100		
39	56.7	44.7	67.1
67	80.6	67.4	101.2
52	32.5	27.0	40.4

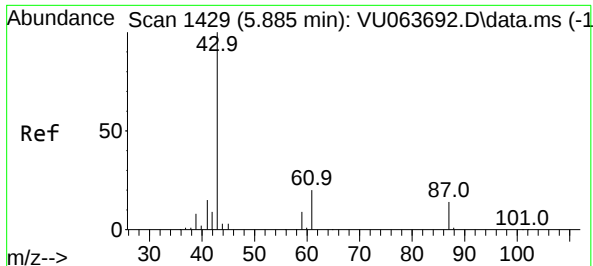


#42
1,2-Dichloroethane
Concen: 147.089 ug/l
RT: 5.763 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VU063694.D
Acq: 10 Nov 2025 14:30

Tgt Ion: 62 Resp: 437857

Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	18.2





#43

Isopropyl Acetate

Concen: 157.816 ug/l

RT: 5.882 min Scan# 1429

Delta R.T. -0.003 min

Lab File: VU063694.D

Acq: 10 Nov 2025 14:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

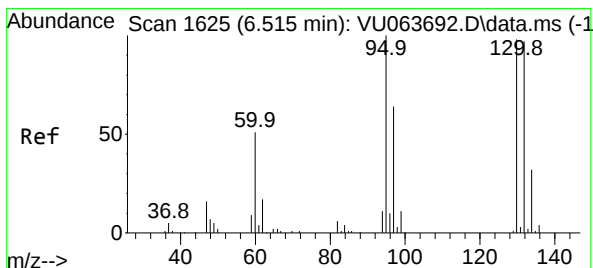
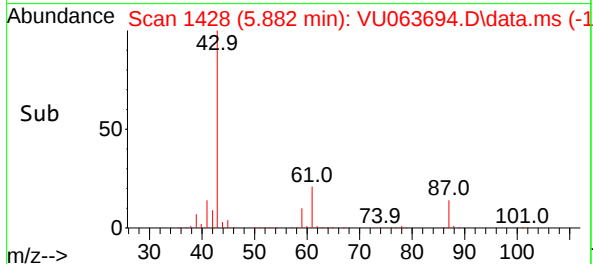
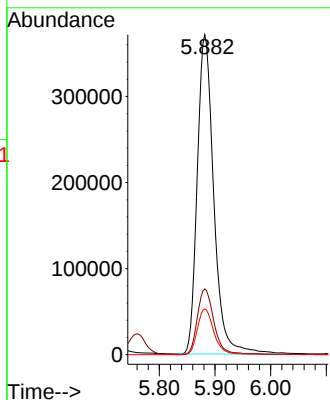
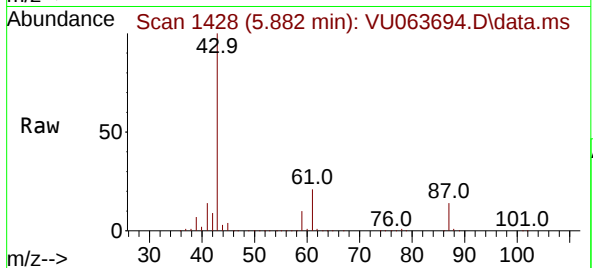
Tgt Ion: 43 Resp: 766084

Ion Ratio Lower Upper

43 100

61 20.6 15.9 23.9

87 14.4 11.0 16.6



#44

Trichloroethene

Concen: 134.807 ug/l

RT: 6.512 min Scan# 1624

Delta R.T. -0.003 min

Lab File: VU063694.D

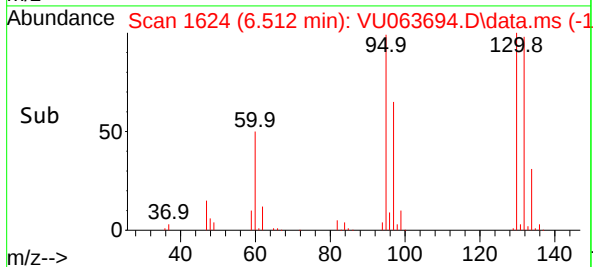
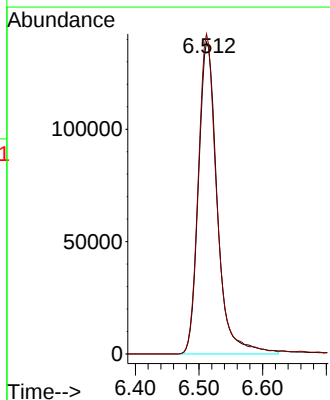
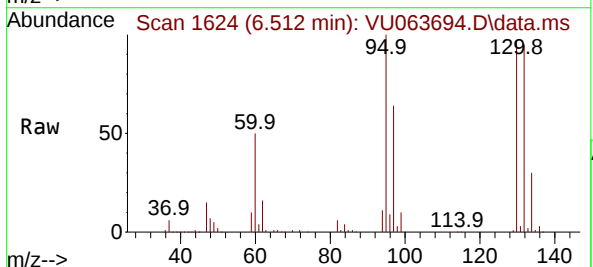
Acq: 10 Nov 2025 14:30

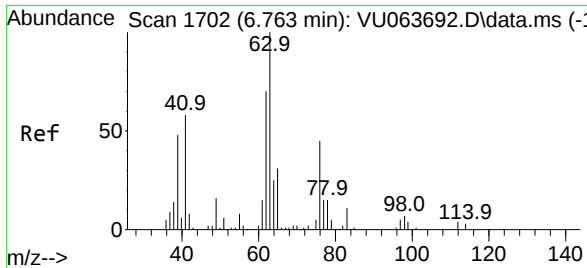
Tgt Ion:130 Resp: 285462

Ion Ratio Lower Upper

130 100

95 102.6 0.0 203.6





#45

1,2-Dichloropropane

Concen: 147.857 ug/l

RT: 6.759 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU063694.D

Acq: 10 Nov 2025 14:30

Instrument :

MSVOA_U

ClientSampleId :

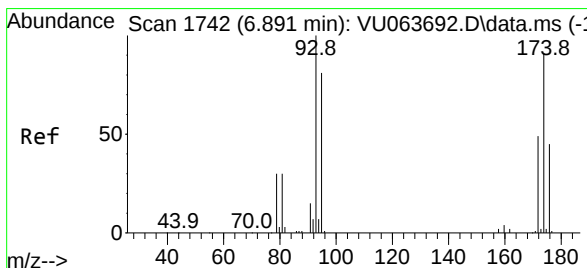
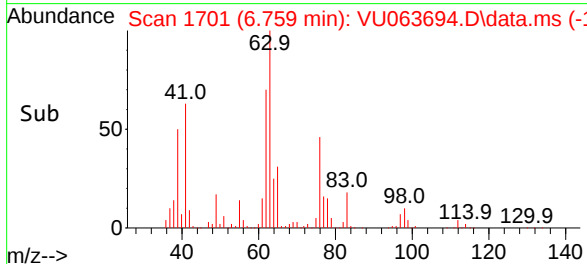
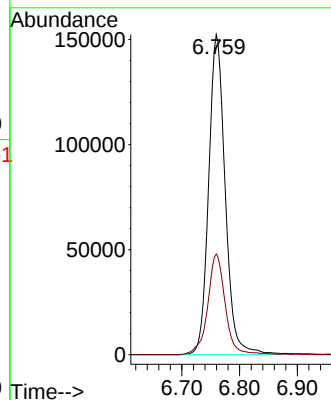
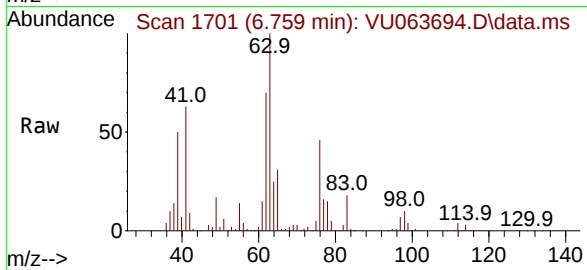
VSTDIC150

Tgt Ion: 63 Resp: 303368

Ion Ratio Lower Upper

63 100

65 31.4 24.9 37.3



#46

Dibromomethane

Concen: 149.045 ug/l

RT: 6.888 min Scan# 1741

Delta R.T. -0.003 min

Lab File: VU063694.D

Acq: 10 Nov 2025 14:30

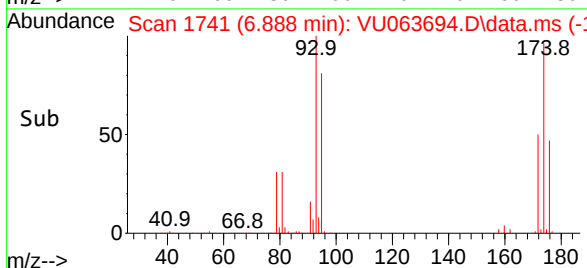
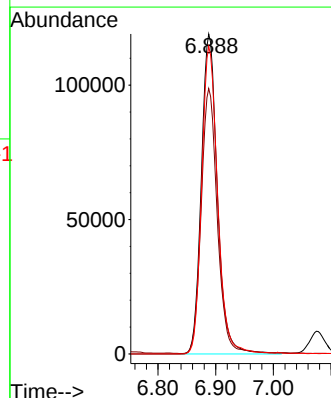
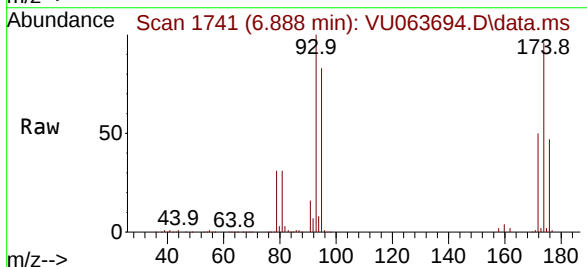
Tgt Ion: 93 Resp: 229622

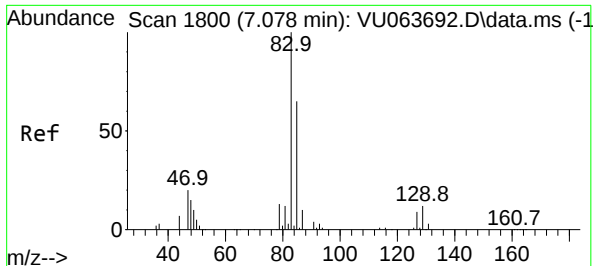
Ion Ratio Lower Upper

93 100

95 83.3 65.9 98.9

174 95.8 74.9 112.3





#47

Bromodichloromethane

Concen: 152.754 ug/l

RT: 7.074 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU063694.D

Acq: 10 Nov 2025 14:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

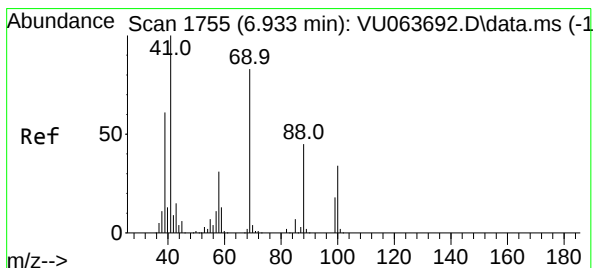
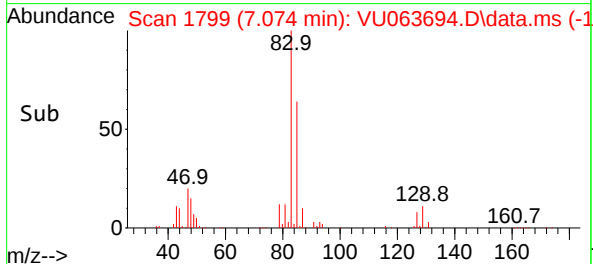
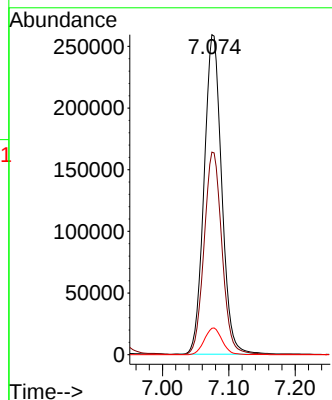
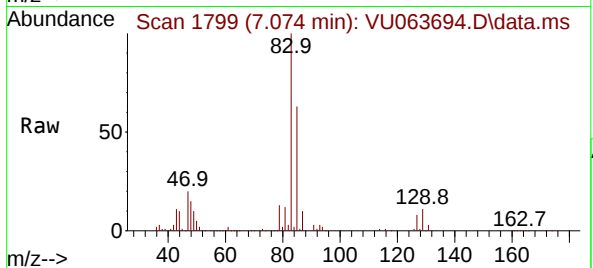
Tgt Ion: 83 Resp: 477116

Ion Ratio Lower Upper

83 100

85 63.3 51.9 77.9

127 8.3 6.9 10.3



#48

Methyl methacrylate

Concen: 157.122 ug/l

RT: 6.933 min Scan# 1755

Delta R.T. -0.000 min

Lab File: VU063694.D

Acq: 10 Nov 2025 14:30

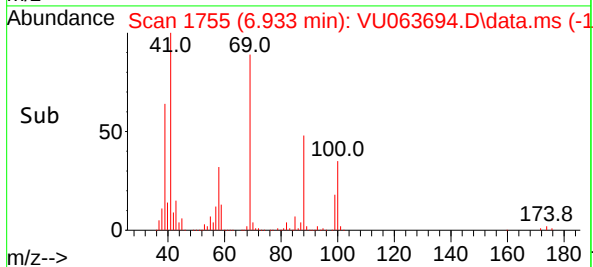
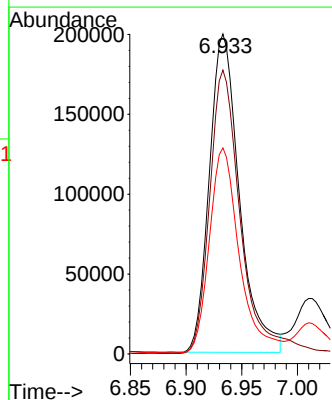
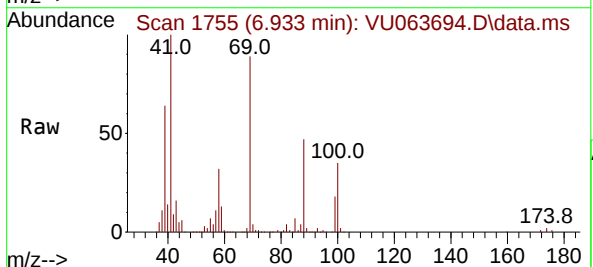
Tgt Ion: 41 Resp: 374385

