

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070825\
 Data File : VU063463.D
 Acq On : 08 Jul 2025 13:48
 Operator : MD/SY
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

Quant Time: Jul 09 03:24:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 09 03:15:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.361	168	151969	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.239	114	272970	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.409	117	245043	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.804	152	132138	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.692	65	99214	51.169	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.340%	
35) Dibromofluoromethane	5.277	113	81758	49.688	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.380%	
50) Toluene-d8	7.888	98	267642	49.900	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.800%	
62) 4-Bromofluorobenzene	10.624	95	114157	48.659	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.320%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.380	85	61755	51.095	ug/l	100
3) Chloromethane	1.518	50	65683	51.913	ug/l	100
4) Vinyl Chloride	1.599	62	77916	47.733	ug/l	100
5) Bromomethane	1.840	94	55950	48.922	ug/l	100
6) Chloroethane	1.920	64	53211	57.148	ug/l	100
7) Trichlorofluoromethane	2.126	101	134747	51.169	ug/l	100
8) Diethyl Ether	2.371	74	56859	51.809	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.570	101	80112	51.434	ug/l	100
10) Methyl Iodide	2.708	142	90801	55.811	ug/l	100
11) Tert butyl alcohol	3.187	59	158649	244.038	ug/l	100
12) 1,1-Dichloroethene	2.570	96	71096	48.523	ug/l	100
13) Acrolein	2.480	56	21078	229.706	ug/l	100
14) Allyl chloride	2.907	41	164628	46.524	ug/l	100
15) Acrylonitrile	3.303	53	366565	263.240	ug/l	100
16) Acetone	2.618	43	374890	230.489	ug/l	100
17) Carbon Disulfide	2.779	76	140192	50.037	ug/l	100
18) Methyl Acetate	2.940	43	244929	57.505	ug/l	100
19) Methyl tert-butyl Ether	3.358	73	335259	53.615	ug/l	100
20) Methylene Chloride	3.030	84	100040	57.251	ug/l	100
21) trans-1,2-Dichloroethene	3.335	96	70701	52.241	ug/l	100
22) Diisopropyl ether	3.988	45	303468	51.642	ug/l	100
23) Vinyl Acetate	3.946	43	1188105	260.564	ug/l	100
24) 1,1-Dichloroethane	3.850	63	173041	51.885	ug/l	100
25) 2-Butanone	4.702	43	495567	271.410	ug/l	100
26) 2,2-Dichloropropane	4.647	77	147872	49.919	ug/l	100
27) cis-1,2-Dichloroethene	4.650	96	102187	49.699	ug/l	100
28) Bromochloromethane	4.959	49	79575	50.794	ug/l	100
29) Tetrahydrofuran	5.049	42	307669	254.298	ug/l	100
30) Chloroform	5.075	83	180769	51.339	ug/l	100
31) Cyclohexane	5.367	56	131997	49.166	ug/l	100
32) 1,1,1-Trichloroethane	5.300	97	153996	51.365	ug/l	100
36) 1,1-Dichloropropene	5.512	75	104586	46.779	ug/l	100
37) Ethyl Acetate	4.805	43	167532	45.347	ug/l	100
38) Carbon Tetrachloride	5.509	117	121212	49.205	ug/l	100
39) Methylcyclohexane	6.750	83	132149	48.918	ug/l	100
40) Benzene	5.759	78	361653	51.795	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.965	41	92653	55.903	ug/l	100
42) 1,2-Dichloroethane	5.782	62	135745	51.703	ug/l	100
43) Isopropyl Acetate	5.911	43	257420	53.524	ug/l	100
44) Trichloroethene	6.531	130	90191	48.268	ug/l	100
45) 1,2-Dichloropropane	6.782	63	101124	52.098	ug/l	100
46) Dibromomethane	6.907	93	71619	51.858	ug/l	100
47) Bromodichloromethane	7.094	83	146609	51.053	ug/l	100
48) Methyl methacrylate	6.956	41	123088	55.373	ug/l	100
49) 1,4-Dioxane	6.962	88	49038	1005.330	ug/l	100
51) 4-Methyl-2-Pentanone	7.782	43	984551	282.835	ug/l	100
52) Toluene	7.962	92	221739	48.552	ug/l	100
53) t-1,3-Dichloropropene	8.200	75	135116	53.768	ug/l	100
54) cis-1,3-Dichloropropene	7.599	75	151775	53.953	ug/l	100
55) 1,1,2-Trichloroethane	8.390	97	98397	50.732	ug/l	100
56) Ethyl methacrylate	8.329	69	166011	53.061	ug/l	100
57) 1,3-Dichloropropane	8.566	76	165195	51.671	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.460	63	8340	256.708	ug/l	100
59) 2-Hexanone	8.676	43	777586	295.335	ug/l	100
60) Dibromochloromethane	8.801	129	114859	52.864	ug/l	100
61) 1,2-Dibromoethane	8.914	107	96200	50.535	ug/l	100
64) Tetrachloroethene	8.544	164	90298	49.501	ug/l	100
65) Chlorobenzene	9.438	112	262696	51.528	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.525	131	96361	55.114	ug/l	100
67) Ethyl Benzene	9.563	91	448954	51.238	ug/l	100
68) m/p-Xylenes	9.685	106	340564	101.843	ug/l	100
69) o-Xylene	10.090	106	173403	51.003	ug/l	100
70) Styrene	10.107	104	290320	53.705	ug/l	100
71) Bromoform	10.280	173	83489	54.785	ug/l #	100
73) Isopropylbenzene	10.476	105	460683	51.238	ug/l	100
74) N-amyl acetate	10.312	43	257479	63.858	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.772	83	172367	52.082	ug/l	100
76) 1,2,3-Trichloropropane	10.814	75	177410	50.668	ug/l #	81
77) Bromobenzene	10.775	156	111935	50.789	ug/l	100
78) n-propylbenzene	10.898	91	541472	51.929	ug/l	100
79) 2-Chlorotoluene	10.978	91	344175	52.630	ug/l	100
80) 1,3,5-Trimethylbenzene	11.081	105	405022	51.503	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.537	75	34431	49.044	ug/l	100
82) 4-Chlorotoluene	11.087	91	384976	51.854	ug/l	100
83) tert-Butylbenzene	11.412	119	398644	52.859	ug/l	100
84) 1,2,4-Trimethylbenzene	11.460	105	407046	52.710	ug/l	100
85) sec-Butylbenzene	11.634	105	516743	51.925	ug/l	100
86) p-Isopropyltoluene	11.785	119	427509	52.952	ug/l	100
87) 1,3-Dichlorobenzene	11.737	146	214170	50.429	ug/l	100
88) 1,4-Dichlorobenzene	11.827	146	215061	49.723	ug/l	100
89) n-Butylbenzene	12.200	91	398865	53.379	ug/l	100
90) Hexachloroethane	12.467	117	70144	51.947	ug/l	100
91) 1,2-Dichlorobenzene	12.203	146	217424	52.501	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.987	75	43976	56.104	ug/l	100
93) 1,2,4-Trichlorobenzene	13.833	180	144425	54.455	ug/l	100
94) Hexachlorobutadiene	14.013	225	61503	54.249	ug/l	100
95) Naphthalene	14.077	128	501767	57.770	ug/l	100
96) 1,2,3-Trichlorobenzene	14.322	180	145510	55.828	ug/l	100

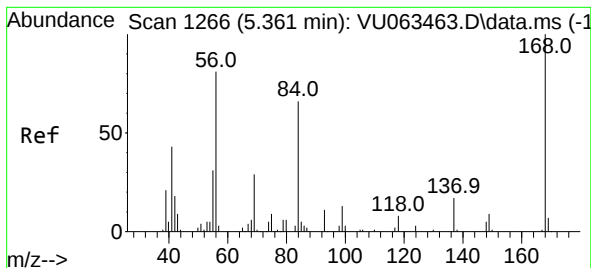
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QLast Update : Wed Jul 09 03:15:26 2025
Response via : Initial Calibration

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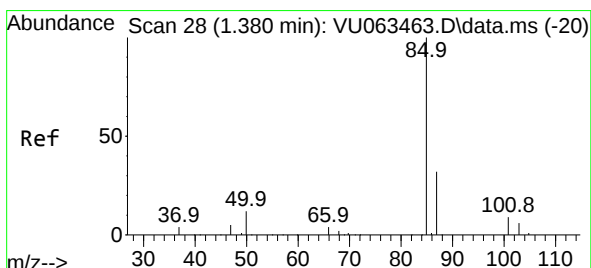
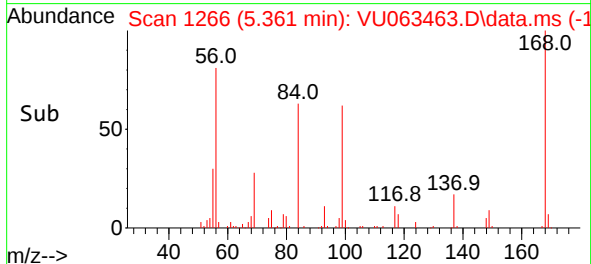
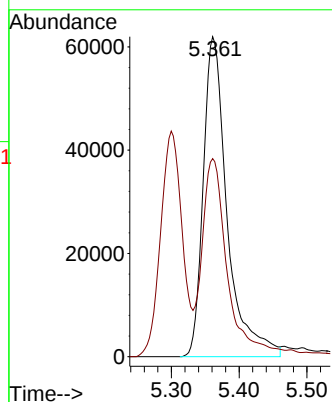
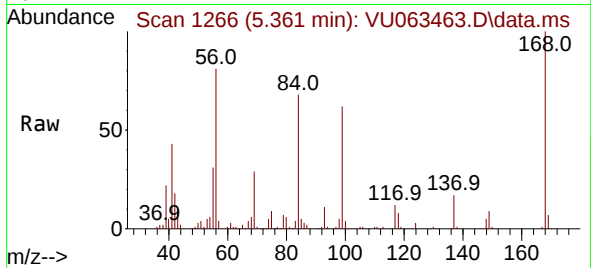
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.361 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU063463.D
Acq: 08 Jul 2025 13:48

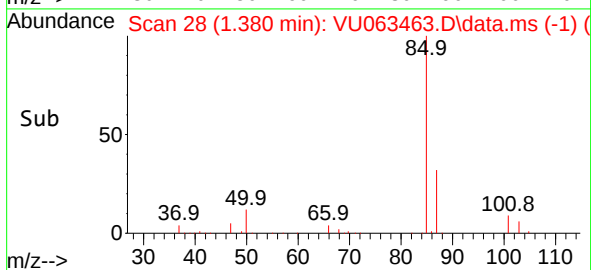
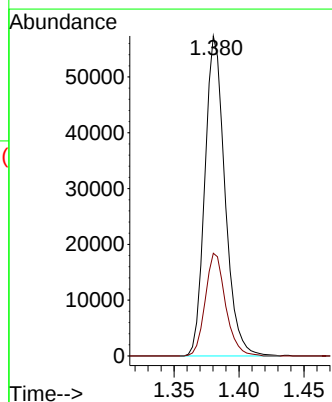
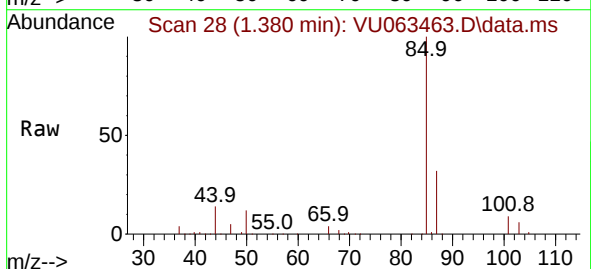
Instrument :
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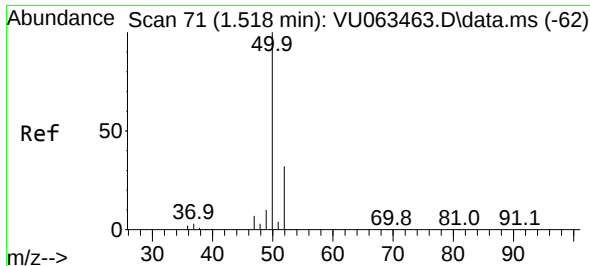
Tgt Ion:168 Resp: 151969
Ion Ratio Lower Upper
168 100
99 59.6 47.7 71.5



#2
Dichlorodifluoromethane
Concen: 51.095 ug/l
RT: 1.380 min Scan# 28
Delta R.T. 0.000 min
Lab File: VU063463.D
Acq: 08 Jul 2025 13:48

Tgt Ion: 85 Resp: 61755
Ion Ratio Lower Upper
85 100
87 32.1 16.1 48.2

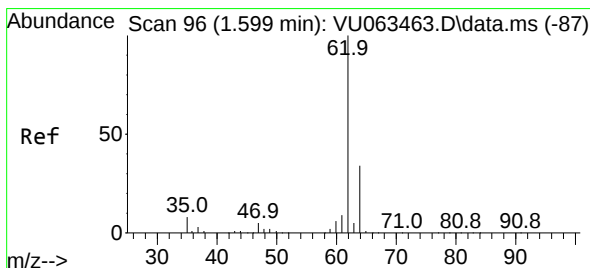
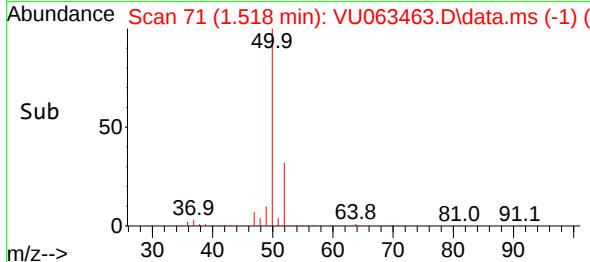
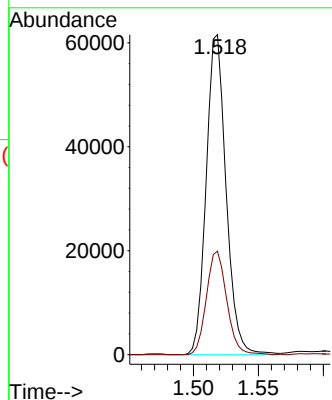
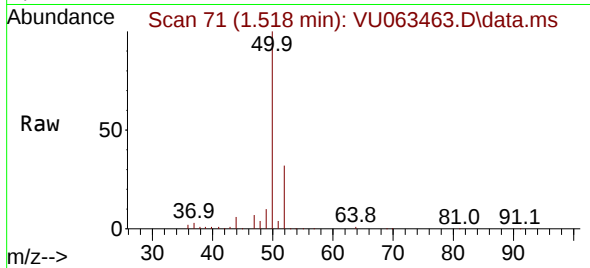




