

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092625\
 Data File : VU063651.D
 Acq On : 25 Sep 2025 19:09
 Operator : MD/SY
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC150

Quant Time: Sep 26 06:42:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 26 06:28:53 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.357	168	156835	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.235	114	260835	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.409	117	254880	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.804	152	141792	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.685	65	228851	150.139	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 300.280%#	
35) Dibromofluoromethane	5.271	113	202463	143.332	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 286.660%#	
50) Toluene-d8	7.885	98	635604	139.038	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 278.080%#	
62) 4-Bromofluorobenzene	10.624	95	309581	151.014	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 302.020%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.377	85	219125	150.081	ug/l	98
3) Chloromethane	1.512	50	266853	139.385	ug/l	98
4) Vinyl Chloride	1.595	62	307240	140.905	ug/l	99
5) Bromomethane	1.817	94	226898	142.271	ug/l	98
6) Chloroethane	1.898	64	204970	138.437	ug/l	98
7) Trichlorofluoromethane	2.110	101	440318	137.366	ug/l	100
8) Diethyl Ether	2.364	74	173375	138.000	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.557	101	233714	133.751	ug/l	98
10) Methyl Iodide	2.698	142	355260	164.004	ug/l	100
11) Tert butyl alcohol	3.184	59	344189	748.385	ug/l	100
12) 1,1-Dichloroethene	2.557	96	231876	134.223	ug/l	97
13) Acrolein	2.473	56	53820	680.970	ug/l	91
14) Allyl chloride	2.901	41	385747	150.668	ug/l	98
15) Acrylonitrile	3.296	53	931752	762.318	ug/l	100
16) Acetone	2.615	43	777445	747.658	ug/l	99
17) Carbon Disulfide	2.769	76	598939	169.606	ug/l	100
18) Methyl Acetate	2.933	43	439612	153.455	ug/l	99
19) Methyl tert-butyl Ether	3.351	73	795614	149.248	ug/l	100
20) Methylene Chloride	3.023	84	275217	150.742	ug/l	98
21) trans-1,2-Dichloroethene	3.332	96	252564	148.723	ug/l	97
22) Diisopropyl ether	3.978	45	789361	149.828	ug/l	87
23) Vinyl Acetate	3.936	43	3453766	898.445	ug/l	99
24) 1,1-Dichloroethane	3.846	63	475860	143.890	ug/l	99
25) 2-Butanone	4.685	43	1250803	809.182	ug/l	100
26) 2,2-Dichloropropane	4.644	77	327214	154.741	ug/l	100
27) cis-1,2-Dichloroethene	4.644	96	306729	144.994	ug/l	98
28) Bromochloromethane	4.952	49	233384	162.975	ug/l	99
29) Tetrahydrofuran	5.033	42	797202	751.007	ug/l	99
30) Chloroform	5.068	83	505337	143.022	ug/l	98
31) Cyclohexane	5.367	56	425844	142.022	ug/l	97
32) 1,1,1-Trichloroethane	5.296	97	419058	151.408	ug/l	98
36) 1,1-Dichloropropene	5.509	75	350484	158.196	ug/l	99
37) Ethyl Acetate	4.788	43	447252	147.694	ug/l	96
38) Carbon Tetrachloride	5.505	117	343995	164.558	ug/l	99
39) Methylcyclohexane	6.746	83	446293	160.210	ug/l	99
40) Benzene	5.756	78	1088211	151.332	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.955	41	226273	172.941	ug/l	98
42) 1,2-Dichloroethane	5.775	62	384681	146.391	ug/l	98
43) Isopropyl Acetate	5.898	43	624806	166.319	ug/l	99
44) Trichloroethene	6.528	130	287864	154.278	ug/l	96
45) 1,2-Dichloropropane	6.775	63	277106	153.338	ug/l	100
46) Dibromomethane	6.904	93	213274	152.096	ug/l	97
47) Bromodichloromethane	7.090	83	382706	166.548	ug/l	99
48) Methyl methacrylate	6.949	41	317088	157.838	ug/l	98
49) 1,4-Dioxane	6.949	88	165511	3127.942	ug/l	97
51) 4-Methyl-2-Pentanone	7.779	43	2399752	808.698	ug/l	100
52) Toluene	7.955	92	696104	159.375	ug/l	99
53) t-1,3-Dichloropropene	8.197	75	354768	193.603	ug/l	99
54) cis-1,3-Dichloropropene	7.592	75	407717	187.569	ug/l	100
55) 1,1,2-Trichloroethane	8.386	97	275213	153.105	ug/l	98
56) Ethyl methacrylate	8.322	69	457881	149.983	ug/l	99
57) 1,3-Dichloropropane	8.563	76	468092	154.231	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.451	63	80138	750.507	ug/l	96
59) 2-Hexanone	8.672	43	1838676	844.888	ug/l	100
60) Dibromochloromethane	8.798	129	304053	185.649	ug/l	99
61) 1,2-Dibromoethane	8.910	107	297408	164.530	ug/l	100
64) Tetrachloroethene	8.541	164	279698	148.694	ug/l	98
65) Chlorobenzene	9.434	112	801901	153.138	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.521	131	259168	171.546	ug/l	98
67) Ethyl Benzene	9.560	91	1380804	157.064	ug/l	99
68) m/p-Xylenes	9.682	106	1078786	328.742	ug/l	98
69) o-Xylene	10.090	106	528527	166.344	ug/l	96
70) Styrene	10.103	104	878088	170.390	ug/l	99
71) Bromoform	10.280	173	220228	154.794	ug/l #	99
73) Isopropylbenzene	10.473	105	1351498	150.071	ug/l	100
74) N-amyl acetate	10.312	43	566217	180.904	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.772	83	493003	148.219	ug/l	99
76) 1,2,3-Trichloropropane	10.811	75	506735	147.649	ug/l #	100
77) Bromobenzene	10.772	156	347148	151.306	ug/l	98
78) n-propylbenzene	10.894	91	1632301	153.435	ug/l	99
79) 2-Chlorotoluene	10.975	91	984047	145.323	ug/l	99
80) 1,3,5-Trimethylbenzene	11.077	105	1191041	156.601	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.534	75	99298	183.257	ug/l	91
82) 4-Chlorotoluene	11.087	91	1151073	154.764	ug/l	98
83) tert-Butylbenzene	11.409	119	1159584	158.507	ug/l	97
84) 1,2,4-Trimethylbenzene	11.457	105	1189083	158.792	ug/l	100
85) sec-Butylbenzene	11.634	105	1493390	156.367	ug/l	100
86) p-Isopropyltoluene	11.785	119	1279893	163.044	ug/l	99
87) 1,3-Dichlorobenzene	11.737	146	661732	154.883	ug/l	99
88) 1,4-Dichlorobenzene	11.827	146	662472	147.775	ug/l	99
89) n-Butylbenzene	12.200	91	1171232	167.407	ug/l	99
90) Hexachloroethane	12.466	117	177822	155.827	ug/l	94
91) 1,2-Dichlorobenzene	12.203	146	641417	153.634	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.984	75	111014	180.019	ug/l	92
93) 1,2,4-Trichlorobenzene	13.830	180	437877	183.122	ug/l	98
94) Hexachlorobutadiene	14.010	225	193036	160.294	ug/l	99
95) Naphthalene	14.077	128	1346999	150.265	ug/l	99
96) 1,2,3-Trichlorobenzene	14.318	180	422836	176.351	ug/l	99

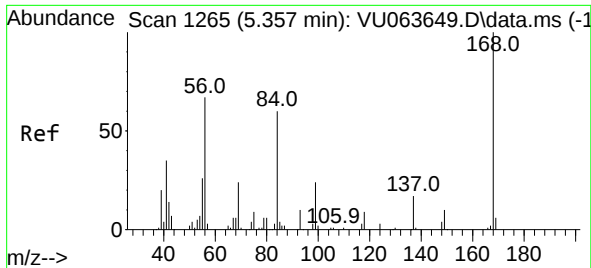
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QLast Update : Fri Sep 26 06:28:53 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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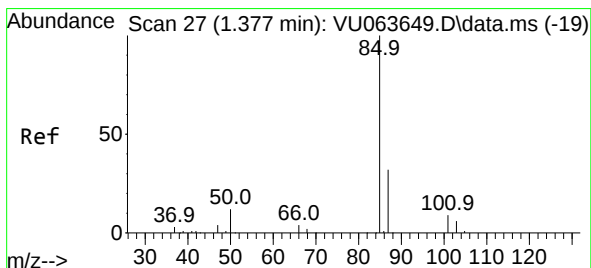
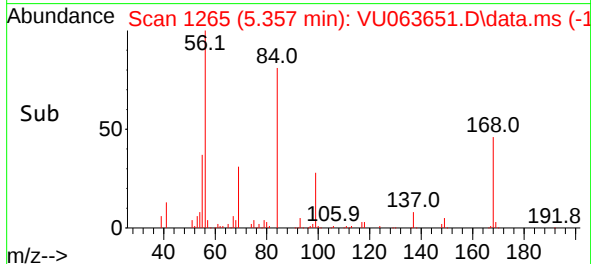
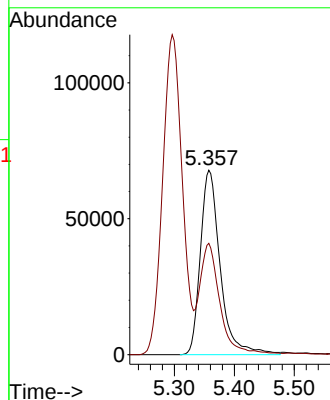
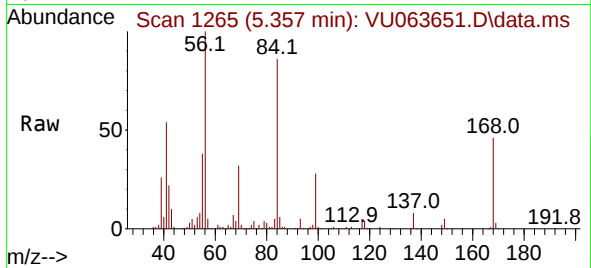
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.357 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU063651.D
Acq: 25 Sep 2025 19:09

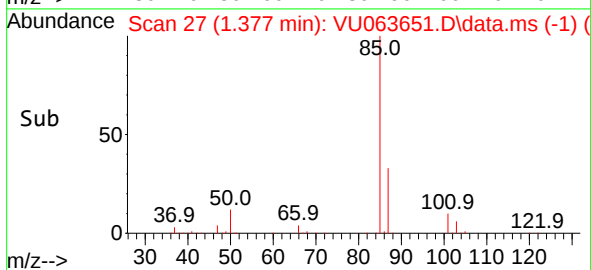
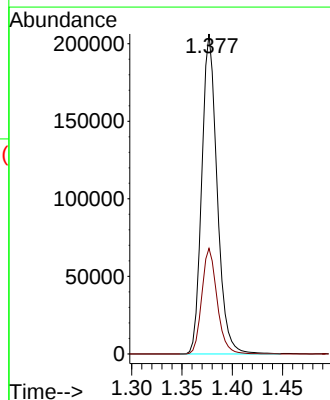
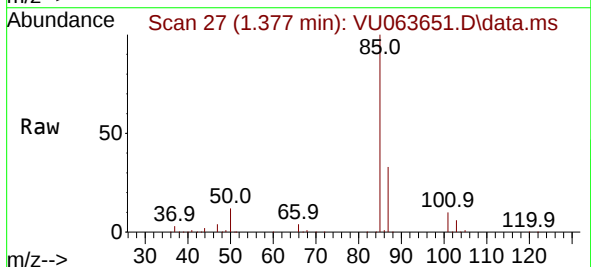
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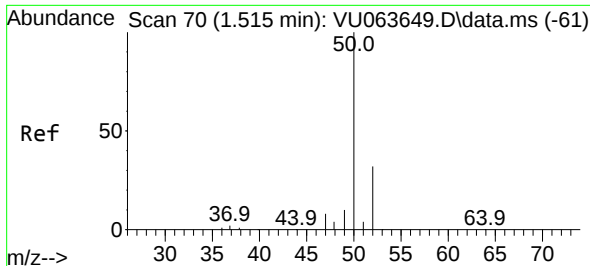
Tgt Ion:168 Resp: 156835
Ion Ratio Lower Upper
168 100
99 59.5 48.7 73.1



#2
Dichlorodifluoromethane
Concen: 150.081 ug/l
RT: 1.377 min Scan# 27
Delta R.T. -0.000 min
Lab File: VU063651.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 85 Resp: 219125
Ion Ratio Lower Upper
85 100
87 33.0 16.1 48.2

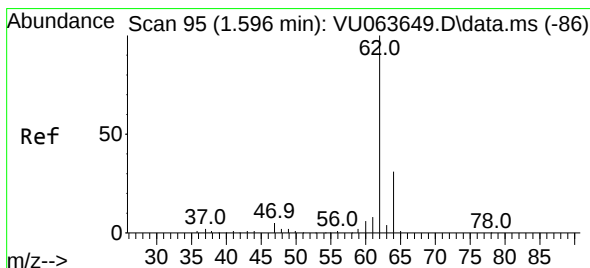
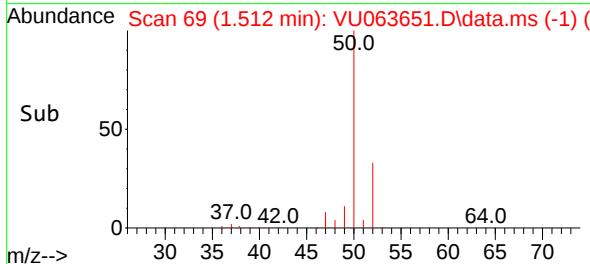
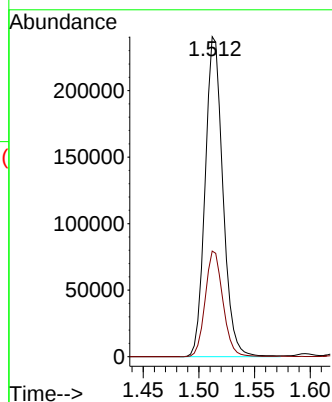
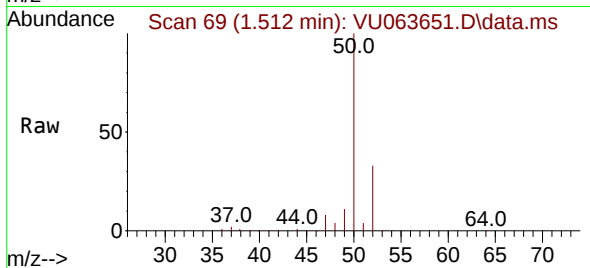




#3
Chloromethane
Concen: 139.385 ug/l
RT: 1.512 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU063651.D
Acq: 25 Sep 2025 19:09

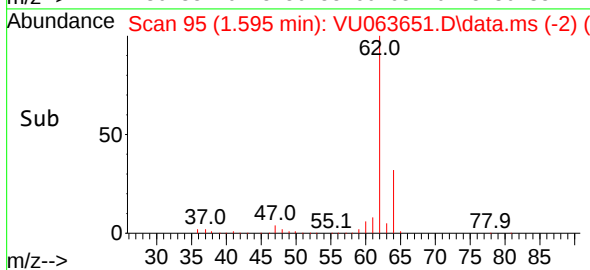
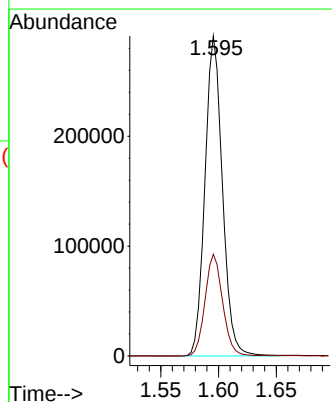
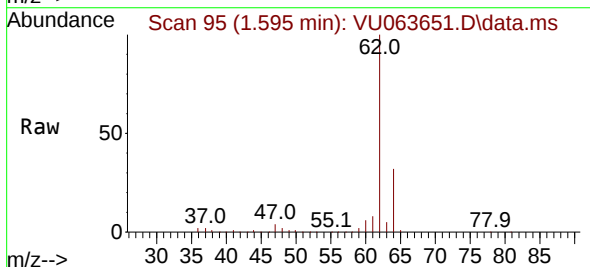
Instrument :
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ClientSampleId :
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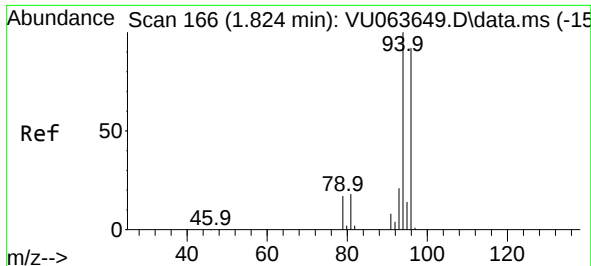
Tgt Ion: 50 Resp: 266853
Ion Ratio Lower Upper
50 100
52 33.0 25.4 38.0



#4
Vinyl Chloride
Concen: 140.905 ug/l
RT: 1.595 min Scan# 95
Delta R.T. -0.000 min
Lab File: VU063651.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 62 Resp: 307240
Ion Ratio Lower Upper
62 100
64 31.8 25.2 37.8

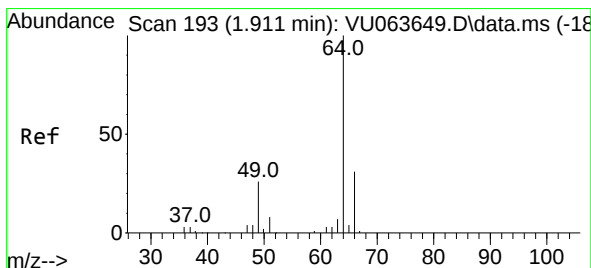
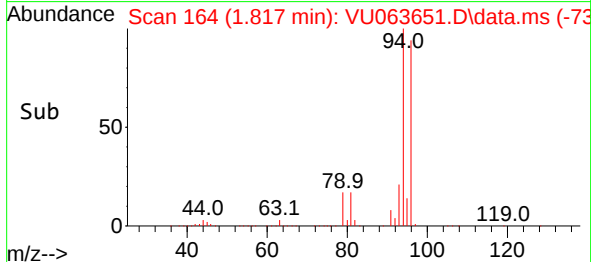
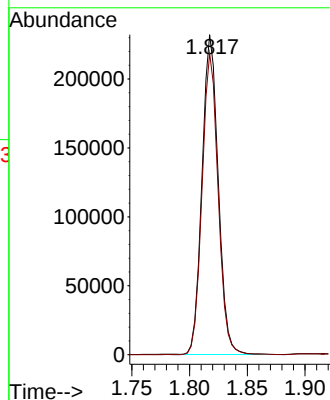
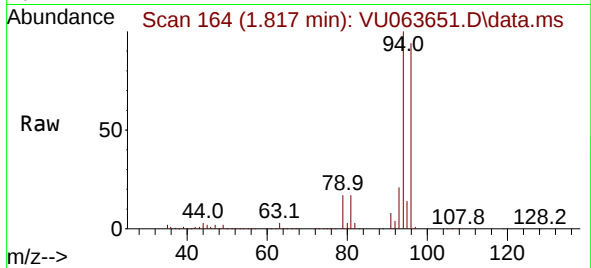




#5
Bromomethane
Concen: 142.271 ug/l
RT: 1.817 min Scan# 1
Delta R.T. -0.006 min
Lab File: VU063651.D
Acq: 25 Sep 2025 19:09

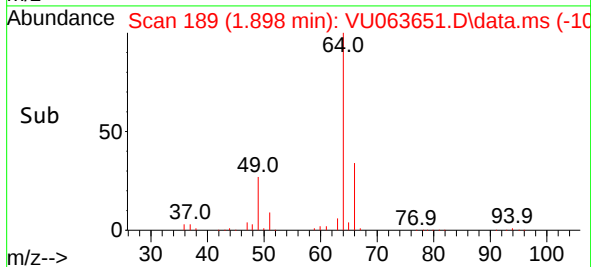
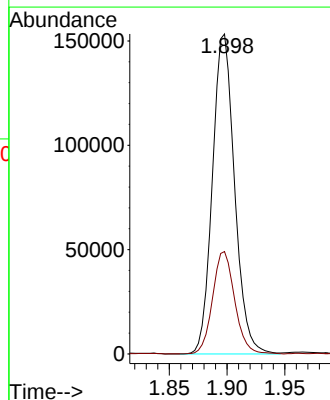
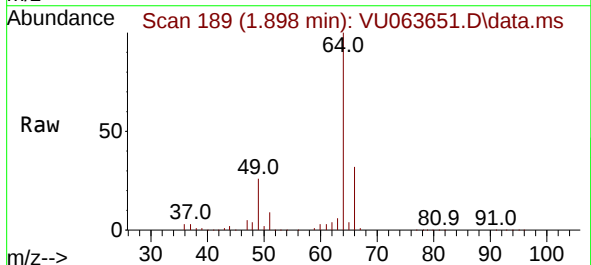
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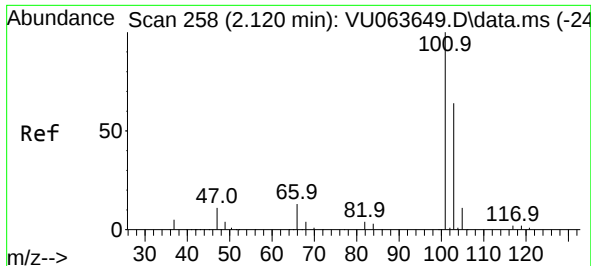
Tgt Ion: 94 Resp: 226898
Ion Ratio Lower Upper
94 100
96 94.3 73.7 110.5



#6
Chloroethane
Concen: 138.437 ug/l
RT: 1.898 min Scan# 189
Delta R.T. -0.013 min
Lab File: VU063651.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 64 Resp: 204970
Ion Ratio Lower Upper
64 100
66 31.9 24.9 37.3

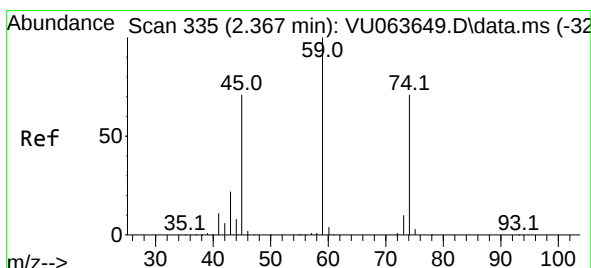
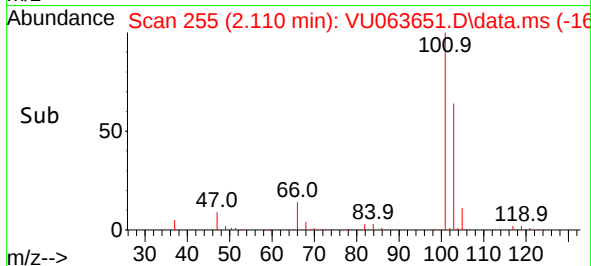
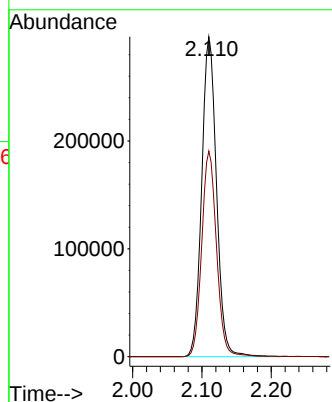
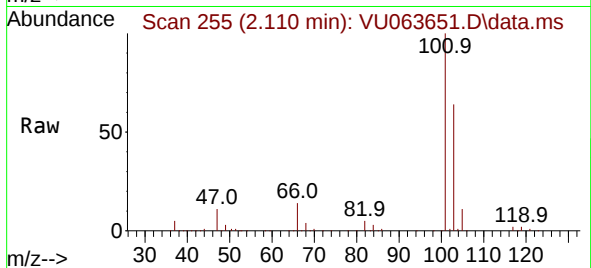




#7
 Trichlorofluoromethane
 Concen: 137.366 ug/l
 RT: 2.110 min Scan# 21
 Delta R.T. -0.010 min
 Lab File: VU063651.D
 Acq: 25 Sep 2025 19:09

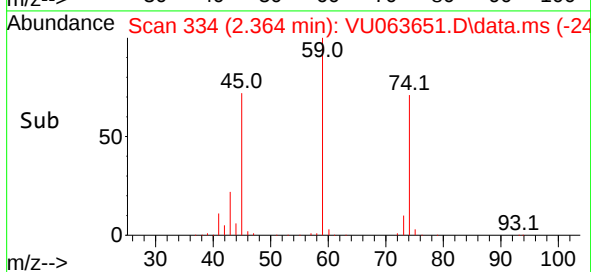
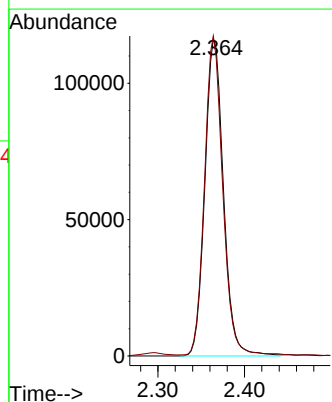
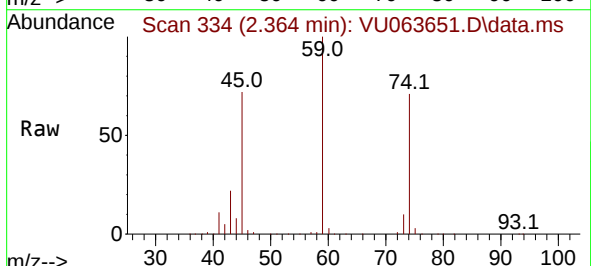
Instrument :
 MSVOA_U
 ClientSampleId :
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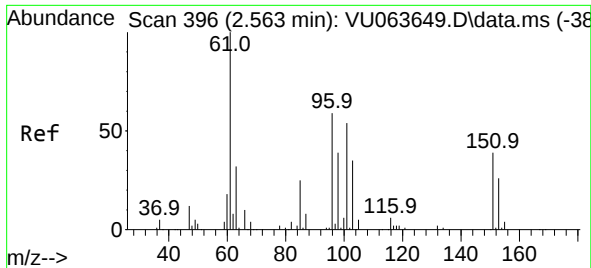
Tgt Ion:101 Resp: 440318
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.3 76.9



#8
 Diethyl Ether
 Concen: 138.000 ug/l
 RT: 2.364 min Scan# 334
 Delta R.T. -0.003 min
 Lab File: VU063651.D
 Acq: 25 Sep 2025 19:09

Tgt Ion: 74 Resp: 173375
 Ion Ratio Lower Upper
 74 100
 45 97.6 50.1 150.4



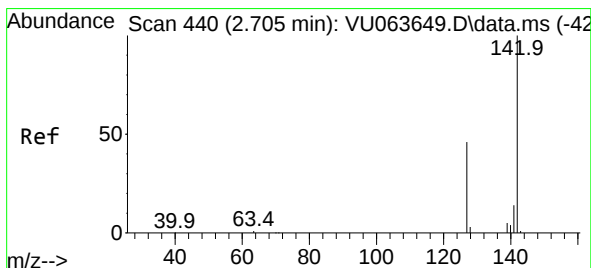
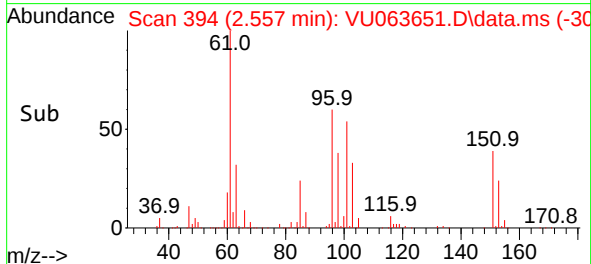
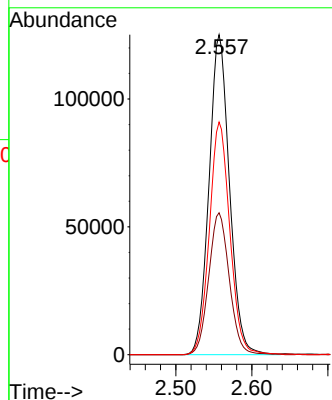
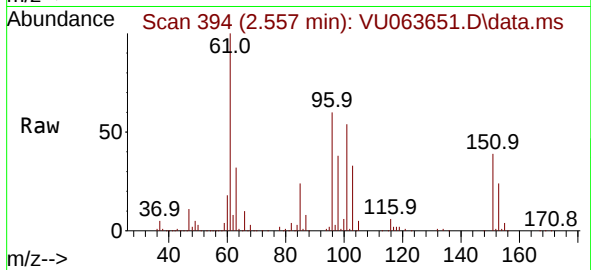


#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 133.751 ug/l
 RT: 2.557 min Scan# 396
 Delta R.T. -0.006 min
 Lab File: VU063651.D
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 MSVOA_U
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 VSTDIC150

