

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092625\
 Data File : VU063648.D
 Acq On : 25 Sep 2025 17:56
 Operator : MD/SY
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC020

Quant Time: Sep 26 06:39:28 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	5.361	168	128063	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.235	114	223754	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.409	117	217470	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.804	152	110038	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.692	65	29416	19.060	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	38.120%#
35) Dibromofluoromethane	5.277	113	24658	20.349	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	40.700%#
50) Toluene-d8	7.888	98	74734	19.057	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	38.120%#
62) 4-Bromofluorobenzene	10.624	95	34536	19.639	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	39.280%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	24779	20.784	ug/l	99
3) Chloromethane	1.515	50	30742	19.665	ug/l	97
4) Vinyl Chloride	1.595	62	36777	20.656	ug/l	99
5) Bromomethane	1.830	94	25351	19.467	ug/l	98
6) Chloroethane	1.914	64	24348	20.139	ug/l	97
7) Trichlorofluoromethane	2.123	101	52887	20.206	ug/l	95
8) Diethyl Ether	2.367	74	20167	19.659	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.563	101	29957	20.996	ug/l	100
10) Methyl Iodide	2.705	142	35044	19.813	ug/l	99
11) Tert butyl alcohol	3.177	59	43103	98.373	ug/l	97
12) 1,1-Dichloroethene	2.563	96	29992	21.262	ug/l	98
13) Acrolein	2.477	56	7698	119.284	ug/l	94
14) Allyl chloride	2.907	41	41201	19.708	ug/l	100
15) Acrylonitrile	3.300	53	102769	102.971	ug/l	98
16) Acetone	2.615	43	112343	114.916	ug/l	98
17) Carbon Disulfide	2.776	76	56189	19.486	ug/l	99
18) Methyl Acetate	2.939	43	45698	19.536	ug/l	99
19) Methyl tert-butyl Ether	3.351	73	85007	19.529	ug/l	100
20) Methylene Chloride	3.030	84	32858	20.447	ug/l	97
21) trans-1,2-Dichloroethene	3.338	96	28374	20.462	ug/l	98
22) Diisopropyl ether	3.981	45	85666	19.913	ug/l	90
23) Vinyl Acetate	3.943	43	308441	98.263	ug/l	98
24) 1,1-Dichloroethane	3.853	63	53827	19.933	ug/l	99
25) 2-Butanone	4.695	43	128957	102.170	ug/l	98
26) 2,2-Dichloropropane	4.647	77	33343	19.311	ug/l	99
27) cis-1,2-Dichloroethene	4.653	96	34281	19.846	ug/l	98
28) Bromochloromethane	4.955	49	26097	22.318	ug/l	94
29) Tetrahydrofuran	5.039	42	88507	102.111	ug/l	98
30) Chloroform	5.074	83	57552	19.948	ug/l	97
31) Cyclohexane	5.370	56	48645	19.868	ug/l	94
32) 1,1,1-Trichloroethane	5.300	97	44434	19.661	ug/l	98
36) 1,1-Dichloropropene	5.515	75	37342	19.648	ug/l	98
37) Ethyl Acetate	4.801	43	41487	15.970	ug/l #	94
38) Carbon Tetrachloride	5.505	117	33749	18.820	ug/l	98
39) Methylcyclohexane	6.750	83	46955	19.649	ug/l	96
40) Benzene	5.763	78	125485	20.343	ug/l	98

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.965	41	22534	20.077	ug/l	96
42) 1,2-Dichloroethane	5.782	62	44473	19.729	ug/l	99
43) Isopropyl Acetate	5.901	43	63544	19.718	ug/l	99
44) Trichloroethene	6.531	130	31338	19.579	ug/l	96
45) 1,2-Dichloropropane	6.775	63	31040	20.023	ug/l	99
46) Dibromomethane	6.907	93	24028	19.975	ug/l	96
47) Bromodichloromethane	7.094	83	37568	19.058	ug/l	99
48) Methyl methacrylate	6.952	41	30712	17.821	ug/l	96
49) 1,4-Dioxane	6.955	88	18055	397.763	ug/l	97
51) 4-Methyl-2-Pentanone	7.779	43	250685	98.479	ug/l	98
52) Toluene	7.959	92	73337	19.573	ug/l	96
53) t-1,3-Dichloropropene	8.200	75	27532	17.515	ug/l	98
54) cis-1,3-Dichloropropene	7.598	75	34103	18.289	ug/l	97
55) 1,1,2-Trichloroethane	8.389	97	30510	19.786	ug/l	98
56) Ethyl methacrylate	8.325	69	41189	19.104	ug/l	99
57) 1,3-Dichloropropane	8.563	76	51077	19.618	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.460	63	5099	101.312	ug/l	96
59) 2-Hexanone	8.672	43	180227	96.540	ug/l	98
60) Dibromochloromethane	8.798	129	25351	18.044	ug/l	96
61) 1,2-Dibromoethane	8.914	107	31395	20.246	ug/l	97
64) Tetrachloroethene	8.541	164	30737	19.151	ug/l	98
65) Chlorobenzene	9.438	112	86653	19.395	ug/l	96
66) 1,1,1,2-Tetrachloroethane	9.524	131	24413	18.939	ug/l	98
67) Ethyl Benzene	9.563	91	143699	19.157	ug/l	98
68) m/p-Xylenes	9.685	106	106200	37.930	ug/l	99
69) o-Xylene	10.090	106	51780	19.100	ug/l	98
70) Styrene	10.110	104	84703	19.264	ug/l	99
71) Bromoform	10.280	173	16540	17.727	ug/l #	99
73) Isopropylbenzene	10.473	105	137789	19.715	ug/l	98
74) N-amyl acetate	10.312	43	46832	19.280	ug/l	96
75) 1,1,2,2-Tetrachloroethane	10.772	83	50736	19.655	ug/l	100
76) 1,2,3-Trichloropropane	10.814	75	51607	19.376	ug/l #	100
77) Bromobenzene	10.775	156	34623	19.445	ug/l	99
78) n-propylbenzene	10.897	91	159824	19.359	ug/l	99
79) 2-Chlorotoluene	10.978	91	100608	19.145	ug/l	99
80) 1,3,5-Trimethylbenzene	11.077	105	116319	19.707	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.534	75	6811	16.197	ug/l	86
82) 4-Chlorotoluene	11.090	91	113865	19.727	ug/l	99
83) tert-Butylbenzene	11.412	119	108844	19.172	ug/l	99
84) 1,2,4-Trimethylbenzene	11.460	105	112037	19.279	ug/l	99
85) sec-Butylbenzene	11.634	105	145685	19.656	ug/l	99
86) p-Isopropyltoluene	11.785	119	116206	19.075	ug/l	99
87) 1,3-Dichlorobenzene	11.740	146	63716	19.217	ug/l	98
88) 1,4-Dichlorobenzene	11.827	146	65543	18.839	ug/l	98
89) n-Butylbenzene	12.200	91	104535	19.253	ug/l	97
90) Hexachloroethane	12.463	117	13853	18.615	ug/l	97
91) 1,2-Dichlorobenzene	12.206	146	63071	19.466	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.991	75	9181	19.184	ug/l	97
93) 1,2,4-Trichlorobenzene	13.833	180	34375	18.524	ug/l	98
94) Hexachlorobutadiene	14.013	225	17020	18.212	ug/l	98
95) Naphthalene	14.084	128	93364	18.147	ug/l	99
96) 1,2,3-Trichlorobenzene	14.322	180	33073	17.774	ug/l	100

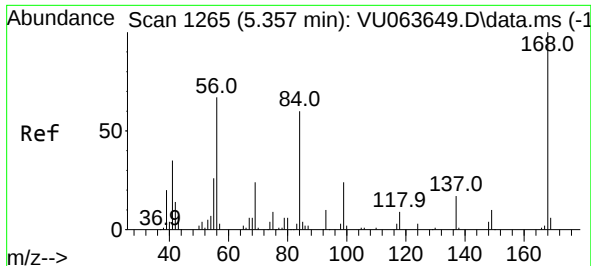
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Response via : Initial Calibration

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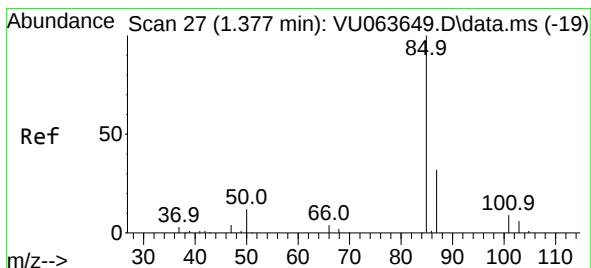
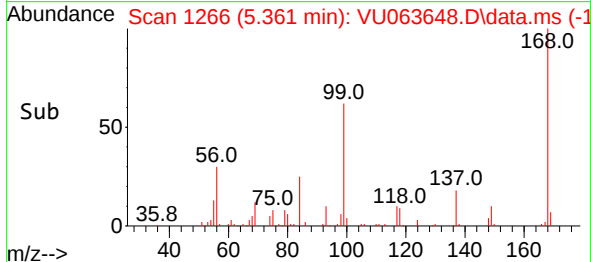
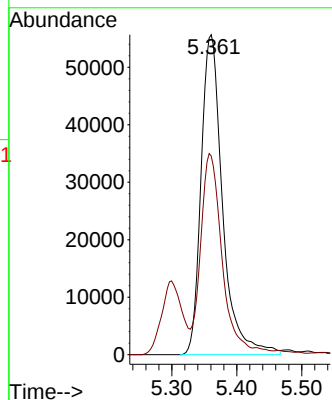
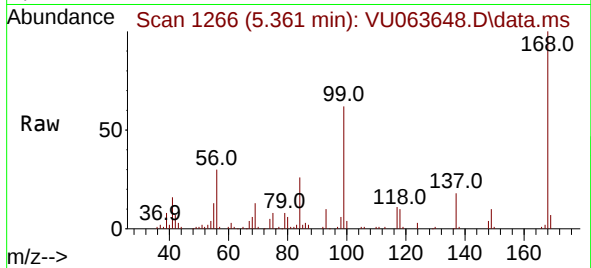
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.361 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU063648.D
Acq: 25 Sep 2025 17:56

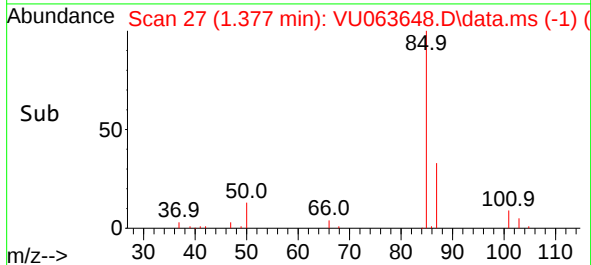
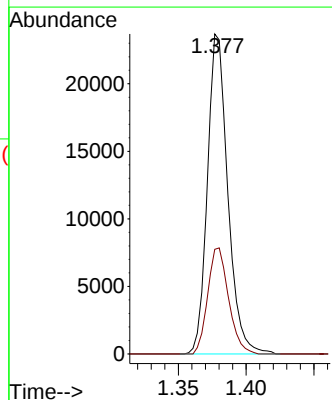
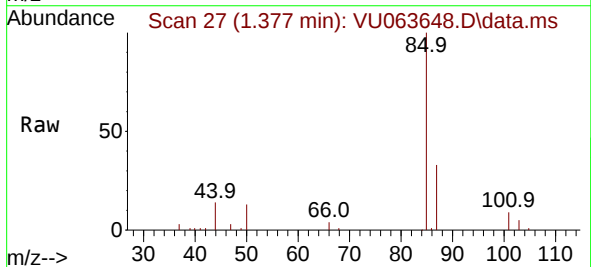
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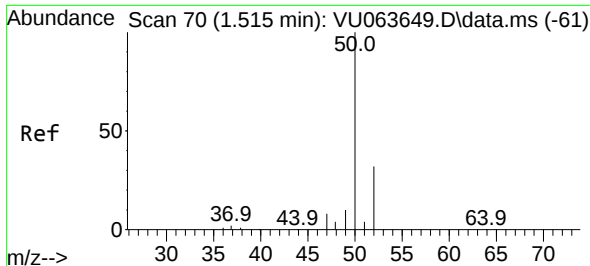
Tgt Ion:168 Resp: 128063
Ion Ratio Lower Upper
168 100
99 60.8 48.7 73.1



#2
Dichlorodifluoromethane
Concen: 20.784 ug/l
RT: 1.377 min Scan# 27
Delta R.T. -0.000 min
Lab File: VU063648.D
Acq: 25 Sep 2025 17:56

Tgt Ion: 85 Resp: 24779
Ion Ratio Lower Upper
85 100
87 32.7 16.1 48.2

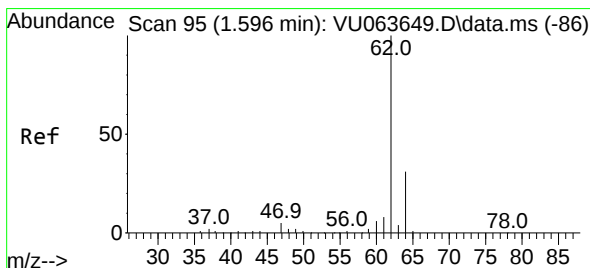
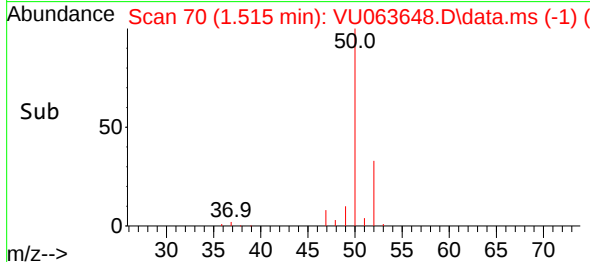
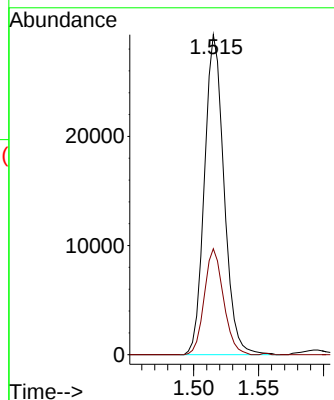
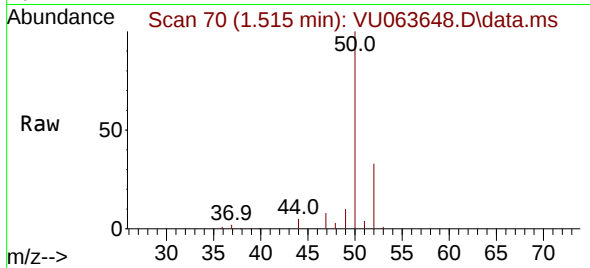




#3
Chloromethane
Concen: 19.665 ug/l
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU063648.D
Acq: 25 Sep 2025 17:56

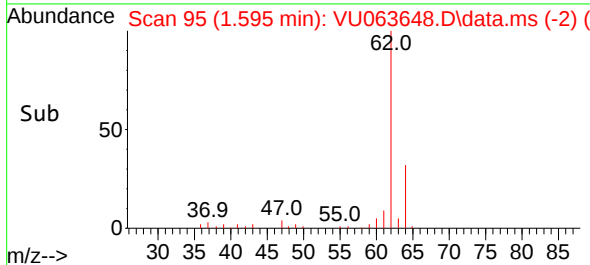
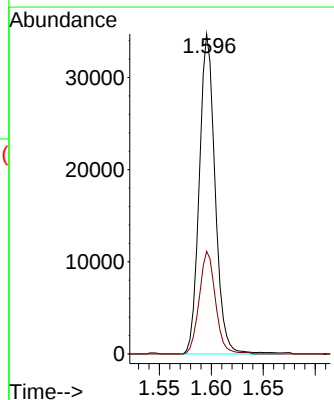
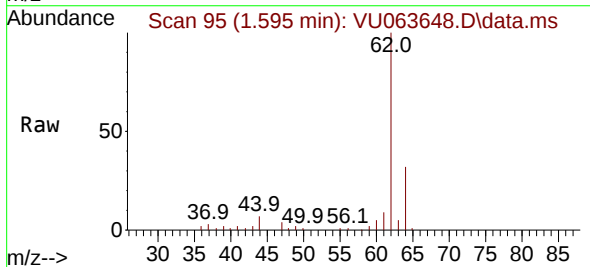
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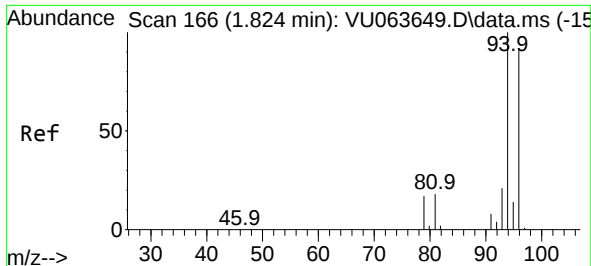
Tgt Ion: 50 Resp: 30742
Ion Ratio Lower Upper
50 100
52 33.1 25.4 38.0



#4
Vinyl Chloride
Concen: 20.656 ug/l
RT: 1.595 min Scan# 95
Delta R.T. -0.000 min
Lab File: VU063648.D
Acq: 25 Sep 2025 17:56

Tgt Ion: 62 Resp: 36777
Ion Ratio Lower Upper
62 100
64 32.1 25.2 37.8

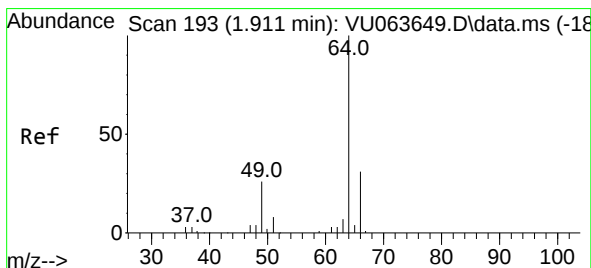
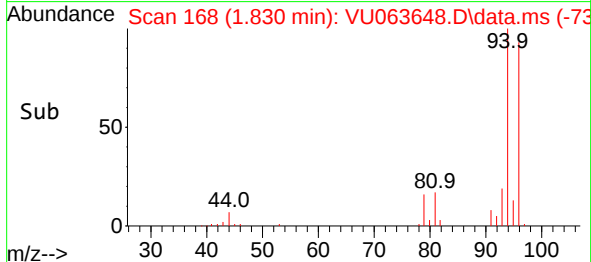
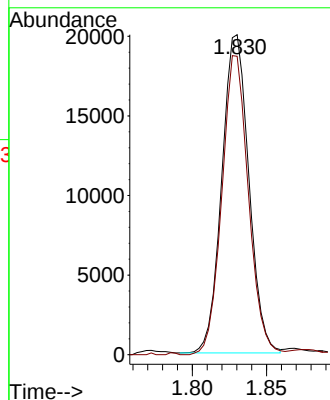
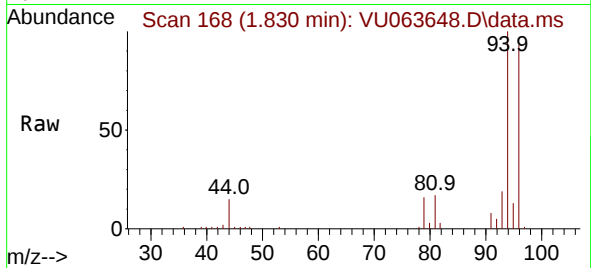




#5
Bromomethane
Concen: 19.467 ug/l
RT: 1.830 min Scan# 1
Delta R.T. 0.006 min
Lab File: VU063648.D
Acq: 25 Sep 2025 17:56

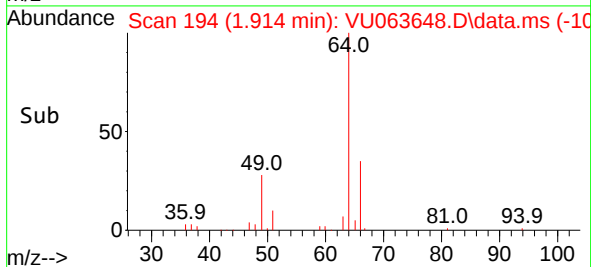
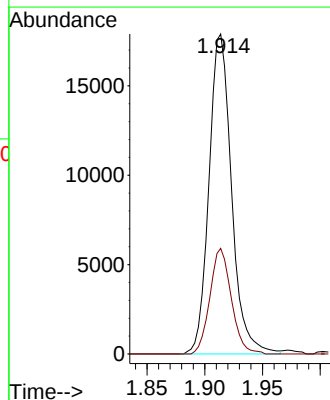
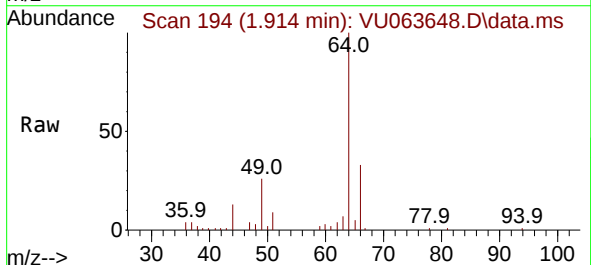
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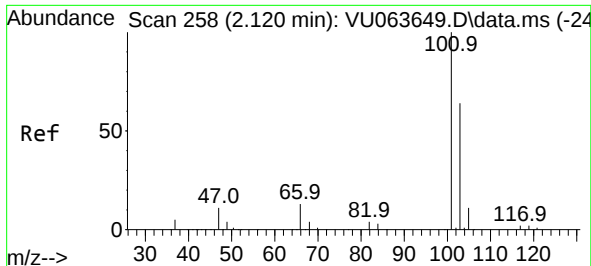
Tgt Ion: 94 Resp: 25351
Ion Ratio Lower Upper
94 100
96 93.8 73.7 110.5



#6
Chloroethane
Concen: 20.139 ug/l
RT: 1.914 min Scan# 194
Delta R.T. 0.003 min
Lab File: VU063648.D
Acq: 25 Sep 2025 17:56

Tgt Ion: 64 Resp: 24348
Ion Ratio Lower Upper
64 100
66 33.0 24.9 37.3

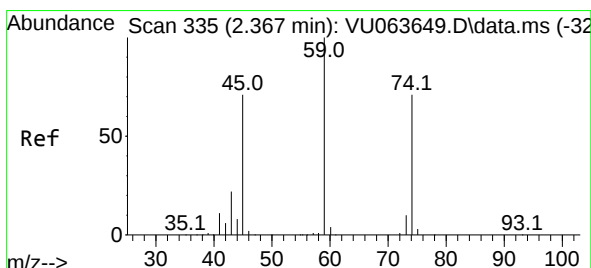
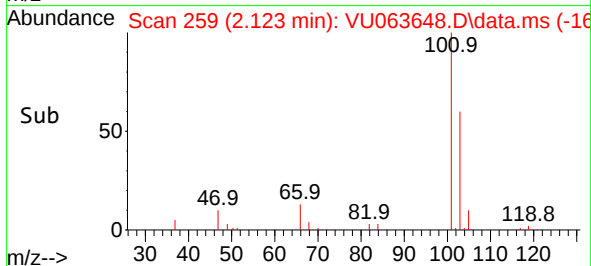
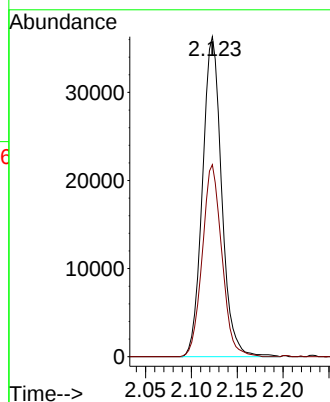
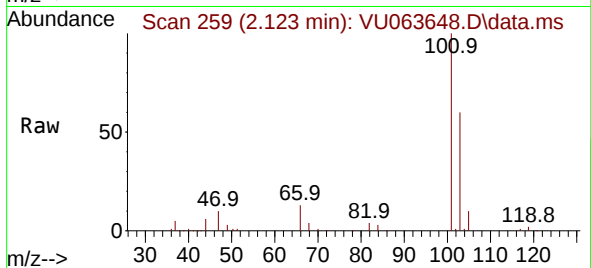




#7
Trichlorofluoromethane
Concen: 20.206 ug/l
RT: 2.123 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063648.D
Acq: 25 Sep 2025 17:56

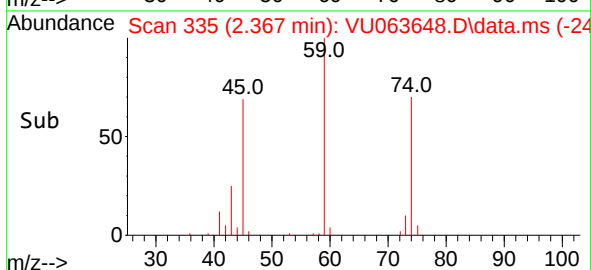
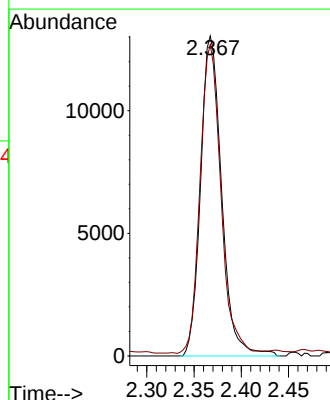
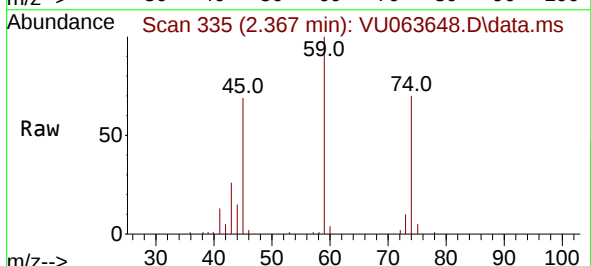
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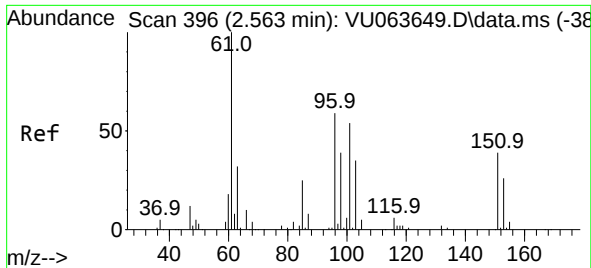
Tgt Ion:101 Resp: 52887
Ion Ratio Lower Upper
101 100
103 60.0 51.3 76.9



#8
Diethyl Ether
Concen: 19.659 ug/l
RT: 2.367 min Scan# 335
Delta R.T. -0.000 min
Lab File: VU063648.D
Acq: 25 Sep 2025 17:56

Tgt Ion: 74 Resp: 20167
Ion Ratio Lower Upper
74 100
45 94.9 50.1 150.4

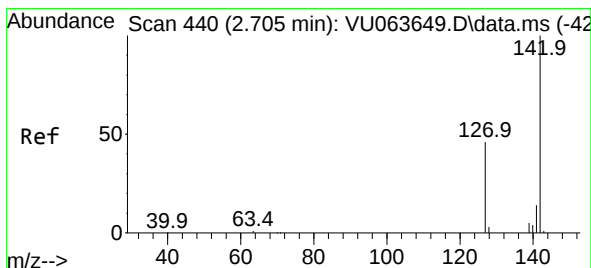
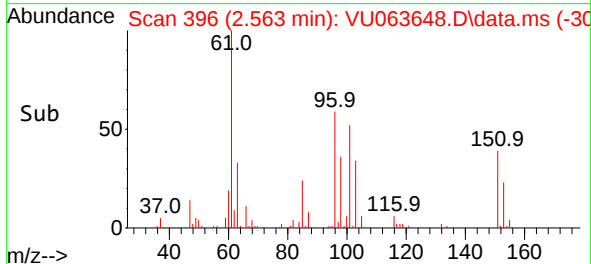
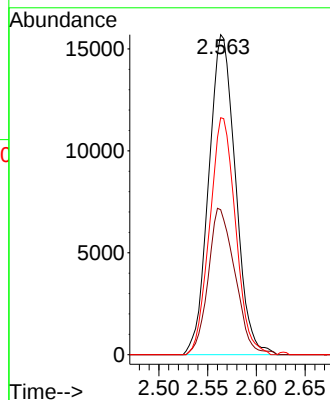
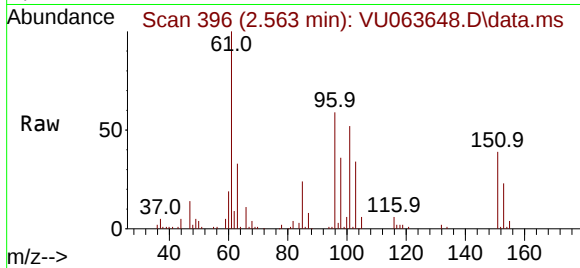