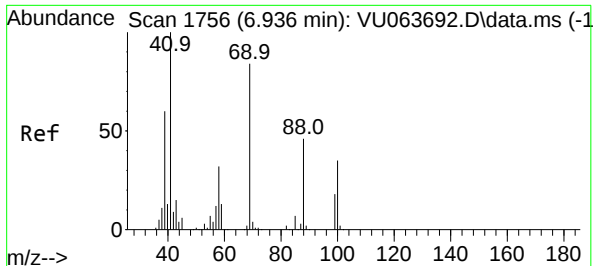
Ion Ratio Lower Upper

41 100

69 92.2 72.9 109.3

39 64.1 51.0 76.4





#49

1,4-Dioxane

Concen: 3078.460 ug/l

RT: 6.936 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063694.D

Acq: 10 Nov 2025 14:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC150

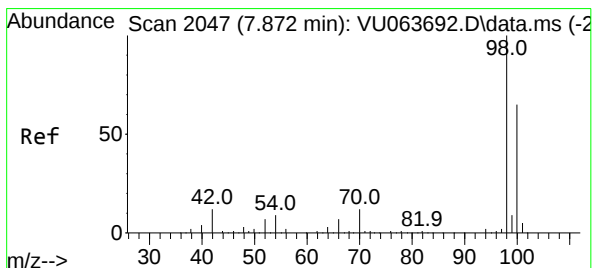
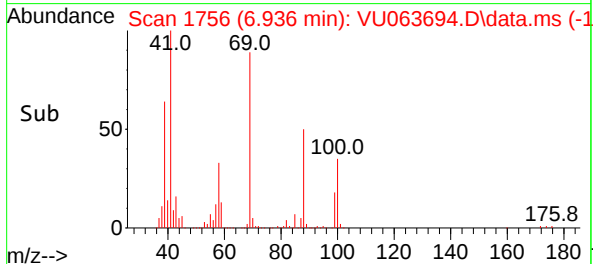
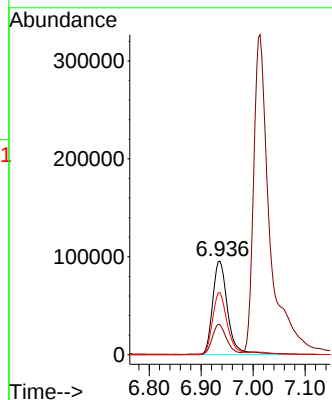
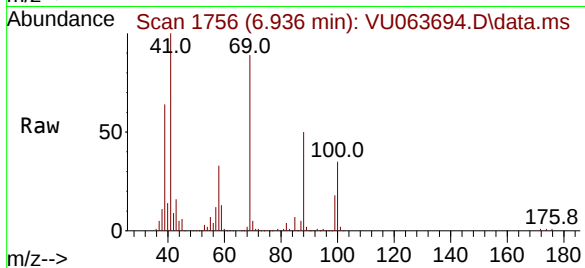
Tgt Ion: 88 Resp: 194335

Ion Ratio Lower Upper

88 100

43 30.1 24.1 36.1

58 64.0 54.2 81.4



#50

Toluene-d8

Concen: 144.430 ug/l

RT: 7.872 min Scan# 2047

Delta R.T. -0.000 min

Lab File: VU063694.D

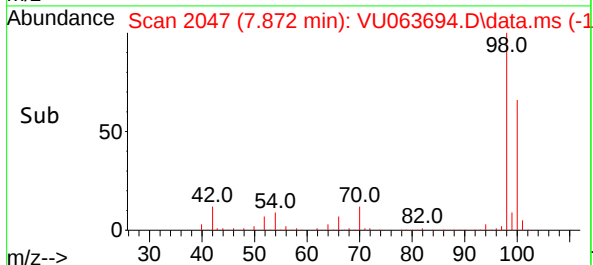
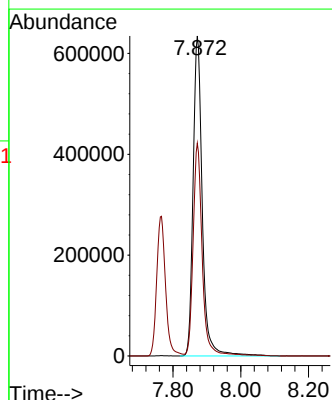
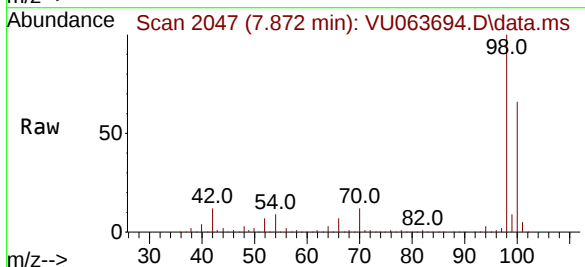
Acq: 10 Nov 2025 14:30

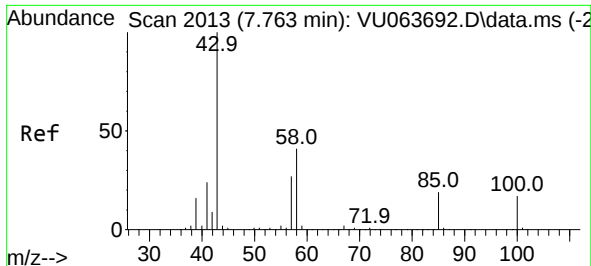
Tgt Ion: 98 Resp: 1192362

Ion Ratio Lower Upper

98 100

100 64.7 52.5 78.7

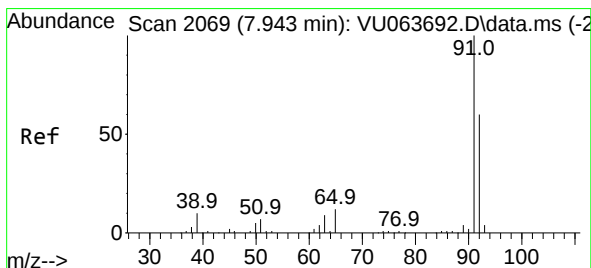
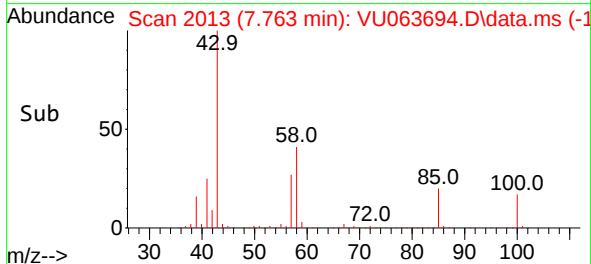
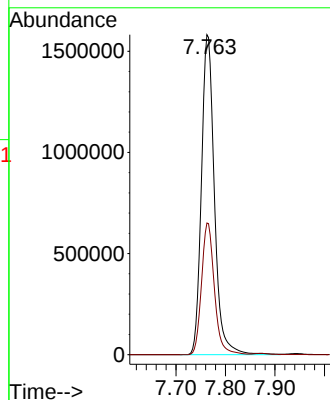
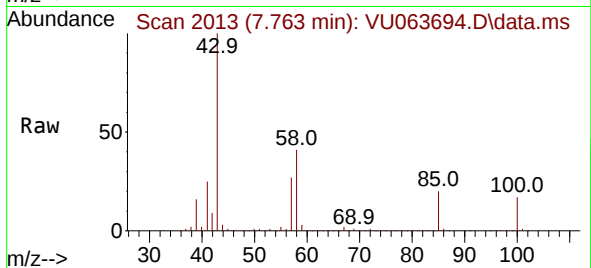




#51
4-Methyl-2-Pentanone
Concen: 777.756 ug/l
RT: 7.763 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VU063694.D
Acq: 10 Nov 2025 14:30

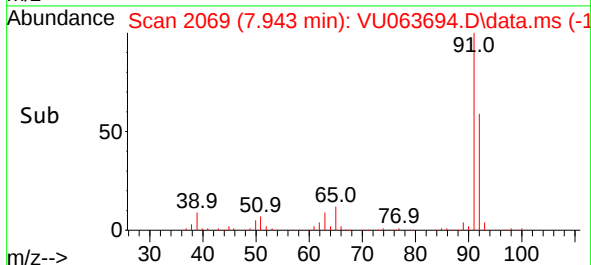
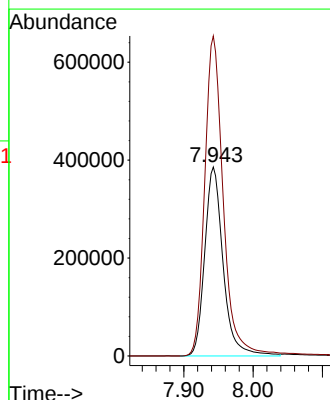
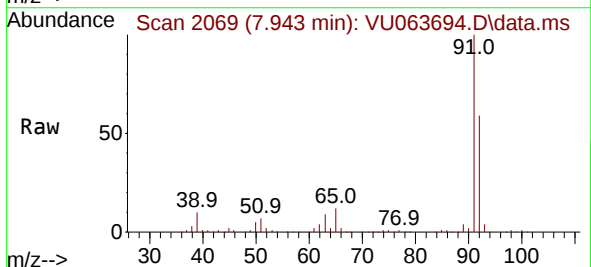
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

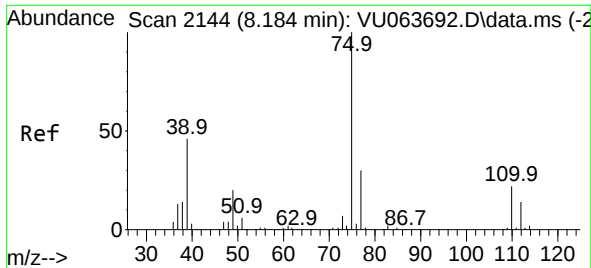
Tgt Ion: 43 Resp: 2889097
Ion Ratio Lower Upper
43 100
58 40.8 32.3 48.5



#52
Toluene
Concen: 145.580 ug/l
RT: 7.943 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VU063694.D
Acq: 10 Nov 2025 14:30

Tgt Ion: 92 Resp: 713088
Ion Ratio Lower Upper
92 100
91 172.7 136.6 204.8

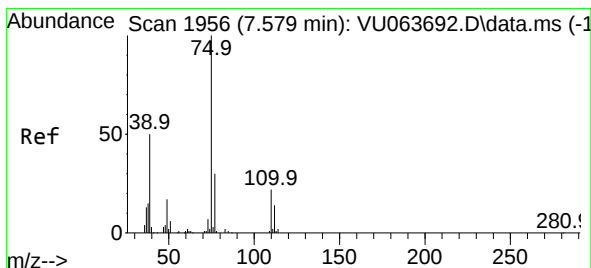
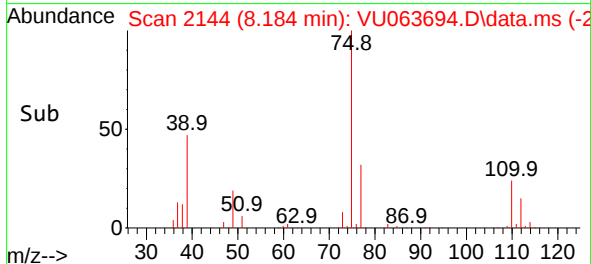
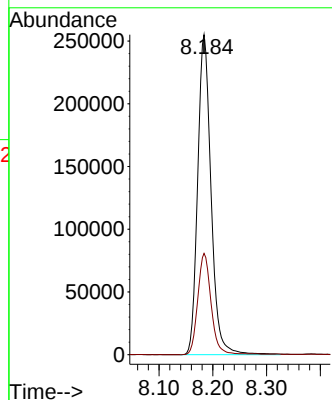
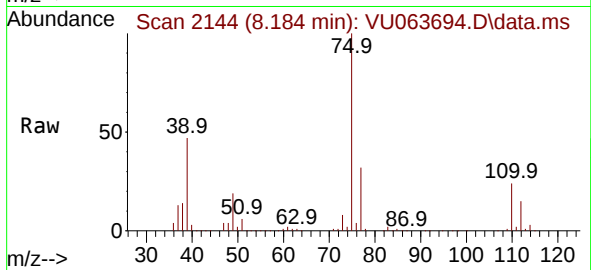




#53
 t-1,3-Dichloropropene
 Concen: 167.430 ug/l
 RT: 8.184 min Scan# 2144
 Delta R.T. -0.000 min
 Lab File: VU063694.D
 Acq: 10 Nov 2025 14:30

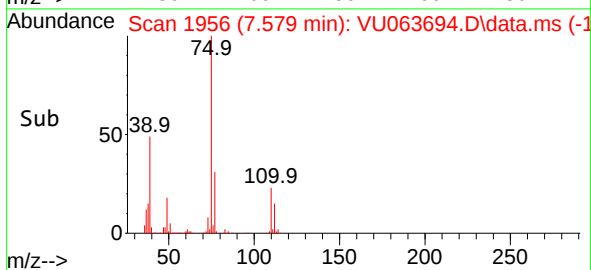
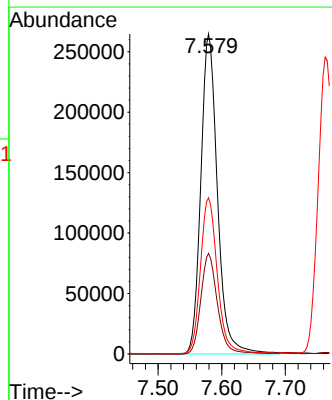
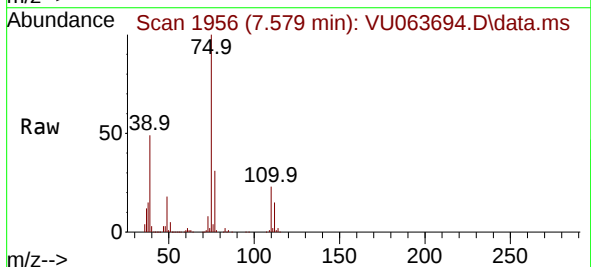
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

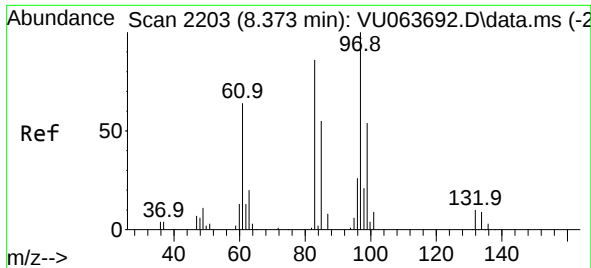
Tgt Ion: 75 Resp: 440378
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.3 36.5



#54
 cis-1,3-Dichloropropene
 Concen: 163.310 ug/l
 RT: 7.579 min Scan# 1956
 Delta R.T. -0.000 min
 Lab File: VU063694.D
 Acq: 10 Nov 2025 14:30

Tgt Ion: 75 Resp: 481433
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.3 36.5
 39 48.7 40.2 60.2



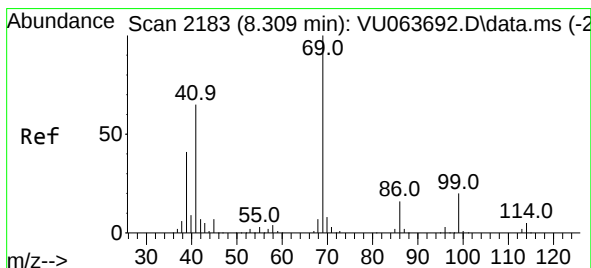
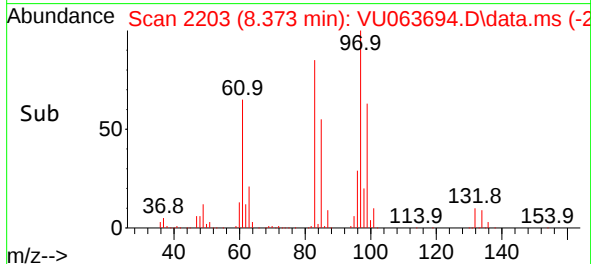
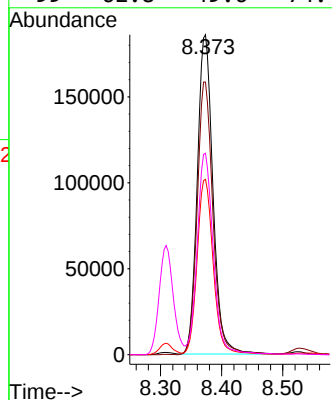
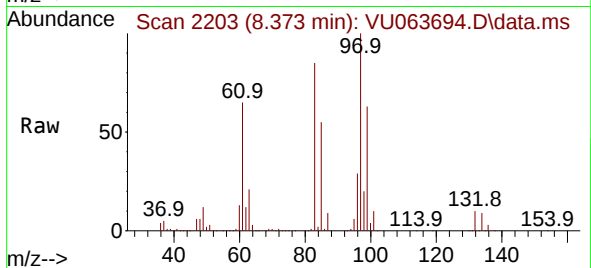


#55
1,1,2-Trichloroethane
Concen: 147.306 ug/l
RT: 8.373 min Scan# 2183
Delta R.T. -0.000 min
Lab File: VU063694.D
Acq: 10 Nov 2025 14:30