Tgt Ion:101 Resp: 233714

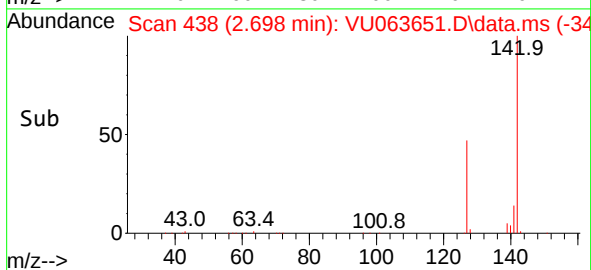
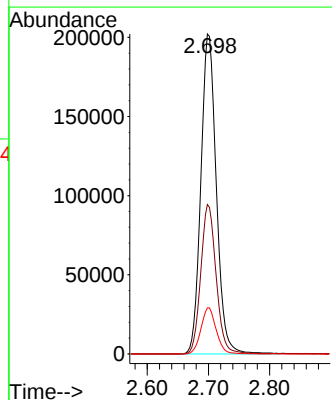
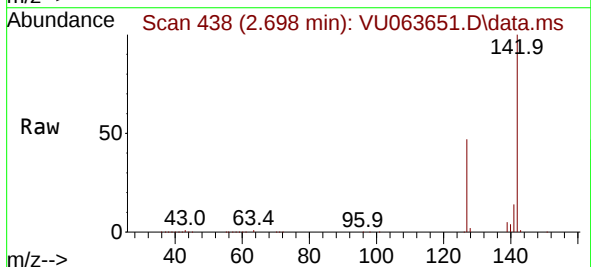
Ion	Ratio	Lower	Upper
101	100		
85	44.7	36.8	55.2
151	73.1	57.2	85.8

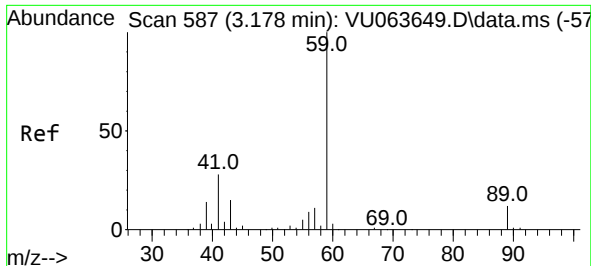


#10
 Methyl Iodide
 Concen: 164.004 ug/l
 RT: 2.698 min Scan# 438
 Delta R.T. -0.007 min
 Lab File: VU063651.D
 Acq: 25 Sep 2025 19:09

Tgt Ion:142 Resp: 355260

Ion	Ratio	Lower	Upper
142	100		
127	46.3	37.1	55.7
141	14.2	11.2	16.8

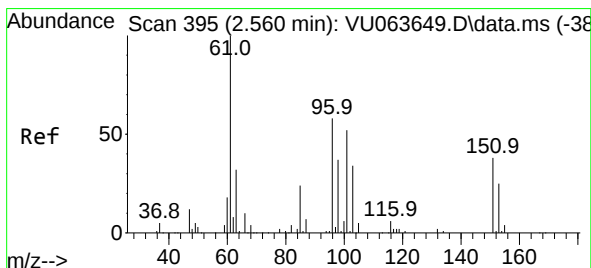
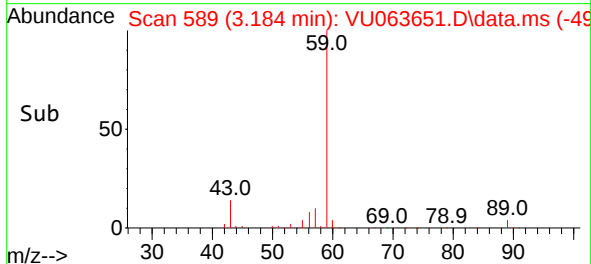
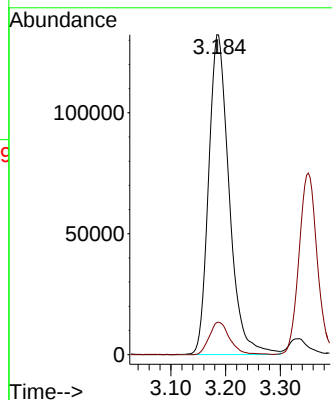
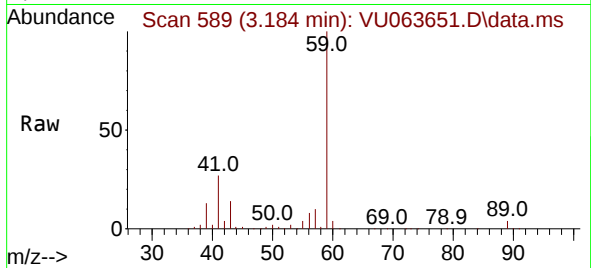




#11
Tert butyl alcohol
Concen: 748.385 ug/l
RT: 3.184 min Scan# 589
Delta R.T. 0.006 min
Lab File: VU063651.D
Acq: 25 Sep 2025 19:09

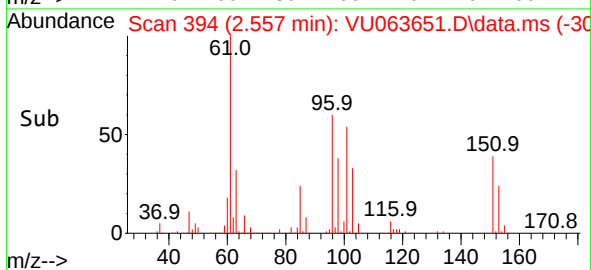
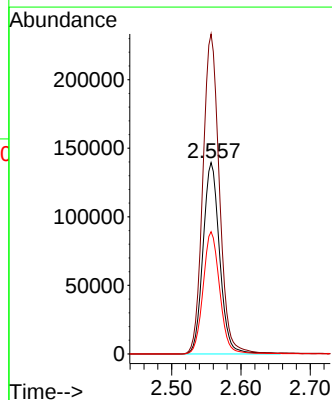
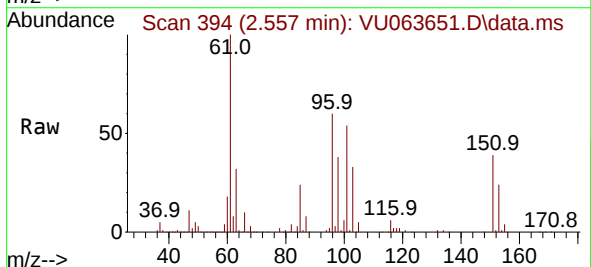
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

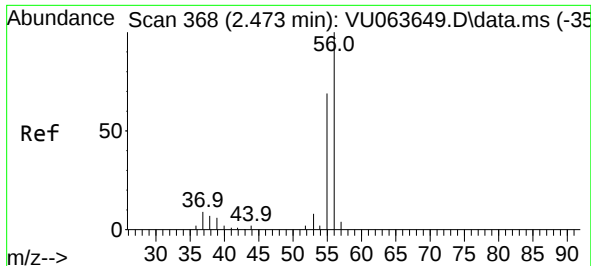
Tgt Ion: 59 Resp: 344189
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.2



#12
1,1-Dichloroethene
Concen: 134.223 ug/l
RT: 2.557 min Scan# 394
Delta R.T. -0.003 min
Lab File: VU063651.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 96 Resp: 231876
Ion Ratio Lower Upper
96 100
61 167.2 137.5 206.3
98 63.8 51.3 76.9





#13

Acrolein

Concen: 680.970 ug/l

RT: 2.473 min Scan# 3

Delta R.T. -0.000 min

Lab File: VU063651.D

Acq: 25 Sep 2025 19:09

Instrument :

MSVOA_U

ClientSampleId :

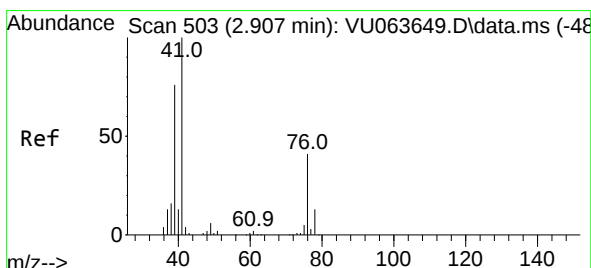
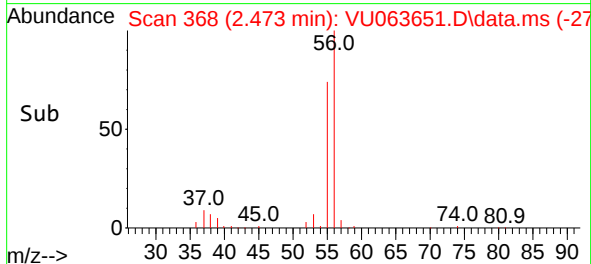
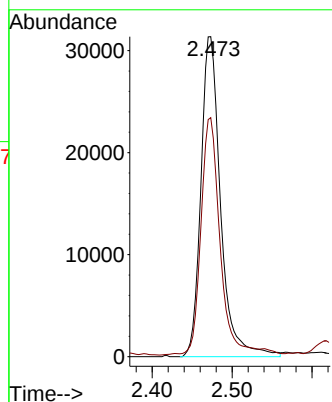
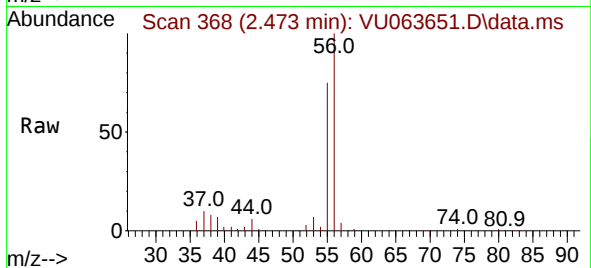
VSTDIC150

Tgt Ion: 56 Resp: 53820

Ion Ratio Lower Upper

56 100

55 69.8 62.1 93.1



#14

Allyl chloride

Concen: 150.668 ug/l

RT: 2.901 min Scan# 501

Delta R.T. -0.007 min

Lab File: VU063651.D

Acq: 25 Sep 2025 19:09

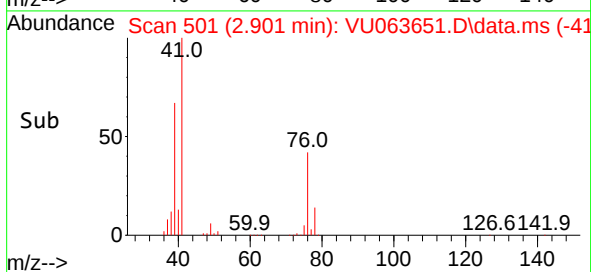
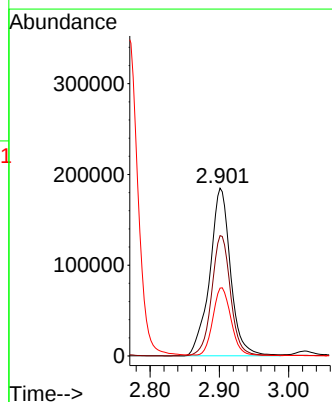
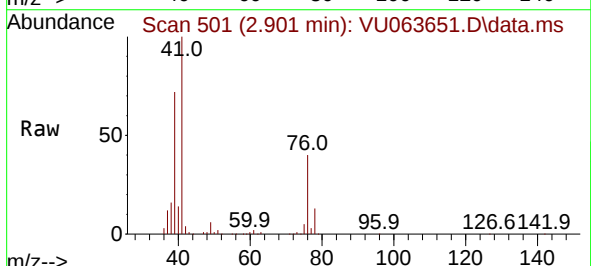
Tgt Ion: 41 Resp: 385747

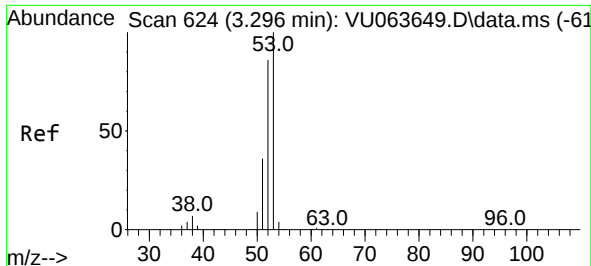
Ion Ratio Lower Upper

41 100

39 65.5 53.5 80.3

76 35.3 26.7 40.1

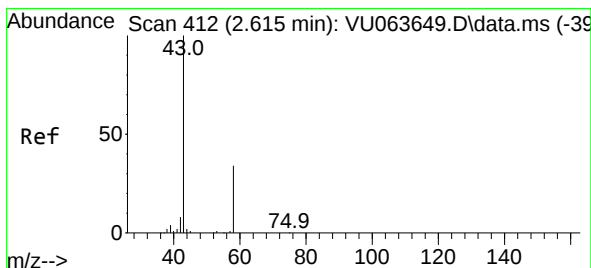
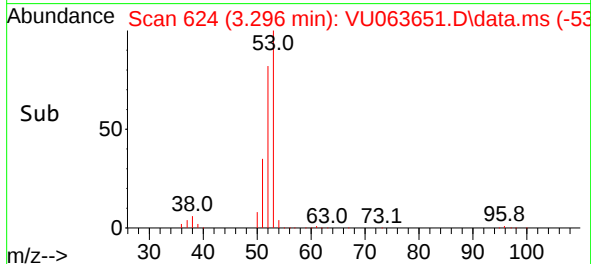
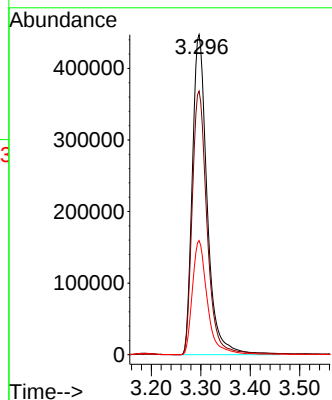
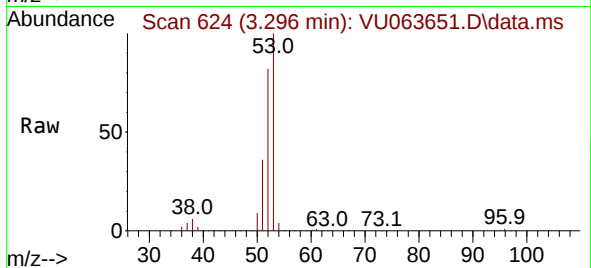




#15
Acrylonitrile
Concen: 762.318 ug/l
RT: 3.296 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU063651.D
Acq: 25 Sep 2025 19:09

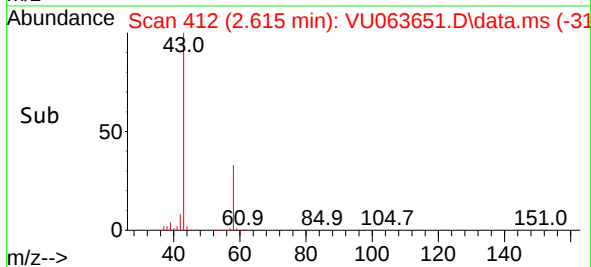
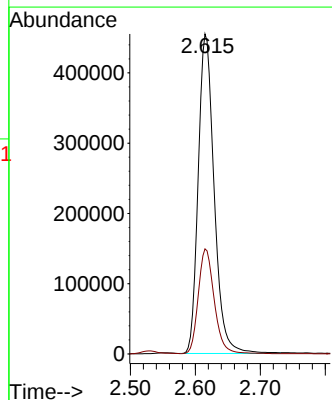
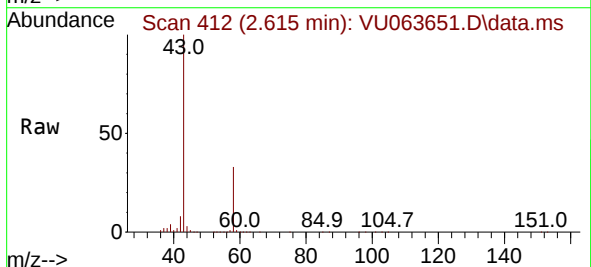
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

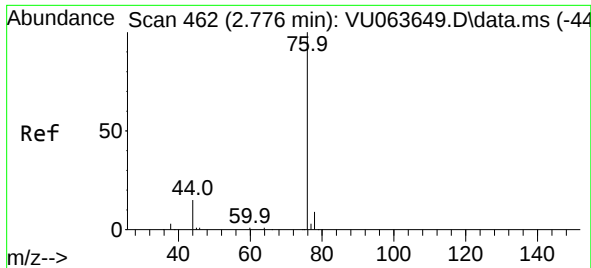
Tgt Ion:	53	Resp:	931752
Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.6	99.8
51	35.9	28.9	43.3



#16
Acetone
Concen: 747.658 ug/l
RT: 2.615 min Scan# 412
Delta R.T. -0.000 min
Lab File: VU063651.D
Acq: 25 Sep 2025 19:09

Tgt Ion:	43	Resp:	777445
Ion	Ratio	Lower	Upper
43	100		
58	32.8	26.9	40.3

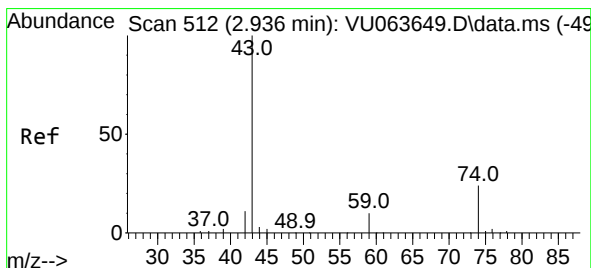
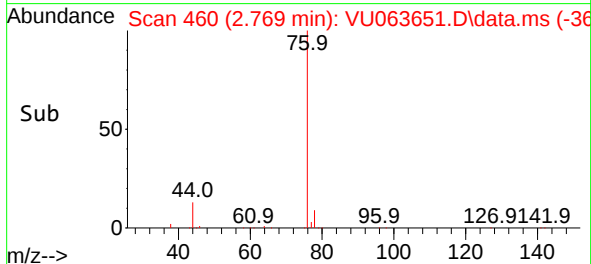
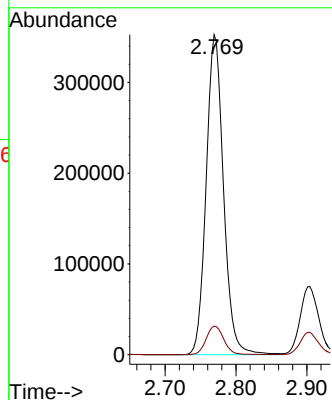
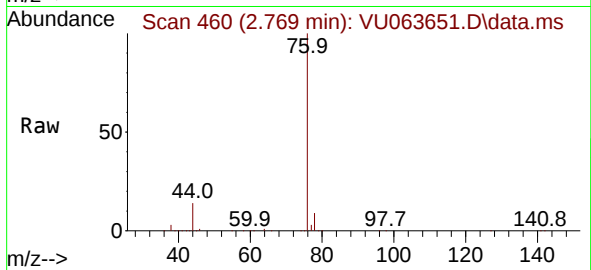




#17
Carbon Disulfide
Concen: 169.606 ug/l
RT: 2.769 min Scan# 460
Delta R.T. -0.007 min
Lab File: VU063651.D
Acq: 25 Sep 2025 19:09

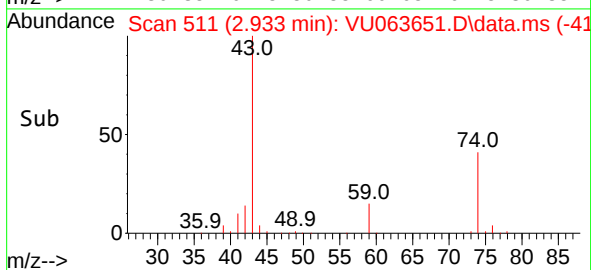
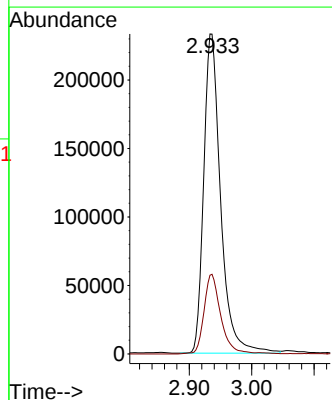
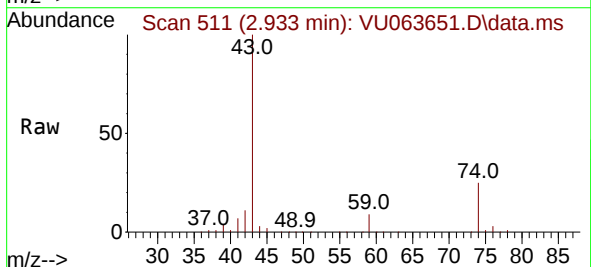
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

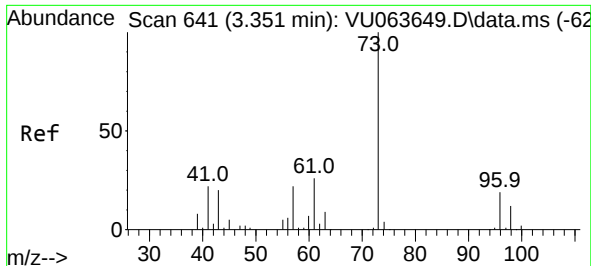
Tgt Ion: 76 Resp: 598939
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8



#18
Methyl Acetate
Concen: 153.455 ug/l
RT: 2.933 min Scan# 511
Delta R.T. -0.003 min
Lab File: VU063651.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 43 Resp: 439612
Ion Ratio Lower Upper
43 100
74 24.6 20.1 30.1

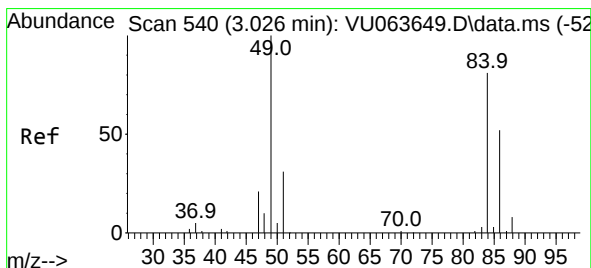
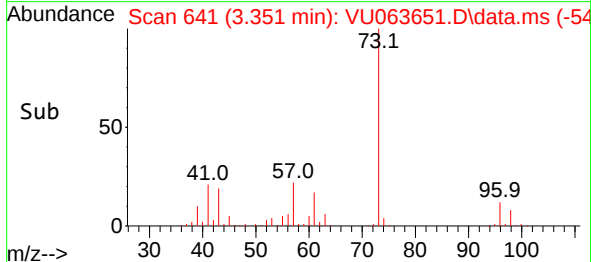
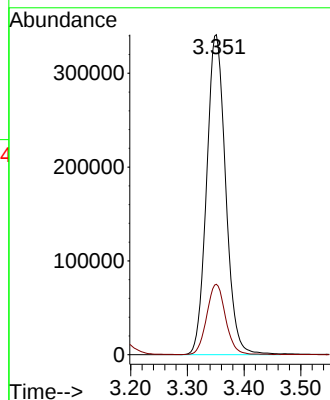
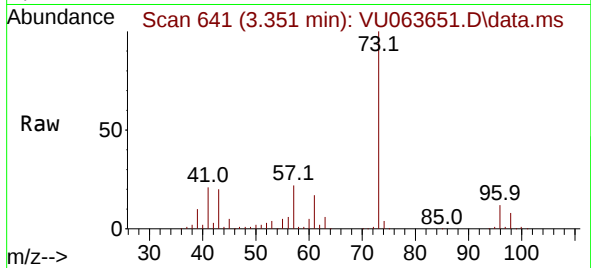




#19
Methyl tert-butyl Ether
Concen: 149.248 ug/l
RT: 3.351 min Scan# 641
Delta R.T. -0.000 min
Lab File: VU063651.D
Acq: 25 Sep 2025 19:09

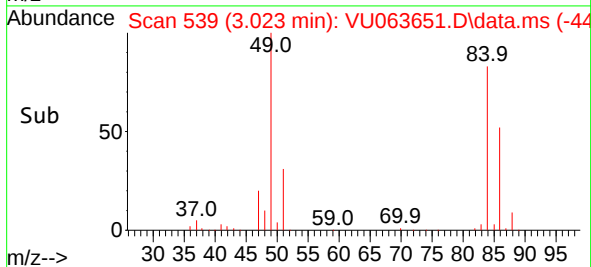
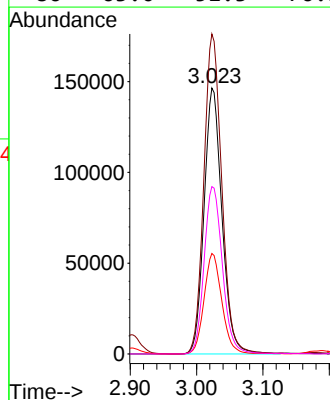
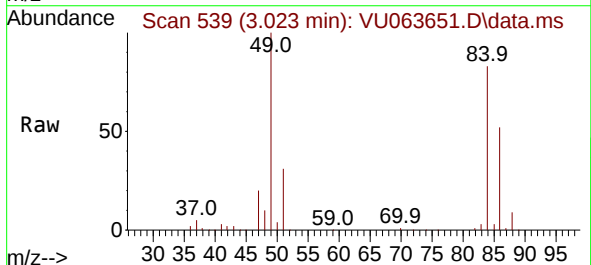
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

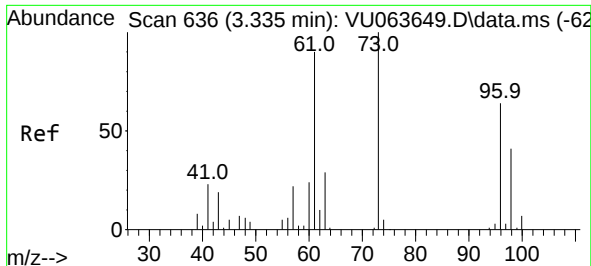
Tgt Ion: 73 Resp: 795614
Ion Ratio Lower Upper
73 100
57 22.0 17.6 26.4



#20
Methylene Chloride
Concen: 150.742 ug/l
RT: 3.023 min Scan# 539
Delta R.T. -0.003 min
Lab File: VU063651.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 84 Resp: 275217
Ion Ratio Lower Upper
84 100
49 120.4 98.4 147.6
51 37.8 30.7 46.1
86 63.0 51.3 76.9

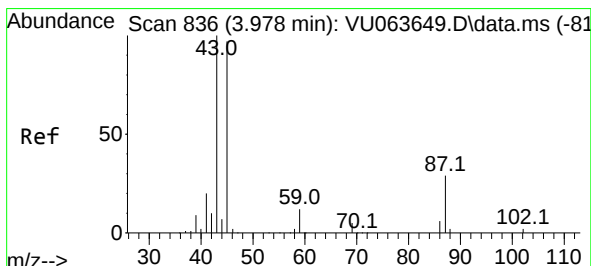
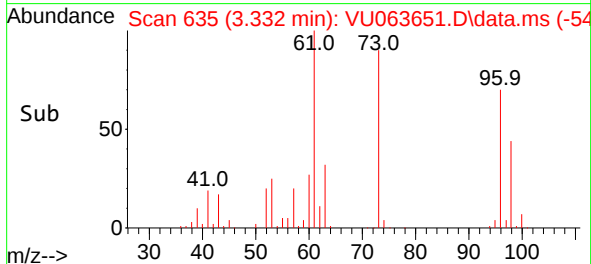
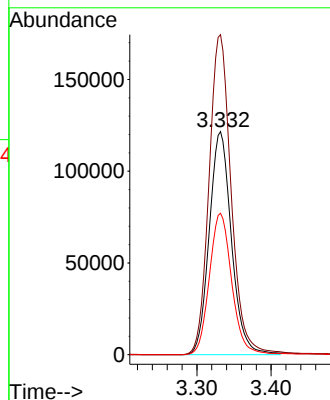
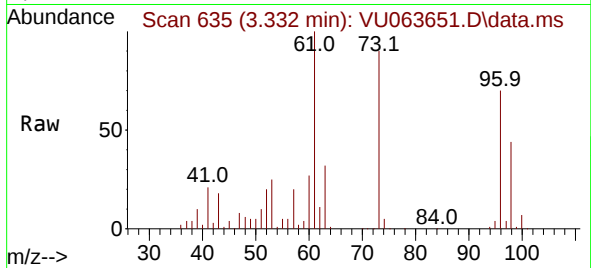




#21
trans-1,2-Dichloroethene
Concen: 148.723 ug/l
RT: 3.332 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU063651.D
Acq: 25 Sep 2025 19:09

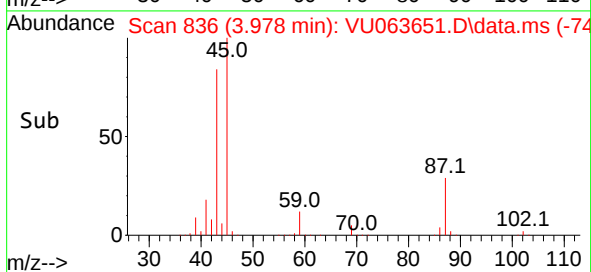
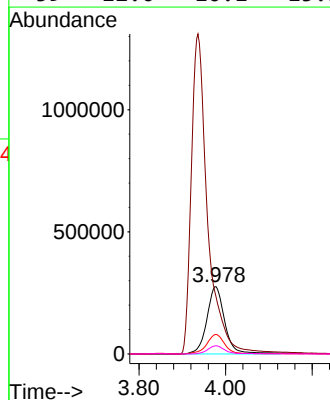
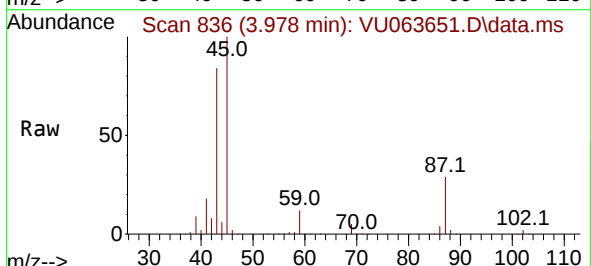
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