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.996 ug/l
RT: 2.563 min Scan# 396
Delta R.T. -0.000 min
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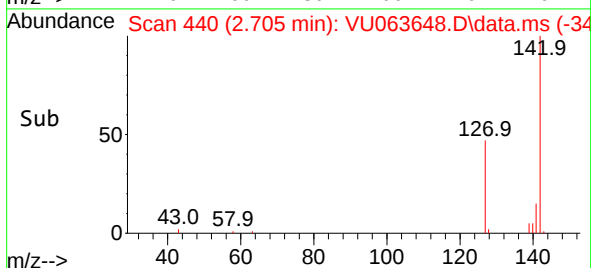
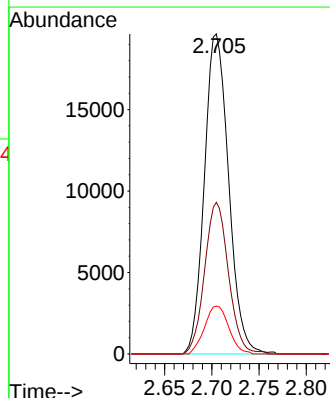
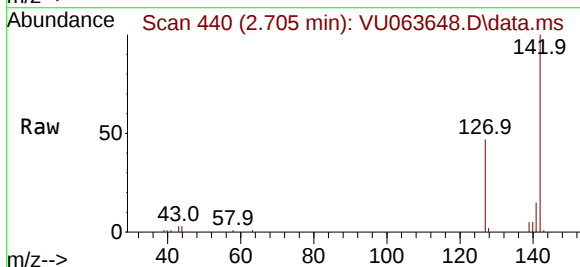
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

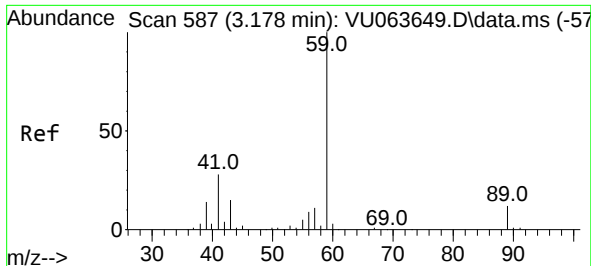
Tgt Ion:	101	Resp:	29957
Ion	Ratio	Lower	Upper
101	100		
85	45.7	36.8	55.2
151	71.8	57.2	85.8



#10
Methyl Iodide
Concen: 19.813 ug/l
RT: 2.705 min Scan# 440
Delta R.T. -0.000 min
Lab File: VU063648.D
Acq: 25 Sep 2025 17:56

Tgt Ion:	142	Resp:	35044
Ion	Ratio	Lower	Upper
142	100		
127	46.6	37.1	55.7
141	14.9	11.2	16.8

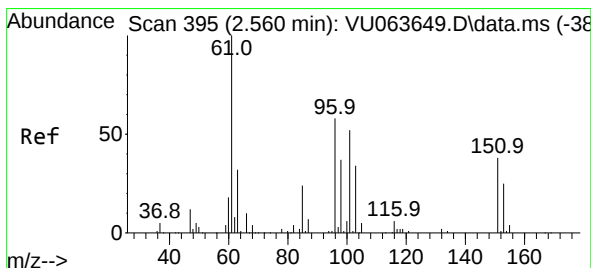
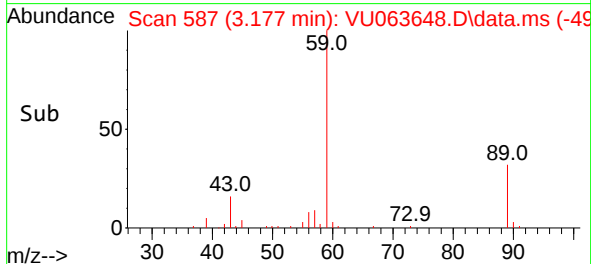
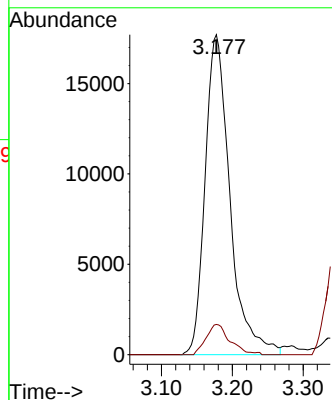
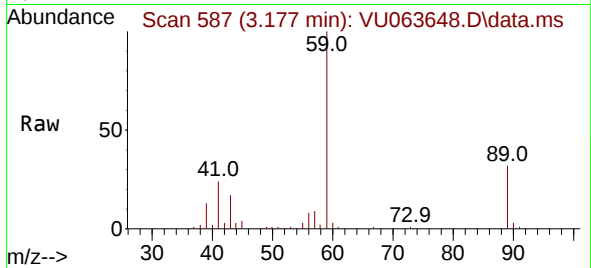




#11
Tert butyl alcohol
Concen: 98.373 ug/l
RT: 3.177 min Scan# 587
Delta R.T. -0.001 min
Lab File: VU063648.D
Acq: 25 Sep 2025 17:56

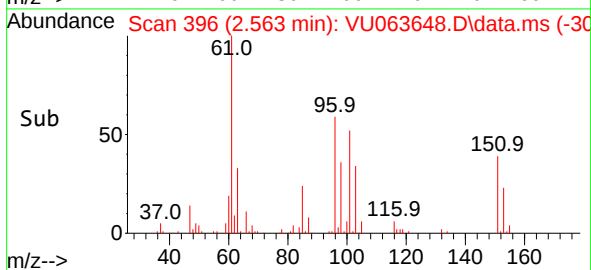
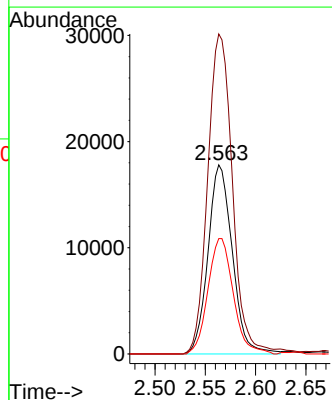
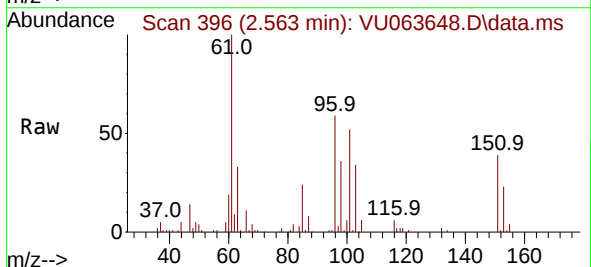
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

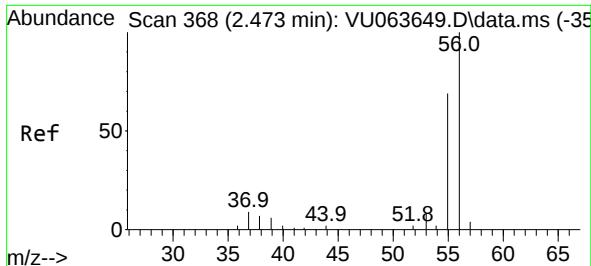
Tgt Ion: 59 Resp: 43103
Ion Ratio Lower Upper
59 100
57 9.1 8.2 12.2



#12
1,1-Dichloroethene
Concen: 21.262 ug/l
RT: 2.563 min Scan# 396
Delta R.T. 0.003 min
Lab File: VU063648.D
Acq: 25 Sep 2025 17:56

Tgt Ion: 96 Resp: 29992
Ion Ratio Lower Upper
96 100
61 169.2 137.5 206.3
98 61.0 51.3 76.9

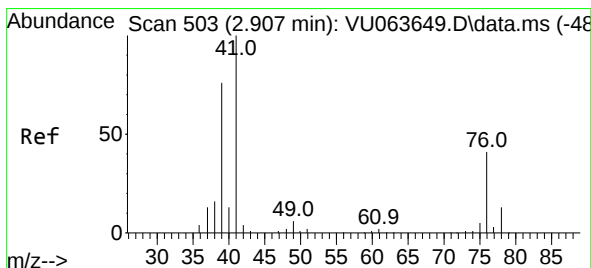
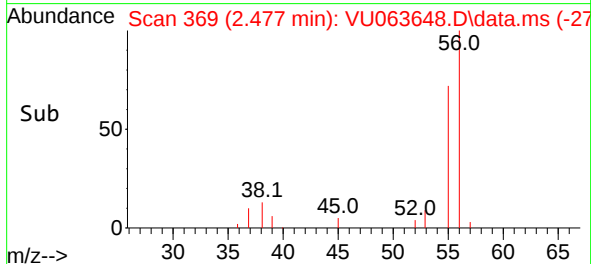
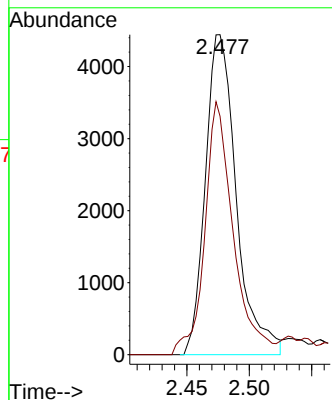
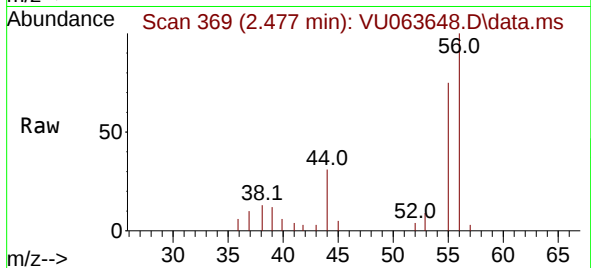




#13
Acrolein
Concen: 119.284 ug/l
RT: 2.477 min Scan# 368
Delta R.T. 0.003 min
Lab File: VU063648.D
Acq: 25 Sep 2025 17:56

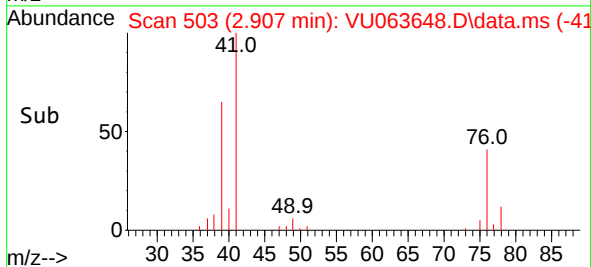
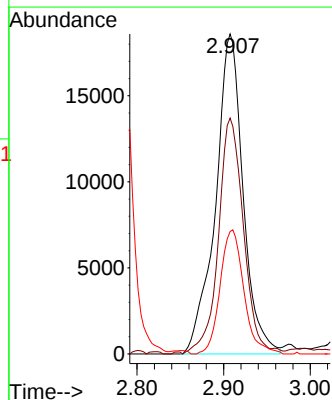
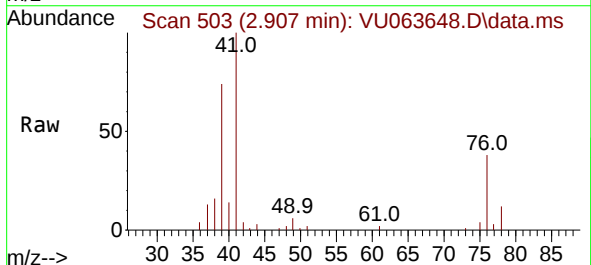
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

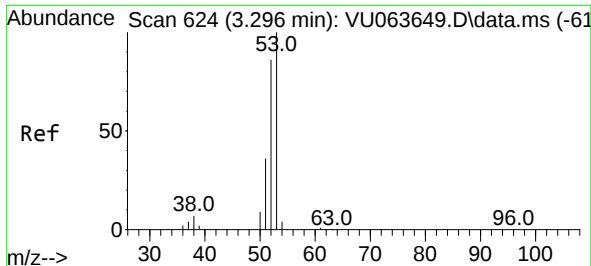
Tgt Ion: 56 Resp: 7698
Ion Ratio Lower Upper
56 100
55 72.3 62.1 93.1



#14
Allyl chloride
Concen: 19.708 ug/l
RT: 2.907 min Scan# 503
Delta R.T. -0.000 min
Lab File: VU063648.D
Acq: 25 Sep 2025 17:56

Tgt Ion: 41 Resp: 41201
Ion Ratio Lower Upper
41 100
39 67.0 53.5 80.3
76 33.4 26.7 40.1

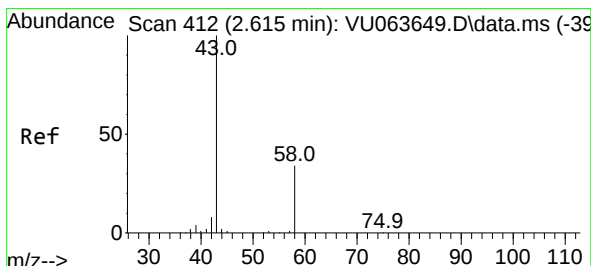
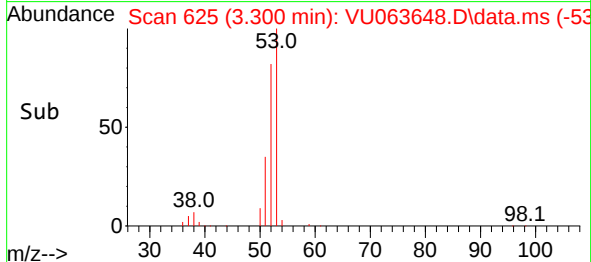
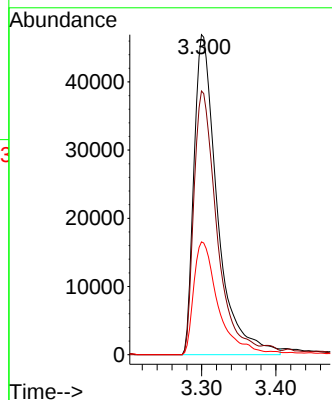
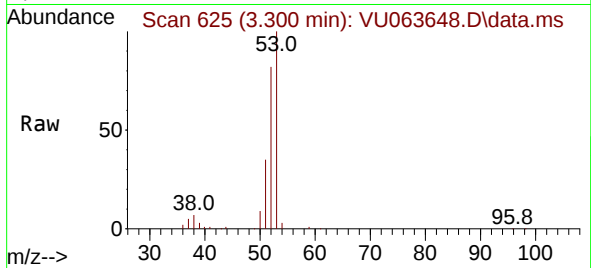




#15
Acrylonitrile
Concen: 102.971 ug/l
RT: 3.300 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU063648.D
Acq: 25 Sep 2025 17:56

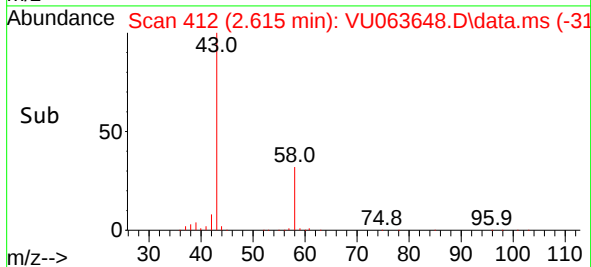
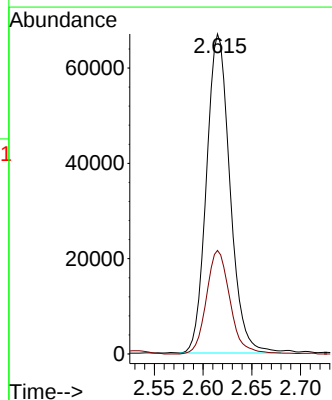
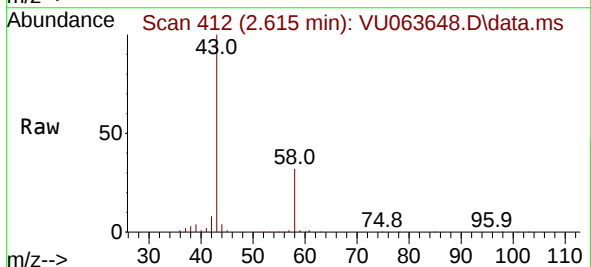
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

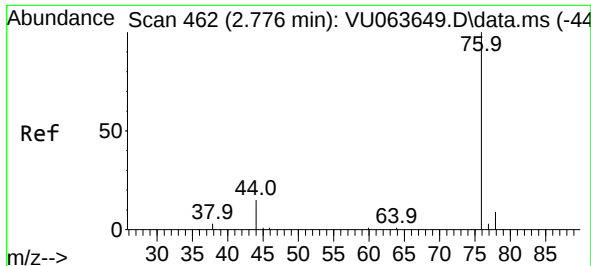
Tgt Ion: 53 Resp: 102769
Ion Ratio Lower Upper
53 100
52 81.0 66.6 99.8
51 36.7 28.9 43.3



#16
Acetone
Concen: 114.916 ug/l
RT: 2.615 min Scan# 412
Delta R.T. -0.000 min
Lab File: VU063648.D
Acq: 25 Sep 2025 17:56

Tgt Ion: 43 Resp: 112343
Ion Ratio Lower Upper
43 100
58 32.5 26.9 40.3

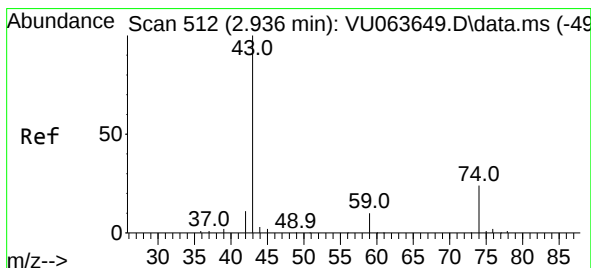
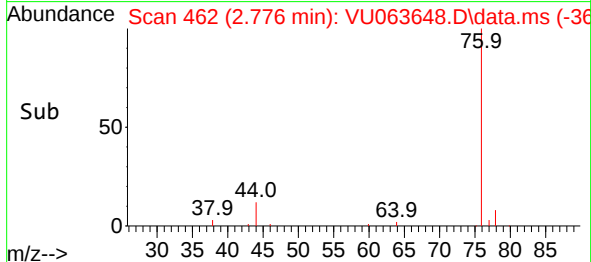
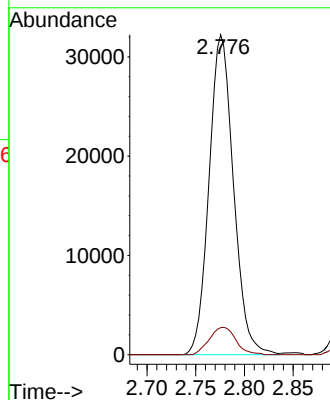
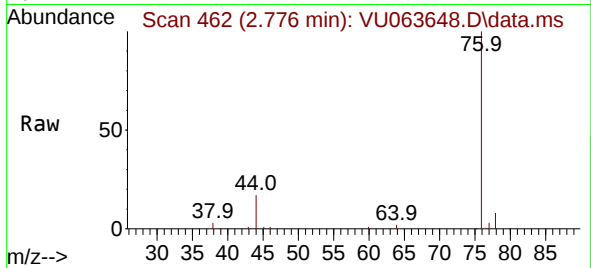




#17
Carbon Disulfide
Concen: 19.486 ug/l
RT: 2.776 min Scan# 462
Delta R.T. -0.000 min
Lab File: VU063648.D
Acq: 25 Sep 2025 17:56

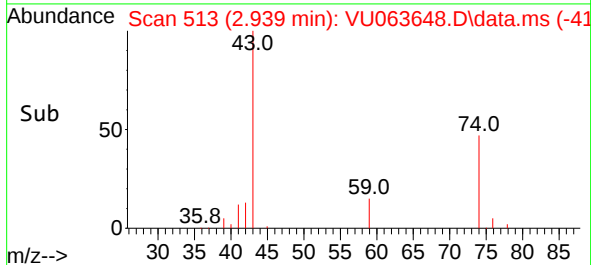
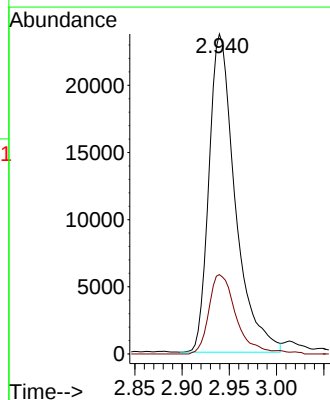
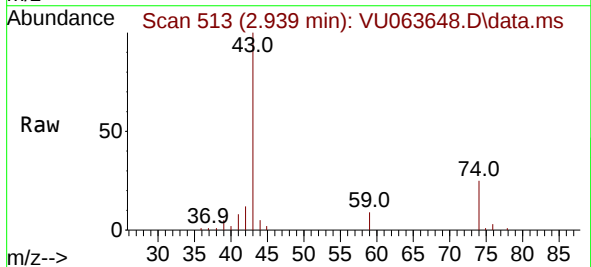
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

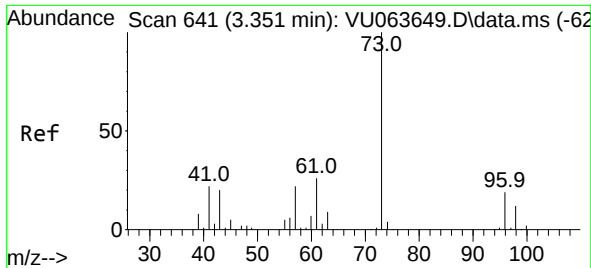
Tgt Ion: 76 Resp: 56189
Ion Ratio Lower Upper
76 100
78 8.5 7.2 10.8



#18
Methyl Acetate
Concen: 19.536 ug/l
RT: 2.939 min Scan# 513
Delta R.T. 0.003 min
Lab File: VU063648.D
Acq: 25 Sep 2025 17:56

Tgt Ion: 43 Resp: 45698
Ion Ratio Lower Upper
43 100
74 25.6 20.1 30.1

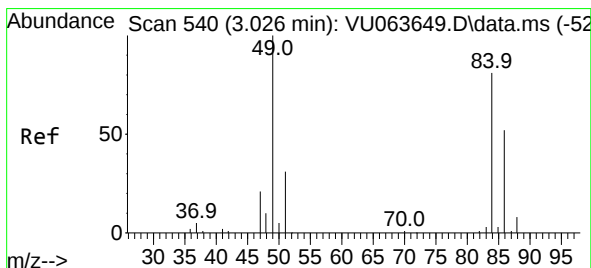
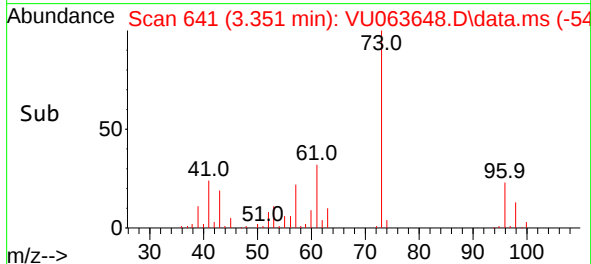
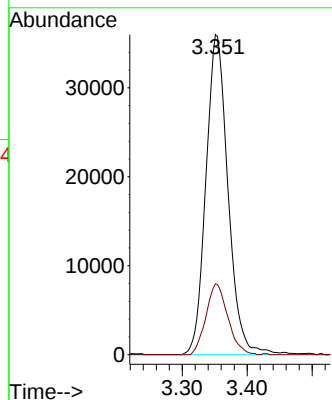
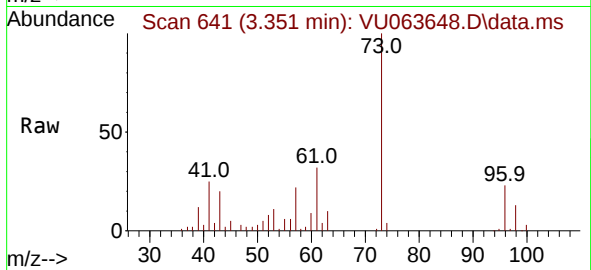




#19
Methyl tert-butyl Ether
Concen: 19.529 ug/l
RT: 3.351 min Scan# 641
Delta R.T. -0.000 min
Lab File: VU063648.D
Acq: 25 Sep 2025 17:56

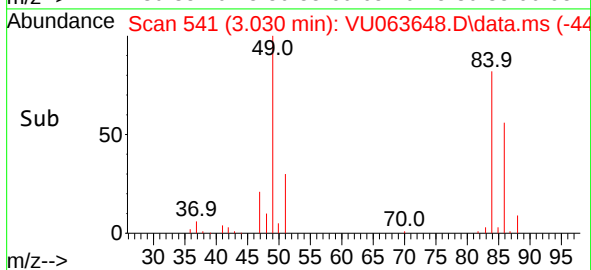
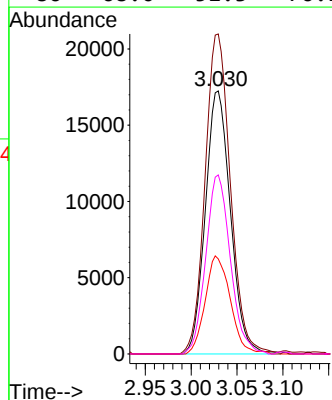
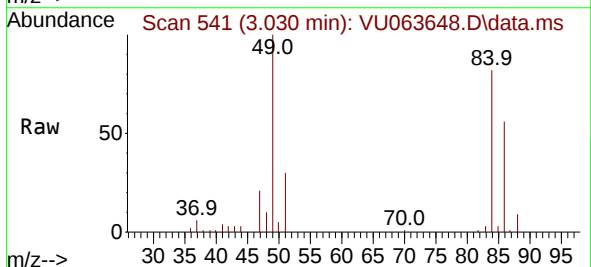
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

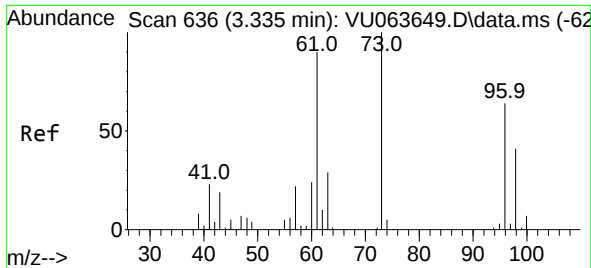
Tgt Ion: 73 Resp: 85007
Ion Ratio Lower Upper
73 100
57 22.1 17.6 26.4



#20
Methylene Chloride
Concen: 20.447 ug/l
RT: 3.030 min Scan# 541
Delta R.T. 0.004 min
Lab File: VU063648.D
Acq: 25 Sep 2025 17:56

Tgt Ion: 84 Resp: 32858
Ion Ratio Lower Upper
84 100
49 121.7 98.4 147.6
51 36.1 30.7 46.1
86 68.0 51.3 76.9

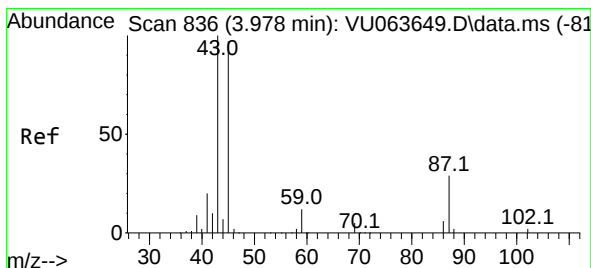
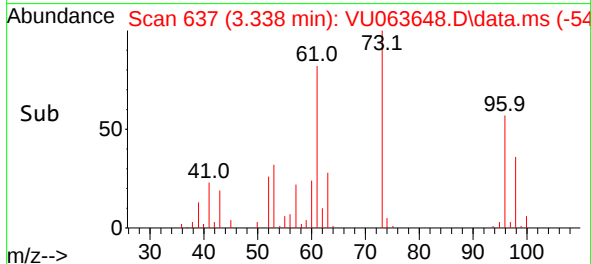
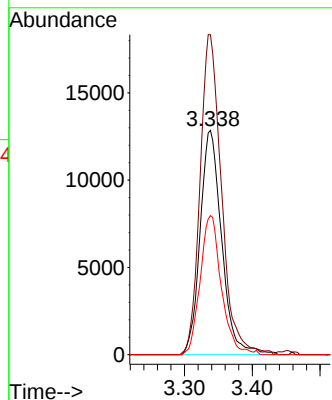
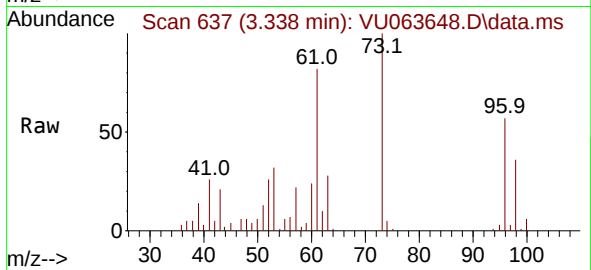




#21
trans-1,2-Dichloroethene
Concen: 20.462 ug/l
RT: 3.338 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU063648.D
Acq: 25 Sep 2025 17:56

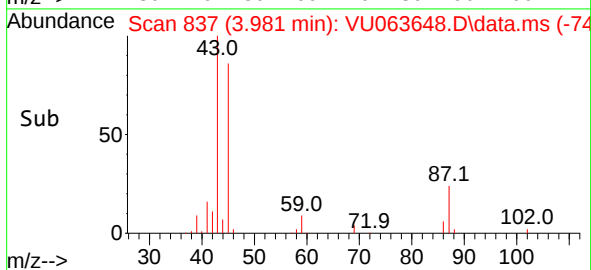
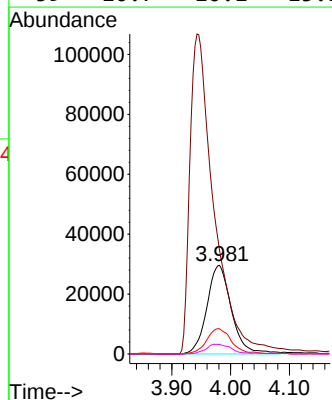
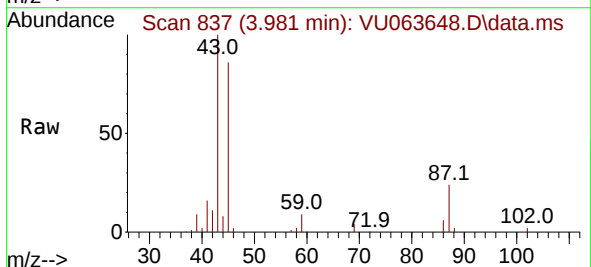
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