#3
Chloromethane
Concen: 51.913 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU063463.D
Acq: 08 Jul 2025 13:48

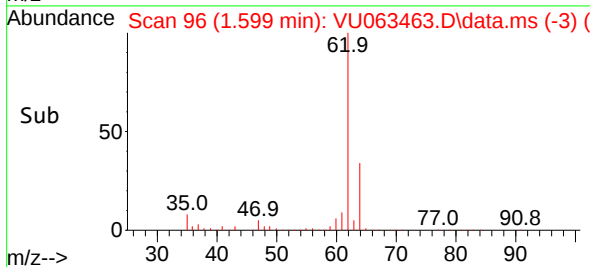
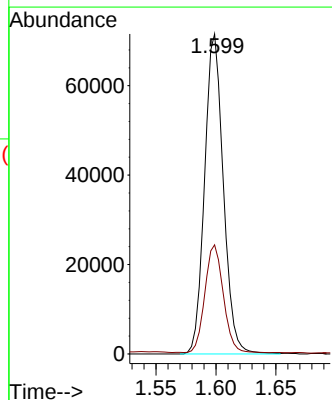
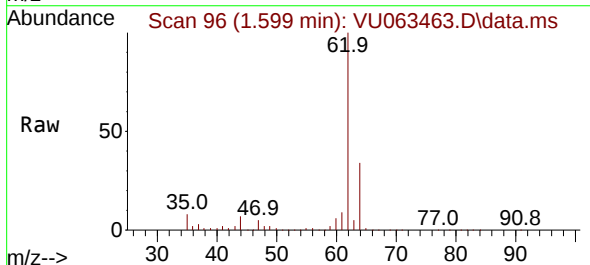
Instrument :
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ClientSampleId :
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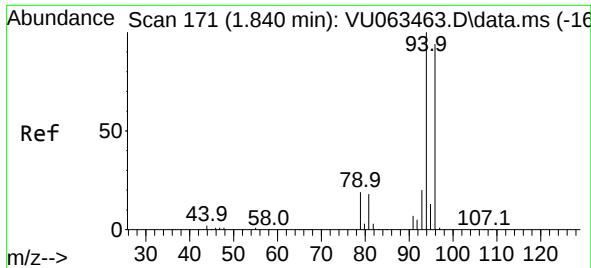
Tgt Ion: 50 Resp: 65683
Ion Ratio Lower Upper
50 100
52 32.3 25.8 38.8



#4
Vinyl Chloride
Concen: 47.733 ug/l
RT: 1.599 min Scan# 96
Delta R.T. 0.000 min
Lab File: VU063463.D
Acq: 08 Jul 2025 13:48

Tgt Ion: 62 Resp: 77916
Ion Ratio Lower Upper
62 100
64 33.6 26.9 40.3

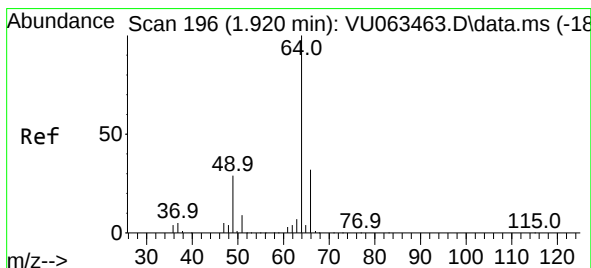
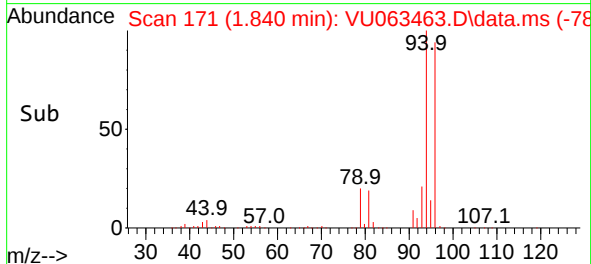
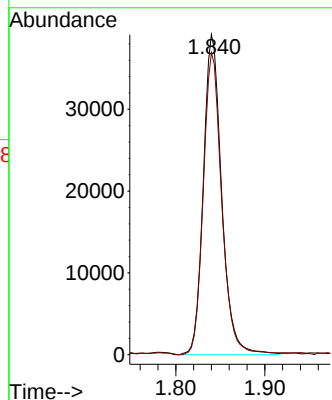
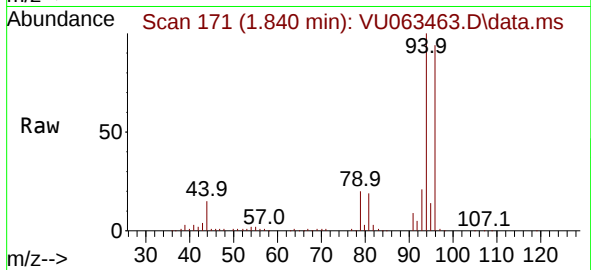




#5
Bromomethane
Concen: 48.922 ug/l
RT: 1.840 min Scan# 171
Delta R.T. 0.000 min
Lab File: VU063463.D
Acq: 08 Jul 2025 13:48

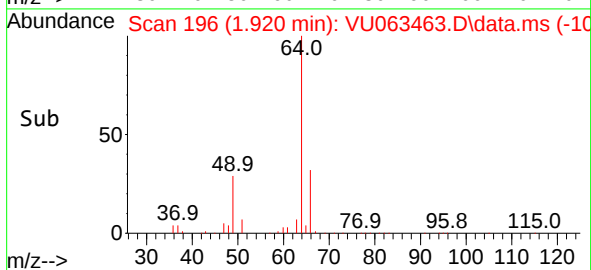
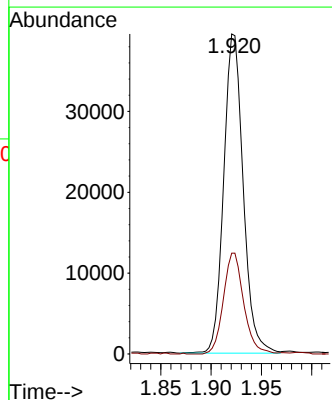
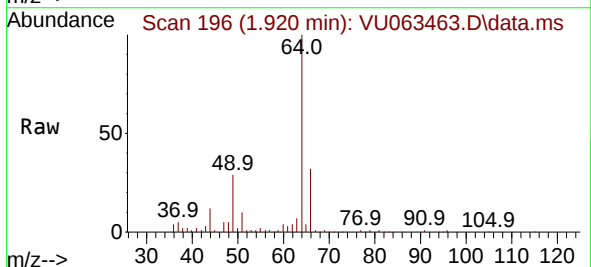
Instrument :
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Tgt Ion: 94 Resp: 55950
Ion Ratio Lower Upper
94 100
96 94.4 75.5 113.3



#6
Chloroethane
Concen: 57.148 ug/l
RT: 1.920 min Scan# 196
Delta R.T. 0.000 min
Lab File: VU063463.D
Acq: 08 Jul 2025 13:48

Tgt Ion: 64 Resp: 53211
Ion Ratio Lower Upper
64 100
66 31.6 25.3 37.9

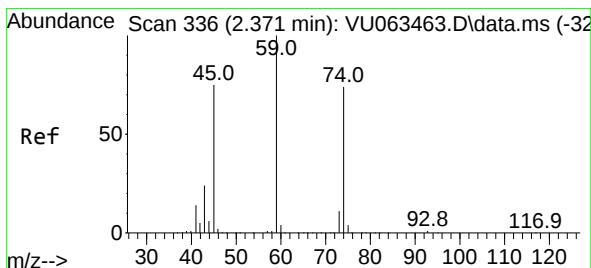
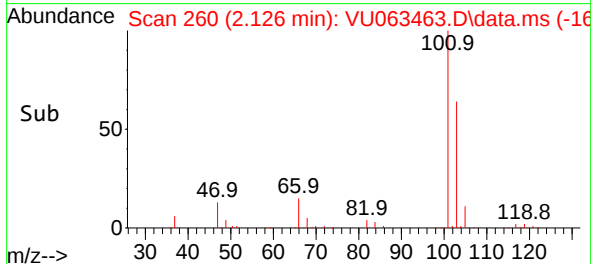
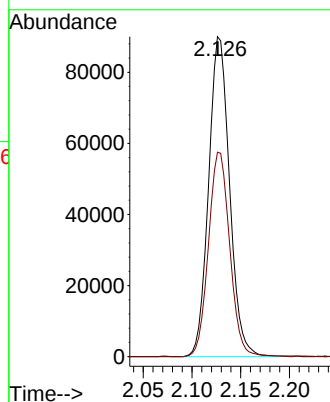
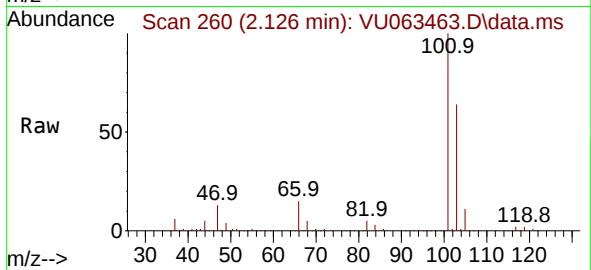




#7
 Trichlorofluoromethane
 Concen: 51.169 ug/l
 RT: 2.126 min Scan# 260
 Delta R.T. 0.000 min
 Lab File: VU063463.D
 Acq: 08 Jul 2025 13:48

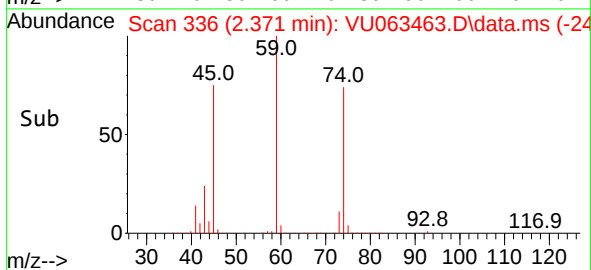
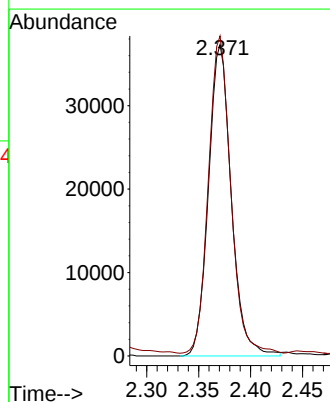
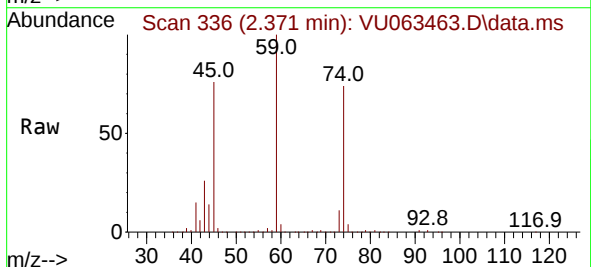
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 ClientSampleId :
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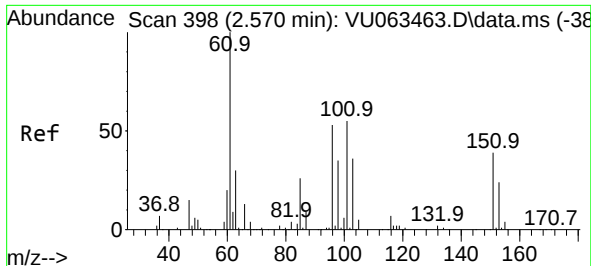
Tgt Ion:101 Resp: 134747
 Ion Ratio Lower Upper
 101 100
 103 63.9 51.1 76.7



#8
 Diethyl Ether
 Concen: 51.809 ug/l
 RT: 2.371 min Scan# 336
 Delta R.T. 0.000 min
 Lab File: VU063463.D
 Acq: 08 Jul 2025 13:48

Tgt Ion: 74 Resp: 56859
 Ion Ratio Lower Upper
 74 100
 45 99.4 49.7 149.1

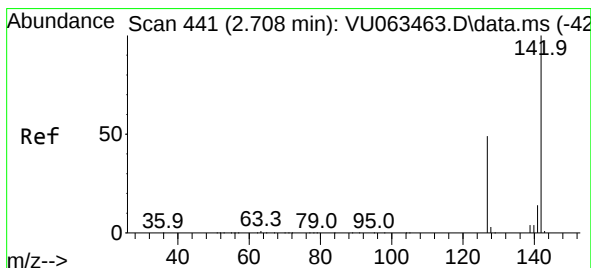
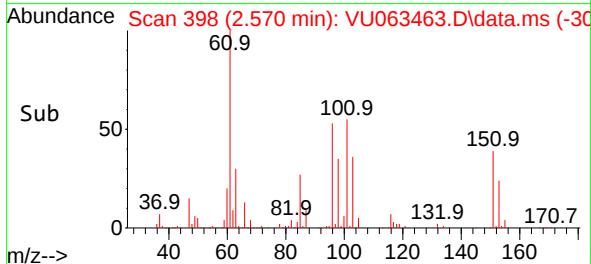
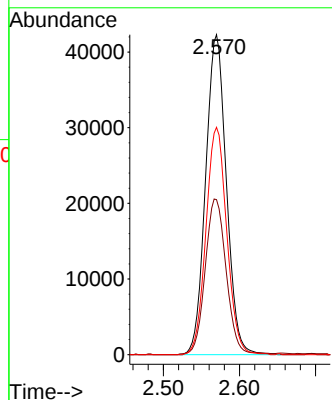
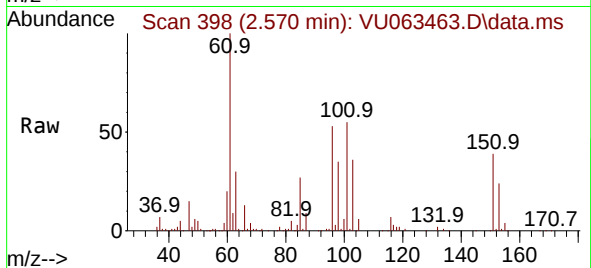