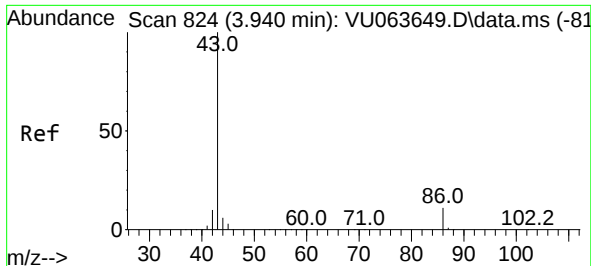
Tgt Ion: 96 Resp: 252564
Ion Ratio Lower Upper
96 100
61 143.5 111.3 166.9
98 63.4 50.5 75.7



#22
Diisopropyl ether
Concen: 149.828 ug/l
RT: 3.978 min Scan# 836
Delta R.T. -0.000 min
Lab File: VU063651.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 45 Resp: 789361
Ion Ratio Lower Upper
45 100
43 83.9 82.1 123.1
87 29.1 23.8 35.6
59 12.0 10.1 15.1

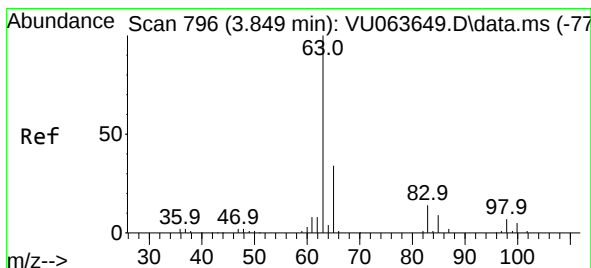
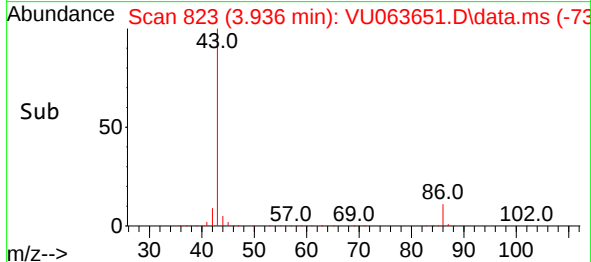
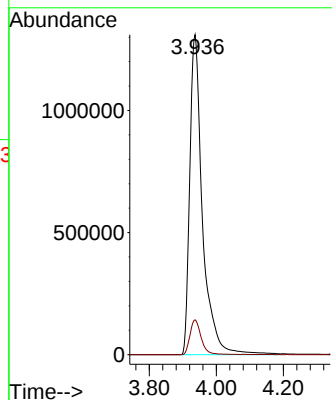
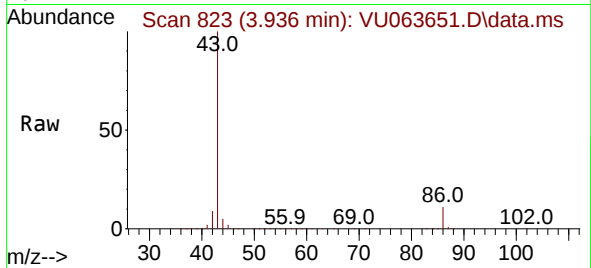




#23
 Vinyl Acetate
 Concen: 898.445 ug/l
 RT: 3.936 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU063651.D
 Acq: 25 Sep 2025 19:09

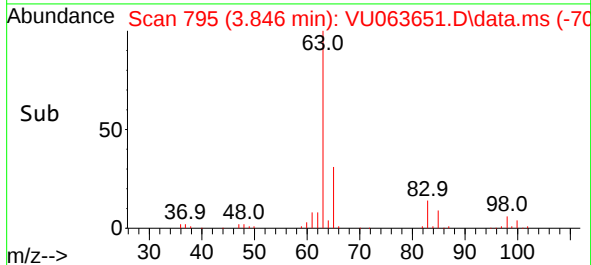
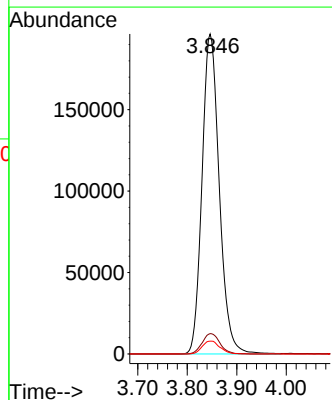
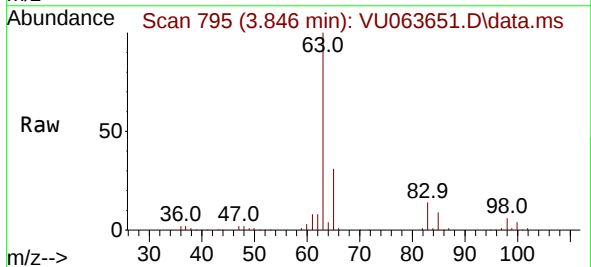
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

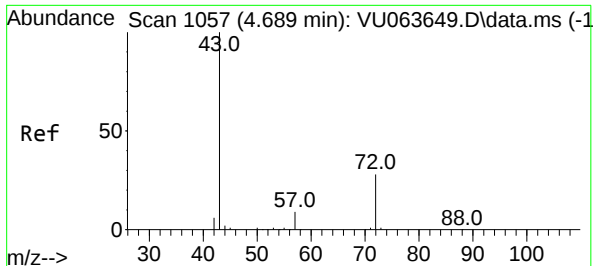
Tgt Ion: 43 Resp: 3453766
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 143.890 ug/l
 RT: 3.846 min Scan# 795
 Delta R.T. -0.003 min
 Lab File: VU063651.D
 Acq: 25 Sep 2025 19:09

Tgt Ion: 63 Resp: 475860
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.3 9.9
 100 4.0 2.4 7.1





#25

2-Butanone

Concen: 809.182 ug/l

RT: 4.685 min Scan# 1056

Delta R.T. -0.003 min

Lab File: VU063651.D

Acq: 25 Sep 2025 19:09

Instrument :

MSVOA_U

ClientSampleId :

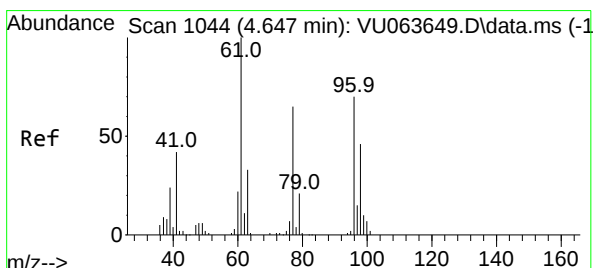
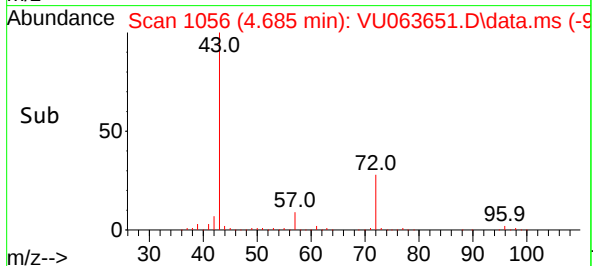
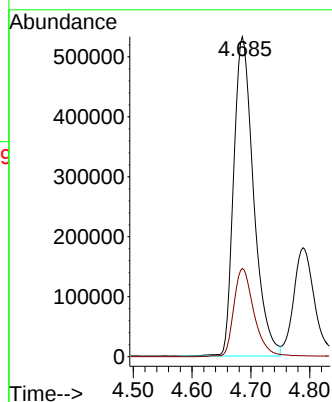
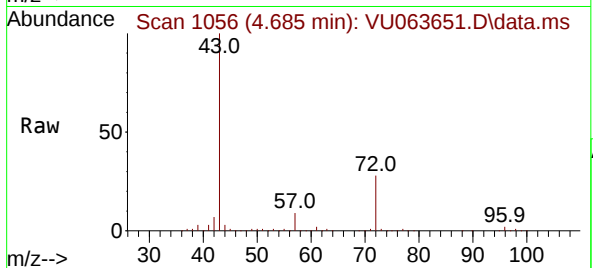
VSTDIC150

Tgt Ion: 43 Resp: 1250803

Ion Ratio Lower Upper

43 100

72 27.6 22.2 33.2



#26

2,2-Dichloropropane

Concen: 154.741 ug/l

RT: 4.644 min Scan# 1043

Delta R.T. -0.003 min

Lab File: VU063651.D

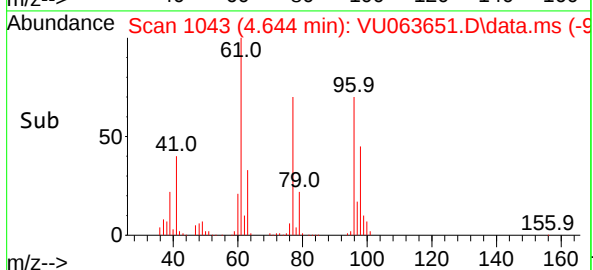
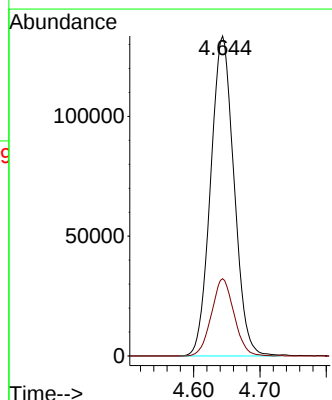
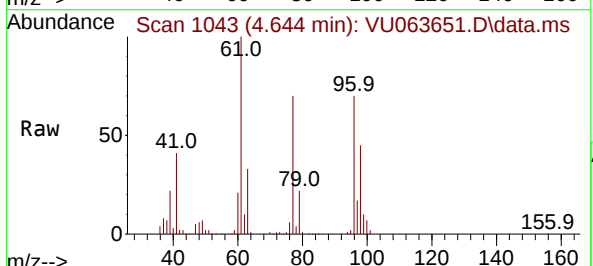
Acq: 25 Sep 2025 19:09

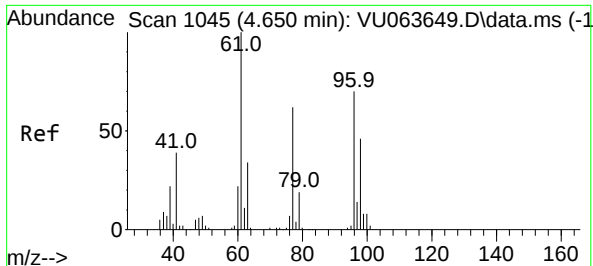
Tgt Ion: 77 Resp: 327214

Ion Ratio Lower Upper

77 100

97 23.4 11.6 34.8

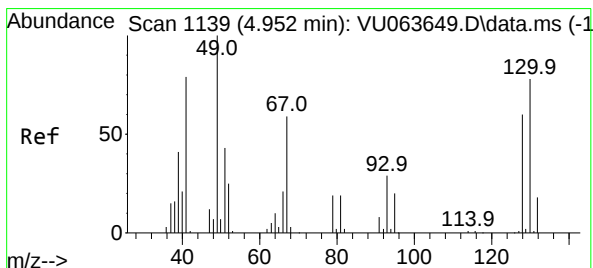
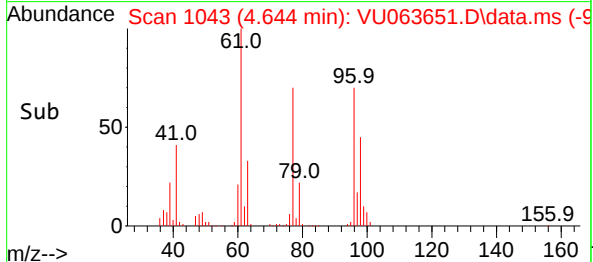
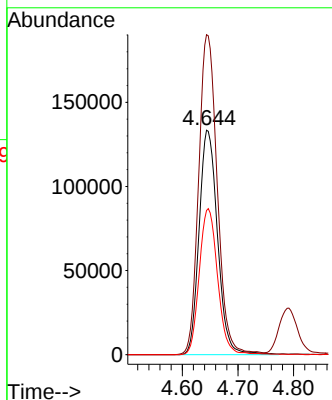
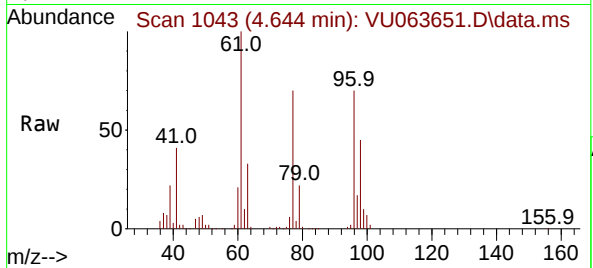




#27
 cis-1,2-Dichloroethene
 Concen: 144.994 ug/l
 RT: 4.644 min Scan# 1043
 Delta R.T. -0.006 min
 Lab File: VU063651.D
 Acq: 25 Sep 2025 19:09

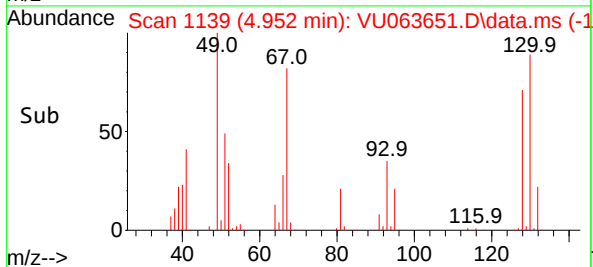
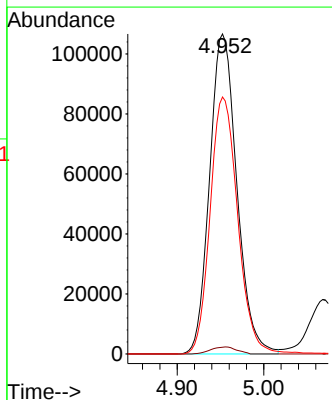
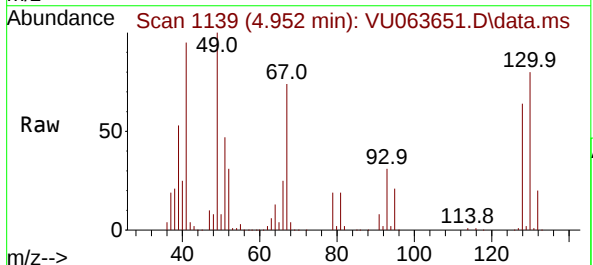
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

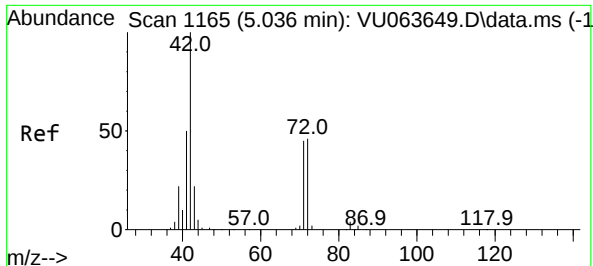
Tgt Ion: 96 Resp: 306729
 Ion Ratio Lower Upper
 96 100
 61 144.2 0.0 295.0
 98 64.6 0.0 130.8



#28
 Bromochloromethane
 Concen: 162.975 ug/l
 RT: 4.952 min Scan# 1139
 Delta R.T. -0.000 min
 Lab File: VU063651.D
 Acq: 25 Sep 2025 19:09

Tgt Ion: 49 Resp: 233384
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.4
 130 81.4 64.6 96.8





#29

Tetrahydrofuran

Concen: 751.007 ug/l

RT: 5.033 min Scan# 1164

Delta R.T. -0.003 min

Lab File: VU063651.D

Acq: 25 Sep 2025 19:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

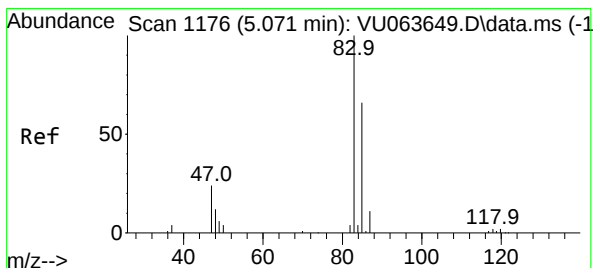
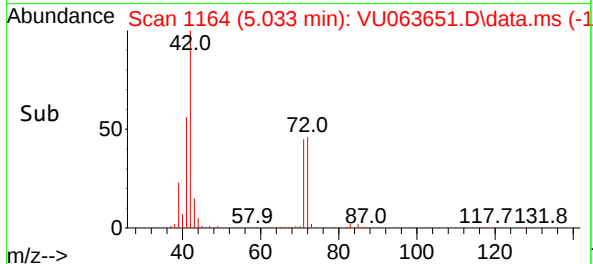
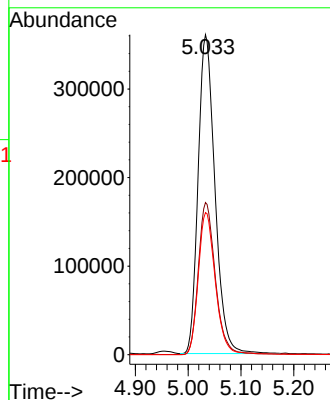
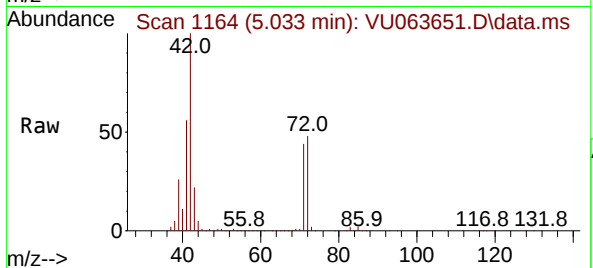
Tgt Ion: 42 Resp: 797202

Ion Ratio Lower Upper

42 100

72 48.3 37.9 56.9

71 44.9 36.0 54.0



#30

Chloroform

Concen: 143.022 ug/l

RT: 5.068 min Scan# 1175

Delta R.T. -0.003 min

Lab File: VU063651.D

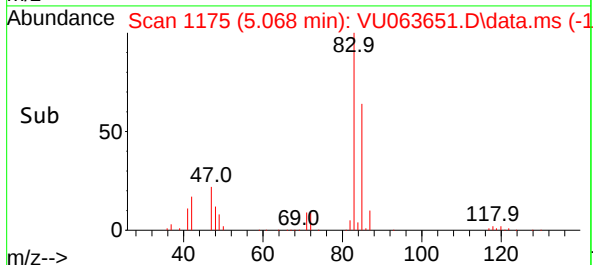
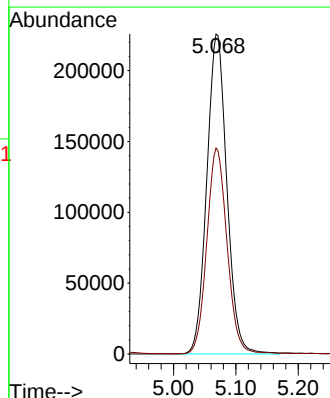
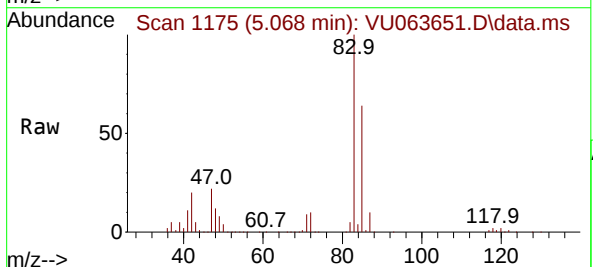
Acq: 25 Sep 2025 19:09

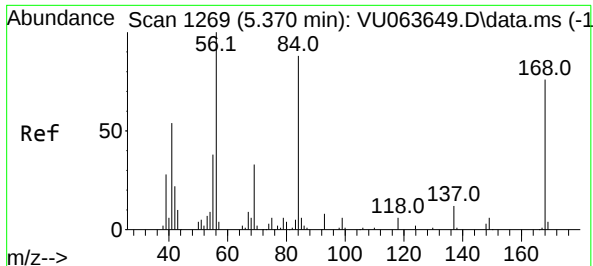
Tgt Ion: 83 Resp: 505337

Ion Ratio Lower Upper

83 100

85 64.3 52.8 79.2

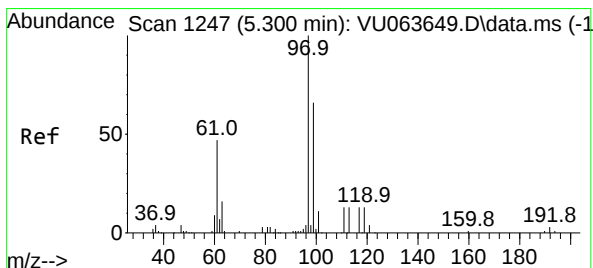
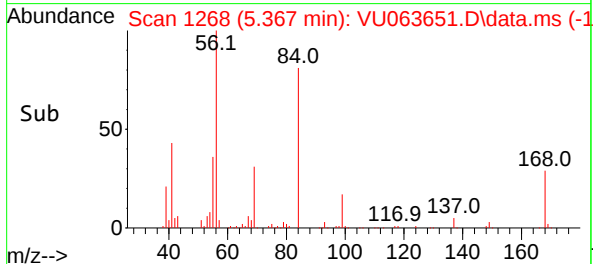
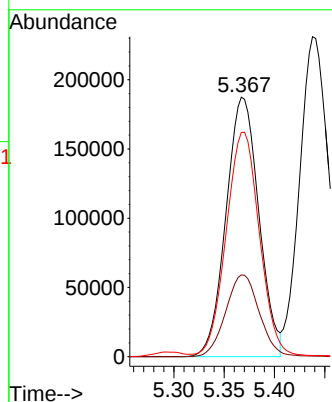
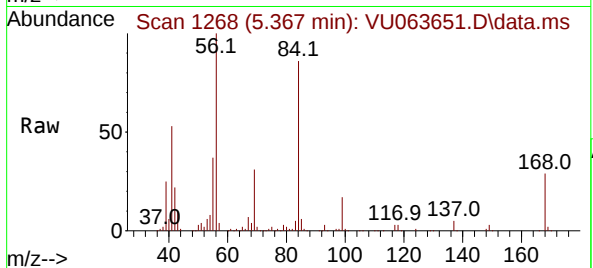




#31
Cyclohexane
Concen: 142.022 ug/l
RT: 5.367 min Scan# 1268
Delta R.T. -0.003 min
Lab File: VU063651.D
Acq: 25 Sep 2025 19:09

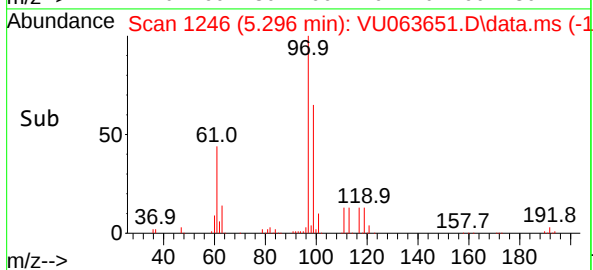
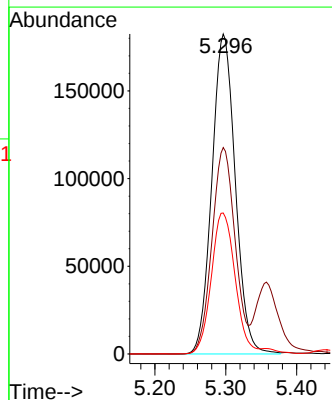
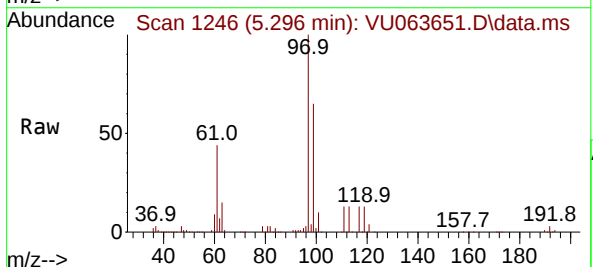
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

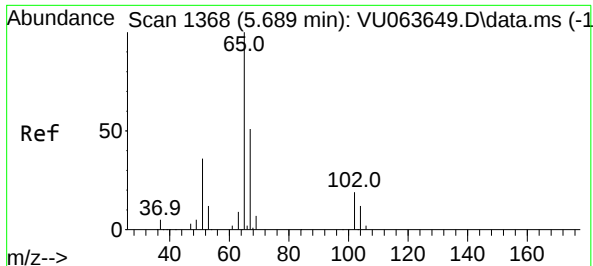
Tgt Ion: 56 Resp: 425844
Ion Ratio Lower Upper
56 100
69 31.5 26.1 39.1
84 84.9 70.7 106.1



#32
1,1,1-Trichloroethane
Concen: 151.408 ug/l
RT: 5.296 min Scan# 1246
Delta R.T. -0.004 min
Lab File: VU063651.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 97 Resp: 419058
Ion Ratio Lower Upper
97 100
99 63.7 49.9 74.9
61 44.8 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 150.139 ug/l

RT: 5.685 min Scan# 11

Delta R.T. -0.004 min

Lab File: VU063651.D

Acq: 25 Sep 2025 19:09

Instrument :

MSVOA_U

ClientSampleId :

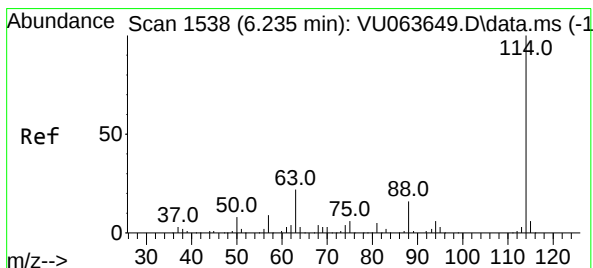
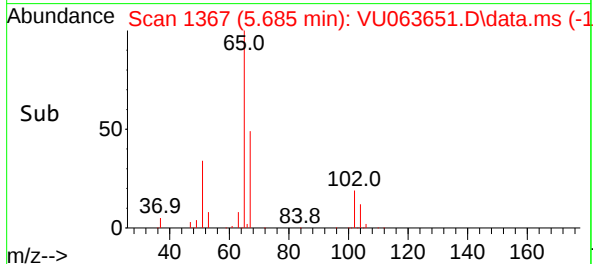
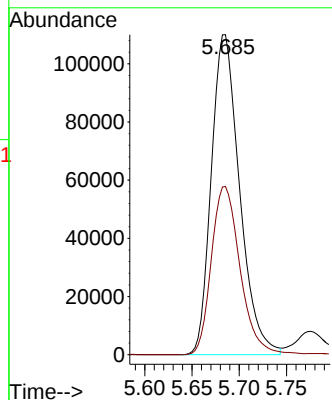
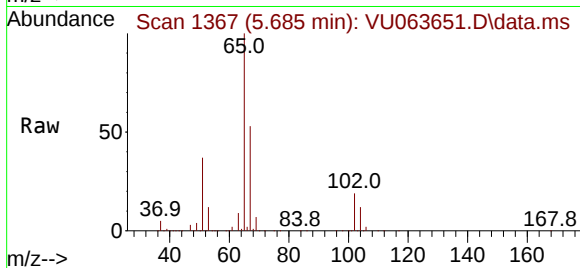
VSTDIC150

Tgt Ion: 65 Resp: 228851

Ion Ratio Lower Upper

65 100

67 53.5 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.235 min Scan# 1538

Delta R.T. 0.000 min

Lab File: VU063651.D

Acq: 25 Sep 2025 19:09

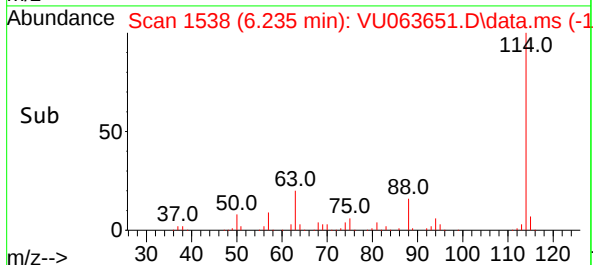
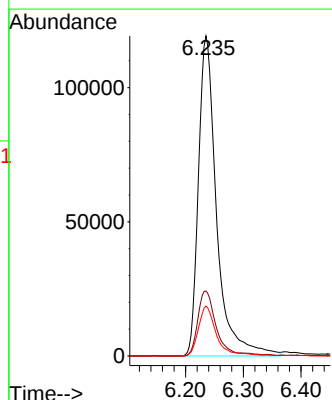
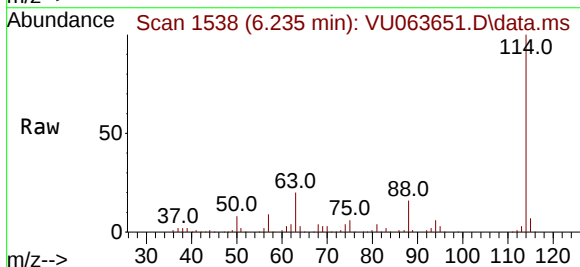
Tgt Ion: 114 Resp: 260835