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Tgt Ion: 97 Resp: 331116

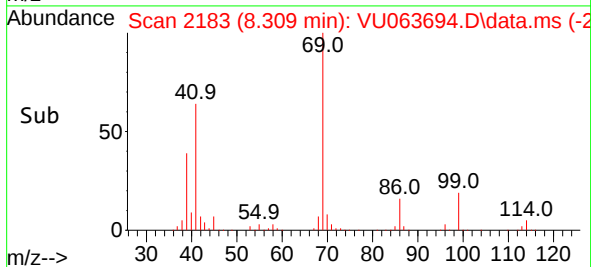
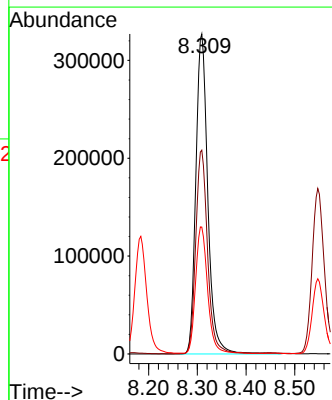
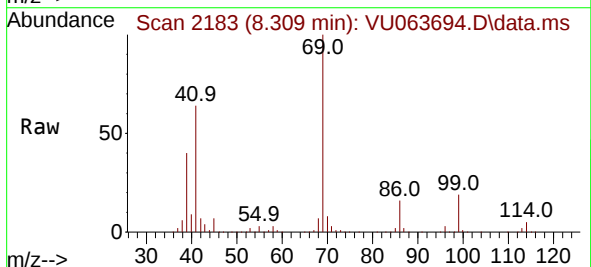
Ion	Ratio	Lower	Upper
97	100		
83	85.3	69.0	103.4
85	54.7	44.2	66.4
99	62.8	49.6	74.4

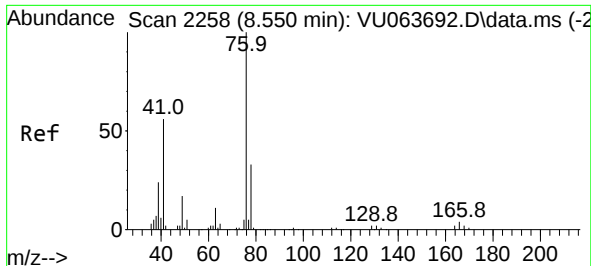


#56
Ethyl methacrylate
Concen: 168.188 ug/l
RT: 8.309 min Scan# 2183
Delta R.T. -0.000 min
Lab File: VU063694.D
Acq: 10 Nov 2025 14:30

Tgt Ion: 69 Resp: 557828

Ion	Ratio	Lower	Upper
69	100		
41	63.1	51.4	77.2
39	39.4	32.2	48.4





#57

1,3-Dichloropropane

Concen: 150.129 ug/l

RT: 8.547 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU063694.D

Acq: 10 Nov 2025 14:30

Instrument :

MSVOA_U

ClientSampleId :

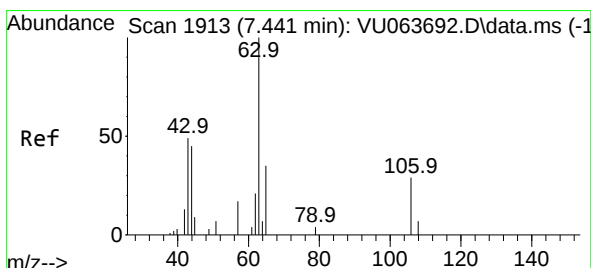
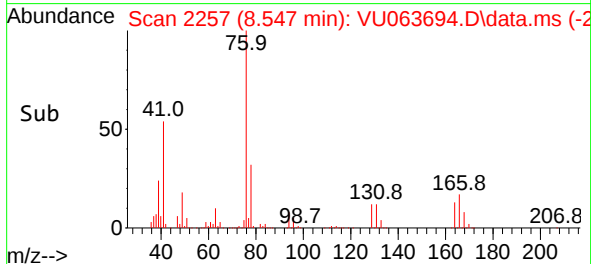
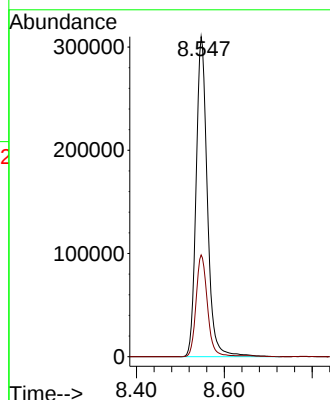
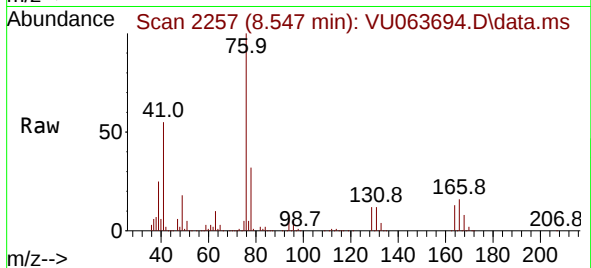
VSTDIC150

Tgt Ion: 76 Resp: 550546

Ion Ratio Lower Upper

76 100

78 32.1 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 1061.283 ug/l

RT: 7.438 min Scan# 1912

Delta R.T. -0.003 min

Lab File: VU063694.D

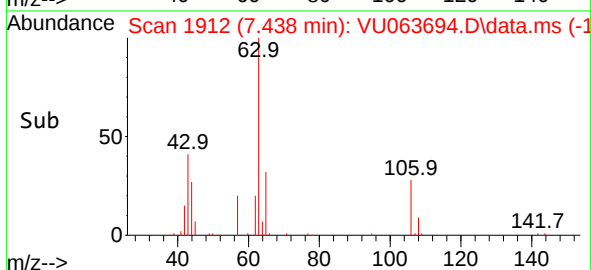
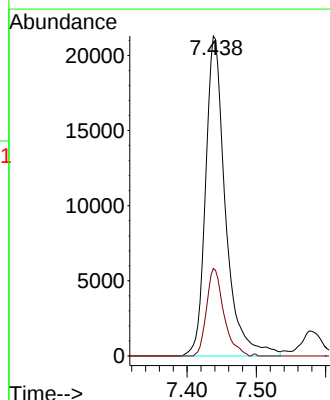
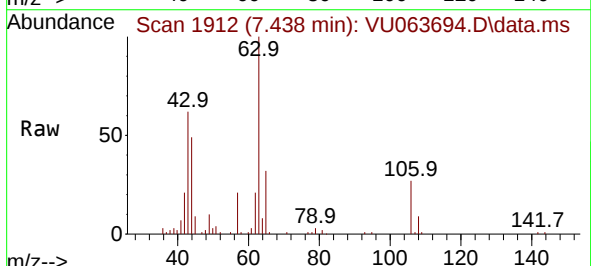
Acq: 10 Nov 2025 14:30

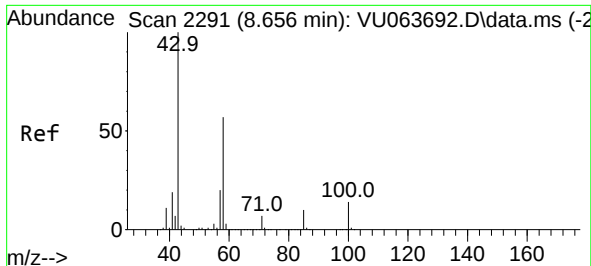
Tgt Ion: 63 Resp: 42326

Ion Ratio Lower Upper

63 100

106 23.7 15.8 23.8

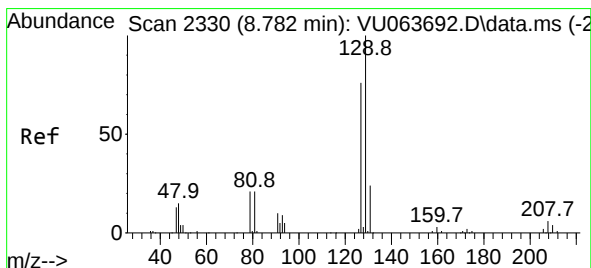
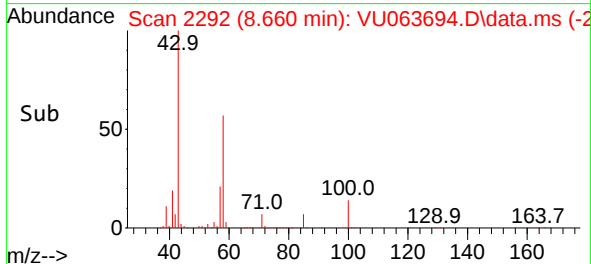
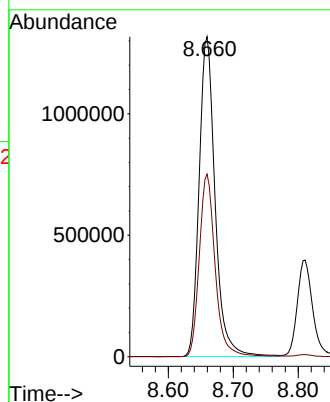
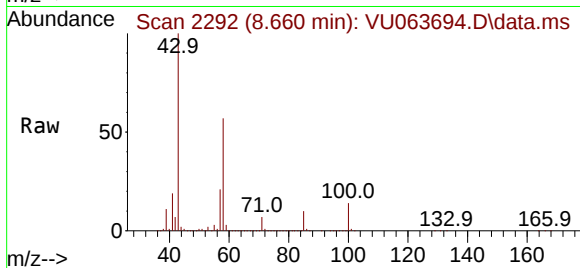




#59
2-Hexanone
Concen: 815.328 ug/l
RT: 8.660 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063694.D
Acq: 10 Nov 2025 14:30

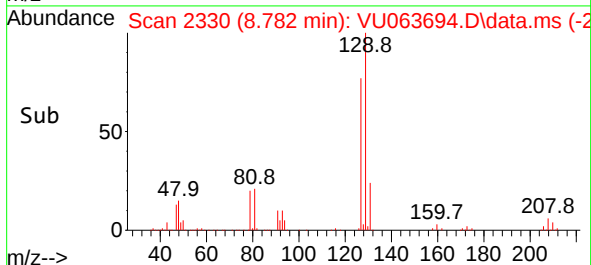
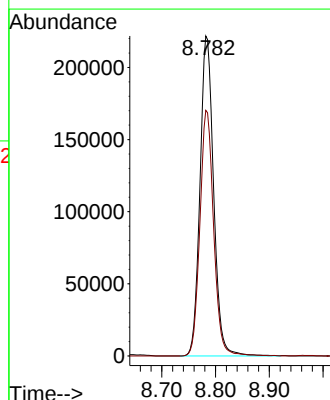
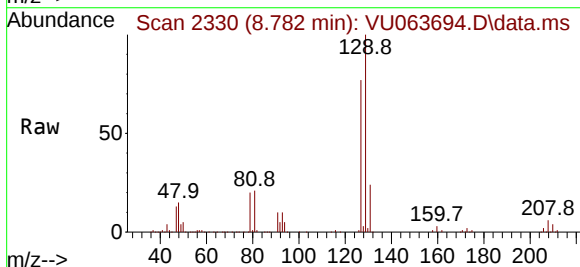
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

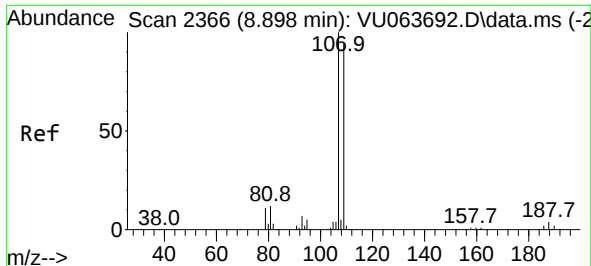
Tgt Ion: 43 Resp: 2255789
Ion Ratio Lower Upper
43 100
58 56.7 28.4 85.3



#60
Dibromochloromethane
Concen: 165.964 ug/l
RT: 8.782 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VU063694.D
Acq: 10 Nov 2025 14:30

Tgt Ion:129 Resp: 390733
Ion Ratio Lower Upper
129 100
127 77.5 38.2 114.6

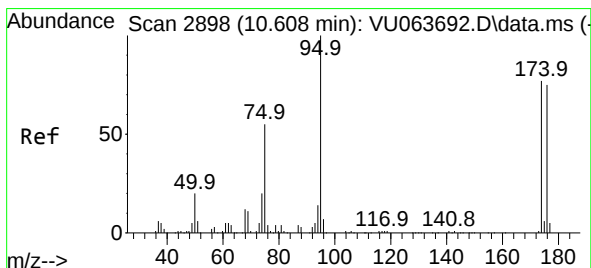
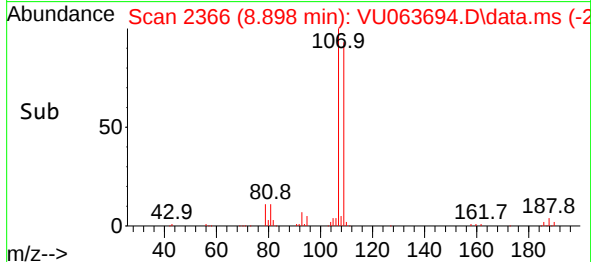
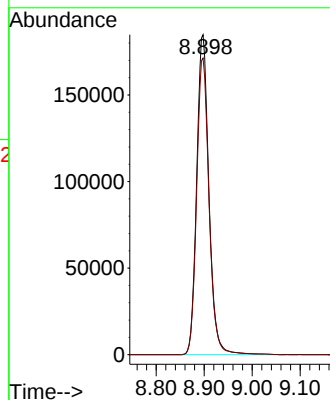
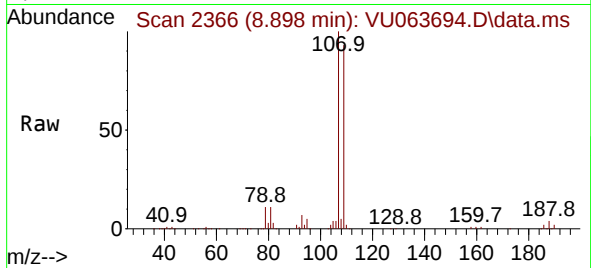




#61
1,2-Dibromoethane
Concen: 151.480 ug/l
RT: 8.898 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063694.D
Acq: 10 Nov 2025 14:30

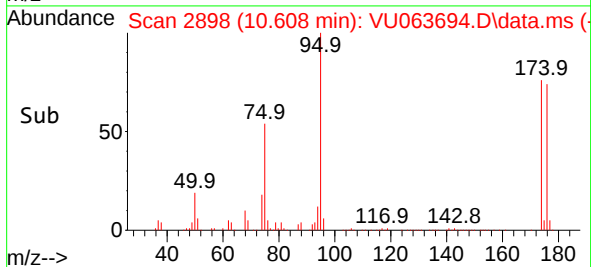
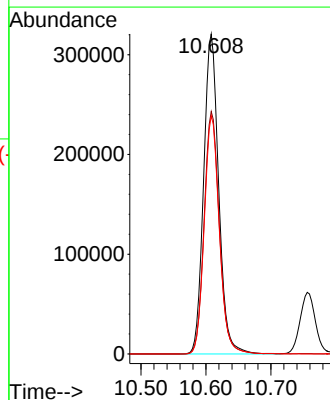
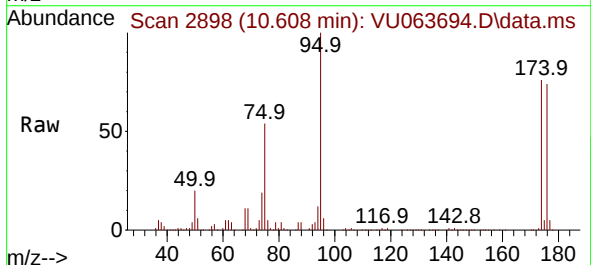
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

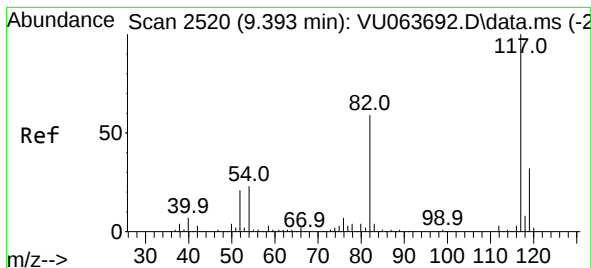
Tgt Ion:107 Resp: 328102
Ion Ratio Lower Upper
107 100
109 93.7 73.8 110.8