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.434 ug/l
RT: 2.570 min Scan# 398
Delta R.T. 0.000 min
Lab File: VU063463.D
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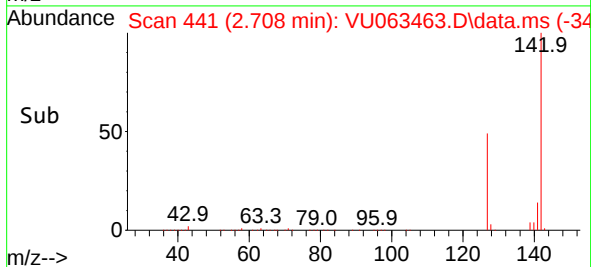
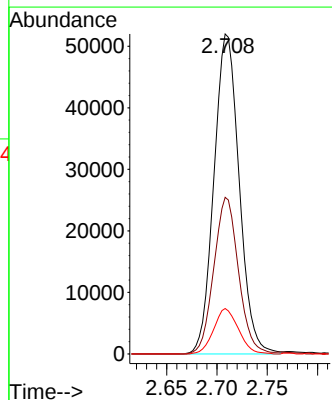
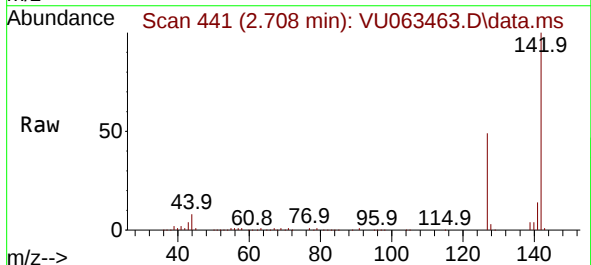
Instrument :
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ClientSampleId :
VSTDICCC050

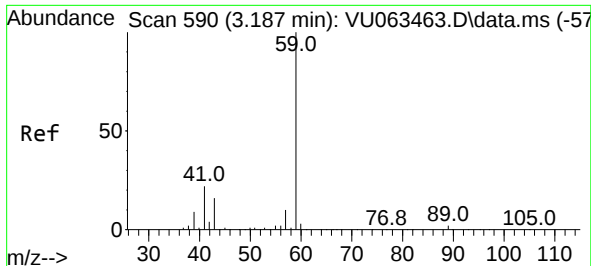
Tgt Ion:101 Resp: 80112
Ion Ratio Lower Upper
101 100
85 49.5 39.6 59.4
151 71.5 57.2 85.8



#10
Methyl Iodide
Concen: 55.811 ug/l
RT: 2.708 min Scan# 441
Delta R.T. 0.000 min
Lab File: VU063463.D
Acq: 08 Jul 2025 13:48

Tgt Ion:142 Resp: 90801
Ion Ratio Lower Upper
142 100
127 47.8 38.2 57.4
141 13.9 11.1 16.7

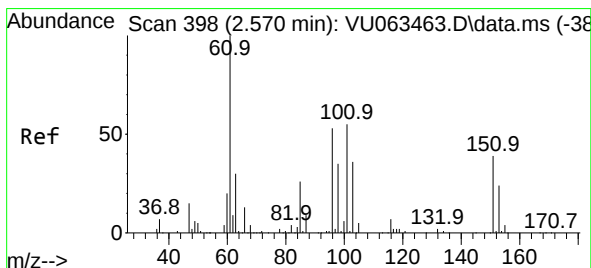
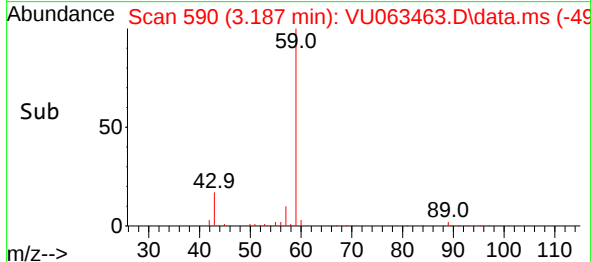
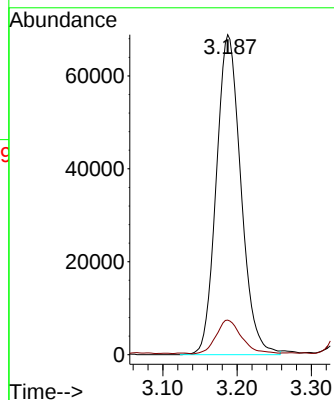
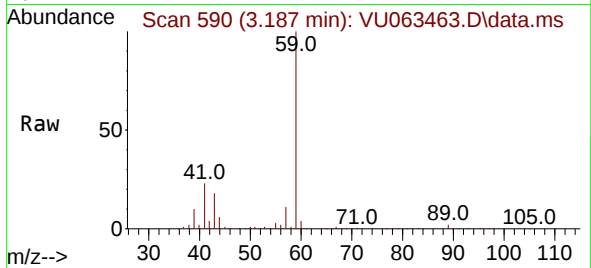




#11
Tert butyl alcohol
Concen: 244.038 ug/l
RT: 3.187 min Scan# 590
Delta R.T. 0.000 min
Lab File: VU063463.D
Acq: 08 Jul 2025 13:48

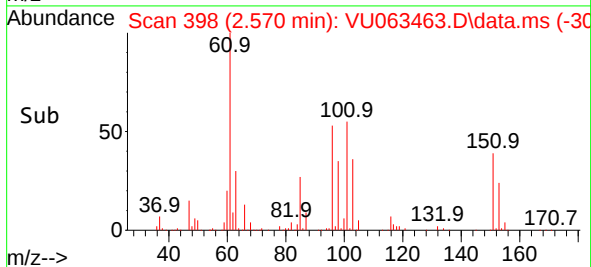
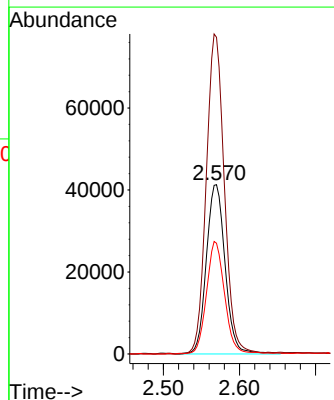
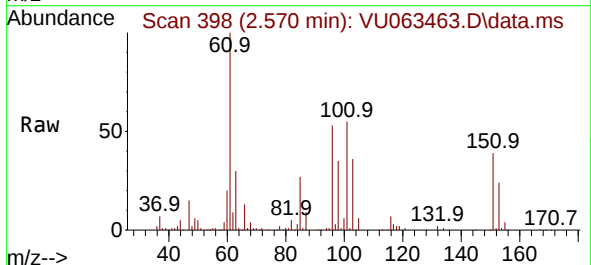
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

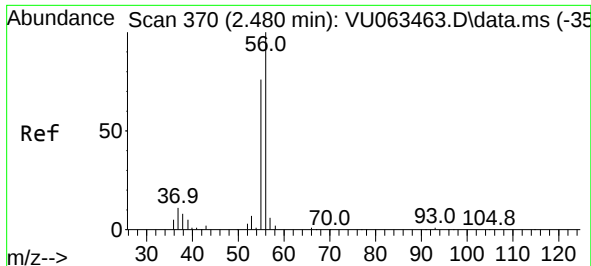
Tgt Ion: 59 Resp: 158649
Ion Ratio Lower Upper
59 100
57 11.0 8.8 13.2



#12
1,1-Dichloroethene
Concen: 48.523 ug/l
RT: 2.570 min Scan# 398
Delta R.T. 0.000 min
Lab File: VU063463.D
Acq: 08 Jul 2025 13:48

Tgt Ion: 96 Resp: 71096
Ion Ratio Lower Upper
96 100
61 187.0 149.6 224.4
98 65.0 52.0 78.0

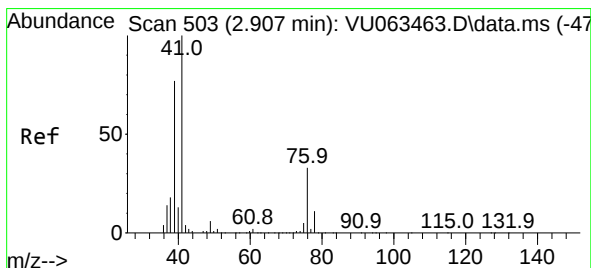
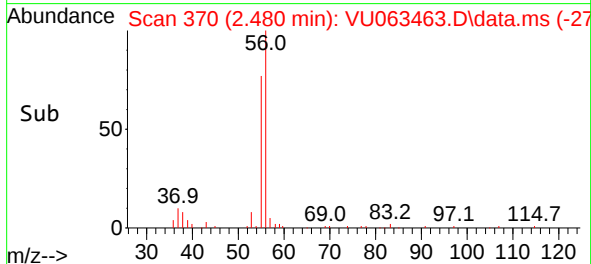
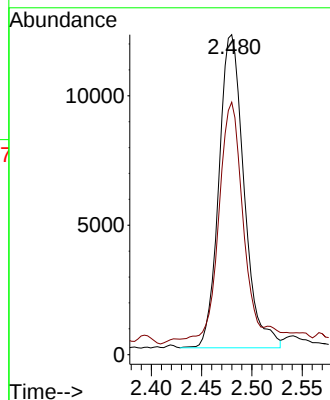
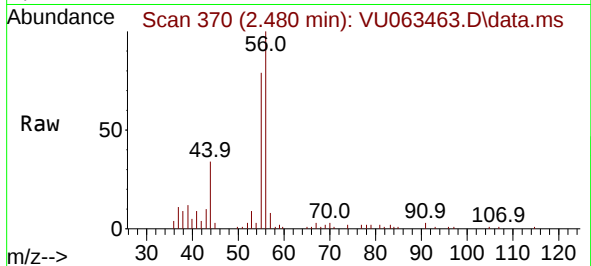




#13
Acrolein
Concen: 229.706 ug/l
RT: 2.480 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU063463.D
Acq: 08 Jul 2025 13:48

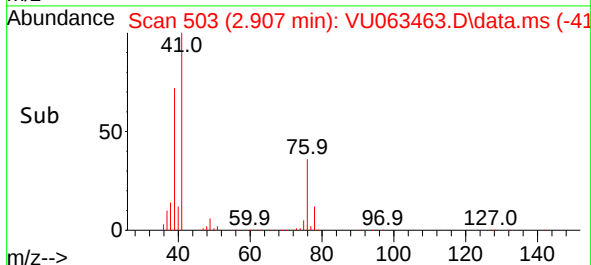
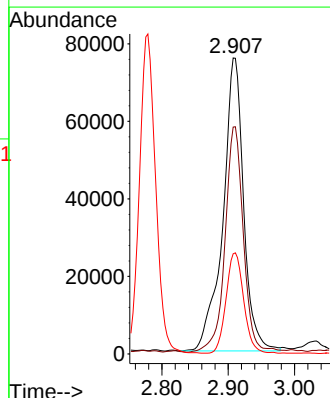
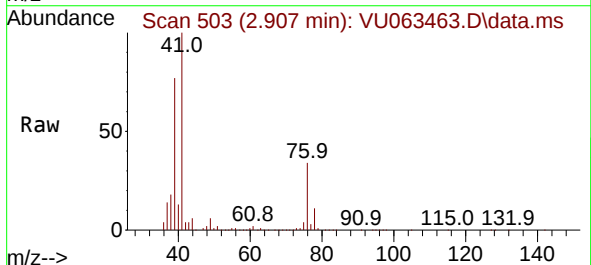
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

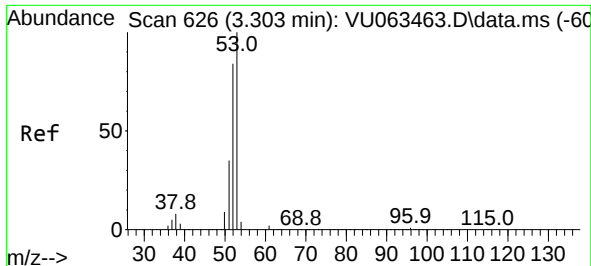
Tgt Ion: 56 Resp: 21078
Ion Ratio Lower Upper
56 100
55 75.2 60.2 90.2



#14
Allyl chloride
Concen: 46.524 ug/l
RT: 2.907 min Scan# 503
Delta R.T. 0.000 min
Lab File: VU063463.D
Acq: 08 Jul 2025 13:48

Tgt Ion: 41 Resp: 164628
Ion Ratio Lower Upper
41 100
39 67.4 53.9 80.9
76 28.9 23.1 34.7