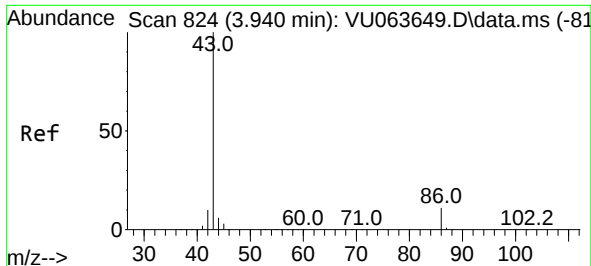
Tgt Ion: 96 Resp: 28374
Ion Ratio Lower Upper
96 100
61 142.7 111.3 166.9
98 62.0 50.5 75.7



#22
Diisopropyl ether
Concen: 19.913 ug/l
RT: 3.981 min Scan# 837
Delta R.T. 0.003 min
Lab File: VU063648.D
Acq: 25 Sep 2025 17:56

Tgt Ion: 45 Resp: 85666
Ion Ratio Lower Upper
45 100
43 116.3 82.1 123.1
87 28.3 23.8 35.6
59 10.7 10.1 15.1

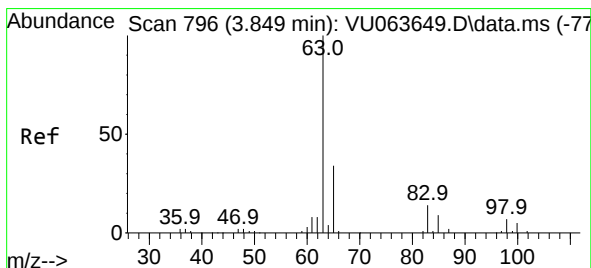
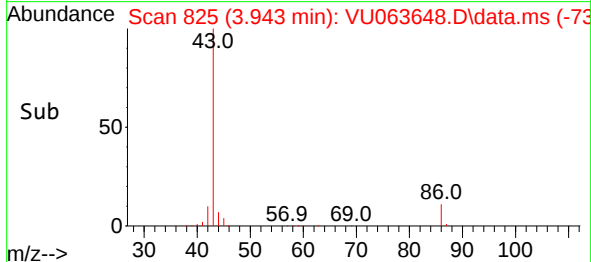
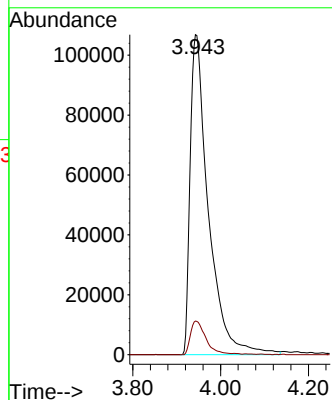
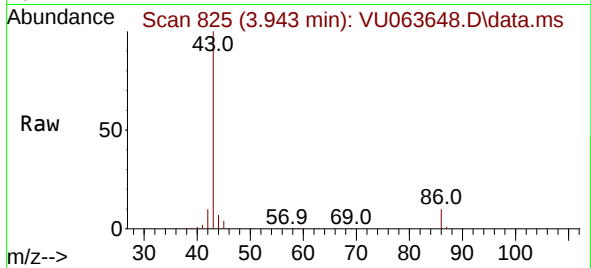




#23
 Vinyl Acetate
 Concen: 98.263 ug/l
 RT: 3.943 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU063648.D
 Acq: 25 Sep 2025 17:56

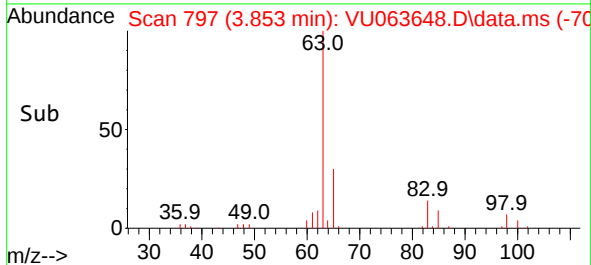
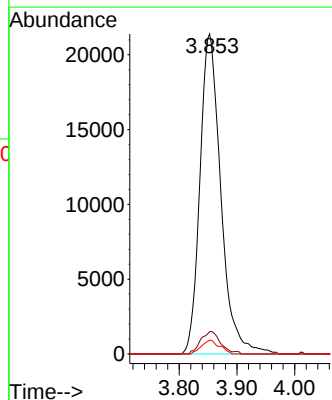
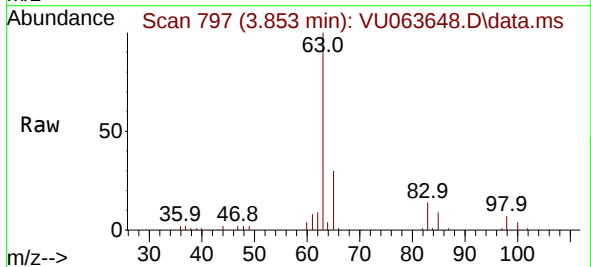
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

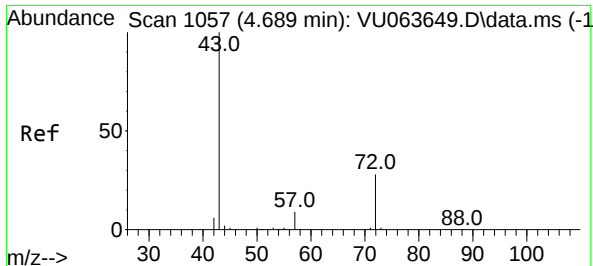
Tgt Ion: 43 Resp: 308441
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 19.933 ug/l
 RT: 3.853 min Scan# 797
 Delta R.T. 0.003 min
 Lab File: VU063648.D
 Acq: 25 Sep 2025 17:56

Tgt Ion: 63 Resp: 53827
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.3 9.9
 100 4.3 2.4 7.1





#25

2-Butanone

Concen: 102.170 ug/l

RT: 4.695 min Scan# 1059

Delta R.T. 0.006 min

Lab File: VU063648.D

Acq: 25 Sep 2025 17:56

Instrument :

MSVOA_U

ClientSampleId :

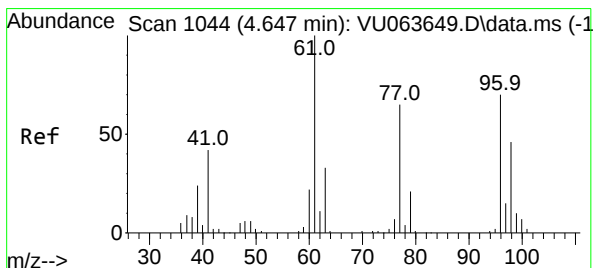
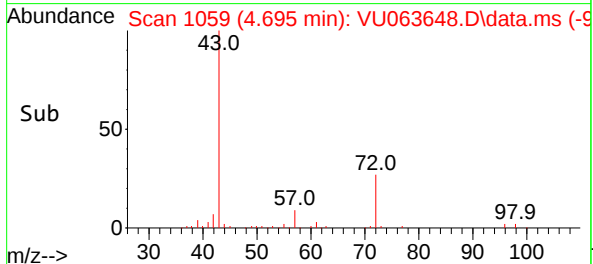
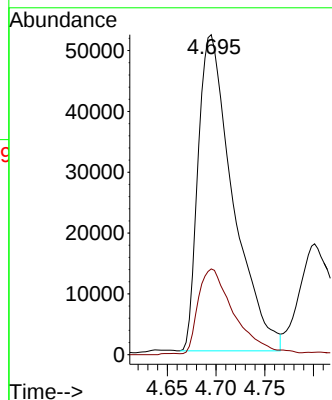
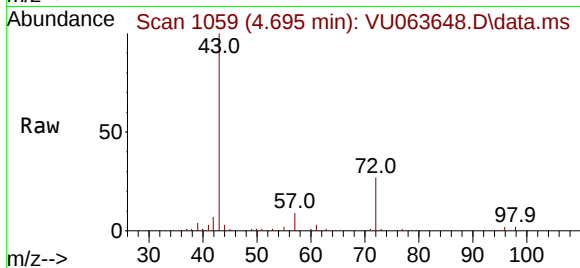
VSTDIC020

Tgt Ion: 43 Resp: 128957

Ion Ratio Lower Upper

43 100

72 26.8 22.2 33.2



#26

2,2-Dichloropropane

Concen: 19.311 ug/l

RT: 4.647 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VU063648.D

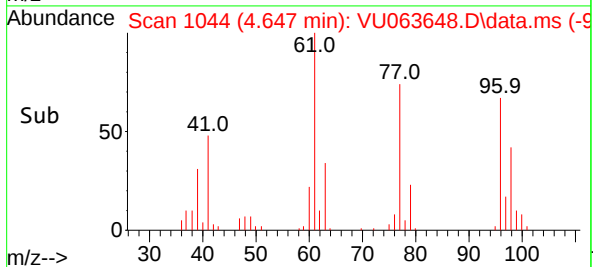
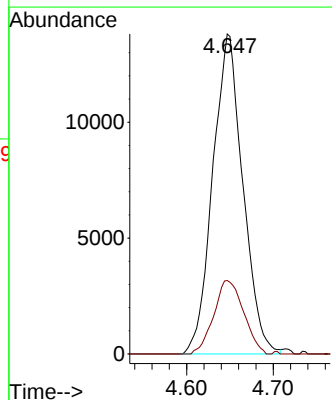
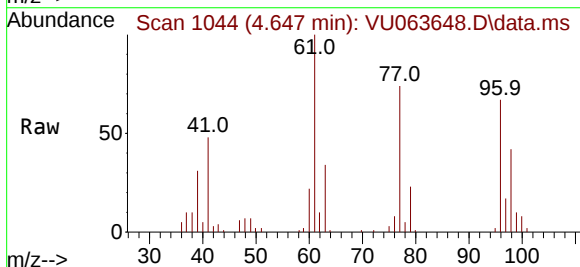
Acq: 25 Sep 2025 17:56

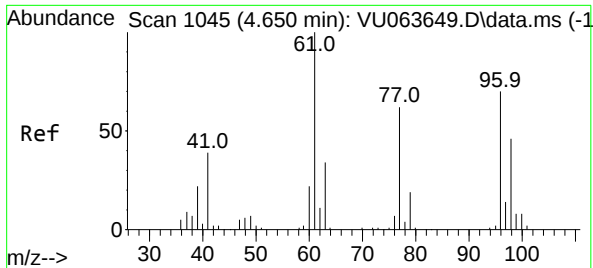
Tgt Ion: 77 Resp: 33343

Ion Ratio Lower Upper

77 100

97 22.7 11.6 34.8

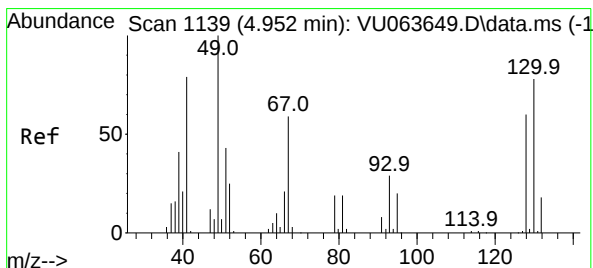
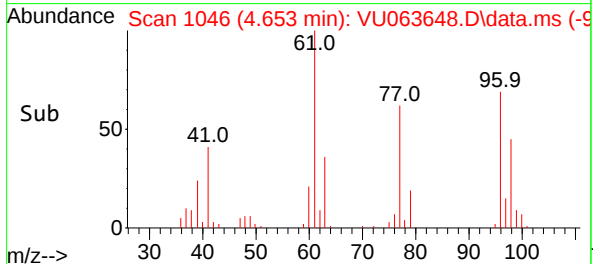
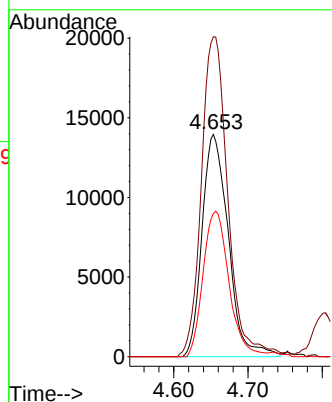
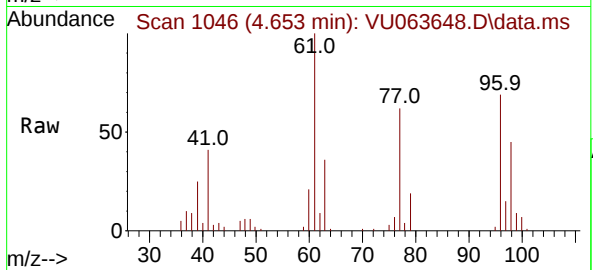




#27
 cis-1,2-Dichloroethene
 Concen: 19.846 ug/l
 RT: 4.653 min Scan# 1140
 Delta R.T. 0.003 min
 Lab File: VU063648.D
 Acq: 25 Sep 2025 17:56

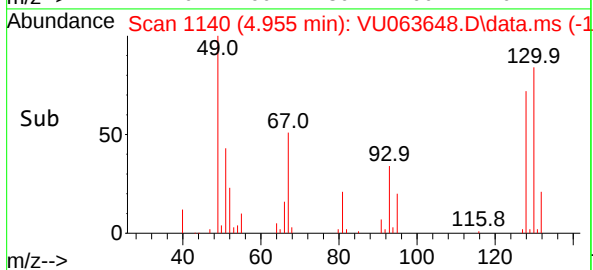
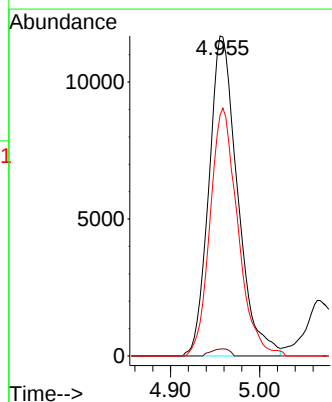
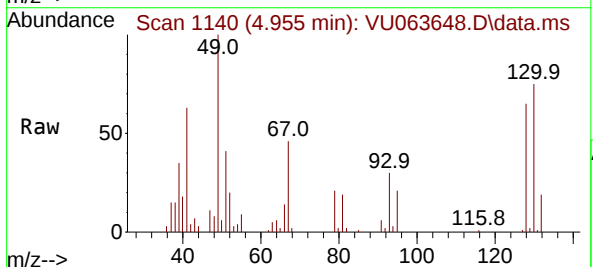
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

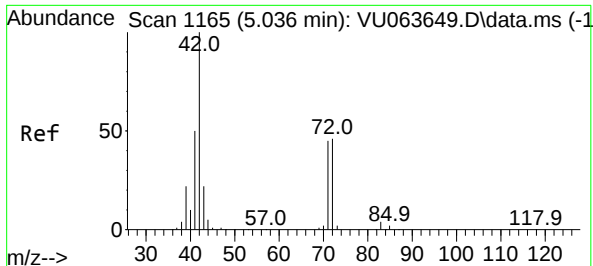
Tgt Ion: 96 Resp: 34281
 Ion Ratio Lower Upper
 96 100
 61 144.7 0.0 295.0
 98 64.4 0.0 130.8



#28
 Bromochloromethane
 Concen: 22.318 ug/l
 RT: 4.955 min Scan# 1140
 Delta R.T. 0.003 min
 Lab File: VU063648.D
 Acq: 25 Sep 2025 17:56

Tgt Ion: 49 Resp: 26097
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 4.4
 130 75.1 64.6 96.8





#29

Tetrahydrofuran

Concen: 102.111 ug/l

RT: 5.039 min Scan# 1166

Delta R.T. 0.003 min

Lab File: VU063648.D

Acq: 25 Sep 2025 17:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC020

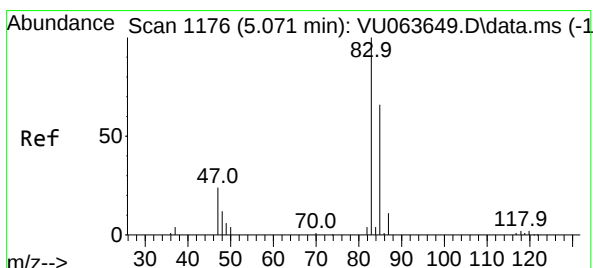
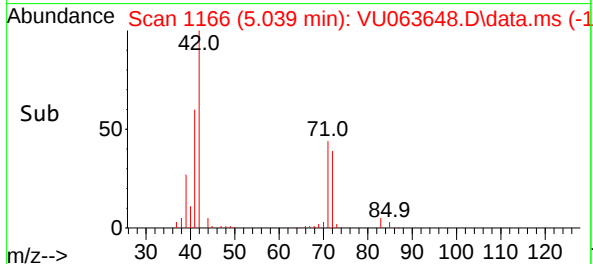
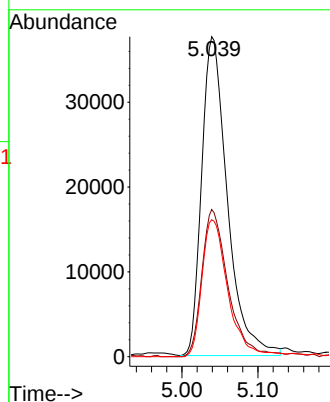
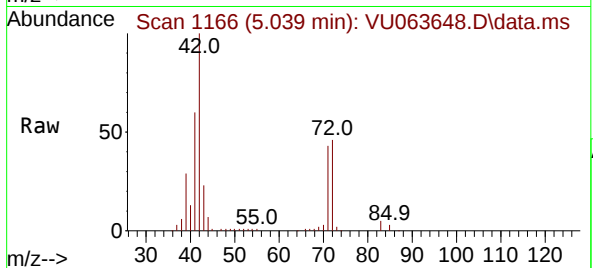
Tgt Ion: 42 Resp: 88507

Ion Ratio Lower Upper

42 100

72 47.1 37.9 56.9

71 42.6 36.0 54.0



#30

Chloroform

Concen: 19.948 ug/l

RT: 5.074 min Scan# 1177

Delta R.T. 0.003 min

Lab File: VU063648.D

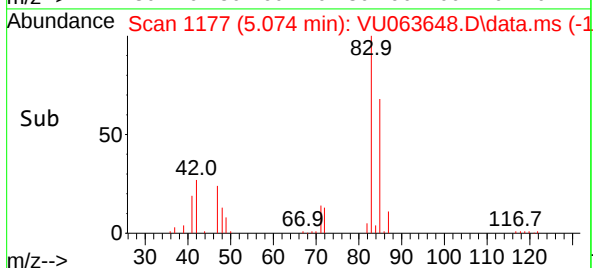
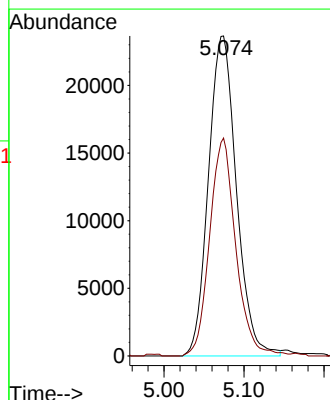
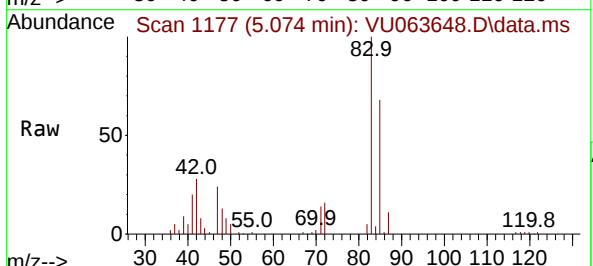
Acq: 25 Sep 2025 17:56

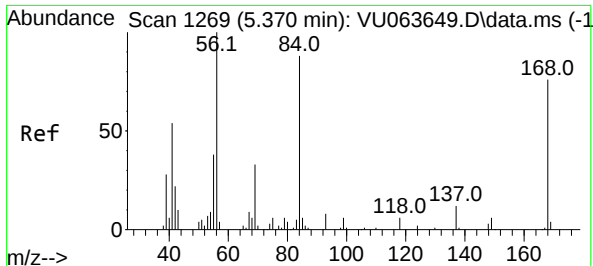
Tgt Ion: 83 Resp: 57552

Ion Ratio Lower Upper

83 100

85 68.1 52.8 79.2

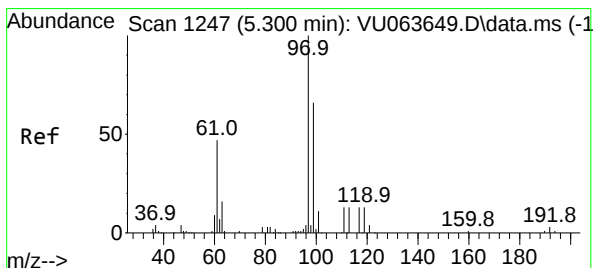
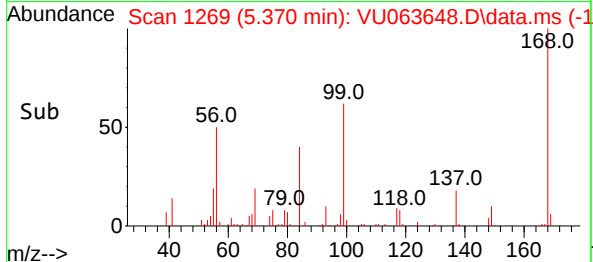
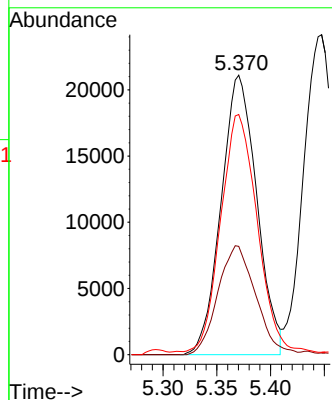
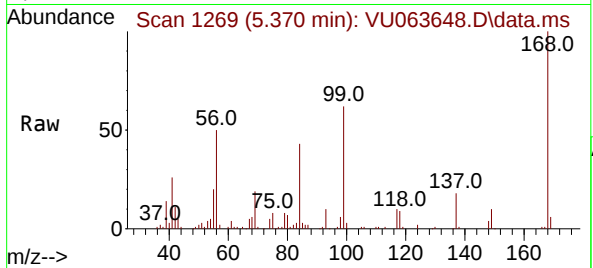




#31
Cyclohexane
Concen: 19.868 ug/l
RT: 5.370 min Scan# 1269
Delta R.T. 0.000 min
Lab File: VU063648.D
Acq: 25 Sep 2025 17:56

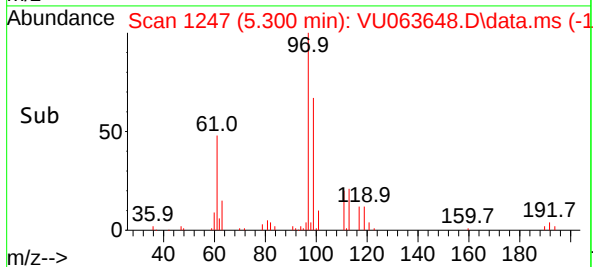
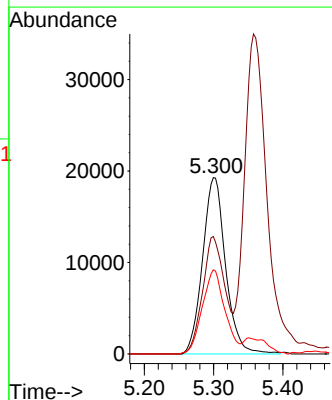
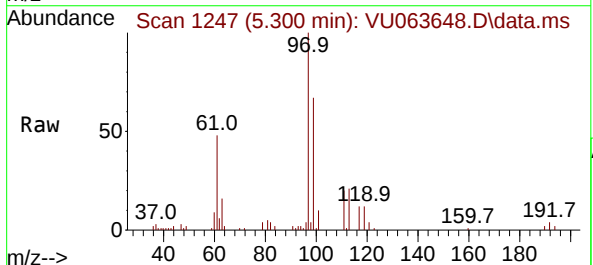
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

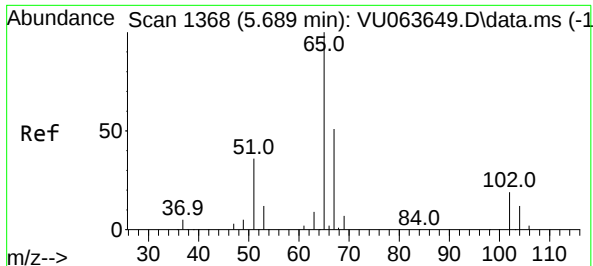
Tgt Ion: 56 Resp: 48645
Ion Ratio Lower Upper
56 100
69 38.8 26.1 39.1
84 84.8 70.7 106.1



#32
1,1,1-Trichloroethane
Concen: 19.661 ug/l
RT: 5.300 min Scan# 1247
Delta R.T. -0.000 min
Lab File: VU063648.D
Acq: 25 Sep 2025 17:56

Tgt Ion: 97 Resp: 44434
Ion Ratio Lower Upper
97 100
99 64.3 49.9 74.9
61 46.9 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 19.060 ug/l

RT: 5.692 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063648.D

Acq: 25 Sep 2025 17:56

Instrument :

MSVOA_U

ClientSampleId :

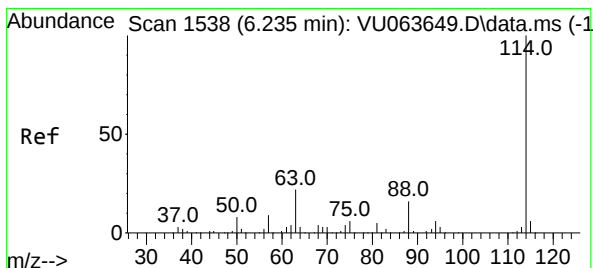
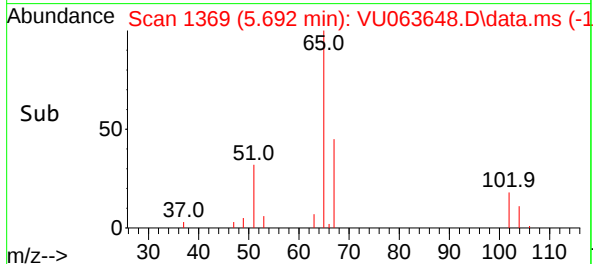
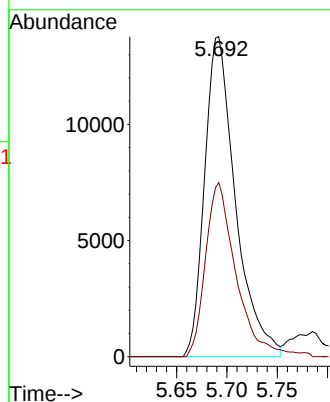
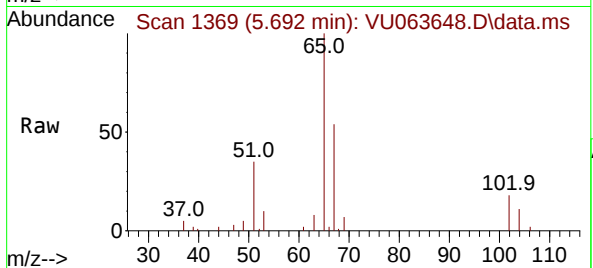
VSTDIC020

Tgt Ion: 65 Resp: 29416

Ion Ratio Lower Upper

65 100

67 53.6 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: VU063648.D

Acq: 25 Sep 2025 17:56

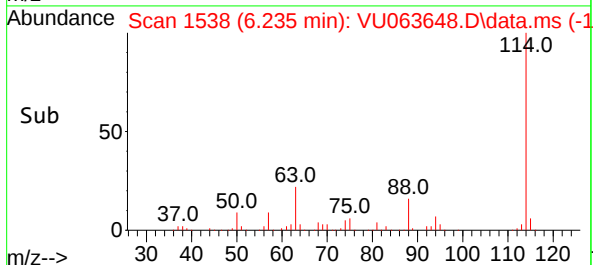
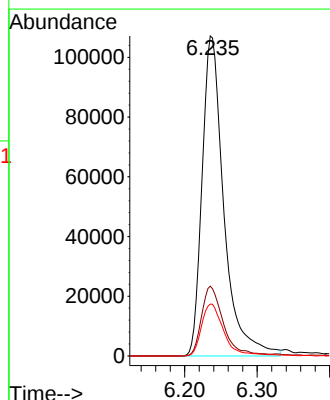
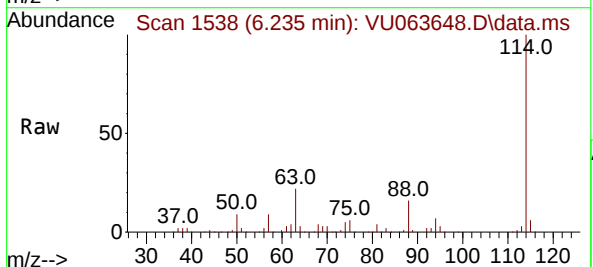
Tgt Ion: 114 Resp: 223754