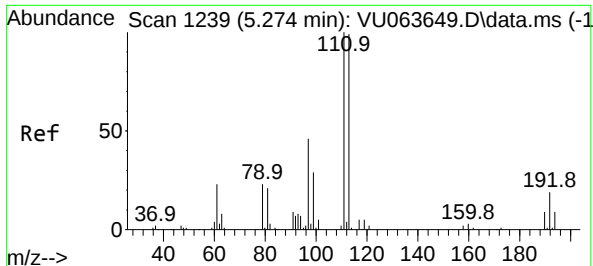
Ion Ratio Lower Upper

114 100

63 20.3 0.0 43.4

88 15.6 0.0 31.0

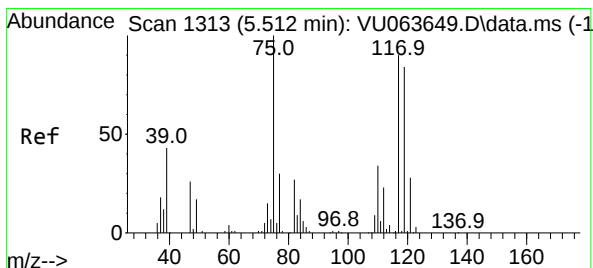
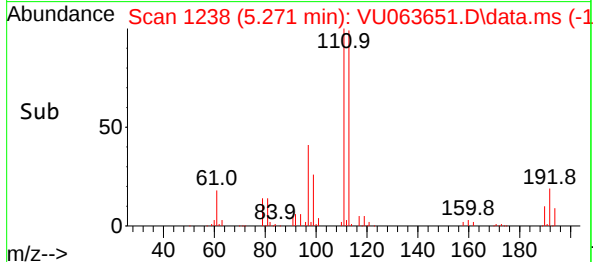
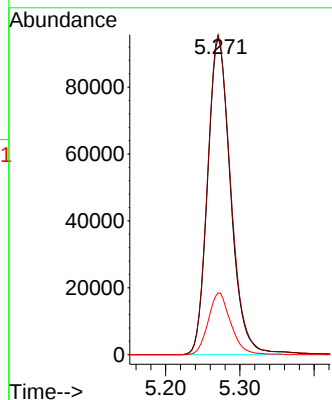
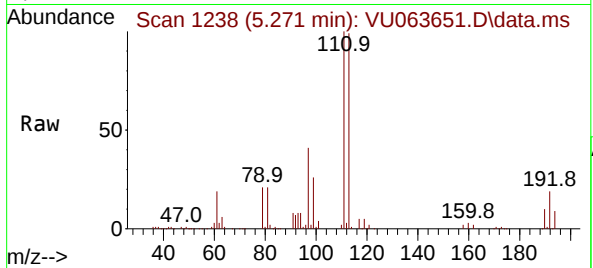




#35
Dibromofluoromethane
Concen: 143.332 ug/l
RT: 5.271 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU063651.D
Acq: 25 Sep 2025 19:09

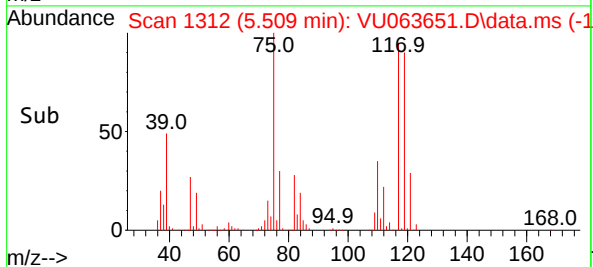
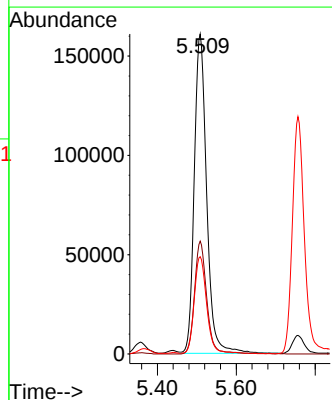
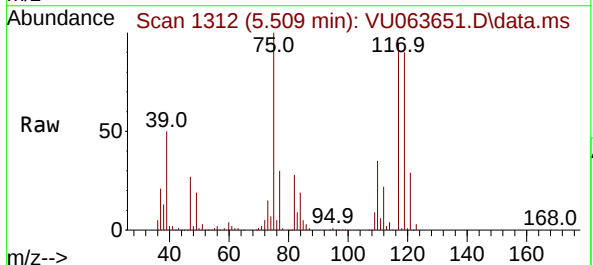
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

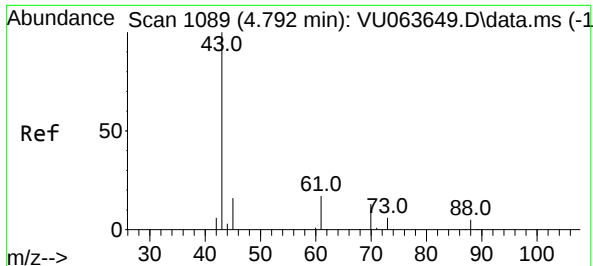
Tgt Ion:113 Resp: 202463
Ion Ratio Lower Upper
113 100
111 101.9 80.3 120.5
192 19.3 14.6 21.8



#36
1,1-Dichloropropene
Concen: 158.196 ug/l
RT: 5.509 min Scan# 1312
Delta R.T. -0.003 min
Lab File: VU063651.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 75 Resp: 350484
Ion Ratio Lower Upper
75 100
110 34.7 17.0 50.9
77 29.7 23.8 35.8

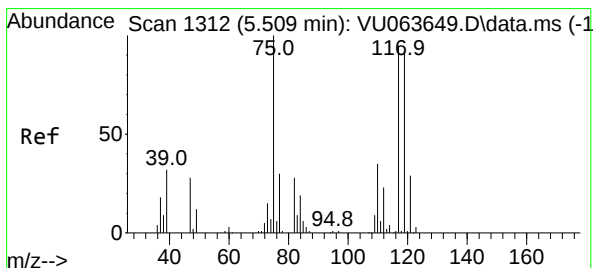
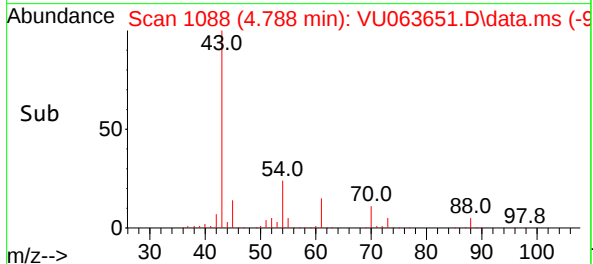
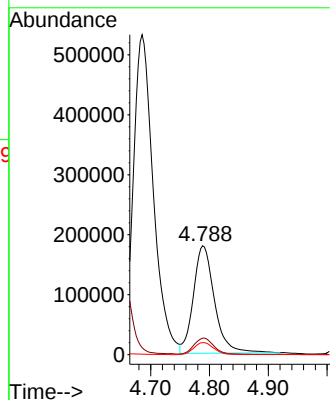
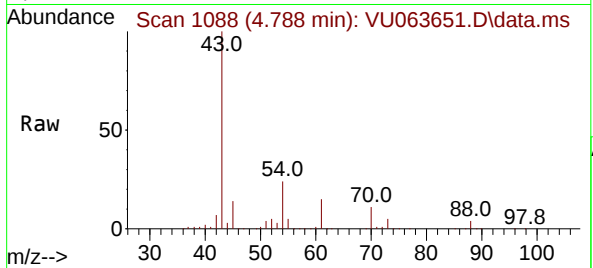




#37
Ethyl Acetate
Concen: 147.694 ug/l
RT: 4.788 min Scan# 1088
Delta R.T. -0.003 min
Lab File: VU063651.D
Acq: 25 Sep 2025 19:09

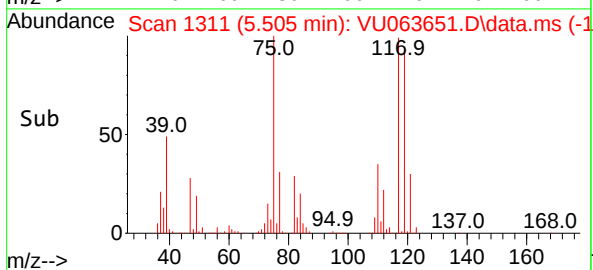
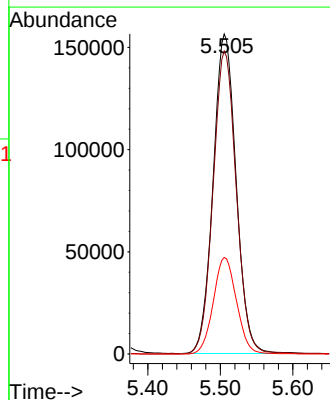
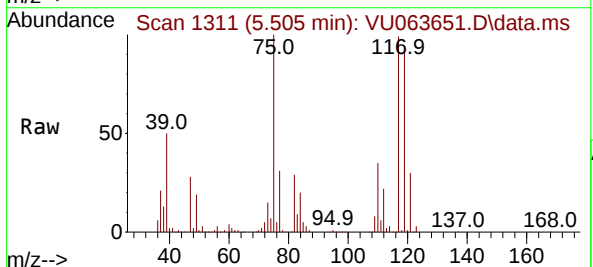
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

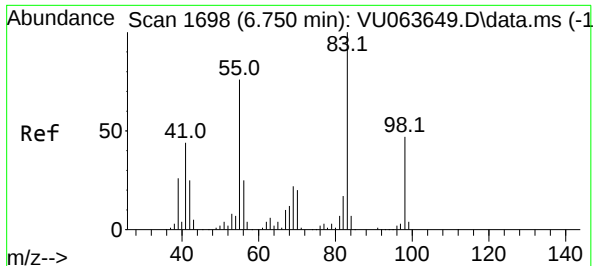
Tgt Ion: 43 Resp: 447252
Ion Ratio Lower Upper
43 100
61 14.3 9.7 14.5
70 10.7 8.0 12.0



#38
Carbon Tetrachloride
Concen: 164.558 ug/l
RT: 5.505 min Scan# 1311
Delta R.T. -0.003 min
Lab File: VU063651.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 117 Resp: 343995
Ion Ratio Lower Upper
117 100
119 94.8 77.0 115.4
121 30.2 24.8 37.2





#39

Methylcyclohexane

Concen: 160.210 ug/l

RT: 6.746 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU063651.D

Acq: 25 Sep 2025 19:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

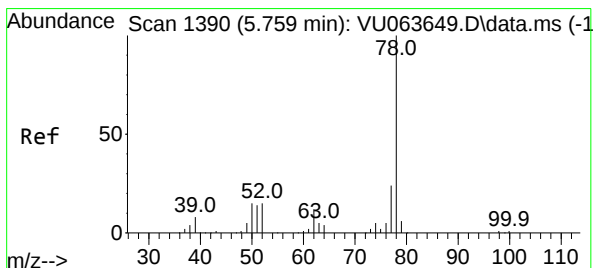
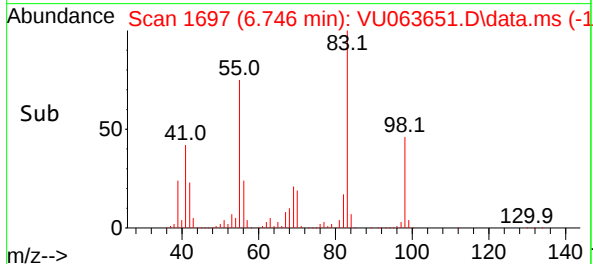
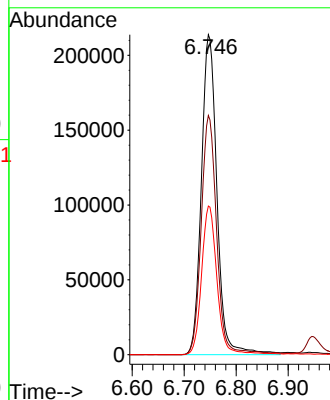
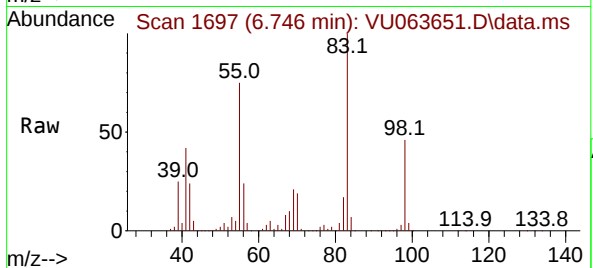
Tgt Ion: 83 Resp: 446293

Ion Ratio Lower Upper

83 100

55 74.8 60.5 90.7

98 46.4 37.5 56.3



#40

Benzene

Concen: 151.332 ug/l

RT: 5.756 min Scan# 1389

Delta R.T. -0.003 min

Lab File: VU063651.D

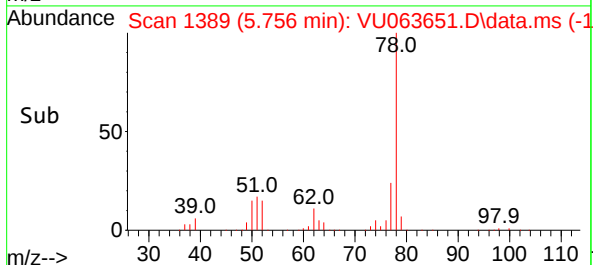
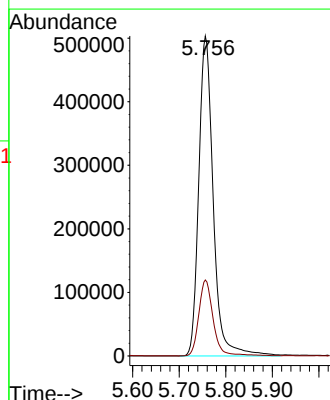
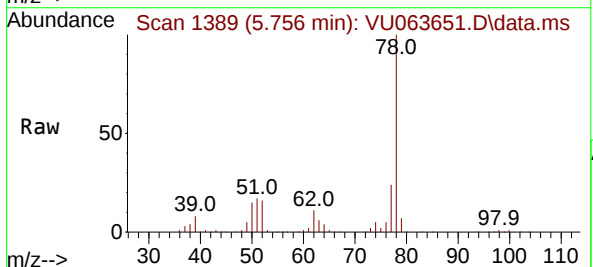
Acq: 25 Sep 2025 19:09

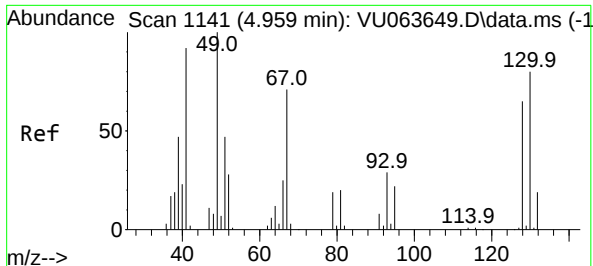
Tgt Ion: 78 Resp: 1088211

Ion Ratio Lower Upper

78 100

77 23.7 19.4 29.2



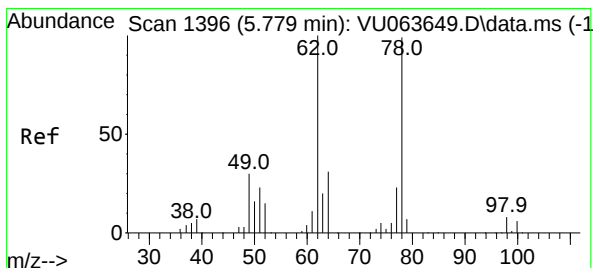
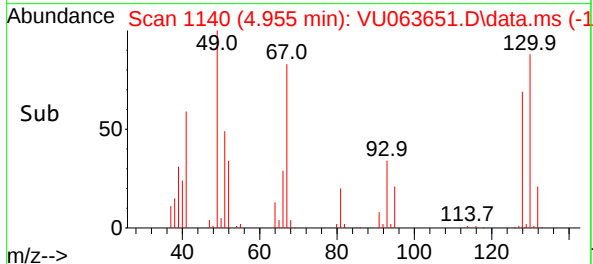
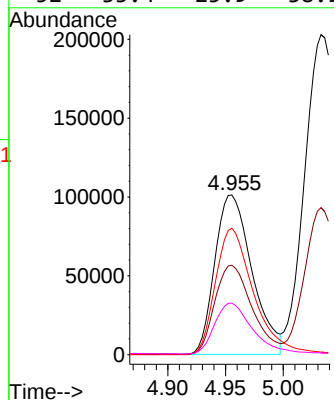
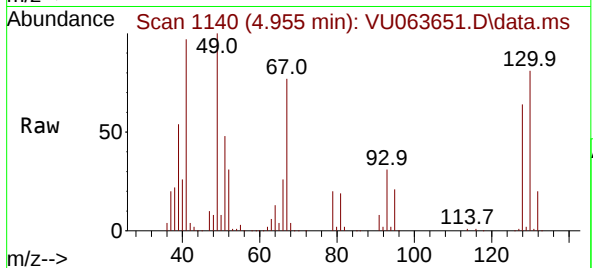


#41
Methacrylonitrile
Concen: 172.941 ug/l
RT: 4.955 min Scan# 1140
Delta R.T. -0.003 min
Lab File: VU063651.D
Acq: 25 Sep 2025 19:09

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Tgt Ion: 41 Resp: 226273

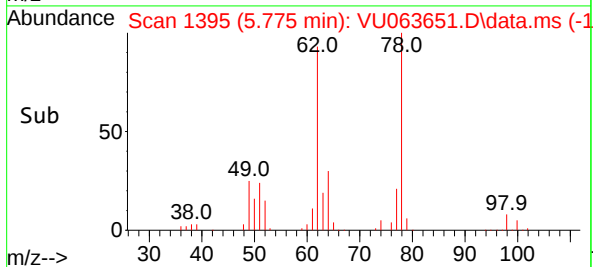
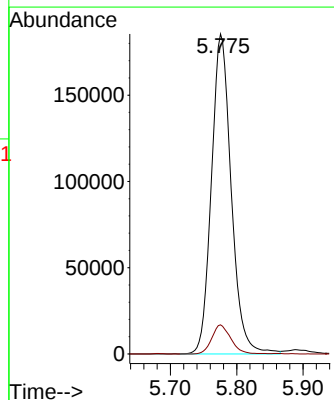
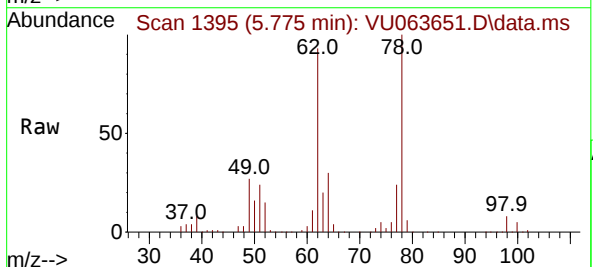
Ion	Ratio	Lower	Upper
41	100		
39	56.0	42.1	63.1
67	82.5	66.3	99.5
52	33.4	25.9	38.9

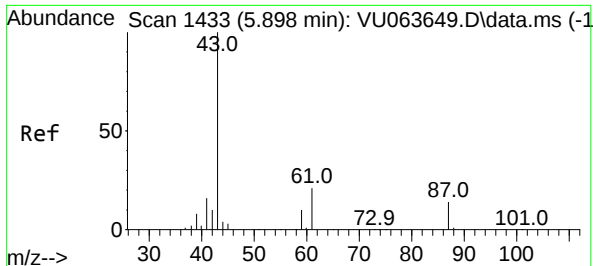


#42
1,2-Dichloroethane
Concen: 146.391 ug/l
RT: 5.775 min Scan# 1395
Delta R.T. -0.003 min
Lab File: VU063651.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 62 Resp: 384681

Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	16.2





#43

Isopropyl Acetate

Concen: 166.319 ug/l

RT: 5.898 min Scan# 1433

Delta R.T. -0.000 min

Lab File: VU063651.D

Acq: 25 Sep 2025 19:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

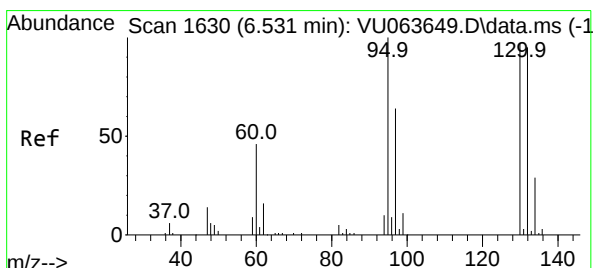
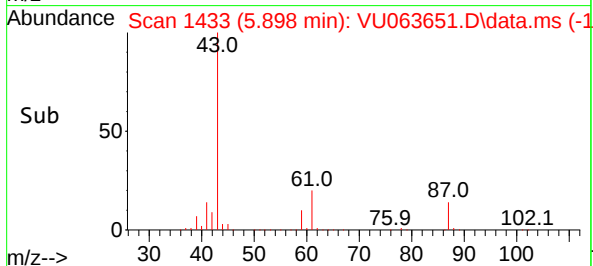
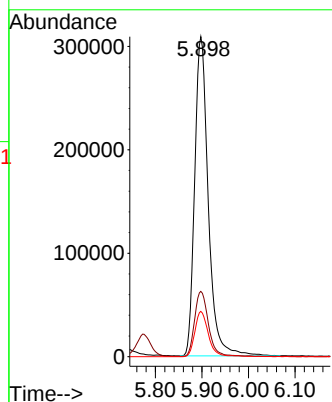
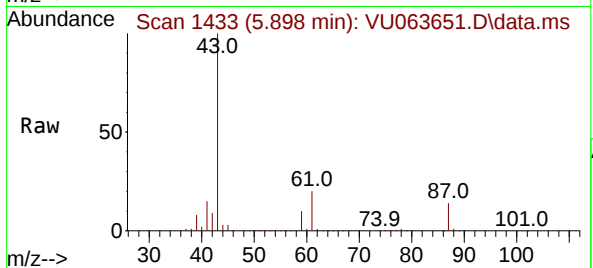
Tgt Ion: 43 Resp: 624806

Ion Ratio Lower Upper

43 100

61 20.7 16.9 25.3

87 14.1 10.8 16.2



#44

Trichloroethene

Concen: 154.278 ug/l

RT: 6.528 min Scan# 1629

Delta R.T. -0.003 min

Lab File: VU063651.D

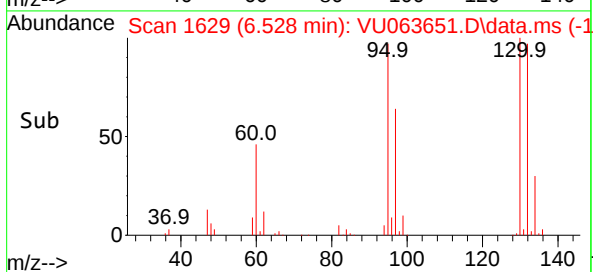
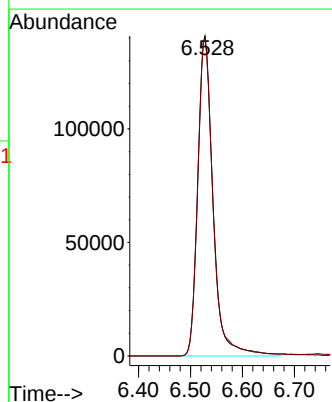
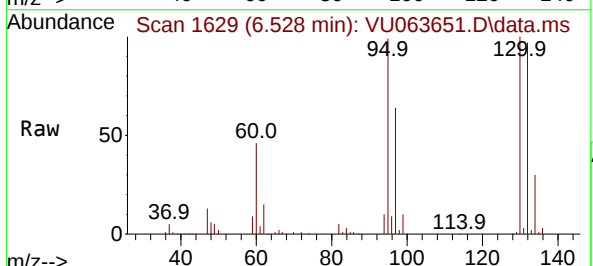
Acq: 25 Sep 2025 19:09

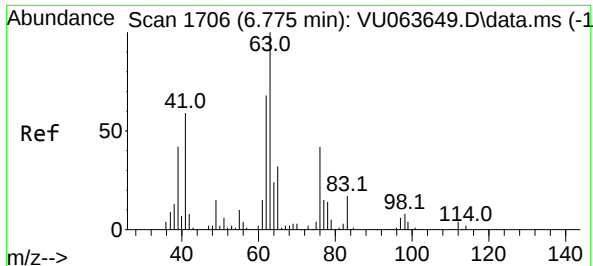
Tgt Ion:130 Resp: 287864

Ion Ratio Lower Upper

130 100

95 99.0 0.0 206.6





#45

1,2-Dichloropropane

Concen: 153.338 ug/l

RT: 6.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063651.D

Acq: 25 Sep 2025 19:09

Instrument :

MSVOA_U

ClientSampleId :

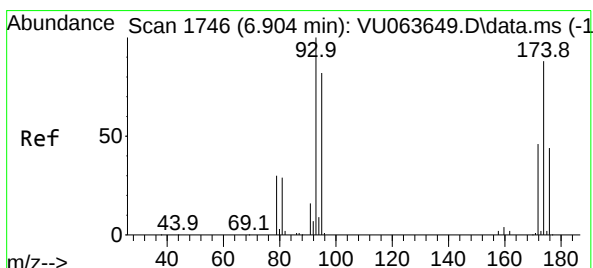
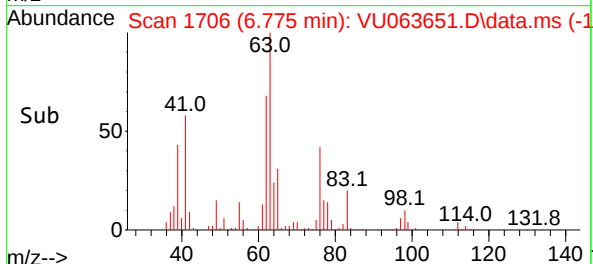
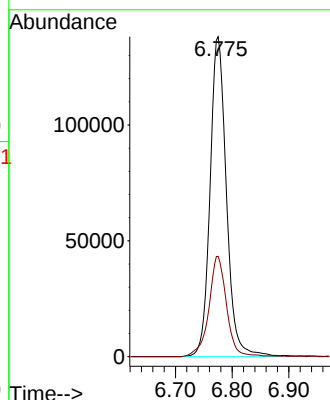
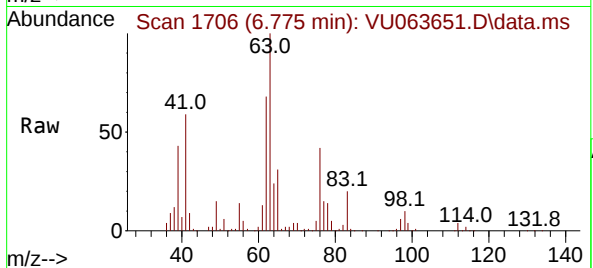
VSTDICC150

Tgt Ion: 63 Resp: 277106

Ion Ratio Lower Upper

63 100

65 31.3 25.3 37.9



#46

Dibromomethane

Concen: 152.096 ug/l

RT: 6.904 min Scan# 1746

Delta R.T. -0.000 min

Lab File: VU063651.D

Acq: 25 Sep 2025 19:09

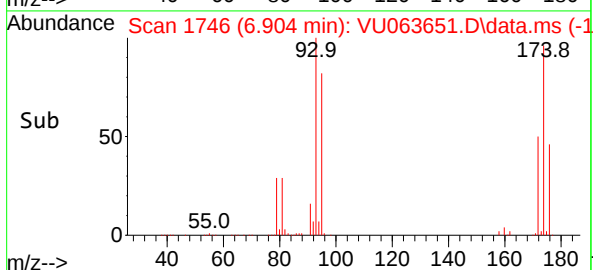
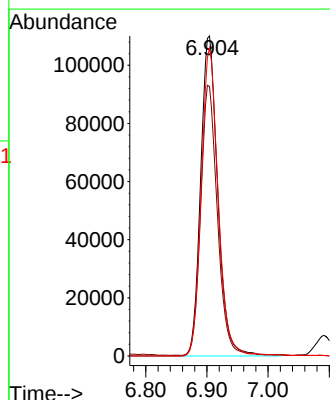
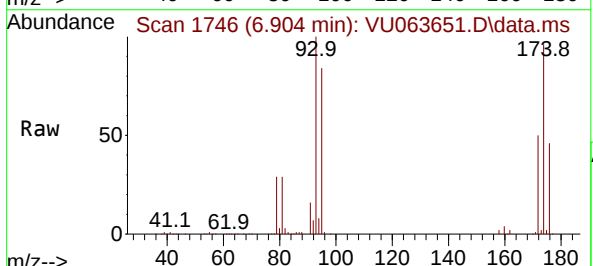
Tgt Ion: 93 Resp: 213274