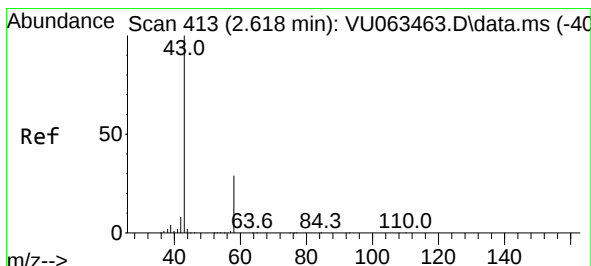
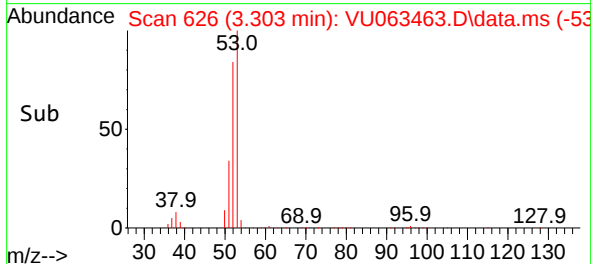
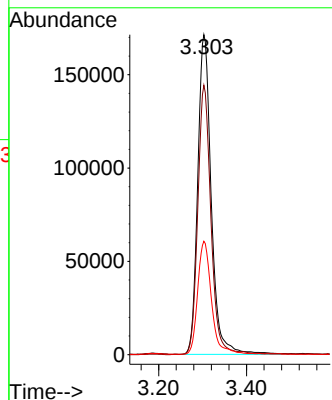
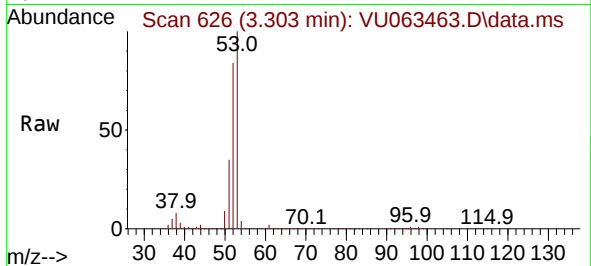




#15
Acrylonitrile
Concen: 263.240 ug/l
RT: 3.303 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU063463.D
Acq: 08 Jul 2025 13:48

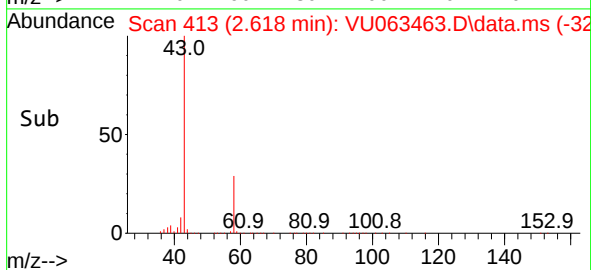
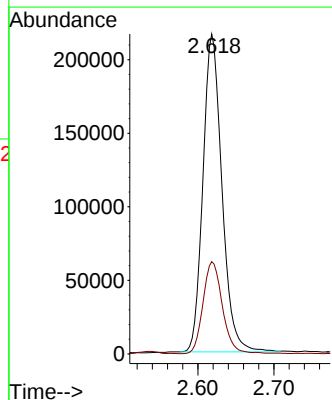
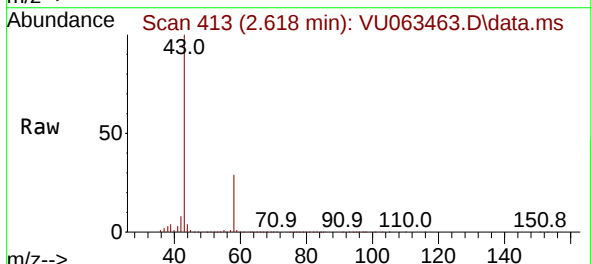
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

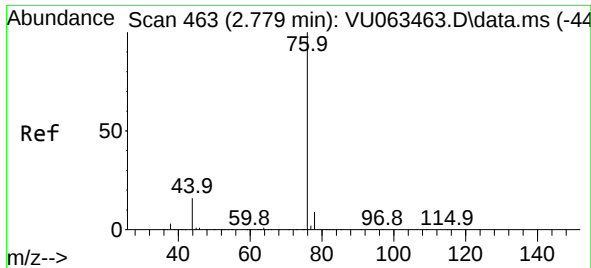
Tgt Ion: 53 Resp: 366565
Ion Ratio Lower Upper
53 100
52 81.2 65.0 97.4
51 36.0 28.8 43.2



#16
Acetone
Concen: 230.489 ug/l
RT: 2.618 min Scan# 413
Delta R.T. 0.000 min
Lab File: VU063463.D
Acq: 08 Jul 2025 13:48

Tgt Ion: 43 Resp: 374890
Ion Ratio Lower Upper
43 100
58 28.9 23.1 34.7

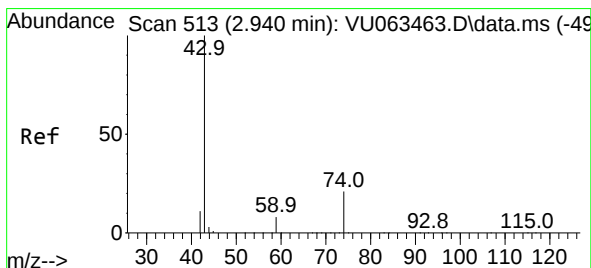
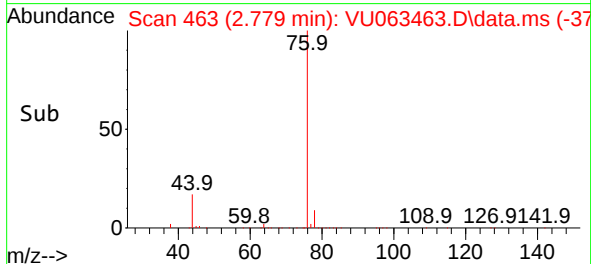
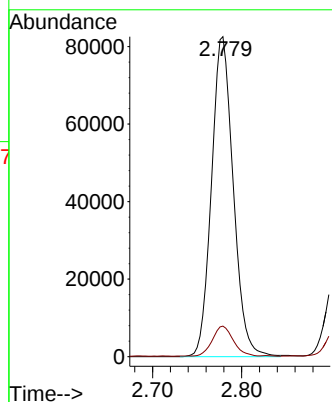
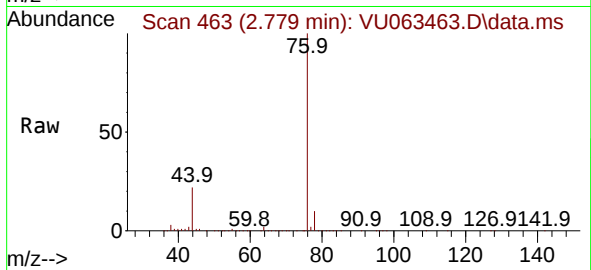




#17
Carbon Disulfide
Concen: 50.037 ug/l
RT: 2.779 min Scan# 463
Delta R.T. -0.000 min
Lab File: VU063463.D
Acq: 08 Jul 2025 13:48

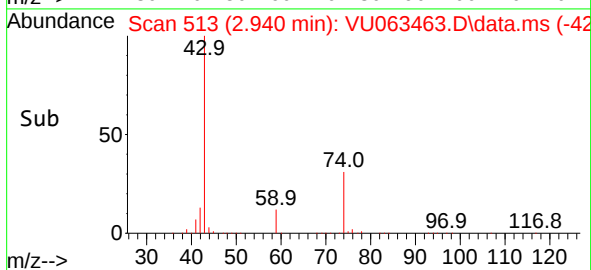
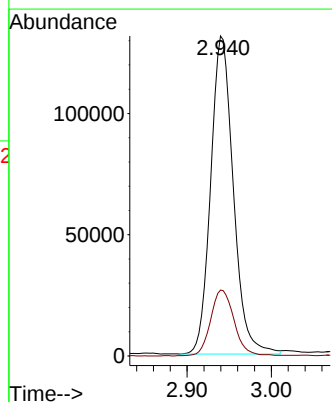
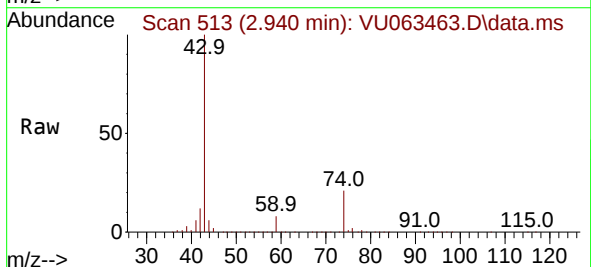
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

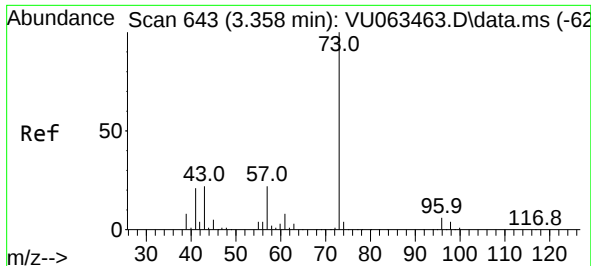
Tgt Ion: 76 Resp: 140192
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3



#18
Methyl Acetate
Concen: 57.505 ug/l
RT: 2.940 min Scan# 513
Delta R.T. 0.000 min
Lab File: VU063463.D
Acq: 08 Jul 2025 13:48

Tgt Ion: 43 Resp: 244929
Ion Ratio Lower Upper
43 100
74 21.6 17.3 25.9

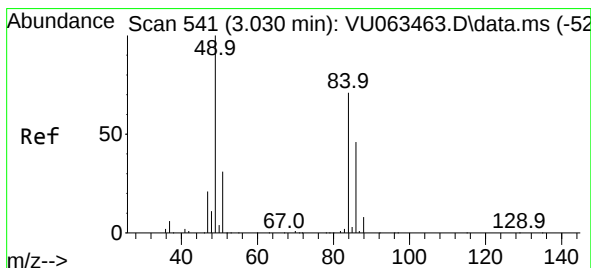
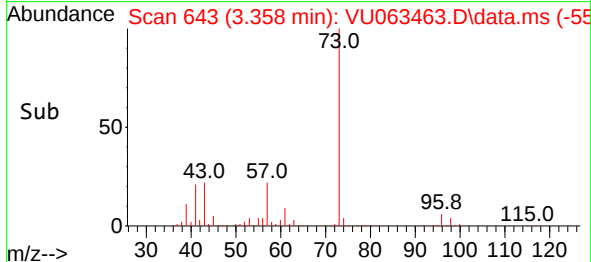
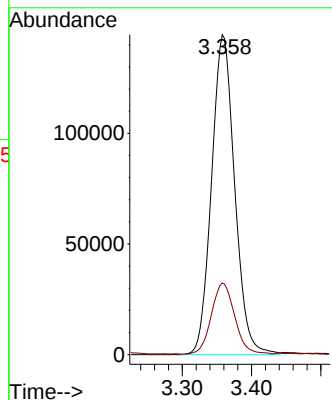
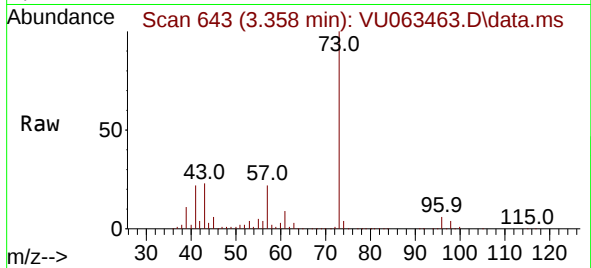




#19
Methyl tert-butyl Ether
Concen: 53.615 ug/l
RT: 3.358 min Scan# 643
Delta R.T. -0.000 min
Lab File: VU063463.D
Acq: 08 Jul 2025 13:48

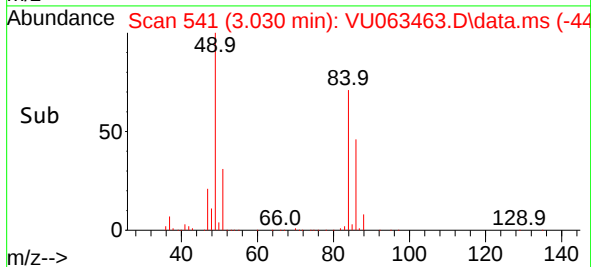
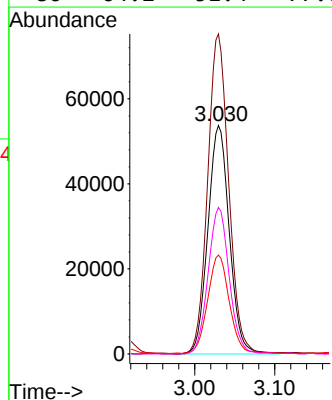
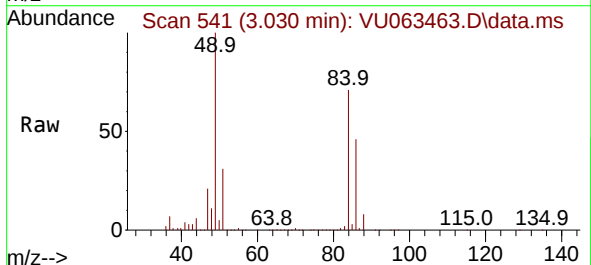
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

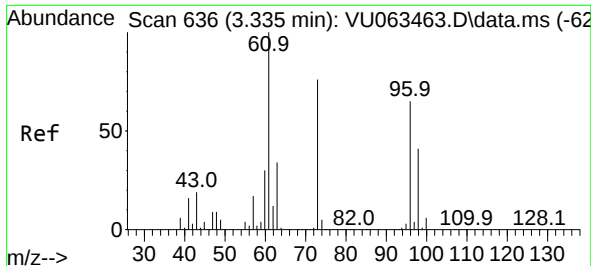
Tgt Ion: 73 Resp: 335259
Ion Ratio Lower Upper
73 100
57 22.2 17.8 26.6



#20
Methylene Chloride
Concen: 57.251 ug/l
RT: 3.030 min Scan# 541
Delta R.T. -0.000 min
Lab File: VU063463.D
Acq: 08 Jul 2025 13:48

Tgt Ion: 84 Resp: 100040
Ion Ratio Lower Upper
84 100
49 140.1 112.1 168.1
51 43.0 34.4 51.6
86 64.2 51.4 77.0

