

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092625\
 Data File : VU063650.D
 Acq On : 25 Sep 2025 18:45
 Operator : MD/SY
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC100

Quant Time: Sep 26 06:41:47 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	154711	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.235	114	257550	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.409	117	250840	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.801	152	143647	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.685	65	149300	97.455	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 194.920%#	
35) Dibromofluoromethane	5.274	113	128918	92.431	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 184.860%#	
50) Toluene-d8	7.888	98	401683	88.989	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 177.980%#	
62) 4-Bromofluorobenzene	10.624	95	195566	96.614	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 193.220%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.377	85	140056	97.243	ug/l	99
3) Chloromethane	1.515	50	166113	87.957	ug/l	97
4) Vinyl Chloride	1.596	62	198763	92.408	ug/l	99
5) Bromomethane	1.817	94	151852	96.522	ug/l	98
6) Chloroethane	1.901	64	131579	90.089	ug/l	97
7) Trichlorofluoromethane	2.113	101	287911	91.053	ug/l	99
8) Diethyl Ether	2.364	74	111125	89.665	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.560	101	150655	87.402	ug/l	99
10) Methyl Iodide	2.702	142	224860	105.230	ug/l	99
11) Tert butyl alcohol	3.181	59	229472	499.521	ug/l	100
12) 1,1-Dichloroethene	2.557	96	148442	87.106	ug/l	97
13) Acrolein	2.473	56	35142	450.747	ug/l	94
14) Allyl chloride	2.904	41	242946	96.194	ug/l	98
15) Acrylonitrile	3.296	53	597418	495.491	ug/l	100
16) Acetone	2.615	43	514238	494.361	ug/l	97
17) Carbon Disulfide	2.772	76	363478	104.342	ug/l	100
18) Methyl Acetate	2.936	43	279472	98.895	ug/l	99
19) Methyl tert-butyl Ether	3.351	73	500449	95.167	ug/l	100
20) Methylene Chloride	3.026	84	176931	97.589	ug/l	98
21) trans-1,2-Dichloroethene	3.332	96	162438	96.965	ug/l	97
22) Diisopropyl ether	3.978	45	504788	97.129	ug/l	90
23) Vinyl Acetate	3.936	43	2135069	563.031	ug/l	99
24) 1,1-Dichloroethane	3.846	63	306821	94.050	ug/l	98
25) 2-Butanone	4.685	43	792861	519.968	ug/l	99
26) 2,2-Dichloropropane	4.644	77	206519	99.004	ug/l	100
27) cis-1,2-Dichloroethene	4.647	96	193955	92.944	ug/l	99
28) Bromochloromethane	4.952	49	148384	105.041	ug/l	99
29) Tetrahydrofuran	5.033	42	522697	499.169	ug/l	100
30) Chloroform	5.068	83	326171	93.581	ug/l	99
31) Cyclohexane	5.370	56	269993	91.281	ug/l	100
32) 1,1,1-Trichloroethane	5.296	97	267951	98.142	ug/l	98
36) 1,1-Dichloropropene	5.509	75	220481	100.787	ug/l	98
37) Ethyl Acetate	4.792	43	280505	93.811	ug/l	97
38) Carbon Tetrachloride	5.505	117	214959	104.142	ug/l	99
39) Methylcyclohexane	6.746	83	282787	102.810	ug/l	99
40) Benzene	5.756	78	697347	98.214	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.956	41	143402	111.000	ug/l	98
42) 1,2-Dichloroethane	5.775	62	250926	96.708	ug/l	100
43) Isopropyl Acetate	5.898	43	389613	105.035	ug/l	98
44) Trichloroethene	6.528	130	181074	98.283	ug/l	98
45) 1,2-Dichloropropane	6.775	63	177509	99.478	ug/l	99
46) Dibromomethane	6.904	93	136682	98.718	ug/l	97
47) Bromodichloromethane	7.091	83	240295	105.907	ug/l	99
48) Methyl methacrylate	6.949	41	200237	100.944	ug/l	99
49) 1,4-Dioxane	6.949	88	119261	2282.625	ug/l	98
51) 4-Methyl-2-Pentanone	7.779	43	1543653	526.834	ug/l	100
52) Toluene	7.959	92	445080	103.202	ug/l	99
53) t-1,3-Dichloropropene	8.197	75	207590	114.730	ug/l	99
54) cis-1,3-Dichloropropene	7.595	75	248654	115.851	ug/l	99
55) 1,1,2-Trichloroethane	8.386	97	175947	99.130	ug/l	99
56) Ethyl methacrylate	8.322	69	283482	99.979	ug/l	98
57) 1,3-Dichloropropane	8.563	76	300237	100.187	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.454	63	43537	498.087	ug/l	100
59) 2-Hexanone	8.672	43	1173793	546.248	ug/l	100
60) Dibromochloromethane	8.798	129	185033	114.419	ug/l	100
61) 1,2-Dibromoethane	8.910	107	189220	106.014	ug/l	99
64) Tetrachloroethene	8.541	164	180330	97.412	ug/l	96
65) Chlorobenzene	9.438	112	511040	99.165	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.521	131	160376	107.864	ug/l	98
67) Ethyl Benzene	9.560	91	871826	100.766	ug/l	99
68) m/p-Xylenes	9.682	106	684766	212.032	ug/l	98
69) o-Xylene	10.090	106	331569	106.036	ug/l	97
70) Styrene	10.103	104	548612	108.171	ug/l	100
71) Bromoform	10.280	173	130885	95.260	ug/l #	100
73) Isopropylbenzene	10.473	105	856966	93.929	ug/l	99
74) N-amyl acetate	10.312	43	343773	108.416	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.772	83	311670	92.492	ug/l	98
76) 1,2,3-Trichloropropane	10.811	75	318985	91.743	ug/l #	100
77) Bromobenzene	10.772	156	217131	93.415	ug/l	98
78) n-propylbenzene	10.897	91	1028263	95.408	ug/l	98
79) 2-Chlorotoluene	10.975	91	624126	90.980	ug/l	99
80) 1,3,5-Trimethylbenzene	11.077	105	755081	97.998	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.537	75	59043	107.558	ug/l	94
82) 4-Chlorotoluene	11.087	91	727710	96.579	ug/l	99
83) tert-Butylbenzene	11.409	119	723185	97.578	ug/l	97
84) 1,2,4-Trimethylbenzene	11.457	105	746146	98.355	ug/l	99
85) sec-Butylbenzene	11.634	105	936763	96.818	ug/l	99
86) p-Isopropyltoluene	11.785	119	799848	100.576	ug/l	99
87) 1,3-Dichlorobenzene	11.737	146	415425	95.978	ug/l	100
88) 1,4-Dichlorobenzene	11.827	146	420822	92.659	ug/l	99
89) n-Butylbenzene	12.200	91	727542	102.647	ug/l	99
90) Hexachloroethane	12.467	117	105283	92.442	ug/l	96
91) 1,2-Dichlorobenzene	12.203	146	403910	95.496	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.987	75	68653	109.889	ug/l	93
93) 1,2,4-Trichlorobenzene	13.830	180	263773	108.887	ug/l	98
94) Hexachlorobutadiene	14.013	225	116683	95.640	ug/l	97
95) Naphthalene	14.077	128	814646	98.911	ug/l	100
96) 1,2,3-Trichlorobenzene	14.319	180	259228	106.719	ug/l	100

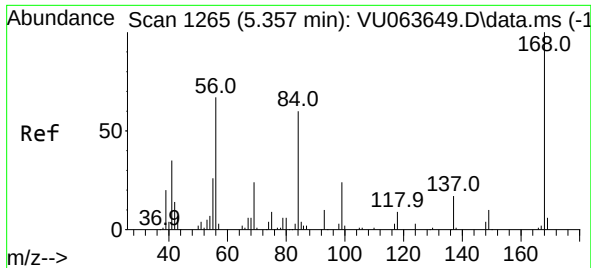
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Response via : Initial Calibration

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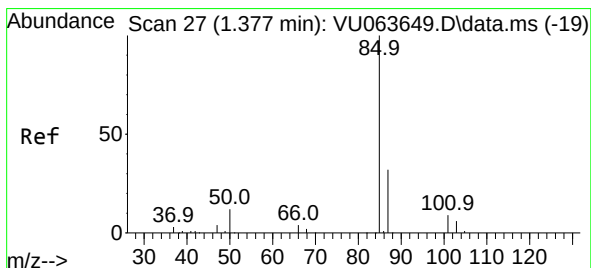
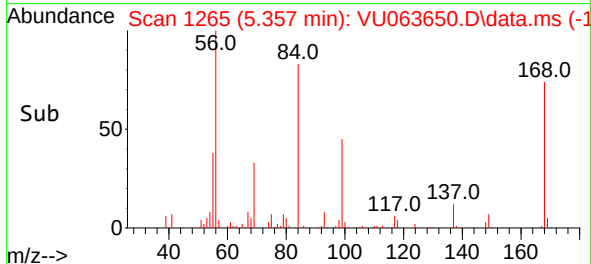
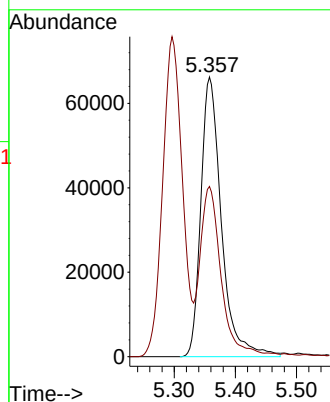
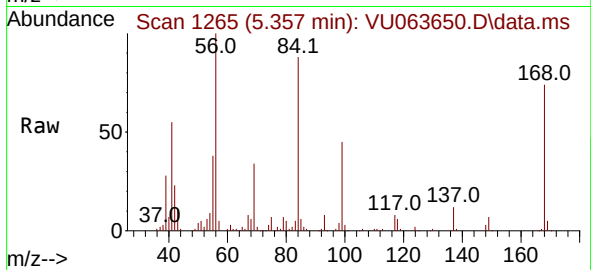
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.357 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU063650.D
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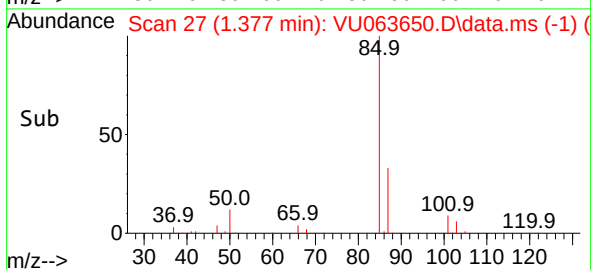
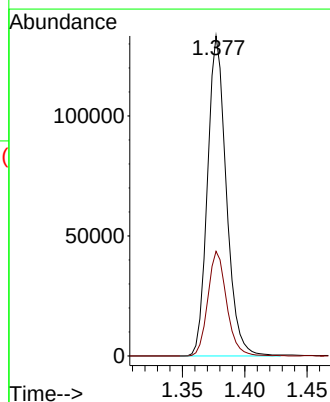
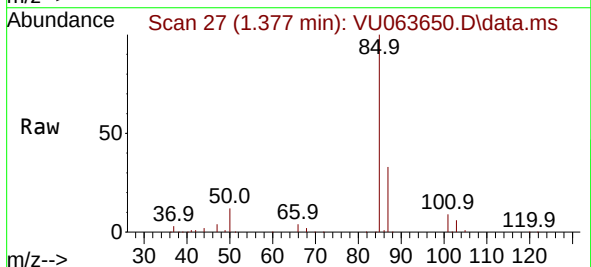
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ClientSampleId :
VSTDICC100

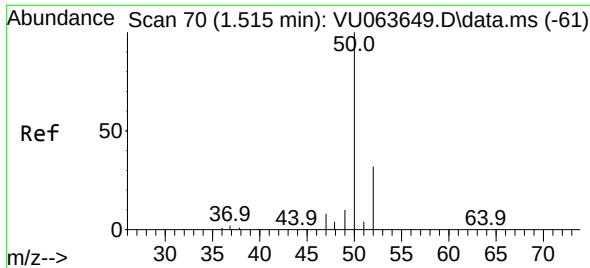
Tgt Ion:168 Resp: 154711
Ion Ratio Lower Upper
168 100
99 60.0 48.7 73.1



#2
Dichlorodifluoromethane
Concen: 97.243 ug/l
RT: 1.377 min Scan# 27
Delta R.T. -0.000 min
Lab File: VU063650.D
Acq: 25 Sep 2025 18:45

Tgt Ion: 85 Resp: 140056
Ion Ratio Lower Upper
85 100
87 32.7 16.1 48.2

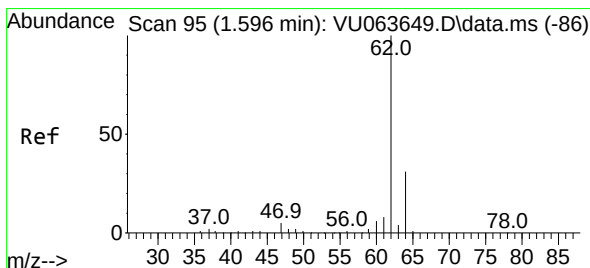
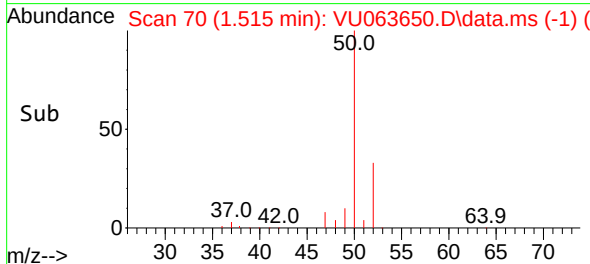
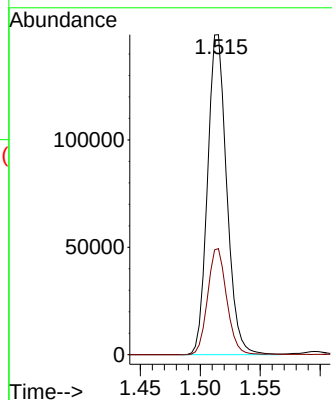
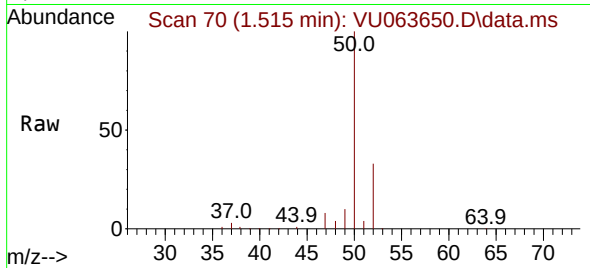




#3
Chloromethane
Concen: 87.957 ug/l
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU063650.D
Acq: 25 Sep 2025 18:45

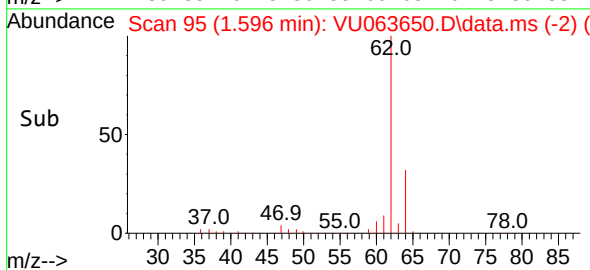
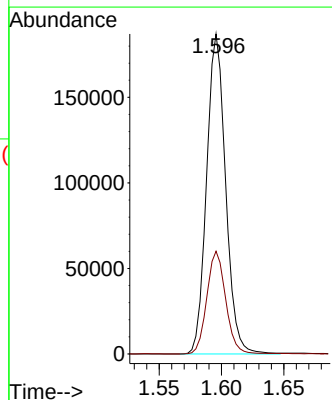
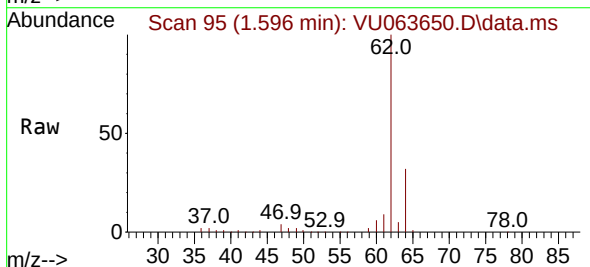
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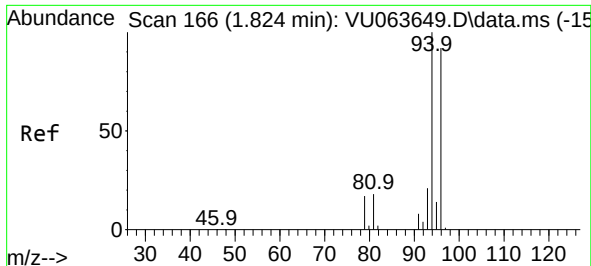
Tgt Ion: 50 Resp: 166113
Ion Ratio Lower Upper
50 100
52 33.1 25.4 38.0



#4
Vinyl Chloride
Concen: 92.408 ug/l
RT: 1.596 min Scan# 95
Delta R.T. -0.000 min
Lab File: VU063650.D
Acq: 25 Sep 2025 18:45

Tgt Ion: 62 Resp: 198763
Ion Ratio Lower Upper
62 100
64 32.1 25.2 37.8

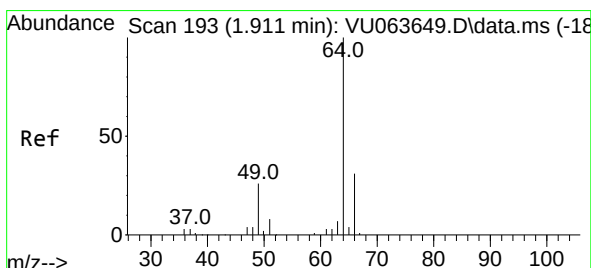
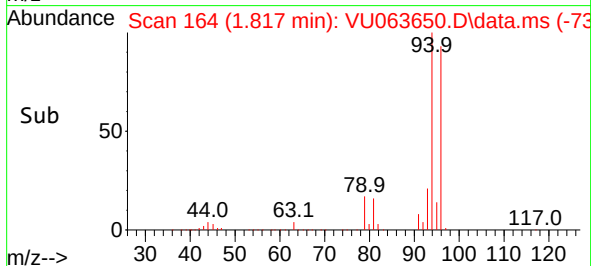
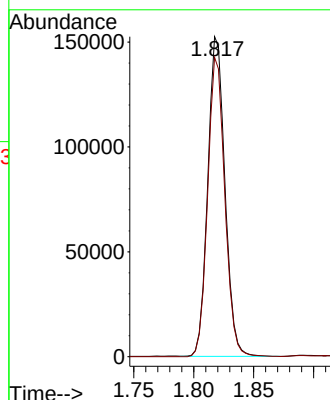
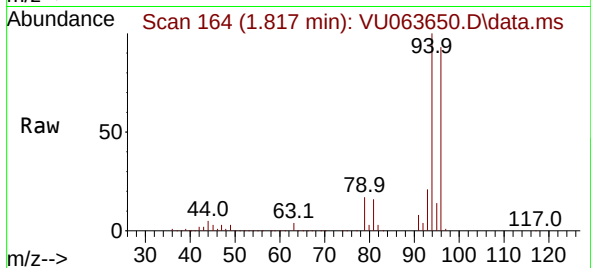




#5
Bromomethane
Concen: 96.522 ug/l
RT: 1.817 min Scan# 1
Delta R.T. -0.006 min
Lab File: VU063650.D
Acq: 25 Sep 2025 18:45

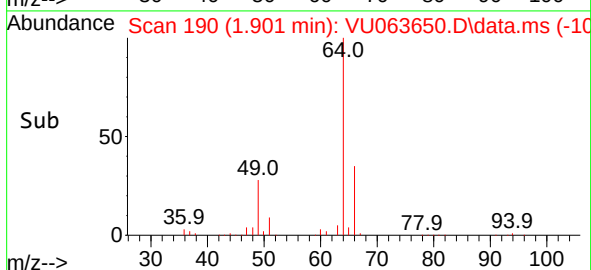
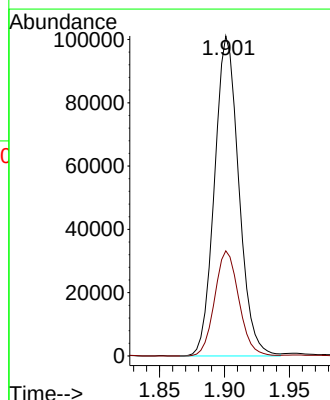
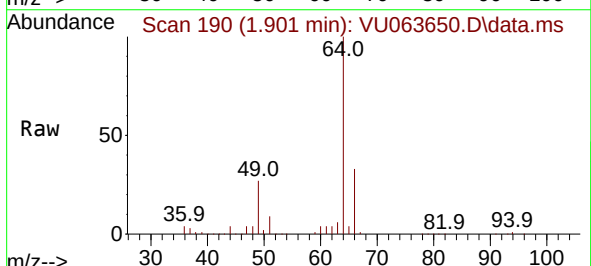
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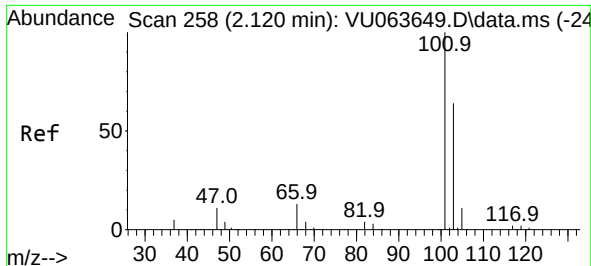
Tgt Ion: 94 Resp: 151852
Ion Ratio Lower Upper
94 100
96 93.6 73.7 110.5



#6
Chloroethane
Concen: 90.089 ug/l
RT: 1.901 min Scan# 190
Delta R.T. -0.010 min
Lab File: VU063650.D
Acq: 25 Sep 2025 18:45

Tgt Ion: 64 Resp: 131579
Ion Ratio Lower Upper
64 100
66 32.8 24.9 37.3

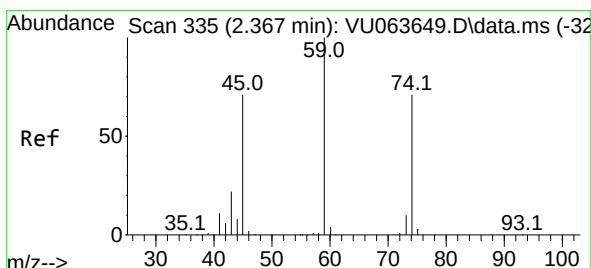
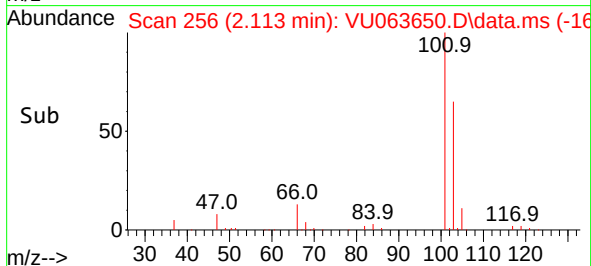
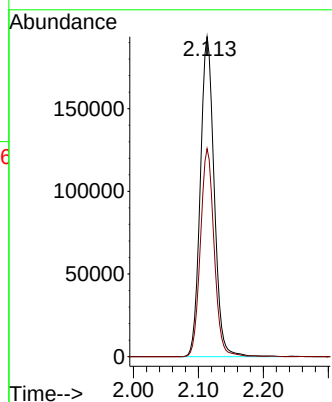
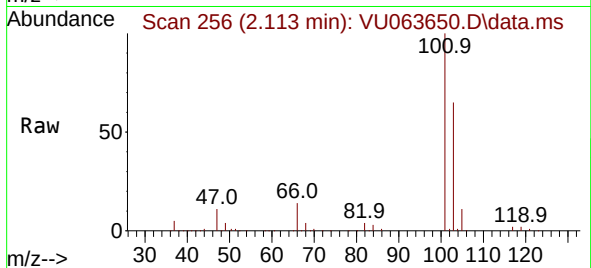




#7
 Trichlorofluoromethane
 Concen: 91.053 ug/l
 RT: 2.113 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VU063650.D
 Acq: 25 Sep 2025 18:45

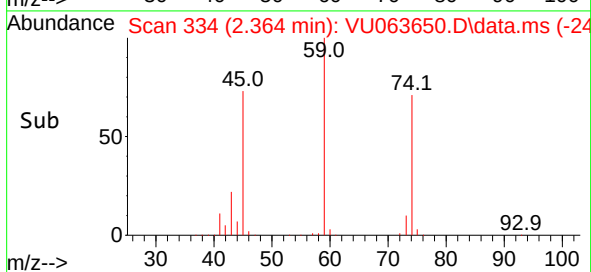
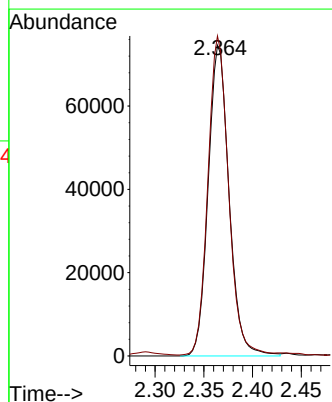
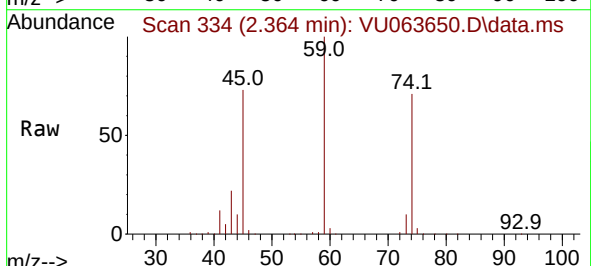
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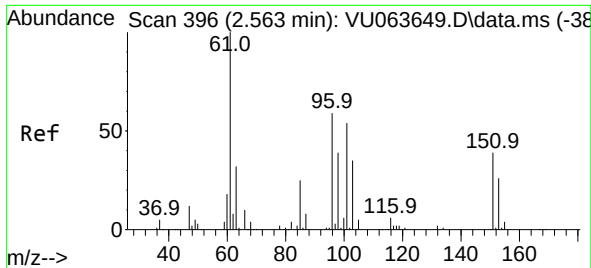
Tgt Ion:101 Resp: 287911
 Ion Ratio Lower Upper
 101 100
 103 65.0 51.3 76.9



#8
 Diethyl Ether
 Concen: 89.665 ug/l
 RT: 2.364 min Scan# 334
 Delta R.T. -0.003 min
 Lab File: VU063650.D
 Acq: 25 Sep 2025 18:45

Tgt Ion: 74 Resp: 111125
 Ion Ratio Lower Upper
 74 100
 45 101.2 50.1 150.4

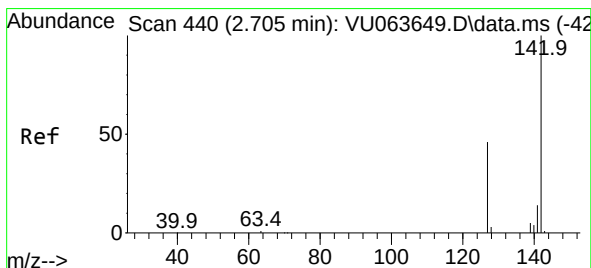
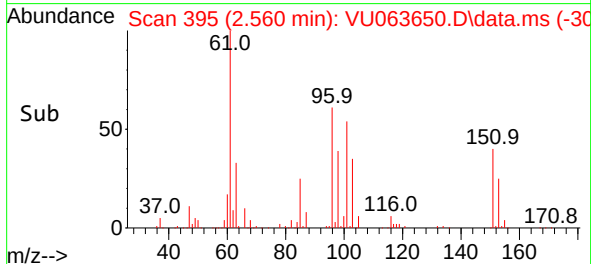
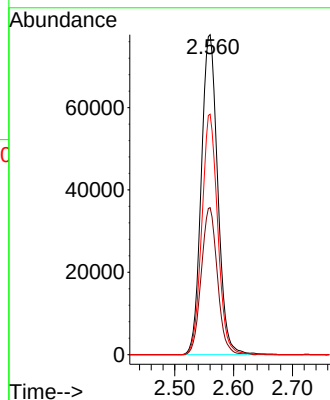
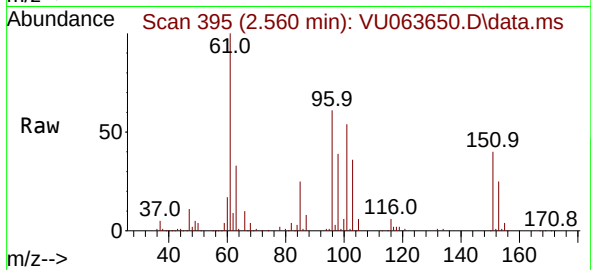