#62
4-Bromofluorobenzene
Concen: 151.781 ug/l
RT: 10.608 min Scan# 2898
Delta R.T. -0.000 min
Lab File: VU063694.D
Acq: 10 Nov 2025 14:30

Tgt Ion: 95 Resp: 518344
Ion Ratio Lower Upper
95 100
174 76.7 0.0 154.6
176 74.6 0.0 148.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.393 min Scan# 2

Delta R.T. -0.000 min

Lab File: VU063694.D

Acq: 10 Nov 2025 14:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

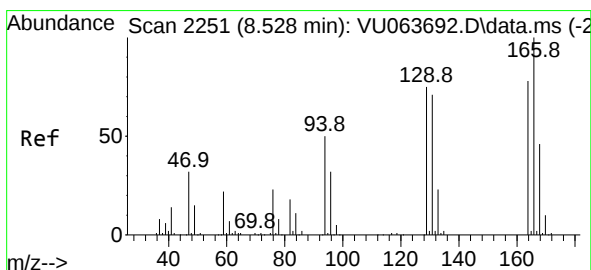
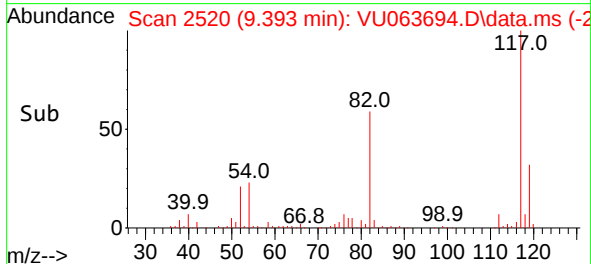
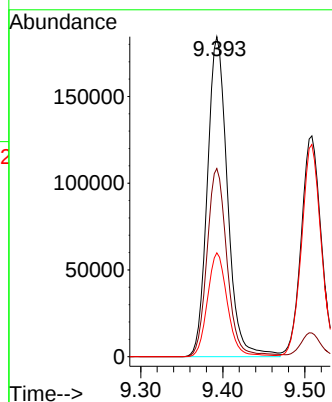
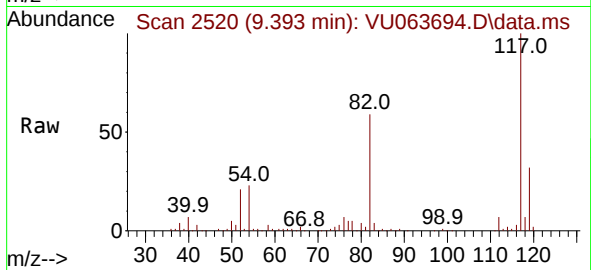
Tgt Ion:117 Resp: 314402

Ion Ratio Lower Upper

117 100

82 58.8 46.9 70.3

119 32.5 25.8 38.8



#64

Tetrachloroethene

Concen: 136.169 ug/l

RT: 8.528 min Scan# 2251

Delta R.T. -0.000 min

Lab File: VU063694.D

Acq: 10 Nov 2025 14:30

Tgt Ion:164 Resp: 276206

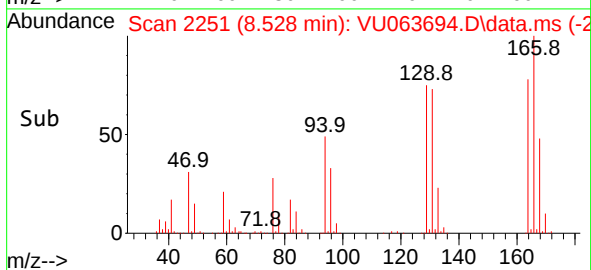
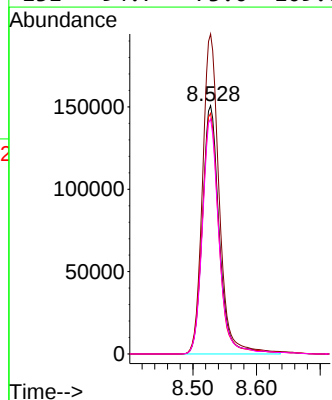
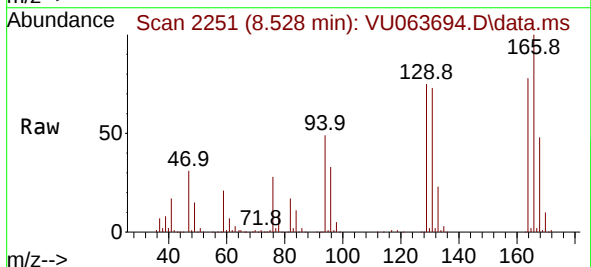
Ion Ratio Lower Upper

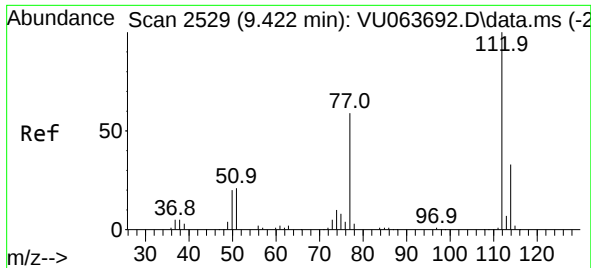
164 100

166 128.9 102.5 153.7

129 96.9 77.1 115.7

131 94.7 73.0 109.6

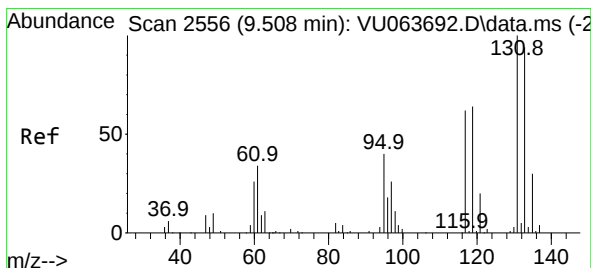
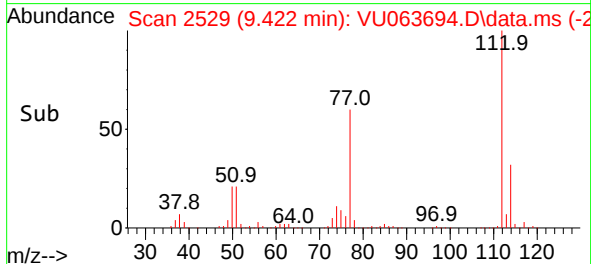
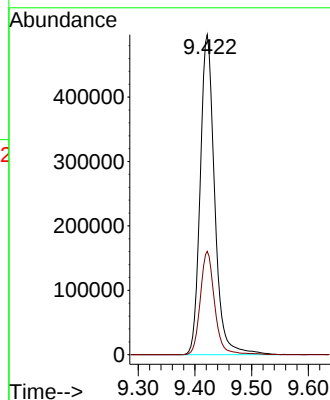
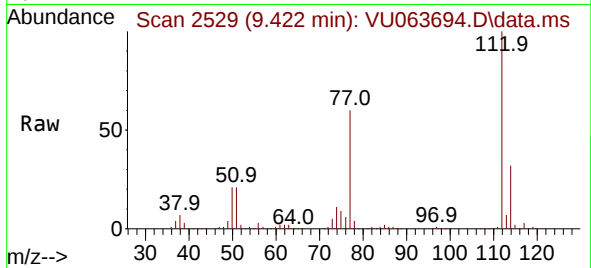




#65
Chlorobenzene
Concen: 143.343 ug/l
RT: 9.422 min Scan# 211
Delta R.T. -0.000 min
Lab File: VU063694.D
Acq: 10 Nov 2025 14:30

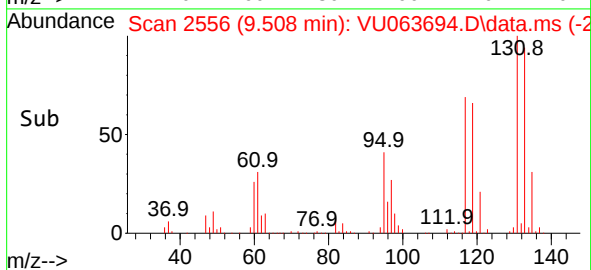
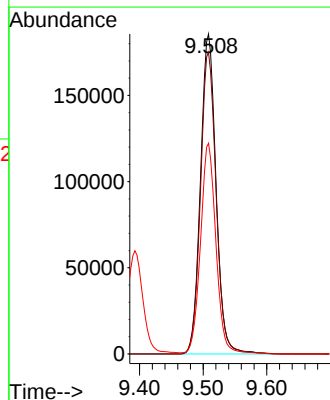
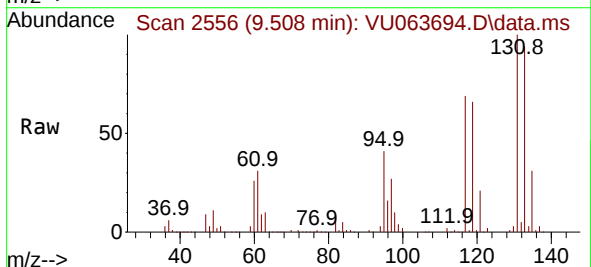
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

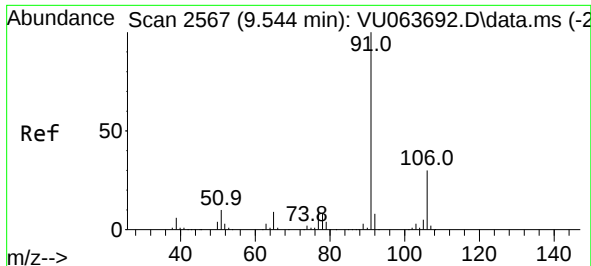
Tgt Ion:112 Resp: 880600
Ion Ratio Lower Upper
112 100
114 32.3 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 151.104 ug/l
RT: 9.508 min Scan# 2556
Delta R.T. -0.000 min
Lab File: VU063694.D
Acq: 10 Nov 2025 14:30

Tgt Ion:131 Resp: 315733
Ion Ratio Lower Upper
131 100
133 94.8 47.5 142.5
119 65.5 33.3 99.8





#67

Ethyl Benzene

Concen: 146.755 ug/l

RT: 9.544 min Scan# 2567

Delta R.T. -0.000 min

Lab File: VU063694.D

Acq: 10 Nov 2025 14:30

Instrument :

MSVOA_U

ClientSampleId :

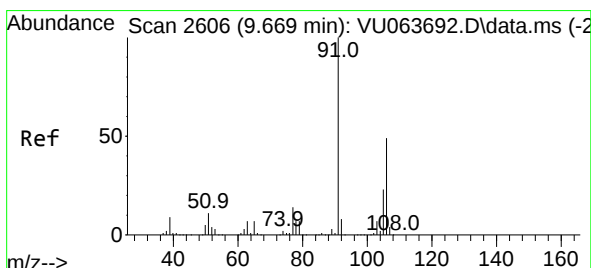
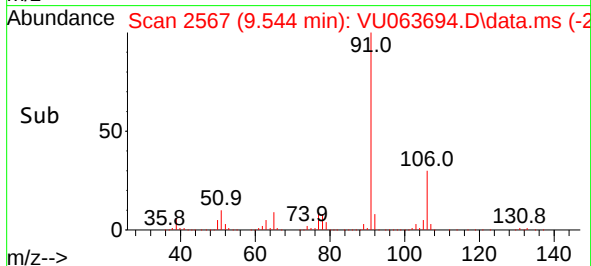
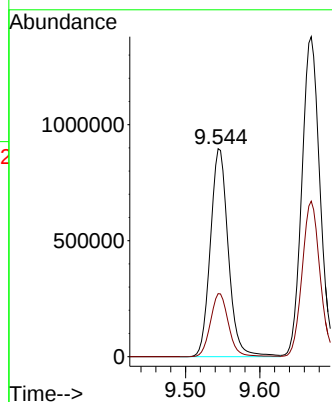
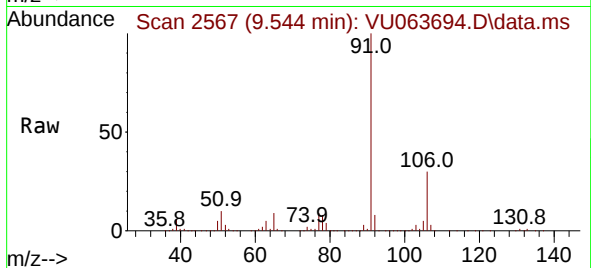
VSTDIC150

Tgt Ion: 91 Resp: 1501679

Ion Ratio Lower Upper

91 100

106 30.3 23.8 35.8



#68

m/p-Xylenes

Concen: 301.515 ug/l

RT: 9.669 min Scan# 2606

Delta R.T. -0.000 min

Lab File: VU063694.D

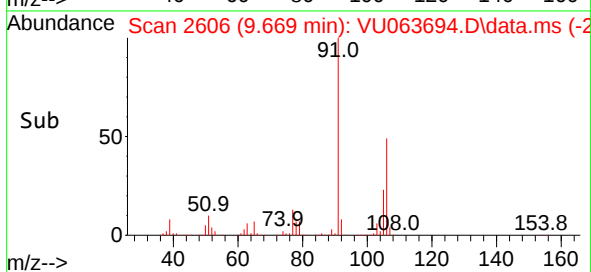
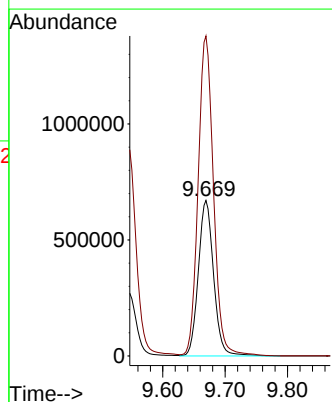
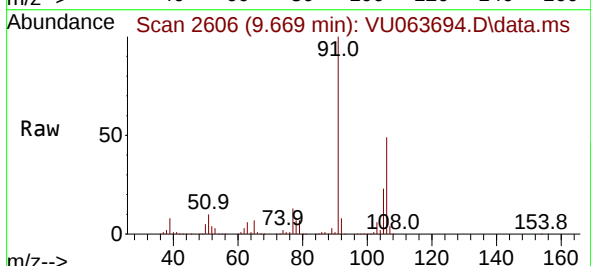
Acq: 10 Nov 2025 14:30

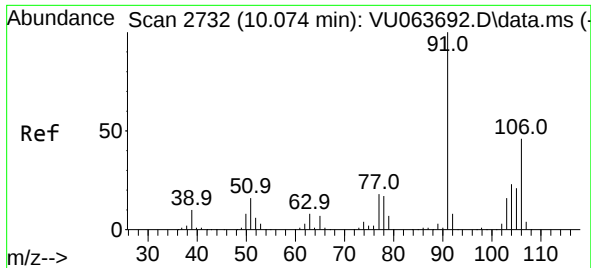
Tgt Ion:106 Resp: 1138813

Ion Ratio Lower Upper

106 100

91 207.5 165.7 248.5

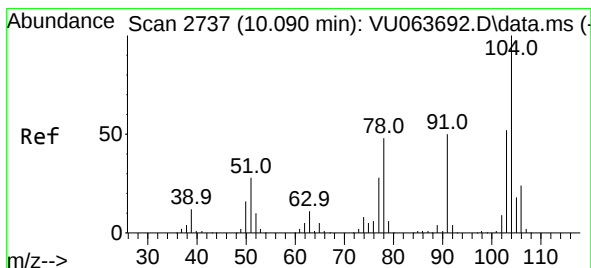
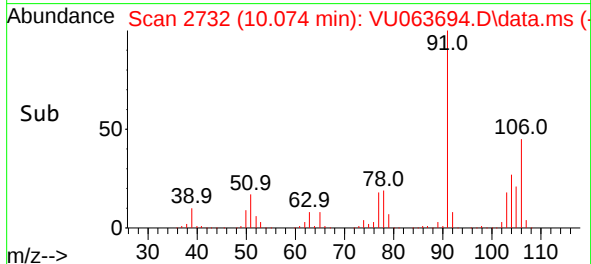
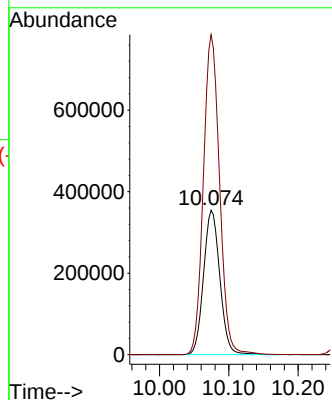
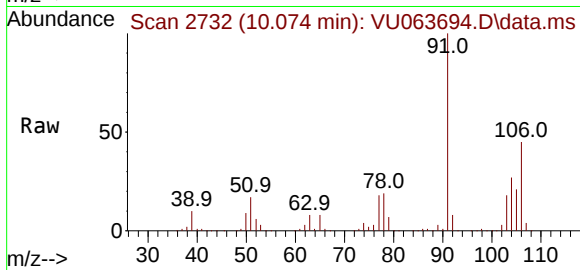