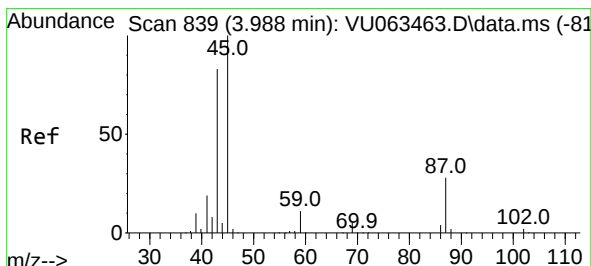
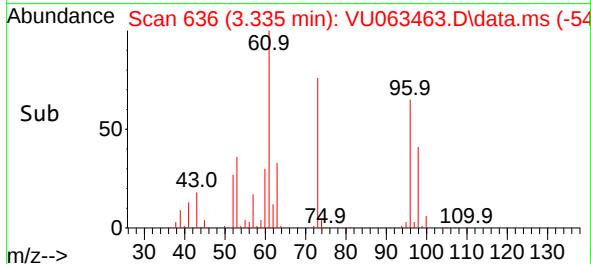
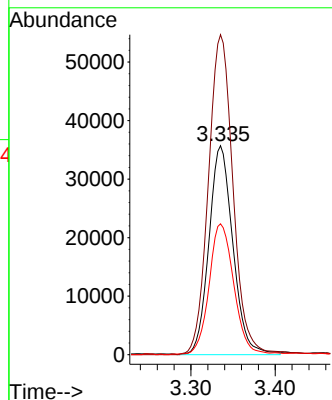
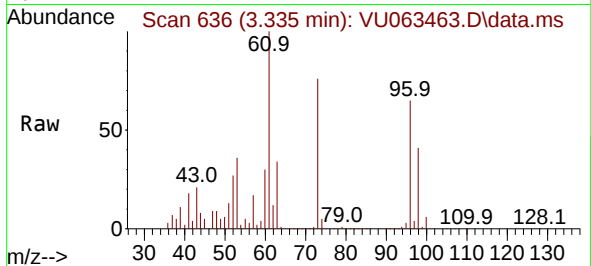




#21
trans-1,2-Dichloroethene
Concen: 52.241 ug/l
RT: 3.335 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU063463.D
Acq: 08 Jul 2025 13:48

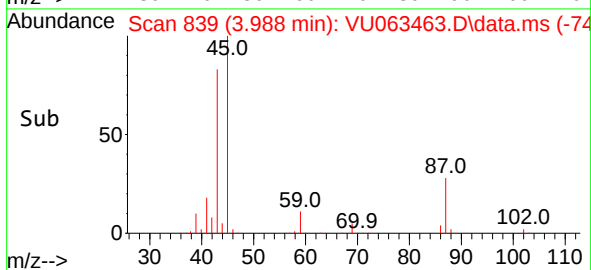
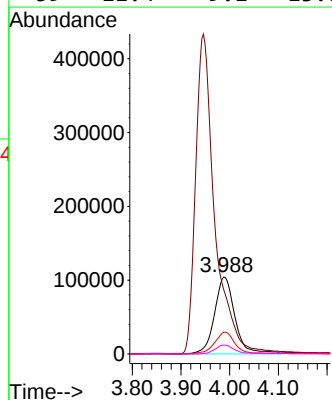
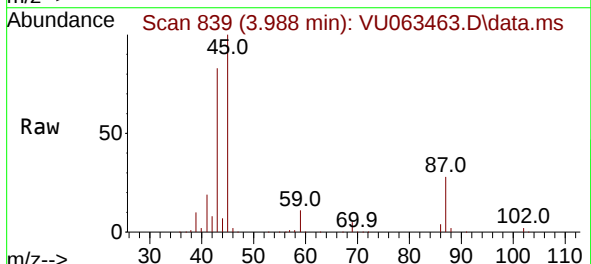
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

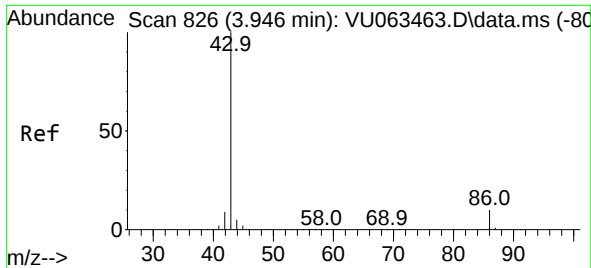
Tgt Ion: 96 Resp: 70701
Ion Ratio Lower Upper
96 100
61 152.8 122.2 183.4
98 62.4 49.9 74.9



#22
Diisopropyl ether
Concen: 51.642 ug/l
RT: 3.988 min Scan# 839
Delta R.T. 0.000 min
Lab File: VU063463.D
Acq: 08 Jul 2025 13:48

Tgt Ion: 45 Resp: 303468
Ion Ratio Lower Upper
45 100
43 83.1 66.5 99.7
87 28.2 22.6 33.8
59 11.4 9.1 13.7

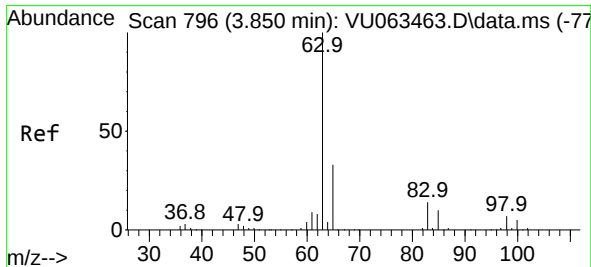
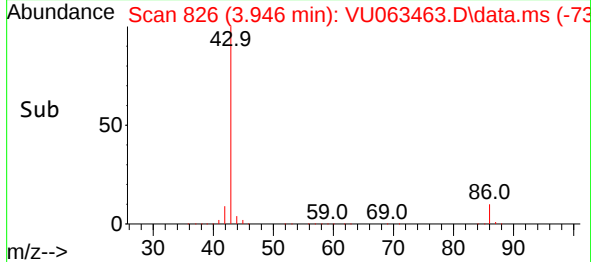
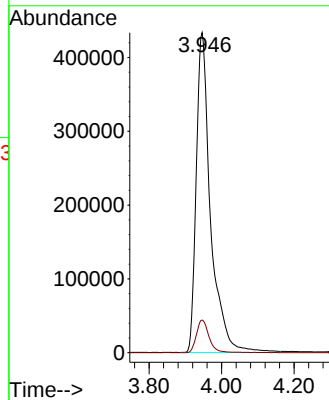
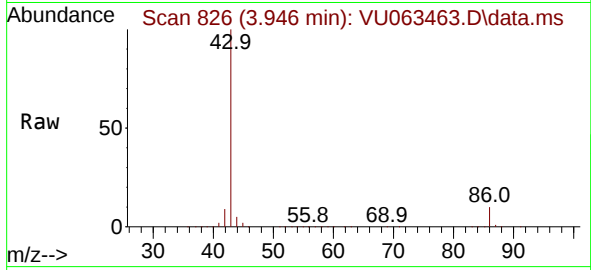




#23
 Vinyl Acetate
 Concen: 260.564 ug/l
 RT: 3.946 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU063463.D
 Acq: 08 Jul 2025 13:48

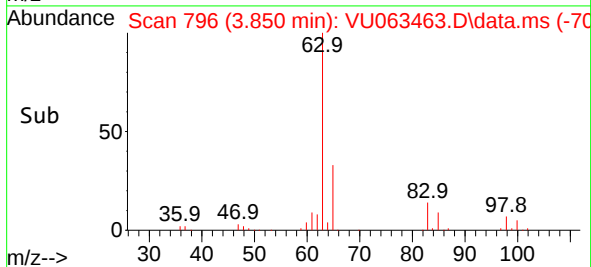
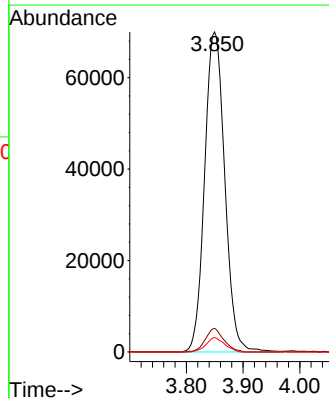
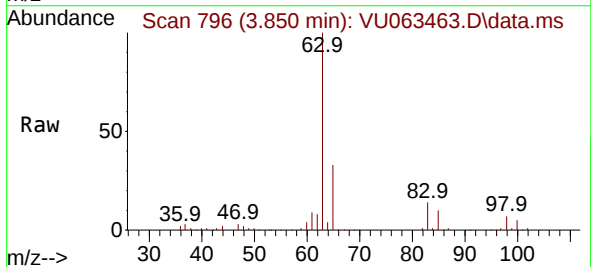
Instrument :
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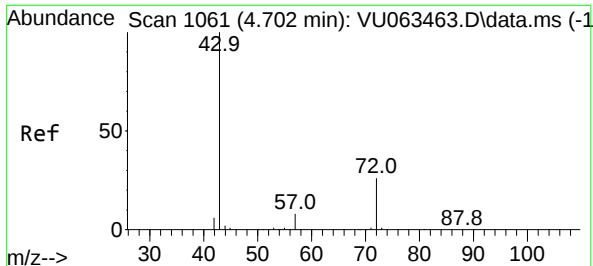
Tgt Ion: 43 Resp: 1188105
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 51.885 ug/l
 RT: 3.850 min Scan# 796
 Delta R.T. 0.000 min
 Lab File: VU063463.D
 Acq: 08 Jul 2025 13:48

Tgt Ion: 63 Resp: 173041
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.9
 100 4.5 2.3 6.8





#25

2-Butanone

Concen: 271.410 ug/l

RT: 4.702 min Scan# 1061

Delta R.T. 0.000 min

Lab File: VU063463.D

Acq: 08 Jul 2025 13:48

Instrument :

MSVOA_U

ClientSampleId :

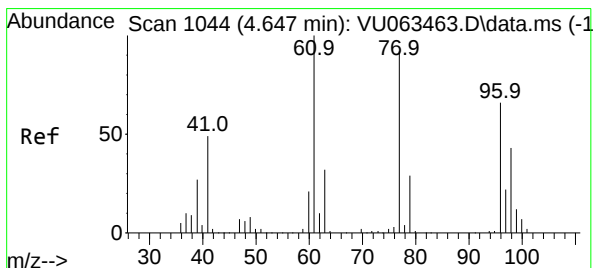
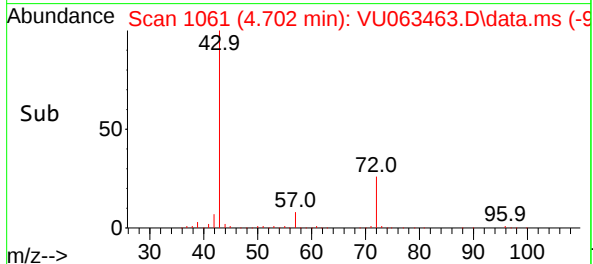
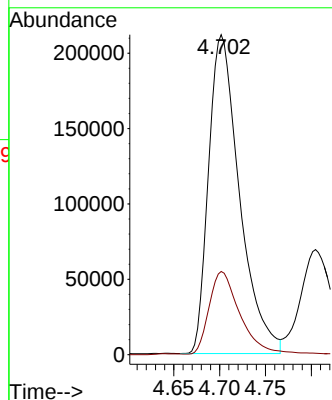
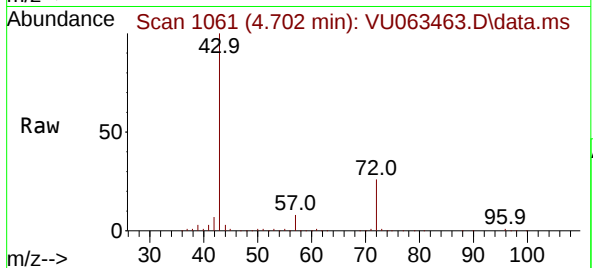
VSTDICCC050

Tgt Ion: 43 Resp: 495567

Ion Ratio Lower Upper

43 100

72 25.9 20.7 31.1



#26

2,2-Dichloropropane

Concen: 49.919 ug/l

RT: 4.647 min Scan# 1044

Delta R.T. 0.000 min

Lab File: VU063463.D

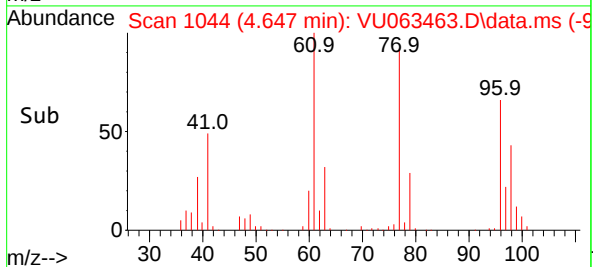
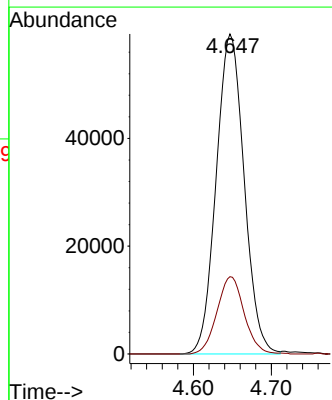
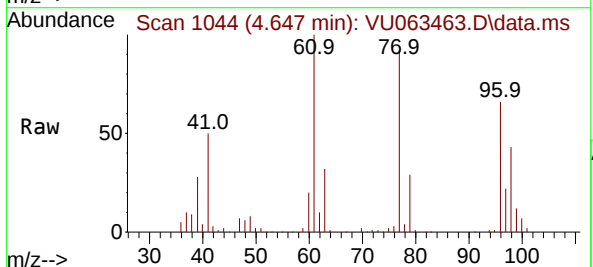
Acq: 08 Jul 2025 13:48