#9
1,1,2-Trichlorotrifluoroethane
Concen: 87.402 ug/l
RT: 2.560 min Scan# 396
Delta R.T. -0.003 min
Lab File: VU063650.D
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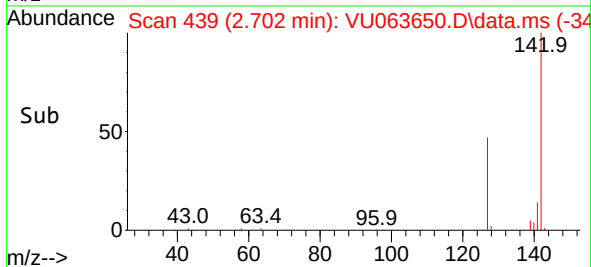
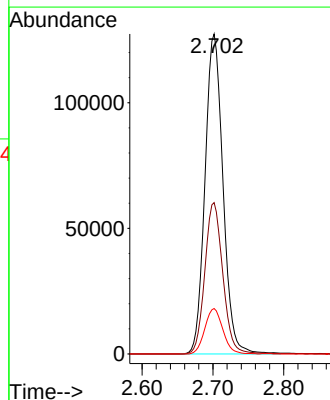
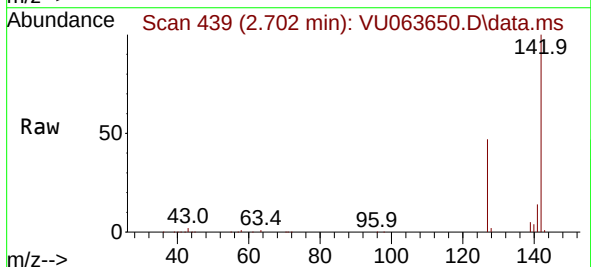
Instrument :
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ClientSampleId :
VSTDIC100

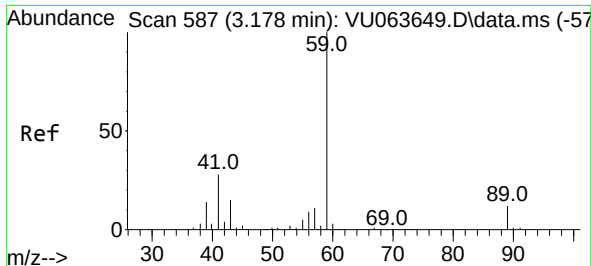
Tgt Ion:101 Resp: 150655
Ion Ratio Lower Upper
101 100
85 44.9 36.8 55.2
151 72.6 57.2 85.8



#10
Methyl Iodide
Concen: 105.230 ug/l
RT: 2.702 min Scan# 439
Delta R.T. -0.003 min
Lab File: VU063650.D
Acq: 25 Sep 2025 18:45

Tgt Ion:142 Resp: 224860
Ion Ratio Lower Upper
142 100
127 47.4 37.1 55.7
141 14.2 11.2 16.8

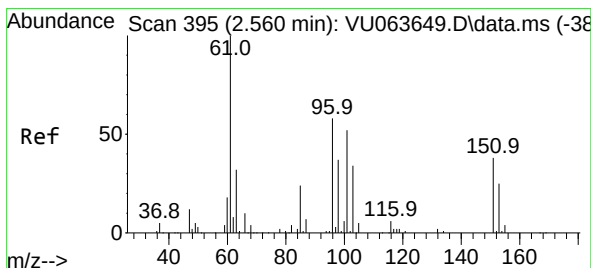
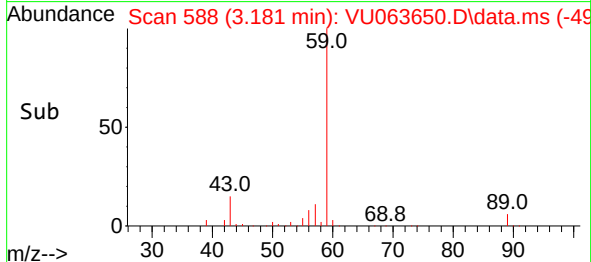
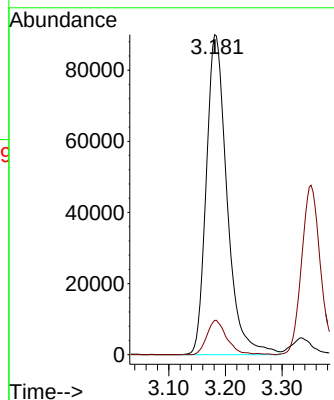
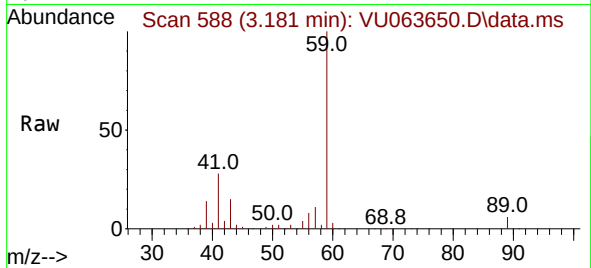




#11
Tert butyl alcohol
Concen: 499.521 ug/l
RT: 3.181 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU063650.D
Acq: 25 Sep 2025 18:45

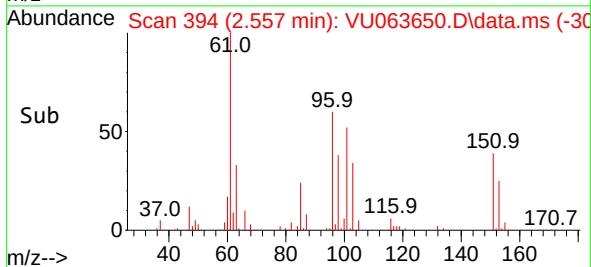
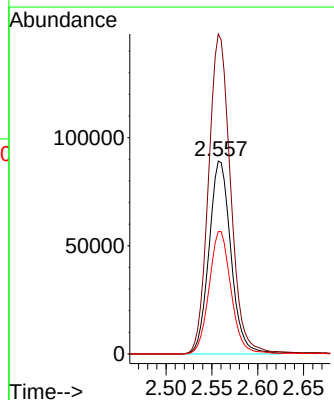
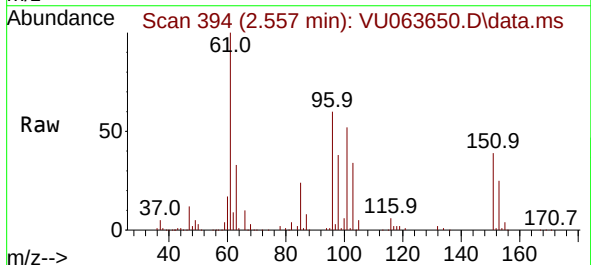
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

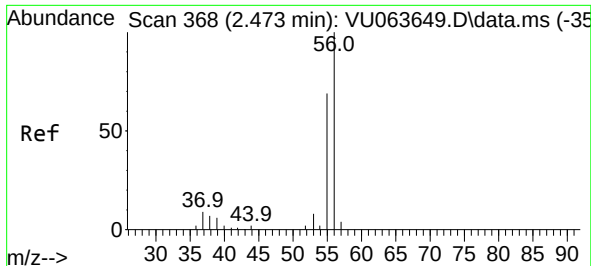
Tgt Ion: 59 Resp: 229472
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.2



#12
1,1-Dichloroethene
Concen: 87.106 ug/l
RT: 2.557 min Scan# 394
Delta R.T. -0.003 min
Lab File: VU063650.D
Acq: 25 Sep 2025 18:45

Tgt Ion: 96 Resp: 148442
Ion Ratio Lower Upper
96 100
61 165.9 137.5 206.3
98 63.5 51.3 76.9

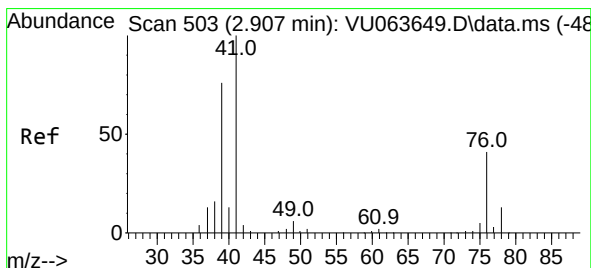
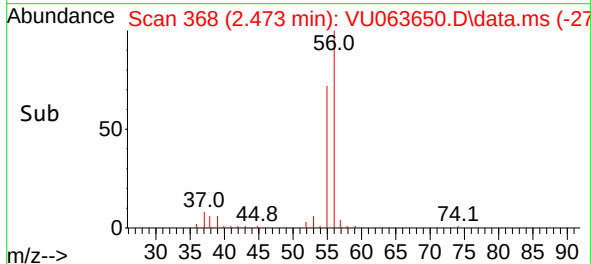
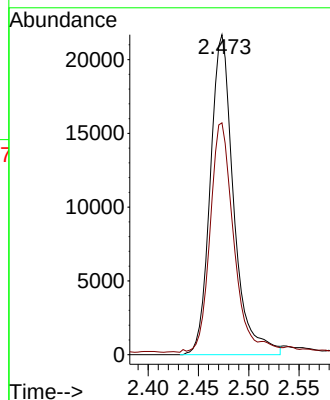
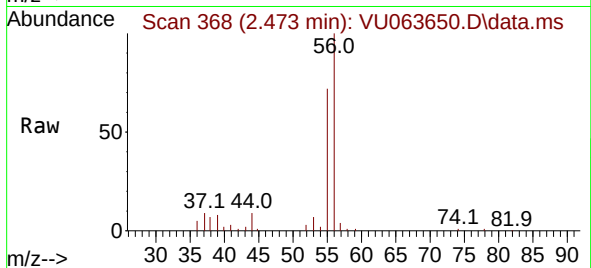




#13
Acrolein
Concen: 450.747 ug/l
RT: 2.473 min Scan# 30
Delta R.T. -0.000 min
Lab File: VU063650.D
Acq: 25 Sep 2025 18:45

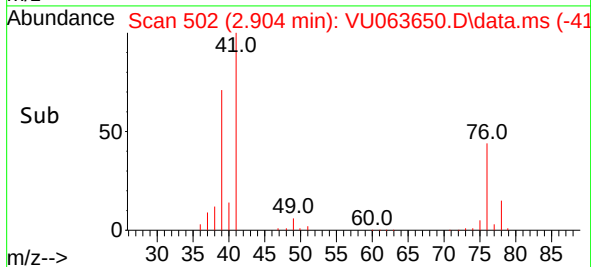
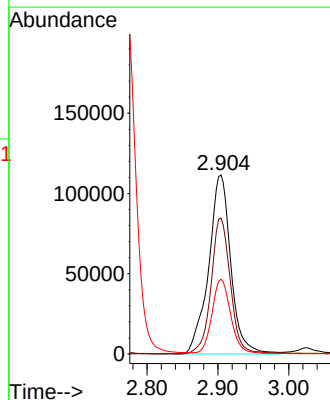
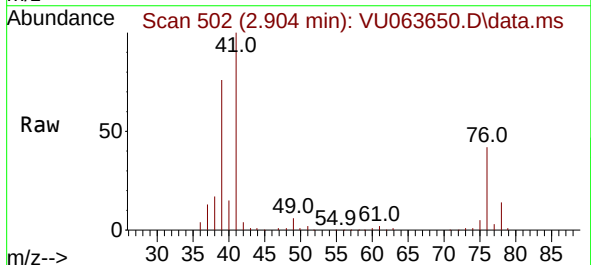
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC100

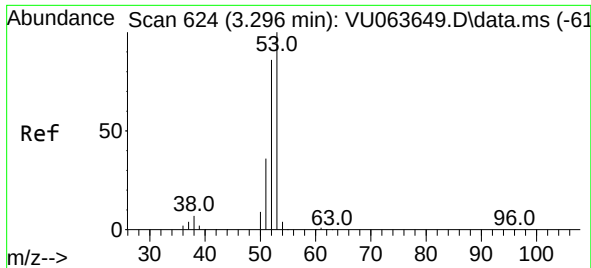
Tgt Ion: 56 Resp: 35142
Ion Ratio Lower Upper
56 100
55 72.3 62.1 93.1



#14
Allyl chloride
Concen: 96.194 ug/l
RT: 2.904 min Scan# 502
Delta R.T. -0.003 min
Lab File: VU063650.D
Acq: 25 Sep 2025 18:45

Tgt Ion: 41 Resp: 242946
Ion Ratio Lower Upper
41 100
39 65.5 53.5 80.3
76 34.4 26.7 40.1

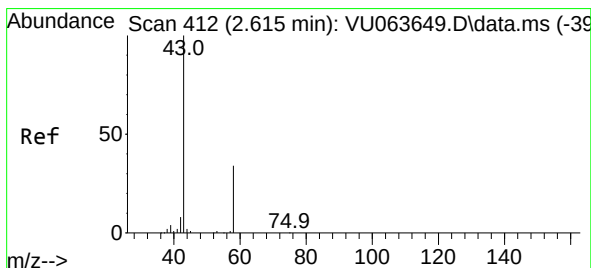
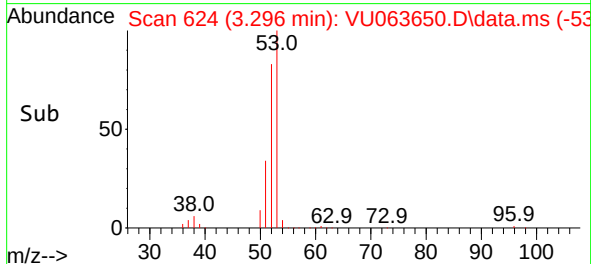
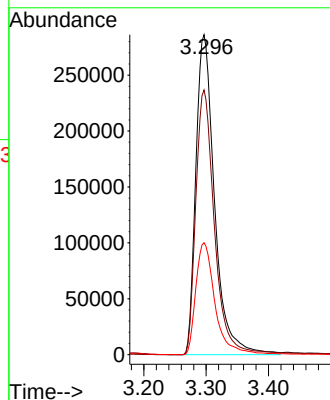
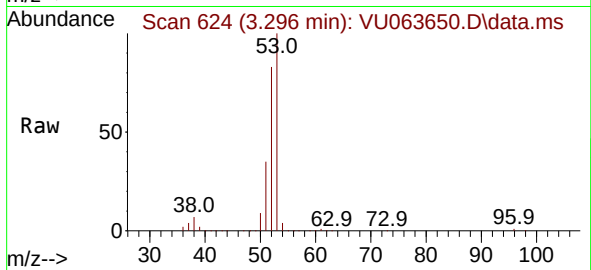




#15
Acrylonitrile
Concen: 495.491 ug/l
RT: 3.296 min Scan# 615
Delta R.T. -0.000 min
Lab File: VU063650.D
Acq: 25 Sep 2025 18:45

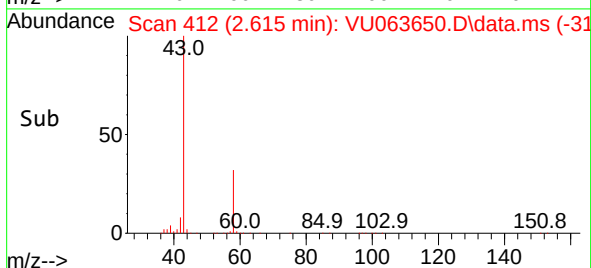
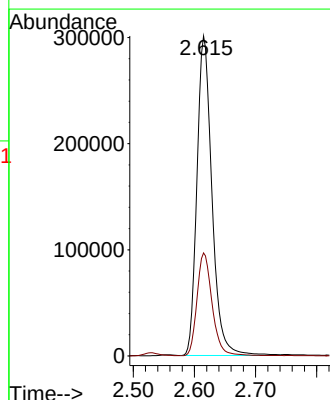
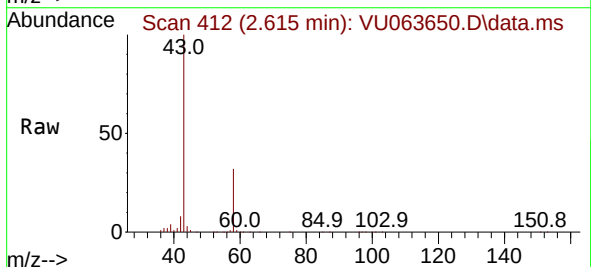
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC100

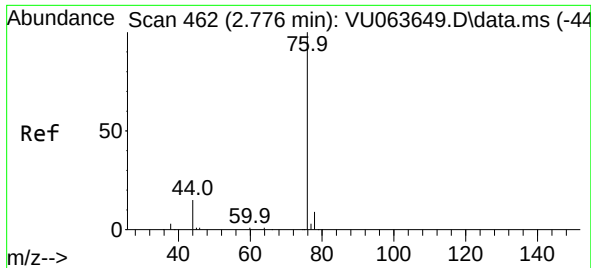
Tgt Ion: 53 Resp: 597418
Ion Ratio Lower Upper
53 100
52 82.9 66.6 99.8
51 36.0 28.9 43.3



#16
Acetone
Concen: 494.361 ug/l
RT: 2.615 min Scan# 412
Delta R.T. -0.000 min
Lab File: VU063650.D
Acq: 25 Sep 2025 18:45

Tgt Ion: 43 Resp: 514238
Ion Ratio Lower Upper
43 100
58 32.1 26.9 40.3

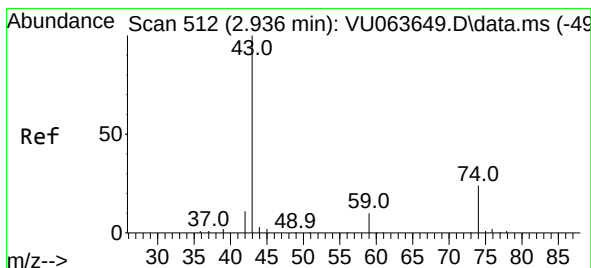
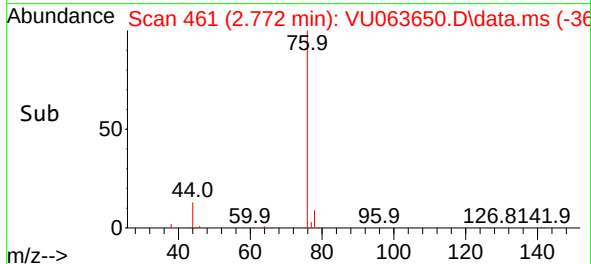
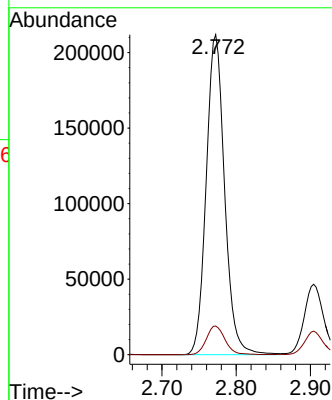
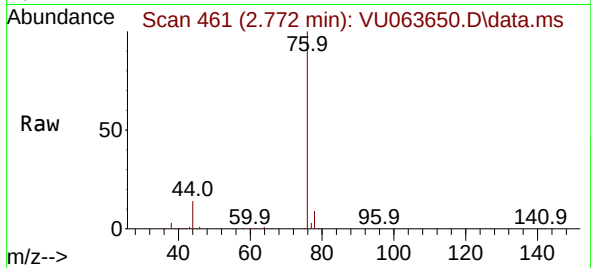




#17
Carbon Disulfide
Concen: 104.342 ug/l
RT: 2.772 min Scan# 461
Delta R.T. -0.003 min
Lab File: VU063650.D
Acq: 25 Sep 2025 18:45

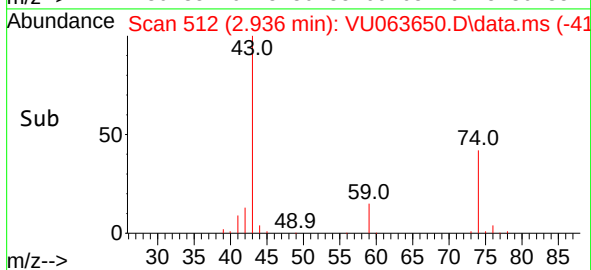
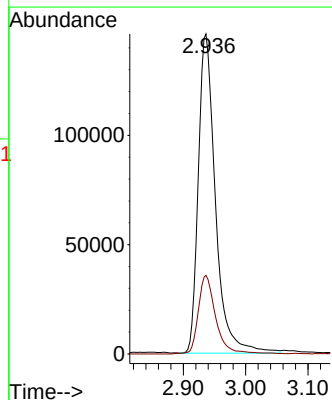
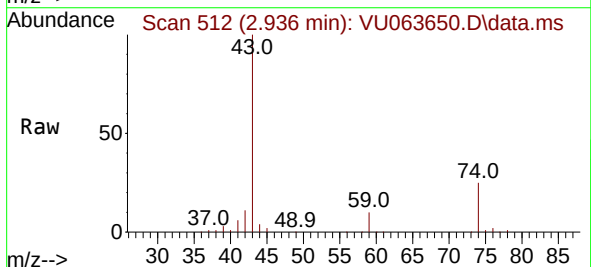
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

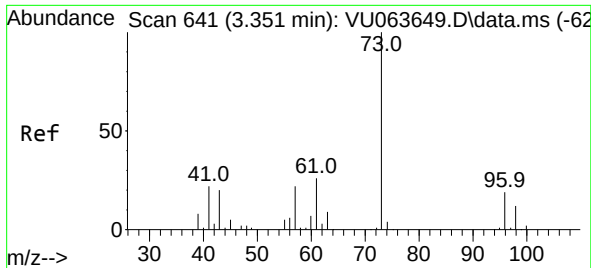
Tgt Ion: 76 Resp: 363478
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 98.895 ug/l
RT: 2.936 min Scan# 512
Delta R.T. -0.000 min
Lab File: VU063650.D
Acq: 25 Sep 2025 18:45

Tgt Ion: 43 Resp: 279472
Ion Ratio Lower Upper
43 100
74 24.8 20.1 30.1

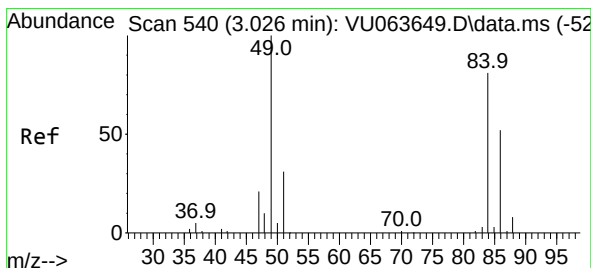
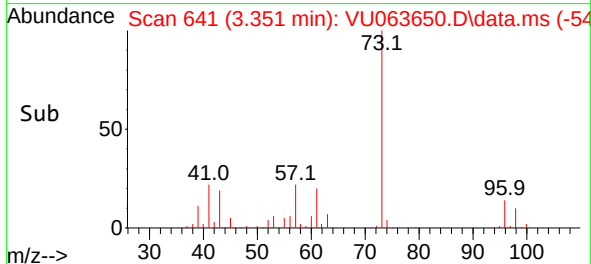
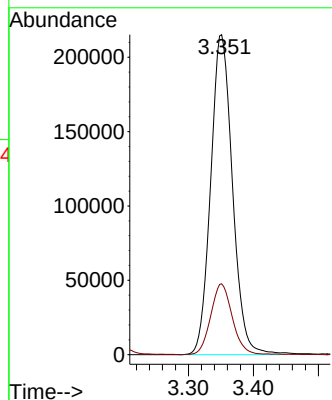
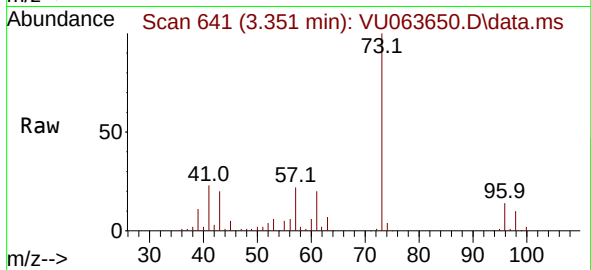




#19
Methyl tert-butyl Ether
Concen: 95.167 ug/l
RT: 3.351 min Scan# 641
Delta R.T. 0.000 min
Lab File: VU063650.D
Acq: 25 Sep 2025 18:45

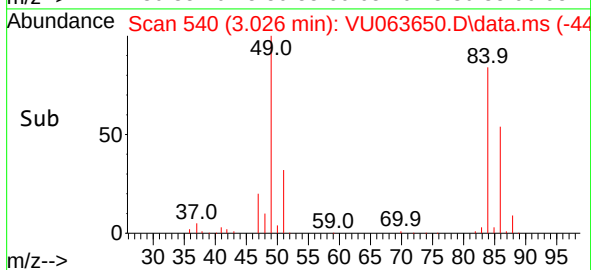
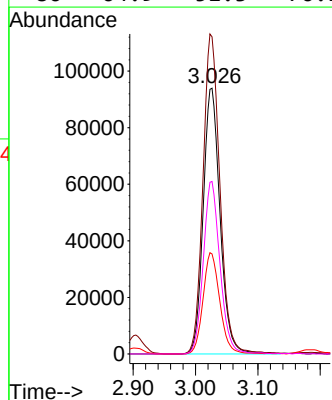
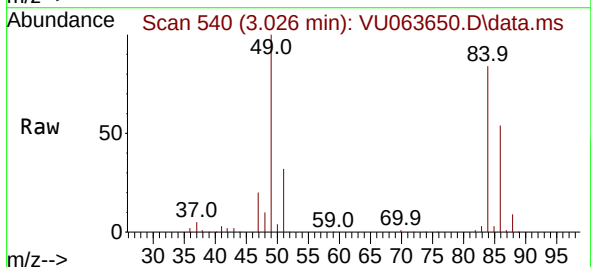
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

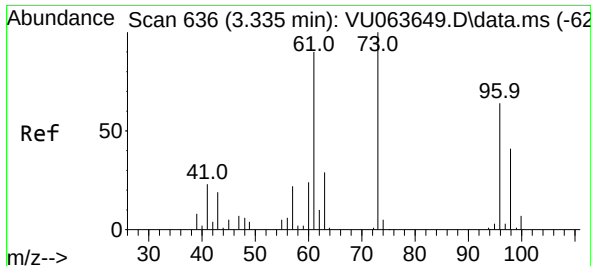
Tgt Ion: 73 Resp: 500449
Ion Ratio Lower Upper
73 100
57 22.2 17.6 26.4



#20
Methylene Chloride
Concen: 97.589 ug/l
RT: 3.026 min Scan# 540
Delta R.T. 0.000 min
Lab File: VU063650.D
Acq: 25 Sep 2025 18:45

Tgt Ion: 84 Resp: 176931
Ion Ratio Lower Upper
84 100
49 119.3 98.4 147.6
51 37.6 30.7 46.1
86 64.9 51.3 76.9

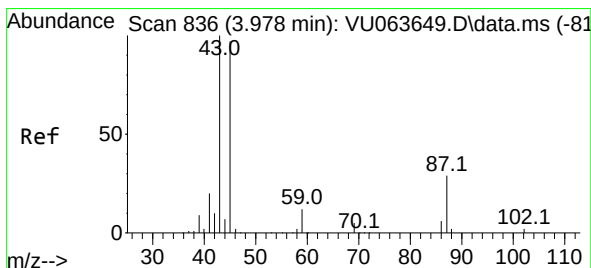
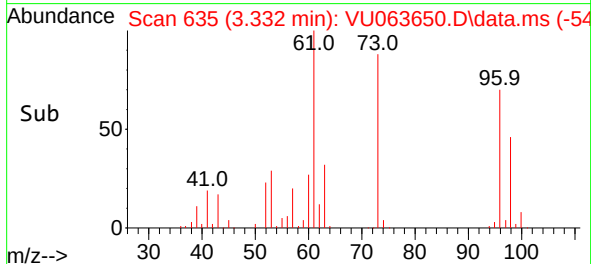
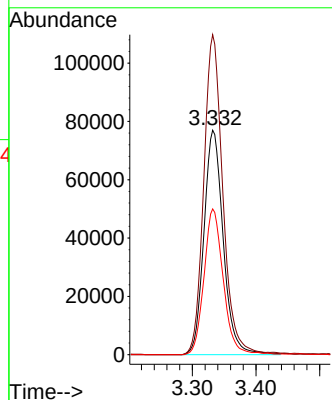
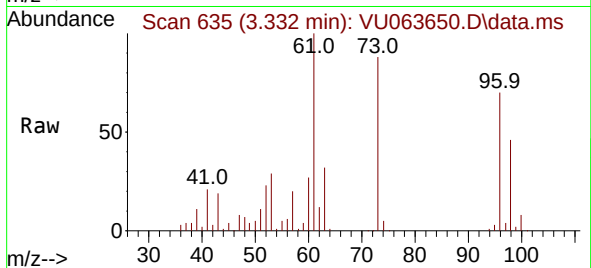




#21
trans-1,2-Dichloroethene
Concen: 96.965 ug/l
RT: 3.332 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU063650.D
Acq: 25 Sep 2025 18:45