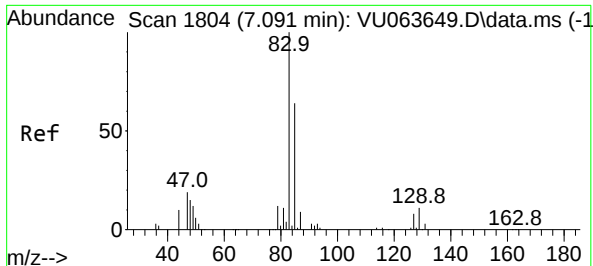
Ion Ratio Lower Upper

93 100

95 82.4 65.6 98.4

174 95.5 72.3 108.5





#47

Bromodichloromethane

Concen: 166.548 ug/l

RT: 7.090 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU063651.D

Acq: 25 Sep 2025 19:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

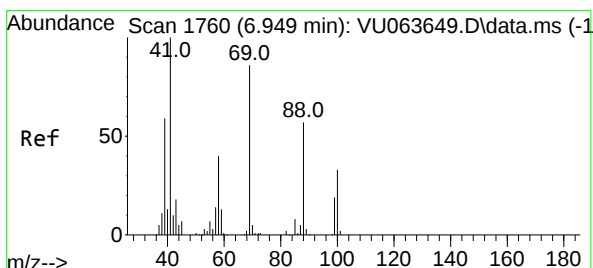
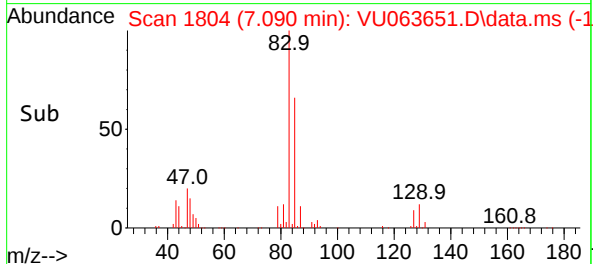
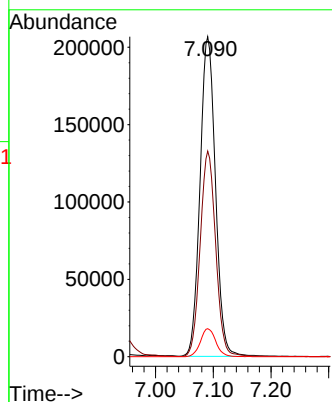
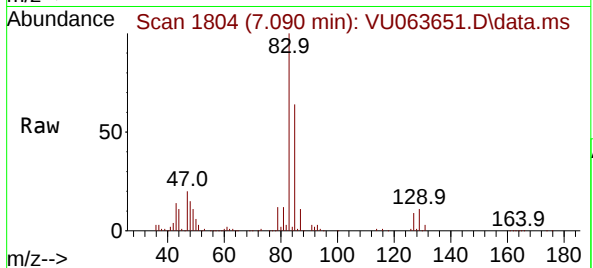
Tgt Ion: 83 Resp: 382706

Ion Ratio Lower Upper

83 100

85 64.2 50.9 76.3

127 8.8 6.6 10.0



#48

Methyl methacrylate

Concen: 157.838 ug/l

RT: 6.949 min Scan# 1760

Delta R.T. -0.000 min

Lab File: VU063651.D

Acq: 25 Sep 2025 19:09

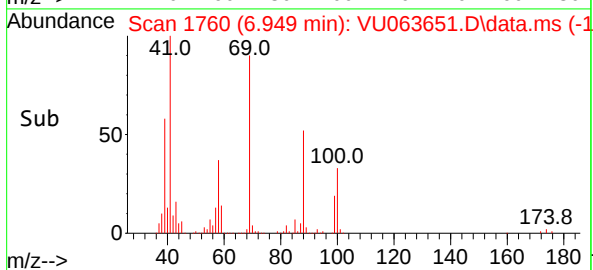
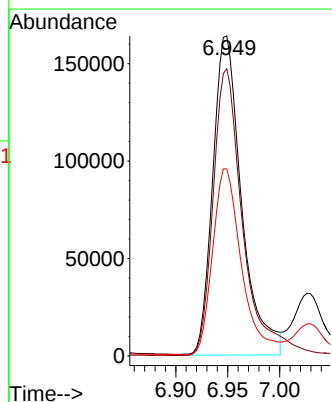
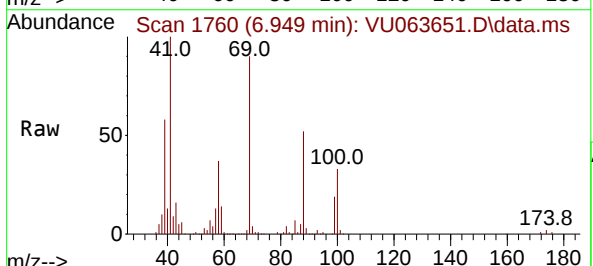
Tgt Ion: 41 Resp: 317088

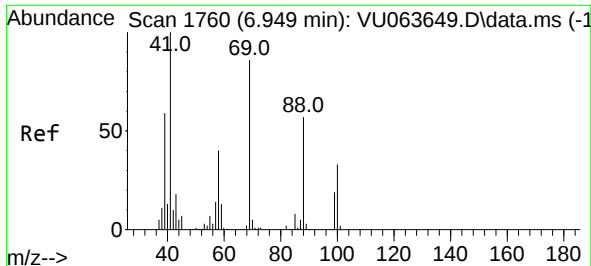
Ion Ratio Lower Upper

41 100

69 93.2 73.5 110.3

39 58.2 47.8 71.6





#49

1,4-Dioxane

Concen: 3127.942 ug/l

RT: 6.949 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063651.D

Acq: 25 Sep 2025 19:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

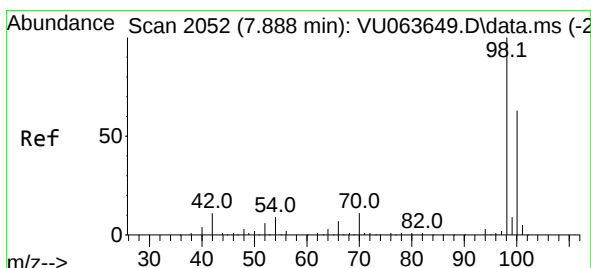
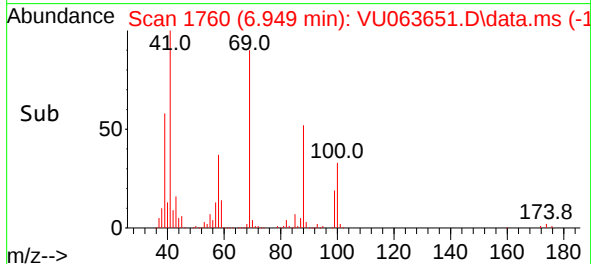
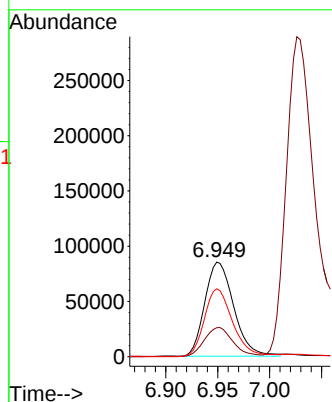
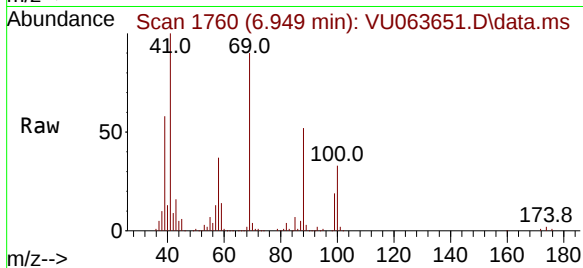
Tgt Ion: 88 Resp: 165511

Ion Ratio Lower Upper

88 100

43 29.9 24.6 37.0

58 70.7 54.4 81.6



#50

Toluene-d8

Concen: 139.038 ug/l

RT: 7.885 min Scan# 2051

Delta R.T. -0.003 min

Lab File: VU063651.D

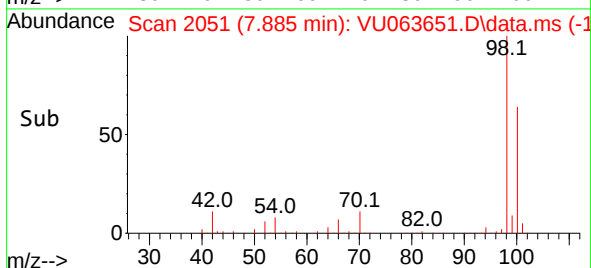
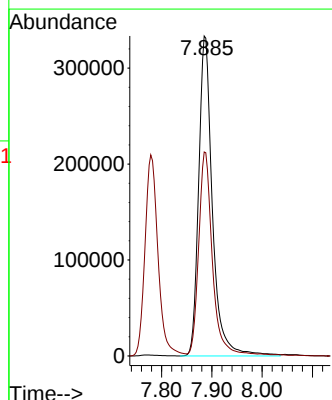
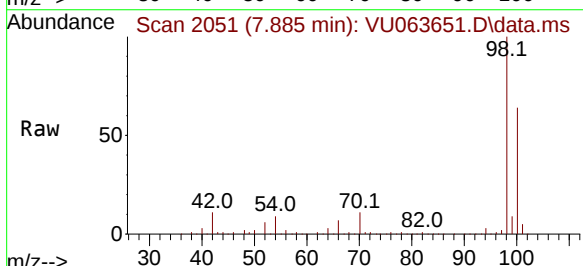
Acq: 25 Sep 2025 19:09

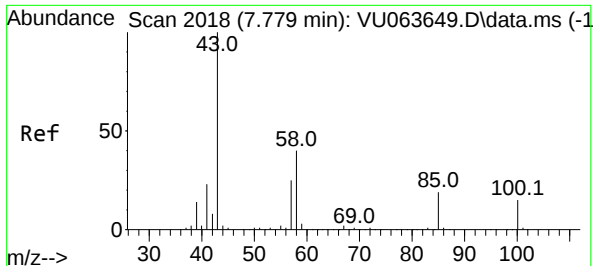
Tgt Ion: 98 Resp: 635604

Ion Ratio Lower Upper

98 100

100 61.7 49.6 74.4

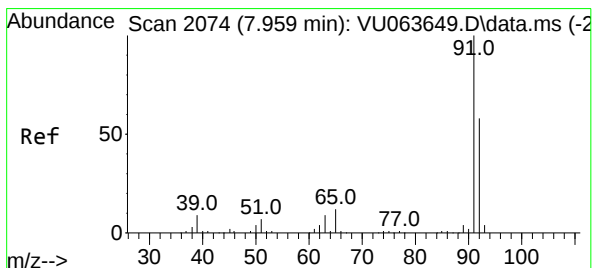
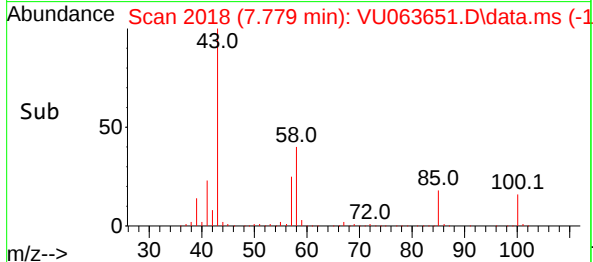
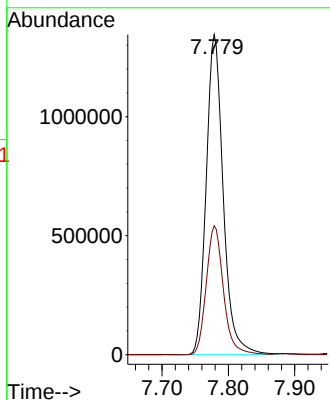
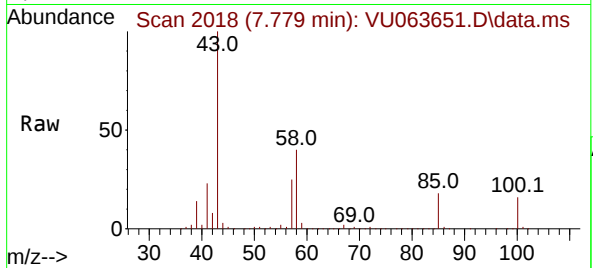




#51
4-Methyl-2-Pentanone
Concen: 808.698 ug/l
RT: 7.779 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VU063651.D
Acq: 25 Sep 2025 19:09

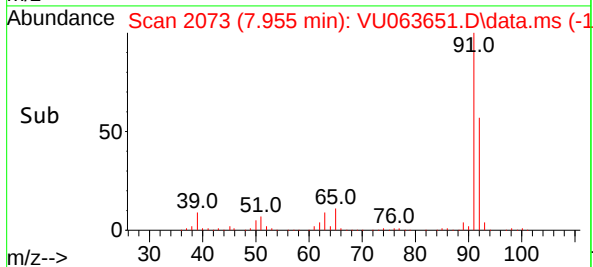
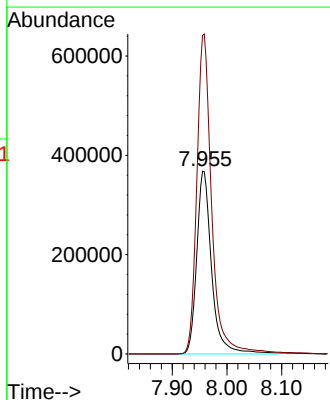
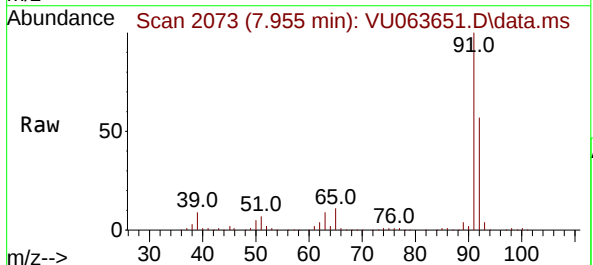
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC150

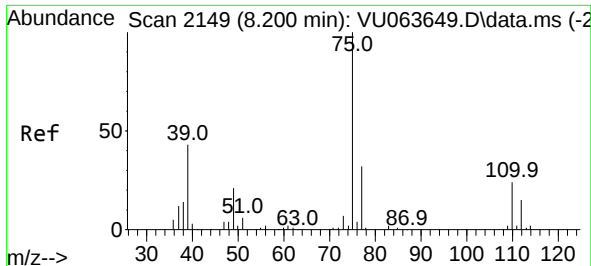
Tgt Ion: 43 Resp: 2399752
Ion Ratio Lower Upper
43 100
58 40.7 32.6 48.8



#52
Toluene
Concen: 159.375 ug/l
RT: 7.955 min Scan# 2073
Delta R.T. -0.004 min
Lab File: VU063651.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 92 Resp: 696104
Ion Ratio Lower Upper
92 100
91 175.7 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 193.603 ug/l

RT: 8.197 min Scan# 2149

Delta R.T. -0.003 min

Lab File: VU063651.D

Acq: 25 Sep 2025 19:09

Instrument :

MSVOA_U

ClientSampleId :

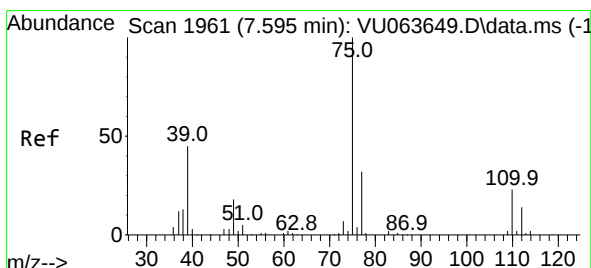
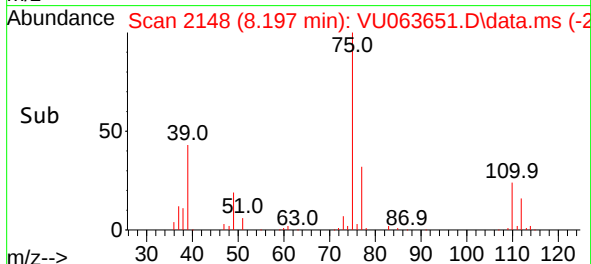
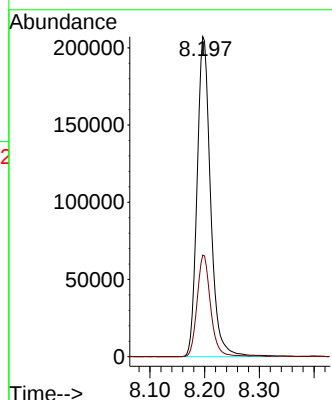
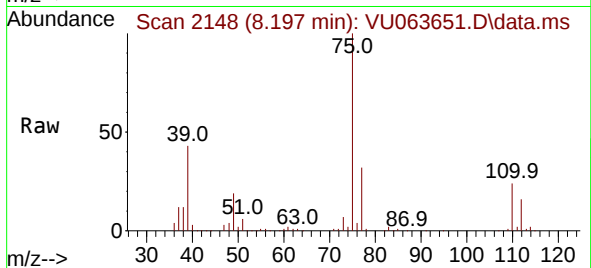
VSTDIC150

Tgt Ion: 75 Resp: 354768

Ion Ratio Lower Upper

75 100

77 31.7 25.8 38.8



#54

cis-1,3-Dichloropropene

Concen: 187.569 ug/l

RT: 7.592 min Scan# 1960

Delta R.T. -0.003 min

Lab File: VU063651.D

Acq: 25 Sep 2025 19:09

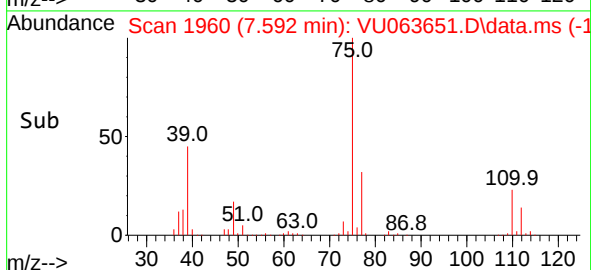
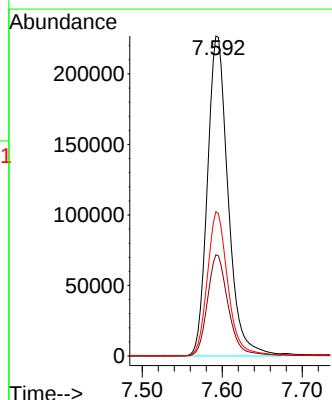
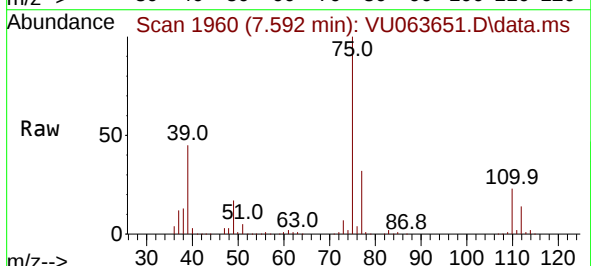
Tgt Ion: 75 Resp: 407717

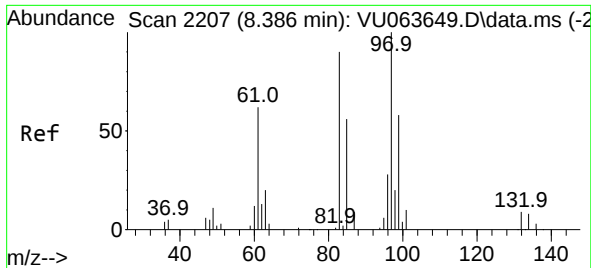
Ion Ratio Lower Upper

75 100

77 31.6 25.7 38.5

39 44.9 35.8 53.8

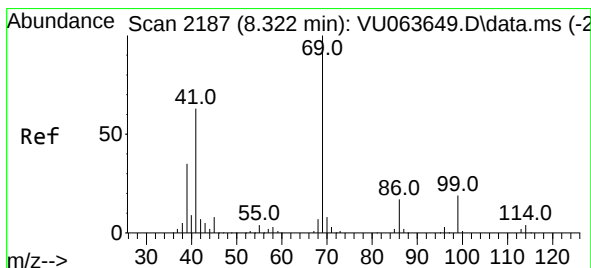
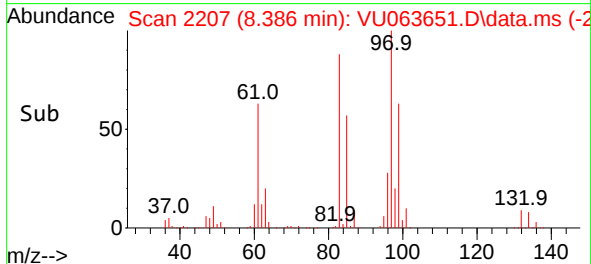
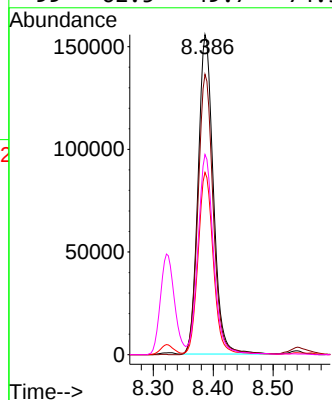
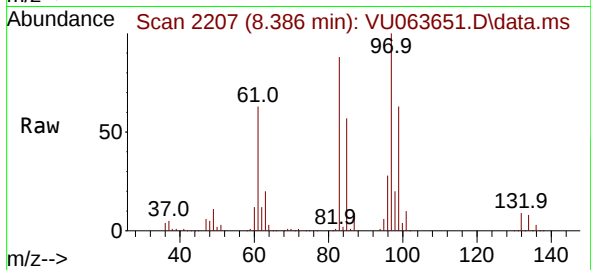




#55
1,1,2-Trichloroethane
Concen: 153.105 ug/l
RT: 8.386 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VU063651.D
Acq: 25 Sep 2025 19:09

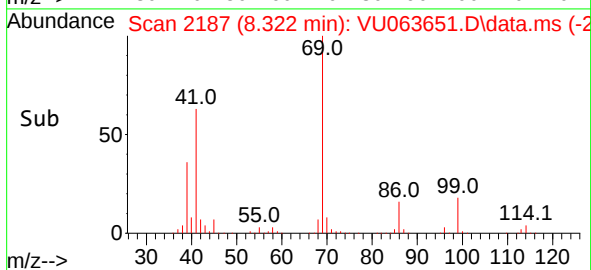
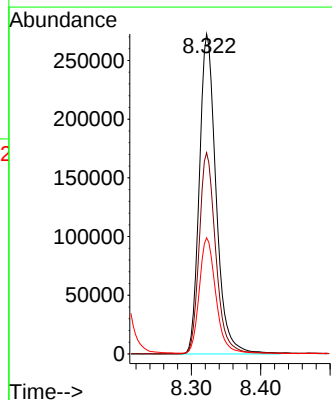
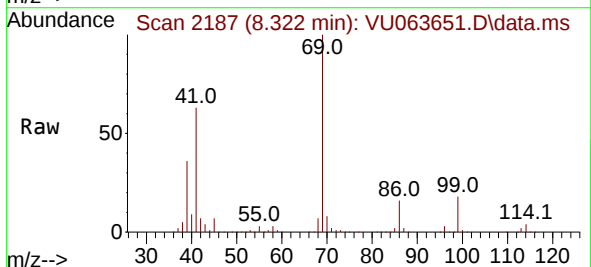
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

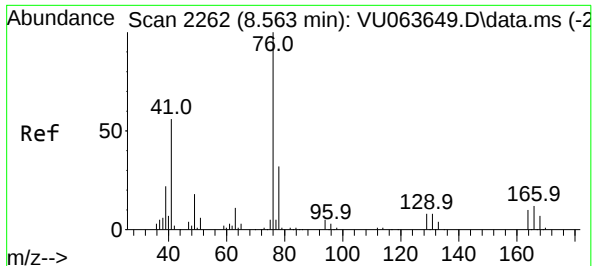
Tgt Ion:	97	Resp:	275213
Ion	Ratio	Lower	Upper
97	100		
83	87.8	72.1	108.1
85	56.9	44.8	67.2
99	62.5	49.7	74.5



#56
Ethyl methacrylate
Concen: 149.983 ug/l
RT: 8.322 min Scan# 2187
Delta R.T. -0.000 min
Lab File: VU063651.D
Acq: 25 Sep 2025 19:09

Tgt Ion:	69	Resp:	457881
Ion	Ratio	Lower	Upper
69	100		
41	62.1	50.6	75.8
39	35.7	29.2	43.8

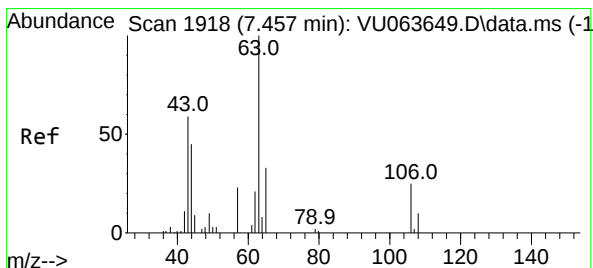
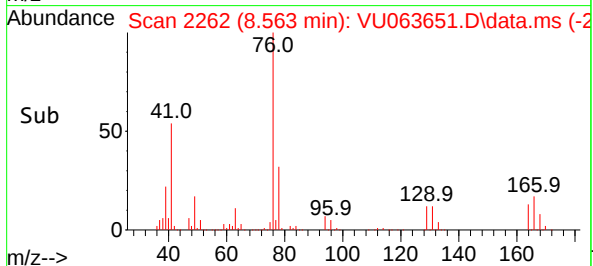
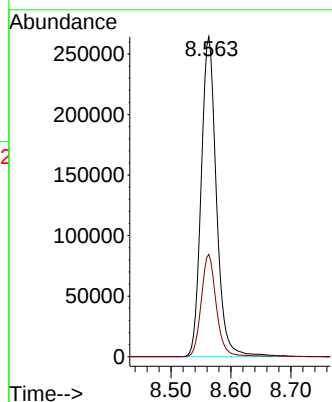
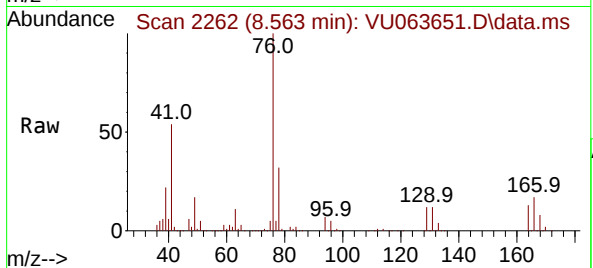




#57
1,3-Dichloropropane
Concen: 154.231 ug/l
RT: 8.563 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063651.D
Acq: 25 Sep 2025 19:09

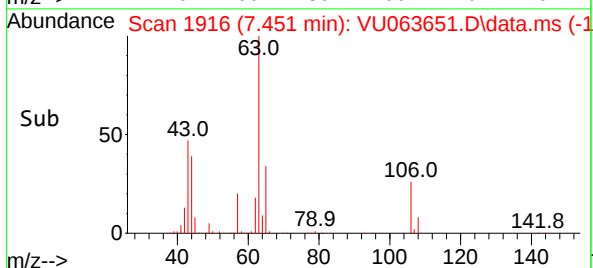
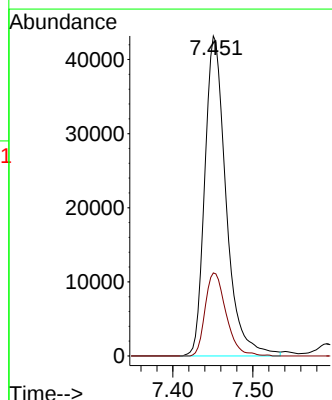
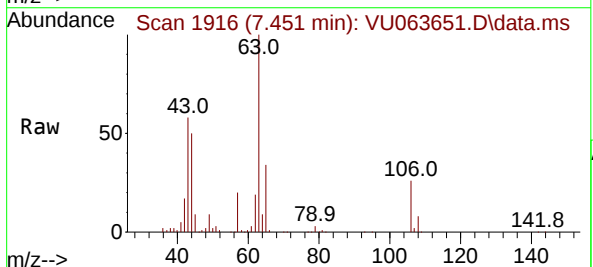
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

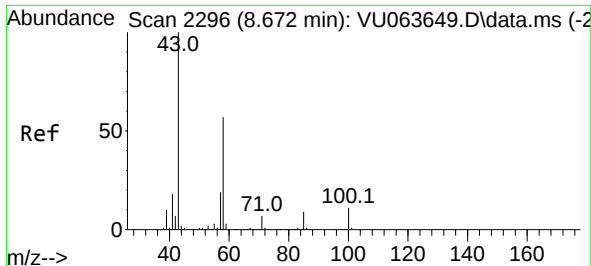
Tgt Ion: 76 Resp: 468092
Ion Ratio Lower Upper
76 100
78 31.6 25.8 38.8



#58
2-Chloroethyl Vinyl ether
Concen: 750.507 ug/l
RT: 7.451 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VU063651.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 63 Resp: 80138
Ion Ratio Lower Upper
63 100
106 25.4 18.6 27.8