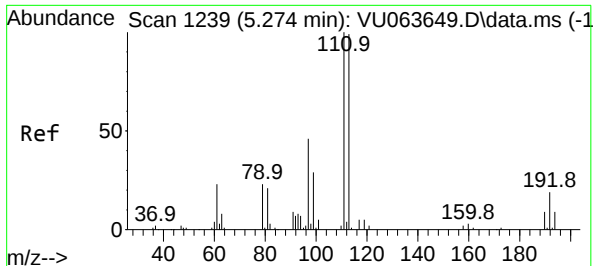
Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.4

88 16.2 0.0 31.0





#35

Dibromofluoromethane

Concen: 20.349 ug/l

RT: 5.277 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU063648.D

Acq: 25 Sep 2025 17:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

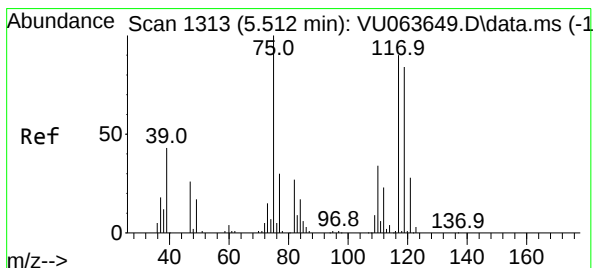
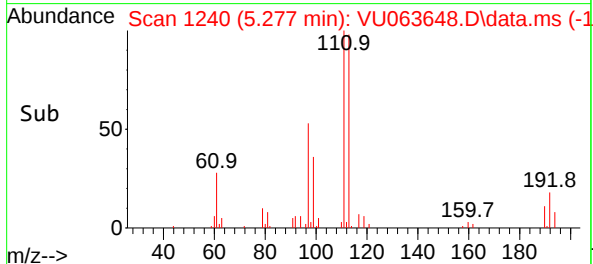
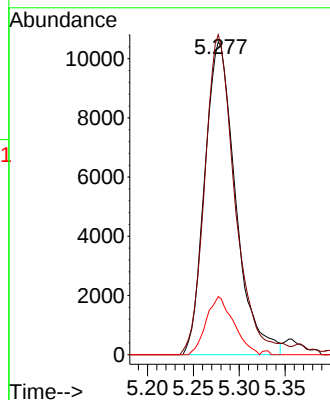
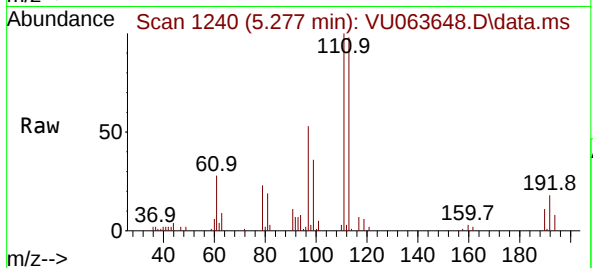
Tgt Ion:113 Resp: 24658

Ion Ratio Lower Upper

113 100

111 100.4 80.3 120.5

192 16.5 14.6 21.8



#36

1,1-Dichloropropene

Concen: 19.648 ug/l

RT: 5.515 min Scan# 1314

Delta R.T. 0.003 min

Lab File: VU063648.D

Acq: 25 Sep 2025 17:56

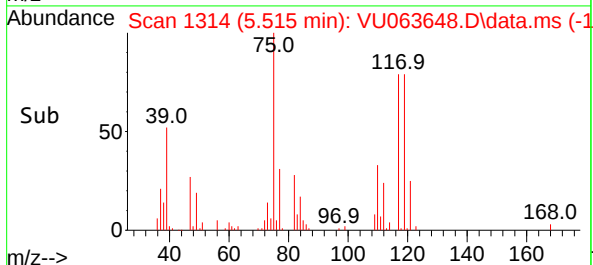
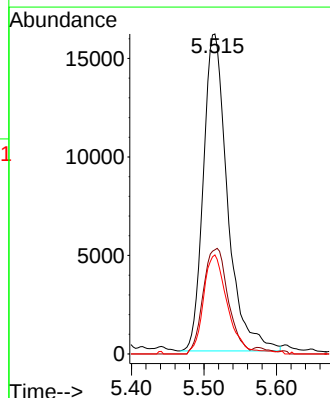
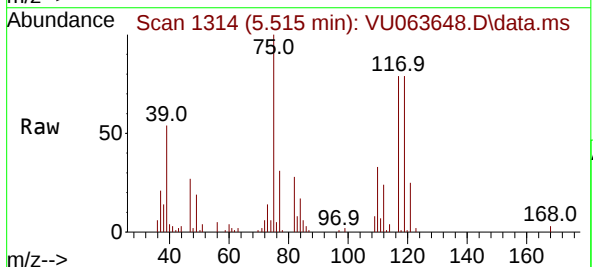
Tgt Ion: 75 Resp: 37342

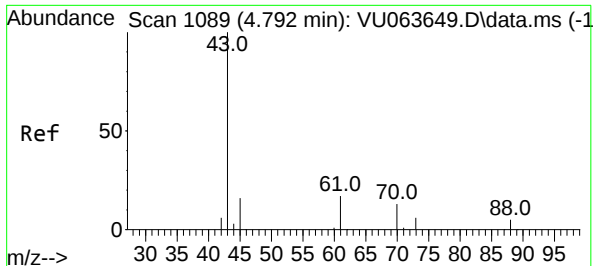
Ion Ratio Lower Upper

75 100

110 34.3 17.0 50.9

77 31.1 23.8 35.8





#37

Ethyl Acetate

Concen: 15.970 ug/l

RT: 4.801 min Scan# 1109

Delta R.T. 0.010 min

Lab File: VU063648.D

Acq: 25 Sep 2025 17:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

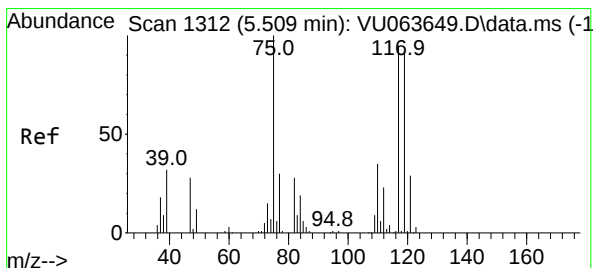
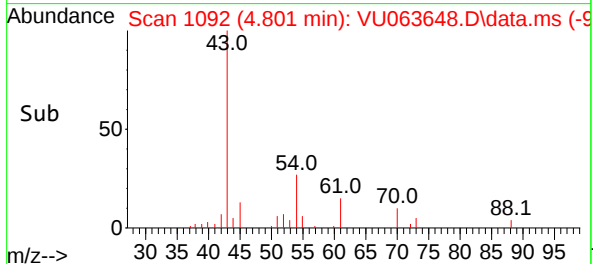
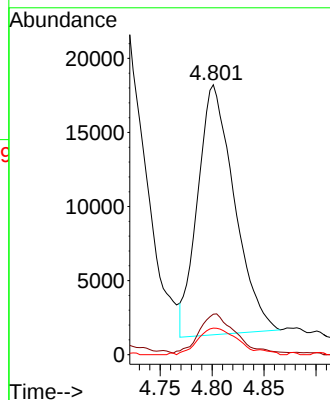
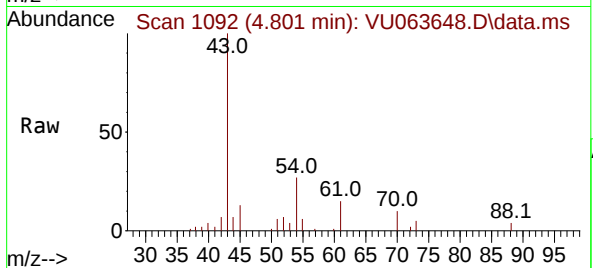
Tgt Ion: 43 Resp: 41487

Ion Ratio Lower Upper

43 100

61 15.4 9.7 14.5#

70 11.1 8.0 12.0



#38

Carbon Tetrachloride

Concen: 18.820 ug/l

RT: 5.505 min Scan# 1311

Delta R.T. -0.003 min

Lab File: VU063648.D

Acq: 25 Sep 2025 17:56

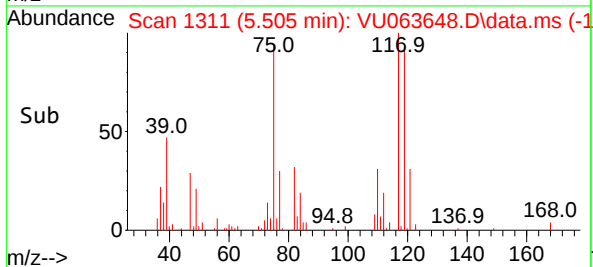
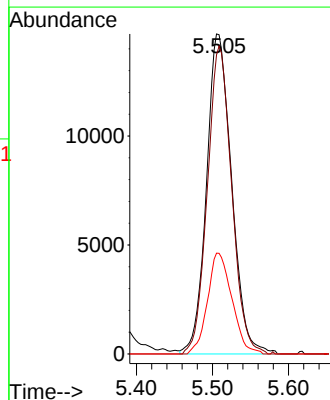
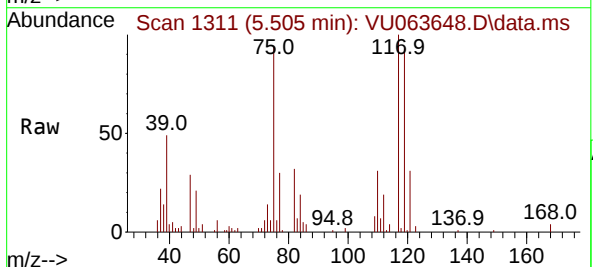
Tgt Ion: 117 Resp: 33749

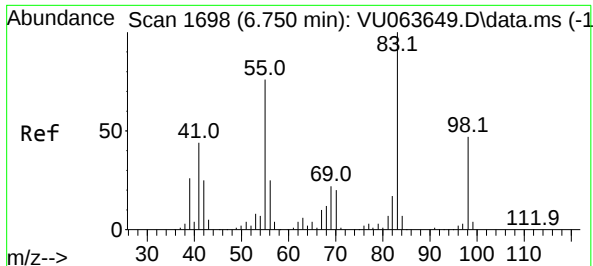
Ion Ratio Lower Upper

117 100

119 93.4 77.0 115.4

121 31.5 24.8 37.2





#39

Methylcyclohexane

Concen: 19.649 ug/l

RT: 6.750 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063648.D

Acq: 25 Sep 2025 17:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC020

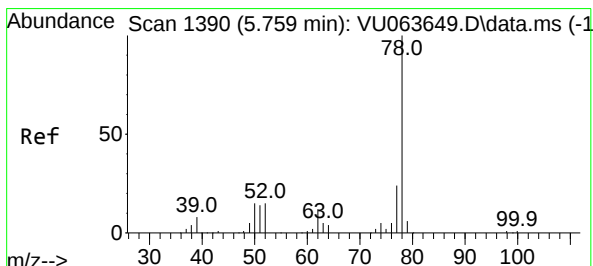
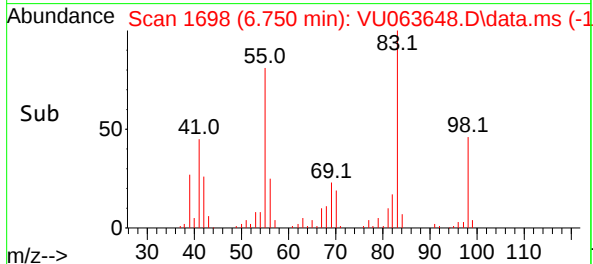
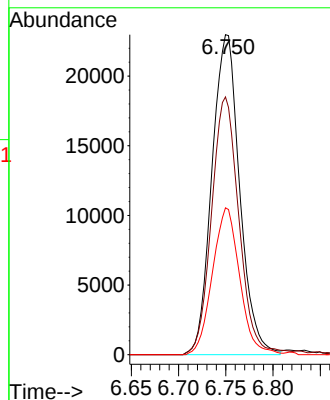
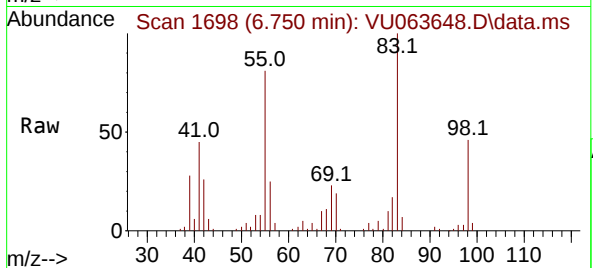
Tgt Ion: 83 Resp: 46955

Ion Ratio Lower Upper

83 100

55 80.6 60.5 90.7

98 45.9 37.5 56.3



#40

Benzene

Concen: 20.343 ug/l

RT: 5.763 min Scan# 1391

Delta R.T. 0.003 min

Lab File: VU063648.D

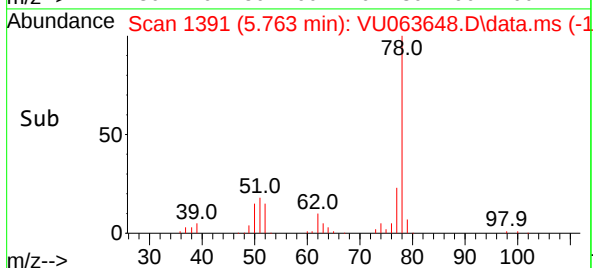
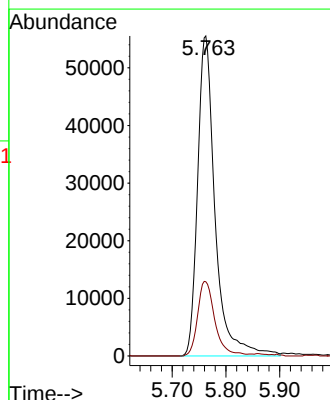
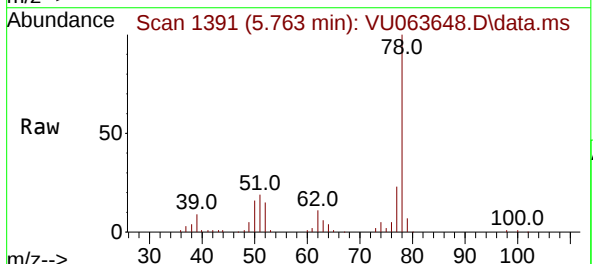
Acq: 25 Sep 2025 17:56

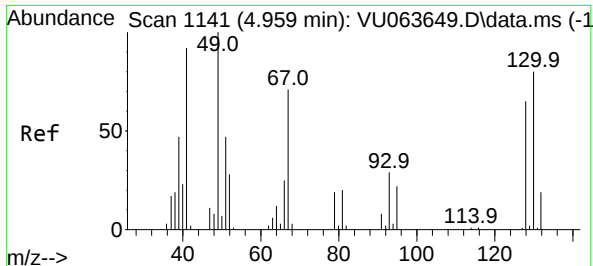
Tgt Ion: 78 Resp: 125485

Ion Ratio Lower Upper

78 100

77 23.2 19.4 29.2





#41

Methacrylonitrile

Concen: 20.077 ug/l

RT: 4.965 min Scan# 1141

Delta R.T. 0.006 min

Lab File: VU063648.D

Acq: 25 Sep 2025 17:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC020

Tgt Ion: 41 Resp: 22534

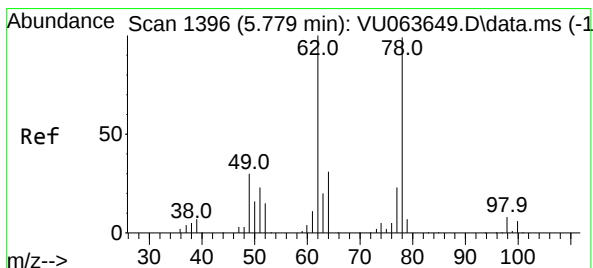
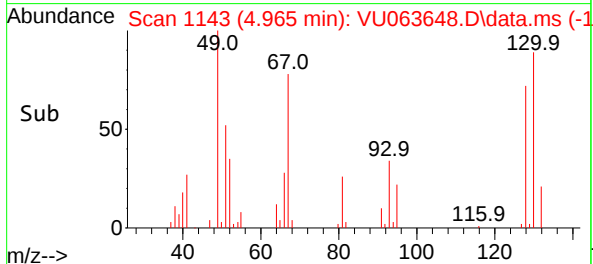
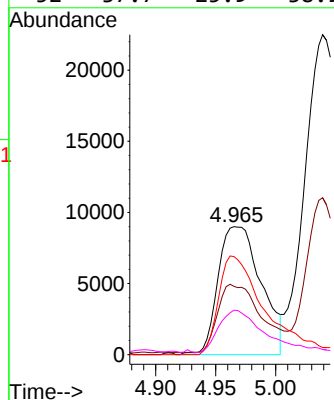
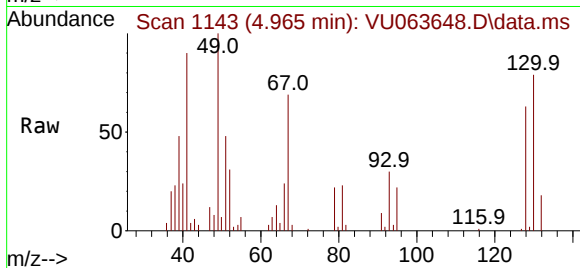
Ion Ratio Lower Upper

41 100

39 54.9 42.1 63.1

67 85.2 66.3 99.5

52 37.7 25.9 38.9



#42

1,2-Dichloroethane

Concen: 19.729 ug/l

RT: 5.782 min Scan# 1397

Delta R.T. 0.003 min

Lab File: VU063648.D

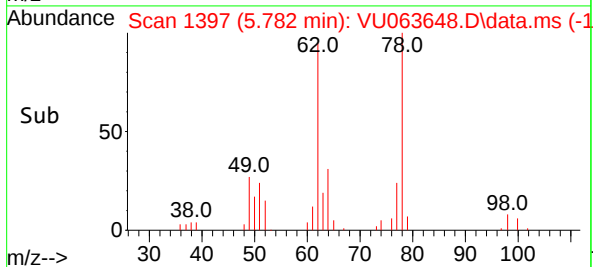
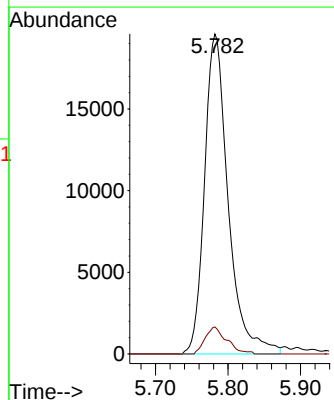
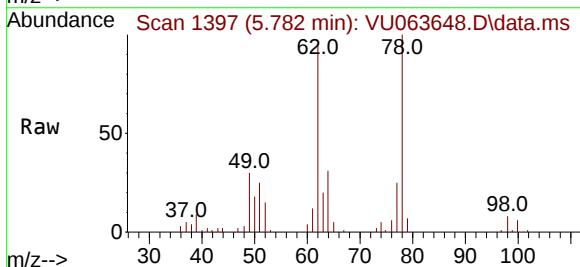
Acq: 25 Sep 2025 17:56

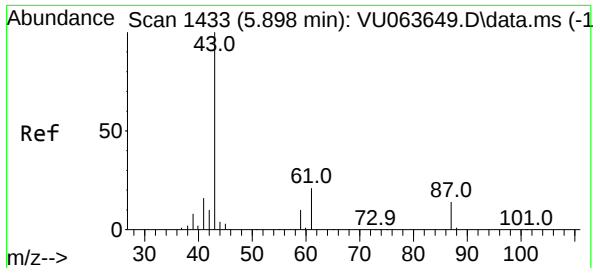
Tgt Ion: 62 Resp: 44473

Ion Ratio Lower Upper

62 100

98 7.7 0.0 16.2

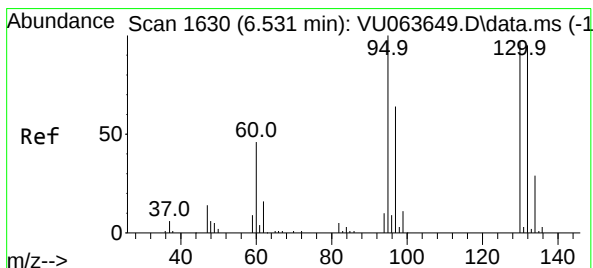
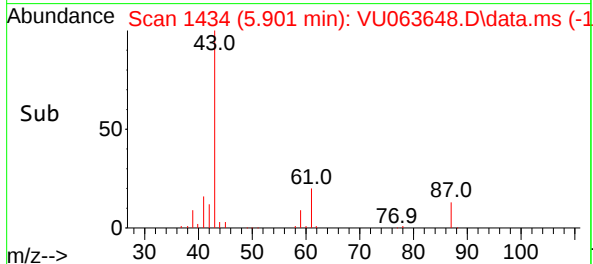
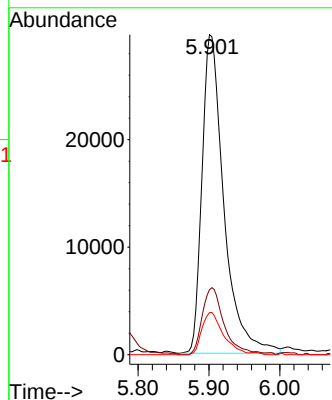
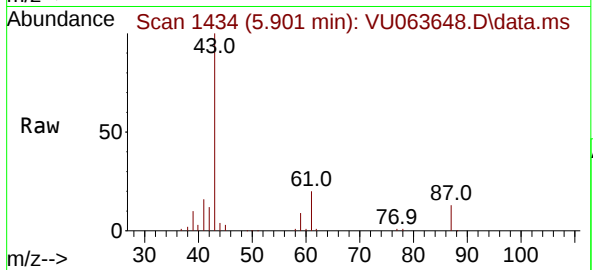




#43
Isopropyl Acetate
Concen: 19.718 ug/l
RT: 5.901 min Scan# 1433
Delta R.T. 0.003 min
Lab File: VU063648.D
Acq: 25 Sep 2025 17:56

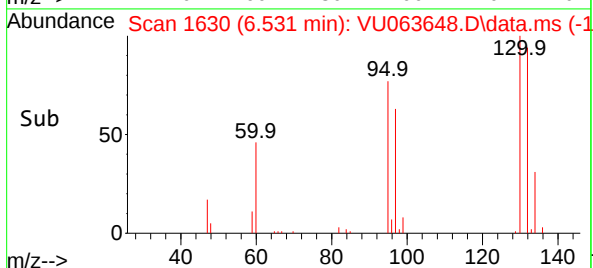
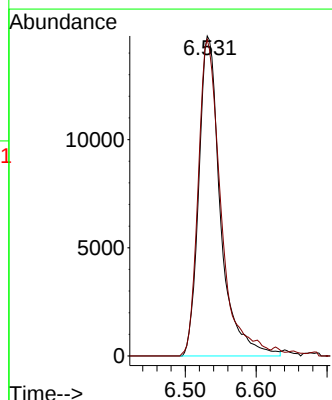
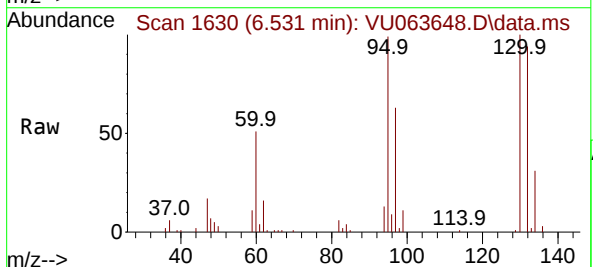
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

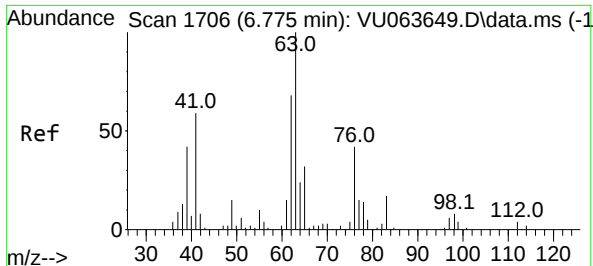
Tgt Ion: 43 Resp: 63544
Ion Ratio Lower Upper
43 100
61 21.0 16.9 25.3
87 13.0 10.8 16.2



#44
Trichloroethene
Concen: 19.579 ug/l
RT: 6.531 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VU063648.D
Acq: 25 Sep 2025 17:56

Tgt Ion: 130 Resp: 31338
Ion Ratio Lower Upper
130 100
95 98.9 0.0 206.6





#45

1,2-Dichloropropane

Concen: 20.023 ug/l

RT: 6.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063648.D

Acq: 25 Sep 2025 17:56

Instrument :

MSVOA_U

ClientSampleId :

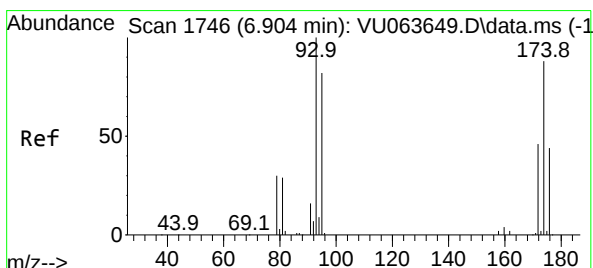
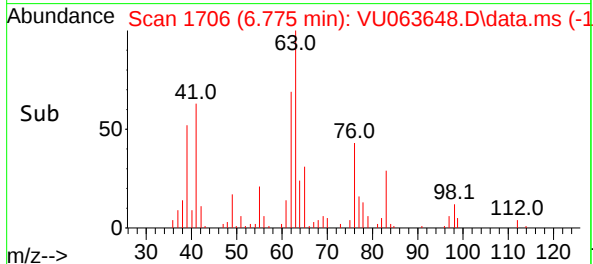
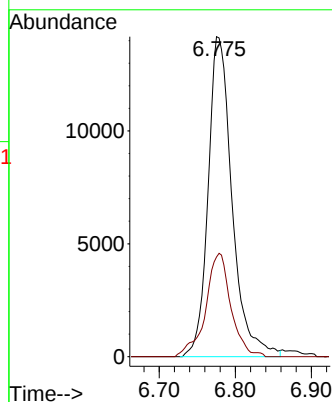
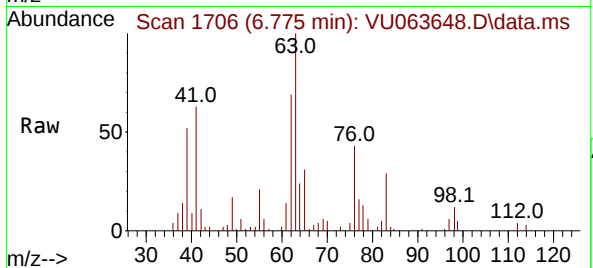
VSTDICC020

Tgt Ion: 63 Resp: 31040

Ion Ratio Lower Upper

63 100

65 31.2 25.3 37.9



#46

Dibromomethane

Concen: 19.975 ug/l

RT: 6.907 min Scan# 1747

Delta R.T. 0.003 min

Lab File: VU063648.D

Acq: 25 Sep 2025 17:56

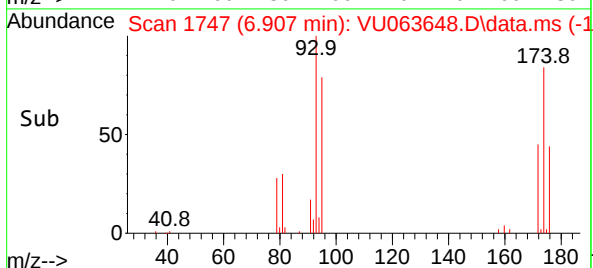
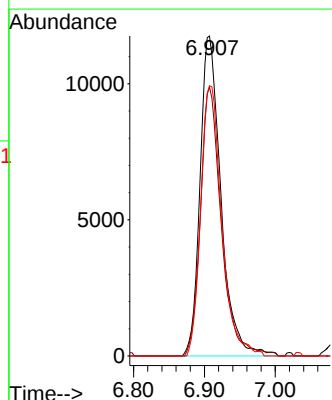
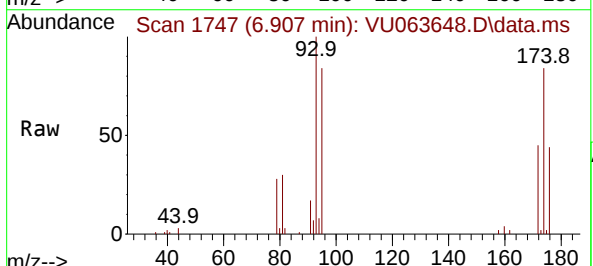
Tgt Ion: 93 Resp: 24028