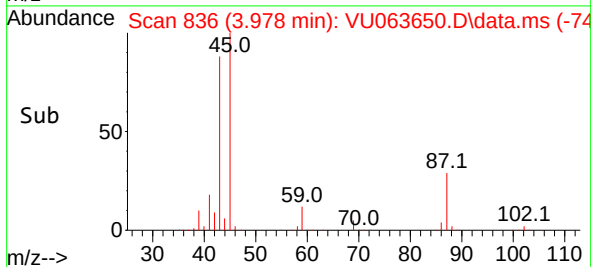
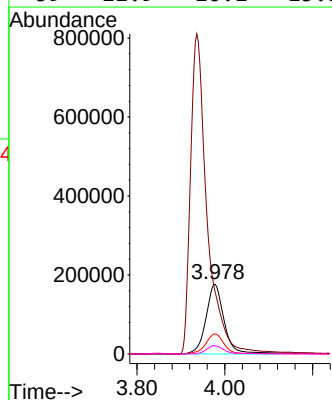
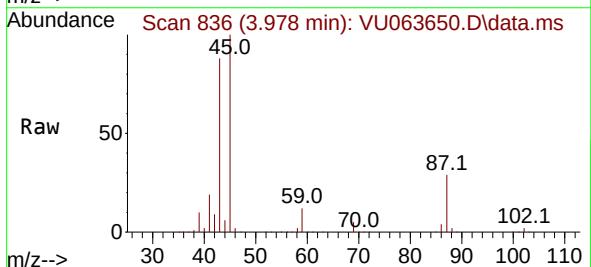
Instrument :
MSVOA_U
ClientSampleId :
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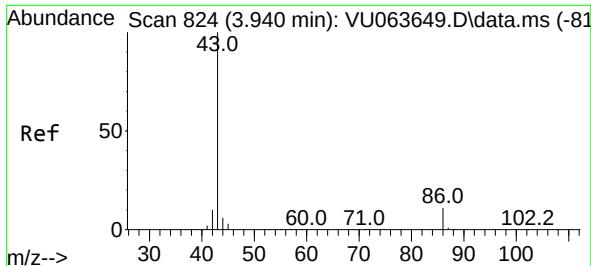
Tgt Ion: 96 Resp: 162438
Ion Ratio Lower Upper
96 100
61 142.5 111.3 166.9
98 64.9 50.5 75.7



#22
Diisopropyl ether
Concen: 97.129 ug/l
RT: 3.978 min Scan# 836
Delta R.T. 0.000 min
Lab File: VU063650.D
Acq: 25 Sep 2025 18:45

Tgt Ion: 45 Resp: 504788
Ion Ratio Lower Upper
45 100
43 88.4 82.1 123.1
87 28.8 23.8 35.6
59 11.9 10.1 15.1

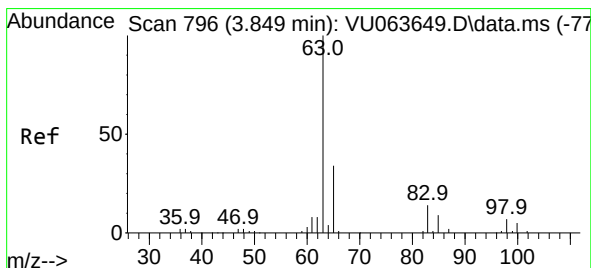
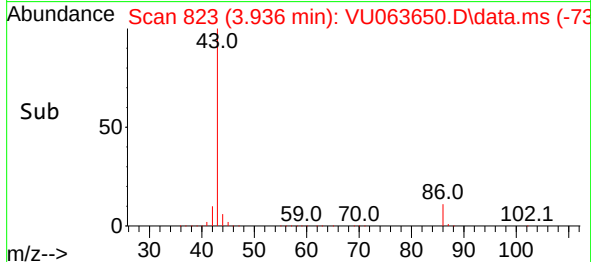
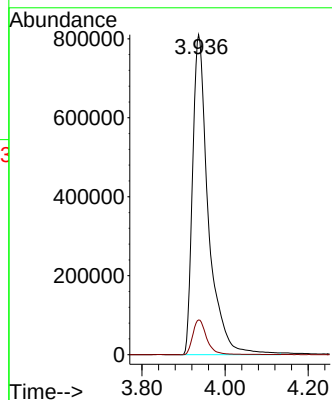
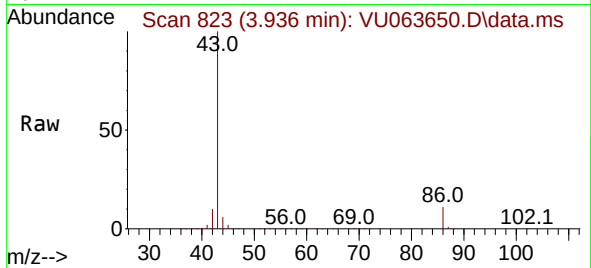




#23
 Vinyl Acetate
 Concen: 563.031 ug/l
 RT: 3.936 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU063650.D
 Acq: 25 Sep 2025 18:45

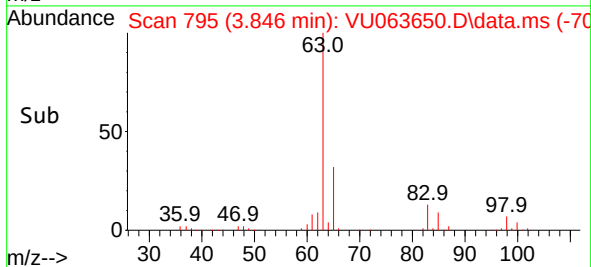
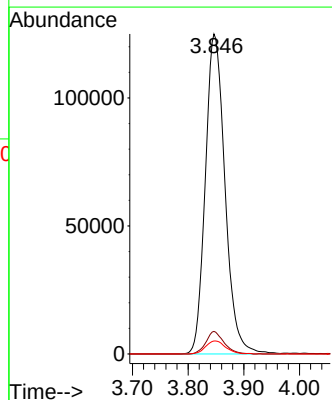
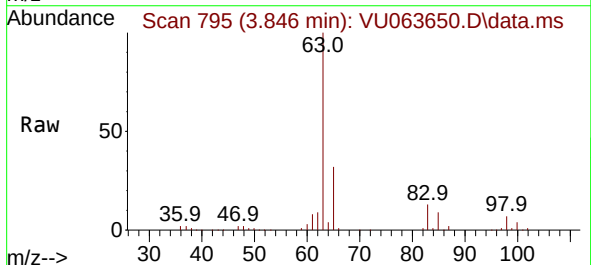
Instrument :
 MSVOA_U
 ClientSampleId :
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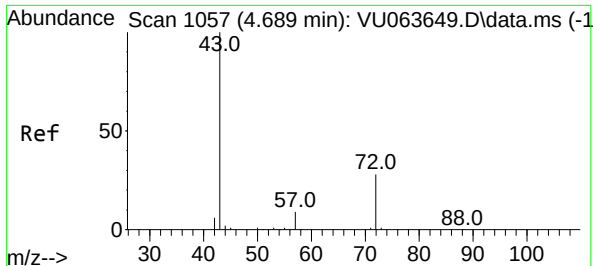
Tgt Ion: 43 Resp: 2135069
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 94.050 ug/l
 RT: 3.846 min Scan# 795
 Delta R.T. -0.003 min
 Lab File: VU063650.D
 Acq: 25 Sep 2025 18:45

Tgt Ion: 63 Resp: 306821
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.3 9.9
 100 4.1 2.4 7.1

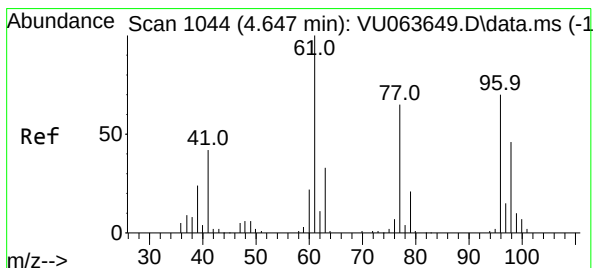
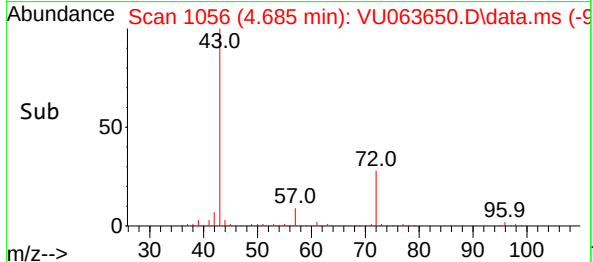
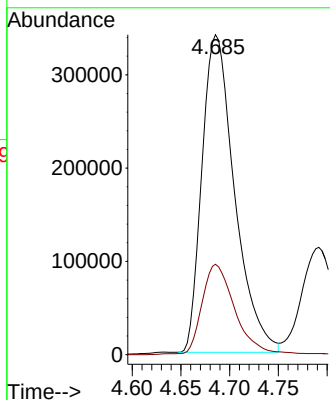
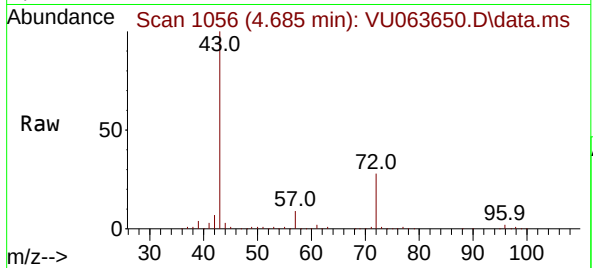




#25
2-Butanone
Concen: 519.968 ug/l
RT: 4.685 min Scan# 1056
Delta R.T. -0.003 min
Lab File: VU063650.D
Acq: 25 Sep 2025 18:45

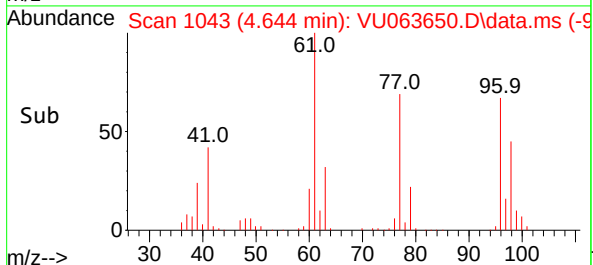
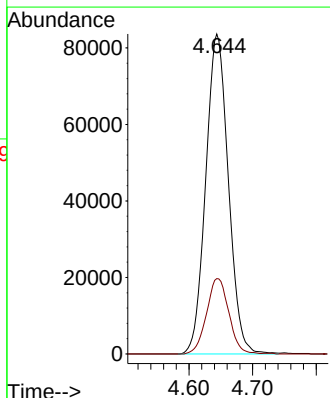
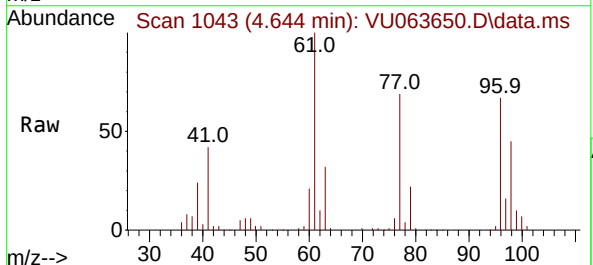
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

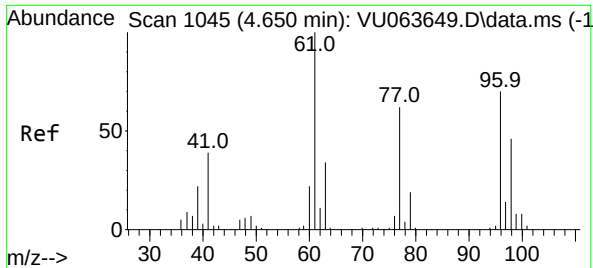
Tgt Ion: 43 Resp: 792861
Ion Ratio Lower Upper
43 100
72 28.1 22.2 33.2



#26
2,2-Dichloropropane
Concen: 99.004 ug/l
RT: 4.644 min Scan# 1043
Delta R.T. -0.003 min
Lab File: VU063650.D
Acq: 25 Sep 2025 18:45

Tgt Ion: 77 Resp: 206519
Ion Ratio Lower Upper
77 100
97 23.2 11.6 34.8

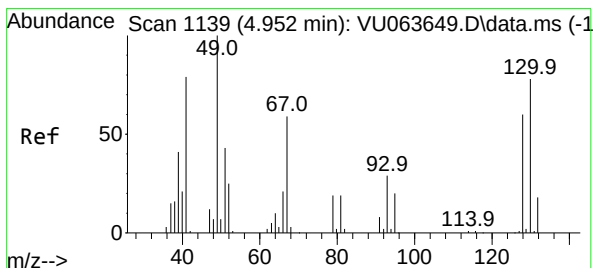
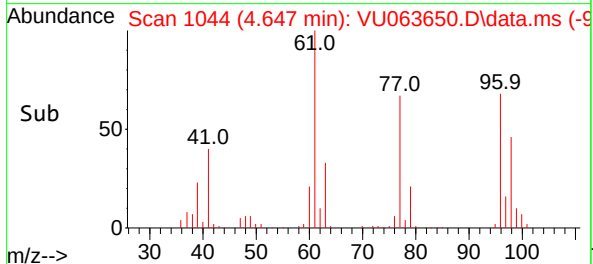
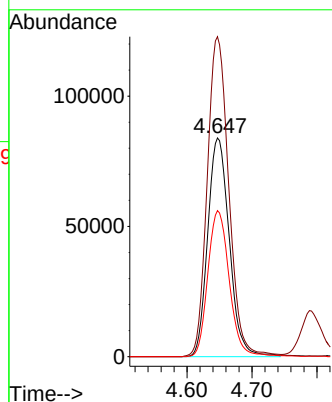
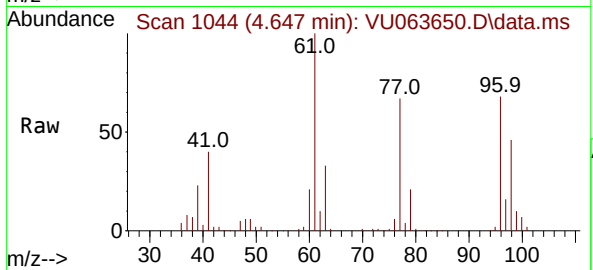




#27
 cis-1,2-Dichloroethene
 Concen: 92.944 ug/l
 RT: 4.647 min Scan# 1044
 Delta R.T. -0.003 min
 Lab File: VU063650.D
 Acq: 25 Sep 2025 18:45

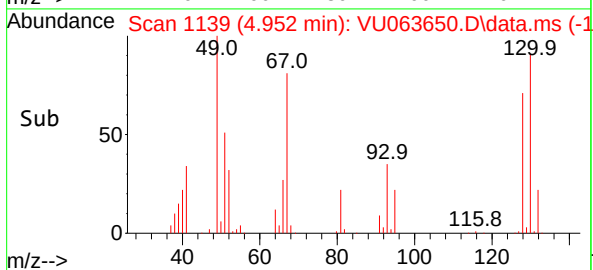
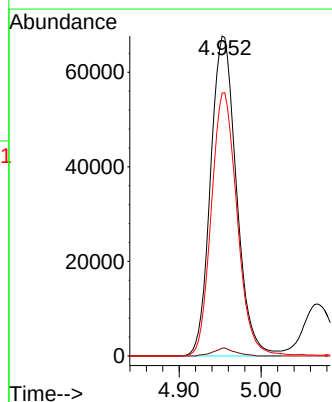
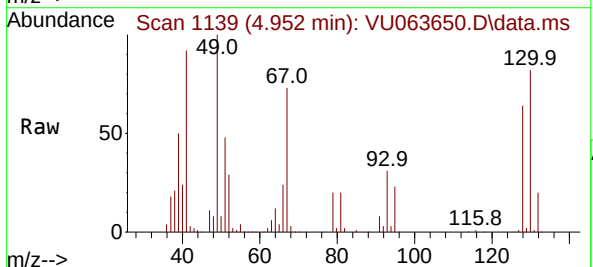
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

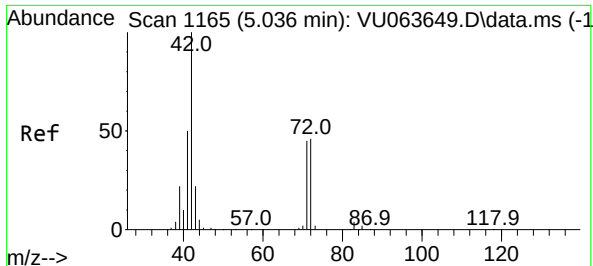
Tgt Ion: 96 Resp: 193955
 Ion Ratio Lower Upper
 96 100
 61 146.4 0.0 295.0
 98 66.6 0.0 130.8



#28
 Bromochloromethane
 Concen: 105.041 ug/l
 RT: 4.952 min Scan# 1139
 Delta R.T. -0.000 min
 Lab File: VU063650.D
 Acq: 25 Sep 2025 18:45

Tgt Ion: 49 Resp: 148384
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.4
 130 81.9 64.6 96.8





#29

Tetrahydrofuran

Concen: 499.169 ug/l

RT: 5.033 min Scan# 1164

Delta R.T. -0.003 min

Lab File: VU063650.D

Acq: 25 Sep 2025 18:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

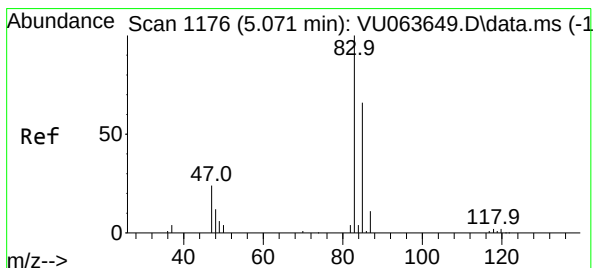
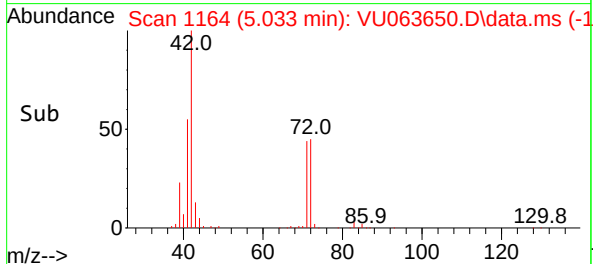
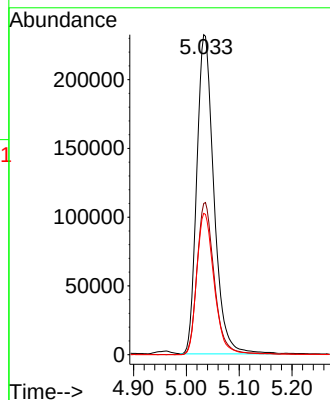
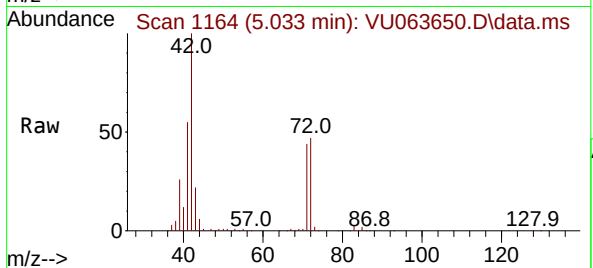
Tgt Ion: 42 Resp: 522697

Ion Ratio Lower Upper

42 100

72 47.8 37.9 56.9

71 45.0 36.0 54.0



#30

Chloroform

Concen: 93.581 ug/l

RT: 5.068 min Scan# 1175

Delta R.T. -0.003 min

Lab File: VU063650.D

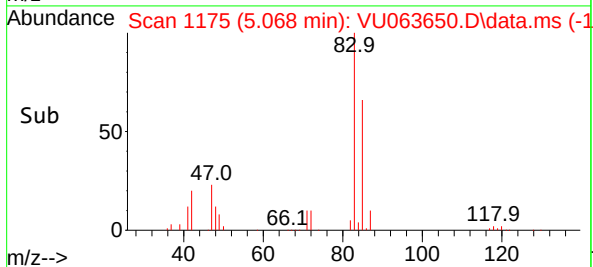
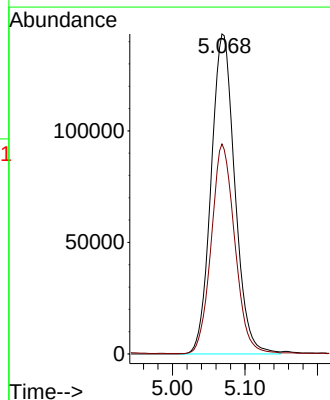
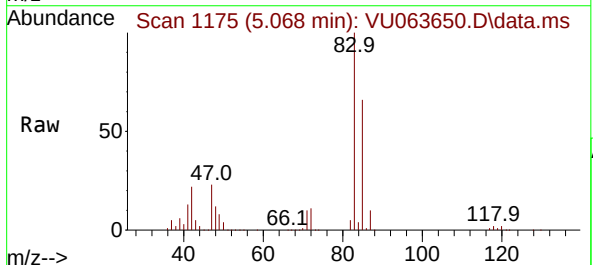
Acq: 25 Sep 2025 18:45

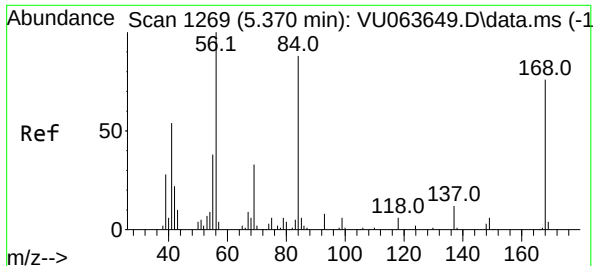
Tgt Ion: 83 Resp: 326171

Ion Ratio Lower Upper

83 100

85 65.5 52.8 79.2

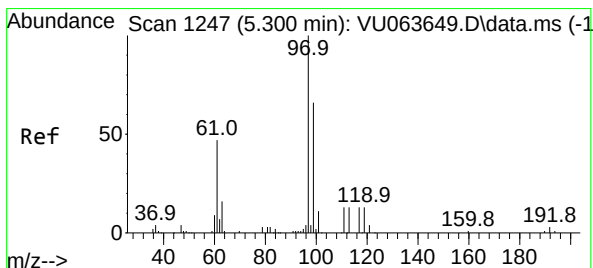
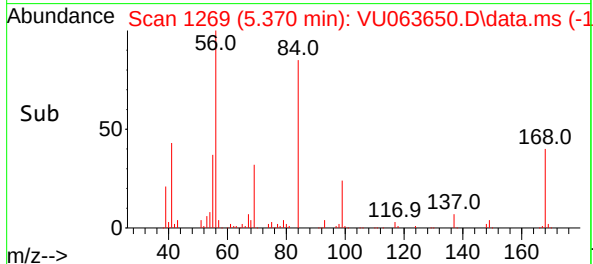
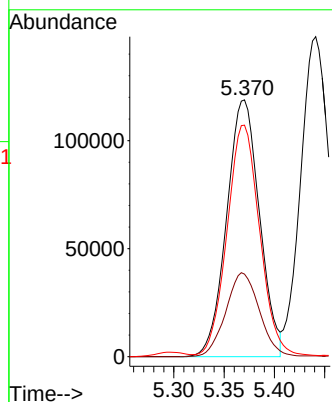
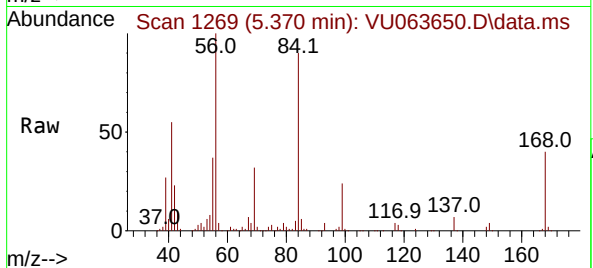




#31
Cyclohexane
Concen: 91.281 ug/l
RT: 5.370 min Scan# 1269
Delta R.T. 0.000 min
Lab File: VU063650.D
Acq: 25 Sep 2025 18:45

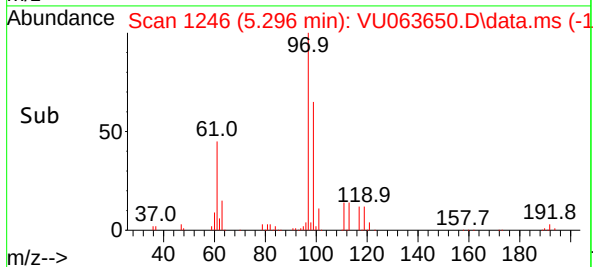
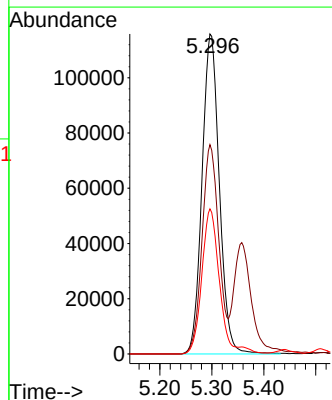
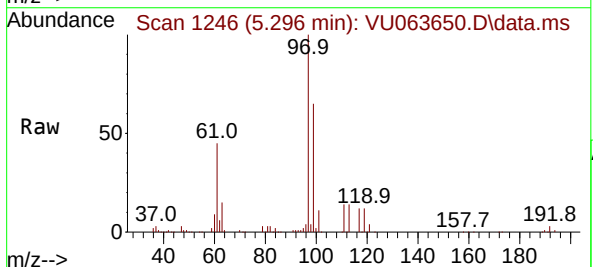
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC100

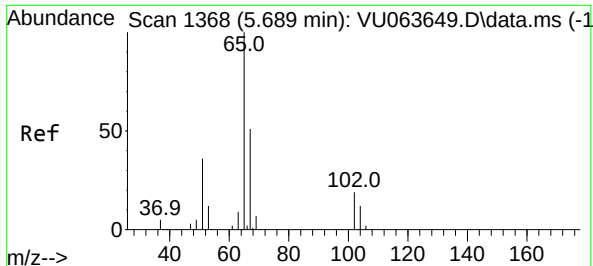
Tgt Ion: 56 Resp: 269993
Ion Ratio Lower Upper
56 100
69 32.1 26.1 39.1
84 88.6 70.7 106.1



#32
1,1,1-Trichloroethane
Concen: 98.142 ug/l
RT: 5.296 min Scan# 1246
Delta R.T. -0.004 min
Lab File: VU063650.D
Acq: 25 Sep 2025 18:45

Tgt Ion: 97 Resp: 267951
Ion Ratio Lower Upper
97 100
99 63.5 49.9 74.9
61 45.1 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 97.455 ug/l

RT: 5.685 min Scan# 1

Delta R.T. -0.004 min

Lab File: VU063650.D

Acq: 25 Sep 2025 18:45

Instrument :

MSVOA_U

ClientSampleId :

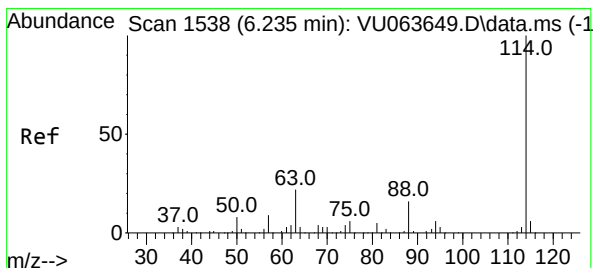
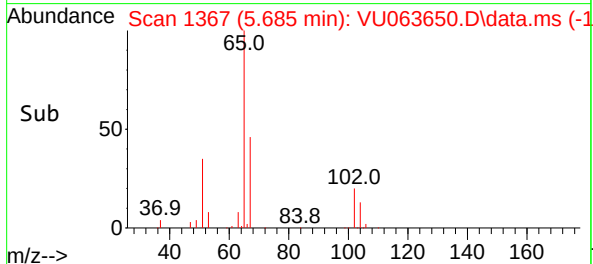
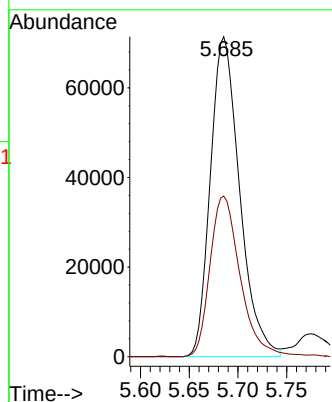
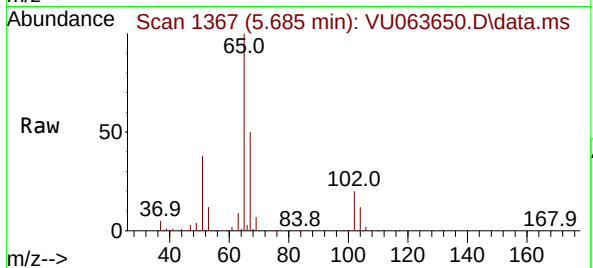
VSTDICC100

Tgt Ion: 65 Resp: 149300

Ion Ratio Lower Upper

65 100

67 51.9 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: VU063650.D

Acq: 25 Sep 2025 18:45

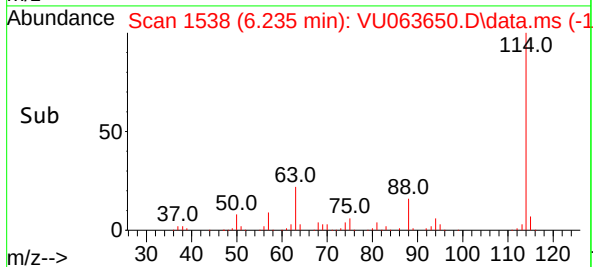
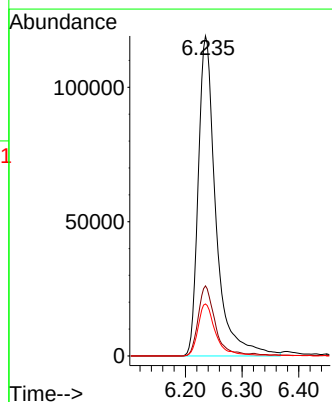
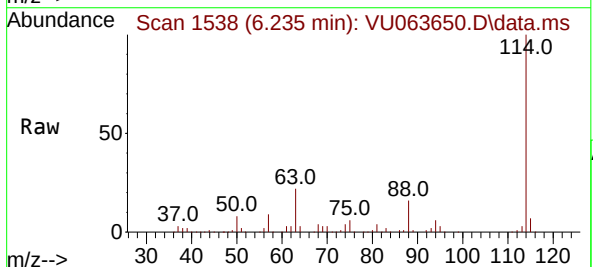
Tgt Ion: 114 Resp: 257550