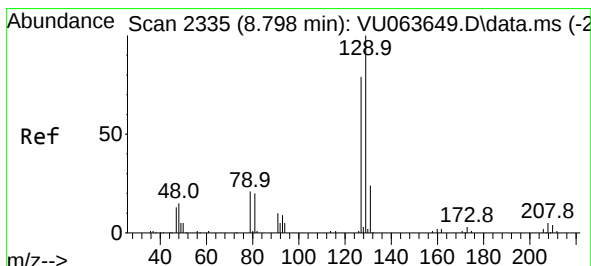
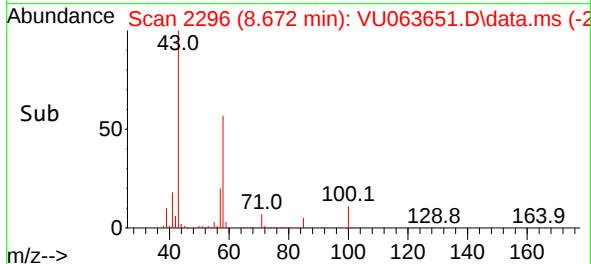
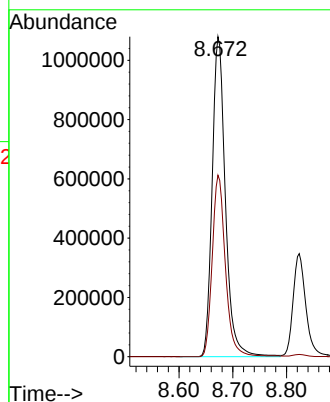
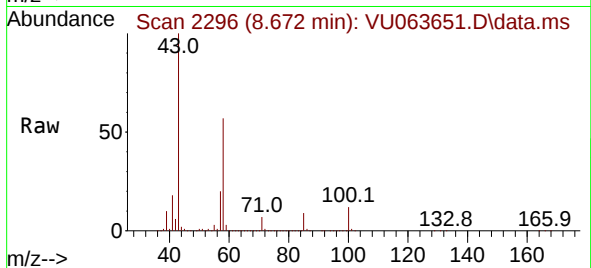




#59
2-Hexanone
Concen: 844.888 ug/l
RT: 8.672 min Scan# 2296
Delta R.T. -0.000 min
Lab File: VU063651.D
Acq: 25 Sep 2025 19:09

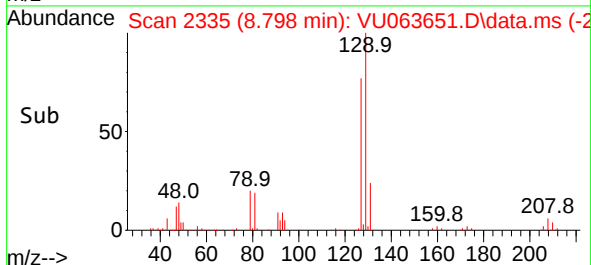
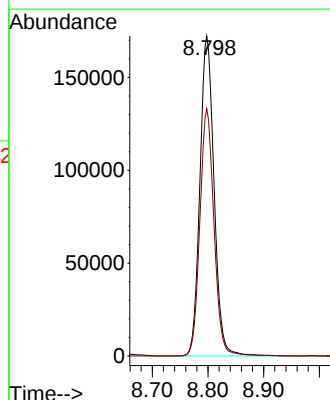
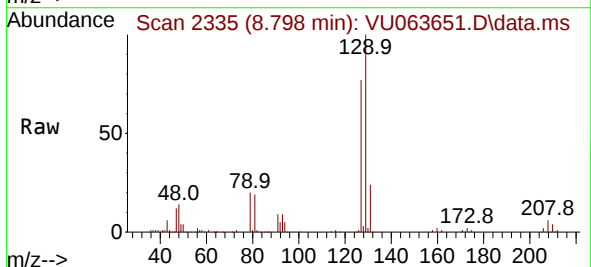
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

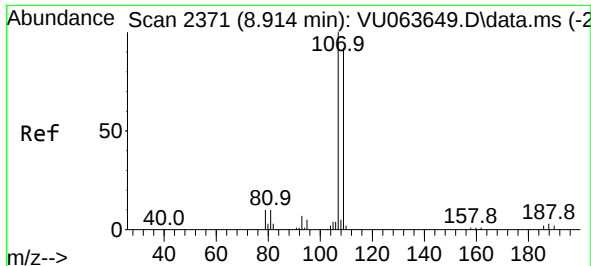
Tgt Ion: 43 Resp: 1838676
Ion Ratio Lower Upper
43 100
58 56.9 28.3 85.0



#60
Dibromochloromethane
Concen: 185.649 ug/l
RT: 8.798 min Scan# 2335
Delta R.T. -0.000 min
Lab File: VU063651.D
Acq: 25 Sep 2025 19:09

Tgt Ion:129 Resp: 304053
Ion Ratio Lower Upper
129 100
127 77.1 39.1 117.2

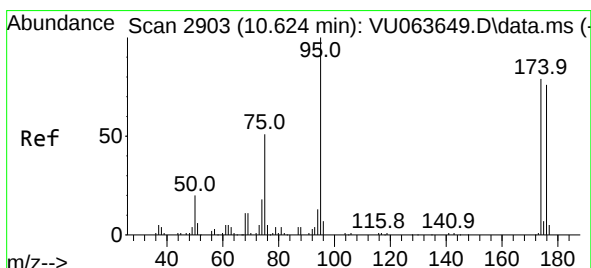
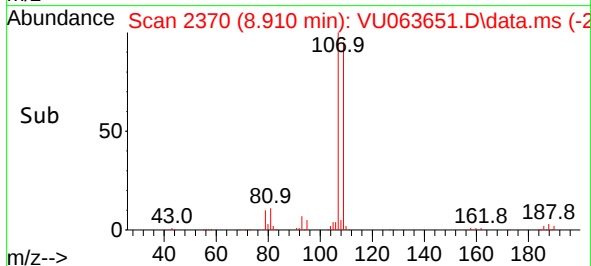
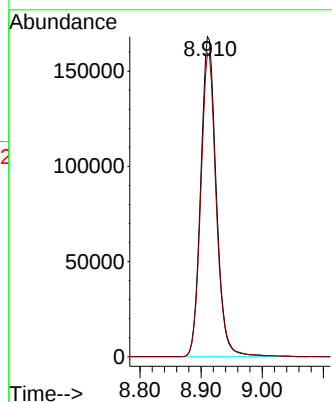
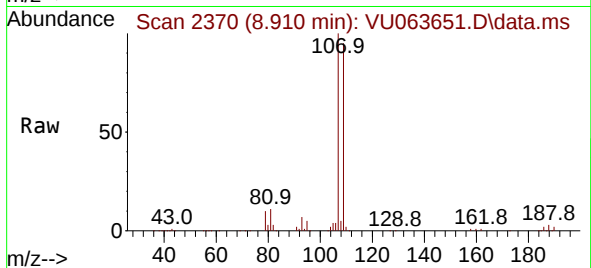




#61
1,2-Dibromoethane
Concen: 164.530 ug/l
RT: 8.910 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU063651.D
Acq: 25 Sep 2025 19:09

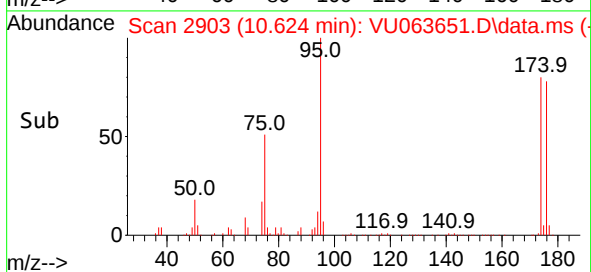
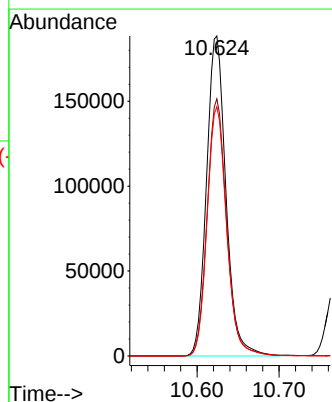
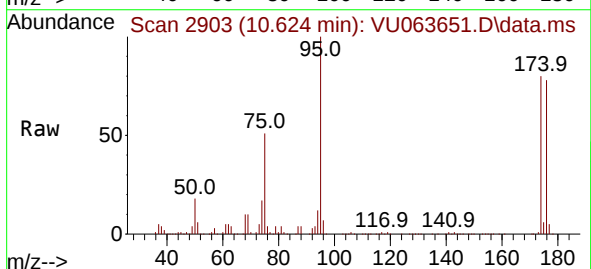
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

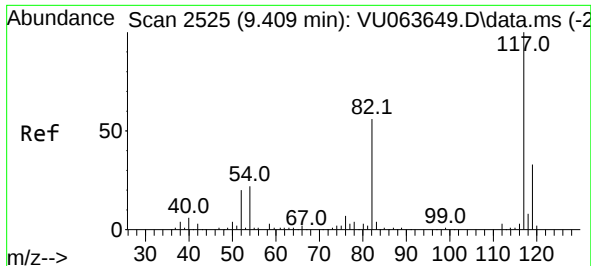
Tgt Ion:107 Resp: 297408
Ion Ratio Lower Upper
107 100
109 94.0 75.5 113.3



#62
4-Bromofluorobenzene
Concen: 151.014 ug/l
RT: 10.624 min Scan# 2903
Delta R.T. -0.000 min
Lab File: VU063651.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 95 Resp: 309581
Ion Ratio Lower Upper
95 100
174 80.6 0.0 154.2
176 78.2 0.0 150.8

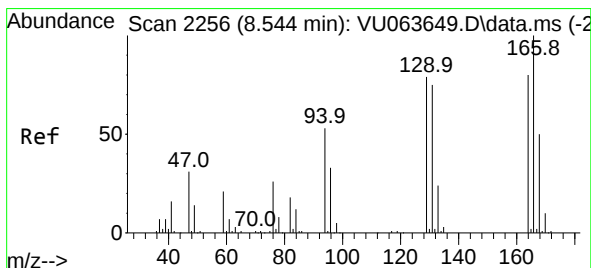
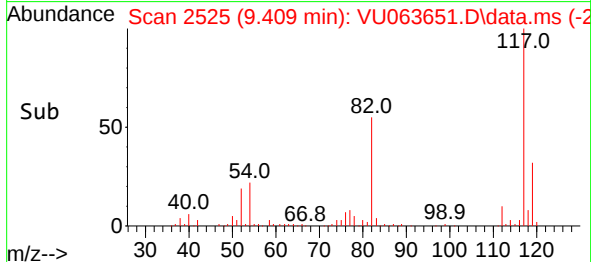
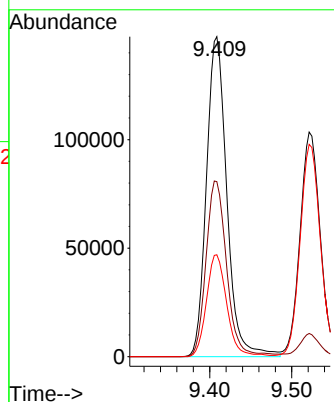
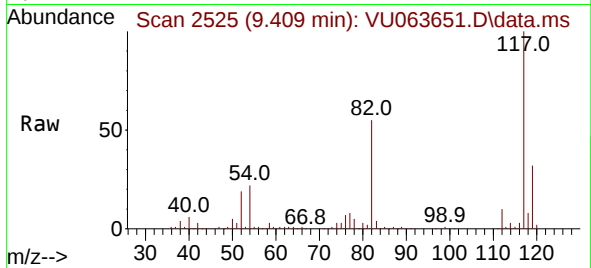




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.409 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063651.D
Acq: 25 Sep 2025 19:09

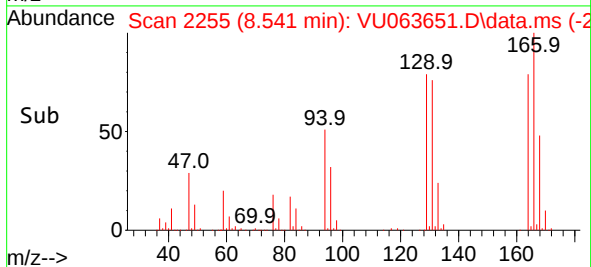
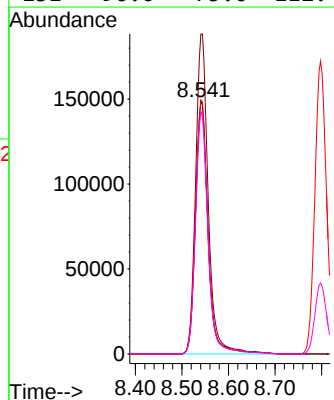
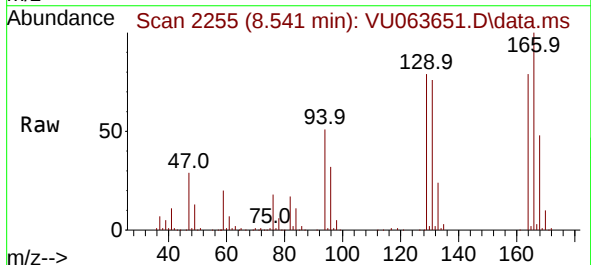
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

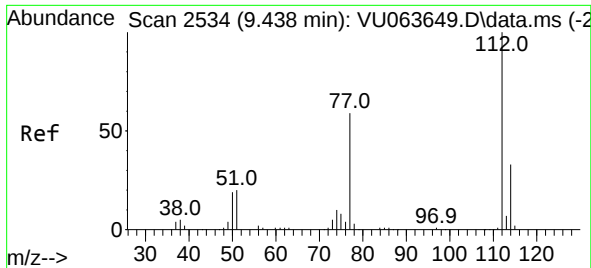
Tgt Ion:117 Resp: 254880
Ion Ratio Lower Upper
117 100
82 54.7 44.8 67.2
119 31.8 26.0 39.0



#64
Tetrachloroethene
Concen: 148.694 ug/l
RT: 8.541 min Scan# 2255
Delta R.T. -0.003 min
Lab File: VU063651.D
Acq: 25 Sep 2025 19:09

Tgt Ion:164 Resp: 279698
Ion Ratio Lower Upper
164 100
166 126.7 99.6 149.4
129 100.6 78.3 117.5
131 96.0 75.0 112.4

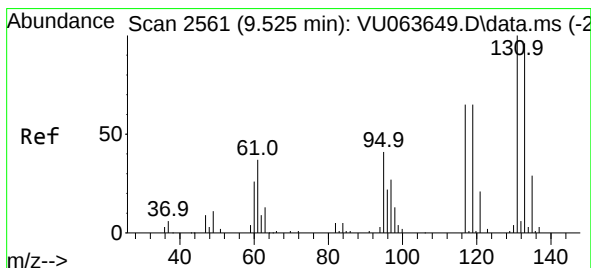
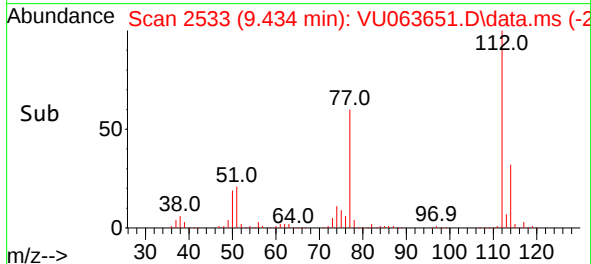
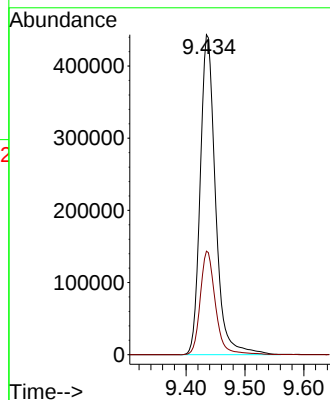
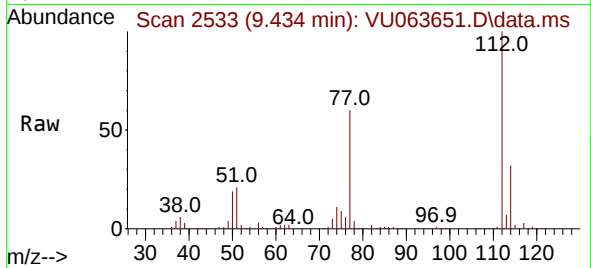




#65
Chlorobenzene
Concen: 153.138 ug/l
RT: 9.434 min Scan# 2534
Delta R.T. -0.003 min
Lab File: VU063651.D
Acq: 25 Sep 2025 19:09

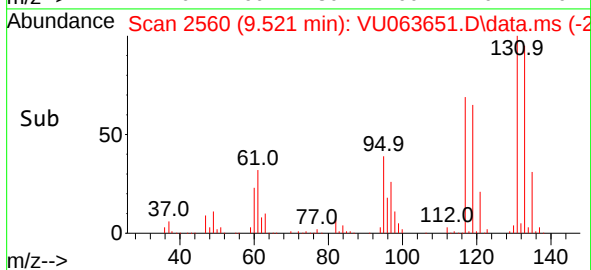
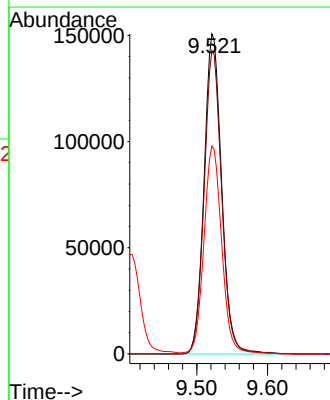
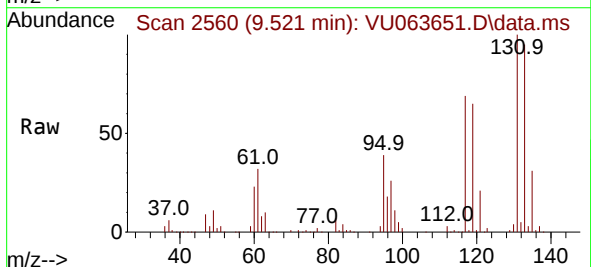
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

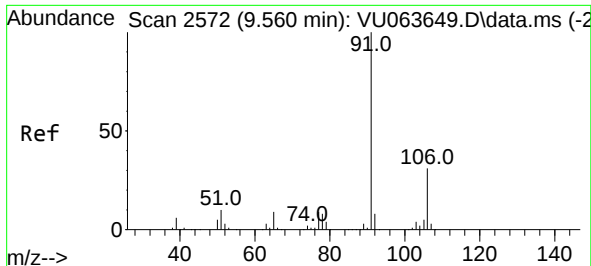
Tgt Ion:112 Resp: 801901
Ion Ratio Lower Upper
112 100
114 32.3 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 171.546 ug/l
RT: 9.521 min Scan# 2560
Delta R.T. -0.003 min
Lab File: VU063651.D
Acq: 25 Sep 2025 19:09

Tgt Ion:131 Resp: 259168
Ion Ratio Lower Upper
131 100
133 94.8 48.4 145.3
119 65.9 33.2 99.6





#67

Ethyl Benzene

Concen: 157.064 ug/l

RT: 9.560 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU063651.D

Acq: 25 Sep 2025 19:09

Instrument :

MSVOA_U

ClientSampleId :

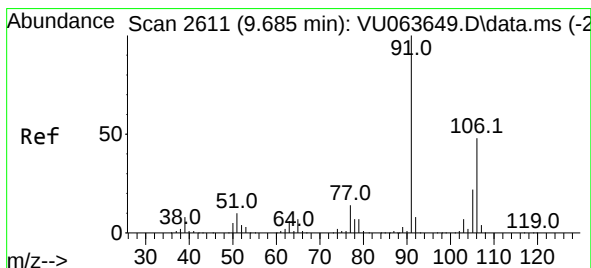
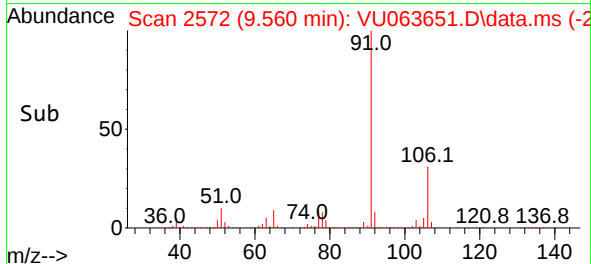
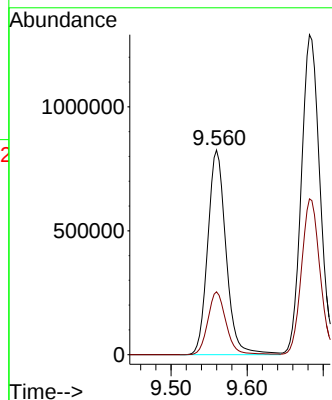
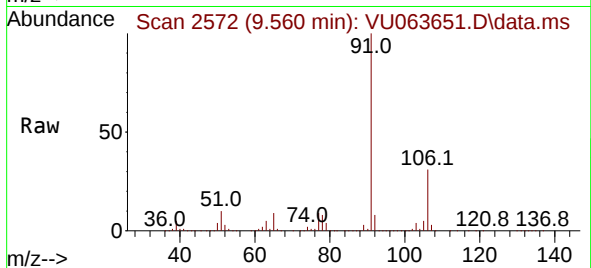
VSTDIC150

Tgt Ion: 91 Resp: 1380804

Ion Ratio Lower Upper

91 100

106 30.7 24.8 37.2



#68

m/p-Xylenes

Concen: 328.742 ug/l

RT: 9.682 min Scan# 2610

Delta R.T. -0.003 min

Lab File: VU063651.D

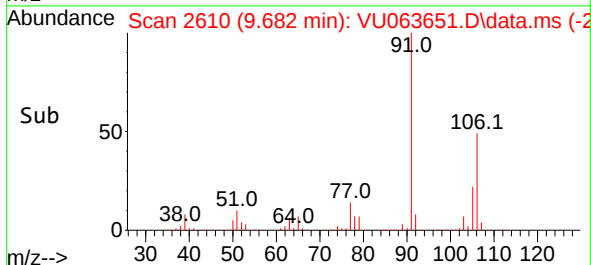
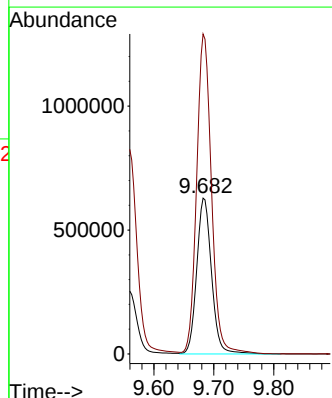
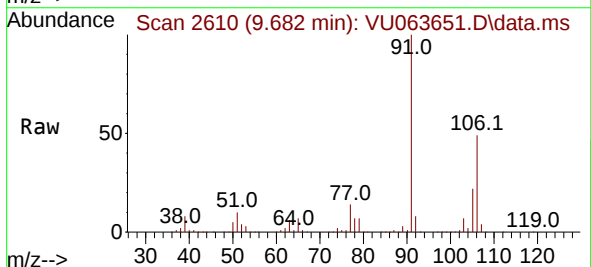
Acq: 25 Sep 2025 19:09

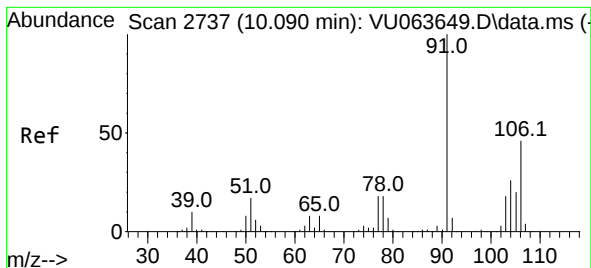
Tgt Ion: 106 Resp: 1078786

Ion Ratio Lower Upper

106 100

91 205.7 166.6 249.8





#69

o-Xylene

Concen: 166.344 ug/l

RT: 10.090 min Scan# 2737

Delta R.T. -0.000 min

Lab File: VU063651.D

Acq: 25 Sep 2025 19:09

Instrument :

MSVOA_U

ClientSampleId :

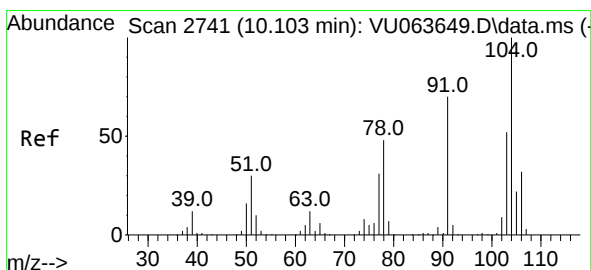
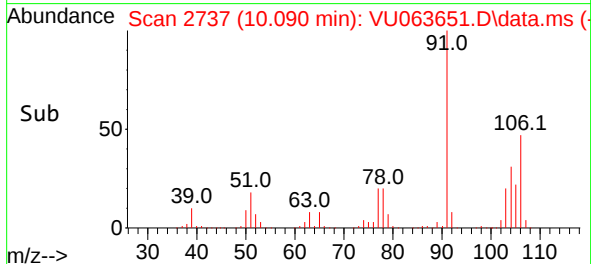
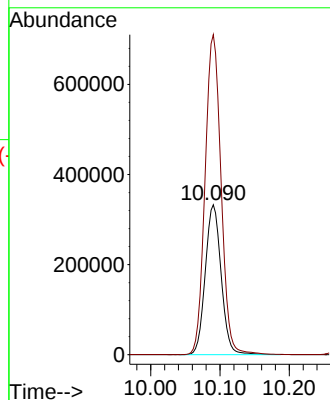
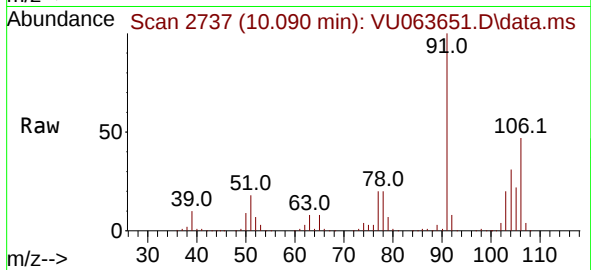
VSTDICC150

Tgt Ion:106 Resp: 528527

Ion Ratio Lower Upper

106 100

91 215.1 111.1 333.3



#70

Styrene

Concen: 170.390 ug/l

RT: 10.103 min Scan# 2741

Delta R.T. -0.000 min

Lab File: VU063651.D

Acq: 25 Sep 2025 19:09

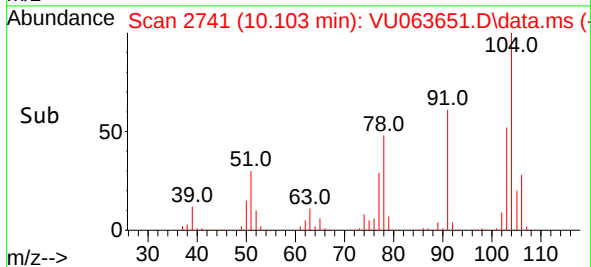
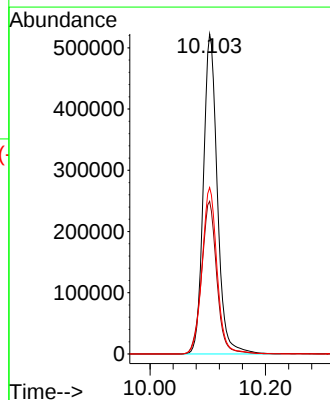
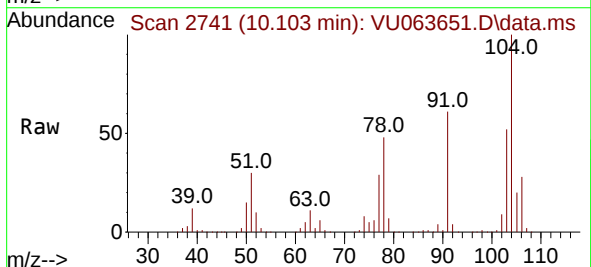
Tgt Ion:104 Resp: 878088

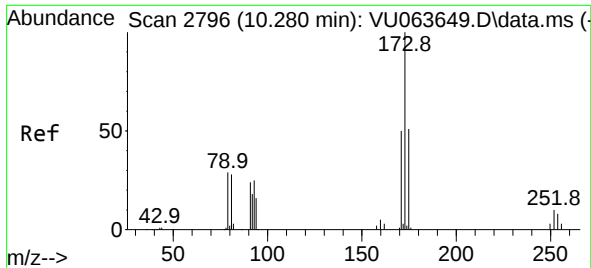
Ion Ratio Lower Upper

104 100

78 51.8 42.2 63.4

103 56.0 44.9 67.3

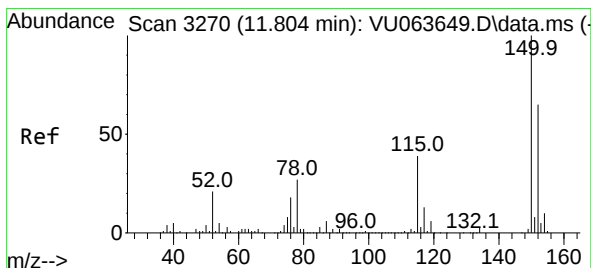
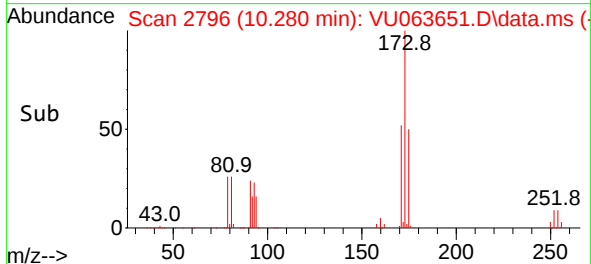
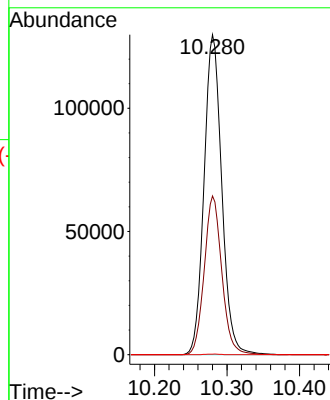
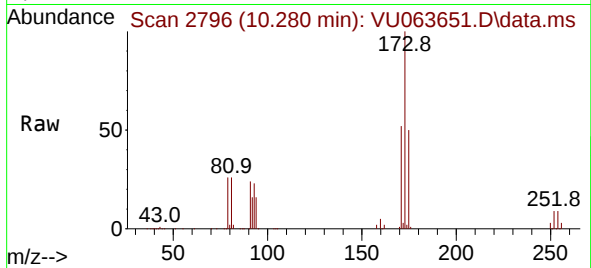