#69
o-Xylene
Concen: 148.266 ug/l
RT: 10.074 min Scan# 2732
Delta R.T. -0.000 min
Lab File: VU063694.D
Acq: 10 Nov 2025 14:30

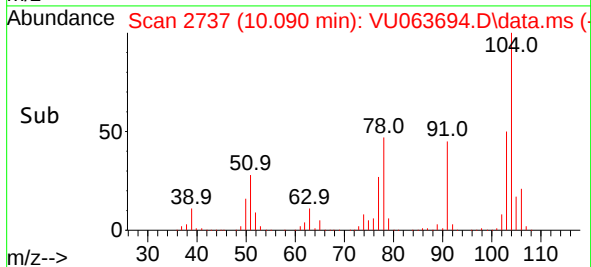
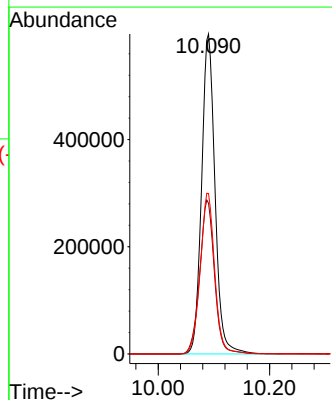
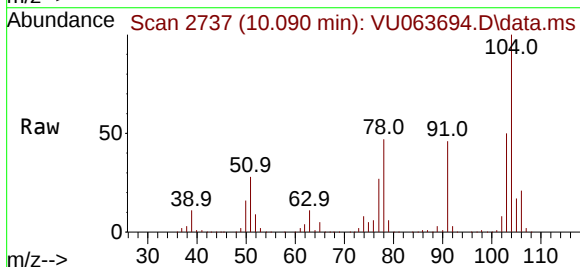
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

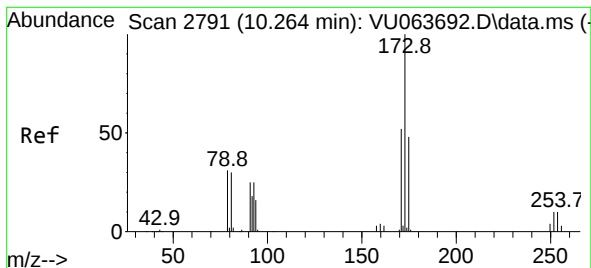
Tgt Ion:106 Resp: 577852
Ion Ratio Lower Upper
106 100
91 220.0 108.7 325.9



#70
Styrene
Concen: 159.798 ug/l
RT: 10.090 min Scan# 2737
Delta R.T. -0.000 min
Lab File: VU063694.D
Acq: 10 Nov 2025 14:30

Tgt Ion:104 Resp: 1000375
Ion Ratio Lower Upper
104 100
78 52.7 42.7 64.1
103 54.4 44.0 66.0





#71

Bromoform

Concen: 174.335 ug/l

RT: 10.264 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU063694.D

Acq: 10 Nov 2025 14:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

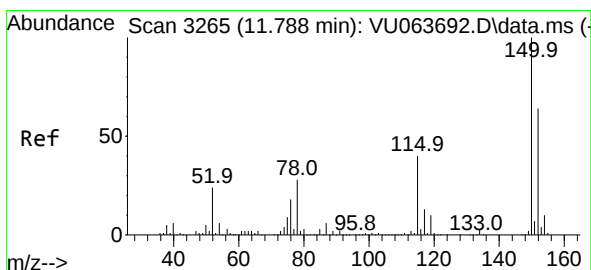
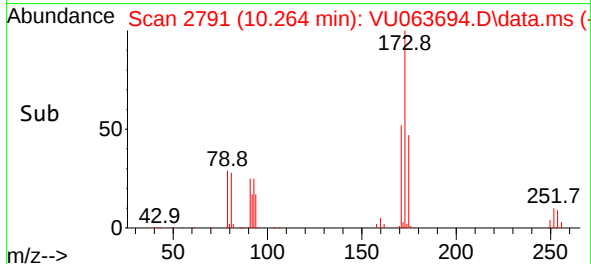
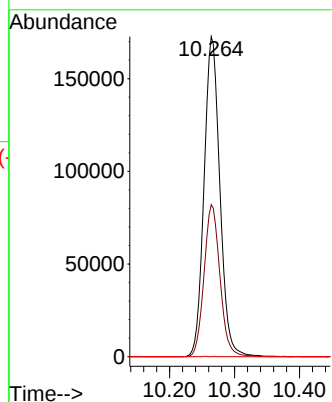
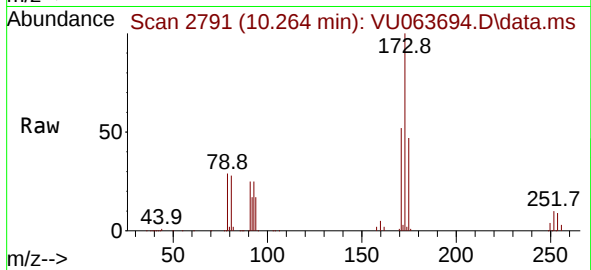
Tgt Ion:173 Resp: 293336

Ion Ratio Lower Upper

173 100

175 47.7 24.1 72.2

254 0.0 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.785 min Scan# 3264

Delta R.T. -0.003 min

Lab File: VU063694.D

Acq: 10 Nov 2025 14:30

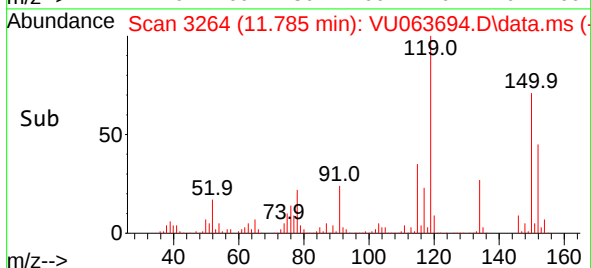
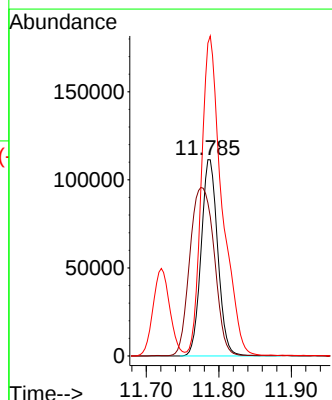
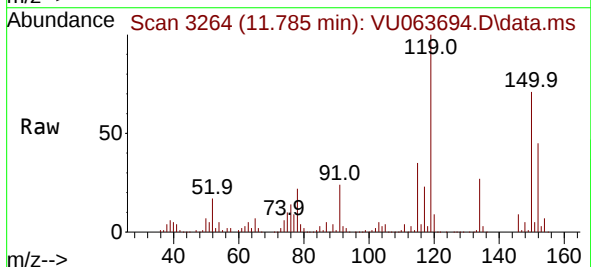
Tgt Ion:152 Resp: 177775

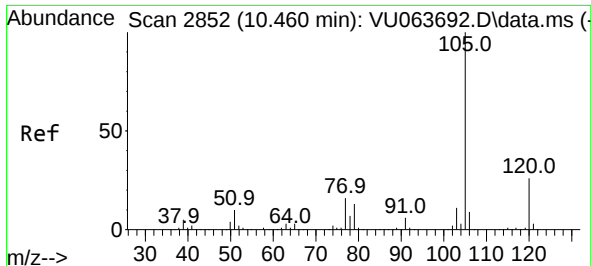
Ion Ratio Lower Upper

152 100

115 125.7 41.0 123.0#

150 201.6 0.0 342.2

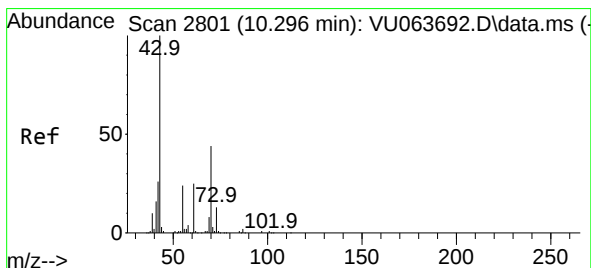
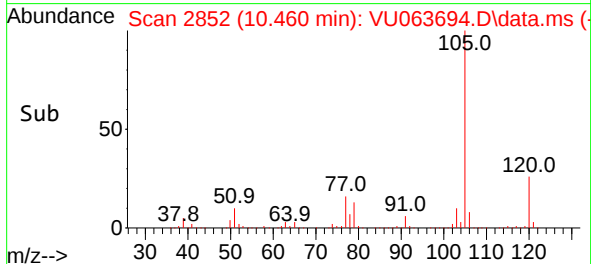
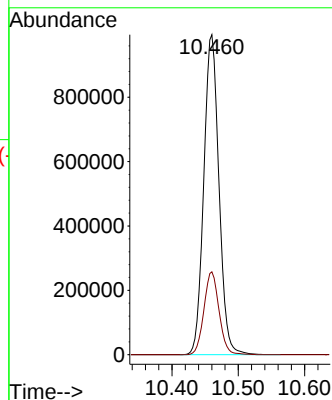
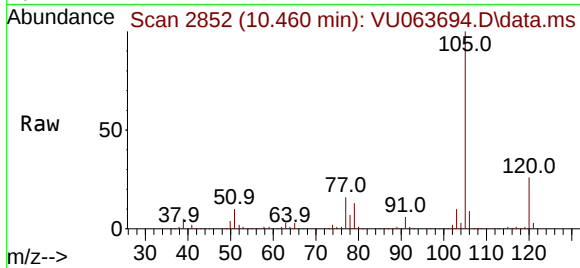




#73
Isopropylbenzene
Concen: 141.338 ug/l
RT: 10.460 min Scan# 2852
Delta R.T. -0.000 min
Lab File: VU063694.D
Acq: 10 Nov 2025 14:30

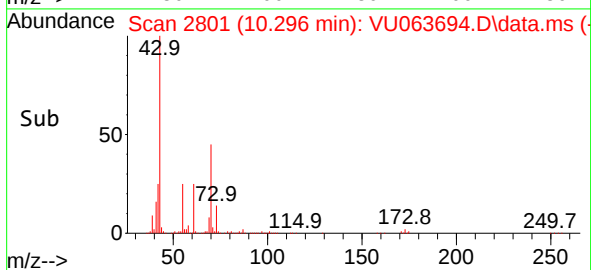
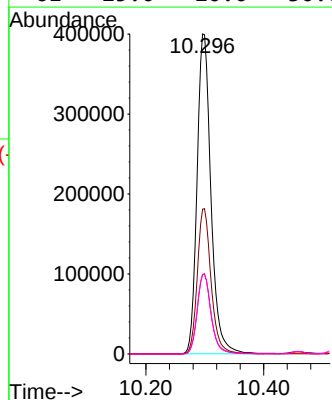
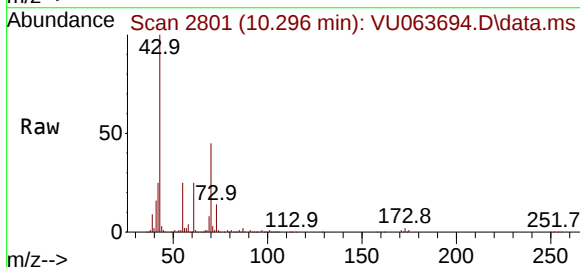
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

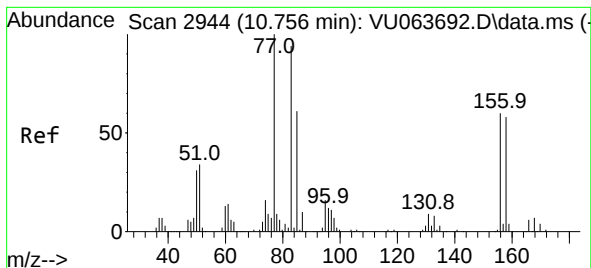
Tgt Ion:105 Resp: 1578601
Ion Ratio Lower Upper
105 100
120 25.8 13.0 38.9



#74
N-ethyl acetate
Concen: 168.419 ug/l
RT: 10.296 min Scan# 2801
Delta R.T. -0.000 min
Lab File: VU063694.D
Acq: 10 Nov 2025 14:30

Tgt Ion: 43 Resp: 655380
Ion Ratio Lower Upper
43 100
70 45.2 36.5 54.7
55 25.2 20.6 30.8
61 25.0 20.0 30.0

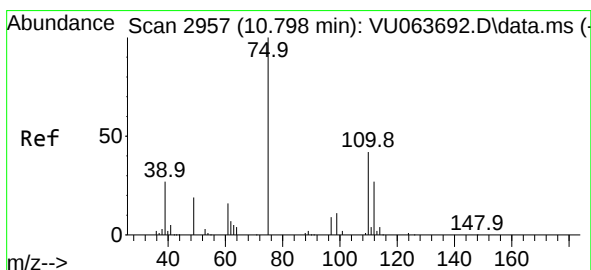
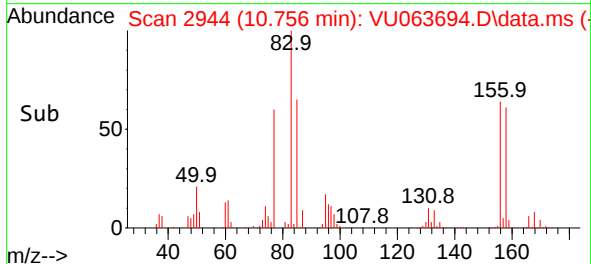
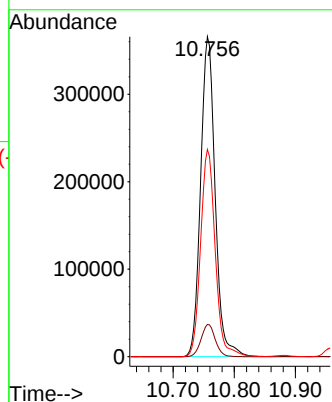
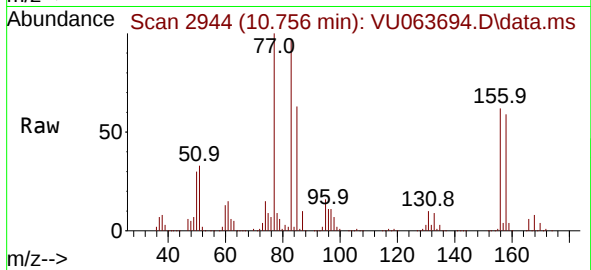




#75
1,1,2,2-Tetrachloroethane
Concen: 140.807 ug/l
RT: 10.756 min Scan# 2944
Delta R.T. -0.000 min
Lab File: VU063694.D
Acq: 10 Nov 2025 14:30