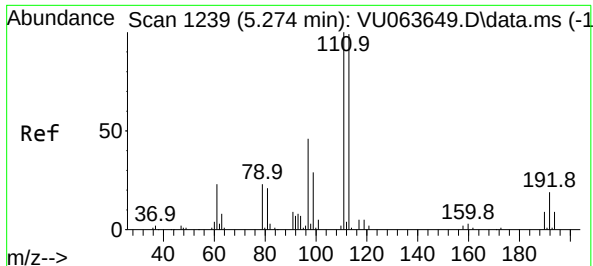
Ion Ratio Lower Upper

114 100

63 21.9 0.0 43.4

88 16.3 0.0 31.0





#35

Dibromofluoromethane

Concen: 92.431 ug/l

RT: 5.274 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063650.D

Acq: 25 Sep 2025 18:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

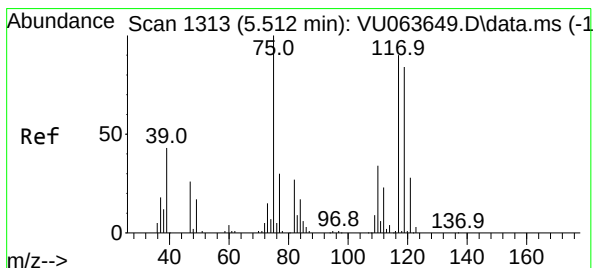
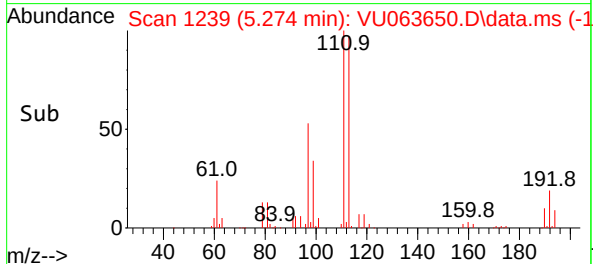
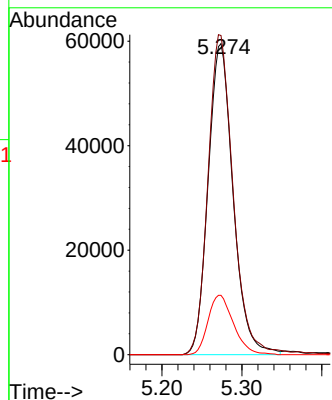
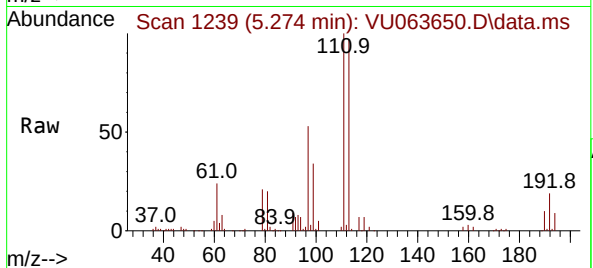
Tgt Ion:113 Resp: 128918

Ion Ratio Lower Upper

113 100

111 103.6 80.3 120.5

192 19.5 14.6 21.8



#36

1,1-Dichloropropene

Concen: 100.787 ug/l

RT: 5.509 min Scan# 1312

Delta R.T. -0.003 min

Lab File: VU063650.D

Acq: 25 Sep 2025 18:45

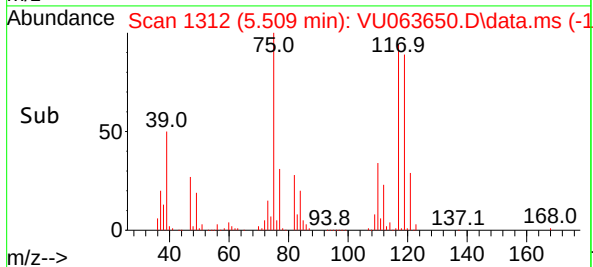
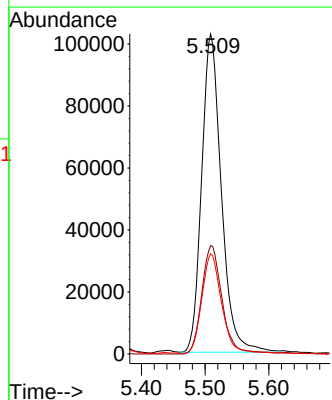
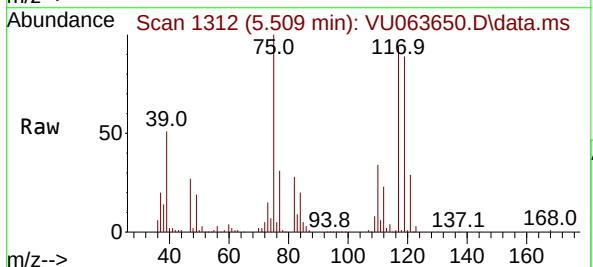
Tgt Ion: 75 Resp: 220481

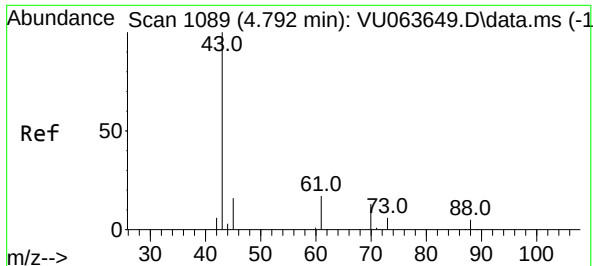
Ion Ratio Lower Upper

75 100

110 35.2 17.0 50.9

77 31.2 23.8 35.8





#37

Ethyl Acetate

Concen: 93.811 ug/l

RT: 4.792 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VU063650.D

Acq: 25 Sep 2025 18:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC100

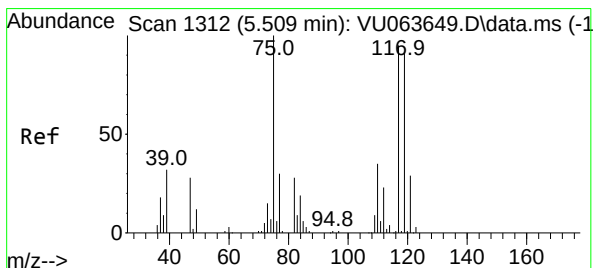
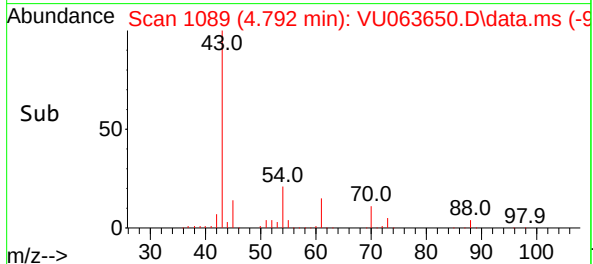
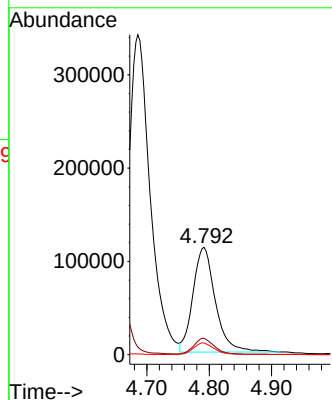
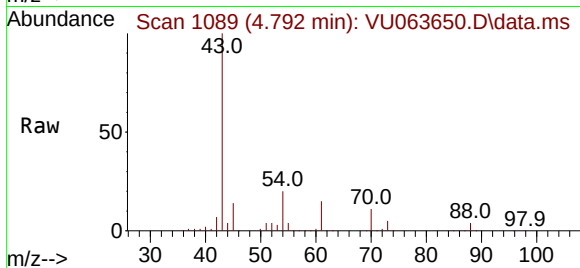
Tgt Ion: 43 Resp: 280505

Ion Ratio Lower Upper

43 100

61 14.0 9.7 14.5

70 10.3 8.0 12.0



#38

Carbon Tetrachloride

Concen: 104.142 ug/l

RT: 5.505 min Scan# 1311

Delta R.T. -0.003 min

Lab File: VU063650.D

Acq: 25 Sep 2025 18:45

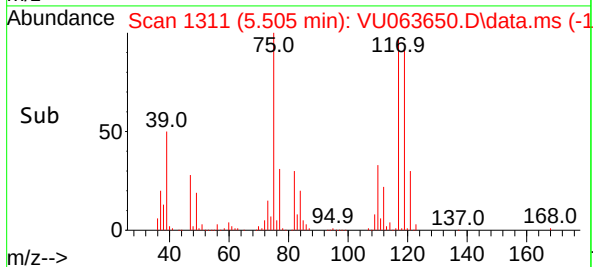
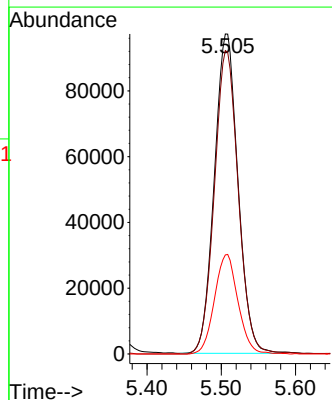
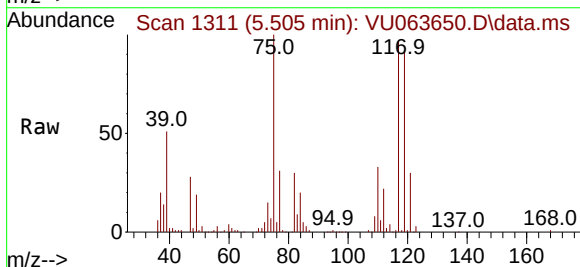
Tgt Ion: 117 Resp: 214959

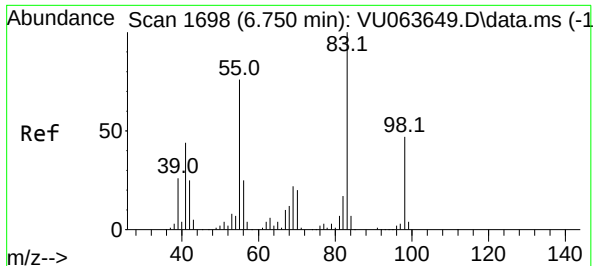
Ion Ratio Lower Upper

117 100

119 95.0 77.0 115.4

121 31.0 24.8 37.2





#39

Methylcyclohexane

Concen: 102.810 ug/l

RT: 6.746 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU063650.D

Acq: 25 Sep 2025 18:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC100

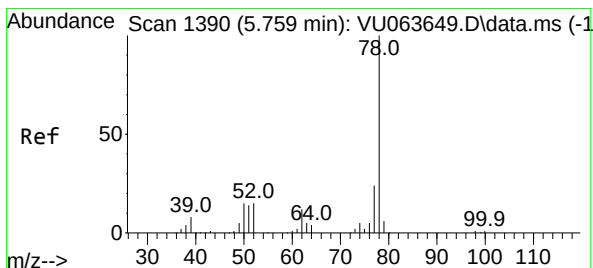
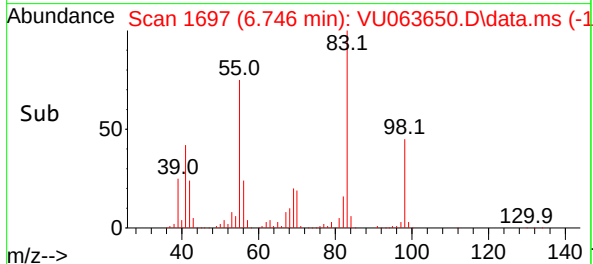
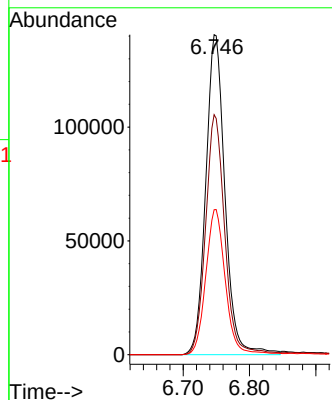
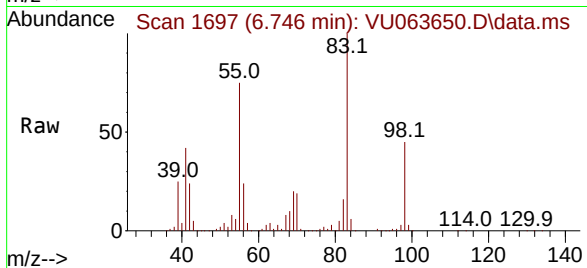
Tgt Ion: 83 Resp: 282787

Ion Ratio Lower Upper

83 100

55 75.0 60.5 90.7

98 45.3 37.5 56.3



#40

Benzene

Concen: 98.214 ug/l

RT: 5.756 min Scan# 1389

Delta R.T. -0.003 min

Lab File: VU063650.D

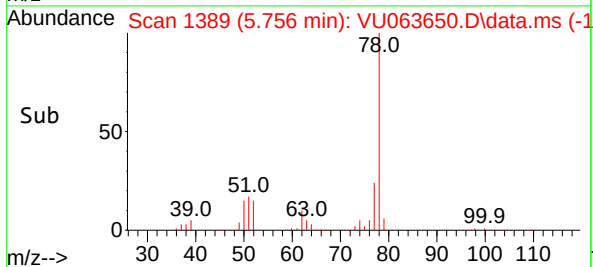
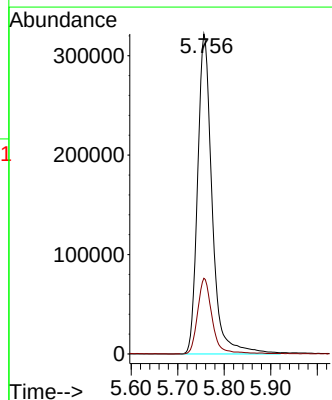
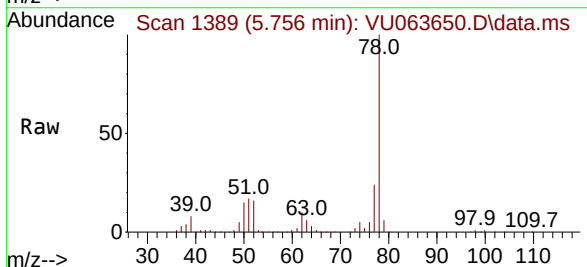
Acq: 25 Sep 2025 18:45

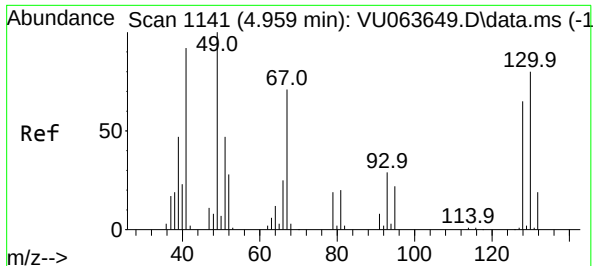
Tgt Ion: 78 Resp: 697347

Ion Ratio Lower Upper

78 100

77 23.6 19.4 29.2



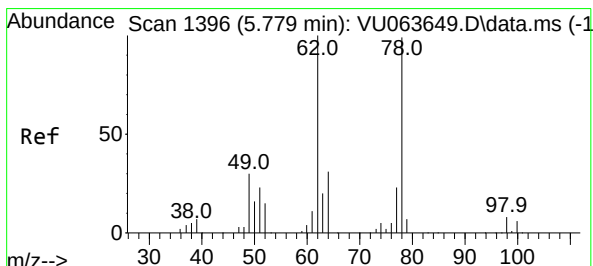
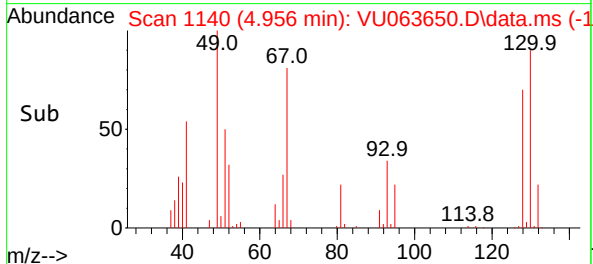
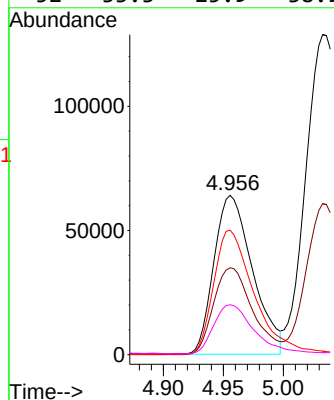
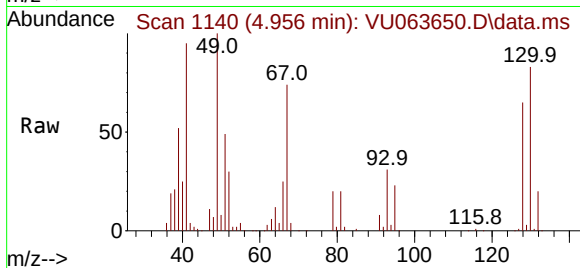


#41
Methacrylonitrile
Concen: 111.000 ug/l
RT: 4.956 min Scan# 1140
Delta R.T. -0.003 min
Lab File: VU063650.D
Acq: 25 Sep 2025 18:45

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

Tgt Ion: 41 Resp: 143402

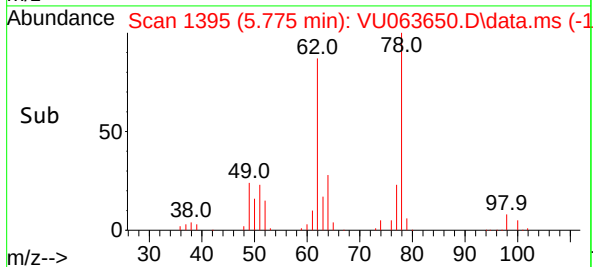
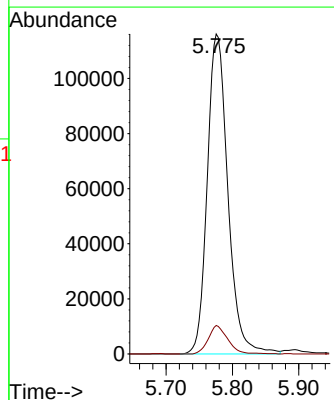
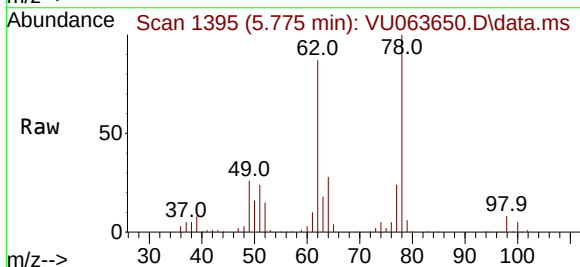
Ion	Ratio	Lower	Upper
41	100		
39	54.5	42.1	63.1
67	83.6	66.3	99.5
52	33.3	25.9	38.9

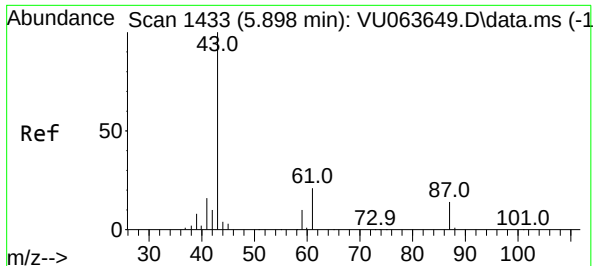


#42
1,2-Dichloroethane
Concen: 96.708 ug/l
RT: 5.775 min Scan# 1395
Delta R.T. -0.003 min
Lab File: VU063650.D
Acq: 25 Sep 2025 18:45

Tgt Ion: 62 Resp: 250926

Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.2

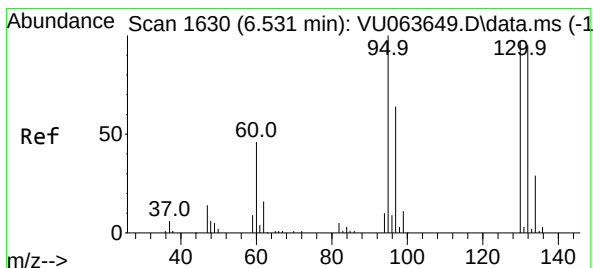
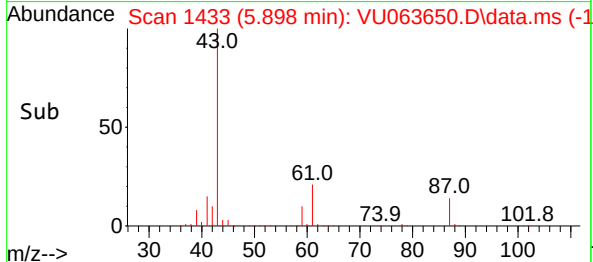
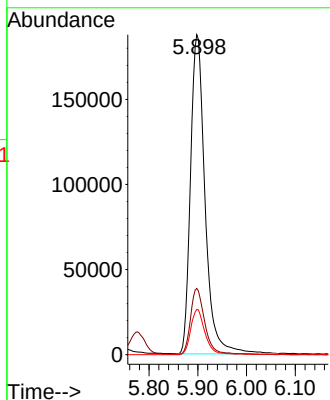
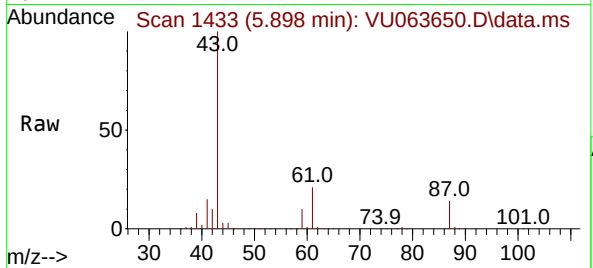




#43
Isopropyl Acetate
Concen: 105.035 ug/l
RT: 5.898 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VU063650.D
Acq: 25 Sep 2025 18:45

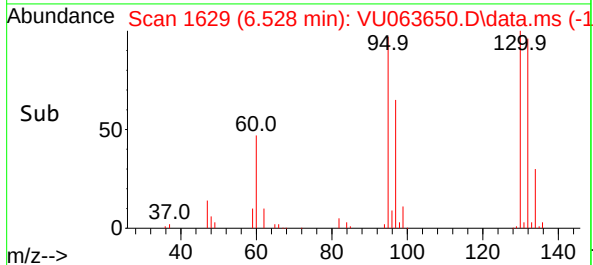
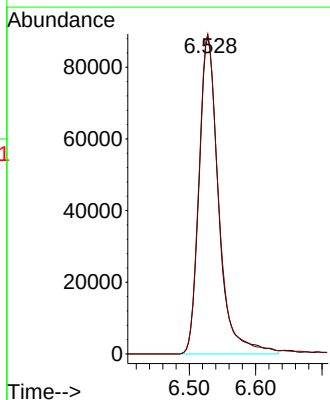
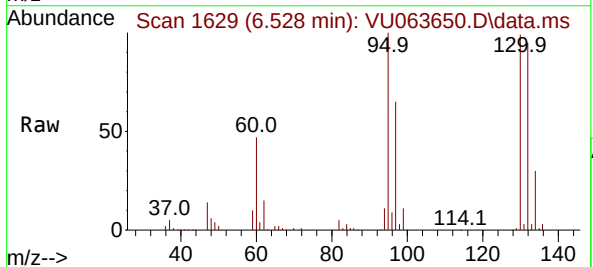
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

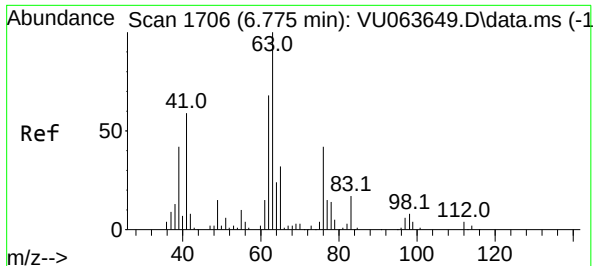
Tgt Ion: 43 Resp: 389613
Ion Ratio Lower Upper
43 100
61 20.2 16.9 25.3
87 13.8 10.8 16.2



#44
Trichloroethene
Concen: 98.283 ug/l
RT: 6.528 min Scan# 1629
Delta R.T. -0.003 min
Lab File: VU063650.D
Acq: 25 Sep 2025 18:45

Tgt Ion: 130 Resp: 181074
Ion Ratio Lower Upper
130 100
95 101.0 0.0 206.6





#45

1,2-Dichloropropane

Concen: 99.478 ug/l

RT: 6.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU063650.D

Acq: 25 Sep 2025 18:45

Instrument :

MSVOA_U

ClientSampleId :

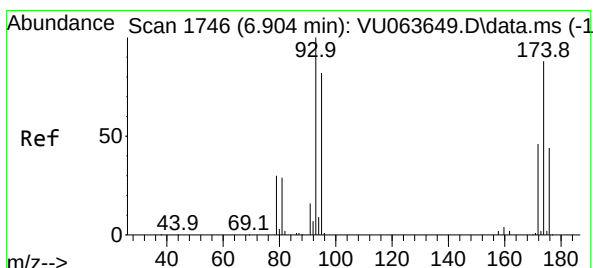
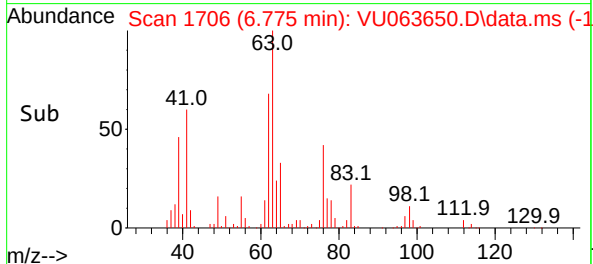
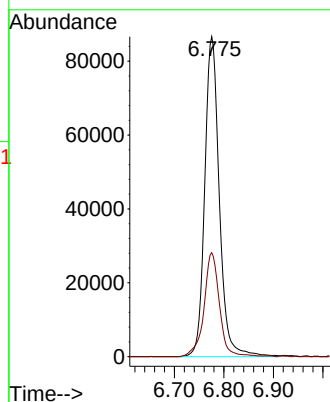
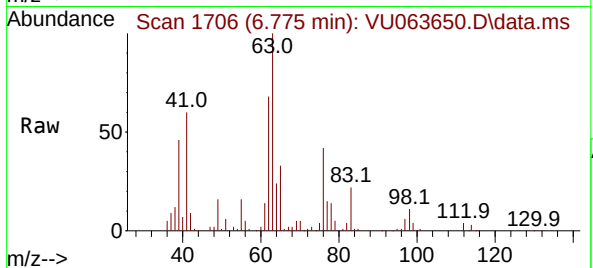
VSTDICC100

Tgt Ion: 63 Resp: 177509

Ion Ratio Lower Upper

63 100

65 32.4 25.3 37.9



#46

Dibromomethane

Concen: 98.718 ug/l

RT: 6.904 min Scan# 1746

Delta R.T. -0.000 min

Lab File: VU063650.D

Acq: 25 Sep 2025 18:45

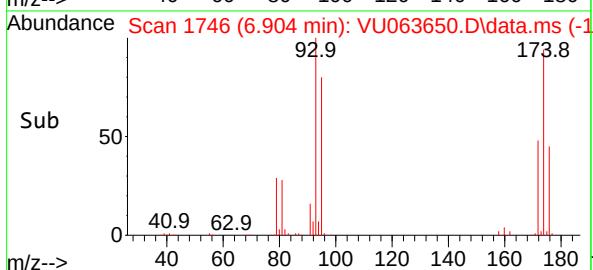
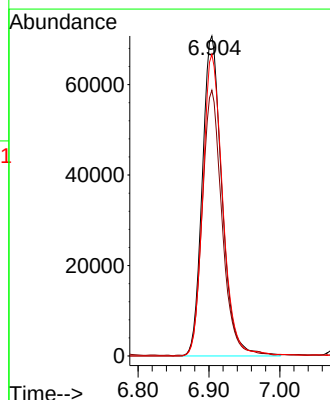
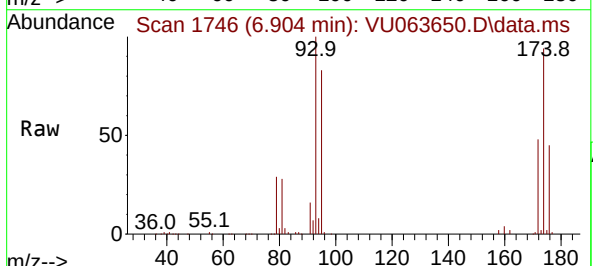
Tgt Ion: 93 Resp: 136682