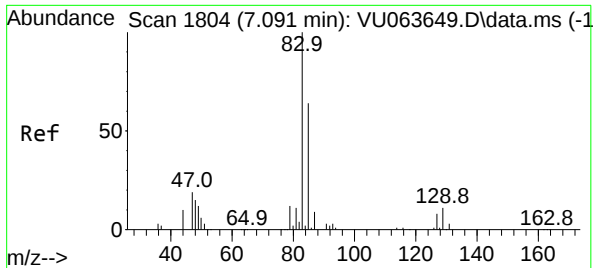
Ion Ratio Lower Upper

93 100

95 83.8 65.6 98.4

174 85.1 72.3 108.5

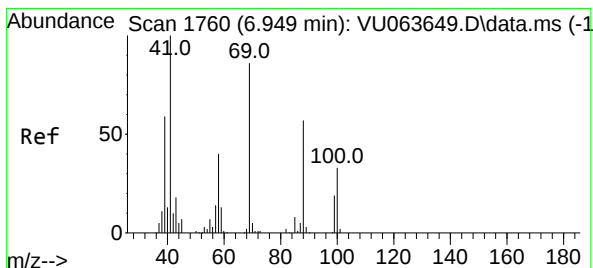
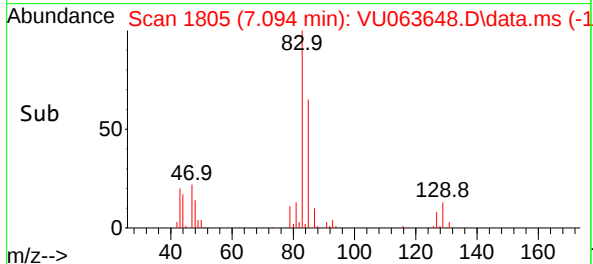
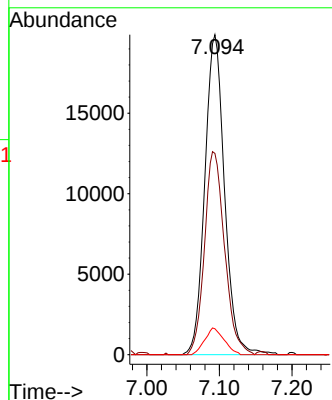
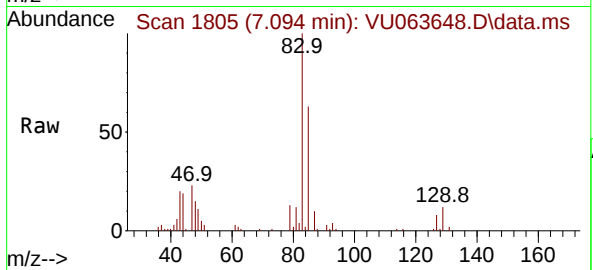




#47
Bromodichloromethane
Concen: 19.058 ug/l
RT: 7.094 min Scan# 1805
Delta R.T. 0.003 min
Lab File: VU063648.D
Acq: 25 Sep 2025 17:56

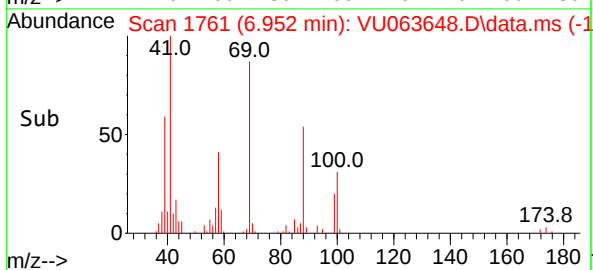
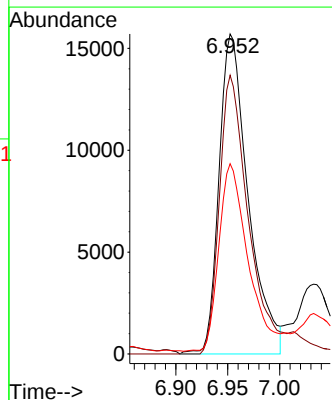
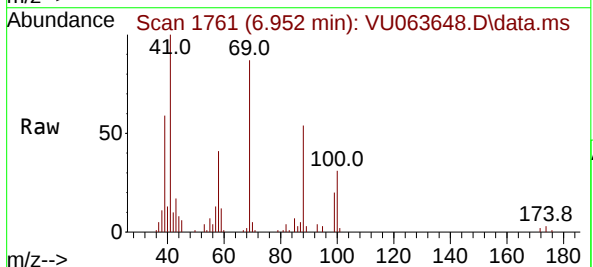
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

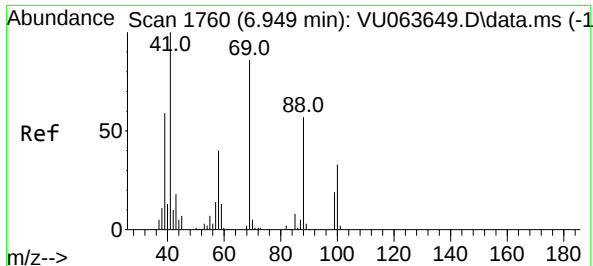
Tgt Ion: 83 Resp: 37568
Ion Ratio Lower Upper
83 100
85 62.9 50.9 76.3
127 8.1 6.6 10.0



#48
Methyl methacrylate
Concen: 17.821 ug/l
RT: 6.952 min Scan# 1761
Delta R.T. 0.003 min
Lab File: VU063648.D
Acq: 25 Sep 2025 17:56

Tgt Ion: 41 Resp: 30712
Ion Ratio Lower Upper
41 100
69 86.8 73.5 110.3
39 58.3 47.8 71.6

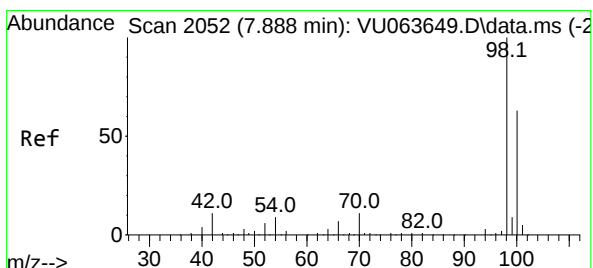
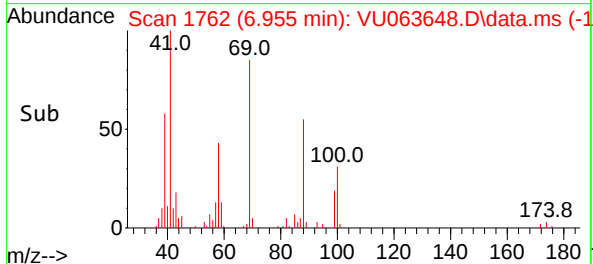
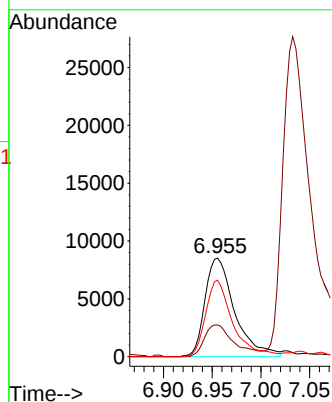
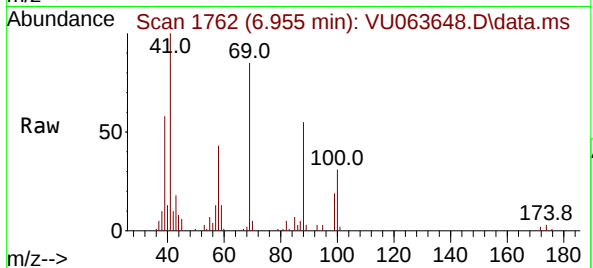




#49
1,4-Dioxane
Concen: 397.763 ug/l
RT: 6.955 min Scan# 1762
Delta R.T. 0.006 min
Lab File: VU063648.D
Acq: 25 Sep 2025 17:56

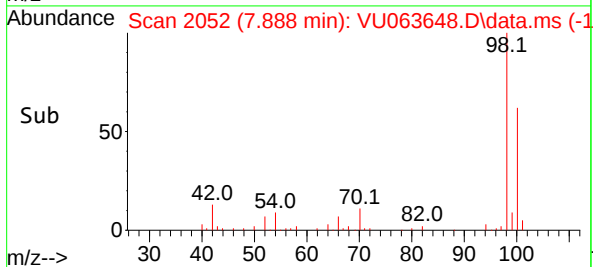
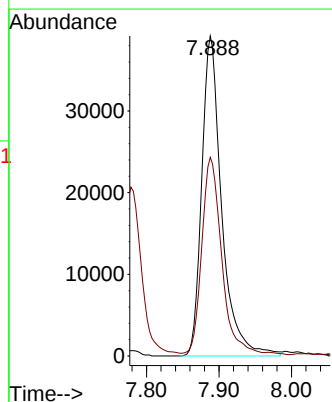
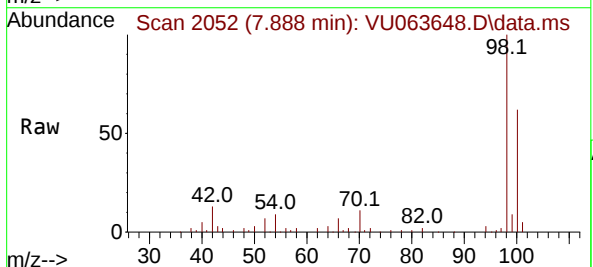
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

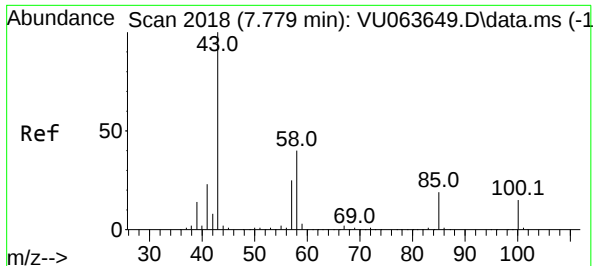
Tgt Ion: 88 Resp: 18055
Ion Ratio Lower Upper
88 100
43 32.5 24.6 37.0
58 70.3 54.4 81.6



#50
Toluene-d8
Concen: 19.057 ug/l
RT: 7.888 min Scan# 2052
Delta R.T. -0.000 min
Lab File: VU063648.D
Acq: 25 Sep 2025 17:56

Tgt Ion: 98 Resp: 74734
Ion Ratio Lower Upper
98 100
100 60.5 49.6 74.4

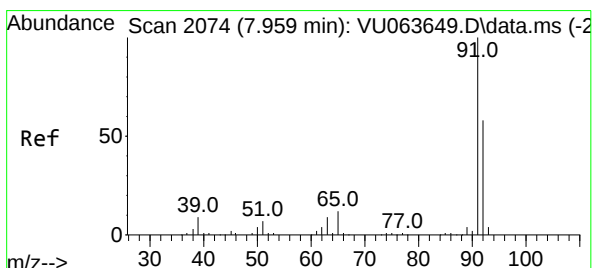
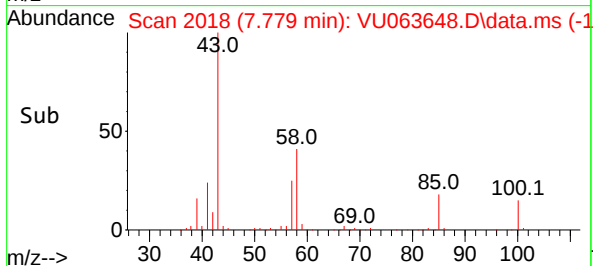
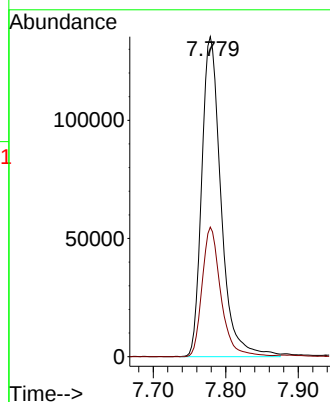
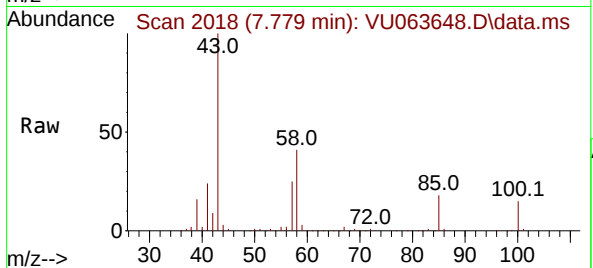




#51
4-Methyl-2-Pentanone
Concen: 98.479 ug/l
RT: 7.779 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VU063648.D
Acq: 25 Sep 2025 17:56

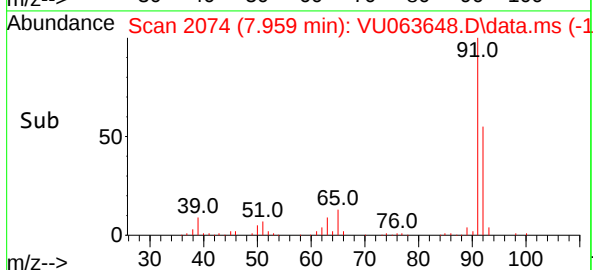
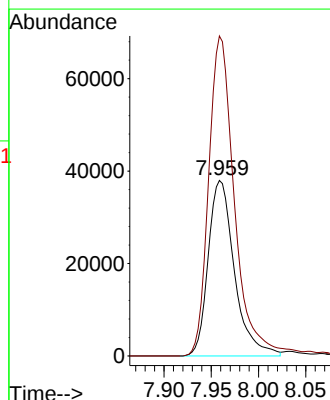
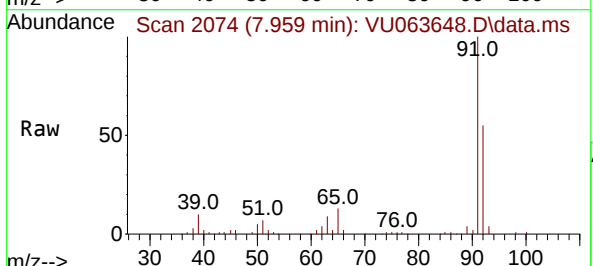
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

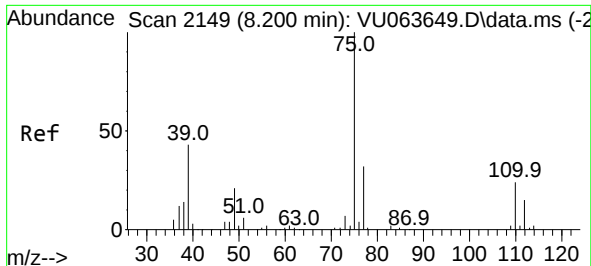
Tgt Ion: 43 Resp: 250685
Ion Ratio Lower Upper
43 100
58 39.3 32.6 48.8



#52
Toluene
Concen: 19.573 ug/l
RT: 7.959 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VU063648.D
Acq: 25 Sep 2025 17:56

Tgt Ion: 92 Resp: 73337
Ion Ratio Lower Upper
92 100
91 180.0 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 17.515 ug/l

RT: 8.200 min Scan# 2149

Delta R.T. -0.000 min

Lab File: VU063648.D

Acq: 25 Sep 2025 17:56

Instrument :

MSVOA_U

ClientSampleId :

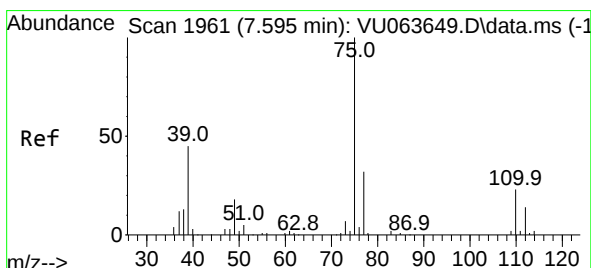
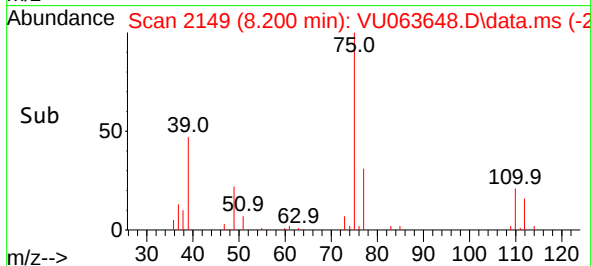
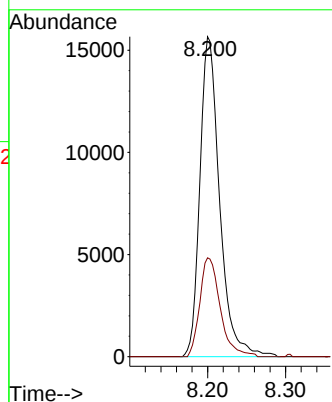
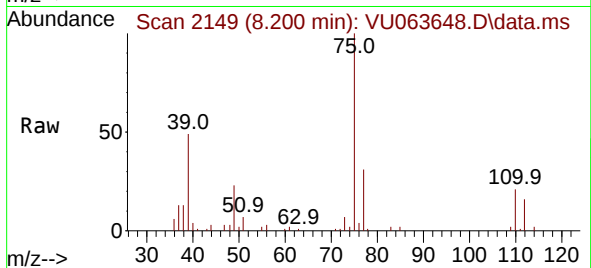
VSTDIC020

Tgt Ion: 75 Resp: 27532

Ion Ratio Lower Upper

75 100

77 30.9 25.8 38.8



#54

cis-1,3-Dichloropropene

Concen: 18.289 ug/l

RT: 7.598 min Scan# 1962

Delta R.T. 0.003 min

Lab File: VU063648.D

Acq: 25 Sep 2025 17:56

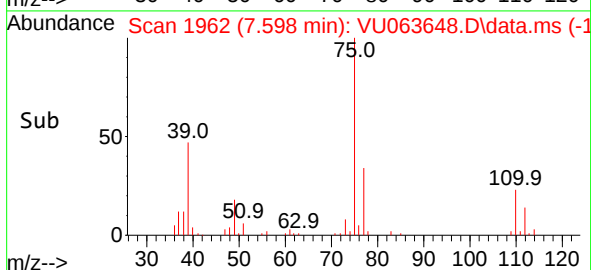
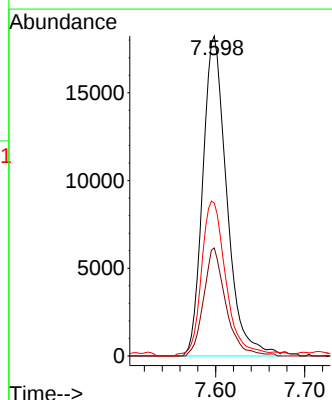
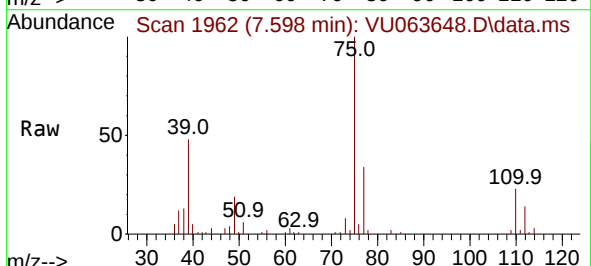
Tgt Ion: 75 Resp: 34103

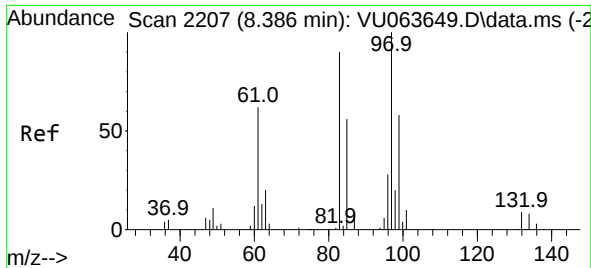
Ion Ratio Lower Upper

75 100

77 33.7 25.7 38.5

39 47.1 35.8 53.8

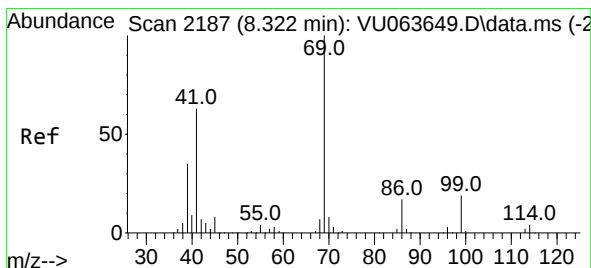
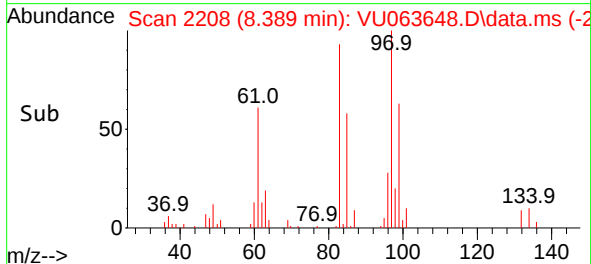
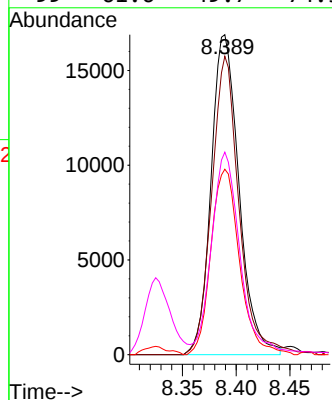
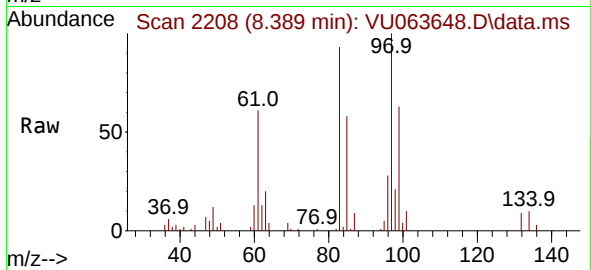




#55
1,1,2-Trichloroethane
Concen: 19.786 ug/l
RT: 8.389 min Scan# 2188
Delta R.T. 0.003 min
Lab File: VU063648.D
Acq: 25 Sep 2025 17:56

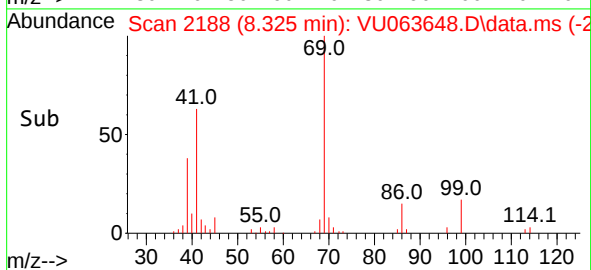
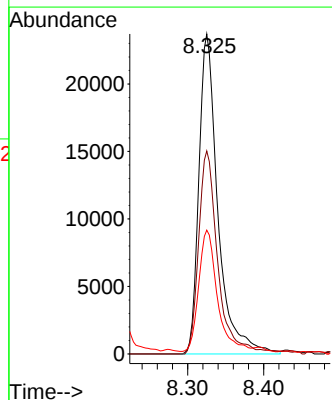
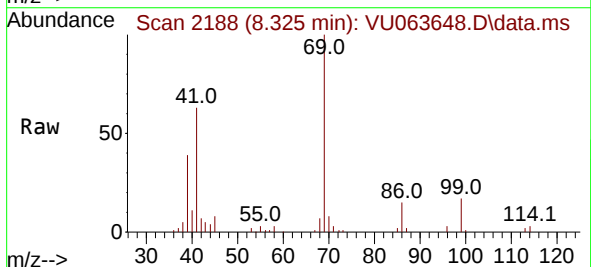
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

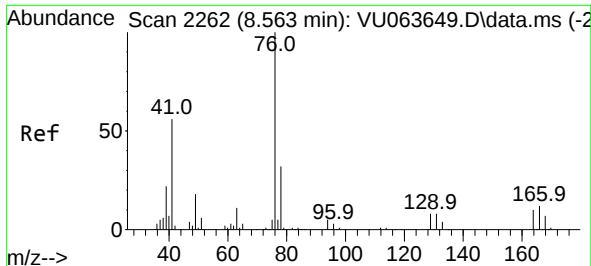
Tgt Ion: 97	Resp: 30510
Ion Ratio	Lower Upper
97 100	
83 93.3	72.1 108.1
85 57.3	44.8 67.2
99 61.6	49.7 74.5



#56
Ethyl methacrylate
Concen: 19.104 ug/l
RT: 8.325 min Scan# 2188
Delta R.T. 0.003 min
Lab File: VU063648.D
Acq: 25 Sep 2025 17:56

Tgt Ion: 69	Resp: 41189
Ion Ratio	Lower Upper
69 100	
41 64.0	50.6 75.8
39 36.8	29.2 43.8





#57

1,3-Dichloropropane

Concen: 19.618 ug/l

RT: 8.563 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU063648.D

Acq: 25 Sep 2025 17:56

Instrument :

MSVOA_U

ClientSampleId :

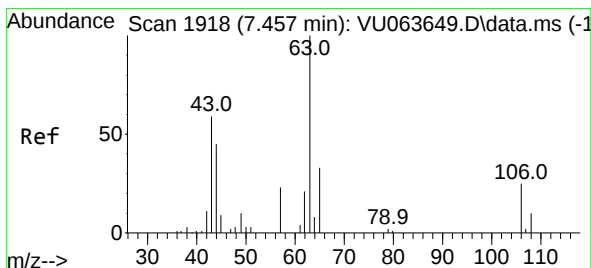
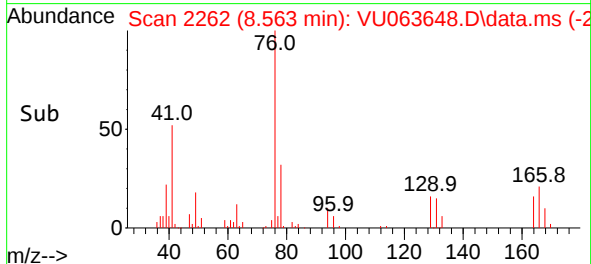
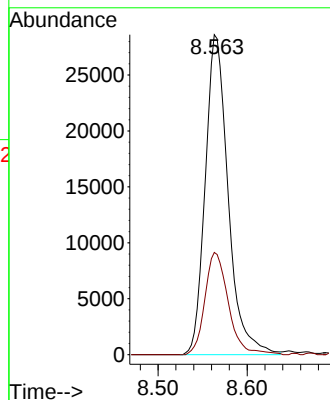
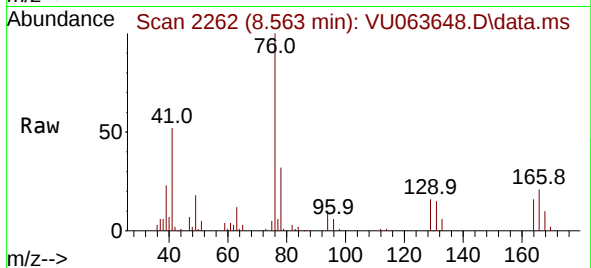
VSTDIC020

Tgt Ion: 76 Resp: 51077

Ion Ratio Lower Upper

76 100

78 32.7 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 101.312 ug/l

RT: 7.460 min Scan# 1919

Delta R.T. 0.003 min

Lab File: VU063648.D

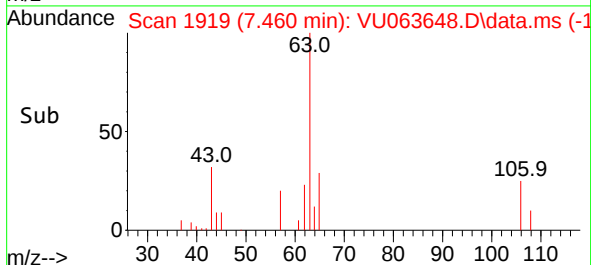
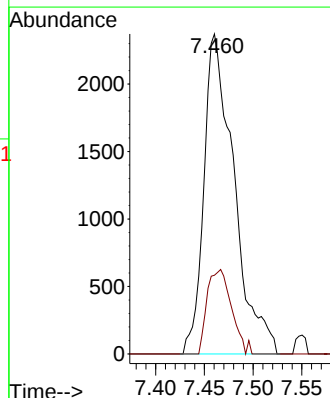
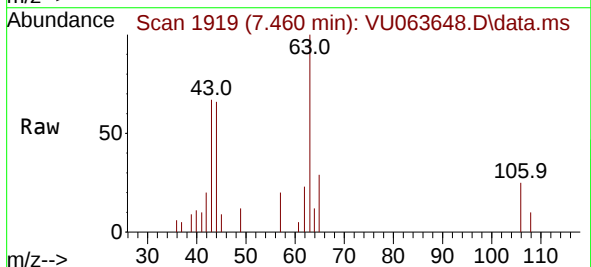
Acq: 25 Sep 2025 17:56