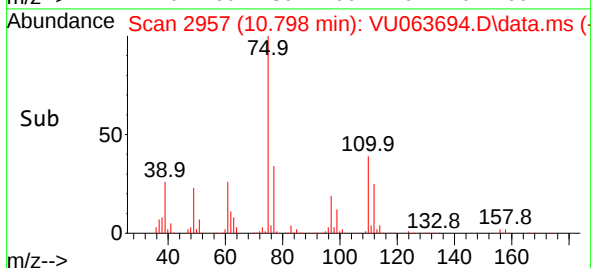
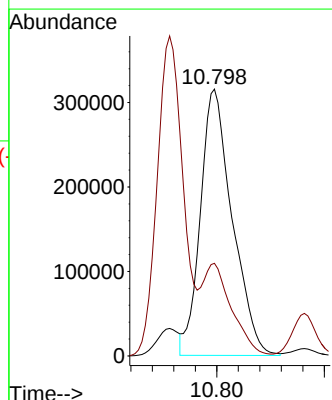
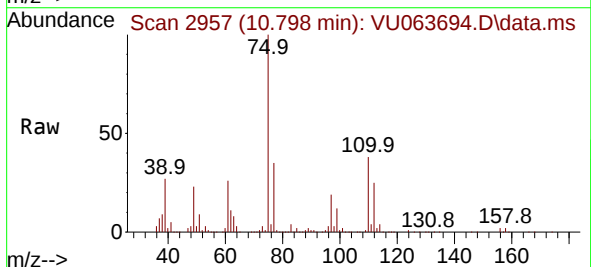
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

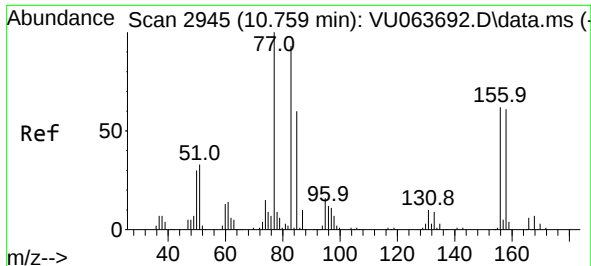
Tgt Ion: 83 Resp: 603930
Ion Ratio Lower Upper
83 100
131 9.8 4.8 14.4
85 65.1 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 148.039 ug/l
RT: 10.798 min Scan# 2957
Delta R.T. -0.000 min
Lab File: VU063694.D
Acq: 10 Nov 2025 14:30

Tgt Ion: 75 Resp: 649060
Ion Ratio Lower Upper
75 100
77 29.6 0.0 0.0#

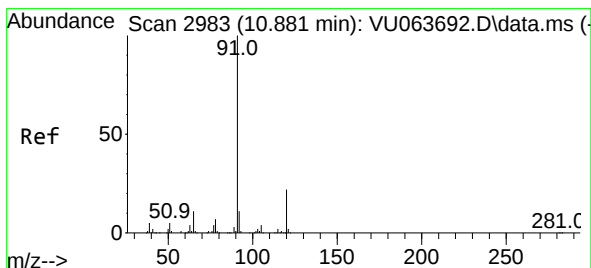
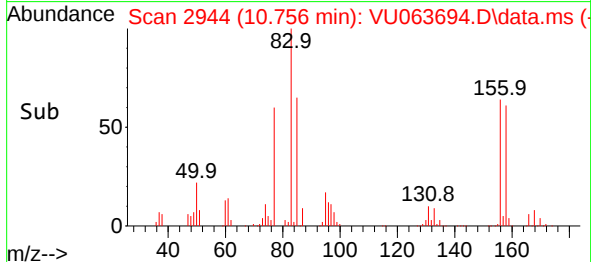
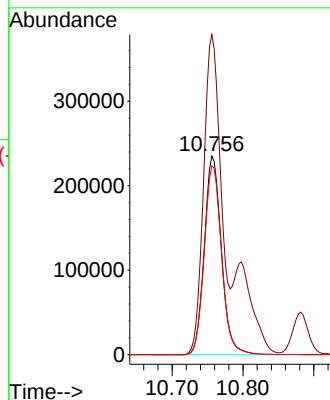
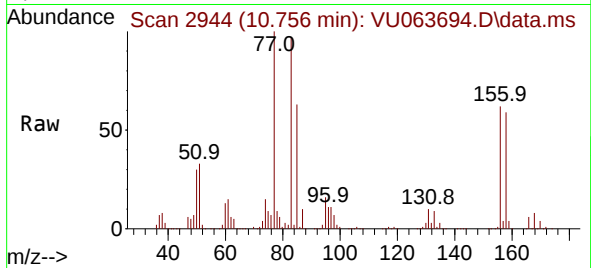




#77
Bromobenzene
Concen: 139.972 ug/l
RT: 10.756 min Scan# 2944
Delta R.T. -0.003 min
Lab File: VU063694.D
Acq: 10 Nov 2025 14:30

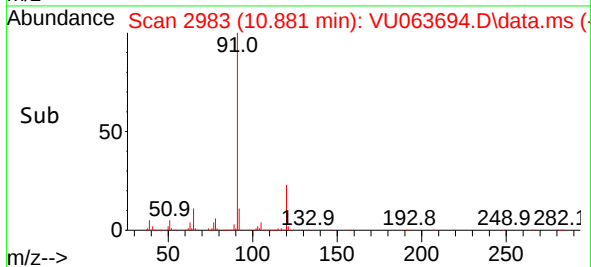
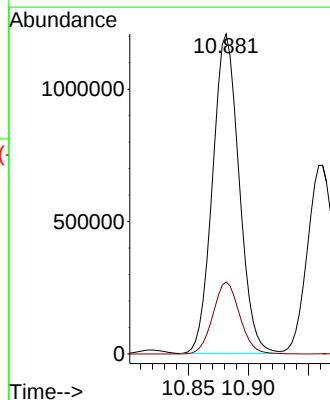
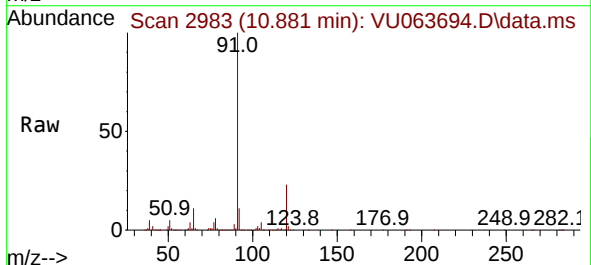
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

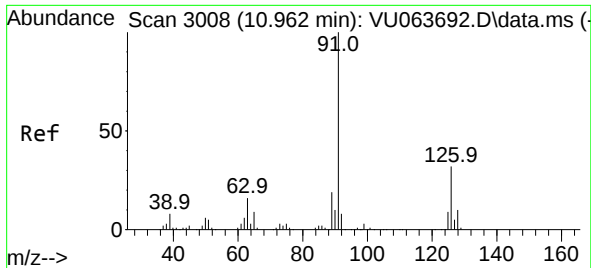
Tgt Ion:156 Resp: 393335
Ion Ratio Lower Upper
156 100
77 162.1 81.4 244.2
158 96.8 48.8 146.3



#78
n-propylbenzene
Concen: 144.825 ug/l
RT: 10.881 min Scan# 2983
Delta R.T. -0.000 min
Lab File: VU063694.D
Acq: 10 Nov 2025 14:30

Tgt Ion: 91 Resp: 1855568
Ion Ratio Lower Upper
91 100
120 22.7 11.2 33.6

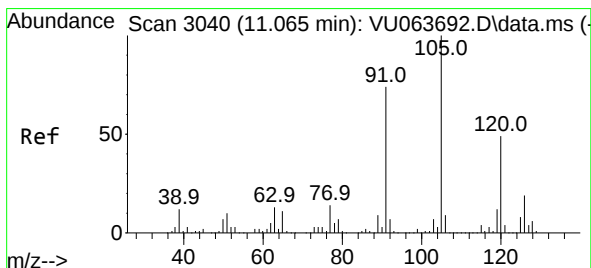
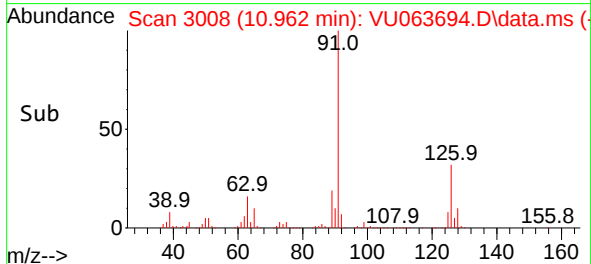
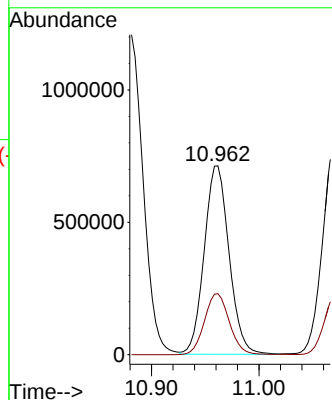
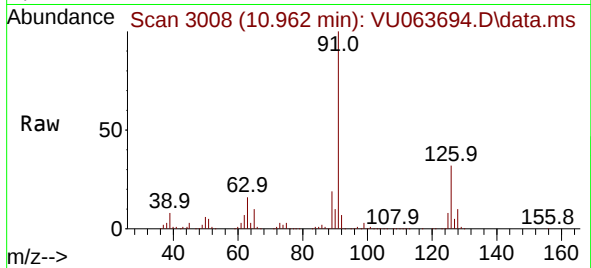




#79
2-Chlorotoluene
Concen: 138.160 ug/l
RT: 10.962 min Scan# 3008
Delta R.T. -0.000 min
Lab File: VU063694.D
Acq: 10 Nov 2025 14:30

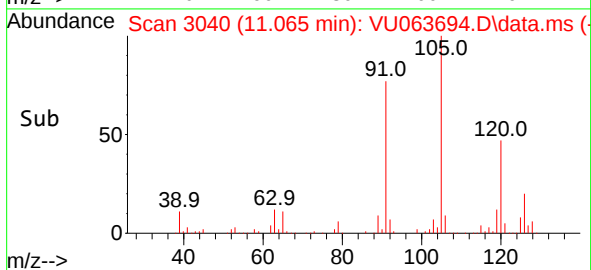
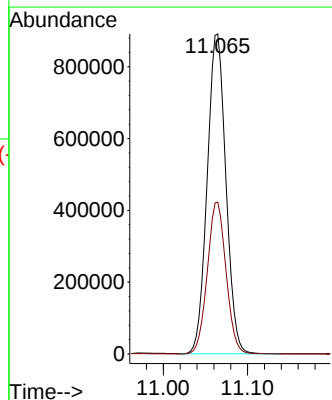
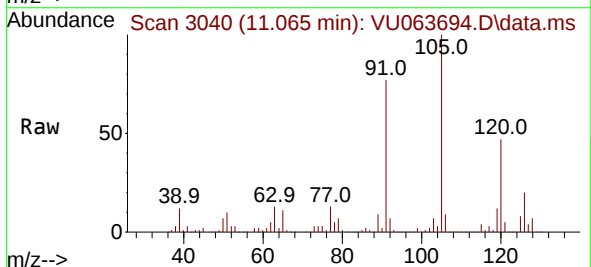
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

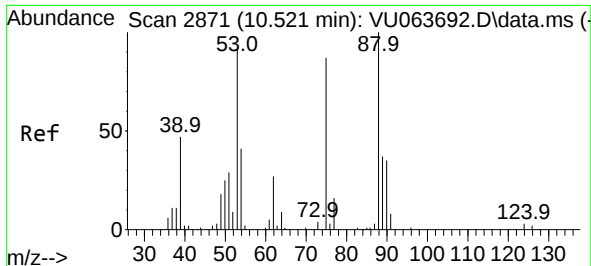
Tgt Ion: 91 Resp: 1144200
Ion Ratio Lower Upper
91 100
126 32.5 16.4 49.1



#80
1,3,5-Trimethylbenzene
Concen: 146.993 ug/l
RT: 11.065 min Scan# 3040
Delta R.T. -0.000 min
Lab File: VU063694.D
Acq: 10 Nov 2025 14:30

Tgt Ion:105 Resp: 1376609
Ion Ratio Lower Upper
105 100
120 47.5 24.1 72.2

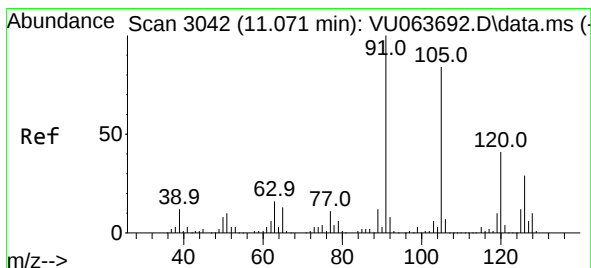
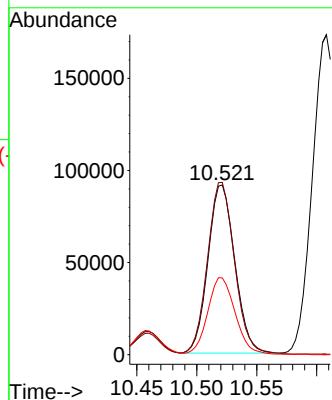
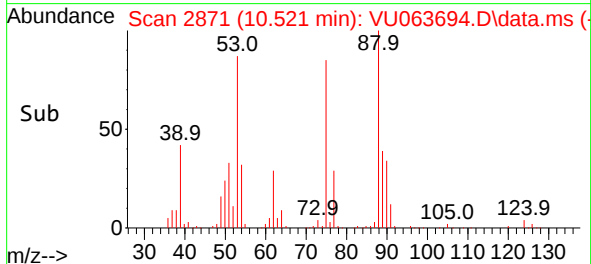
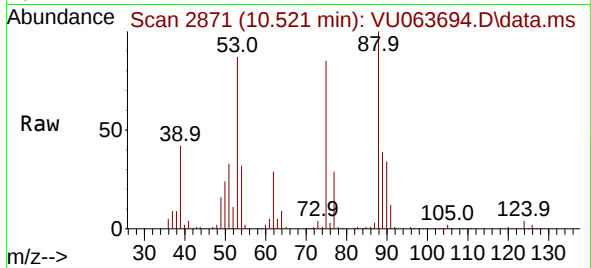




#81
trans-1,4-Dichloro-2-butene
Concen: 168.744 ug/l
RT: 10.521 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063694.D
Acq: 10 Nov 2025 14:30

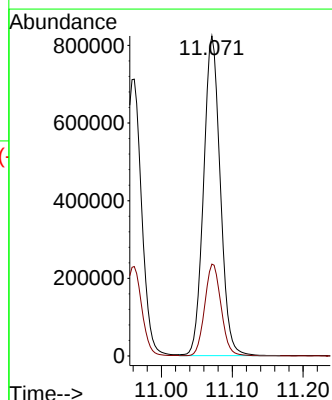
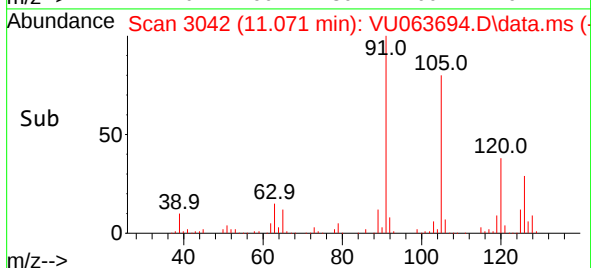
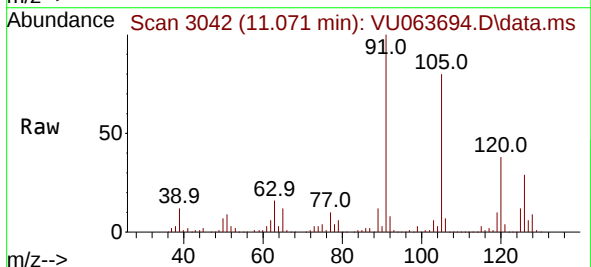
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

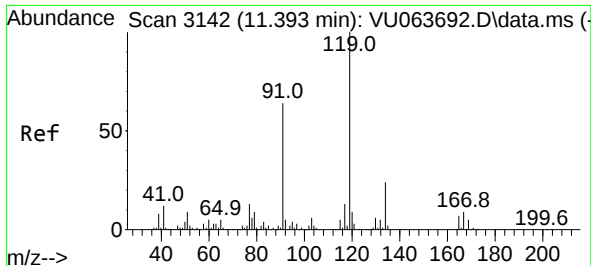
Tgt Ion: 75 Resp: 141904
Ion Ratio Lower Upper
75 100
53 103.5 86.5 129.7
89 46.7 35.2 52.8