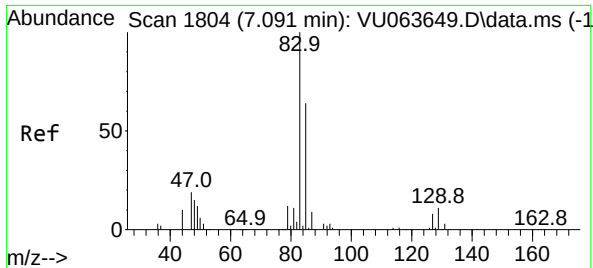
Ion Ratio Lower Upper

93 100

95 83.4 65.6 98.4

174 94.7 72.3 108.5

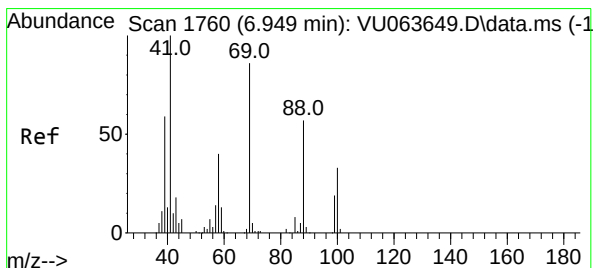
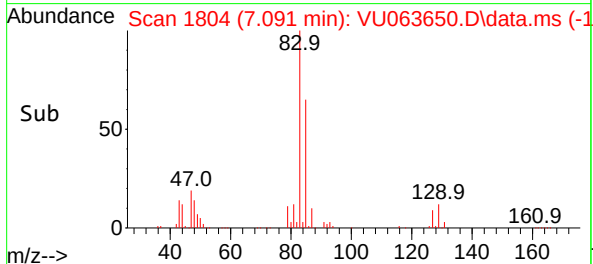
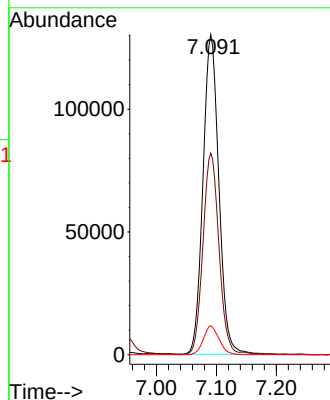
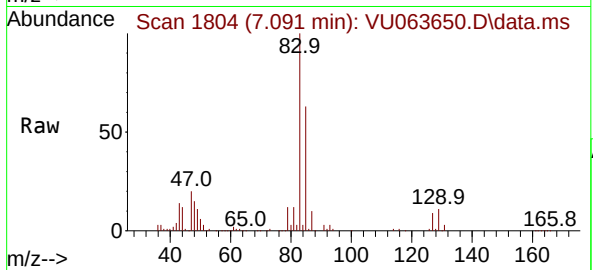




#47
Bromodichloromethane
Concen: 105.907 ug/l
RT: 7.091 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU063650.D
Acq: 25 Sep 2025 18:45

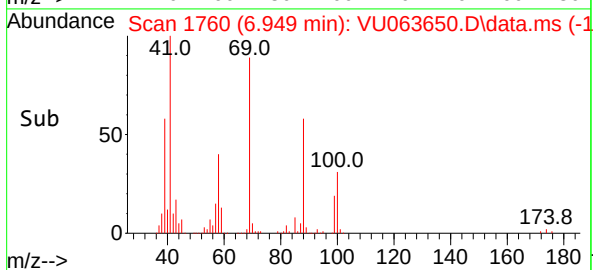
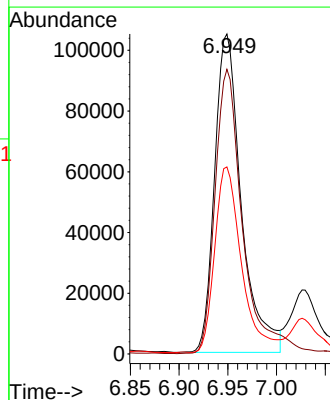
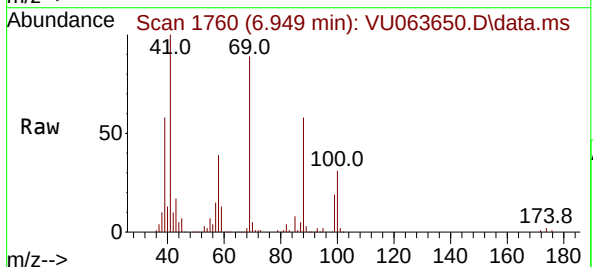
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

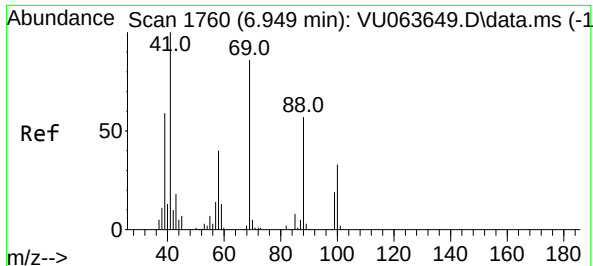
Tgt Ion: 83 Resp: 240295
Ion Ratio Lower Upper
83 100
85 63.1 50.9 76.3
127 9.1 6.6 10.0



#48
Methyl methacrylate
Concen: 100.944 ug/l
RT: 6.949 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VU063650.D
Acq: 25 Sep 2025 18:45

Tgt Ion: 41 Resp: 200237
Ion Ratio Lower Upper
41 100
69 92.6 73.5 110.3
39 58.0 47.8 71.6





#49

1,4-Dioxane

Concen: 2282.625 ug/l

RT: 6.949 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063650.D

Acq: 25 Sep 2025 18:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC100

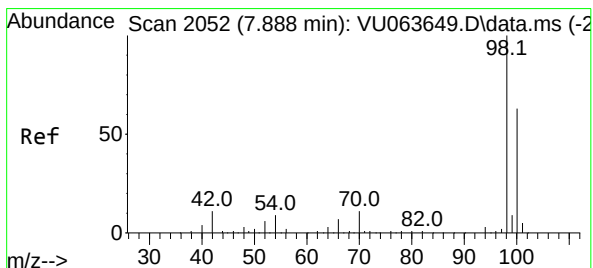
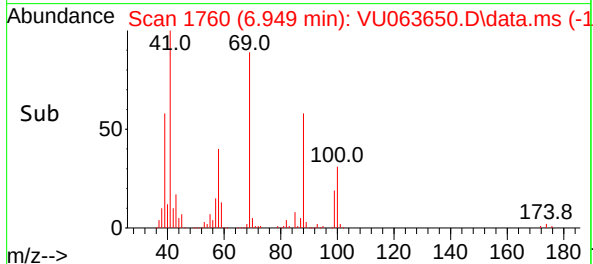
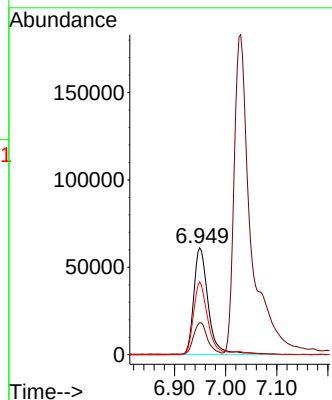
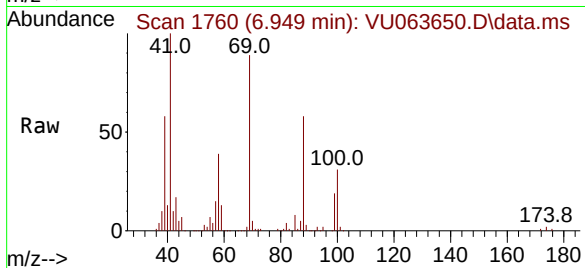
Tgt Ion: 88 Resp: 119261

Ion Ratio Lower Upper

88 100

43 28.6 24.6 37.0

58 67.1 54.4 81.6



#50

Toluene-d8

Concen: 88.989 ug/l

RT: 7.888 min Scan# 2052

Delta R.T. -0.000 min

Lab File: VU063650.D

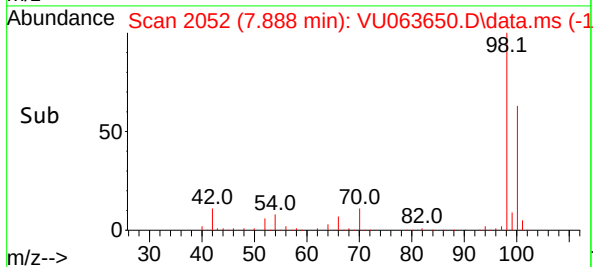
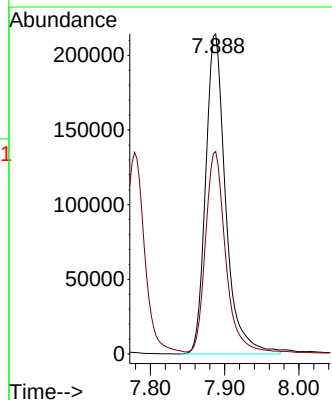
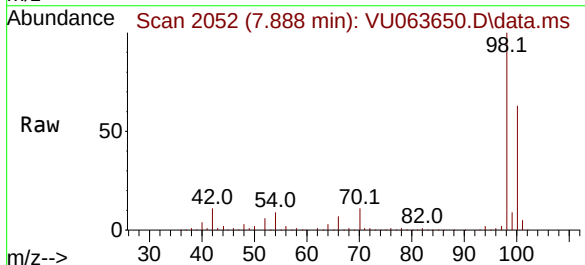
Acq: 25 Sep 2025 18:45

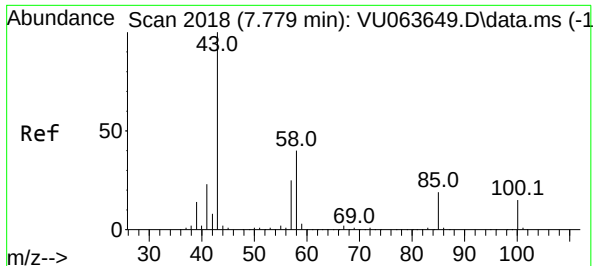
Tgt Ion: 98 Resp: 401683

Ion Ratio Lower Upper

98 100

100 64.2 49.6 74.4





#51

4-Methyl-2-Pentanone

Concen: 526.834 ug/l

RT: 7.779 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VU063650.D

Acq: 25 Sep 2025 18:45

Instrument :

MSVOA_U

ClientSampleId :

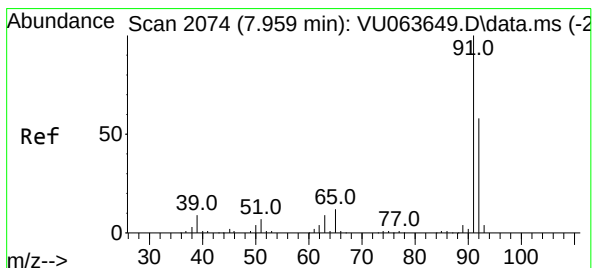
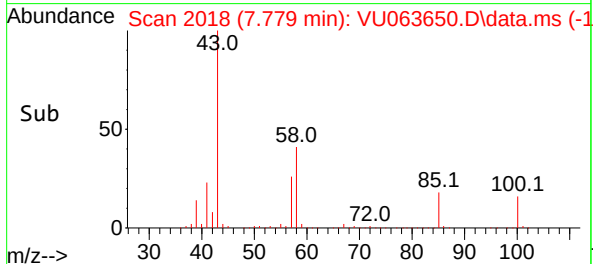
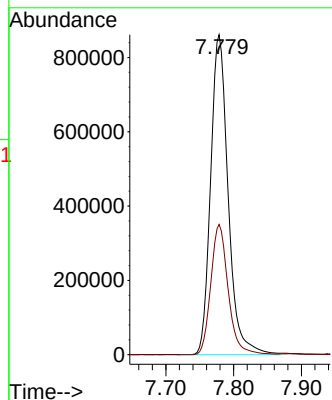
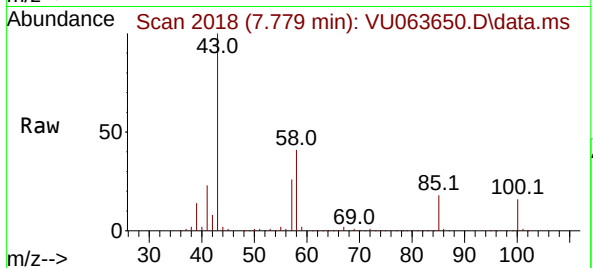
VSTDIC100

Tgt Ion: 43 Resp: 1543653

Ion Ratio Lower Upper

43 100

58 40.4 32.6 48.8



#52

Toluene

Concen: 103.202 ug/l

RT: 7.959 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VU063650.D

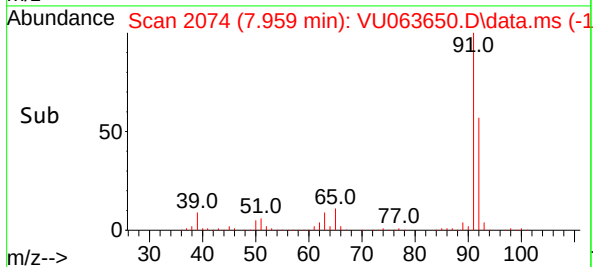
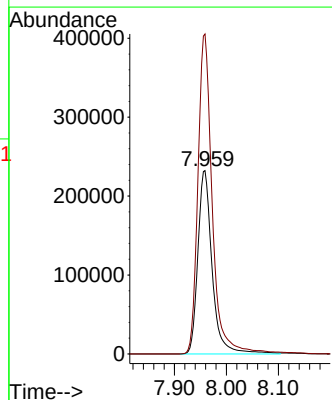
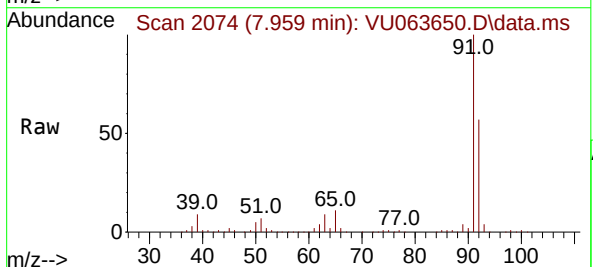
Acq: 25 Sep 2025 18:45

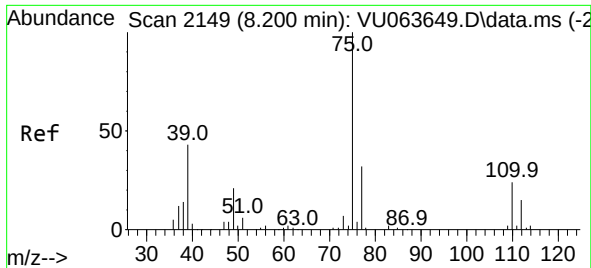
Tgt Ion: 92 Resp: 445080

Ion Ratio Lower Upper

92 100

91 176.1 139.4 209.2

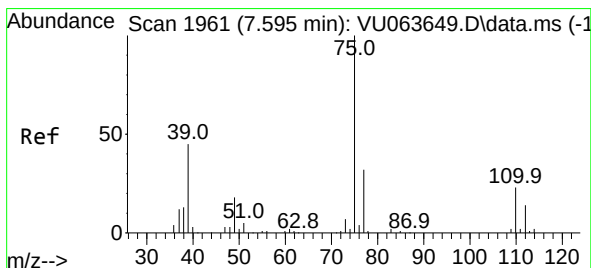
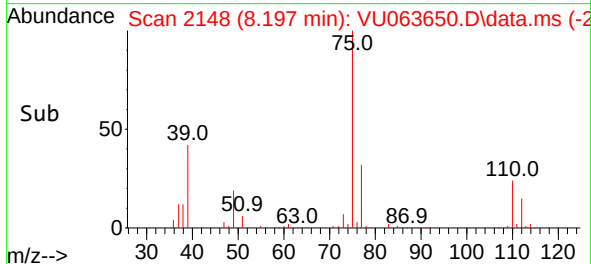
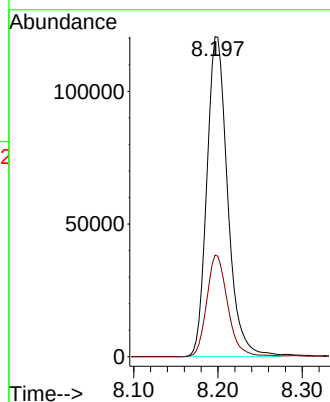
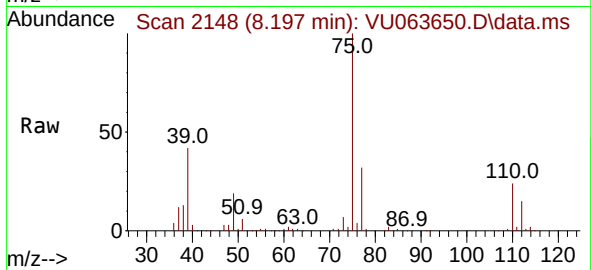




#53
 t-1,3-Dichloropropene
 Concen: 114.730 ug/l
 RT: 8.197 min Scan# 2149
 Delta R.T. -0.003 min
 Lab File: VU063650.D
 Acq: 25 Sep 2025 18:45

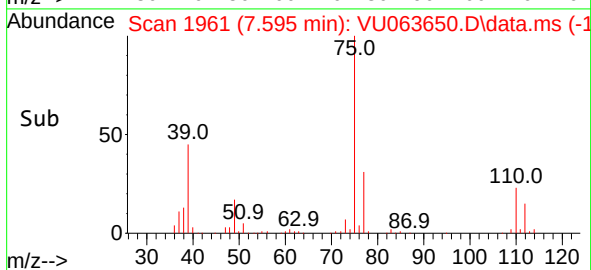
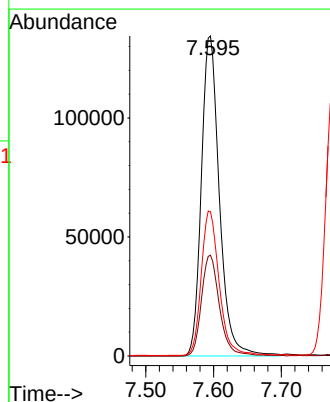
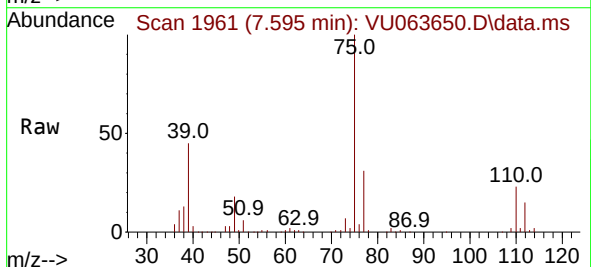
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

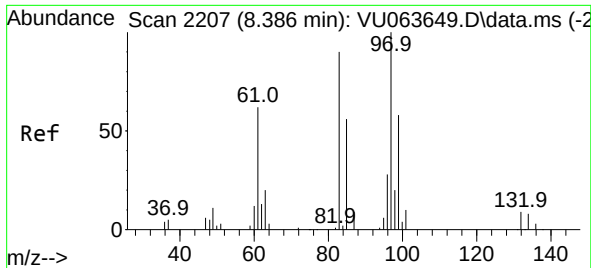
Tgt Ion: 75 Resp: 207590
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.8 38.8



#54
 cis-1,3-Dichloropropene
 Concen: 115.851 ug/l
 RT: 7.595 min Scan# 1961
 Delta R.T. 0.000 min
 Lab File: VU063650.D
 Acq: 25 Sep 2025 18:45

Tgt Ion: 75 Resp: 248654
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.7 38.5
 39 44.9 35.8 53.8

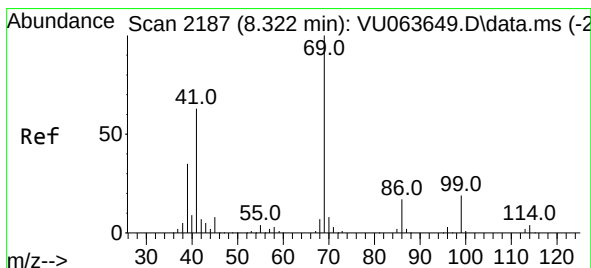
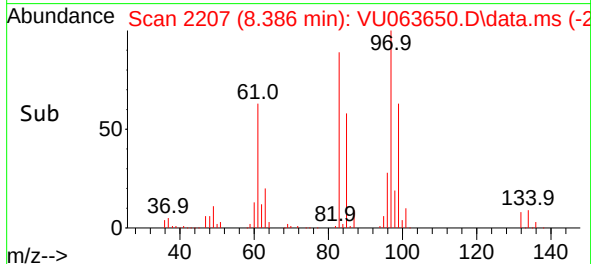
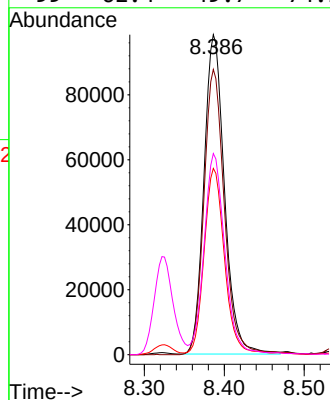
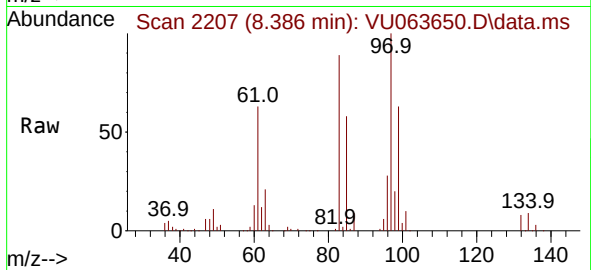




#55
1,1,2-Trichloroethane
Concen: 99.130 ug/l
RT: 8.386 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VU063650.D
Acq: 25 Sep 2025 18:45

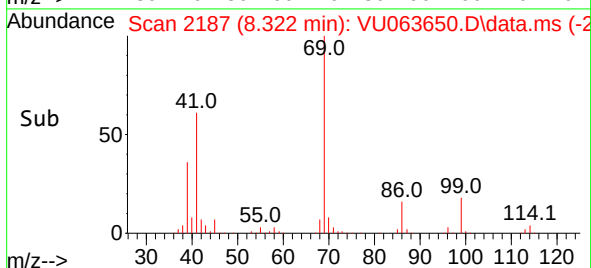
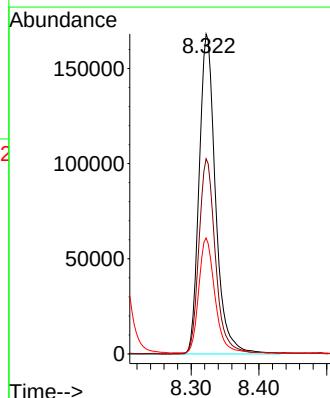
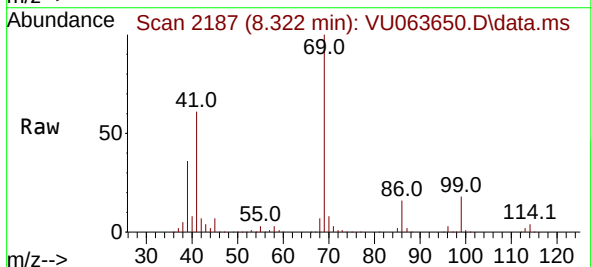
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

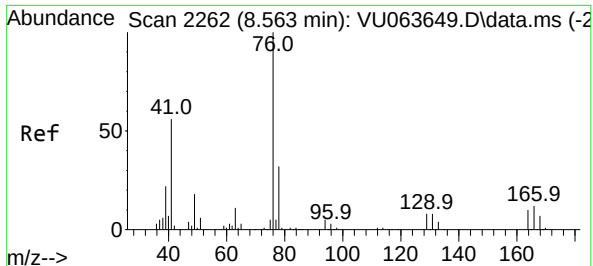
Tgt Ion:	97	Resp:	175947
Ion	Ratio	Lower	Upper
97	100		
83	89.3	72.1	108.1
85	57.7	44.8	67.2
99	62.4	49.7	74.5



#56
Ethyl methacrylate
Concen: 99.979 ug/l
RT: 8.322 min Scan# 2187
Delta R.T. -0.000 min
Lab File: VU063650.D
Acq: 25 Sep 2025 18:45

Tgt Ion:	69	Resp:	283482
Ion	Ratio	Lower	Upper
69	100		
41	61.9	50.6	75.8
39	35.1	29.2	43.8





#57

1,3-Dichloropropane

Concen: 100.187 ug/l

RT: 8.563 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU063650.D

Acq: 25 Sep 2025 18:45

Instrument :

MSVOA_U

ClientSampleId :

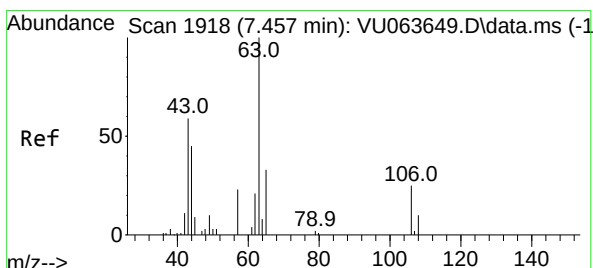
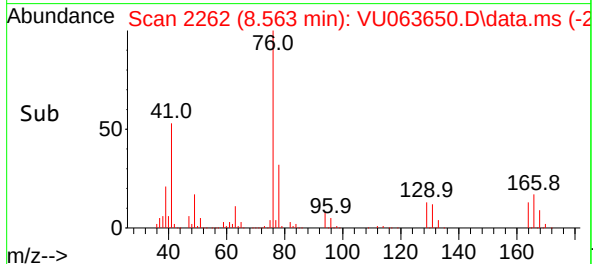
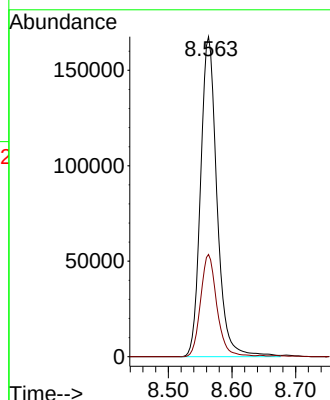
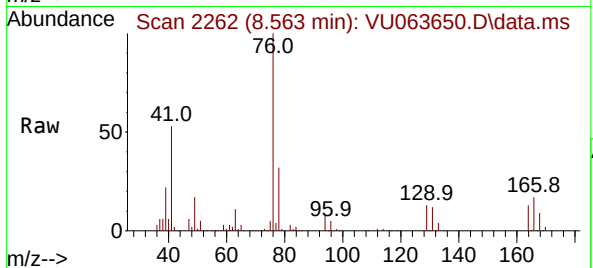
VSTDIC100

Tgt Ion: 76 Resp: 300237

Ion Ratio Lower Upper

76 100

78 31.8 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 498.087 ug/l

RT: 7.454 min Scan# 1917

Delta R.T. -0.003 min

Lab File: VU063650.D

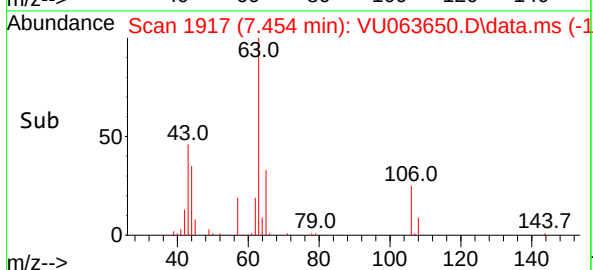
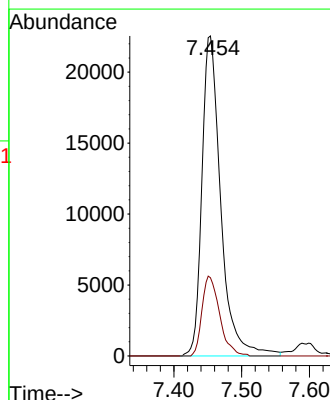
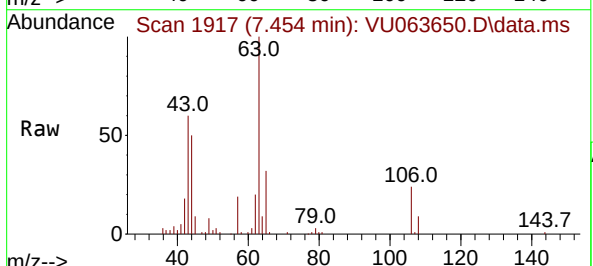
Acq: 25 Sep 2025 18:45