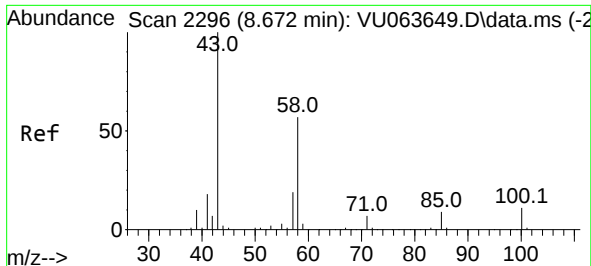
Tgt Ion: 63 Resp: 5099

Ion Ratio Lower Upper

63 100

106 21.3 18.6 27.8

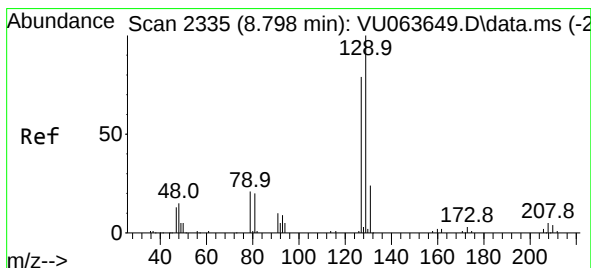
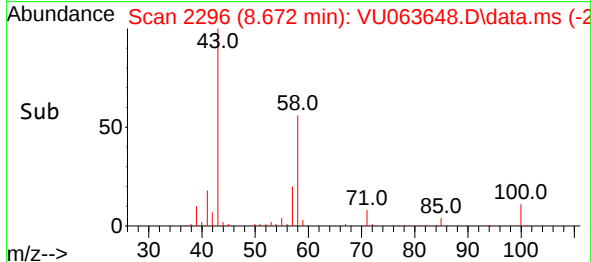
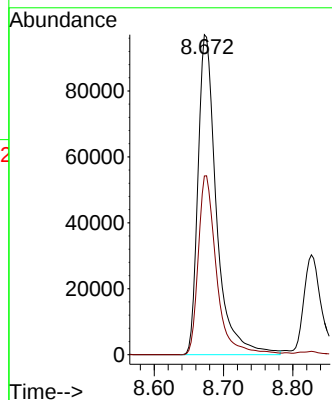
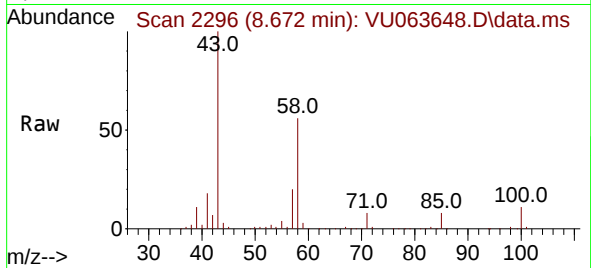




#59
2-Hexanone
Concen: 96.540 ug/l
RT: 8.672 min Scan# 2296
Delta R.T. -0.000 min
Lab File: VU063648.D
Acq: 25 Sep 2025 17:56

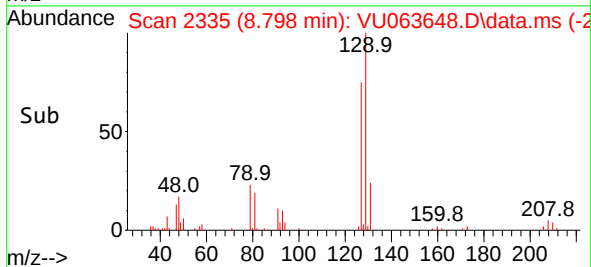
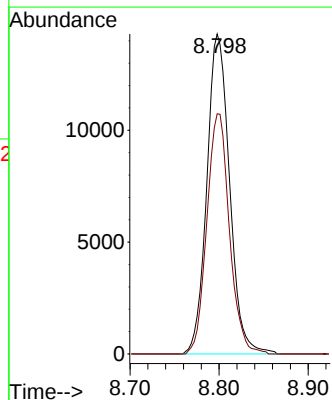
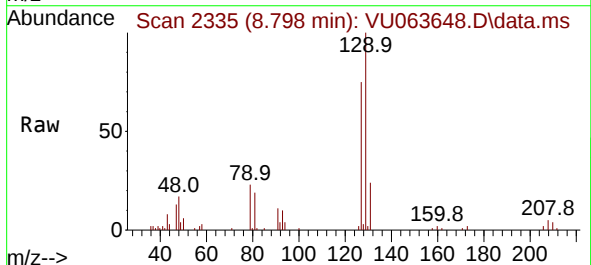
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

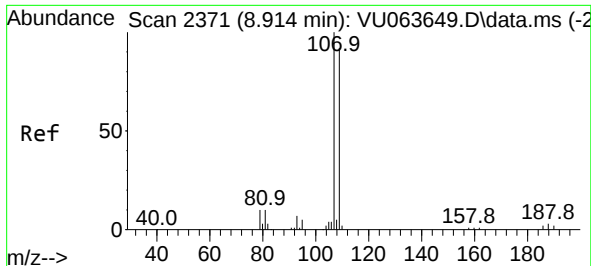
Tgt Ion: 43 Resp: 180227
Ion Ratio Lower Upper
43 100
58 55.3 28.3 85.0



#60
Dibromochloromethane
Concen: 18.044 ug/l
RT: 8.798 min Scan# 2335
Delta R.T. -0.000 min
Lab File: VU063648.D
Acq: 25 Sep 2025 17:56

Tgt Ion: 129 Resp: 25351
Ion Ratio Lower Upper
129 100
127 74.5 39.1 117.2

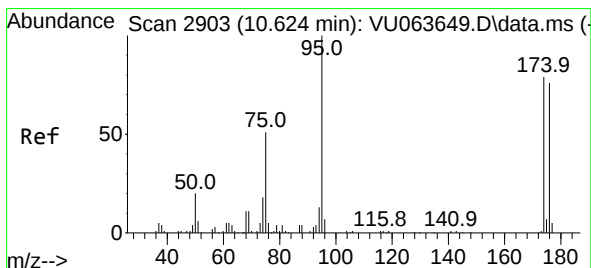
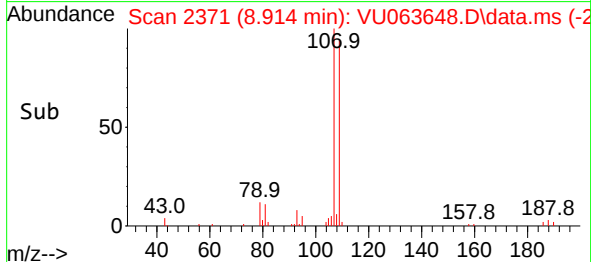
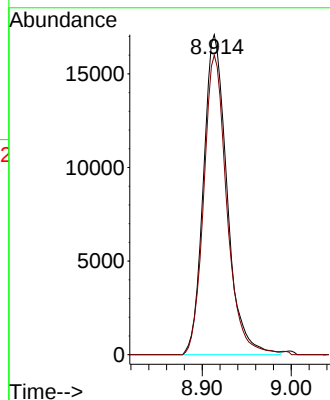
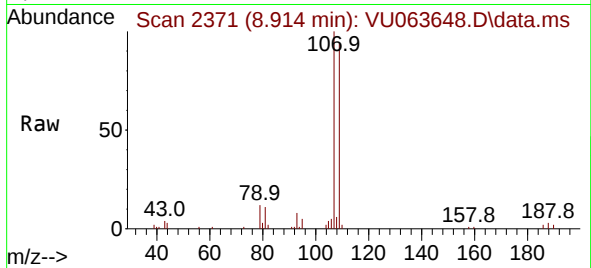




#61
1,2-Dibromoethane
Concen: 20.246 ug/l
RT: 8.914 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063648.D
Acq: 25 Sep 2025 17:56

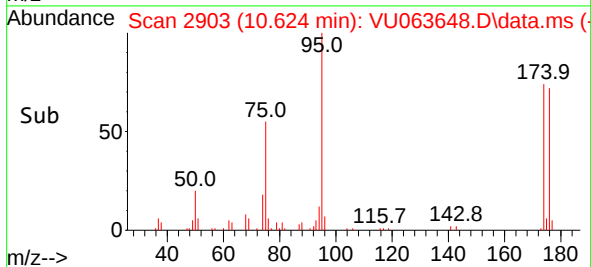
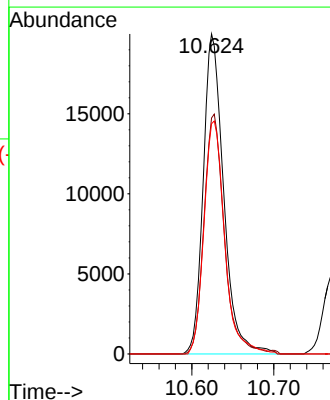
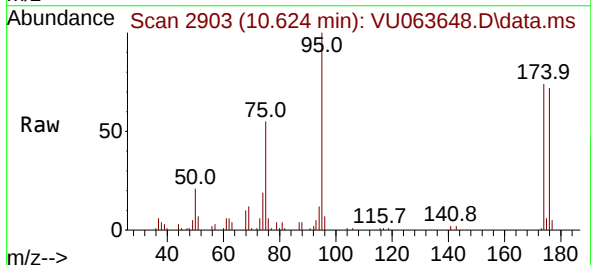
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

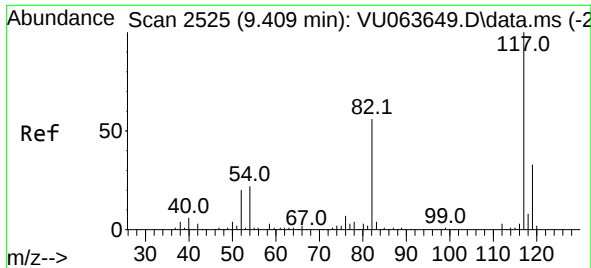
Tgt Ion:107 Resp: 31395
Ion Ratio Lower Upper
107 100
109 91.6 75.5 113.3



#62
4-Bromofluorobenzene
Concen: 19.639 ug/l
RT: 10.624 min Scan# 2903
Delta R.T. -0.000 min
Lab File: VU063648.D
Acq: 25 Sep 2025 17:56

Tgt Ion: 95 Resp: 34536
Ion Ratio Lower Upper
95 100
174 74.4 0.0 154.2
176 74.0 0.0 150.8

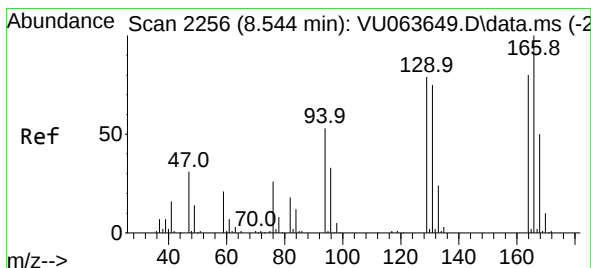
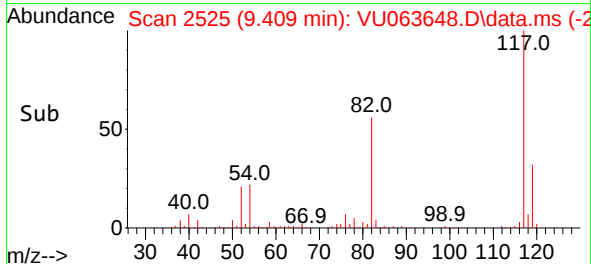
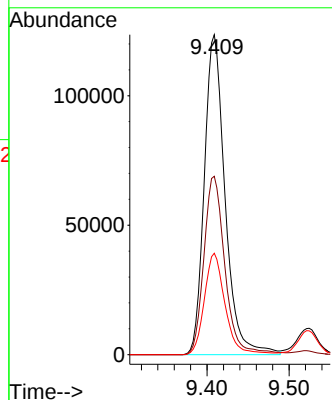
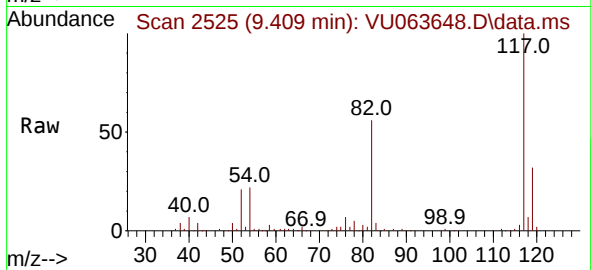




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.409 min Scan# 217470
Delta R.T. -0.000 min
Lab File: VU063648.D
Acq: 25 Sep 2025 17:56

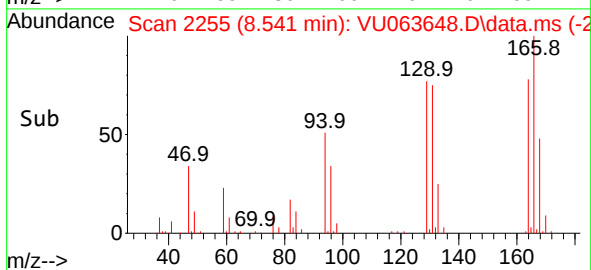
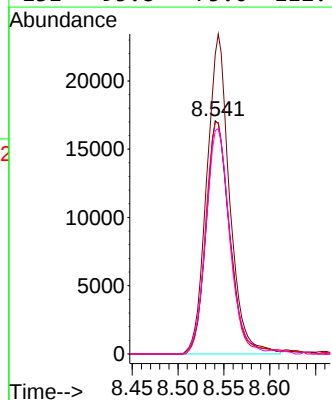
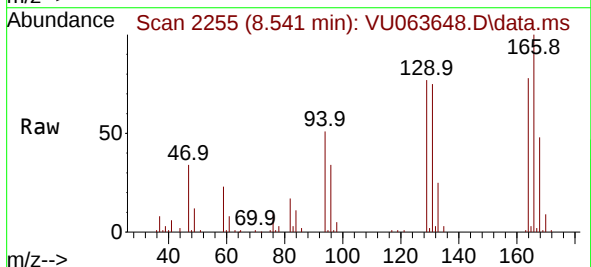
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

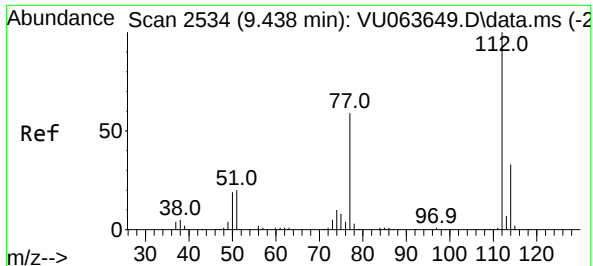
Tgt Ion:117 Resp: 217470
Ion Ratio Lower Upper
117 100
82 55.8 44.8 67.2
119 31.7 26.0 39.0



#64
Tetrachloroethene
Concen: 19.151 ug/l
RT: 8.541 min Scan# 2255
Delta R.T. -0.003 min
Lab File: VU063648.D
Acq: 25 Sep 2025 17:56

Tgt Ion:164 Resp: 30737
Ion Ratio Lower Upper
164 100
166 128.5 99.6 149.4
129 99.3 78.3 117.5
131 95.8 75.0 112.4

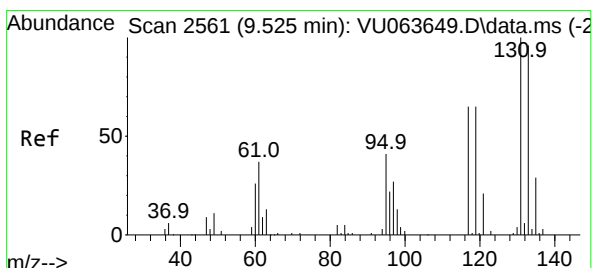
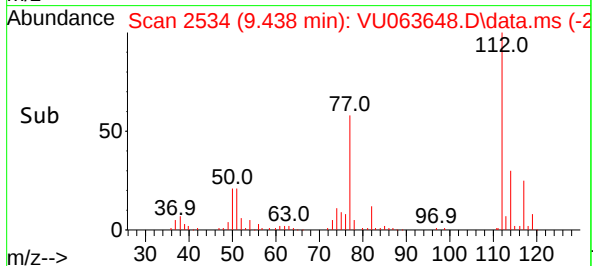
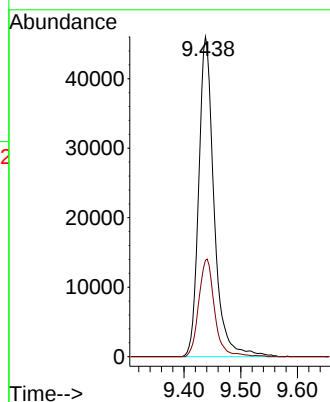
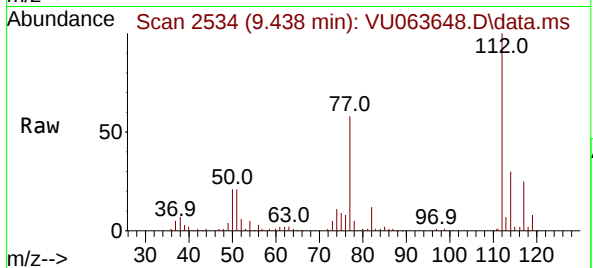




#65
Chlorobenzene
Concen: 19.395 ug/l
RT: 9.438 min Scan# 2534
Delta R.T. -0.000 min
Lab File: VU063648.D
Acq: 25 Sep 2025 17:56

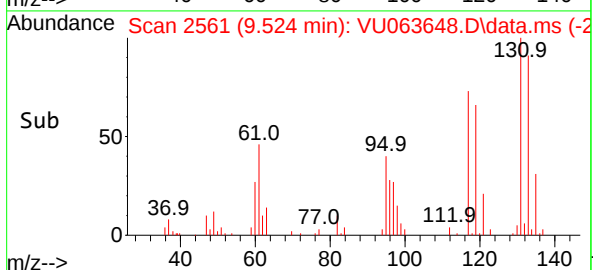
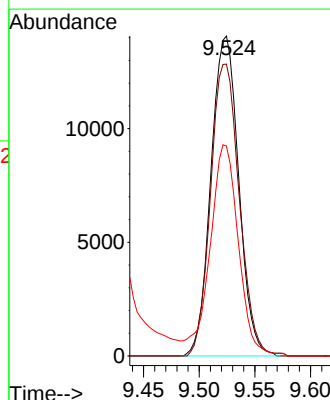
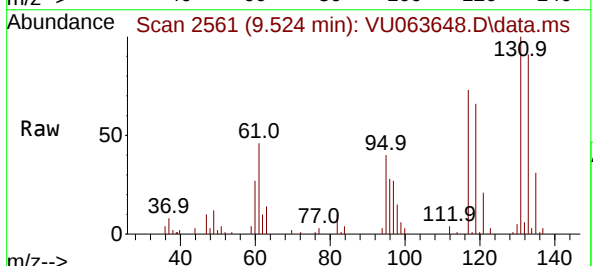
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

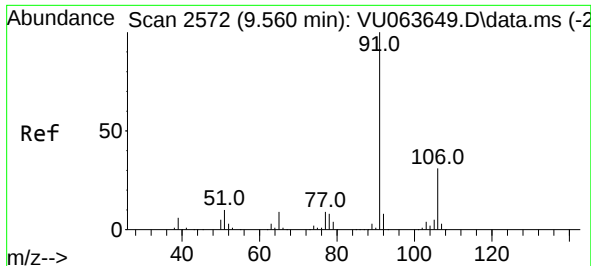
Tgt Ion:112 Resp: 86653
Ion Ratio Lower Upper
112 100
114 30.2 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 18.939 ug/l
RT: 9.524 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU063648.D
Acq: 25 Sep 2025 17:56

Tgt Ion:131 Resp: 24413
Ion Ratio Lower Upper
131 100
133 94.6 48.4 145.3
119 67.4 33.2 99.6





#67

Ethyl Benzene

Concen: 19.157 ug/l

RT: 9.563 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063648.D

Acq: 25 Sep 2025 17:56

Instrument :

MSVOA_U

ClientSampleId :

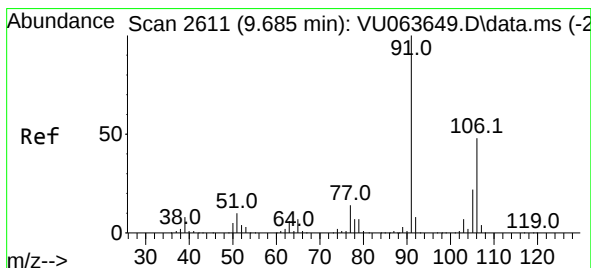
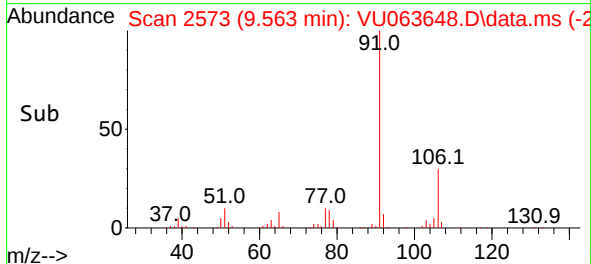
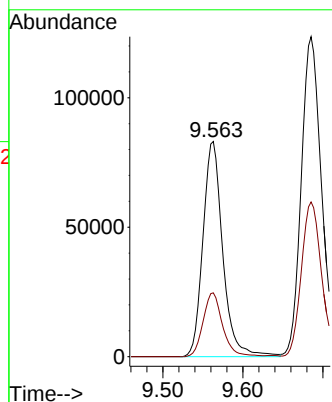
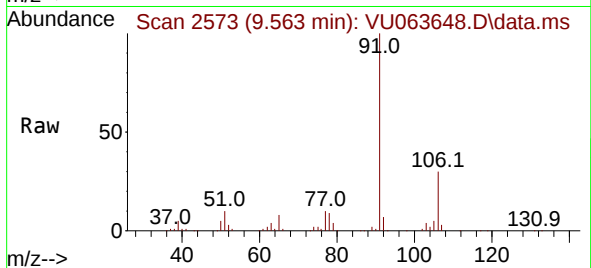
VSTDICC020

Tgt Ion: 91 Resp: 143699

Ion Ratio Lower Upper

91 100

106 29.7 24.8 37.2



#68

m/p-Xylenes

Concen: 37.930 ug/l

RT: 9.685 min Scan# 2611

Delta R.T. -0.000 min

Lab File: VU063648.D

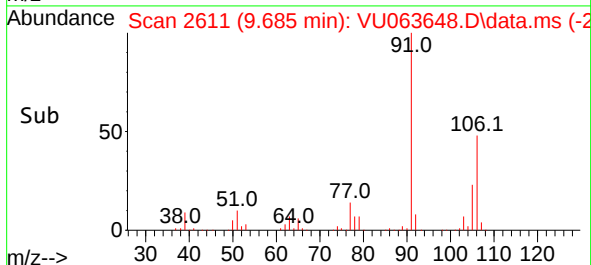
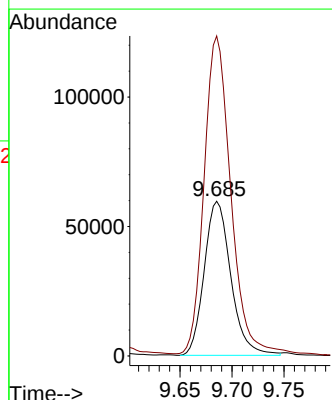
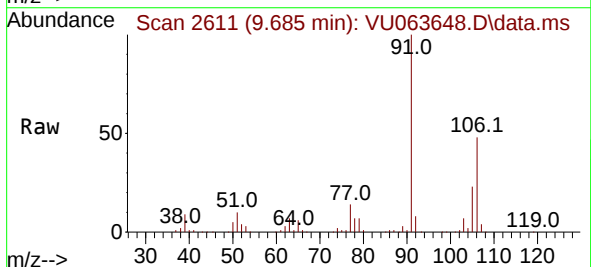
Acq: 25 Sep 2025 17:56

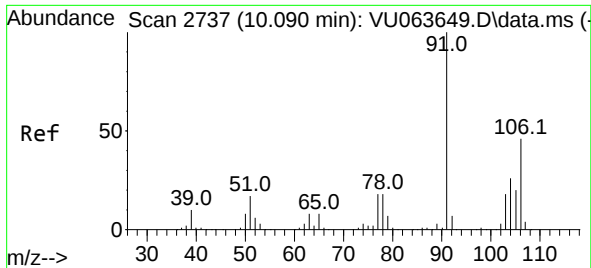
Tgt Ion: 106 Resp: 106200

Ion Ratio Lower Upper

106 100

91 209.4 166.6 249.8

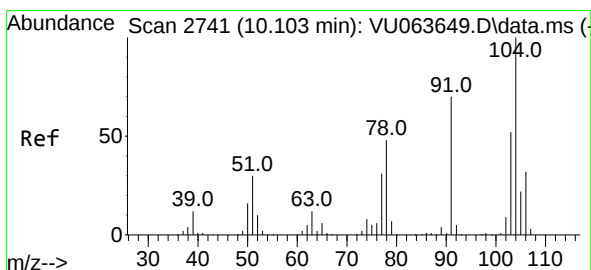
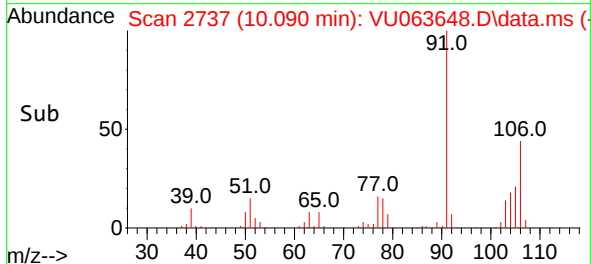
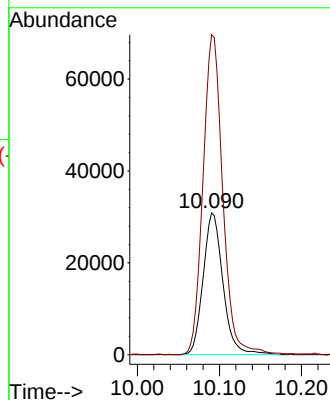
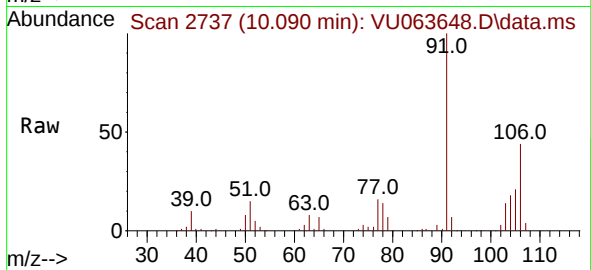




#69
o-Xylene
Concen: 19.100 ug/l
RT: 10.090 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063648.D
Acq: 25 Sep 2025 17:56

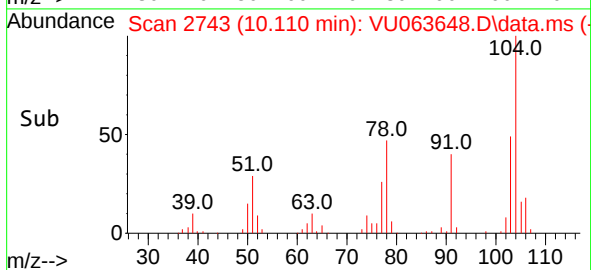
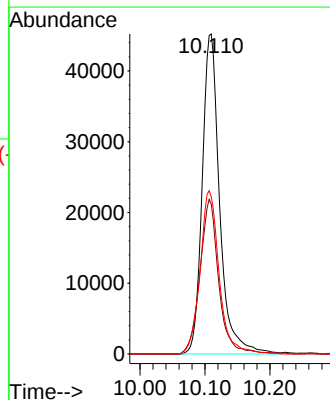
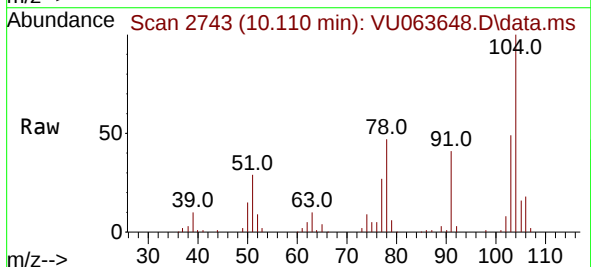
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

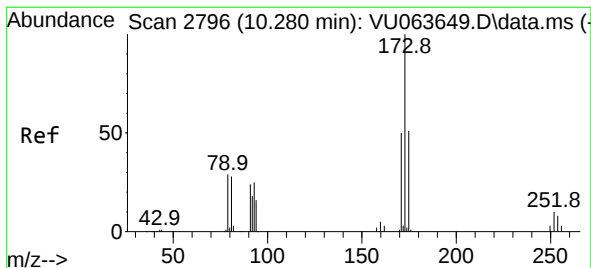
Tgt Ion:106 Resp: 51780
Ion Ratio Lower Upper
106 100
91 225.4 111.1 333.3



#70
Styrene
Concen: 19.264 ug/l
RT: 10.110 min Scan# 2743
Delta R.T. 0.006 min
Lab File: VU063648.D
Acq: 25 Sep 2025 17:56

Tgt Ion:104 Resp: 84703
Ion Ratio Lower Upper
104 100
78 51.8 42.2 63.4
103 55.7 44.9 67.3





#71

Bromoform

Concen: 17.727 ug/l

RT: 10.280 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU063648.D

Acq: 25 Sep 2025 17:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

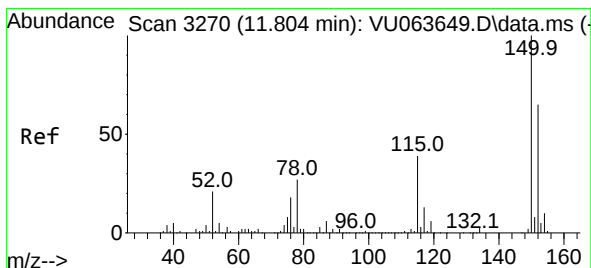
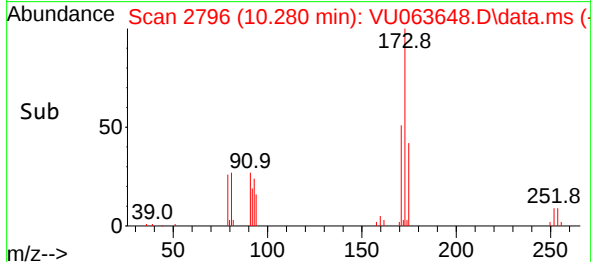
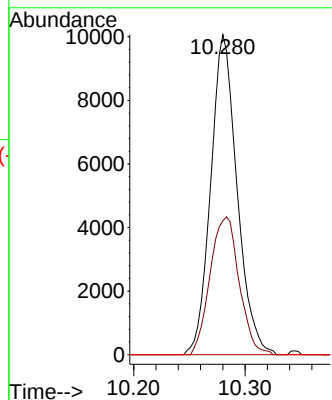
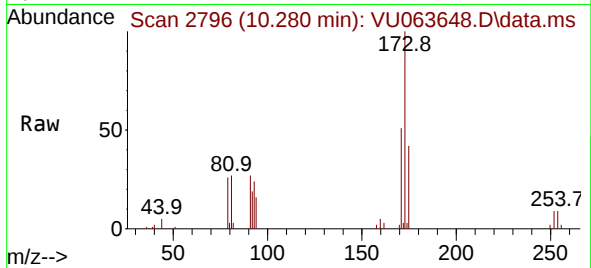
Tgt Ion:173 Resp: 16540