#82
4-Chlorotoluene
Concen: 143.019 ug/l
RT: 11.071 min Scan# 3042
Delta R.T. -0.000 min
Lab File: VU063694.D
Acq: 10 Nov 2025 14:30

Tgt Ion: 91 Resp: 1345938
Ion Ratio Lower Upper
91 100
126 28.1 14.2 42.8

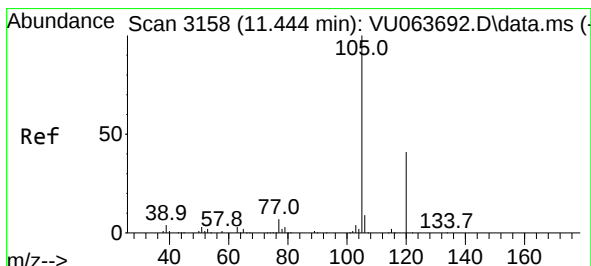
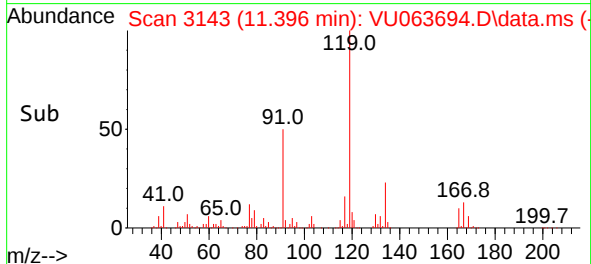
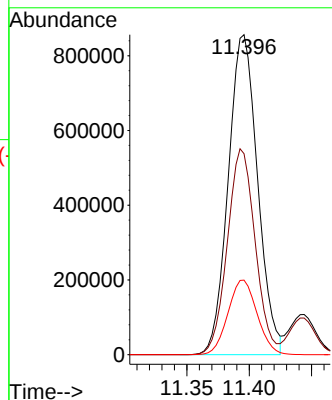
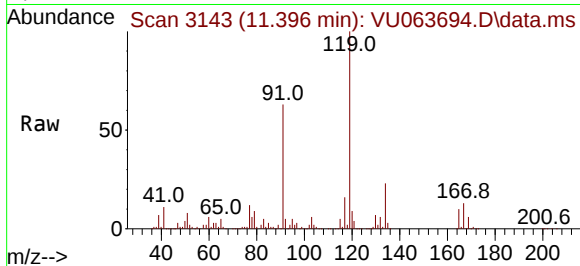




#83
 tert-Butylbenzene
 Concen: 144.104 ug/l
 RT: 11.396 min Scan# 3142
 Delta R.T. 0.003 min
 Lab File: VU063694.D
 Acq: 10 Nov 2025 14:30

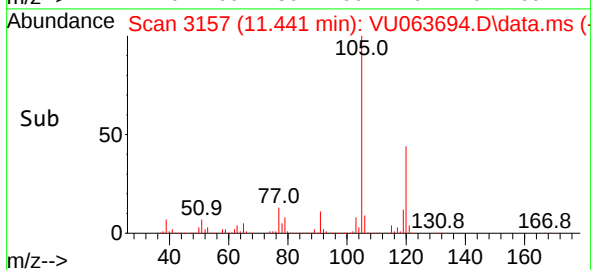
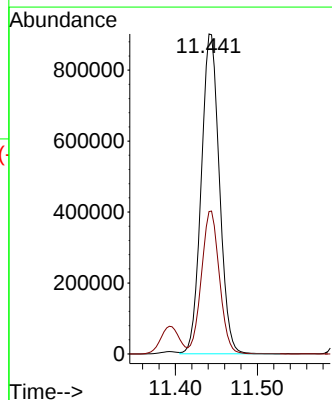
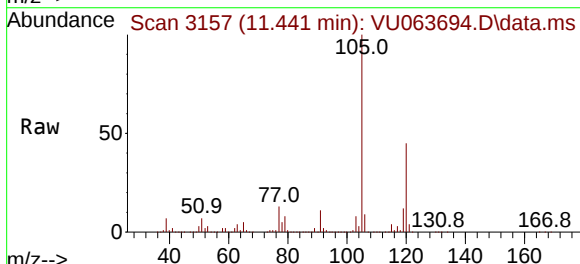
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

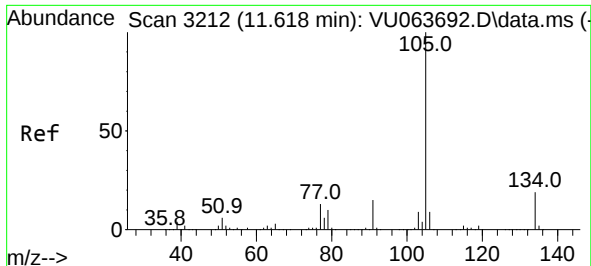
Tgt Ion:119 Resp: 1405730
 Ion Ratio Lower Upper
 119 100
 91 60.8 30.8 92.3
 134 23.1 11.9 35.5



#84
 1,2,4-Trimethylbenzene
 Concen: 150.196 ug/l
 RT: 11.441 min Scan# 3157
 Delta R.T. -0.003 min
 Lab File: VU063694.D
 Acq: 10 Nov 2025 14:30

Tgt Ion:105 Resp: 1380364
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.4 67.3

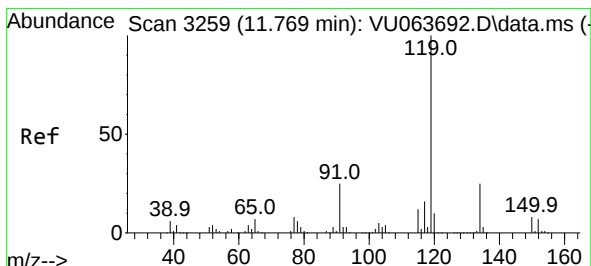
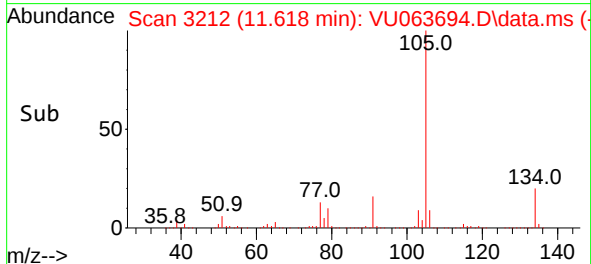
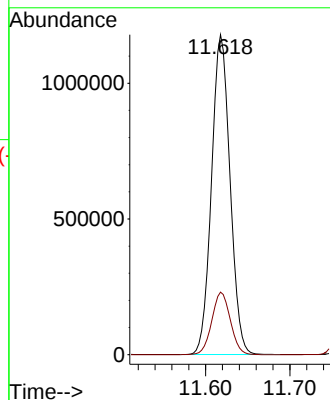
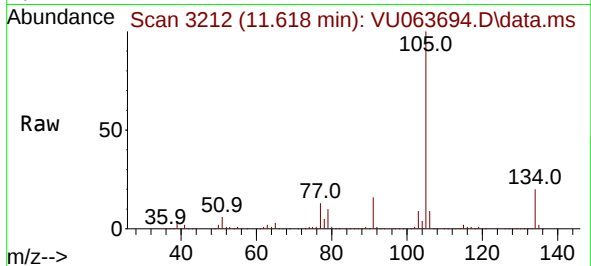




#85
 sec-Butylbenzene
 Concen: 145.825 ug/l
 RT: 11.618 min Scan# 3212
 Delta R.T. -0.000 min
 Lab File: VU063694.D
 Acq: 10 Nov 2025 14:30

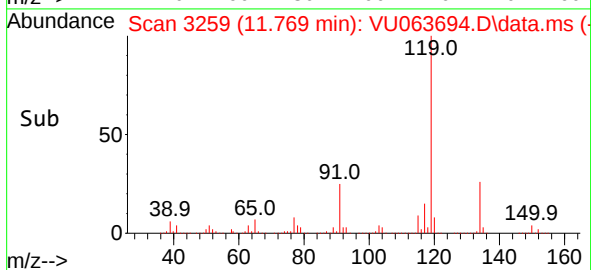
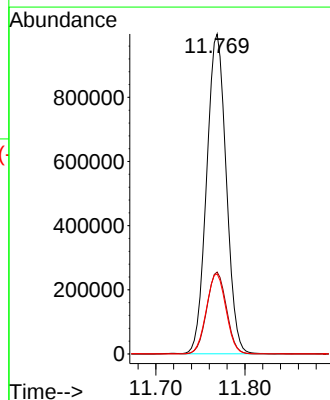
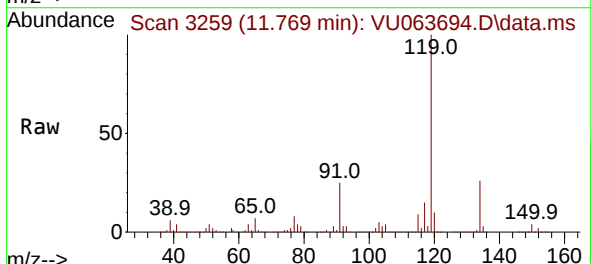
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

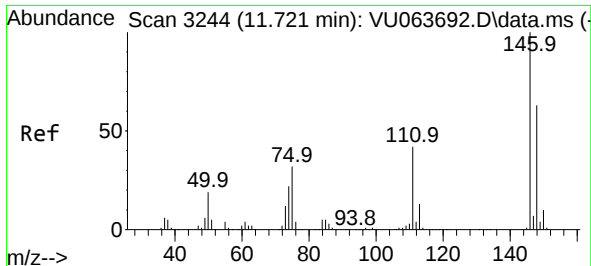
Tgt Ion:105 Resp: 1796972
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 153.528 ug/l
 RT: 11.769 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU063694.D
 Acq: 10 Nov 2025 14:30

Tgt Ion:119 Resp: 1518740
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.6 37.6
 91 25.1 12.6 37.8





#87

1,3-Dichlorobenzene

Concen: 146.961 ug/l

RT: 11.721 min Scan# 3244

Delta R.T. -0.000 min

Lab File: VU063694.D

Acq: 10 Nov 2025 14:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

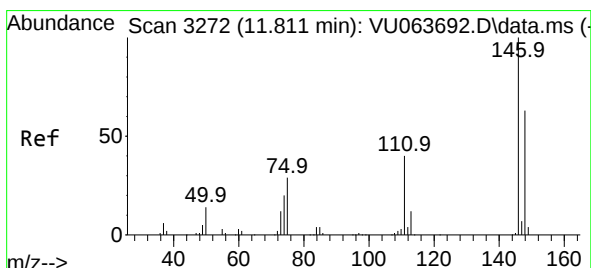
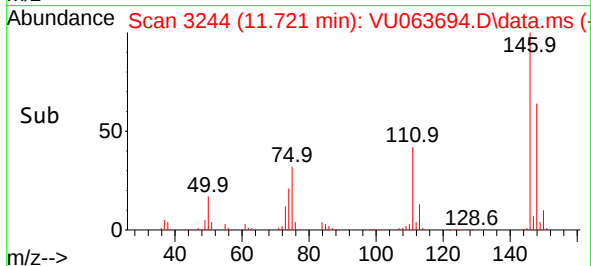
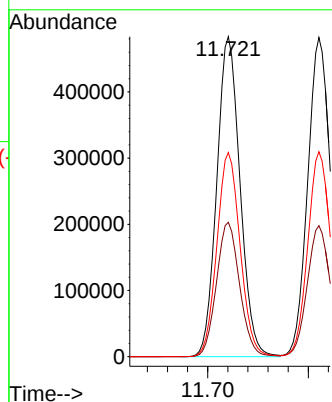
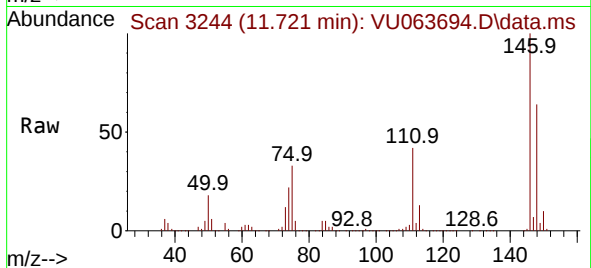
Tgt Ion:146 Resp: 775880

Ion Ratio Lower Upper

146 100

111 41.9 20.6 61.8

148 63.8 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 140.314 ug/l

RT: 11.811 min Scan# 3272

Delta R.T. -0.000 min

Lab File: VU063694.D

Acq: 10 Nov 2025 14:30

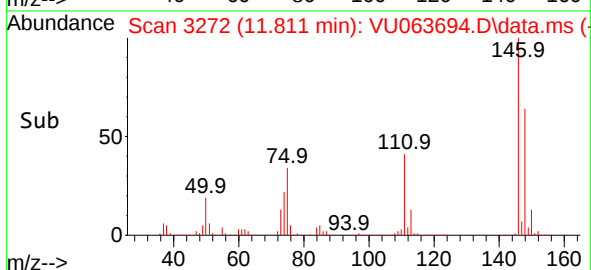
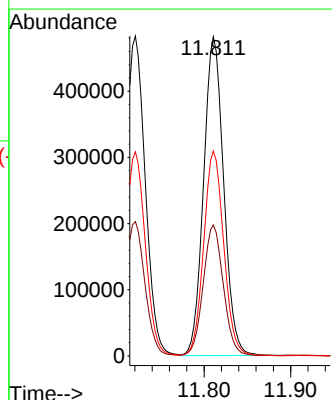
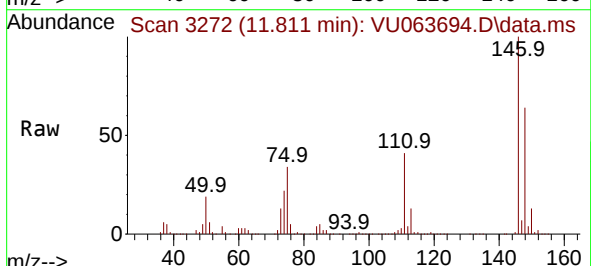
Tgt Ion:146 Resp: 775026

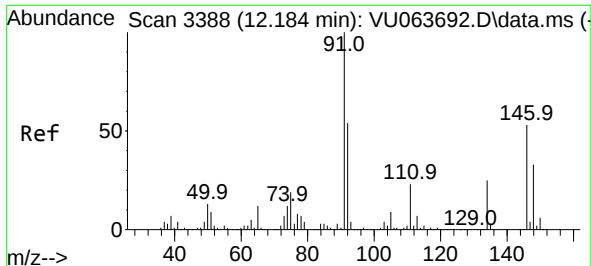
Ion Ratio Lower Upper

146 100

111 41.1 20.4 61.3

148 64.3 31.4 94.3

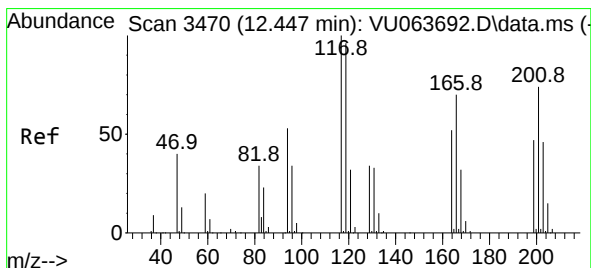
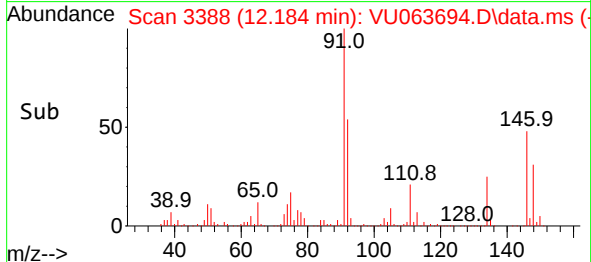
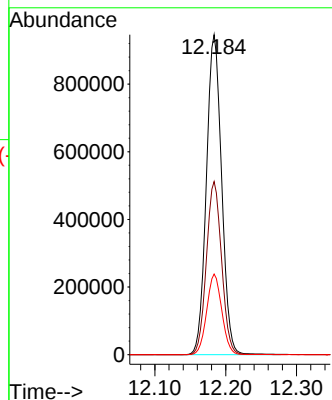
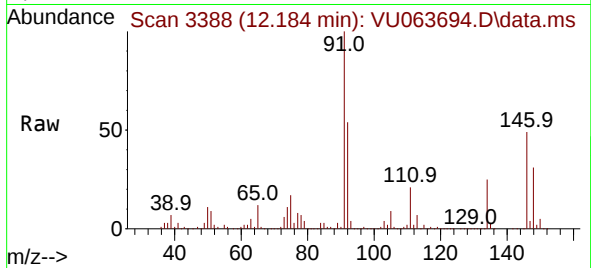