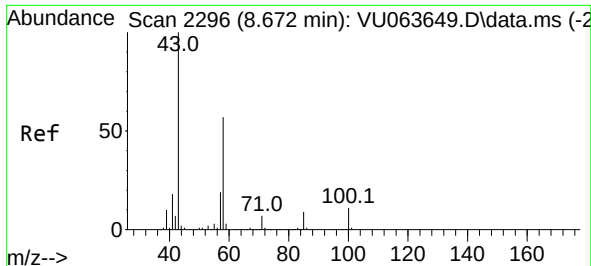
Tgt Ion: 63 Resp: 43537

Ion Ratio Lower Upper

63 100

106 23.3 18.6 27.8

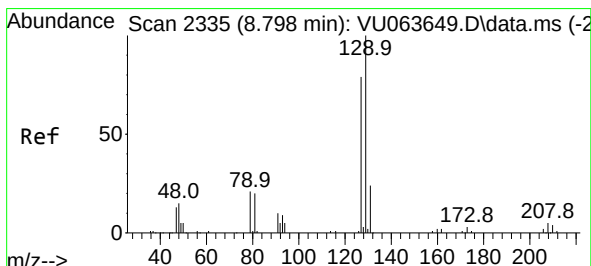
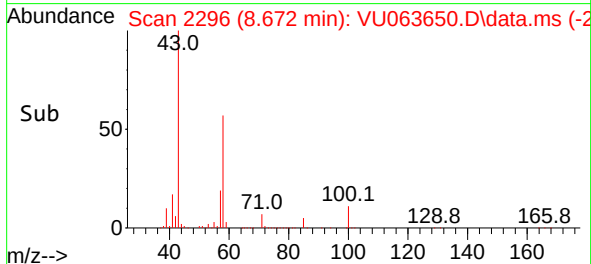
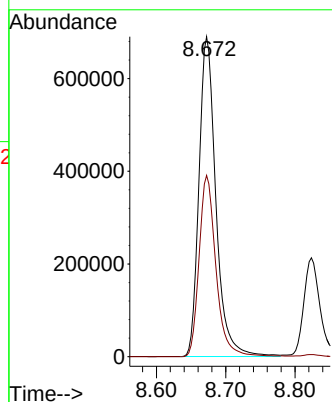
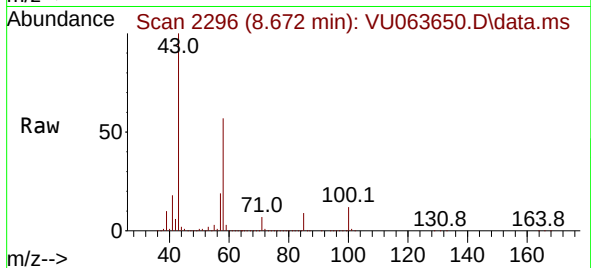




#59
2-Hexanone
Concen: 546.248 ug/l
RT: 8.672 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063650.D
Acq: 25 Sep 2025 18:45

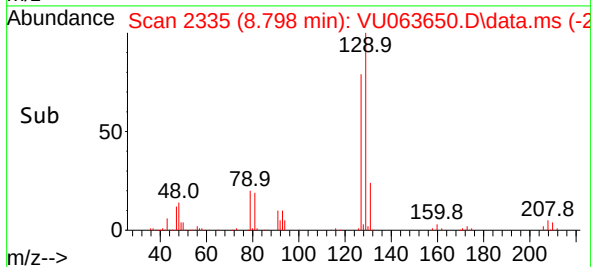
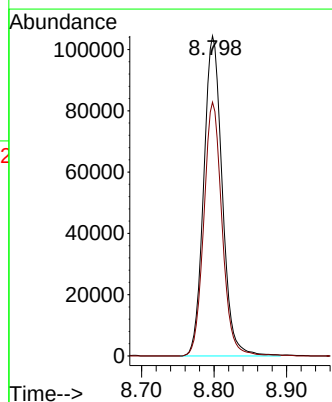
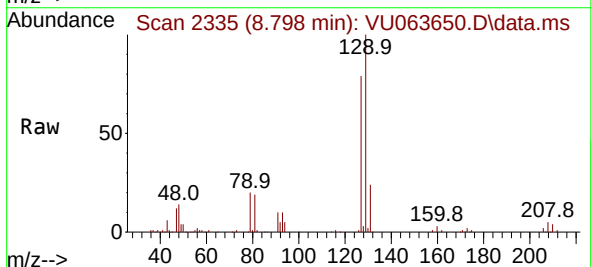
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC100

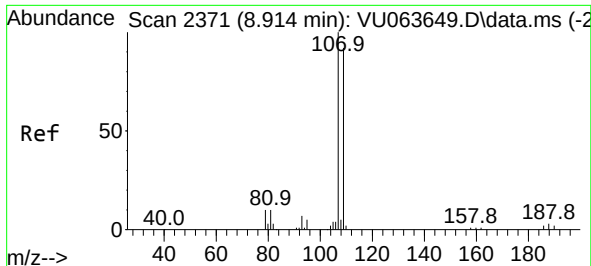
Tgt Ion: 43 Resp: 1173793
Ion Ratio Lower Upper
43 100
58 56.6 28.3 85.0



#60
Dibromochloromethane
Concen: 114.419 ug/l
RT: 8.798 min Scan# 2335
Delta R.T. -0.000 min
Lab File: VU063650.D
Acq: 25 Sep 2025 18:45

Tgt Ion:129 Resp: 185033
Ion Ratio Lower Upper
129 100
127 78.0 39.1 117.2

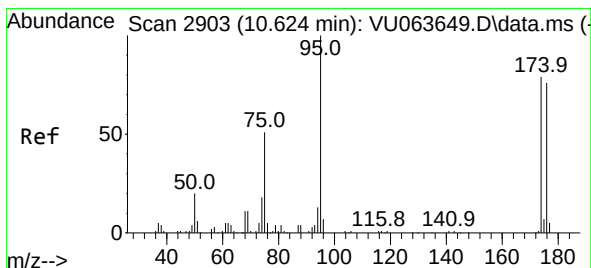
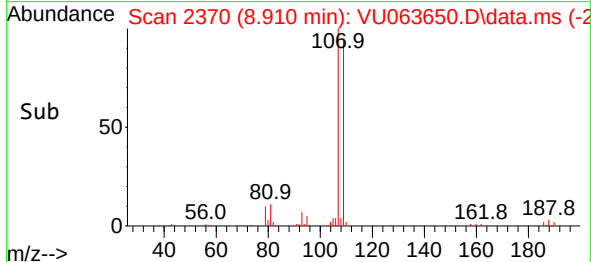
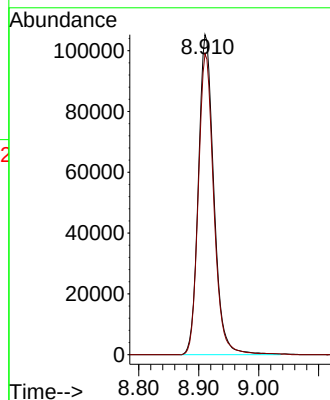
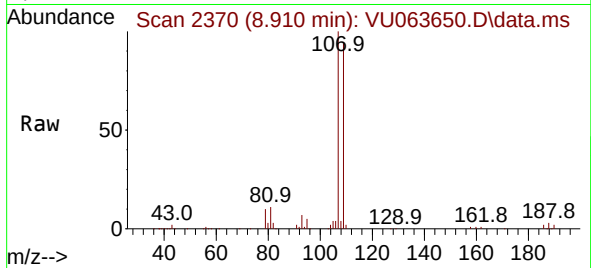




#61
1,2-Dibromoethane
Concen: 106.014 ug/l
RT: 8.910 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU063650.D
Acq: 25 Sep 2025 18:45

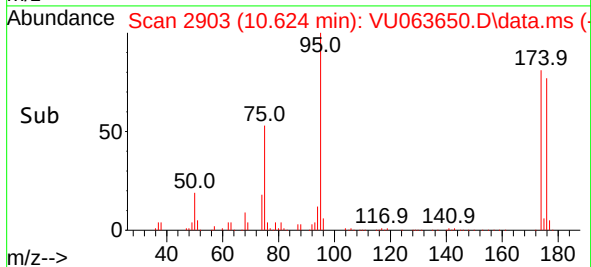
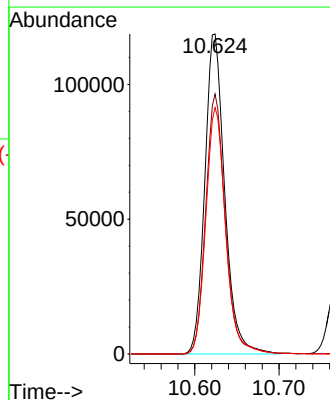
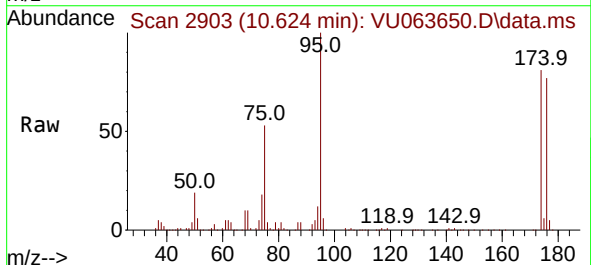
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC100

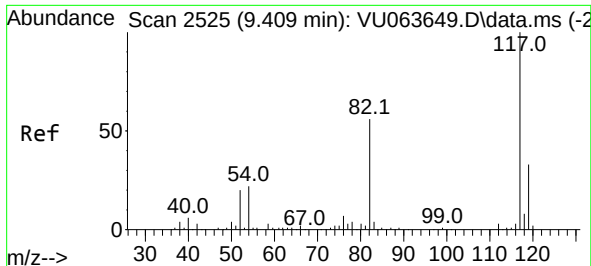
Tgt Ion:107 Resp: 189220
Ion Ratio Lower Upper
107 100
109 93.7 75.5 113.3



#62
4-Bromofluorobenzene
Concen: 96.614 ug/l
RT: 10.624 min Scan# 2903
Delta R.T. -0.000 min
Lab File: VU063650.D
Acq: 25 Sep 2025 18:45

Tgt Ion: 95 Resp: 195566
Ion Ratio Lower Upper
95 100
174 79.9 0.0 154.2
176 76.7 0.0 150.8

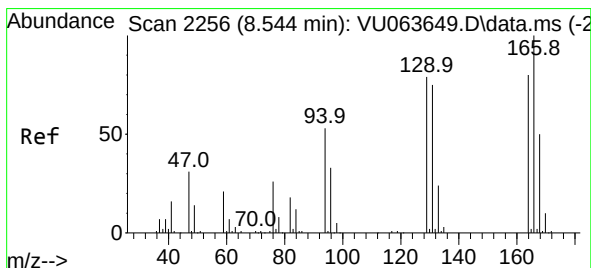
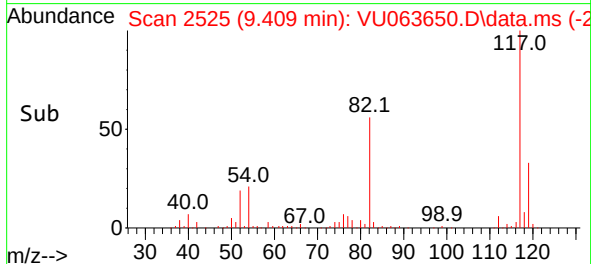
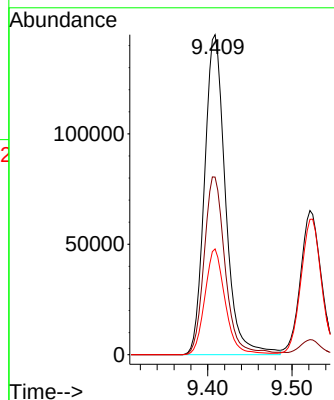
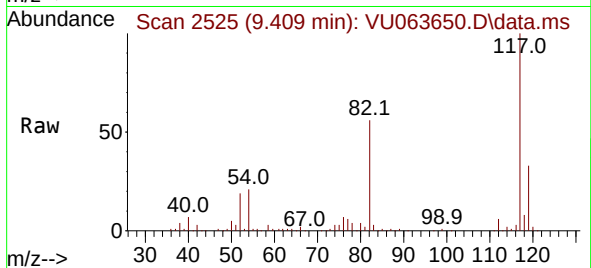




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.409 min Scan# 211
Delta R.T. -0.000 min
Lab File: VU063650.D
Acq: 25 Sep 2025 18:45

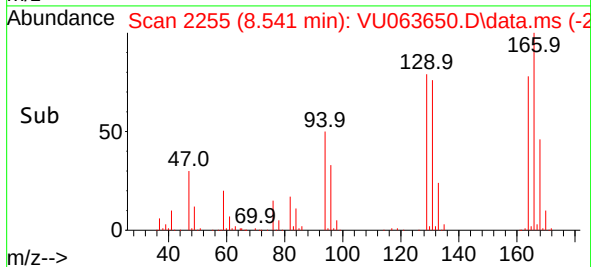
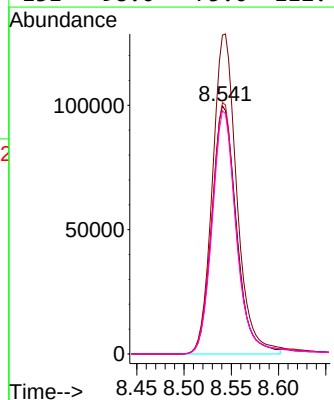
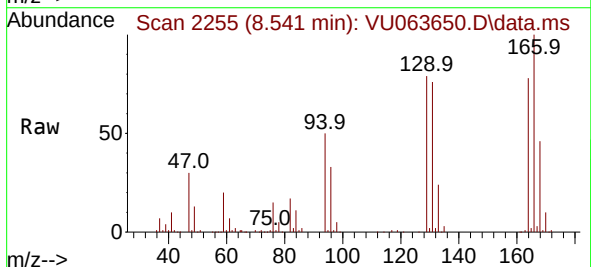
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC100

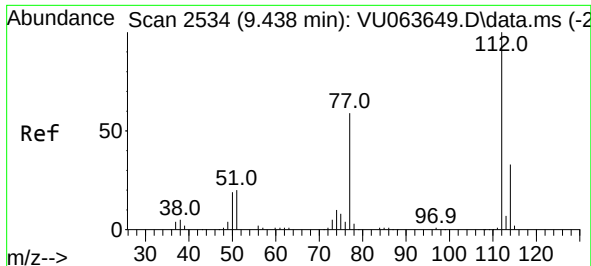
Tgt Ion:117 Resp: 250840
Ion Ratio Lower Upper
117 100
82 55.5 44.8 67.2
119 33.0 26.0 39.0



#64
Tetrachloroethene
Concen: 97.412 ug/l
RT: 8.541 min Scan# 2255
Delta R.T. -0.003 min
Lab File: VU063650.D
Acq: 25 Sep 2025 18:45

Tgt Ion:164 Resp: 180330
Ion Ratio Lower Upper
164 100
166 128.6 99.6 149.4
129 101.3 78.3 117.5
131 98.0 75.0 112.4

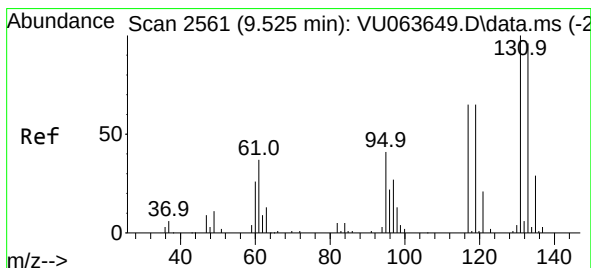
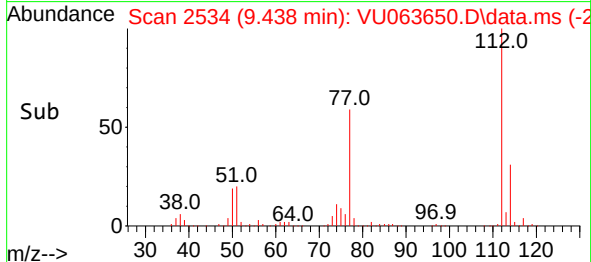
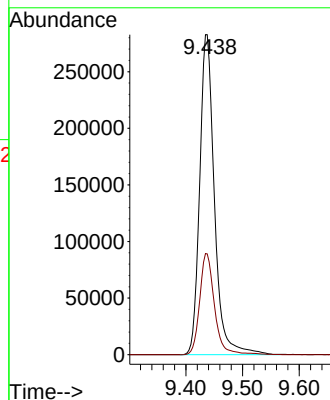
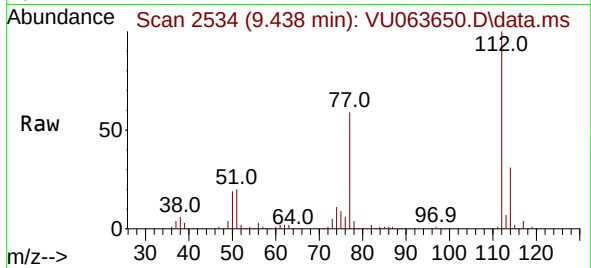




#65
Chlorobenzene
Concen: 99.165 ug/l
RT: 9.438 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063650.D
Acq: 25 Sep 2025 18:45

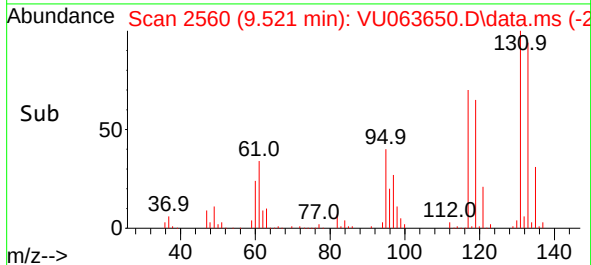
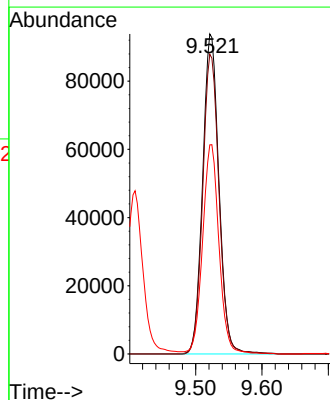
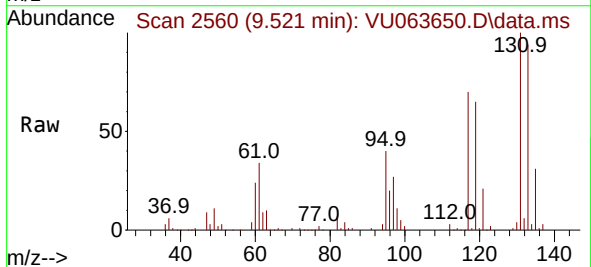
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC100

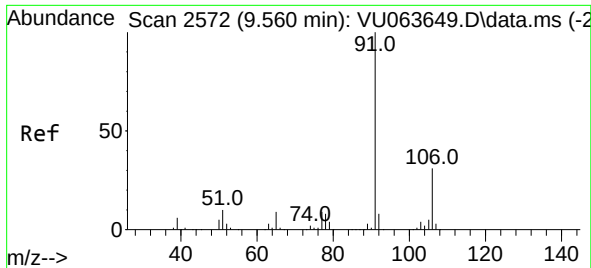
Tgt Ion:112 Resp: 511040
Ion Ratio Lower Upper
112 100
114 31.5 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 107.864 ug/l
RT: 9.521 min Scan# 2560
Delta R.T. -0.003 min
Lab File: VU063650.D
Acq: 25 Sep 2025 18:45

Tgt Ion:131 Resp: 160376
Ion Ratio Lower Upper
131 100
133 93.9 48.4 145.3
119 65.1 33.2 99.6





#67

Ethyl Benzene

Concen: 100.766 ug/l

RT: 9.560 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU063650.D

Acq: 25 Sep 2025 18:45

Instrument :

MSVOA_U

ClientSampleId :

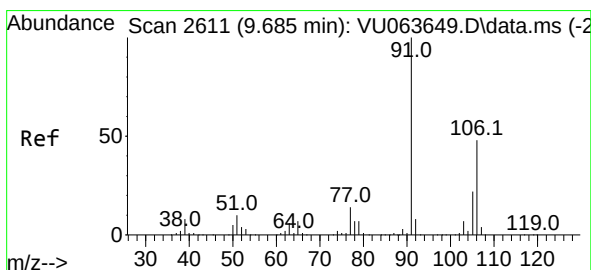
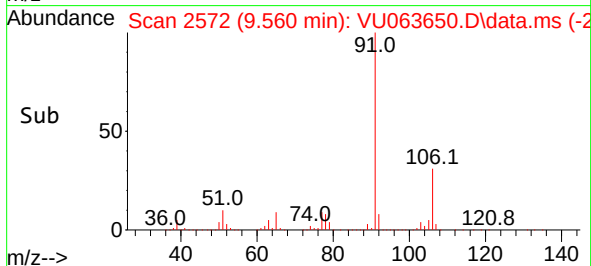
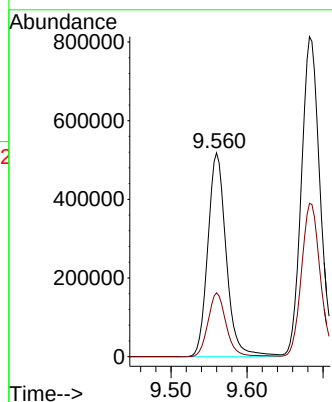
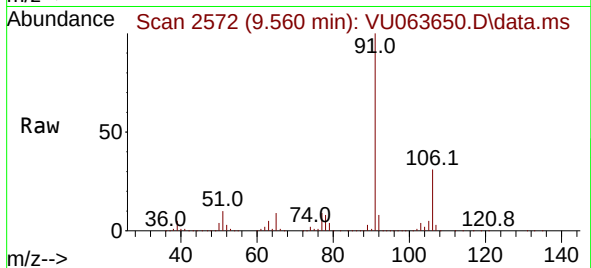
VSTDICC100

Tgt Ion: 91 Resp: 871826

Ion Ratio Lower Upper

91 100

106 31.3 24.8 37.2



#68

m/p-Xylenes

Concen: 212.032 ug/l

RT: 9.682 min Scan# 2610

Delta R.T. -0.003 min

Lab File: VU063650.D

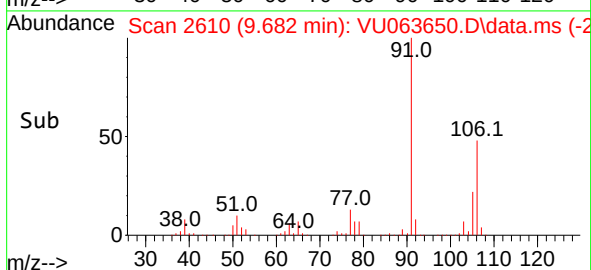
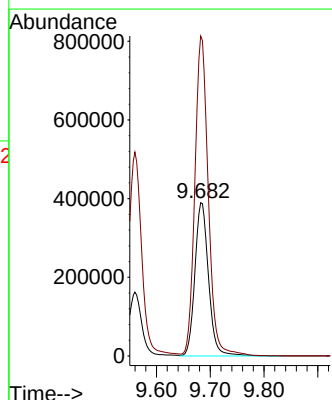
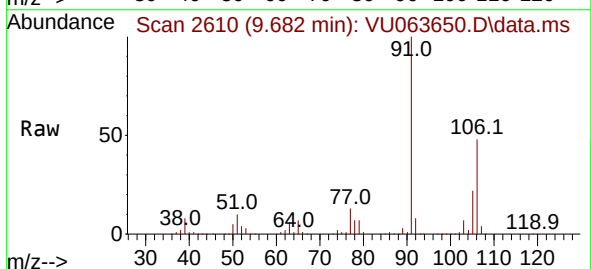
Acq: 25 Sep 2025 18:45

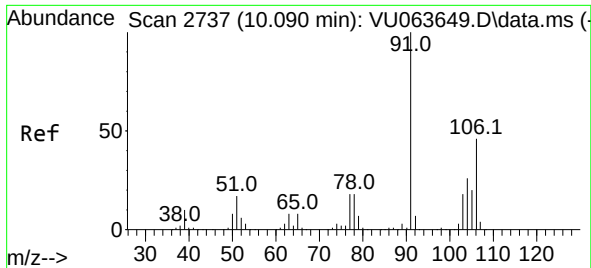
Tgt Ion:106 Resp: 684766

Ion Ratio Lower Upper

106 100

91 205.8 166.6 249.8

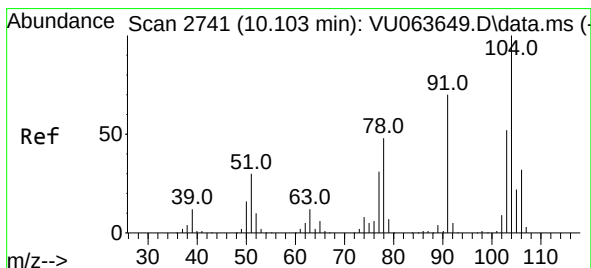
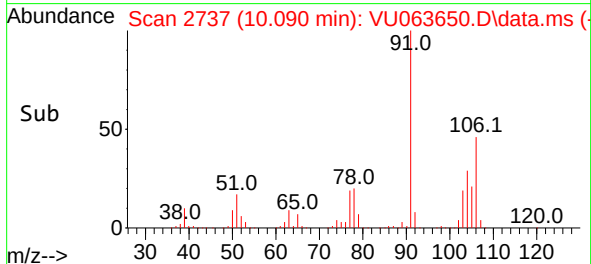
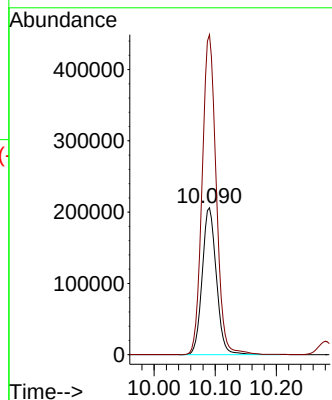
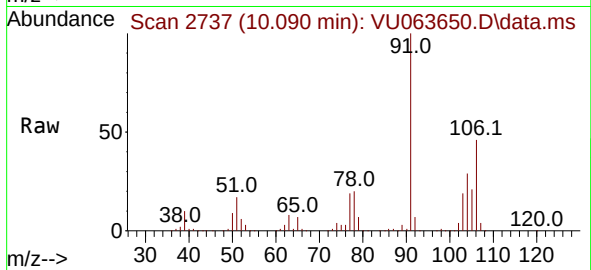




#69
o-Xylene
Concen: 106.036 ug/l
RT: 10.090 min Scan# 2737
Delta R.T. -0.000 min
Lab File: VU063650.D
Acq: 25 Sep 2025 18:45

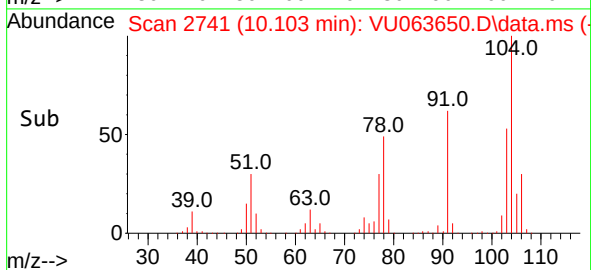
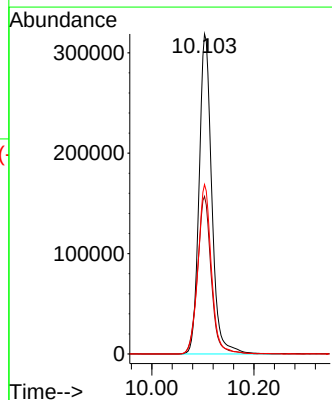
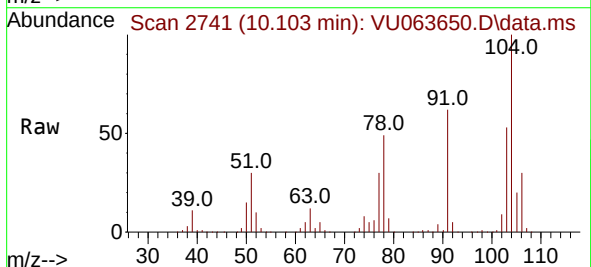
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

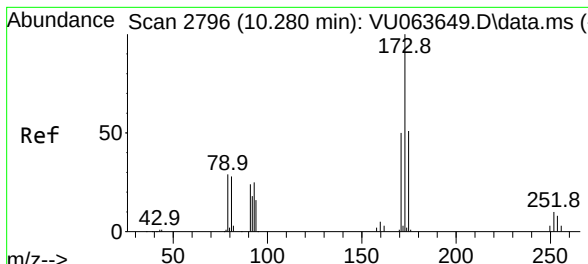
Tgt Ion:106 Resp: 331569
Ion Ratio Lower Upper
106 100
91 216.8 111.1 333.3



#70
Styrene
Concen: 108.171 ug/l
RT: 10.103 min Scan# 2741
Delta R.T. -0.000 min
Lab File: VU063650.D
Acq: 25 Sep 2025 18:45

Tgt Ion:104 Resp: 548612
Ion Ratio Lower Upper
104 100
78 53.0 42.2 63.4
103 56.1 44.9 67.3

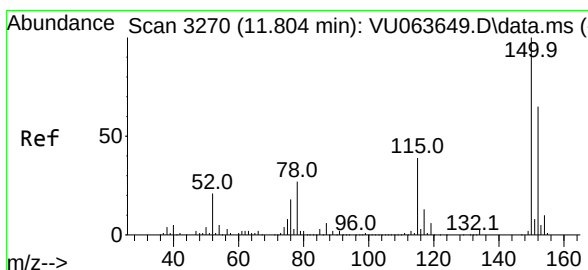
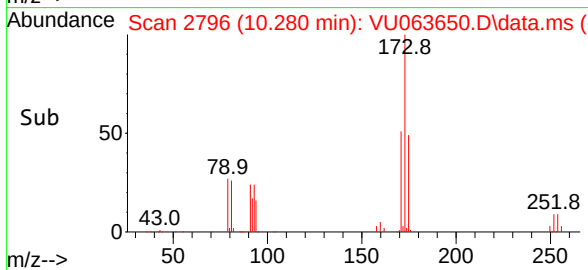
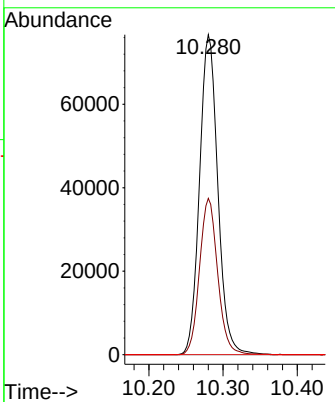
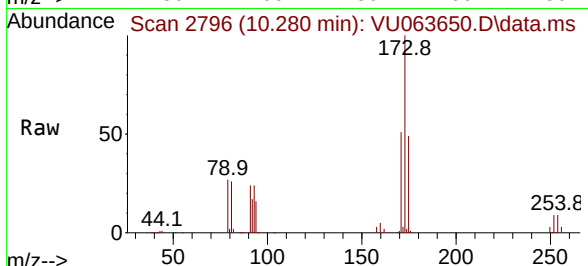