#71
Bromoform
Concen: 154.794 ug/l
RT: 10.280 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063651.D
Acq: 25 Sep 2025 19:09

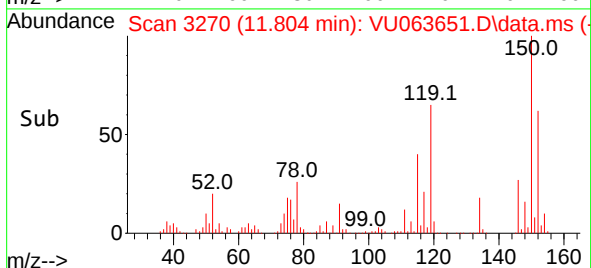
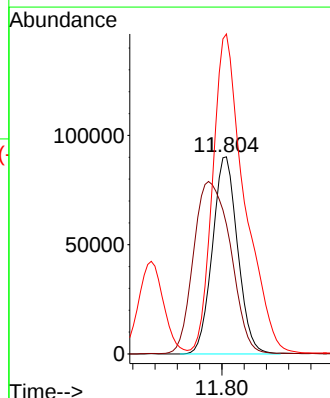
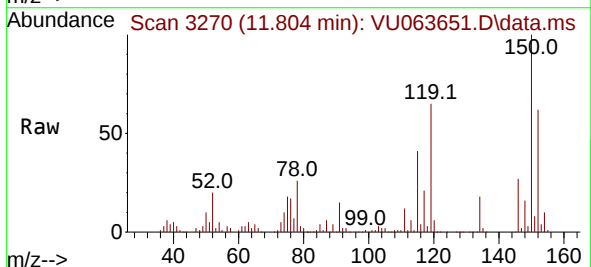
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

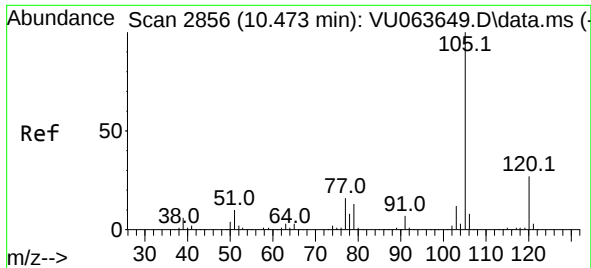
Tgt Ion:173 Resp: 220228
Ion Ratio Lower Upper
173 100
175 49.2 24.3 72.8
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.804 min Scan# 3270
Delta R.T. 0.000 min
Lab File: VU063651.D
Acq: 25 Sep 2025 19:09

Tgt Ion:152 Resp: 141792
Ion Ratio Lower Upper
152 100
115 127.7 42.3 126.8#
150 205.7 0.0 340.8

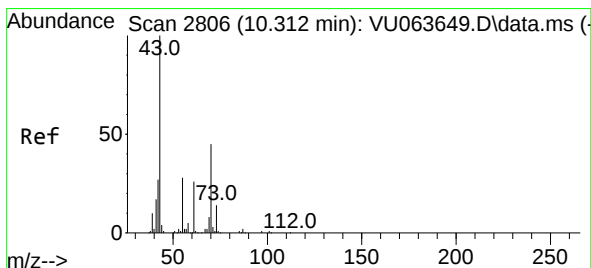
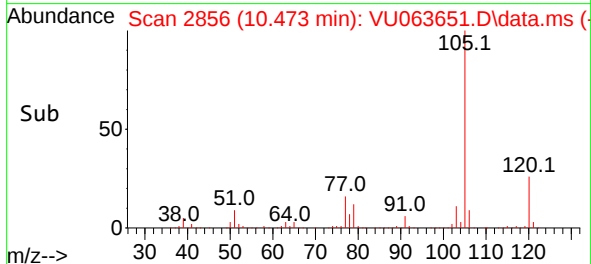
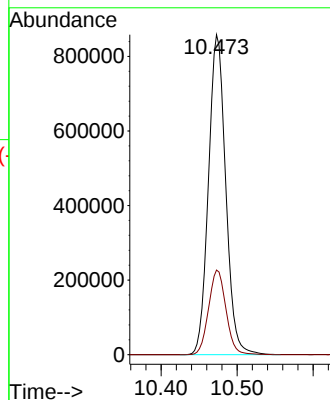
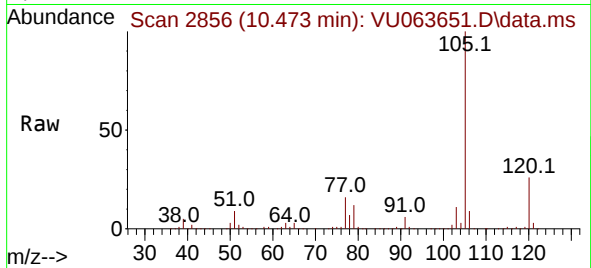




#73
Isopropylbenzene
Concen: 150.071 ug/l
RT: 10.473 min Scan# 2856
Delta R.T. -0.000 min
Lab File: VU063651.D
Acq: 25 Sep 2025 19:09

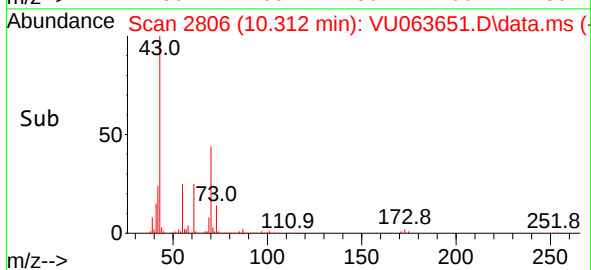
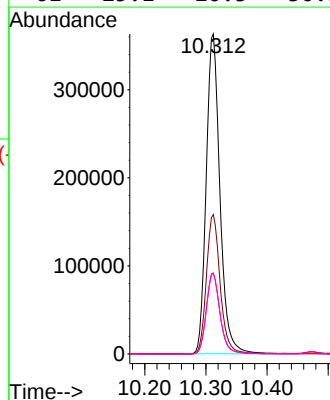
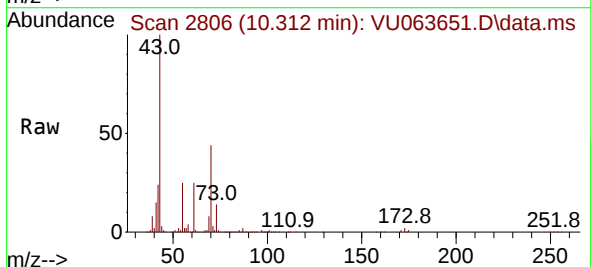
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

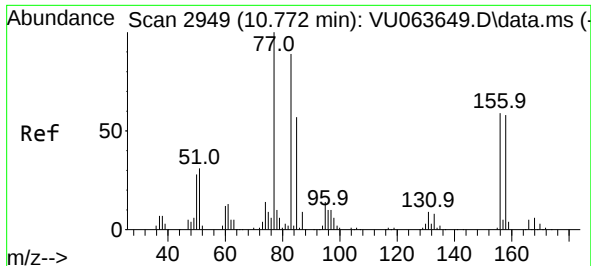
Tgt Ion:105 Resp: 1351498
Ion Ratio Lower Upper
105 100
120 26.6 13.5 40.4



#74
N-ethyl acetate
Concen: 180.904 ug/l
RT: 10.312 min Scan# 2806
Delta R.T. -0.000 min
Lab File: VU063651.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 43 Resp: 566217
Ion Ratio Lower Upper
43 100
70 43.7 35.5 53.3
55 25.4 21.6 32.4
61 25.1 20.3 30.5

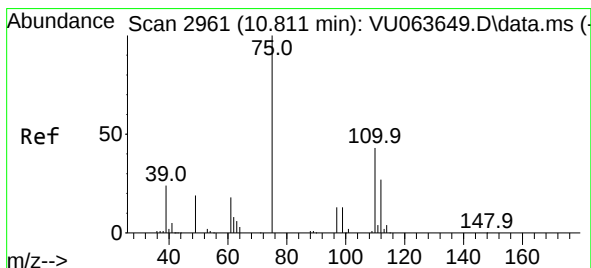
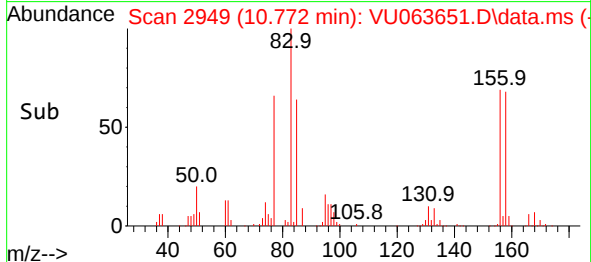
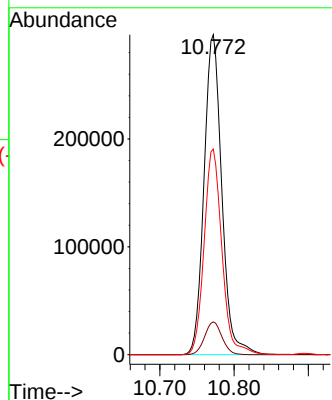
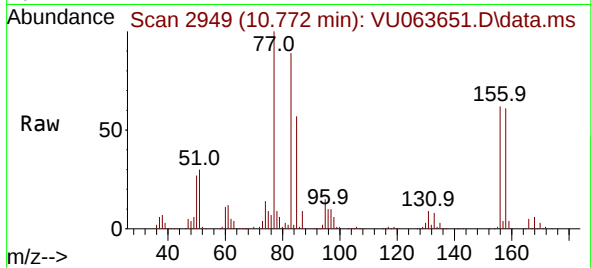




#75
 1,1,2,2-Tetrachloroethane
 Concen: 148.219 ug/l
 RT: 10.772 min Scan# 2949
 Delta R.T. -0.000 min
 Lab File: VU063651.D
 Acq: 25 Sep 2025 19:09

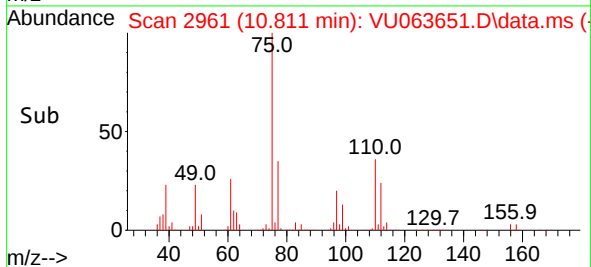
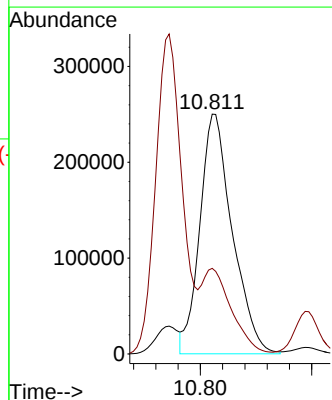
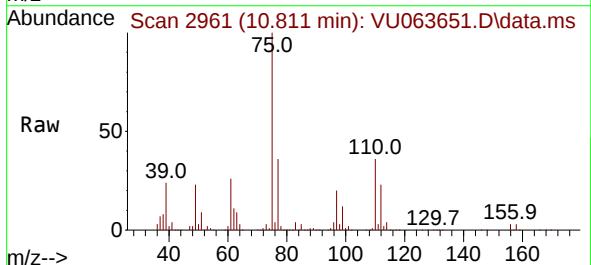
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

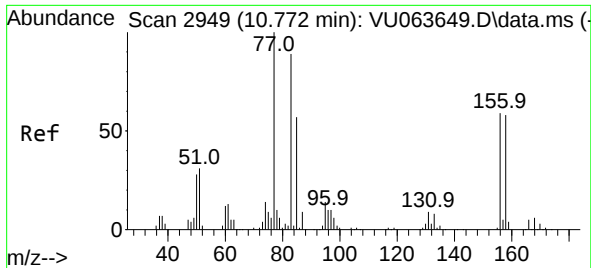
Tgt Ion: 83 Resp: 493003
 Ion Ratio Lower Upper
 83 100
 131 10.0 4.8 14.4
 85 64.3 31.8 95.4



#76
 1,2,3-Trichloropropane
 Concen: 147.649 ug/l
 RT: 10.811 min Scan# 2961
 Delta R.T. -0.000 min
 Lab File: VU063651.D
 Acq: 25 Sep 2025 19:09

Tgt Ion: 75 Resp: 506735
 Ion Ratio Lower Upper
 75 100
 77 29.5 0.0 0.0#

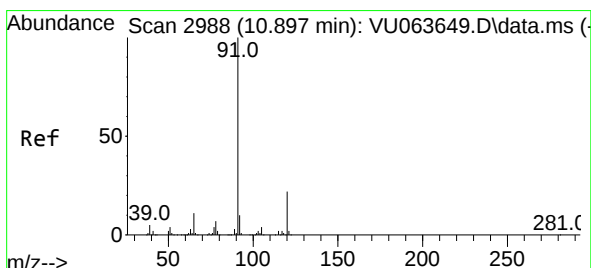
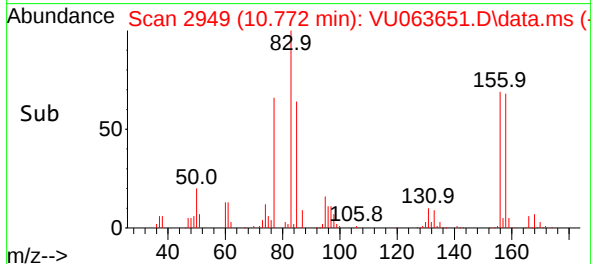
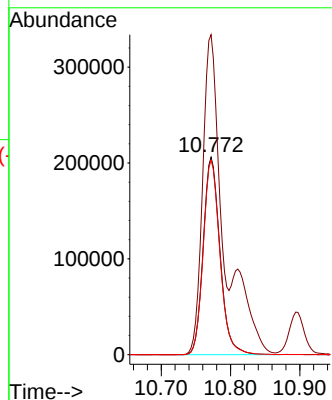
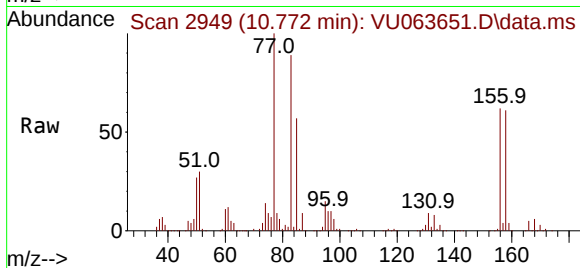




#77
Bromobenzene
Concen: 151.306 ug/l
RT: 10.772 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU063651.D
Acq: 25 Sep 2025 19:09

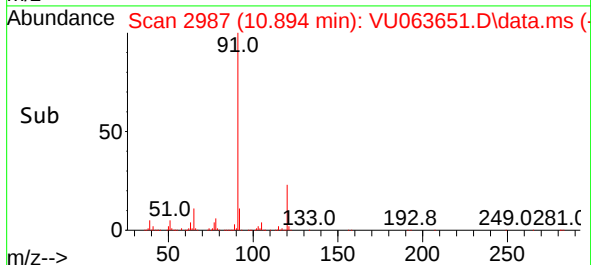
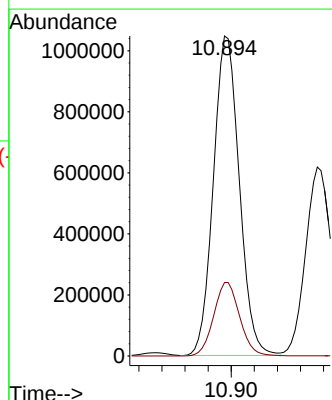
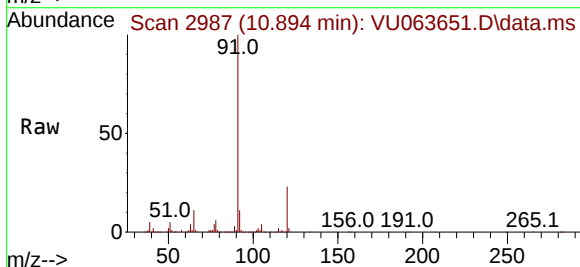
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

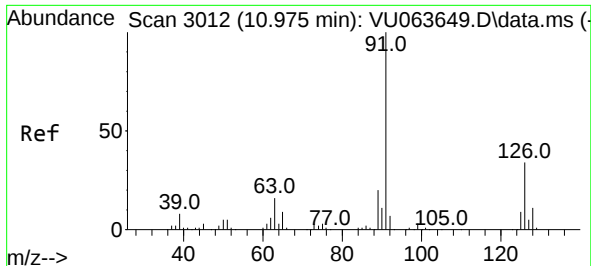
Tgt Ion:156 Resp: 347148
Ion Ratio Lower Upper
156 100
77 159.8 81.6 244.8
158 98.0 49.3 147.9



#78
n-propylbenzene
Concen: 153.435 ug/l
RT: 10.894 min Scan# 2987
Delta R.T. -0.003 min
Lab File: VU063651.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 91 Resp: 1632301
Ion Ratio Lower Upper
91 100
120 23.1 11.2 33.6

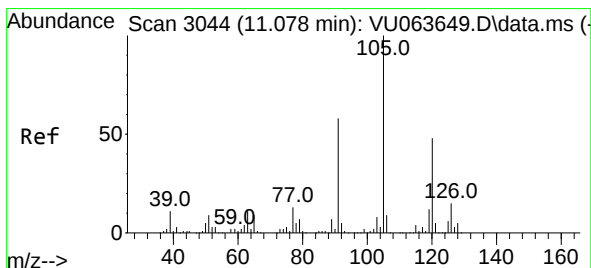
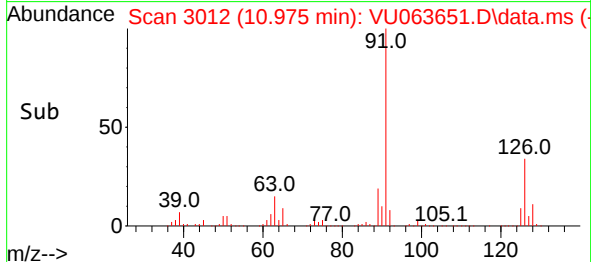
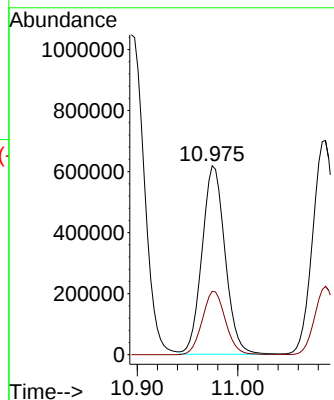
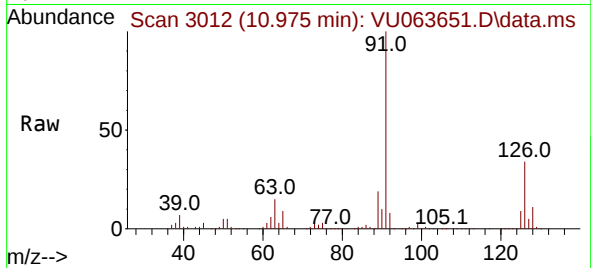




#79
2-Chlorotoluene
Concen: 145.323 ug/l
RT: 10.975 min Scan# 3012
Delta R.T. -0.000 min
Lab File: VU063651.D
Acq: 25 Sep 2025 19:09

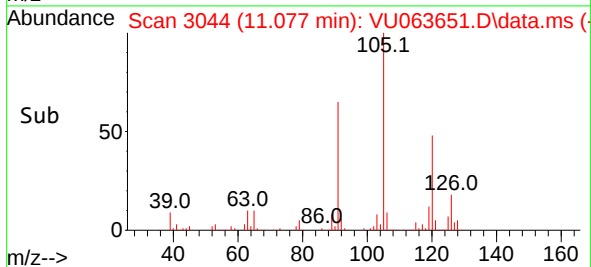
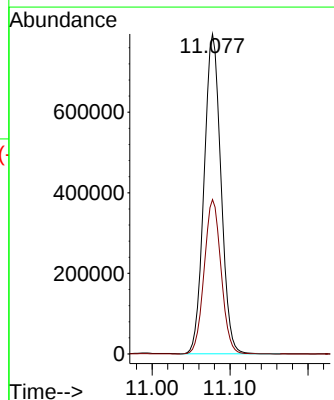
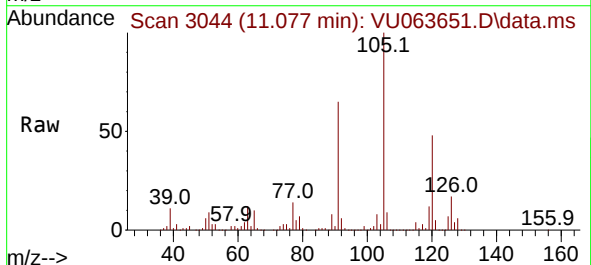
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

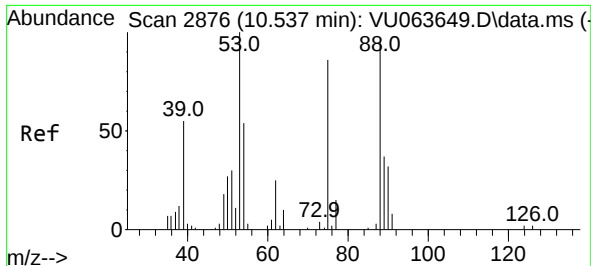
Tgt Ion: 91 Resp: 984047
Ion Ratio Lower Upper
91 100
126 33.9 16.8 50.4



#80
1,3,5-Trimethylbenzene
Concen: 156.601 ug/l
RT: 11.077 min Scan# 3044
Delta R.T. -0.000 min
Lab File: VU063651.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 105 Resp: 1191041
Ion Ratio Lower Upper
105 100
120 48.3 24.3 72.9

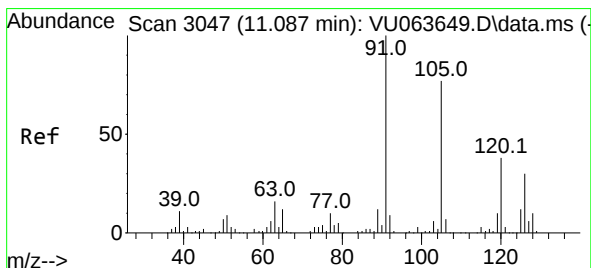
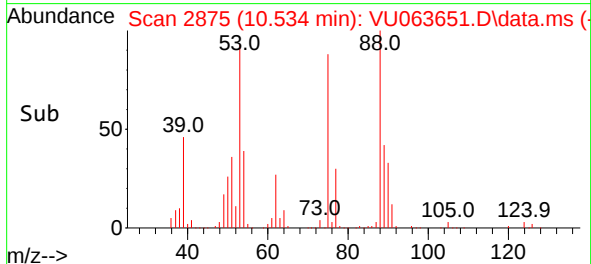
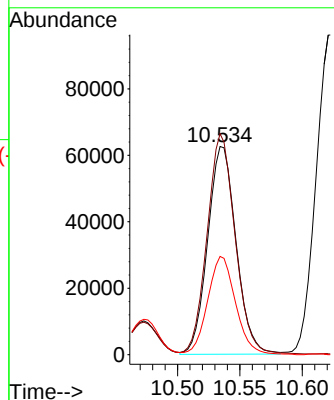
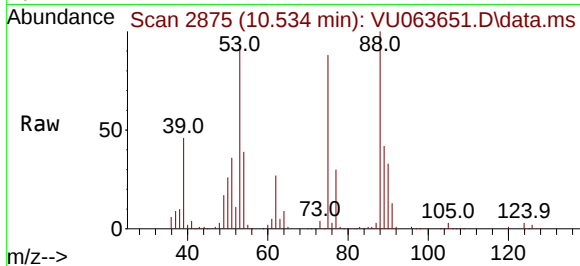




#81
trans-1,4-Dichloro-2-butene
Concen: 183.257 ug/l
RT: 10.534 min Scan# 2876
Delta R.T. -0.003 min
Lab File: VU063651.D
Acq: 25 Sep 2025 19:09

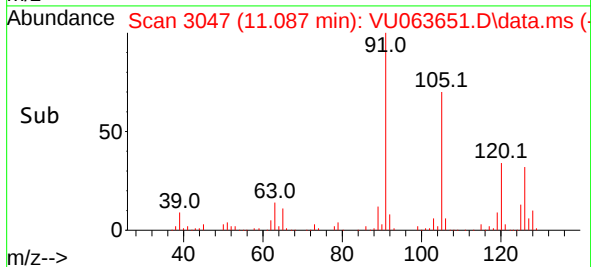
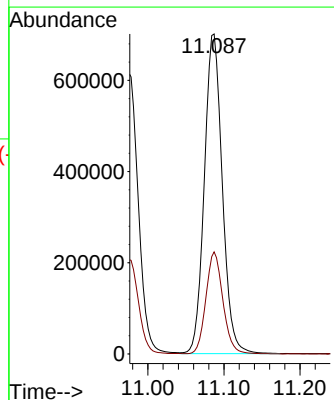
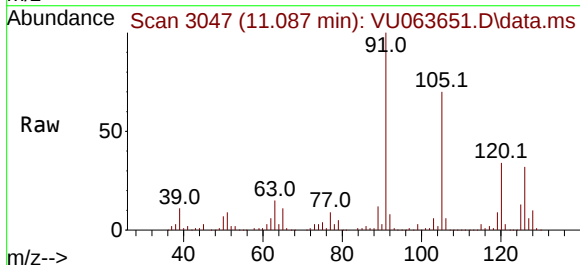
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

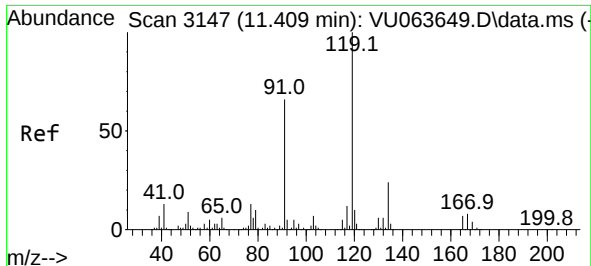
Tgt Ion:	75	Resp:	99298
Ion	Ratio	Lower	Upper
75	100		
53	104.4	94.6	142.0
89	46.6	37.4	56.2



#82
4-Chlorotoluene
Concen: 154.764 ug/l
RT: 11.087 min Scan# 3047
Delta R.T. -0.000 min
Lab File: VU063651.D
Acq: 25 Sep 2025 19:09

Tgt Ion:	91	Resp:	1151073
Ion	Ratio	Lower	Upper
91	100		
126	30.2	14.6	44.0

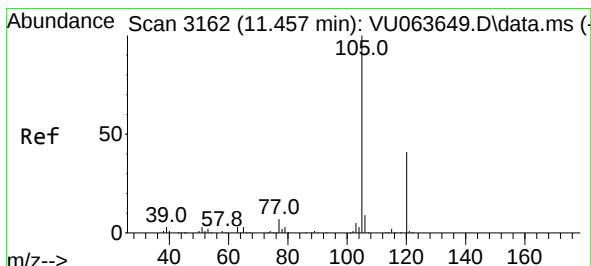
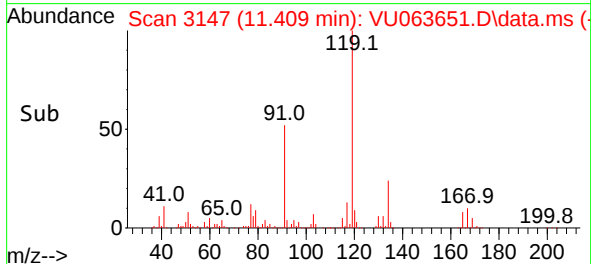
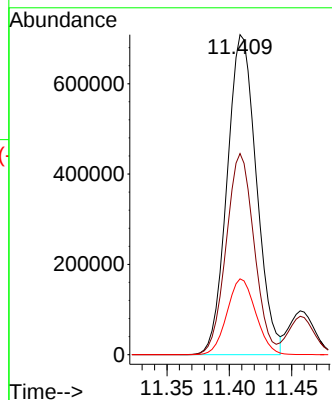
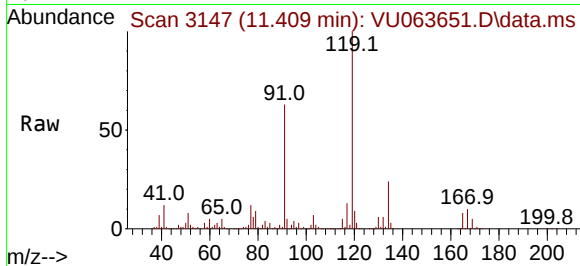