Ion Ratio Lower Upper

173 100

175 47.5 24.3 72.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.804 min Scan# 3270

Delta R.T. 0.000 min

Lab File: VU063648.D

Acq: 25 Sep 2025 17:56

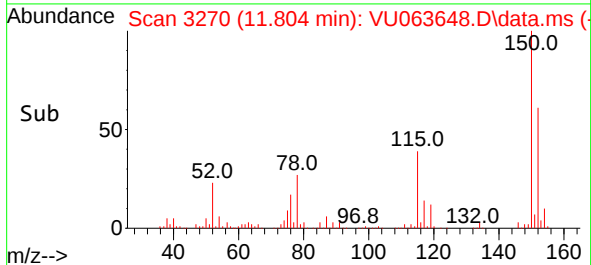
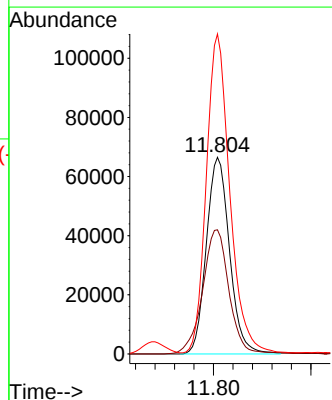
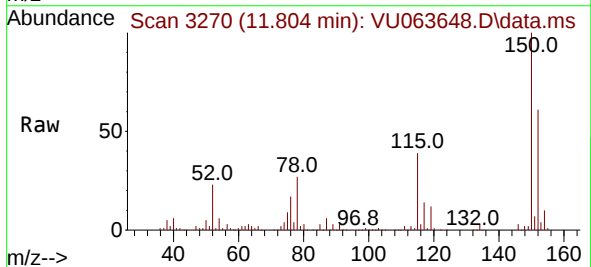
Tgt Ion:152 Resp: 110038

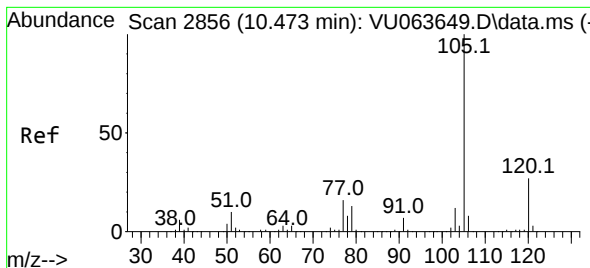
Ion Ratio Lower Upper

152 100

115 71.8 42.3 126.8

150 163.9 0.0 340.8





#73

Isopropylbenzene

Concen: 19.715 ug/l

RT: 10.473 min Scan# 2856

Delta R.T. -0.000 min

Lab File: VU063648.D

Acq: 25 Sep 2025 17:56

Instrument :

MSVOA_U

ClientSampleId :

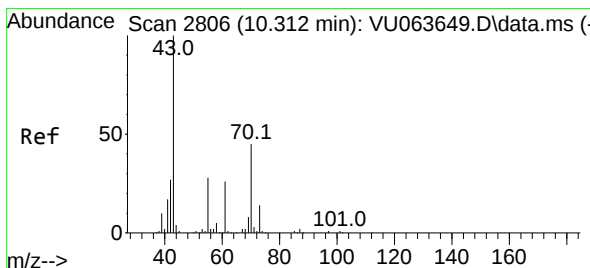
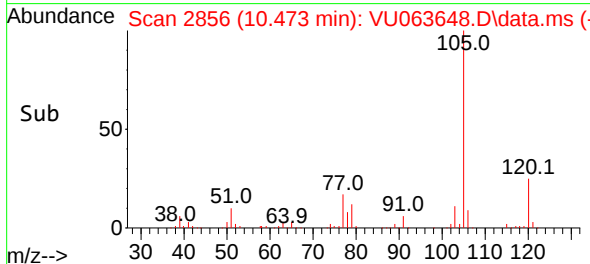
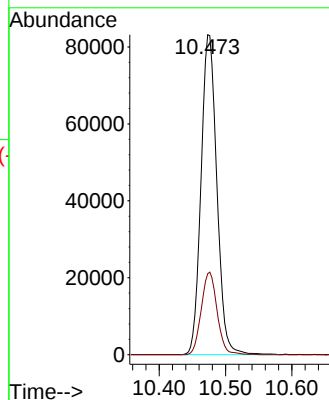
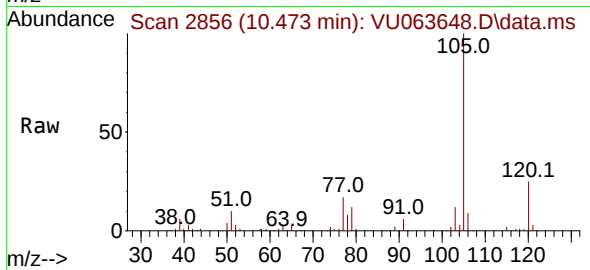
VSTDIC020

Tgt Ion:105 Resp: 137789

Ion Ratio Lower Upper

105 100

120 25.7 13.5 40.4



#74

N-ethyl acetate

Concen: 19.280 ug/l

RT: 10.312 min Scan# 2806

Delta R.T. -0.000 min

Lab File: VU063648.D

Acq: 25 Sep 2025 17:56

Tgt Ion: 43 Resp: 46832

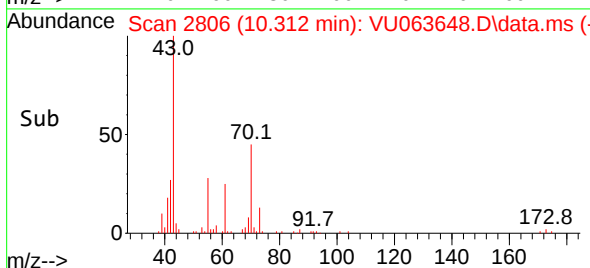
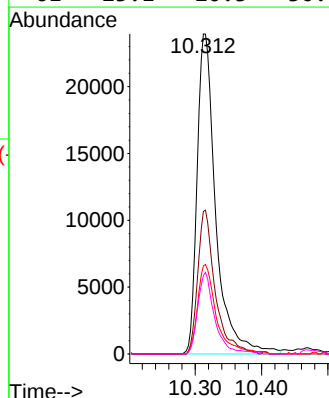
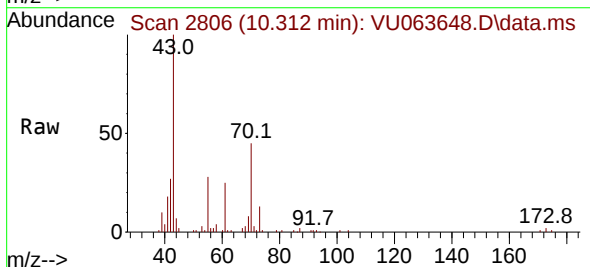
Ion Ratio Lower Upper

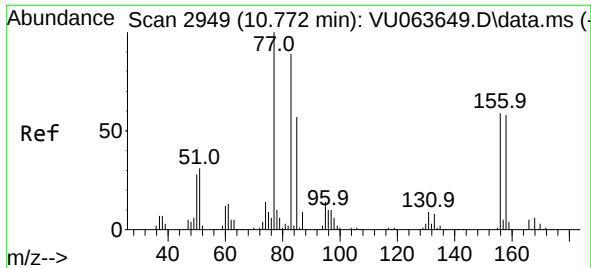
43 100

70 41.9 35.5 53.3

55 28.2 21.6 32.4

61 23.1 20.3 30.5

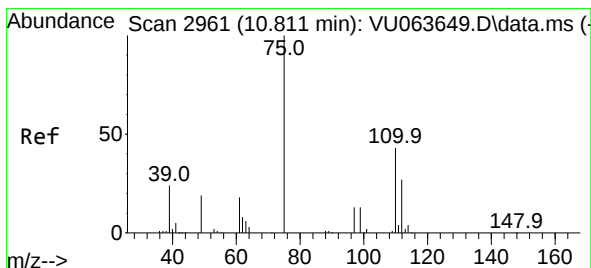
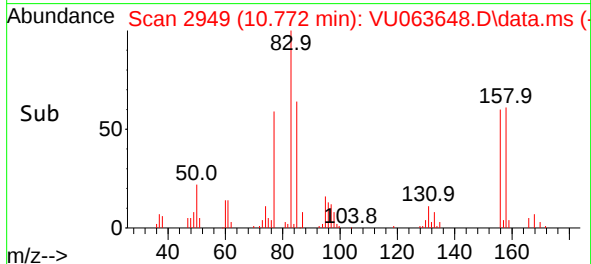
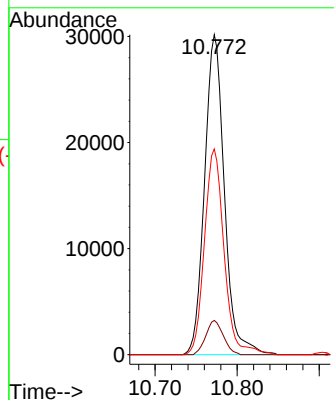
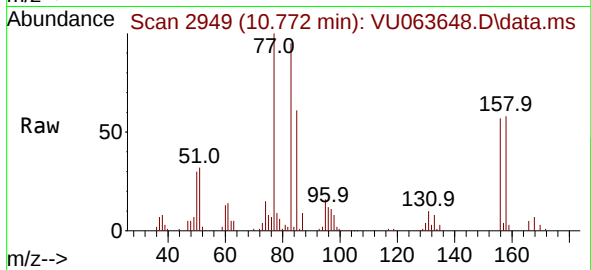




#75
1,1,2,2-Tetrachloroethane
Concen: 19.655 ug/l
RT: 10.772 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU063648.D
Acq: 25 Sep 2025 17:56

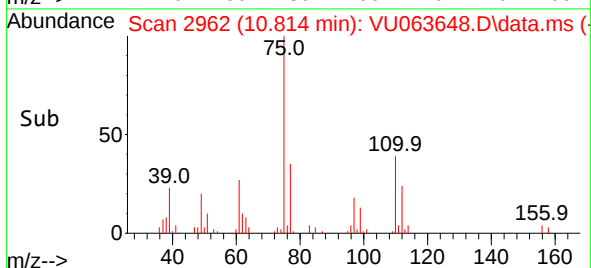
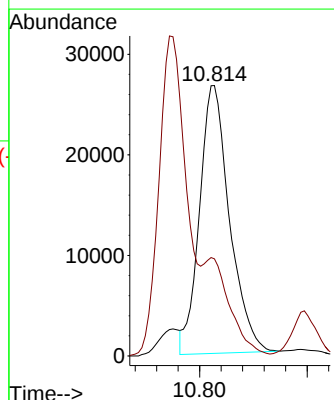
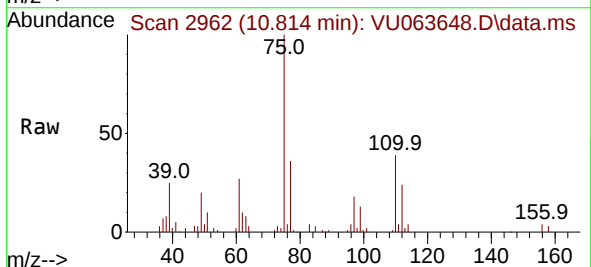
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

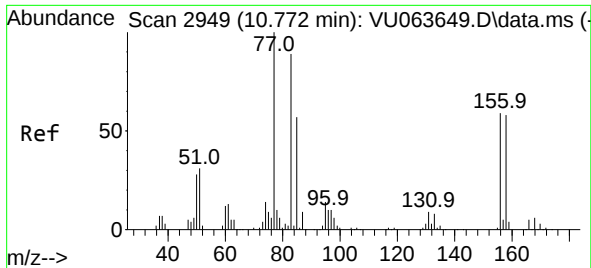
Tgt Ion:	83	Resp:	50736
Ion Ratio	Lower	Upper	
83	100		
131	9.4	4.8	14.4
85	63.6	31.8	95.4



#76
1,2,3-Trichloropropane
Concen: 19.376 ug/l
RT: 10.814 min Scan# 2962
Delta R.T. 0.003 min
Lab File: VU063648.D
Acq: 25 Sep 2025 17:56

Tgt Ion:	75	Resp:	51607
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0

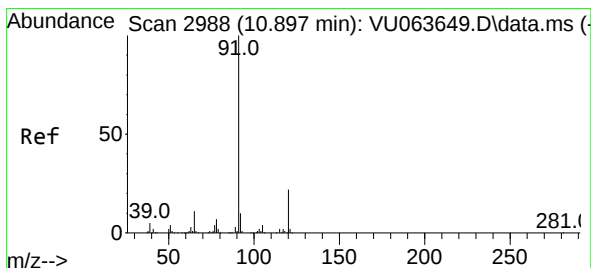
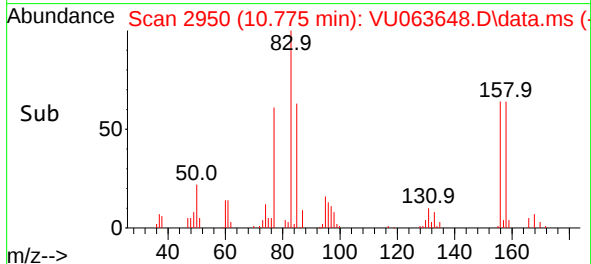
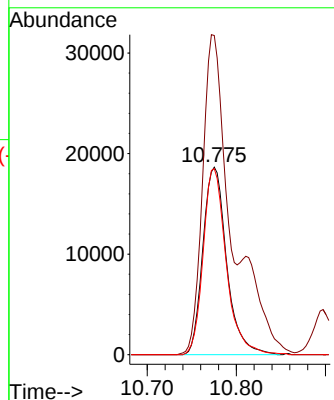
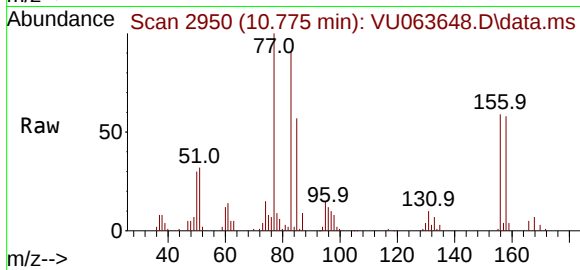




#77
Bromobenzene
Concen: 19.445 ug/l
RT: 10.775 min Scan# 2949
Delta R.T. 0.003 min
Lab File: VU063648.D
Acq: 25 Sep 2025 17:56

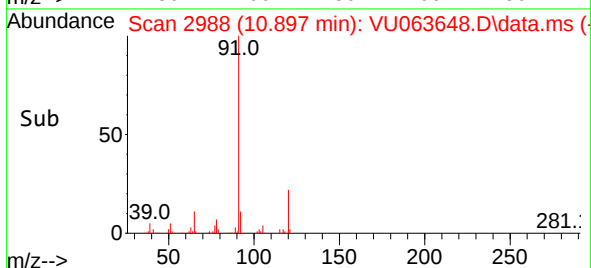
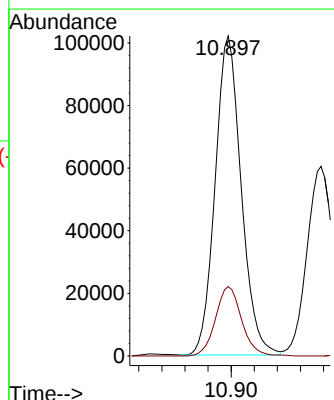
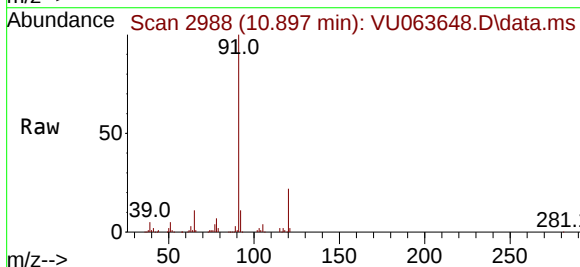
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

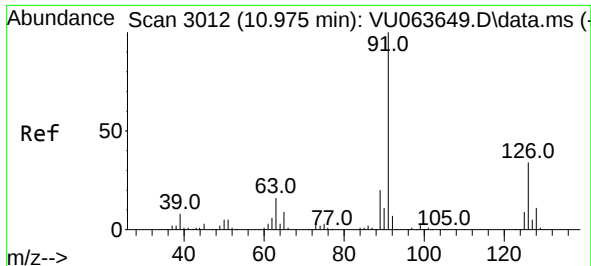
Tgt Ion:156 Resp: 34623
Ion Ratio Lower Upper
156 100
77 164.6 81.6 244.8
158 96.6 49.3 147.9



#78
n-propylbenzene
Concen: 19.359 ug/l
RT: 10.897 min Scan# 2988
Delta R.T. -0.000 min
Lab File: VU063648.D
Acq: 25 Sep 2025 17:56

Tgt Ion: 91 Resp: 159824
Ion Ratio Lower Upper
91 100
120 21.8 11.2 33.6

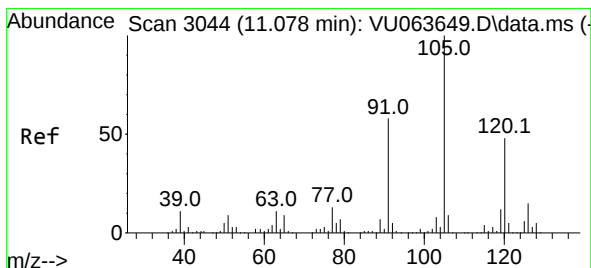
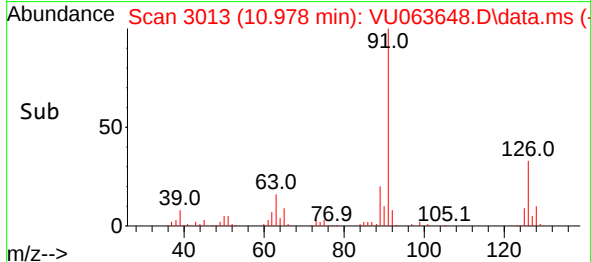
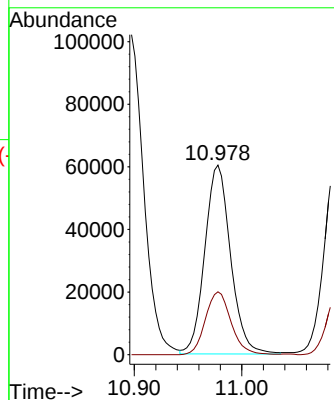
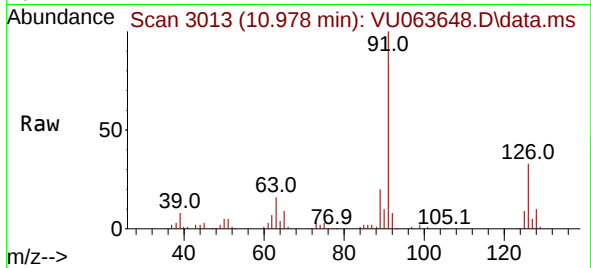




#79
2-Chlorotoluene
Concen: 19.145 ug/l
RT: 10.978 min Scan# 3012
Delta R.T. 0.003 min
Lab File: VU063648.D
Acq: 25 Sep 2025 17:56

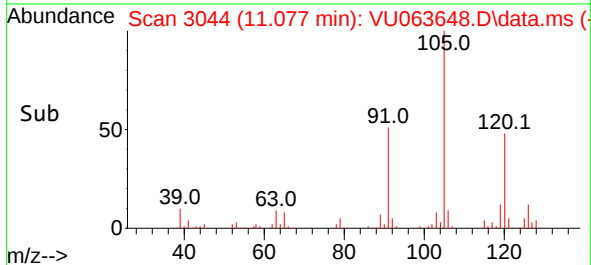
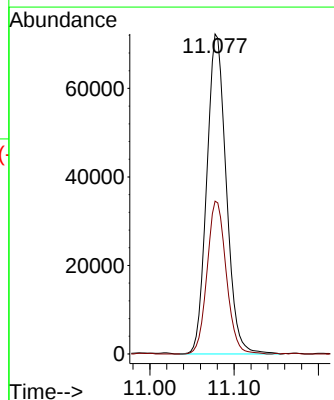
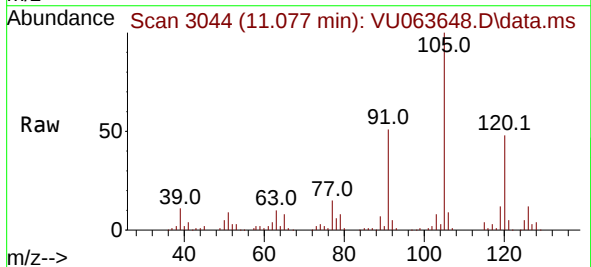
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

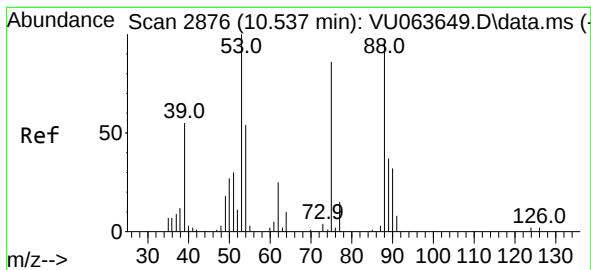
Tgt Ion: 91 Resp: 100608
Ion Ratio Lower Upper
91 100
126 33.1 16.8 50.4



#80
1,3,5-Trimethylbenzene
Concen: 19.707 ug/l
RT: 11.077 min Scan# 3044
Delta R.T. -0.000 min
Lab File: VU063648.D
Acq: 25 Sep 2025 17:56

Tgt Ion: 105 Resp: 116319
Ion Ratio Lower Upper
105 100
120 46.9 24.3 72.9

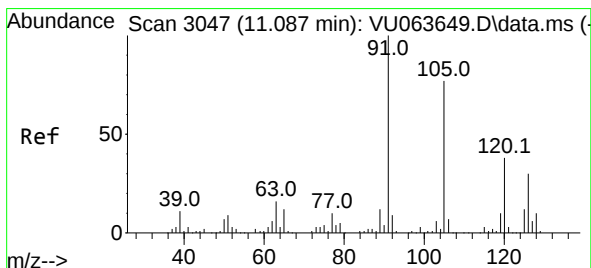
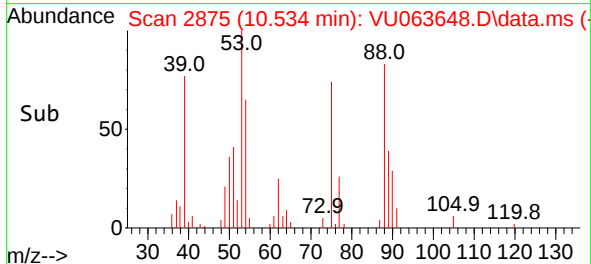
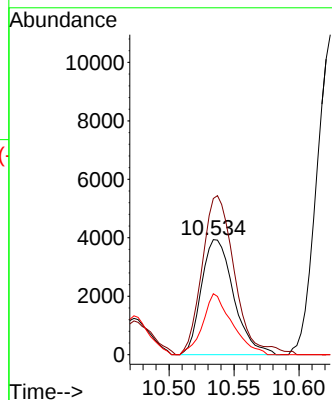
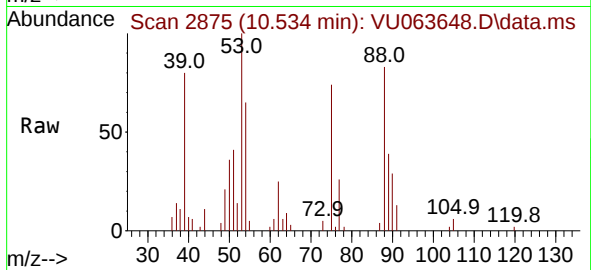




#81
 trans-1,4-Dichloro-2-butene
 Concen: 16.197 ug/l
 RT: 10.534 min Scan# 2875
 Delta R.T. -0.003 min
 Lab File: VU063648.D
 Acq: 25 Sep 2025 17:56

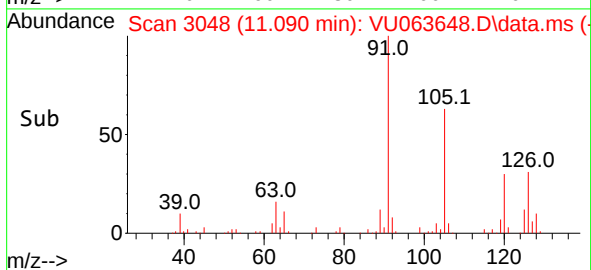
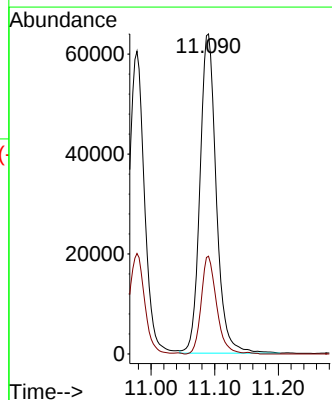
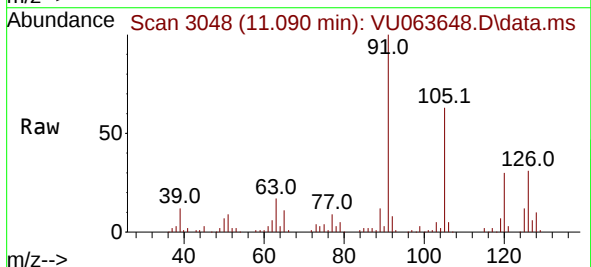
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

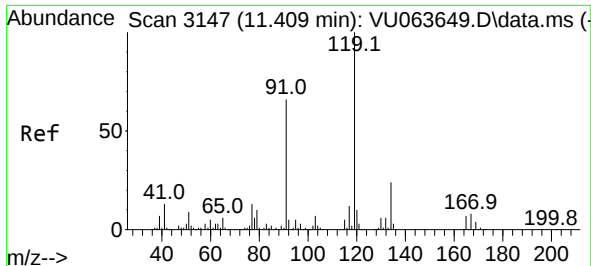
Tgt Ion: 75 Resp: 6811
 Ion Ratio Lower Upper
 75 100
 53 138.6 94.6 142.0
 89 48.2 37.4 56.2



#82
 4-Chlorotoluene
 Concen: 19.727 ug/l
 RT: 11.090 min Scan# 3048
 Delta R.T. 0.003 min
 Lab File: VU063648.D
 Acq: 25 Sep 2025 17:56

Tgt Ion: 91 Resp: 113865
 Ion Ratio Lower Upper
 91 100
 126 28.7 14.6 44.0

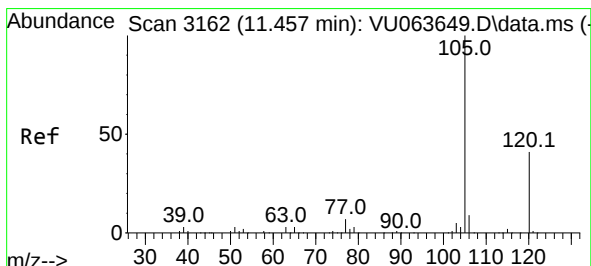
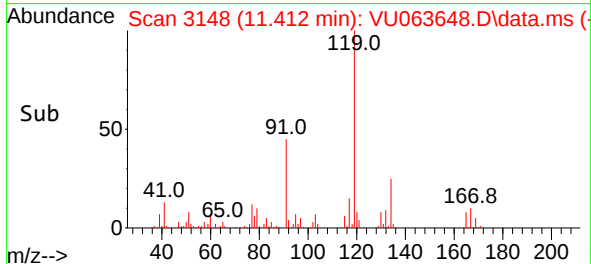
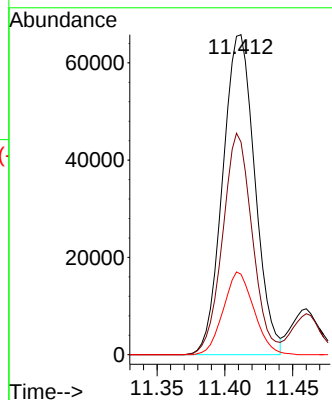
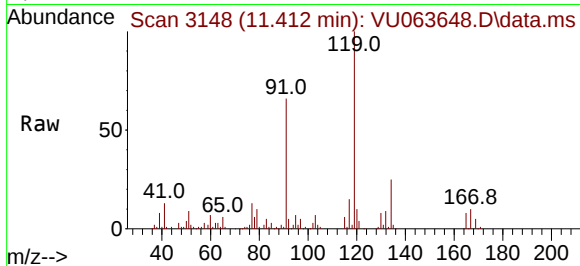