#71
 Bromoform
 Concen: 95.260 ug/l
 RT: 10.280 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU063650.D
 Acq: 25 Sep 2025 18:45

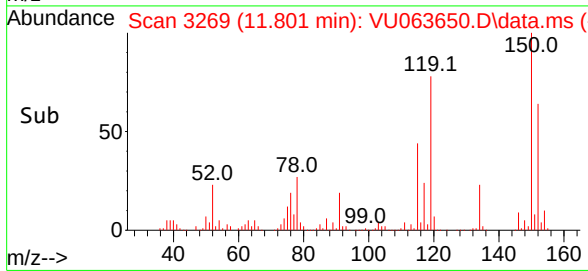
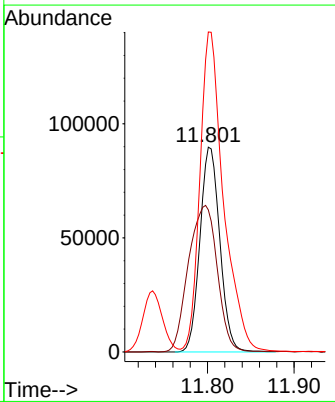
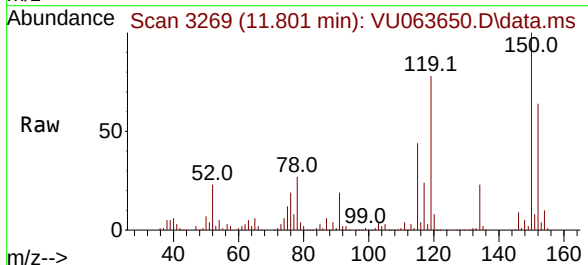
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC100

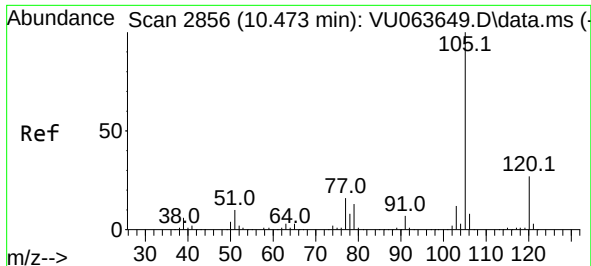
Tgt Ion:	173	Resp:	130885
Ion Ratio	Lower	Upper	
173	100		
175	48.5	24.3	72.8
254	0.0	0.0	0.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.801 min Scan# 3269
 Delta R.T. -0.003 min
 Lab File: VU063650.D
 Acq: 25 Sep 2025 18:45

Tgt Ion:	152	Resp:	143647
Ion Ratio	Lower	Upper	
152	100		
115	103.4	42.3	126.8
150	185.0	0.0	340.8

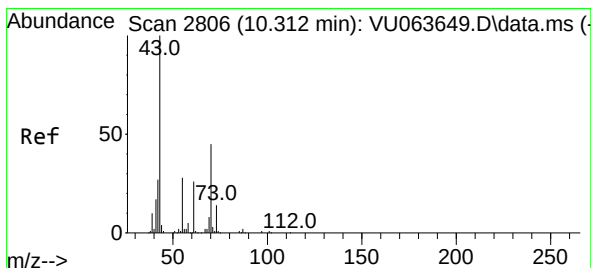
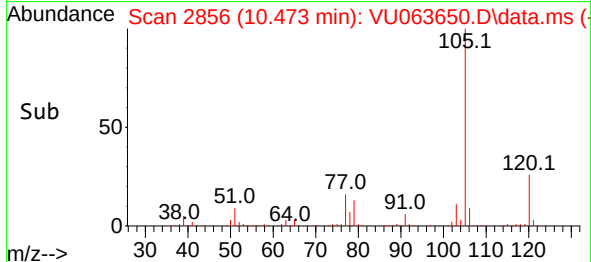
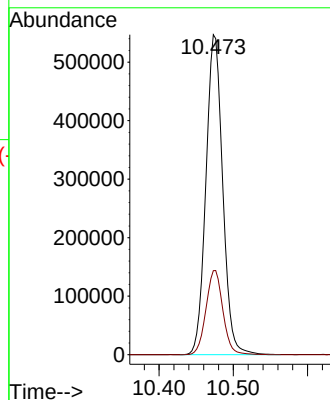
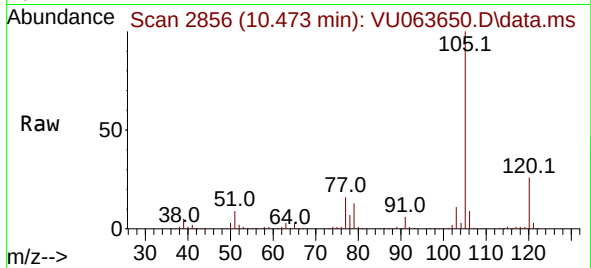




#73
Isopropylbenzene
Concen: 93.929 ug/l
RT: 10.473 min Scan# 2856
Delta R.T. 0.000 min
Lab File: VU063650.D
Acq: 25 Sep 2025 18:45

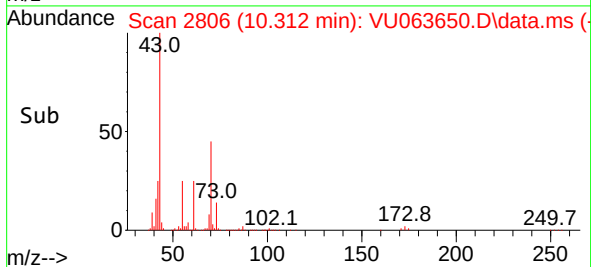
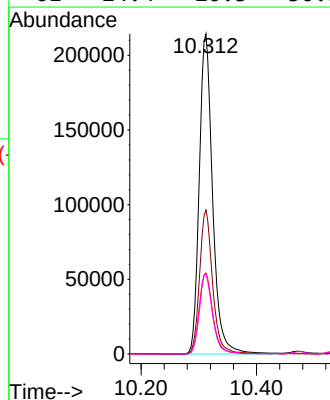
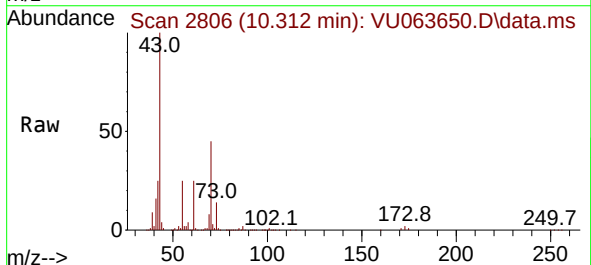
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

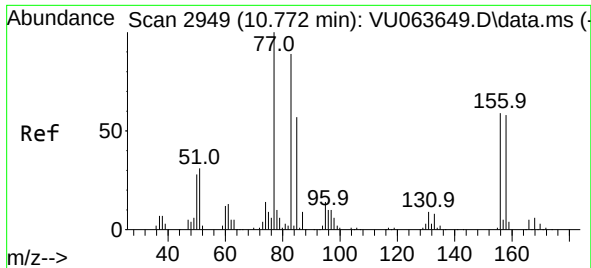
Tgt Ion:105 Resp: 856966
Ion Ratio Lower Upper
105 100
120 26.5 13.5 40.4



#74
N-ethyl acetate
Concen: 108.416 ug/l
RT: 10.312 min Scan# 2806
Delta R.T. 0.000 min
Lab File: VU063650.D
Acq: 25 Sep 2025 18:45

Tgt Ion: 43 Resp: 343773
Ion Ratio Lower Upper
43 100
70 44.0 35.5 53.3
55 26.0 21.6 32.4
61 24.4 20.3 30.5

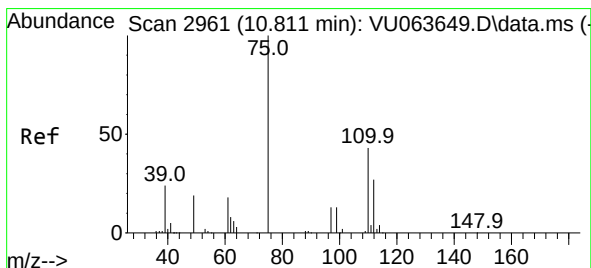
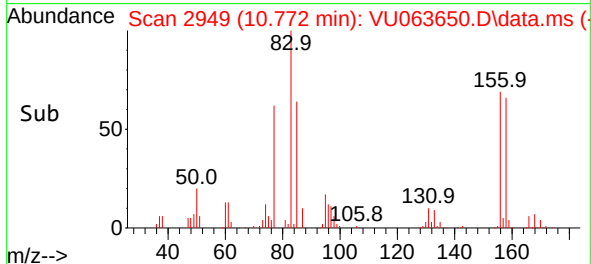
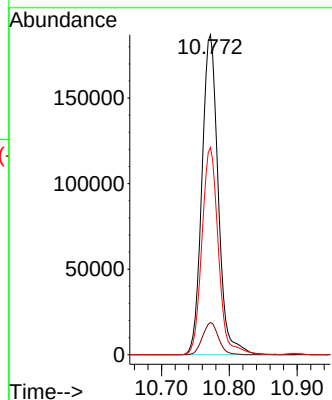
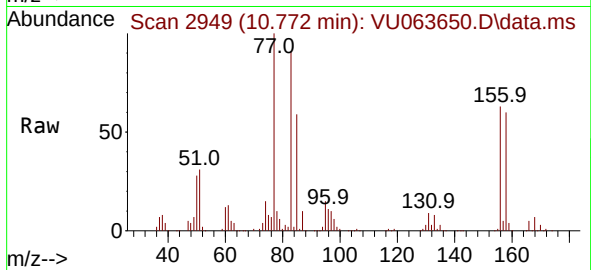




#75
1,1,2,2-Tetrachloroethane
Concen: 92.492 ug/l
RT: 10.772 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU063650.D
Acq: 25 Sep 2025 18:45

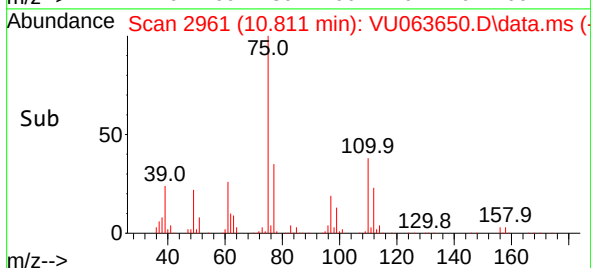
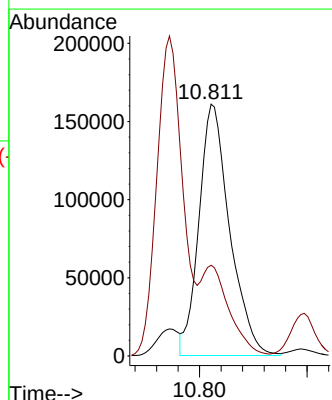
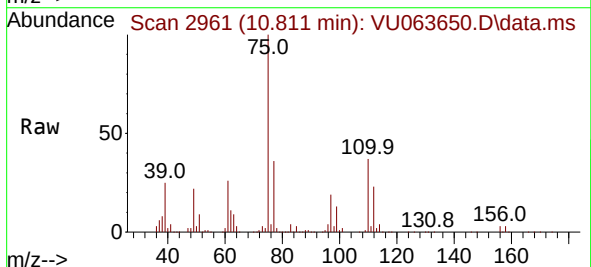
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

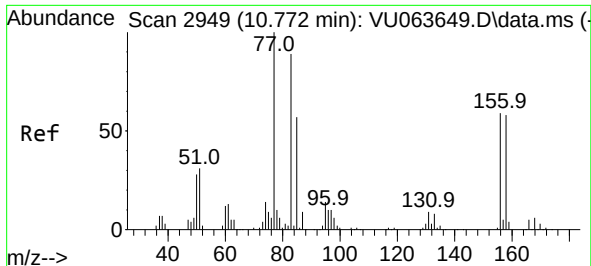
Tgt Ion: 83 Resp: 311670
Ion Ratio Lower Upper
83 100
131 9.8 4.8 14.4
85 65.4 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 91.743 ug/l
RT: 10.811 min Scan# 2961
Delta R.T. -0.000 min
Lab File: VU063650.D
Acq: 25 Sep 2025 18:45

Tgt Ion: 75 Resp: 318985
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

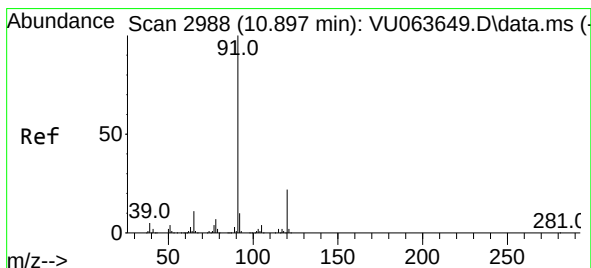
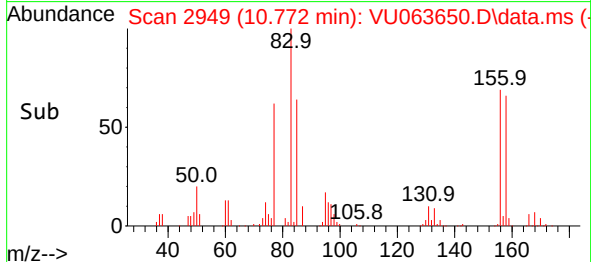
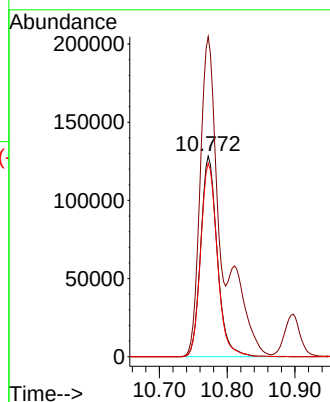
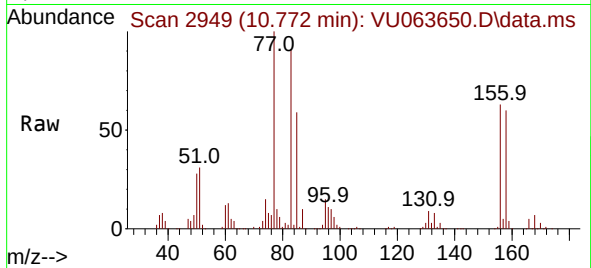




#77
Bromobenzene
Concen: 93.415 ug/l
RT: 10.772 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU063650.D
Acq: 25 Sep 2025 18:45

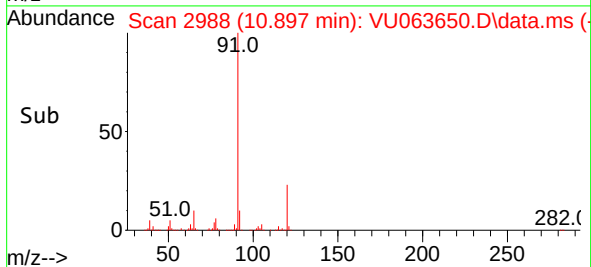
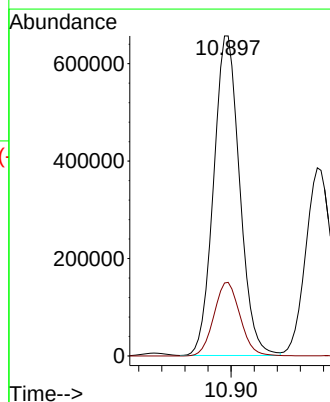
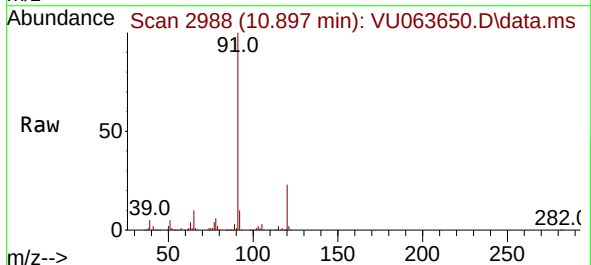
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

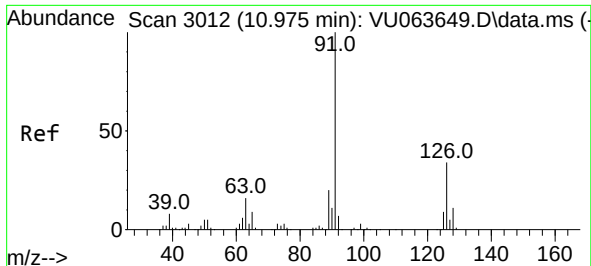
Tgt Ion:156 Resp: 217131
Ion Ratio Lower Upper
156 100
77 159.0 81.6 244.8
158 97.3 49.3 147.9



#78
n-propylbenzene
Concen: 95.408 ug/l
RT: 10.897 min Scan# 2988
Delta R.T. -0.000 min
Lab File: VU063650.D
Acq: 25 Sep 2025 18:45

Tgt Ion: 91 Resp: 1028263
Ion Ratio Lower Upper
91 100
120 23.1 11.2 33.6

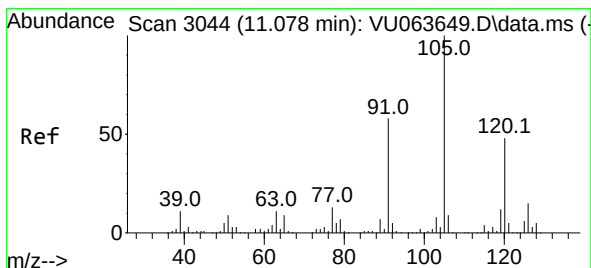
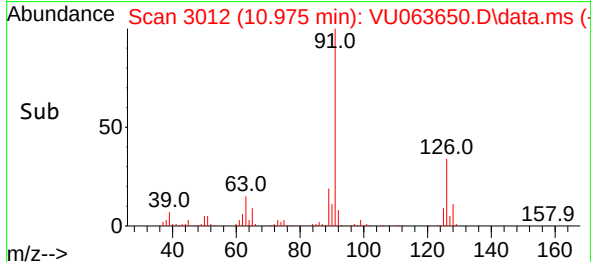
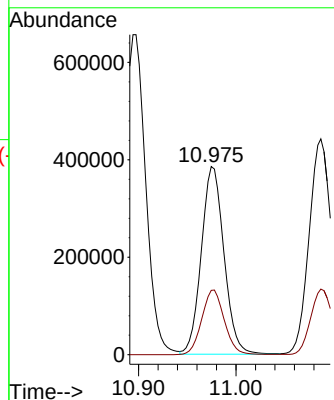
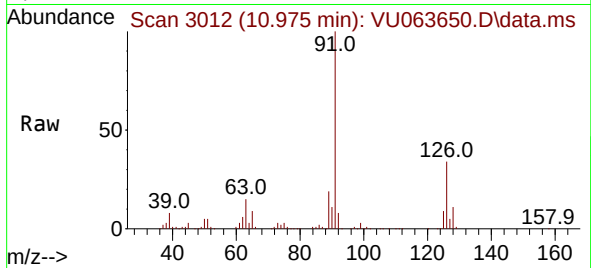




#79
2-Chlorotoluene
Concen: 90.980 ug/l
RT: 10.975 min Scan# 3012
Delta R.T. -0.000 min
Lab File: VU063650.D
Acq: 25 Sep 2025 18:45

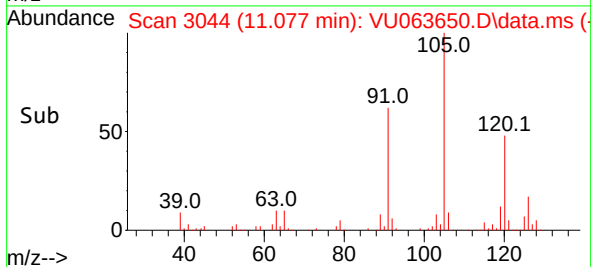
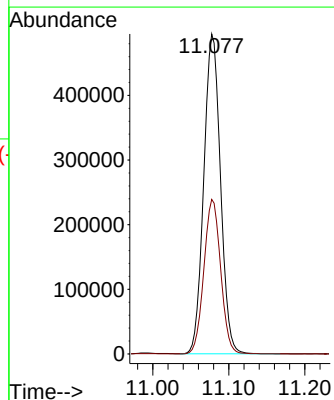
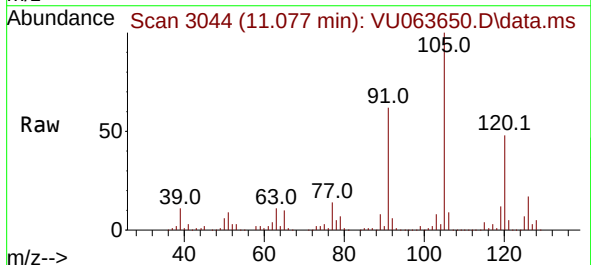
Instrument :
MSVOA_U
ClientSampleId :
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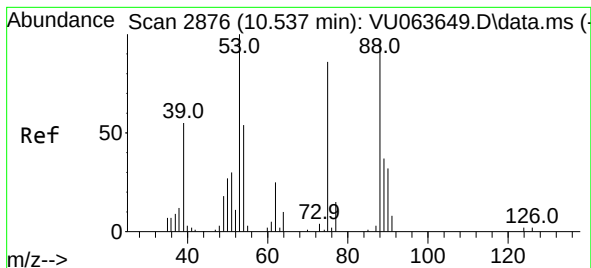
Tgt Ion: 91 Resp: 624126
Ion Ratio Lower Upper
91 100
126 34.3 16.8 50.4



#80
1,3,5-Trimethylbenzene
Concen: 97.998 ug/l
RT: 11.077 min Scan# 3044
Delta R.T. -0.000 min
Lab File: VU063650.D
Acq: 25 Sep 2025 18:45

Tgt Ion:105 Resp: 755081
Ion Ratio Lower Upper
105 100
120 48.5 24.3 72.9

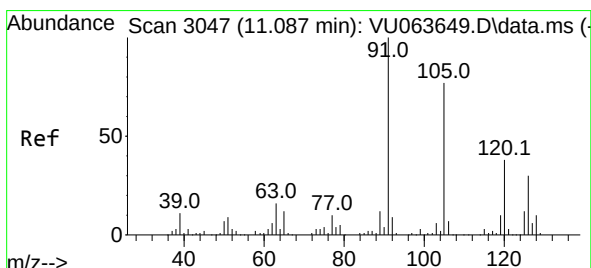
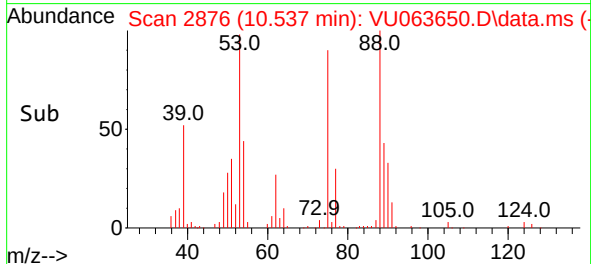
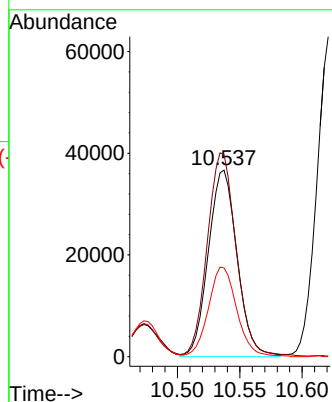
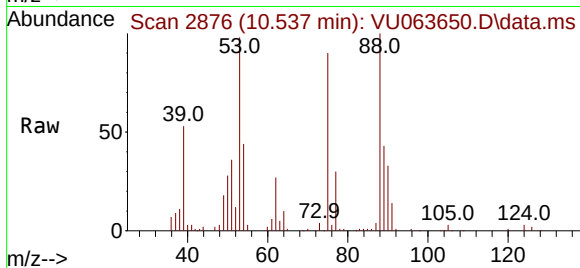




#81
 trans-1,4-Dichloro-2-butene
 Concen: 107.558 ug/l
 RT: 10.537 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU063650.D
 Acq: 25 Sep 2025 18:45

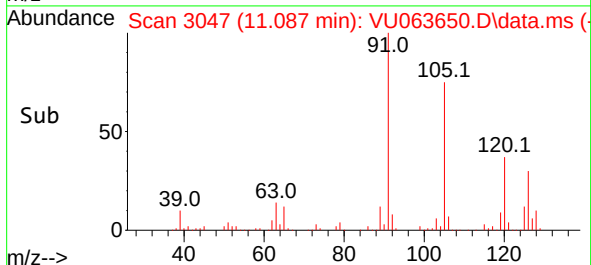
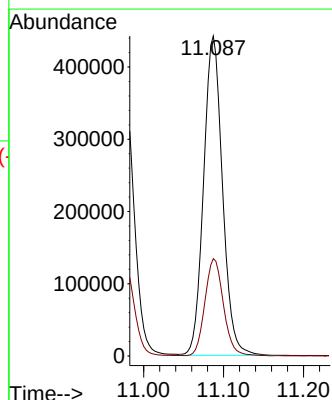
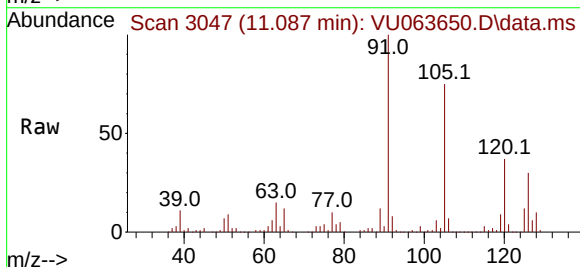
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

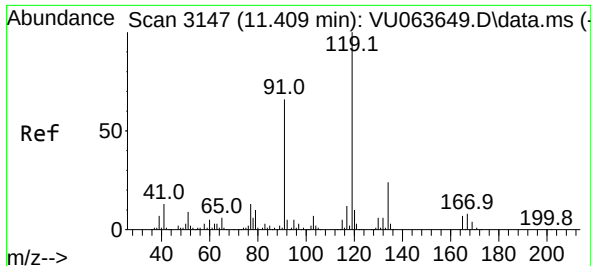
Tgt Ion:	75	Resp:	59043
Ion	Ratio	Lower	Upper
75	100		
53	108.8	94.6	142.0
89	47.4	37.4	56.2



#82
 4-Chlorotoluene
 Concen: 96.579 ug/l
 RT: 11.087 min Scan# 3047
 Delta R.T. -0.000 min
 Lab File: VU063650.D
 Acq: 25 Sep 2025 18:45

Tgt Ion:	91	Resp:	727710
Ion	Ratio	Lower	Upper
91	100		
126	29.8	14.6	44.0

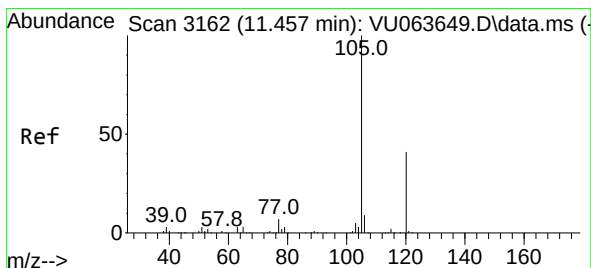
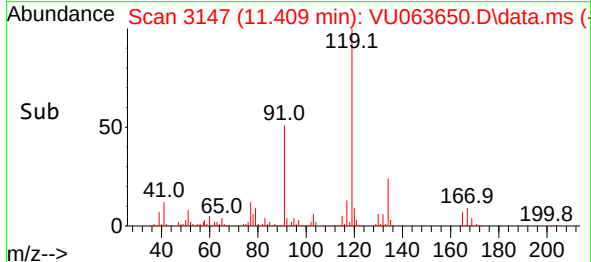
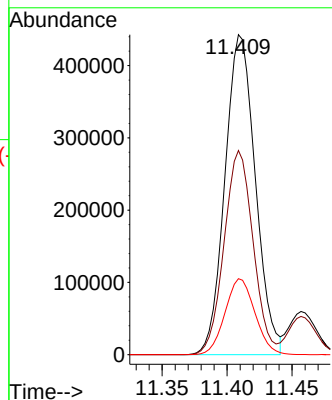
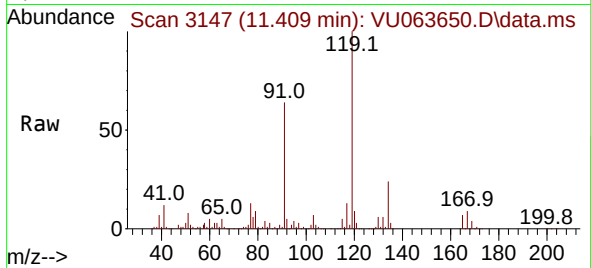