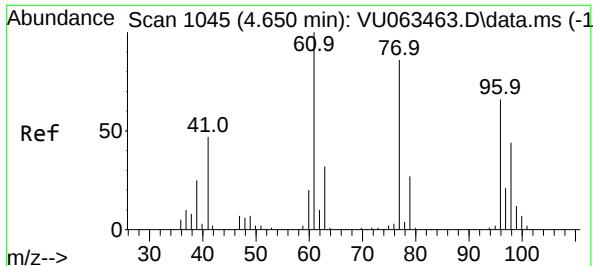
Tgt Ion: 77 Resp: 147872

Ion Ratio Lower Upper

77 100

97 23.5 11.8 35.3

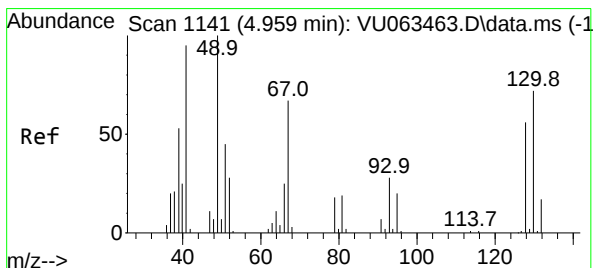
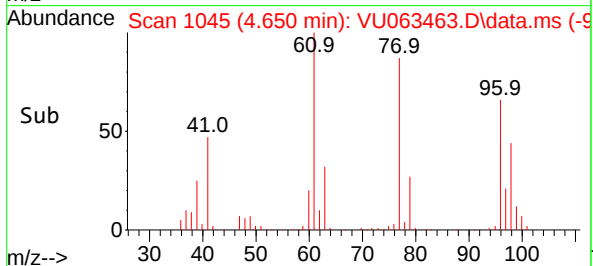
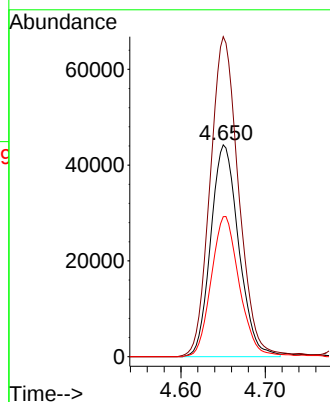
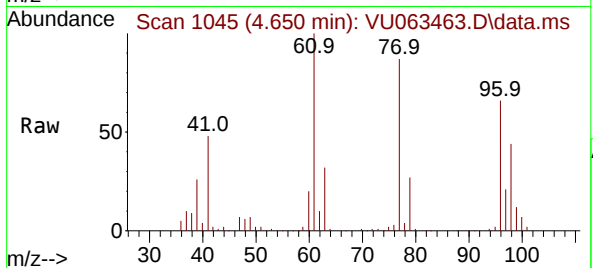




#27
 cis-1,2-Dichloroethene
 Concen: 49.699 ug/l
 RT: 4.650 min Scan# 1045
 Delta R.T. 0.000 min
 Lab File: VU063463.D
 Acq: 08 Jul 2025 13:48

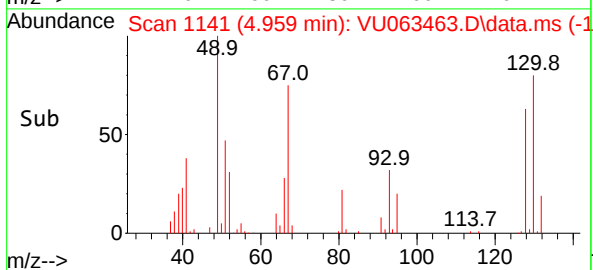
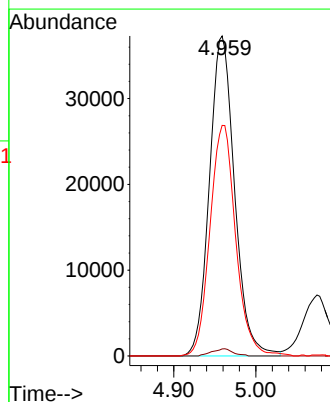
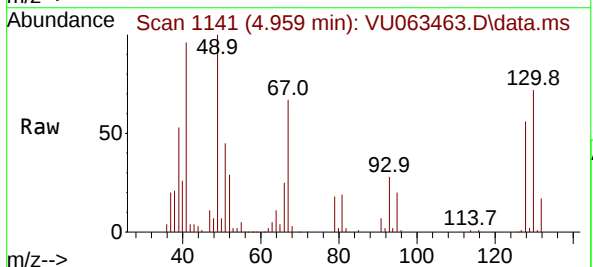
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

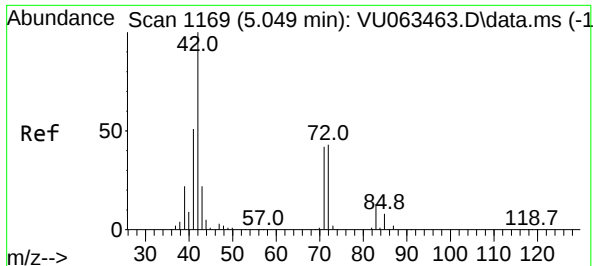
Tgt Ion: 96 Resp: 102187
 Ion Ratio Lower Upper
 96 100
 61 153.6 0.0 307.2
 98 66.5 0.0 133.0



#28
 Bromochloromethane
 Concen: 50.794 ug/l
 RT: 4.959 min Scan# 1141
 Delta R.T. 0.000 min
 Lab File: VU063463.D
 Acq: 08 Jul 2025 13:48

Tgt Ion: 49 Resp: 79575
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.8
 130 73.7 59.0 88.4





#29

Tetrahydrofuran

Concen: 254.298 ug/l

RT: 5.049 min Scan# 1169

Delta R.T. -0.000 min

Lab File: VU063463.D

Acq: 08 Jul 2025 13:48

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

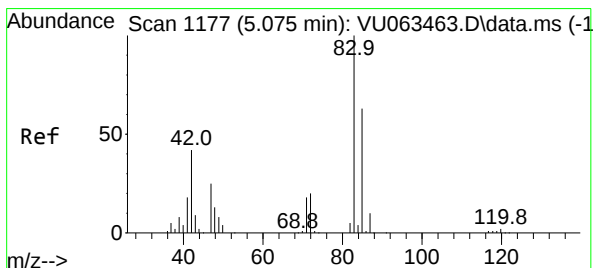
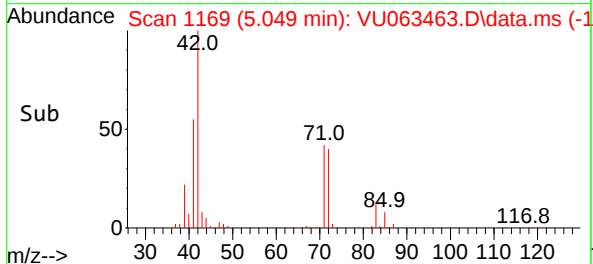
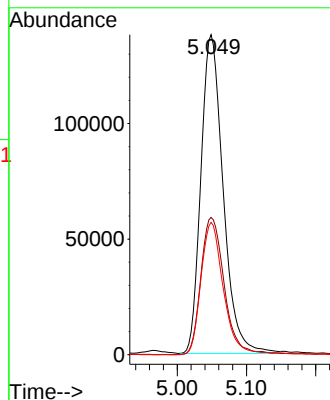
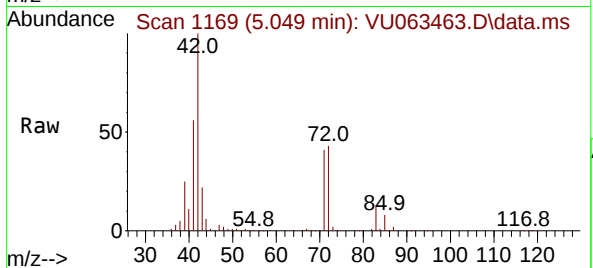
Tgt Ion: 42 Resp: 307669

Ion Ratio Lower Upper

42 100

72 45.3 36.2 54.4

71 41.6 33.3 49.9



#30

Chloroform

Concen: 51.339 ug/l

RT: 5.075 min Scan# 1177

Delta R.T. 0.000 min

Lab File: VU063463.D

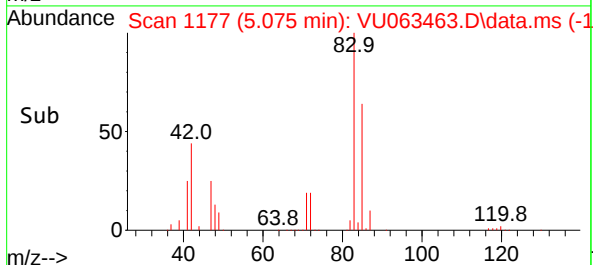
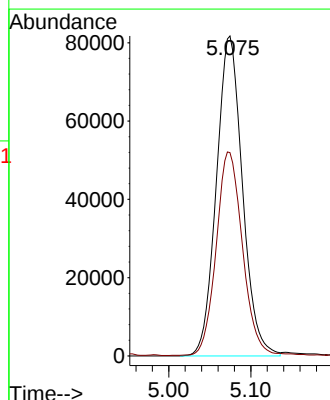
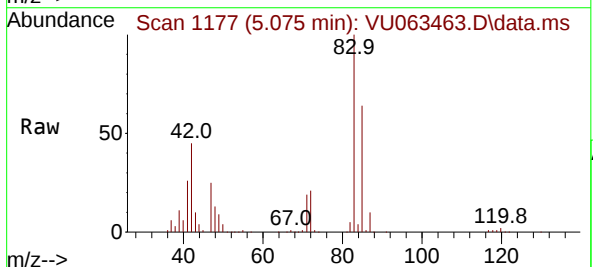
Acq: 08 Jul 2025 13:48

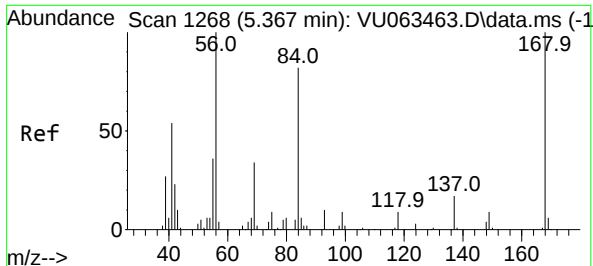
Tgt Ion: 83 Resp: 180769

Ion Ratio Lower Upper

83 100

85 63.4 50.7 76.1

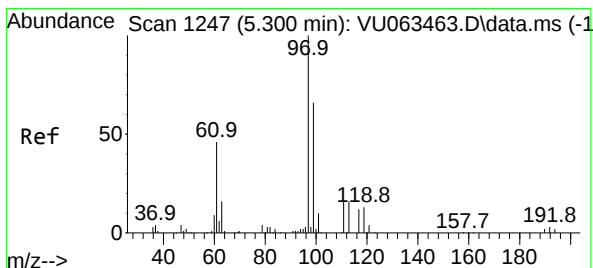
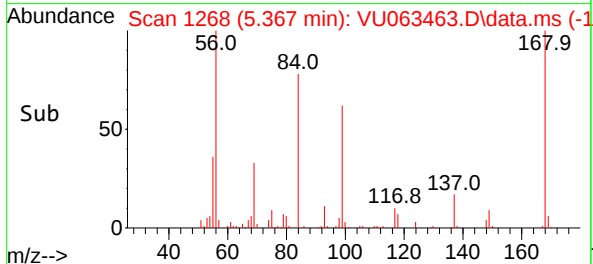
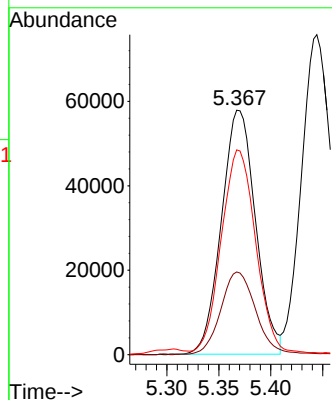
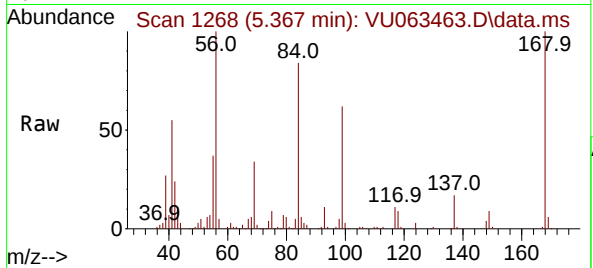




#31
Cyclohexane
Concen: 49.166 ug/l
RT: 5.367 min Scan# 1268
Delta R.T. 0.000 min
Lab File: VU063463.D
Acq: 08 Jul 2025 13:48

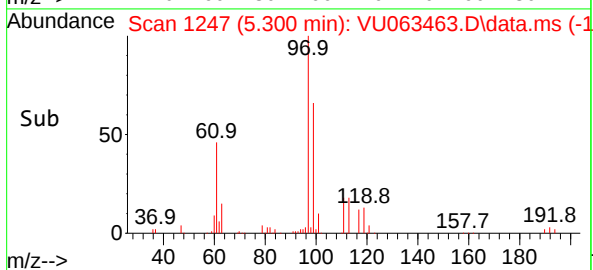
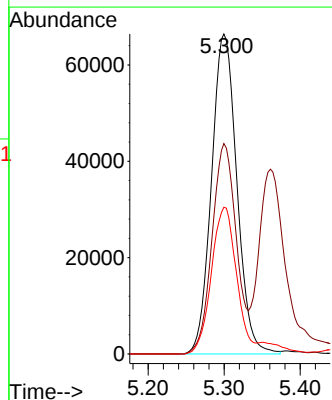
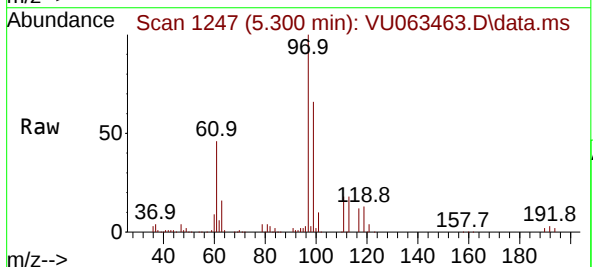
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

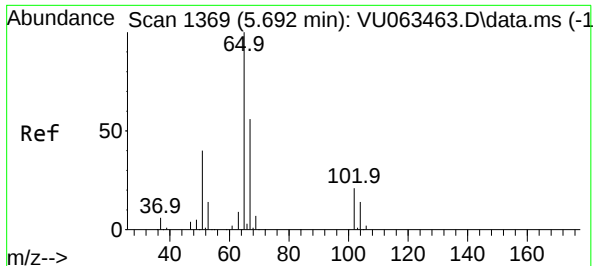
Tgt Ion: 56 Resp: 131997
Ion Ratio Lower Upper
56 100
69 33.7 27.0 40.4
84 82.1 65.7 98.5