#83
tert-Butylbenzene
Concen: 19.172 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. 0.003 min
Lab File: VU063648.D
Acq: 25 Sep 2025 17:56

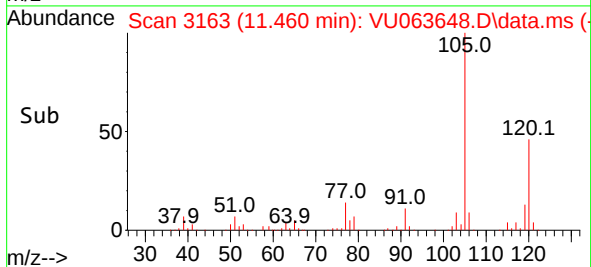
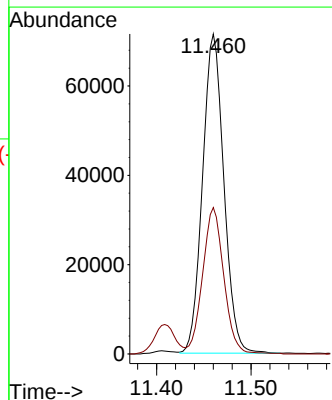
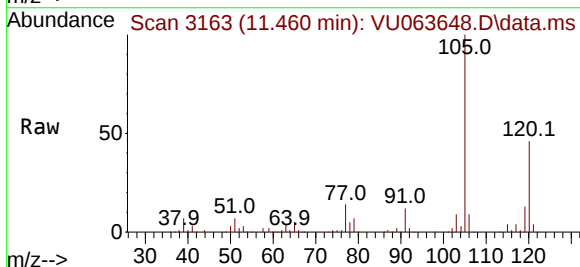
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

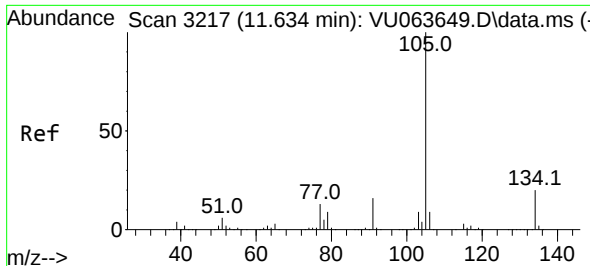
Tgt Ion:119 Resp: 108844
Ion Ratio Lower Upper
119 100
91 64.1 31.5 94.5
134 24.5 12.0 36.0



#84
1,2,4-Trimethylbenzene
Concen: 19.279 ug/l
RT: 11.460 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VU063648.D
Acq: 25 Sep 2025 17:56

Tgt Ion:105 Resp: 112037
Ion Ratio Lower Upper
105 100
120 45.6 22.6 67.7

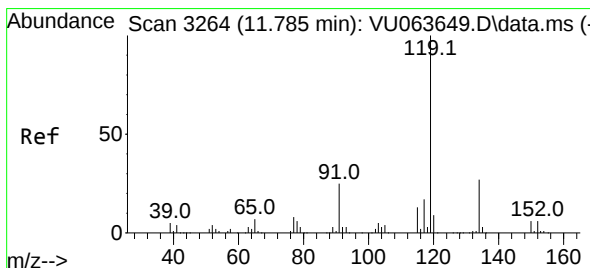
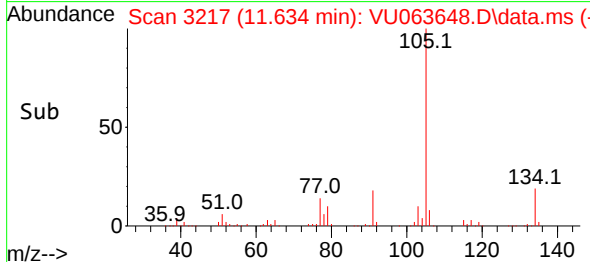
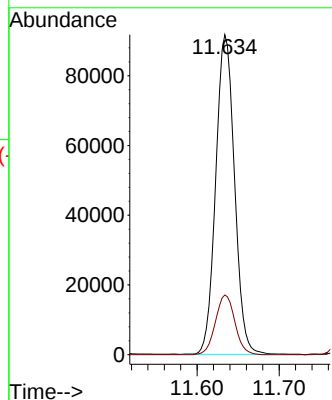
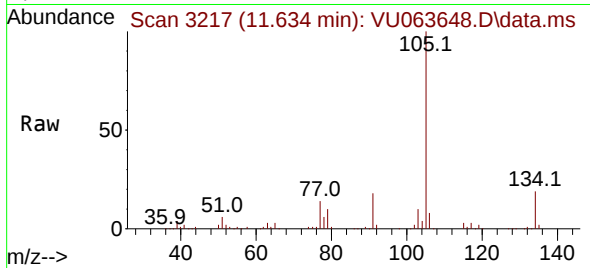




#85
 sec-Butylbenzene
 Concen: 19.656 ug/l
 RT: 11.634 min Scan# 3217
 Delta R.T. -0.000 min
 Lab File: VU063648.D
 Acq: 25 Sep 2025 17:56

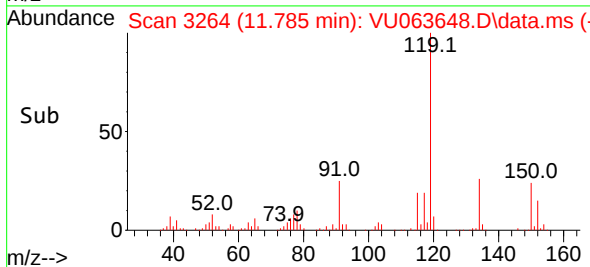
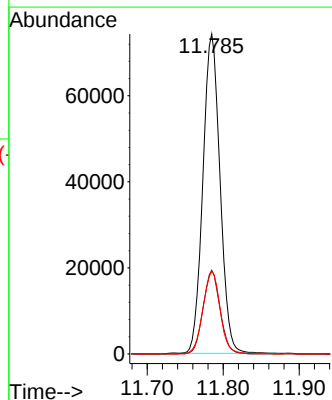
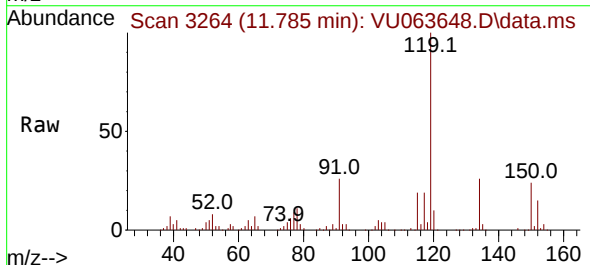
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

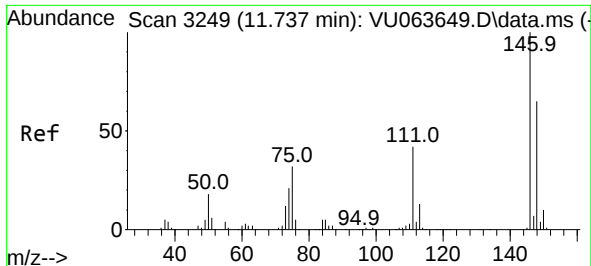
Tgt Ion:105 Resp: 145685
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 19.075 ug/l
 RT: 11.785 min Scan# 3264
 Delta R.T. -0.000 min
 Lab File: VU063648.D
 Acq: 25 Sep 2025 17:56

Tgt Ion:119 Resp: 116206
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.4 40.1
 91 25.9 12.7 38.1





#87

1,3-Dichlorobenzene

Concen: 19.217 ug/l

RT: 11.740 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU063648.D

Acq: 25 Sep 2025 17:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

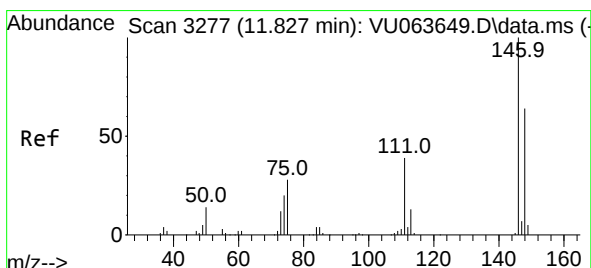
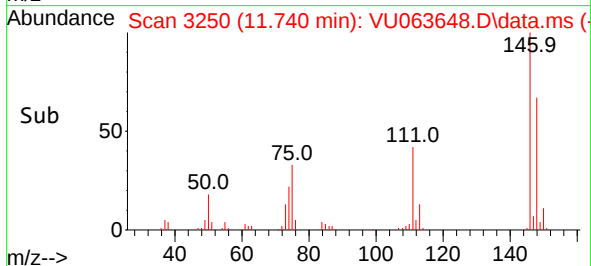
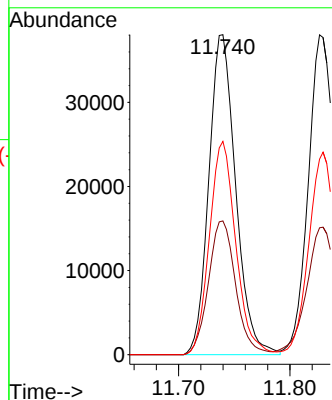
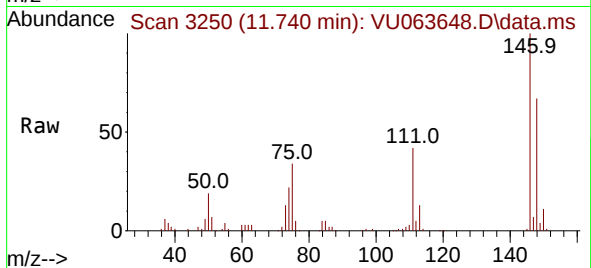
Tgt Ion:146 Resp: 63716

Ion Ratio Lower Upper

146 100

111 42.4 20.8 62.5

148 65.6 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 18.839 ug/l

RT: 11.827 min Scan# 3277

Delta R.T. -0.000 min

Lab File: VU063648.D

Acq: 25 Sep 2025 17:56

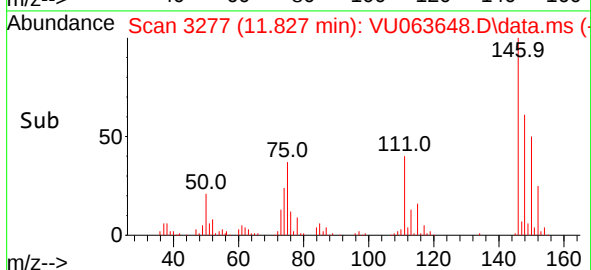
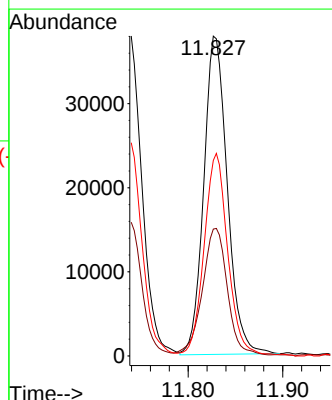
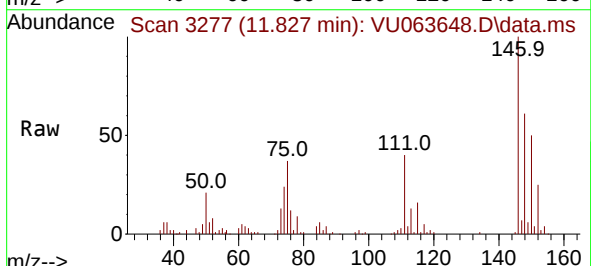
Tgt Ion:146 Resp: 65543

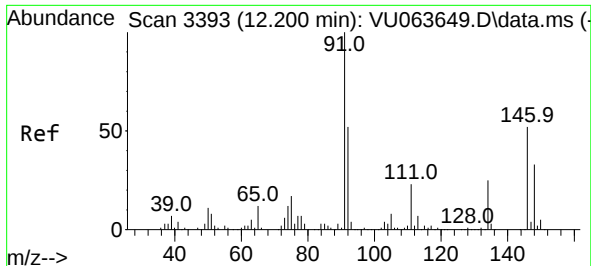
Ion Ratio Lower Upper

146 100

111 42.1 20.3 60.8

148 64.6 31.7 95.1

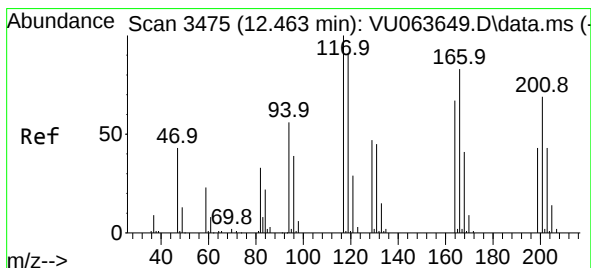
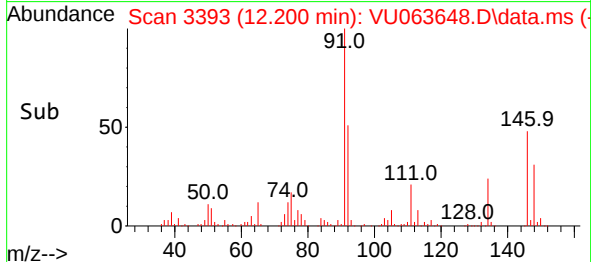
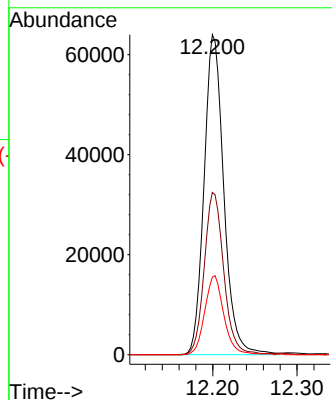
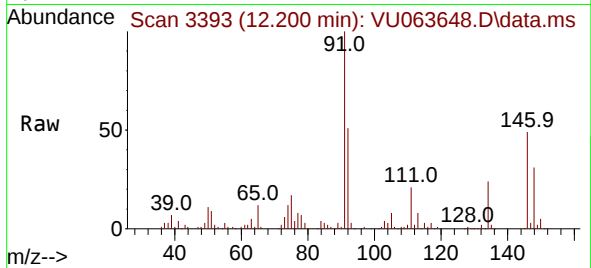




#89
n-Butylbenzene
Concen: 19.253 ug/l
RT: 12.200 min Scan# 3393
Delta R.T. -0.000 min
Lab File: VU063648.D
Acq: 25 Sep 2025 17:56

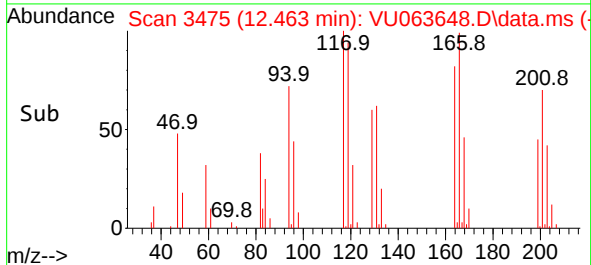
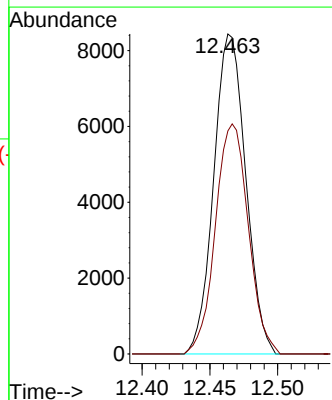
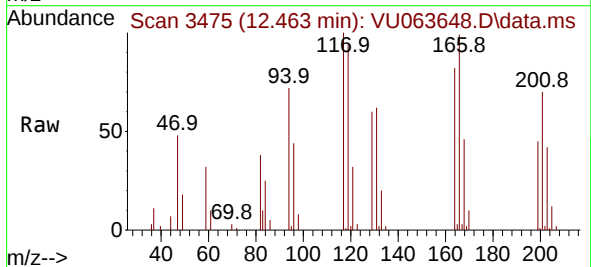
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ClientSampleId :
VSTDIC020

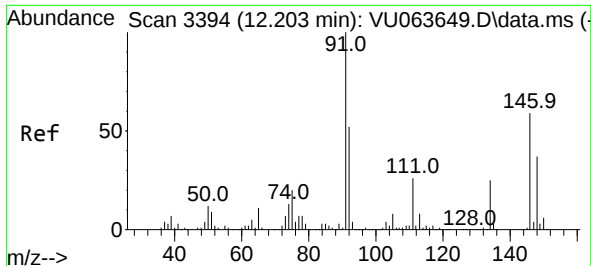
Tgt Ion: 91 Resp: 104535
Ion Ratio Lower Upper
91 100
92 50.0 26.0 78.0
134 23.9 12.4 37.4



#90
Hexachloroethane
Concen: 18.615 ug/l
RT: 12.463 min Scan# 3475
Delta R.T. 0.000 min
Lab File: VU063648.D
Acq: 25 Sep 2025 17:56

Tgt Ion: 117 Resp: 13853
Ion Ratio Lower Upper
117 100
201 74.1 35.8 107.3

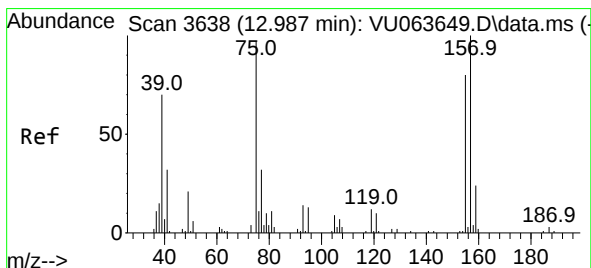
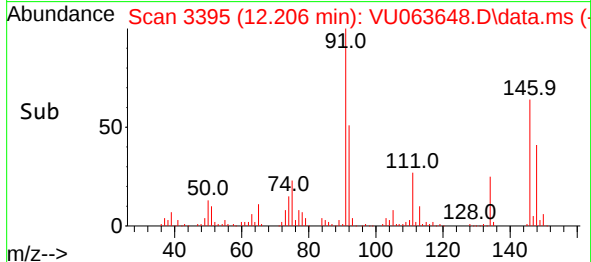
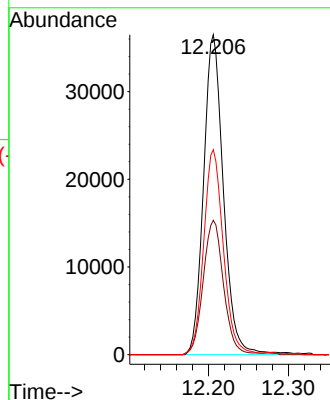
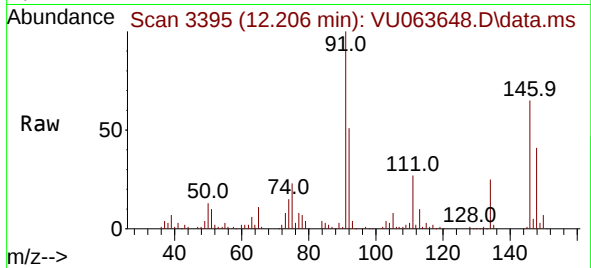




#91
 1,2-Dichlorobenzene
 Concen: 19.466 ug/l
 RT: 12.206 min Scan# 311
 Delta R.T. 0.003 min
 Lab File: VU063648.D
 Acq: 25 Sep 2025 17:56

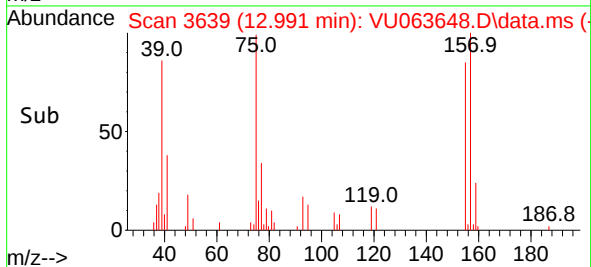
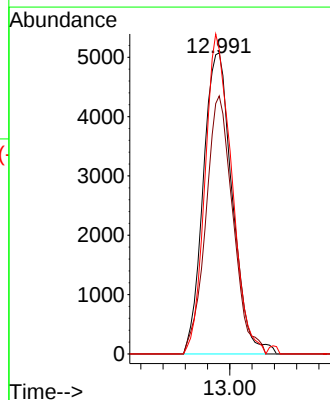
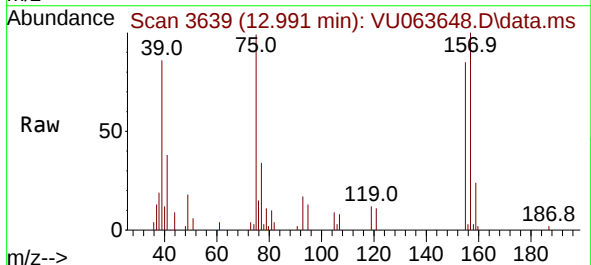
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 ClientSampleId :
 VSTDIC020

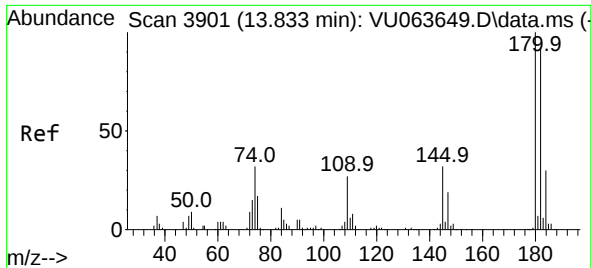
Tgt Ion:146 Resp: 63071
 Ion Ratio Lower Upper
 146 100
 111 42.9 21.7 65.1
 148 63.4 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.184 ug/l
 RT: 12.991 min Scan# 3639
 Delta R.T. 0.003 min
 Lab File: VU063648.D
 Acq: 25 Sep 2025 17:56

Tgt Ion: 75 Resp: 9181
 Ion Ratio Lower Upper
 75 100
 155 80.0 39.3 117.8
 157 97.4 50.8 152.4

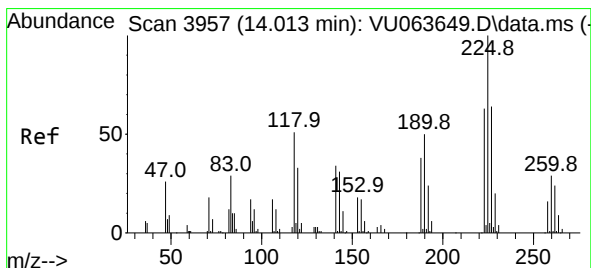
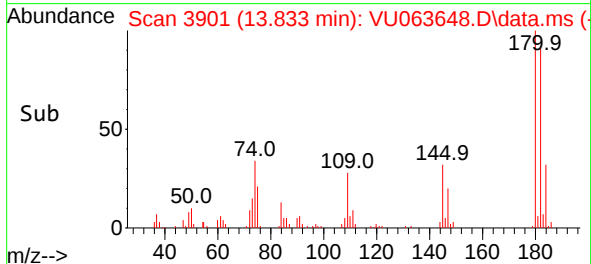
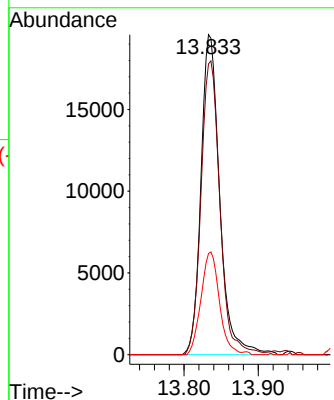
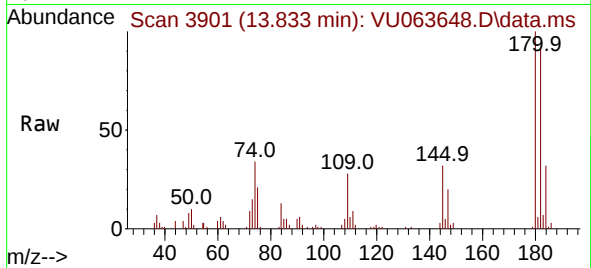




#93
1,2,4-Trichlorobenzene
Concen: 18.524 ug/l
RT: 13.833 min Scan# 3901
Delta R.T. -0.000 min
Lab File: VU063648.D
Acq: 25 Sep 2025 17:56

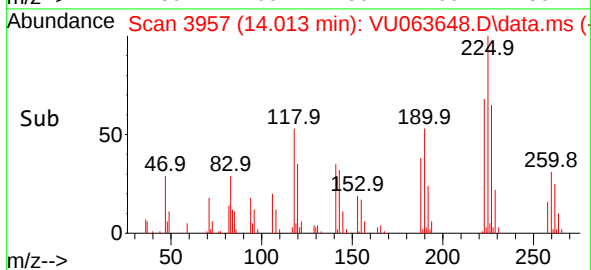
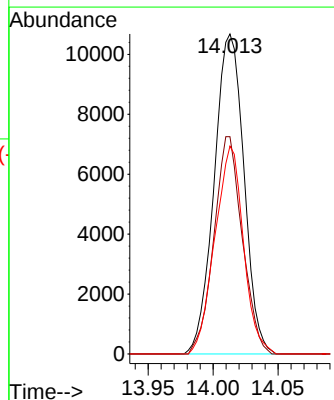
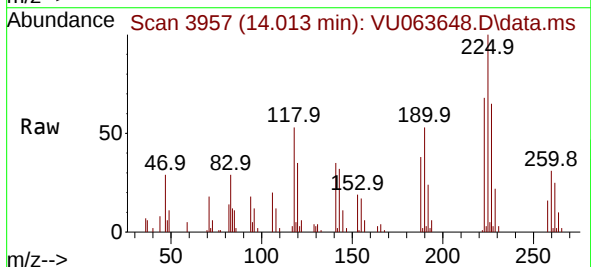
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

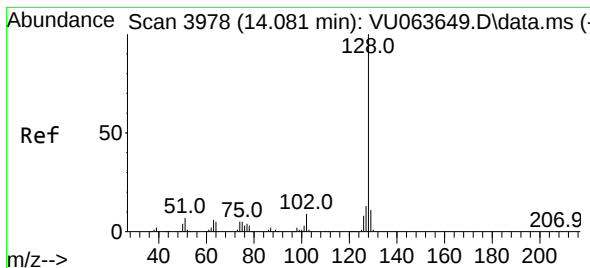
Tgt Ion:180 Resp: 34375
Ion Ratio Lower Upper
180 100
182 92.1 47.0 141.0
145 31.4 16.0 48.0



#94
Hexachlorobutadiene
Concen: 18.212 ug/l
RT: 14.013 min Scan# 3957
Delta R.T. -0.000 min
Lab File: VU063648.D
Acq: 25 Sep 2025 17:56

Tgt Ion:225 Resp: 17020
Ion Ratio Lower Upper
225 100
223 64.7 31.1 93.3
227 62.3 31.2 93.6





#95

Naphthalene

Concen: 18.147 ug/l

RT: 14.084 min Scan# 3978

Delta R.T. 0.003 min

Lab File: VU063648.D

Acq: 25 Sep 2025 17:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

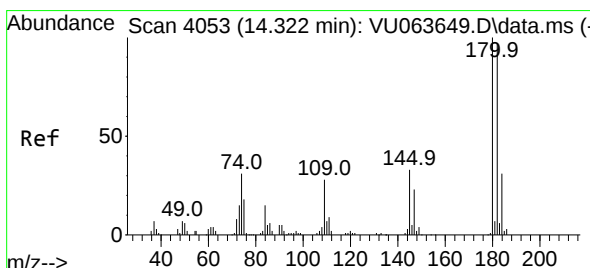
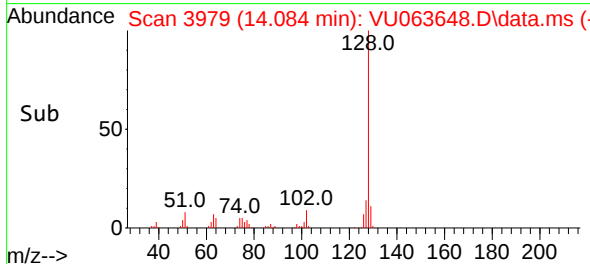
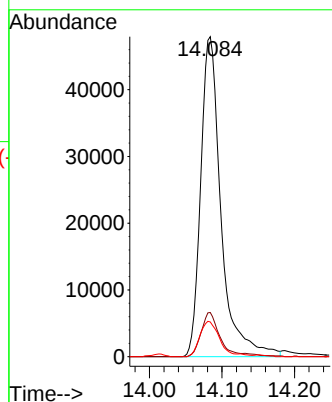
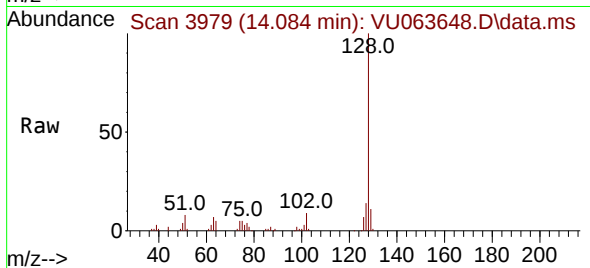
Tgt Ion:128 Resp: 93364

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 17.774 ug/l

RT: 14.322 min Scan# 4053

Delta R.T. -0.000 min

Lab File: VU063648.D

Acq: 25 Sep 2025 17:56

Tgt Ion:180 Resp: 33073

Ion Ratio Lower Upper

180 100

182 93.9 47.1 141.4

145 32.9 16.4 49.1