#89
n-Butylbenzene
Concen: 155.294 ug/l
RT: 12.184 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU063694.D
Acq: 10 Nov 2025 14:30

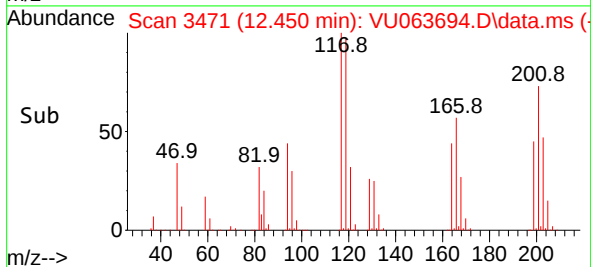
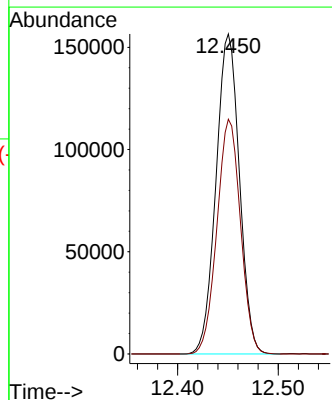
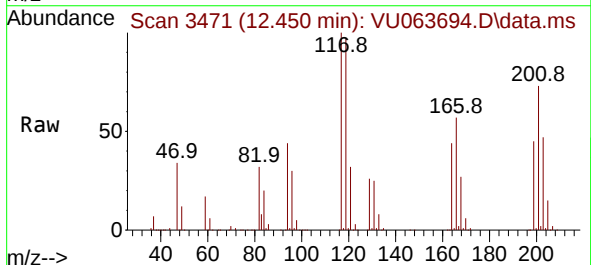
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

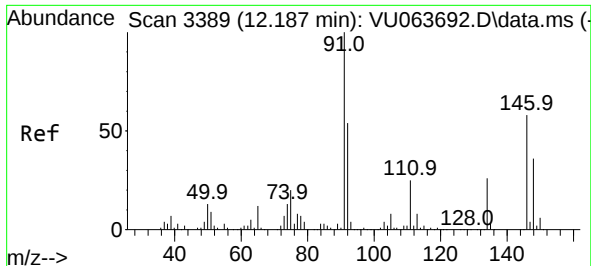
Tgt Ion: 91 Resp: 1410838
Ion Ratio Lower Upper
91 100
92 54.0 27.0 81.0
134 25.0 12.4 37.4



#90
Hexachloroethane
Concen: 167.621 ug/l
RT: 12.450 min Scan# 3471
Delta R.T. 0.003 min
Lab File: VU063694.D
Acq: 10 Nov 2025 14:30

Tgt Ion: 117 Resp: 252961
Ion Ratio Lower Upper
117 100
201 73.8 36.6 109.8

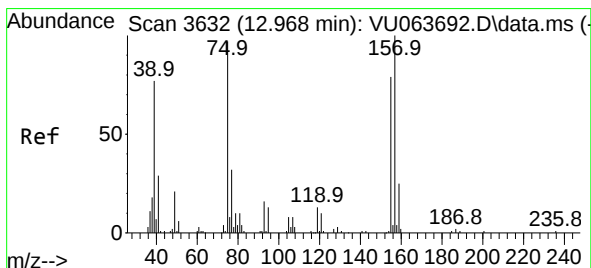
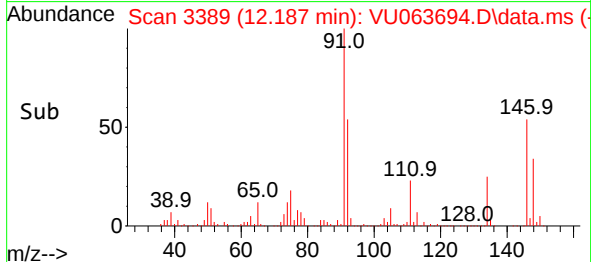
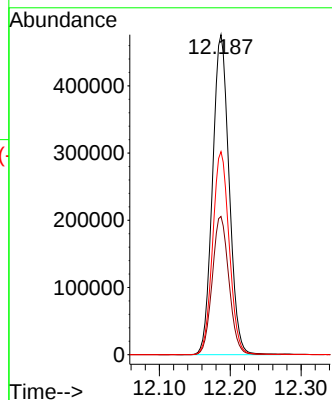
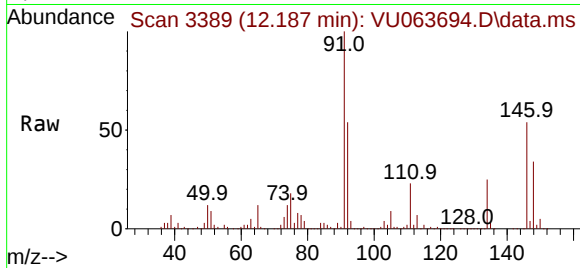




#91
 1,2-Dichlorobenzene
 Concen: 146.621 ug/l
 RT: 12.187 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU063694.D
 Acq: 10 Nov 2025 14:30

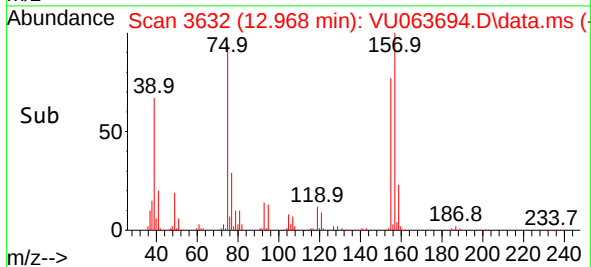
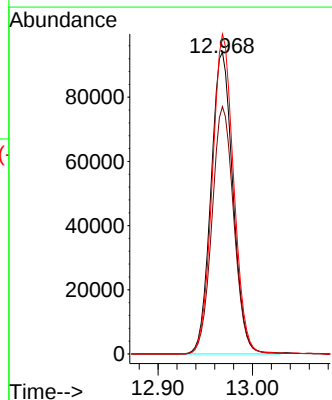
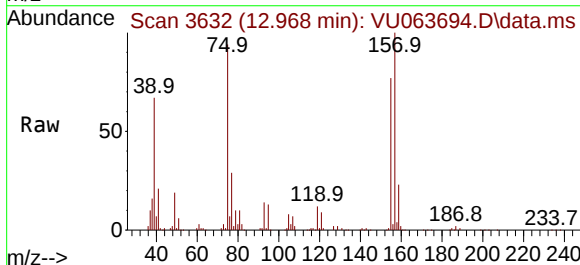
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 ClientSampleId :
 VSTDIC150

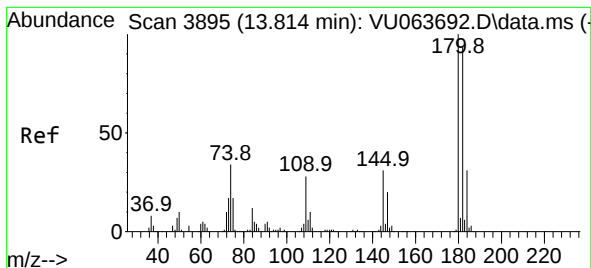
Tgt Ion:146 Resp: 772867
 Ion Ratio Lower Upper
 146 100
 111 43.4 21.8 65.3
 148 63.6 31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 172.867 ug/l
 RT: 12.968 min Scan# 3632
 Delta R.T. -0.000 min
 Lab File: VU063694.D
 Acq: 10 Nov 2025 14:30

Tgt Ion: 75 Resp: 151924
 Ion Ratio Lower Upper
 75 100
 155 81.6 40.5 121.4
 157 103.4 50.4 151.3





#93

1,2,4-Trichlorobenzene

Concen: 157.304 ug/l

RT: 13.814 min Scan# 3895

Delta R.T. -0.000 min

Lab File: VU063694.D

Acq: 10 Nov 2025 14:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

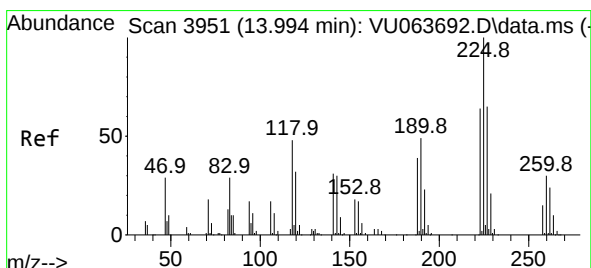
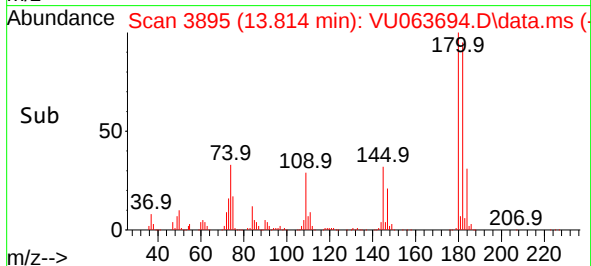
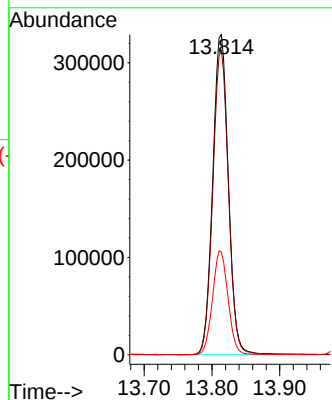
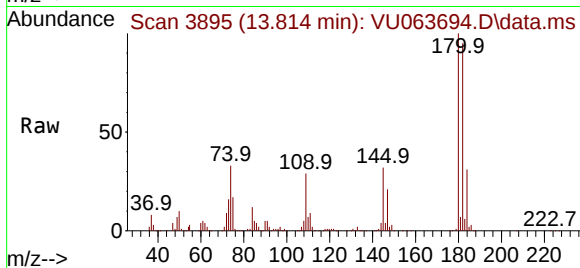
Tgt Ion:180 Resp: 528623

Ion Ratio Lower Upper

180 100

182 95.0 47.6 142.9

145 32.1 15.9 47.6



#94

Hexachlorobutadiene

Concen: 146.297 ug/l

RT: 13.994 min Scan# 3951

Delta R.T. -0.000 min

Lab File: VU063694.D

Acq: 10 Nov 2025 14:30

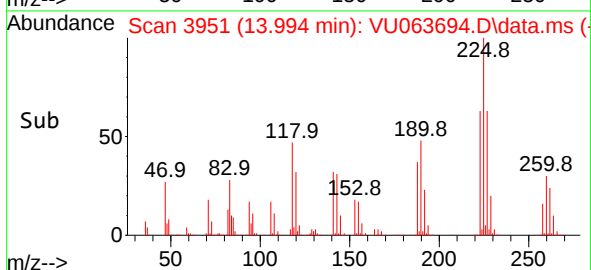
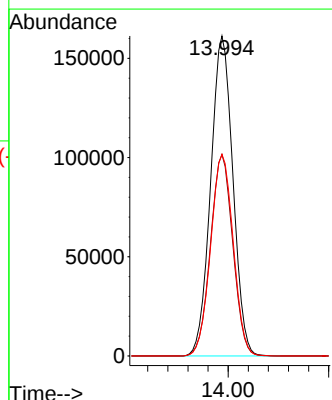
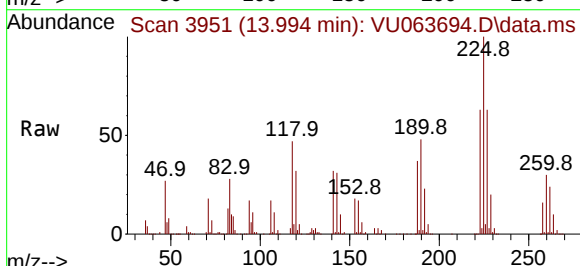
Tgt Ion:225 Resp: 247719

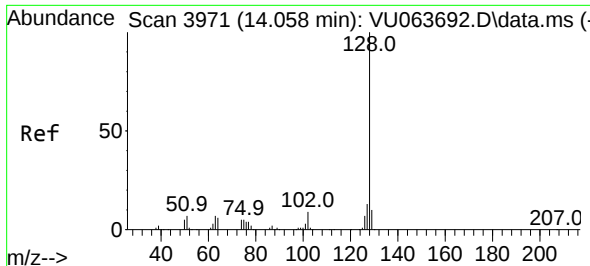
Ion Ratio Lower Upper

225 100

223 63.2 31.6 94.8

227 64.0 32.4 97.0

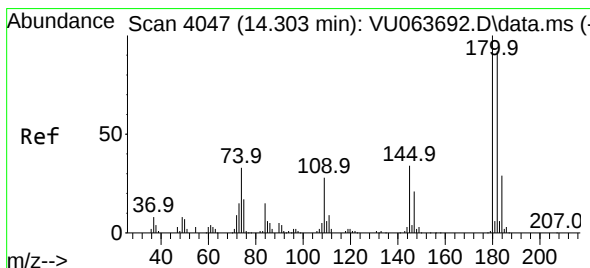
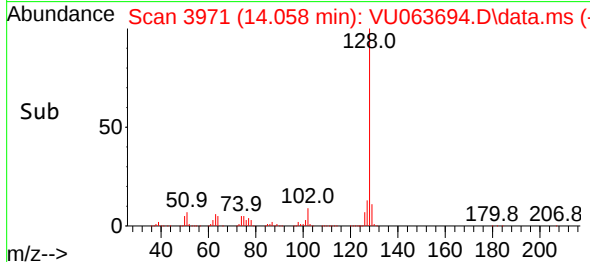
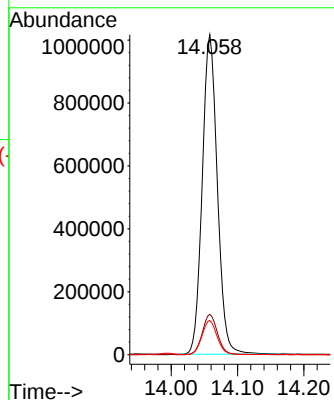
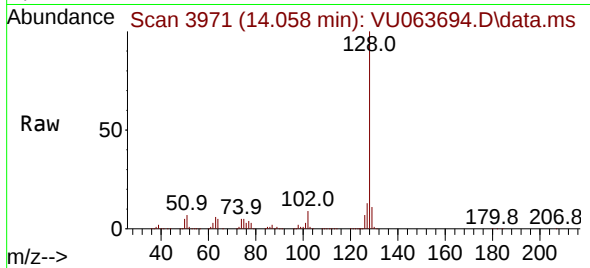




#95
Naphthalene
Concen: 176.338 ug/l
RT: 14.058 min Scan# 3971
Delta R.T. -0.000 min
Lab File: VU063694.D
Acq: 10 Nov 2025 14:30

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 1605308
Ion Ratio Lower Upper
128 100
127 12.6 9.9 14.9
129 10.7 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 161.885 ug/l
RT: 14.302 min Scan# 4047
Delta R.T. -0.000 min
Lab File: VU063694.D
Acq: 10 Nov 2025 14:30

Tgt Ion:180 Resp: 505783
Ion Ratio Lower Upper
180 100
182 95.1 47.3 142.0
145 33.6 16.6 49.7