#32
1,1,1-Trichloroethane
Concen: 51.365 ug/l
RT: 5.300 min Scan# 1247
Delta R.T. 0.000 min
Lab File: VU063463.D
Acq: 08 Jul 2025 13:48

Tgt Ion: 97 Resp: 153996
Ion Ratio Lower Upper
97 100
99 63.0 50.4 75.6
61 45.4 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 51.169 ug/l

RT: 5.692 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VU063463.D

Acq: 08 Jul 2025 13:48

Instrument :

MSVOA_U

ClientSampleId :

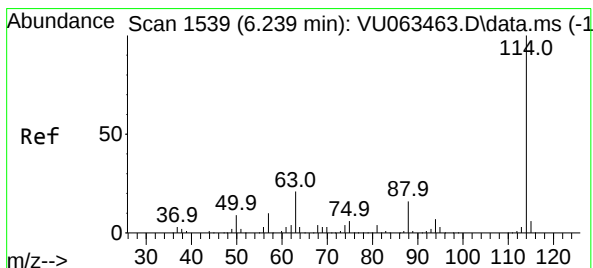
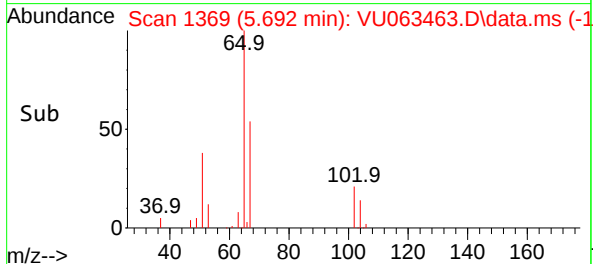
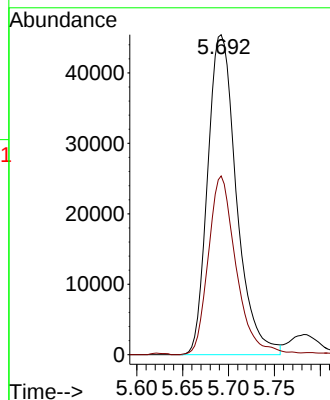
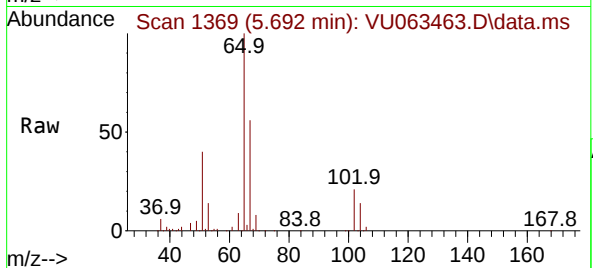
VSTDICCC050

Tgt Ion: 65 Resp: 99214

Ion Ratio Lower Upper

65 100

67 53.9 0.0 107.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.239 min Scan# 1539

Delta R.T. 0.000 min

Lab File: VU063463.D

Acq: 08 Jul 2025 13:48

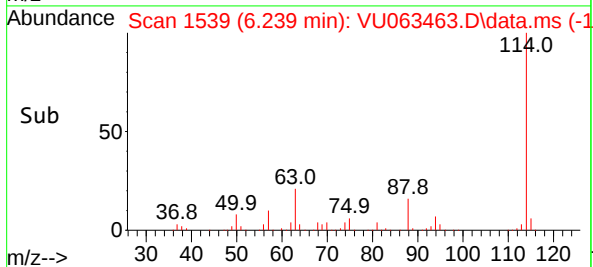
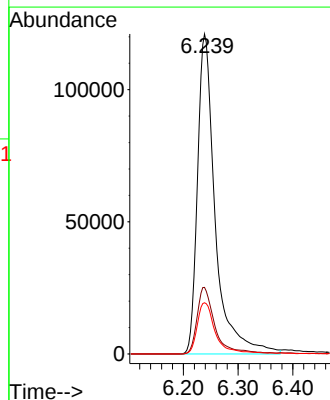
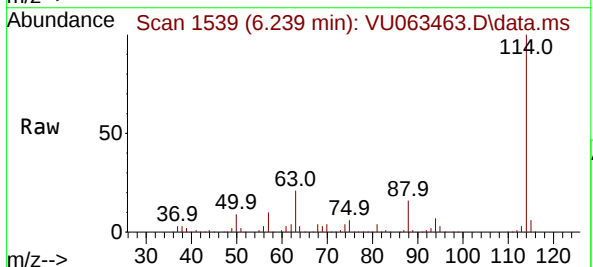
Tgt Ion: 114 Resp: 272970

Ion Ratio Lower Upper

114 100

63 20.8 0.0 41.6

88 16.0 0.0 32.0

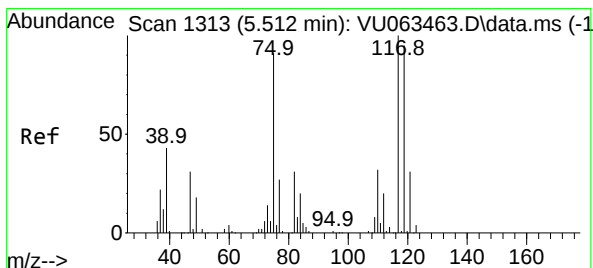
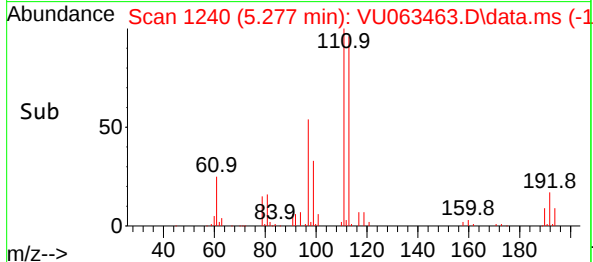
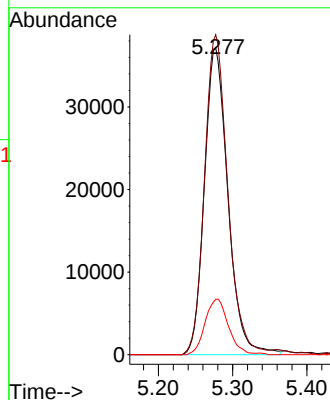
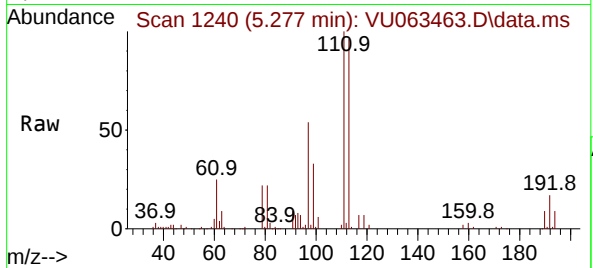




#35
Dibromofluoromethane
Concen: 49.688 ug/l
RT: 5.277 min Scan# 1113
Delta R.T. 0.000 min
Lab File: VU063463.D
Acq: 08 Jul 2025 13:48

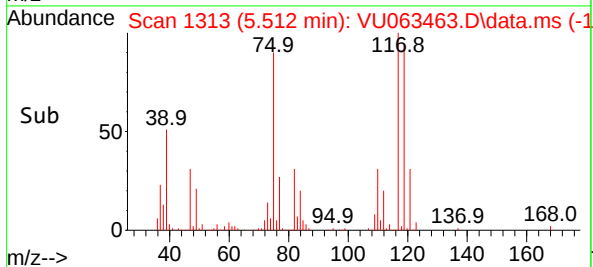
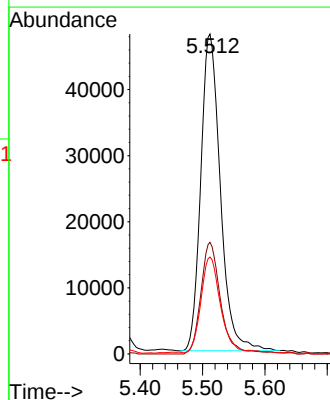
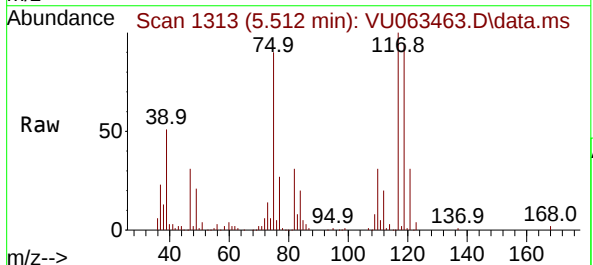
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

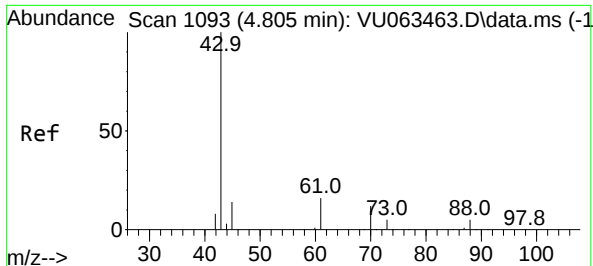
Tgt Ion:113 Resp: 81758
Ion Ratio Lower Upper
113 100
111 102.6 82.1 123.1
192 17.9 14.3 21.5



#36
1,1-Dichloropropene
Concen: 46.779 ug/l
RT: 5.512 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VU063463.D
Acq: 08 Jul 2025 13:48

Tgt Ion: 75 Resp: 104586
Ion Ratio Lower Upper
75 100
110 34.7 17.3 52.0
77 29.9 23.9 35.9





#37

Ethyl Acetate

Concen: 45.347 ug/l

RT: 4.805 min Scan# 1093

Delta R.T. 0.000 min

Lab File: VU063463.D

Acq: 08 Jul 2025 13:48

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

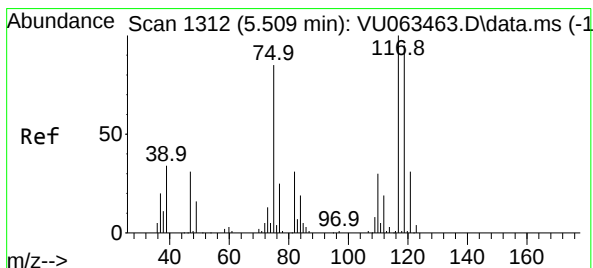
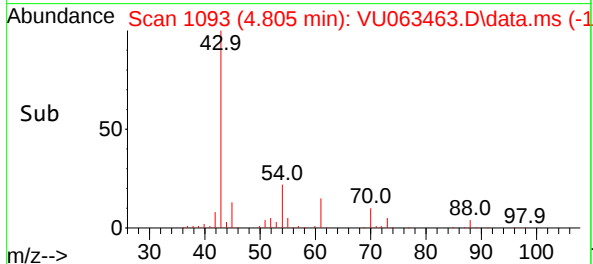
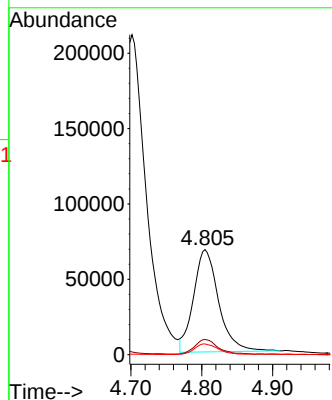
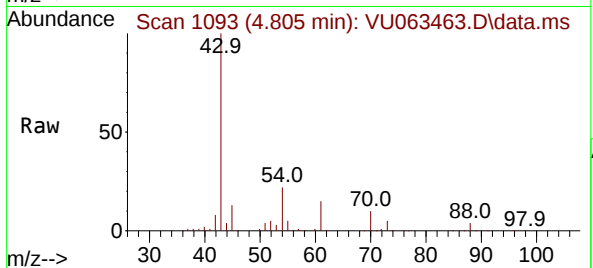
Tgt Ion: 43 Resp: 167532

Ion Ratio Lower Upper

43 100

61 13.0 10.4 15.6

70 9.8 7.8 11.8



#38

Carbon Tetrachloride

Concen: 49.205 ug/l

RT: 5.509 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VU063463.D

Acq: 08 Jul 2025 13:48

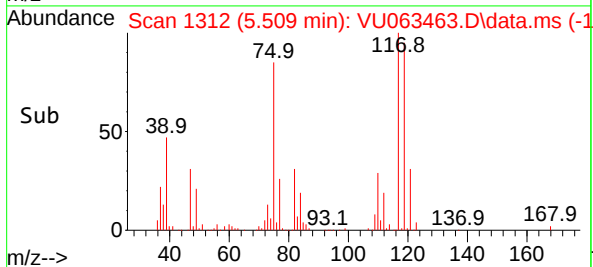
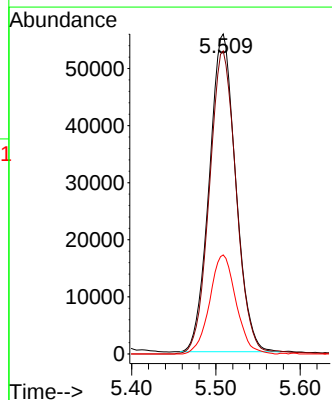
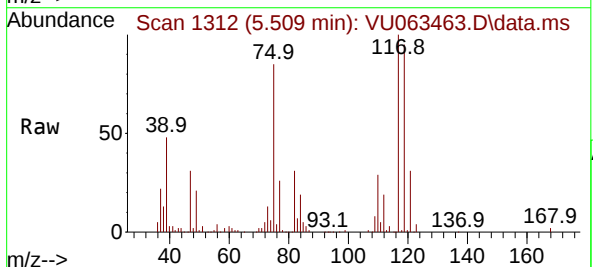
Tgt Ion: 117 Resp: 121212