#83
 tert-Butylbenzene
 Concen: 97.578 ug/l
 RT: 11.409 min Scan# 3147
 Delta R.T. -0.000 min
 Lab File: VU063650.D
 Acq: 25 Sep 2025 18:45

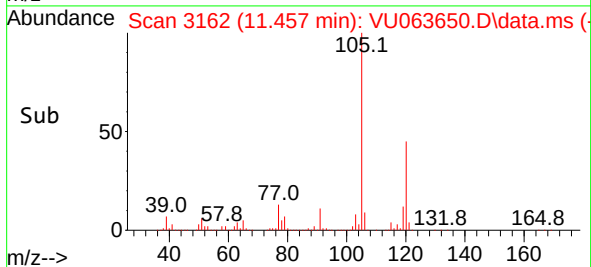
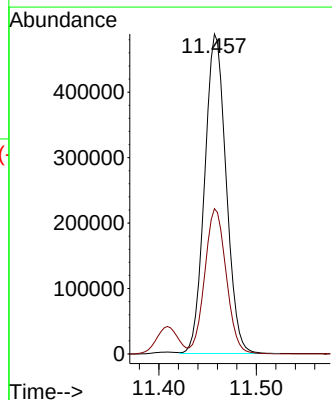
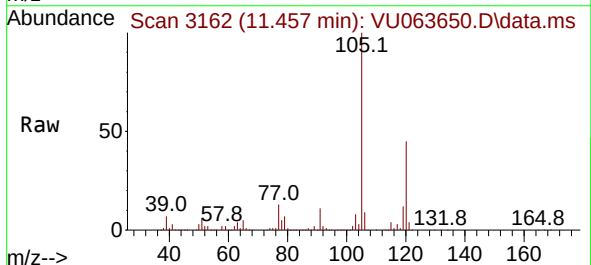
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

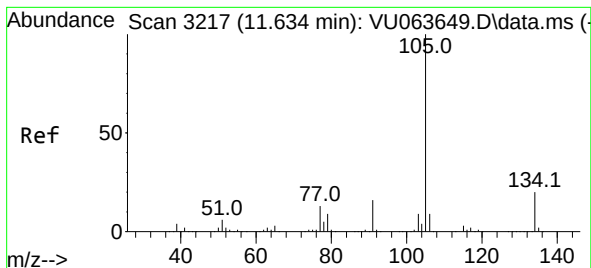
Tgt Ion:119 Resp: 723185
 Ion Ratio Lower Upper
 119 100
 91 60.6 31.5 94.5
 134 23.3 12.0 36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 98.355 ug/l
 RT: 11.457 min Scan# 3162
 Delta R.T. 0.000 min
 Lab File: VU063650.D
 Acq: 25 Sep 2025 18:45

Tgt Ion:105 Resp: 746146
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.6 67.7





#85

sec-Butylbenzene

Concen: 96.818 ug/l

RT: 11.634 min Scan# 3217

Delta R.T. -0.000 min

Lab File: VU063650.D

Acq: 25 Sep 2025 18:45

Instrument :

MSVOA_U

ClientSampleId :

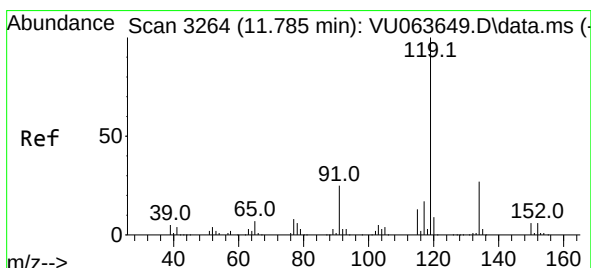
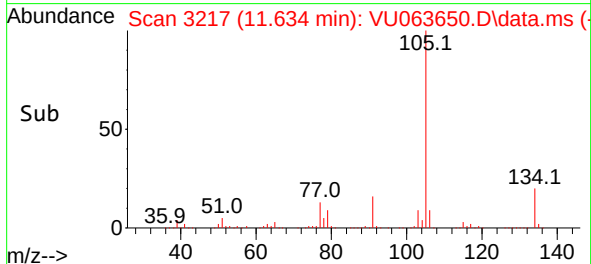
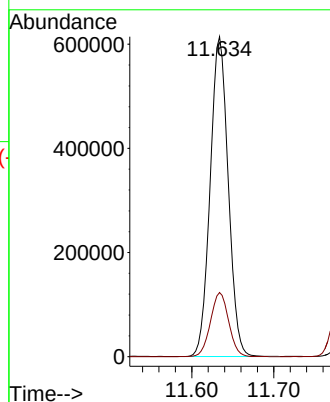
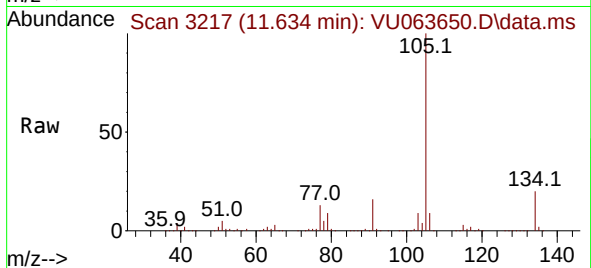
VSTDIC100

Tgt Ion:105 Resp: 936763

Ion Ratio Lower Upper

105 100

134 20.3 10.0 29.8



#86

p-Isopropyltoluene

Concen: 100.576 ug/l

RT: 11.785 min Scan# 3264

Delta R.T. -0.000 min

Lab File: VU063650.D

Acq: 25 Sep 2025 18:45

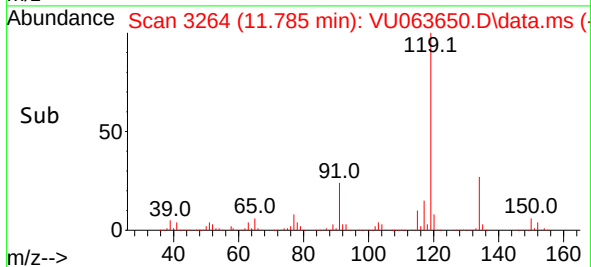
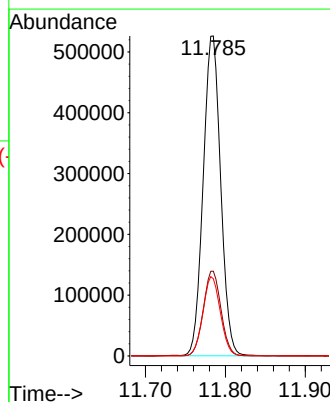
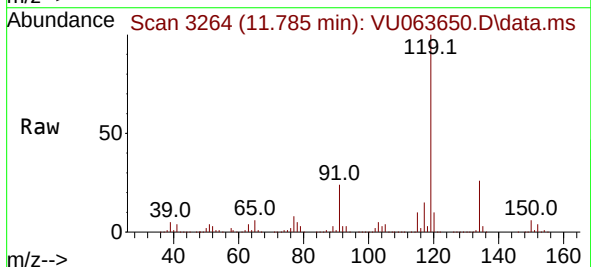
Tgt Ion:119 Resp: 799848

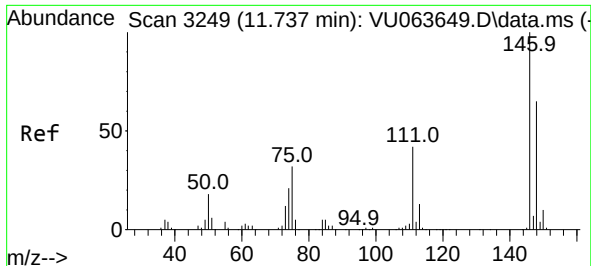
Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

91 24.6 12.7 38.1





#87

1,3-Dichlorobenzene

Concen: 95.978 ug/l

RT: 11.737 min Scan# 3249

Delta R.T. 0.000 min

Lab File: VU063650.D

Acq: 25 Sep 2025 18:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC100

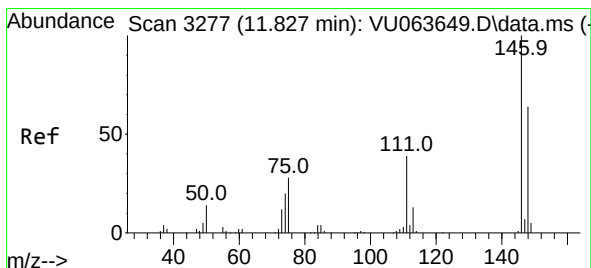
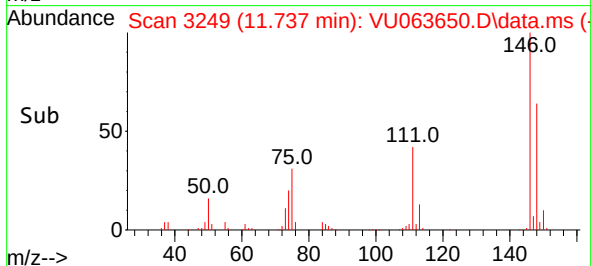
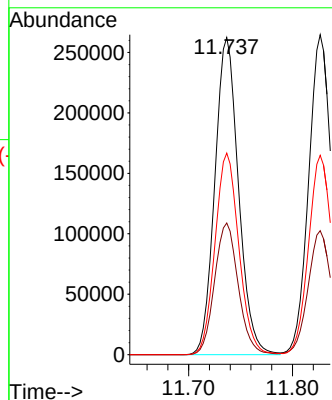
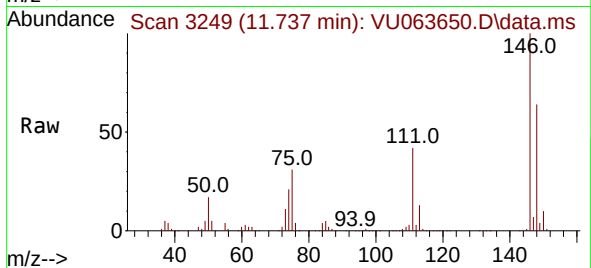
Tgt Ion:146 Resp: 415425

Ion Ratio Lower Upper

146 100

111 41.6 20.8 62.5

148 64.1 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 92.659 ug/l

RT: 11.827 min Scan# 3277

Delta R.T. -0.000 min

Lab File: VU063650.D

Acq: 25 Sep 2025 18:45

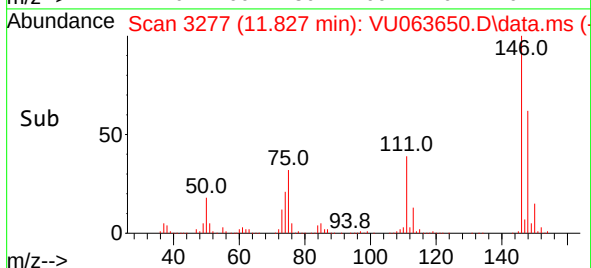
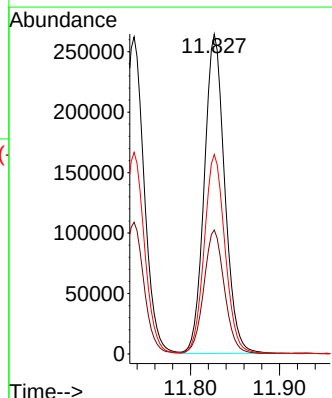
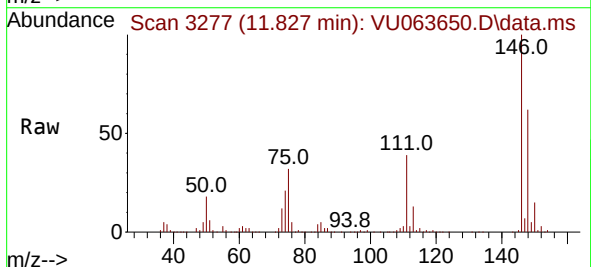
Tgt Ion:146 Resp: 420822

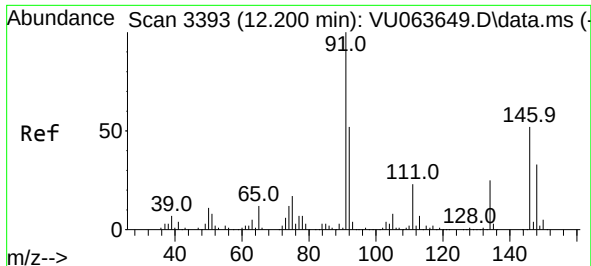
Ion Ratio Lower Upper

146 100

111 39.1 20.3 60.8

148 63.7 31.7 95.1

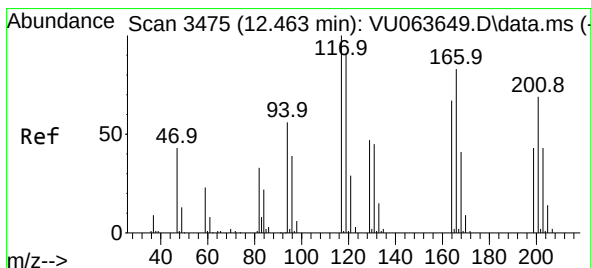
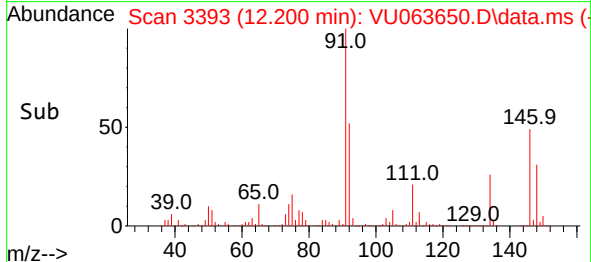
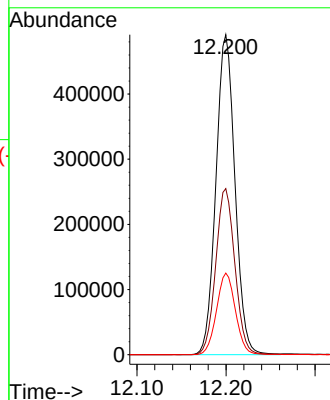
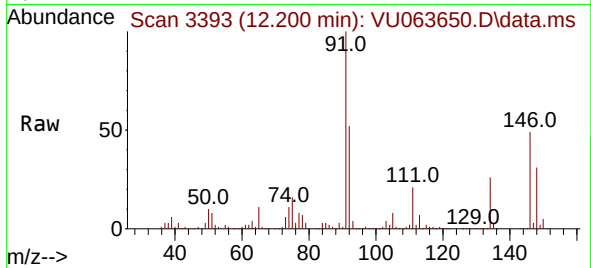




#89
n-Butylbenzene
Concen: 102.647 ug/l
RT: 12.200 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU063650.D
Acq: 25 Sep 2025 18:45

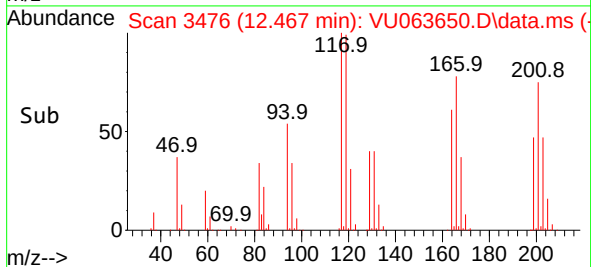
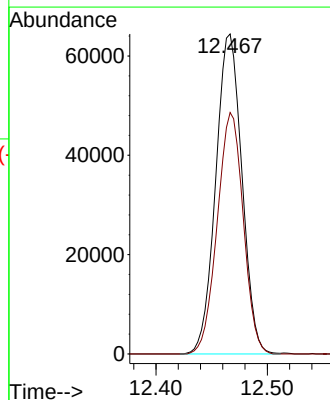
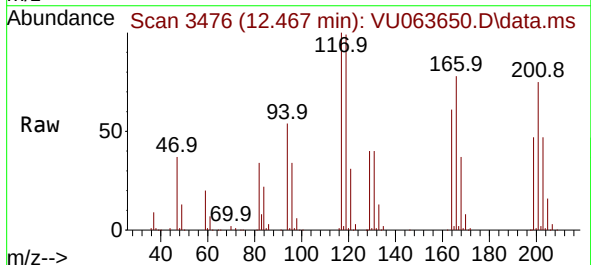
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC100

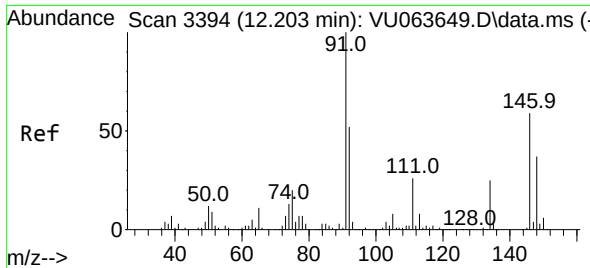
Tgt Ion: 91 Resp: 727542
Ion Ratio Lower Upper
91 100
92 52.4 26.0 78.0
134 25.3 12.4 37.4



#90
Hexachloroethane
Concen: 92.442 ug/l
RT: 12.467 min Scan# 3476
Delta R.T. 0.004 min
Lab File: VU063650.D
Acq: 25 Sep 2025 18:45

Tgt Ion: 117 Resp: 105283
Ion Ratio Lower Upper
117 100
201 74.9 35.8 107.3

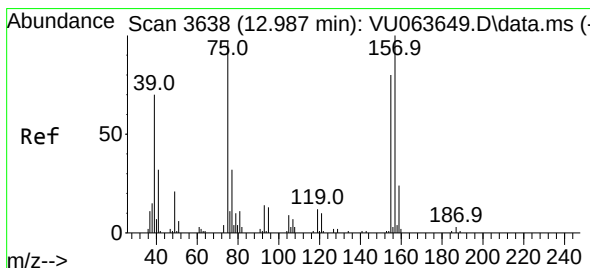
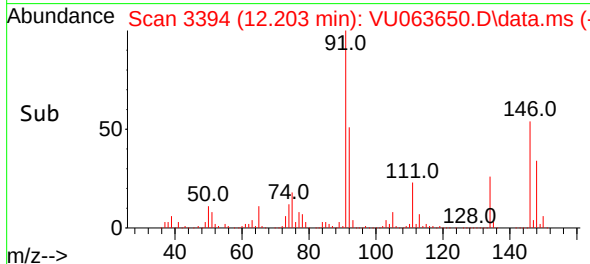
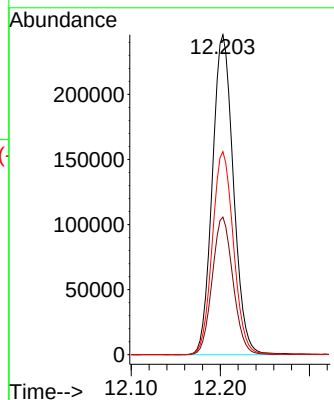
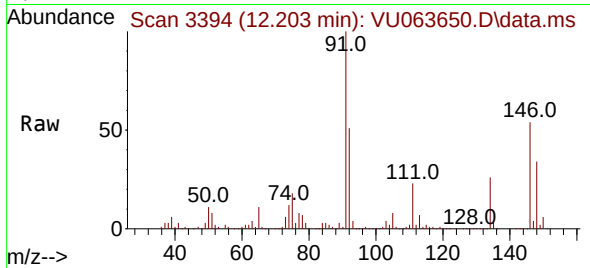




#91
 1,2-Dichlorobenzene
 Concen: 95.496 ug/l
 RT: 12.203 min Scan# 3394
 Delta R.T. 0.000 min
 Lab File: VU063650.D
 Acq: 25 Sep 2025 18:45

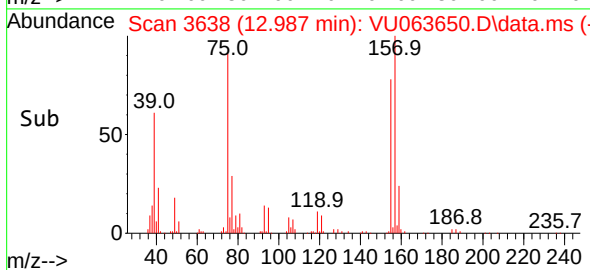
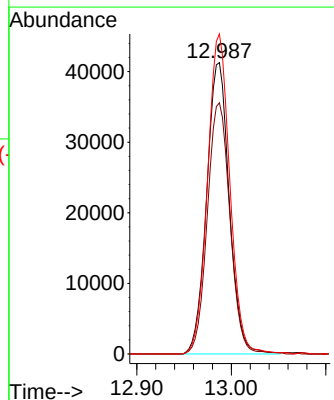
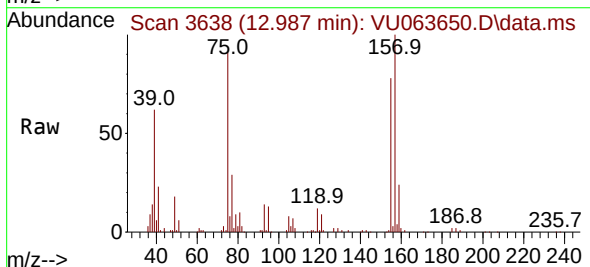
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC100

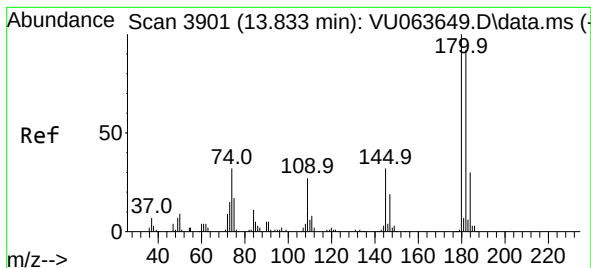
Tgt Ion:146 Resp: 403910
 Ion Ratio Lower Upper
 146 100
 111 42.4 21.7 65.1
 148 63.9 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 109.889 ug/l
 RT: 12.987 min Scan# 3638
 Delta R.T. -0.000 min
 Lab File: VU063650.D
 Acq: 25 Sep 2025 18:45

Tgt Ion: 75 Resp: 68653
 Ion Ratio Lower Upper
 75 100
 155 86.1 39.3 117.8
 157 108.1 50.8 152.4





#93

1,2,4-Trichlorobenzene

Concen: 108.887 ug/l

RT: 13.830 min Scan# 3901

Delta R.T. -0.003 min

Lab File: VU063650.D

Acq: 25 Sep 2025 18:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC100

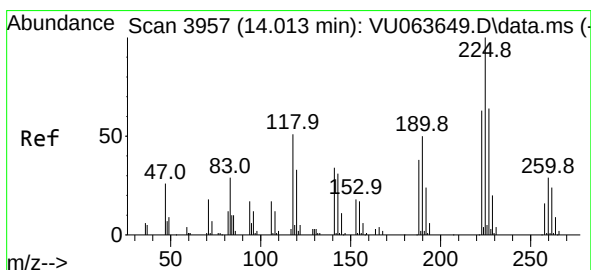
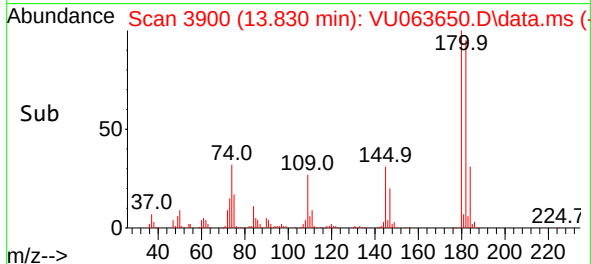
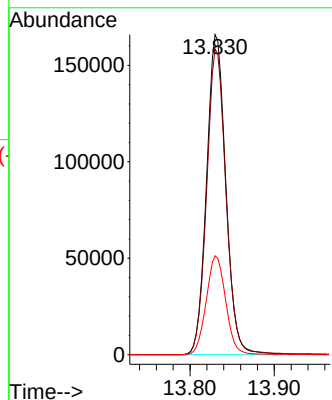
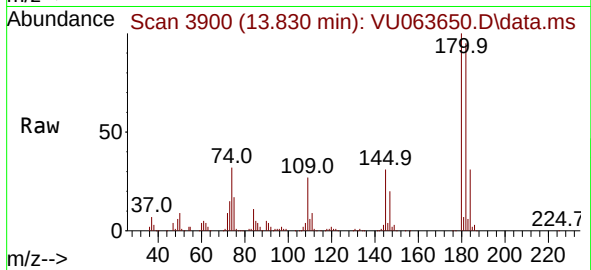
Tgt Ion:180 Resp: 263773

Ion Ratio Lower Upper

180 100

182 96.4 47.0 141.0

145 31.3 16.0 48.0



#94

Hexachlorobutadiene

Concen: 95.640 ug/l

RT: 14.013 min Scan# 3957

Delta R.T. 0.000 min

Lab File: VU063650.D

Acq: 25 Sep 2025 18:45

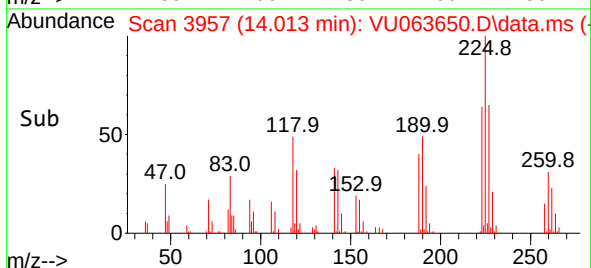
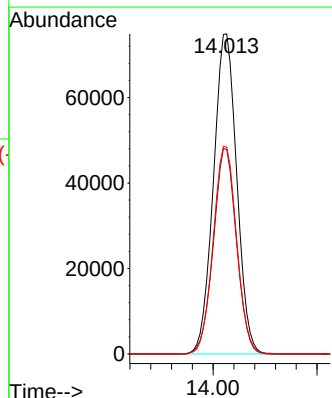
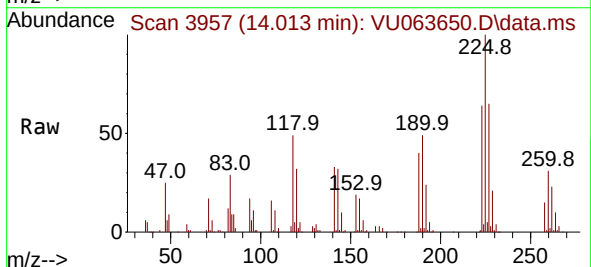
Tgt Ion:225 Resp: 116683

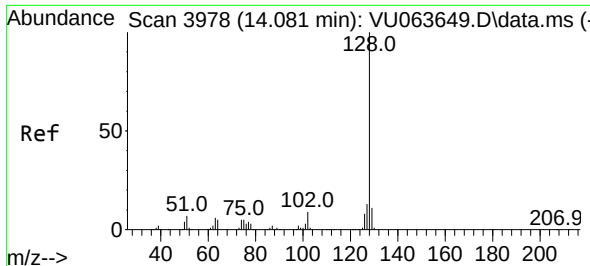
Ion Ratio Lower Upper

225 100

223 63.4 31.1 93.3

227 65.2 31.2 93.6

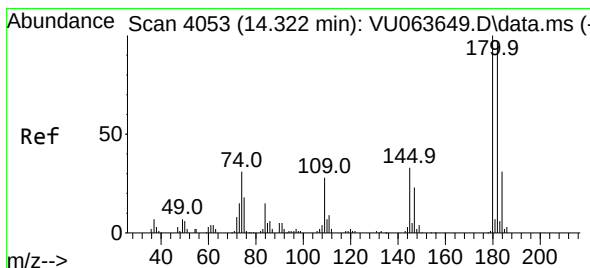
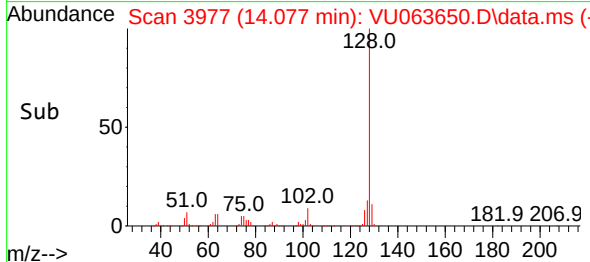
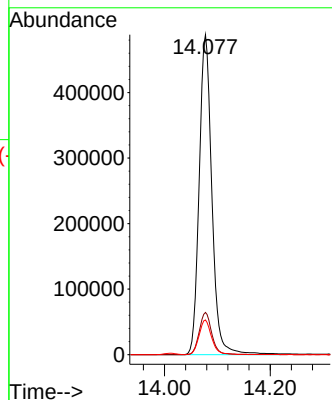
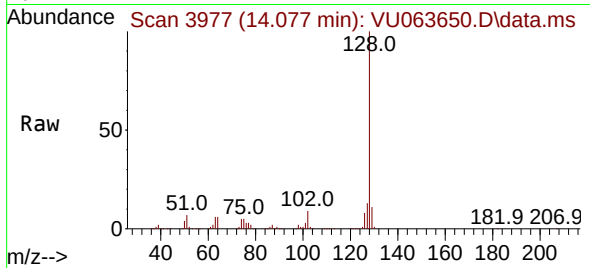




#95
Naphthalene
Concen: 98.911 ug/l
RT: 14.077 min Scan# 3978
Delta R.T. -0.004 min
Lab File: VU063650.D
Acq: 25 Sep 2025 18:45

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 814646
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 106.719 ug/l
RT: 14.319 min Scan# 4052
Delta R.T. -0.003 min
Lab File: VU063650.D
Acq: 25 Sep 2025 18:45

Tgt Ion:180 Resp: 259228
Ion Ratio Lower Upper
180 100
182 94.8 47.1 141.4
145 32.8 16.4 49.1