#83
 tert-Butylbenzene
 Concen: 158.507 ug/l
 RT: 11.409 min Scan# 3147
 Delta R.T. -0.000 min
 Lab File: VU063651.D
 Acq: 25 Sep 2025 19:09

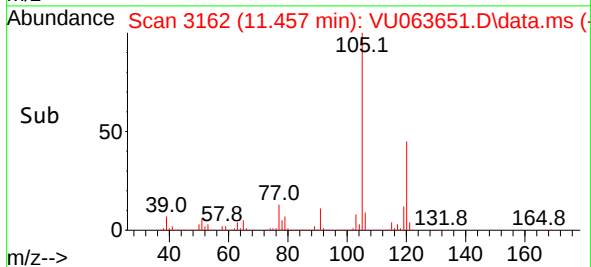
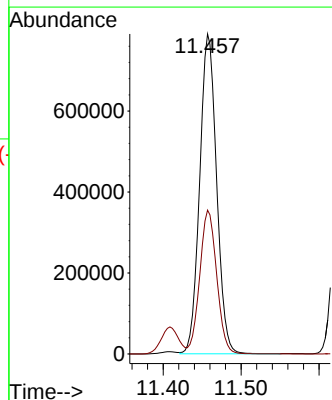
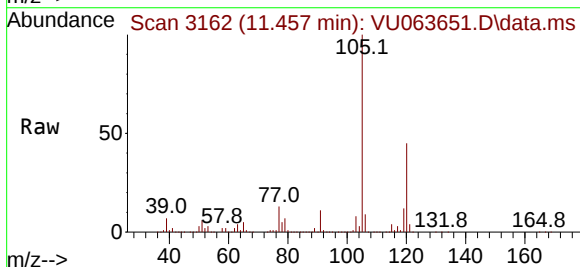
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

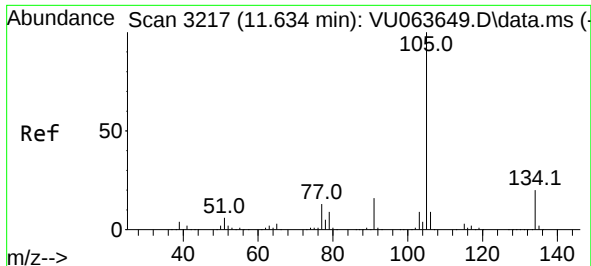
Tgt Ion:119 Resp: 1159584
 Ion Ratio Lower Upper
 119 100
 91 59.9 31.5 94.5
 134 23.2 12.0 36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 158.792 ug/l
 RT: 11.457 min Scan# 3162
 Delta R.T. -0.000 min
 Lab File: VU063651.D
 Acq: 25 Sep 2025 19:09

Tgt Ion:105 Resp: 1189083
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.6 67.7

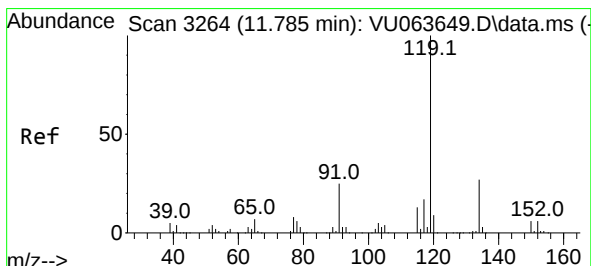
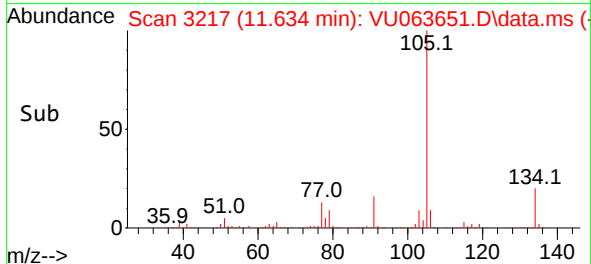
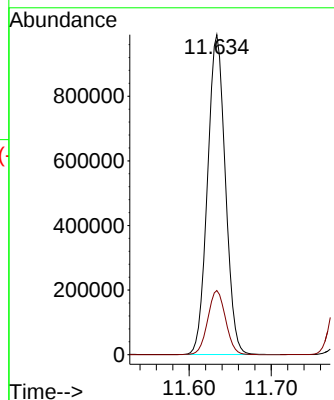
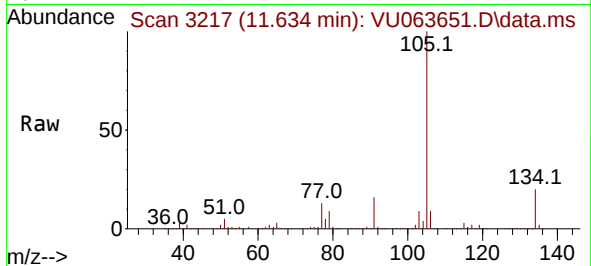




#85
 sec-Butylbenzene
 Concen: 156.367 ug/l
 RT: 11.634 min Scan# 3217
 Delta R.T. -0.000 min
 Lab File: VU063651.D
 Acq: 25 Sep 2025 19:09

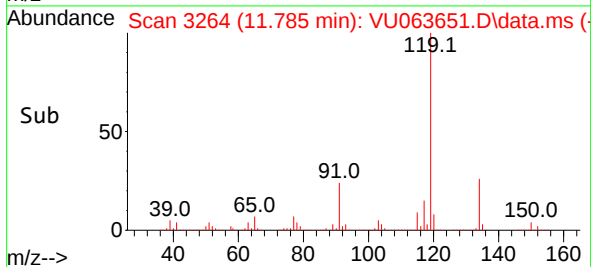
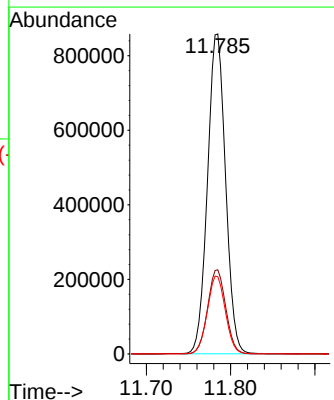
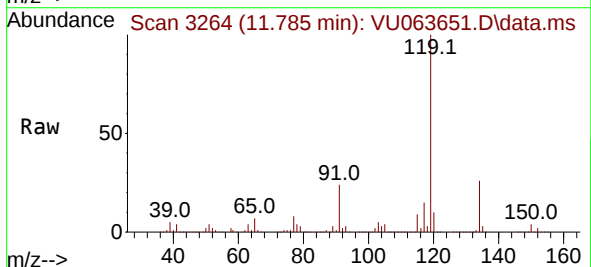
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

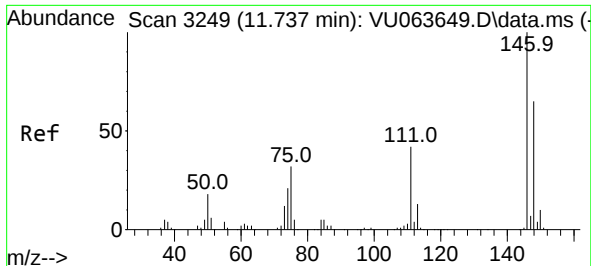
Tgt Ion:105 Resp: 1493390
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 163.044 ug/l
 RT: 11.785 min Scan# 3264
 Delta R.T. -0.000 min
 Lab File: VU063651.D
 Acq: 25 Sep 2025 19:09

Tgt Ion:119 Resp: 1279893
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.4 40.1
 91 24.3 12.7 38.1





#87

1,3-Dichlorobenzene

Concen: 154.883 ug/l

RT: 11.737 min Scan# 3249

Delta R.T. -0.000 min

Lab File: VU063651.D

Acq: 25 Sep 2025 19:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

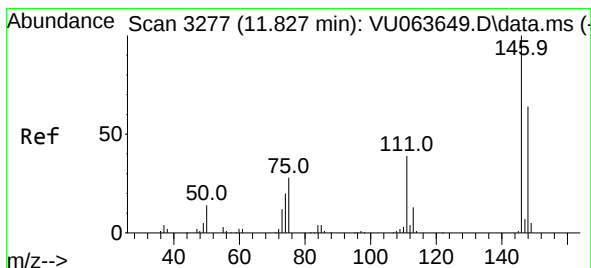
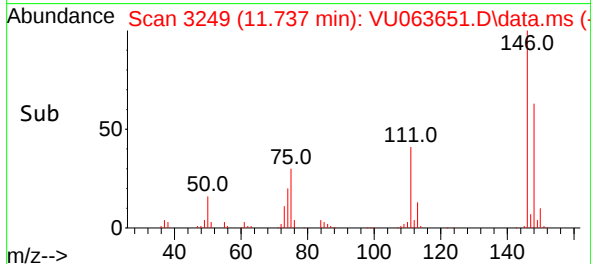
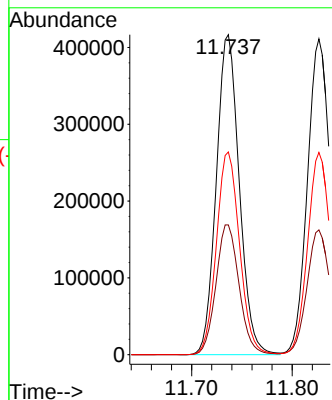
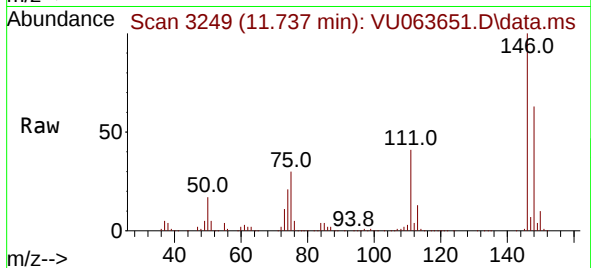
Tgt Ion:146 Resp: 661732

Ion Ratio Lower Upper

146 100

111 40.9 20.8 62.5

148 63.8 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 147.775 ug/l

RT: 11.827 min Scan# 3277

Delta R.T. -0.000 min

Lab File: VU063651.D

Acq: 25 Sep 2025 19:09

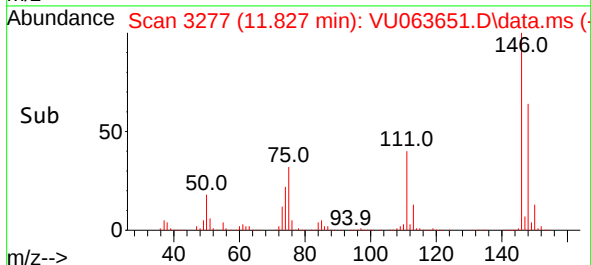
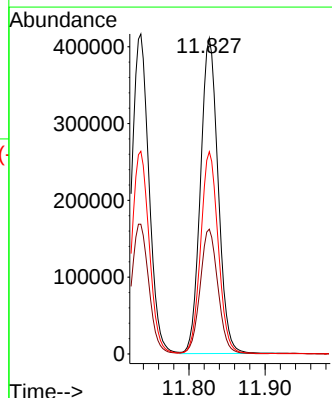
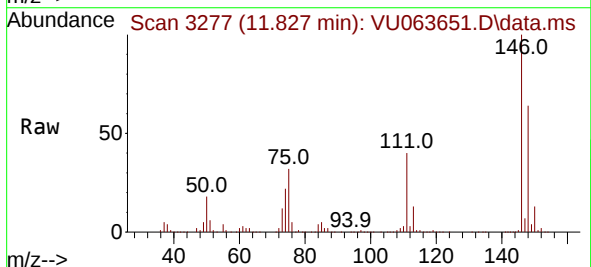
Tgt Ion:146 Resp: 662472

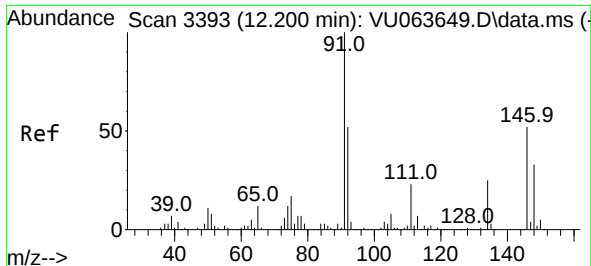
Ion Ratio Lower Upper

146 100

111 39.8 20.3 60.8

148 64.0 31.7 95.1





#89

n-Butylbenzene

Concen: 167.407 ug/l

RT: 12.200 min Scan# 3393

Delta R.T. -0.000 min

Lab File: VU063651.D

Acq: 25 Sep 2025 19:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

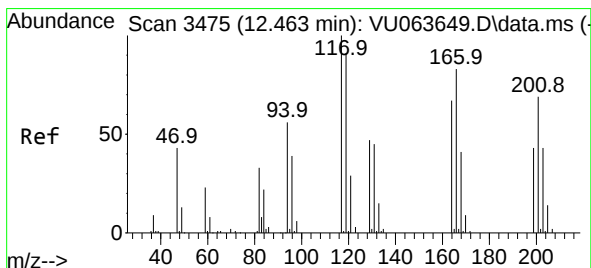
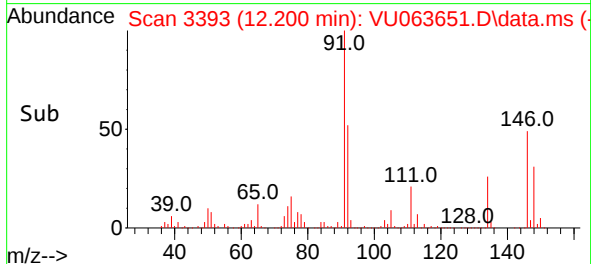
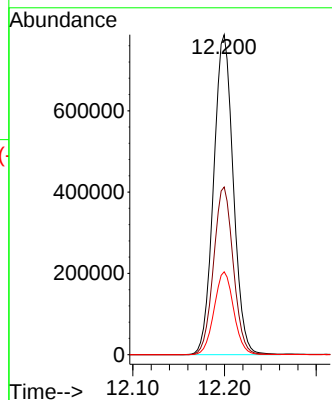
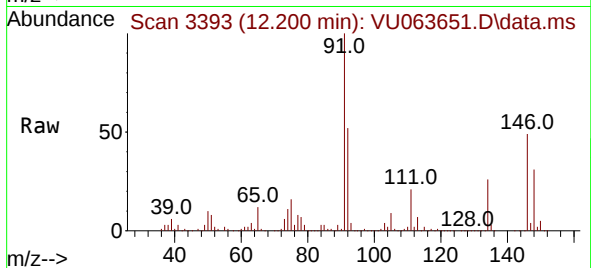
Tgt Ion: 91 Resp: 1171232

Ion Ratio Lower Upper

91 100

92 52.6 26.0 78.0

134 25.9 12.4 37.4



#90

Hexachloroethane

Concen: 155.827 ug/l

RT: 12.466 min Scan# 3476

Delta R.T. 0.003 min

Lab File: VU063651.D

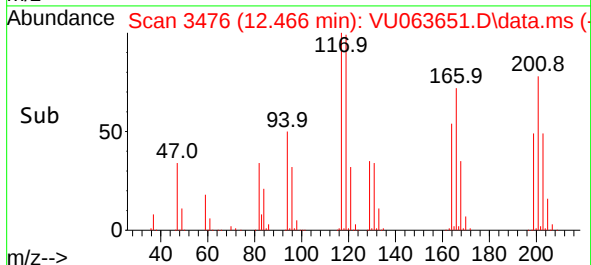
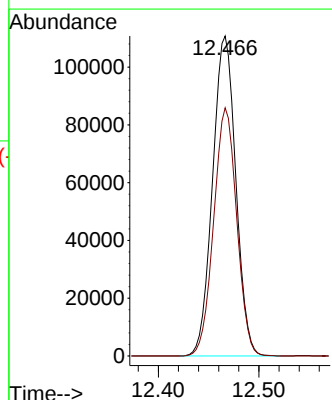
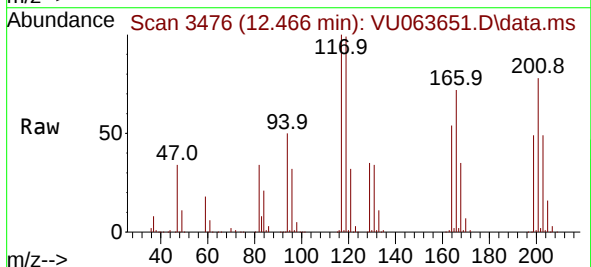
Acq: 25 Sep 2025 19:09

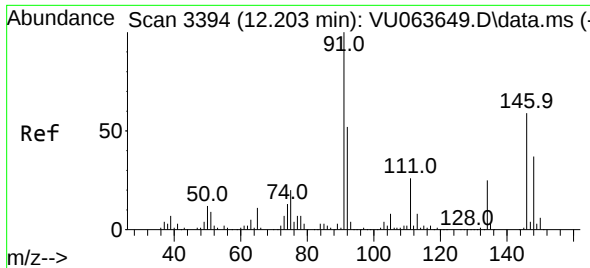
Tgt Ion:117 Resp: 177822

Ion Ratio Lower Upper

117 100

201 76.8 35.8 107.3

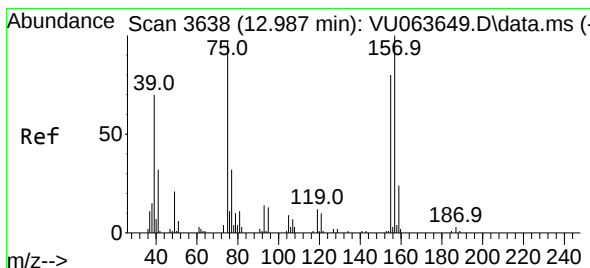
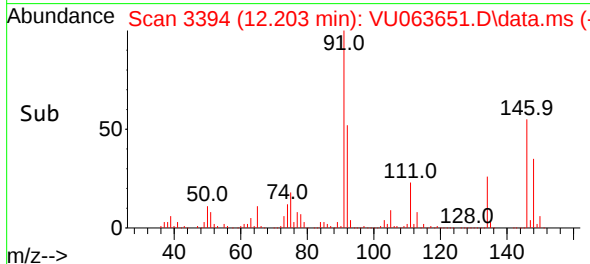
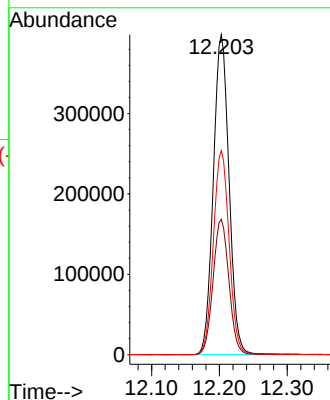
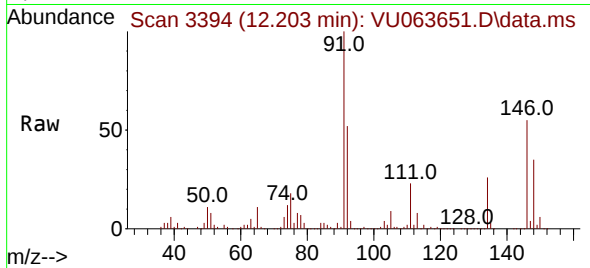




#91
 1,2-Dichlorobenzene
 Concen: 153.634 ug/l
 RT: 12.203 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU063651.D
 Acq: 25 Sep 2025 19:09

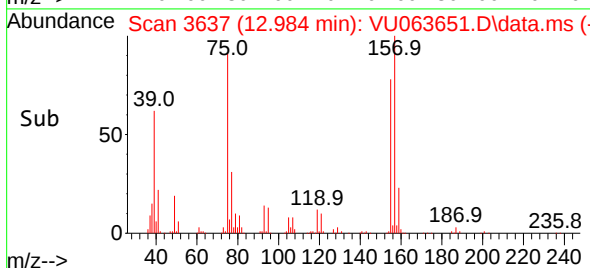
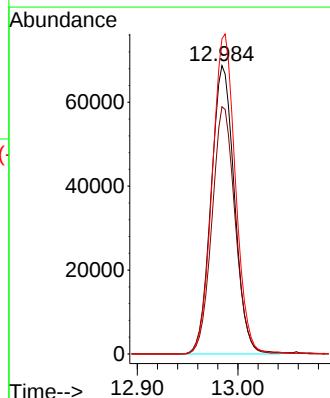
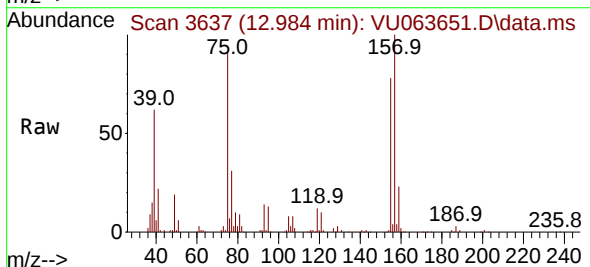
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

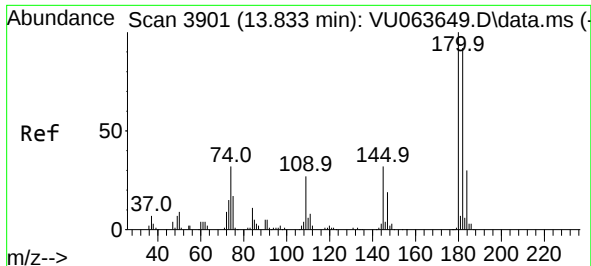
Tgt Ion:146 Resp: 641417
 Ion Ratio Lower Upper
 146 100
 111 42.6 21.7 65.1
 148 64.1 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 180.019 ug/l
 RT: 12.984 min Scan# 3637
 Delta R.T. -0.003 min
 Lab File: VU063651.D
 Acq: 25 Sep 2025 19:09

Tgt Ion: 75 Resp: 111014
 Ion Ratio Lower Upper
 75 100
 155 84.9 39.3 117.8
 157 110.5 50.8 152.4

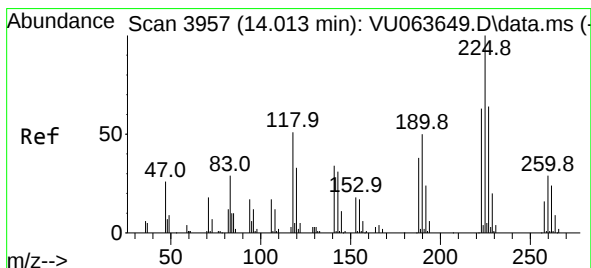
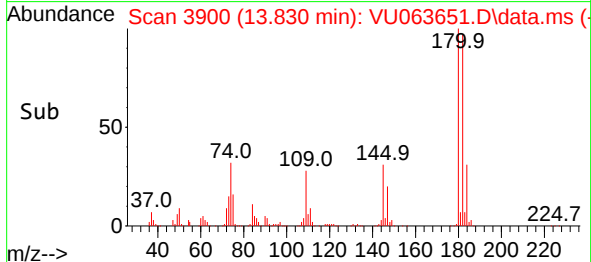
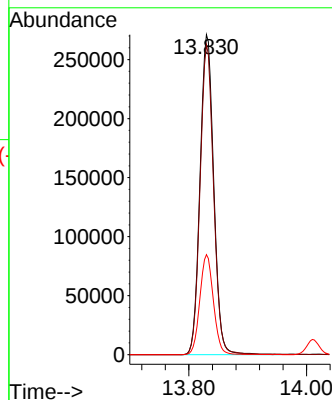
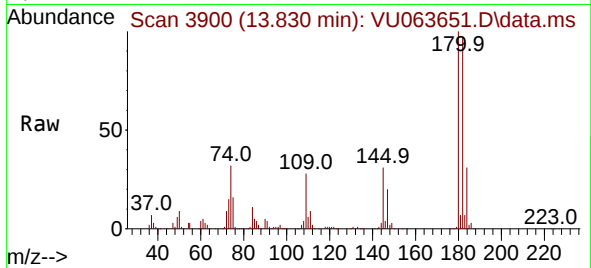




#93
1,2,4-Trichlorobenzene
Concen: 183.122 ug/l
RT: 13.830 min Scan# 3901
Delta R.T. -0.003 min
Lab File: VU063651.D
Acq: 25 Sep 2025 19:09

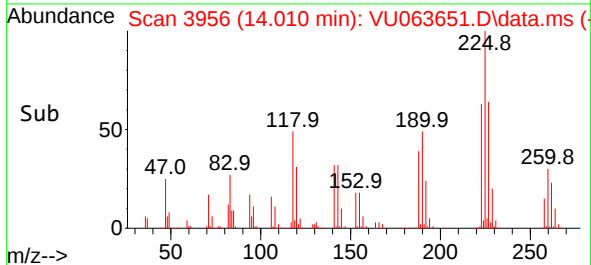
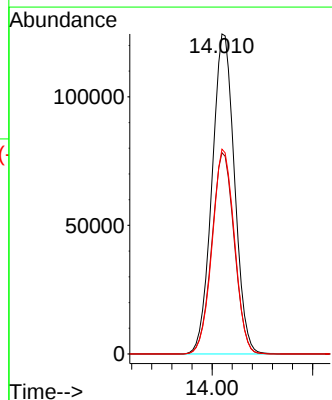
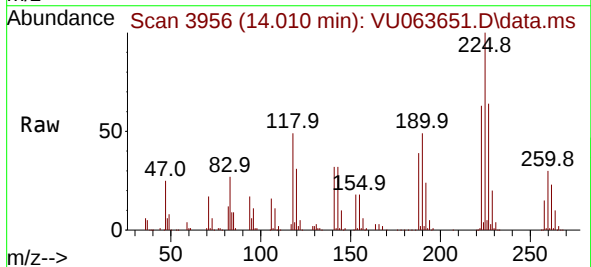
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

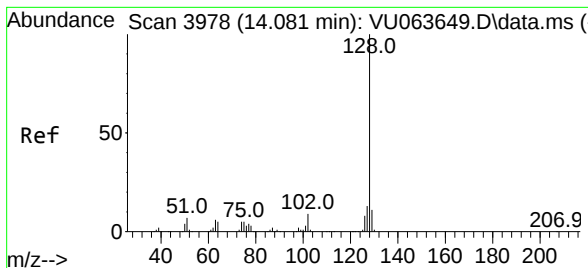
Tgt Ion:180 Resp: 437877
Ion Ratio Lower Upper
180 100
182 95.4 47.0 141.0
145 31.0 16.0 48.0



#94
Hexachlorobutadiene
Concen: 160.294 ug/l
RT: 14.010 min Scan# 3956
Delta R.T. -0.003 min
Lab File: VU063651.D
Acq: 25 Sep 2025 19:09

Tgt Ion:225 Resp: 193036
Ion Ratio Lower Upper
225 100
223 63.0 31.1 93.3
227 63.3 31.2 93.6





#95

Naphthalene

Concen: 150.265 ug/l

RT: 14.077 min Scan# 3977

Delta R.T. -0.004 min

Lab File: VU063651.D

Acq: 25 Sep 2025 19:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC150

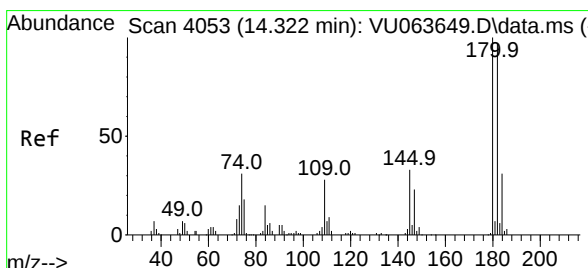
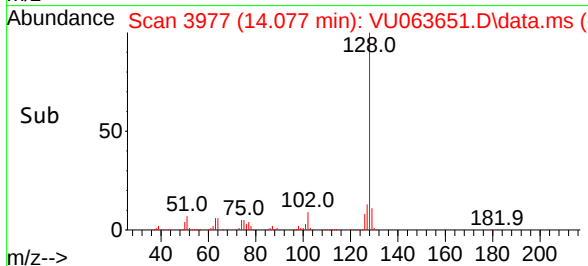
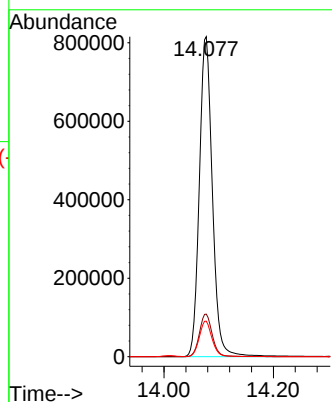
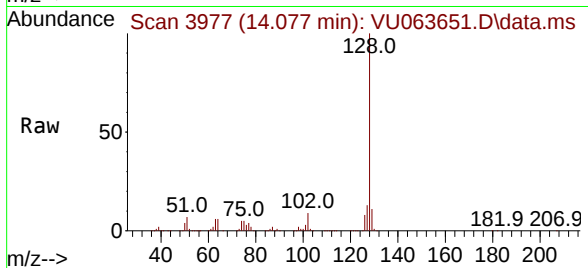
Tgt Ion:128 Resp: 1346999

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 10.8 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 176.351 ug/l

RT: 14.318 min Scan# 4052

Delta R.T. -0.003 min

Lab File: VU063651.D

Acq: 25 Sep 2025 19:09

Tgt Ion:180 Resp: 422836

Ion Ratio Lower Upper

180 100

182 96.2 47.1 141.4

145 32.7 16.4 49.1