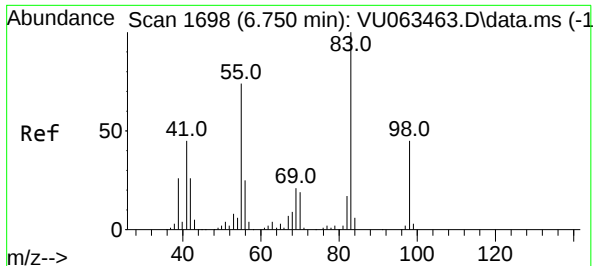
Ion Ratio Lower Upper

117 100

119 95.1 76.1 114.1

121 31.2 25.0 37.4





#39

Methylcyclohexane

Concen: 48.918 ug/l

RT: 6.750 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU063463.D

Acq: 08 Jul 2025 13:48

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

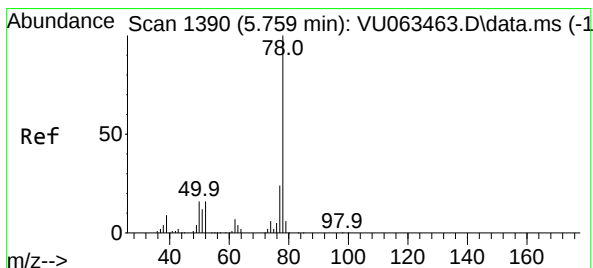
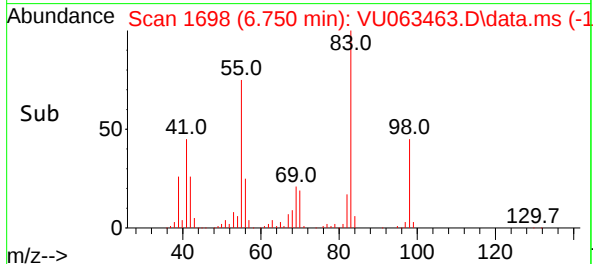
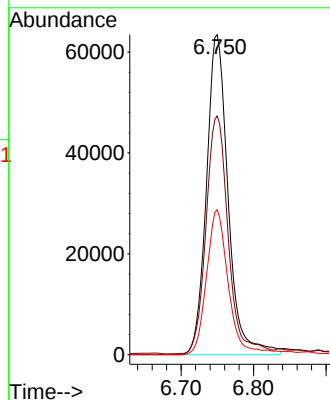
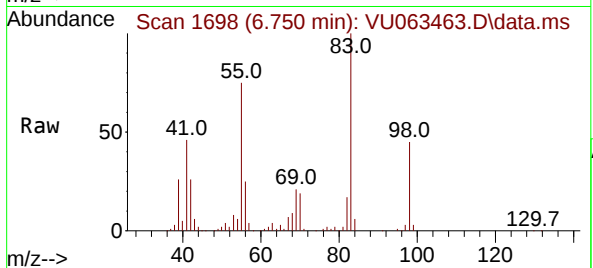
Tgt Ion: 83 Resp: 132149

Ion Ratio Lower Upper

83 100

55 74.3 59.4 89.2

98 45.3 36.2 54.4



#40

Benzene

Concen: 51.795 ug/l

RT: 5.759 min Scan# 1390

Delta R.T. 0.000 min

Lab File: VU063463.D

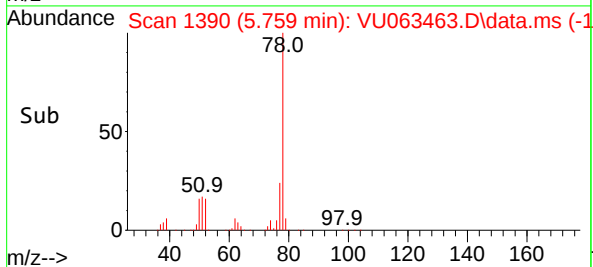
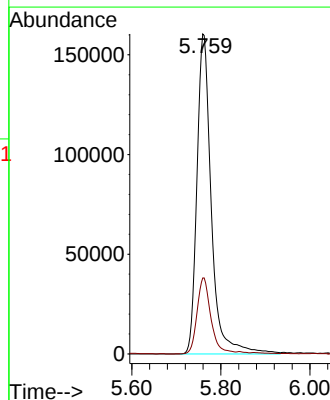
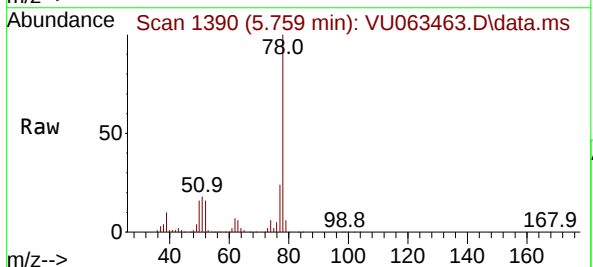
Acq: 08 Jul 2025 13:48

Tgt Ion: 78 Resp: 361653

Ion Ratio Lower Upper

78 100

77 23.7 19.0 28.4



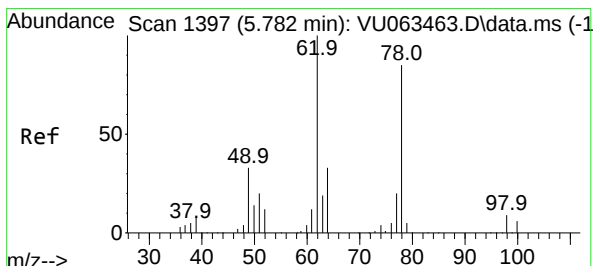
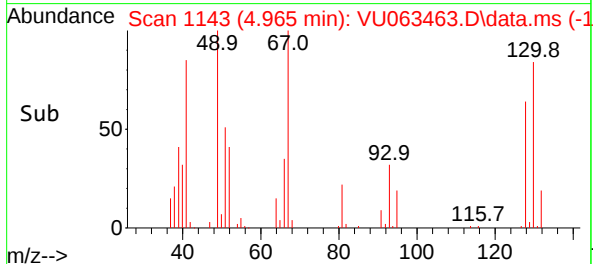
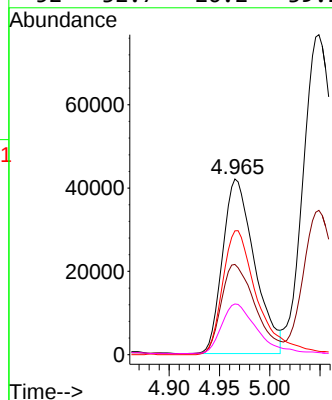
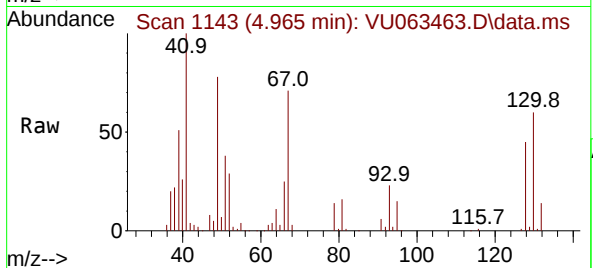


#41
Methacrylonitrile
Concen: 55.903 ug/l
RT: 4.965 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VU063463.D
Acq: 08 Jul 2025 13:48

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 92653

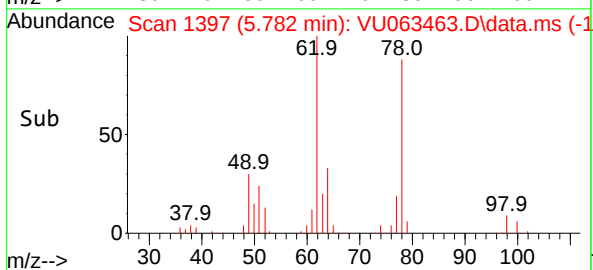
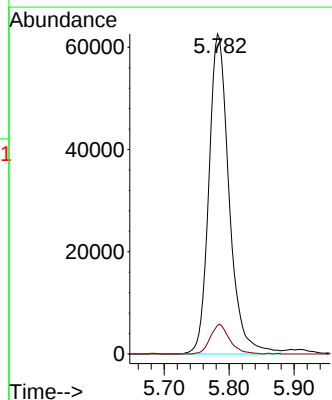
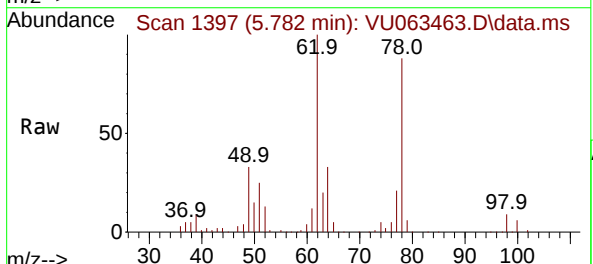
Ion	Ratio	Lower	Upper
41	100		
39	54.5	43.6	65.4
67	78.5	62.8	94.2
52	32.7	26.2	39.2

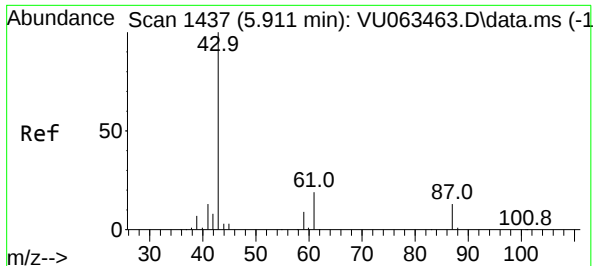


#42
1,2-Dichloroethane
Concen: 51.703 ug/l
RT: 5.782 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VU063463.D
Acq: 08 Jul 2025 13:48

Tgt Ion: 62 Resp: 135745

Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.6

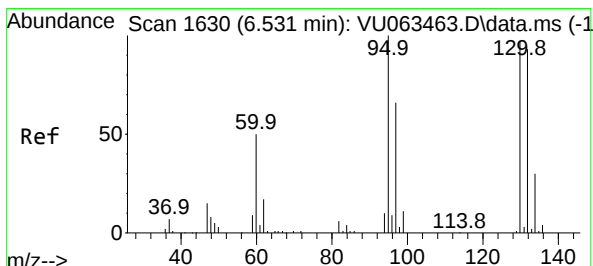
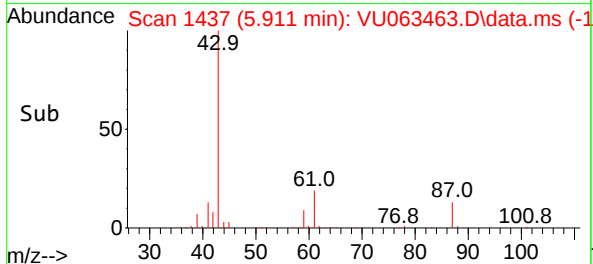
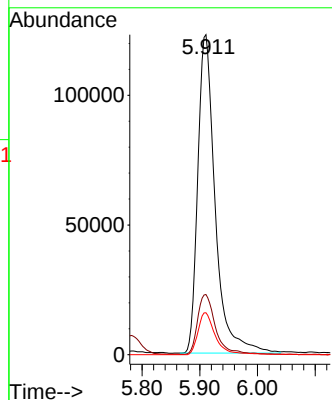
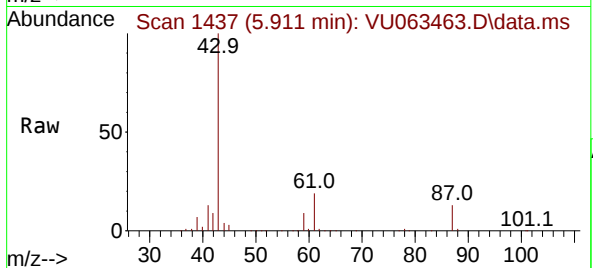




#43
Isopropyl Acetate
Concen: 53.524 ug/l
RT: 5.911 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VU063463.D
Acq: 08 Jul 2025 13:48

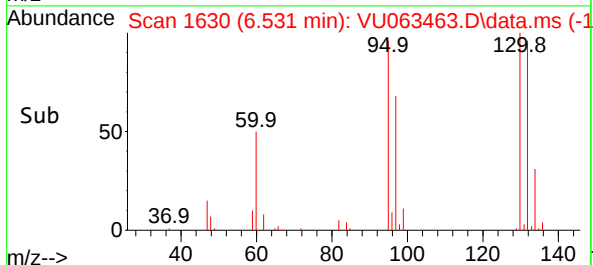
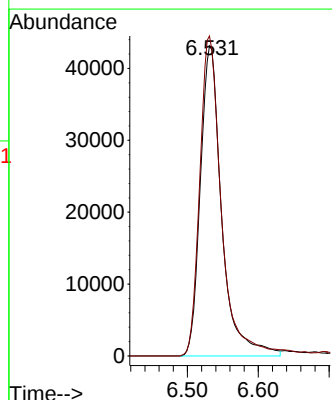
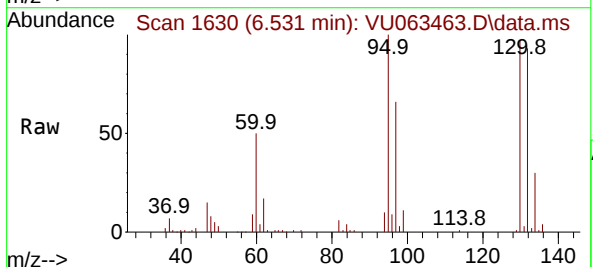
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

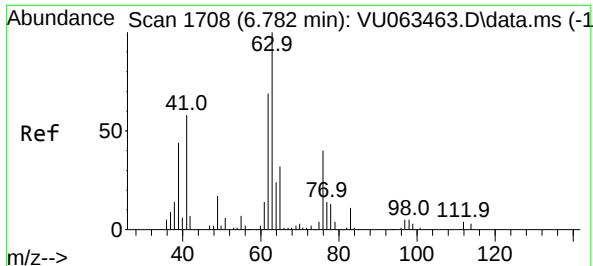
Tgt Ion: 43 Resp: 257420
Ion Ratio Lower Upper
43 100
61 19.3 15.4 23.2
87 13.1 10.5 15.7



#44
Trichloroethene
Concen: 48.268 ug/l
RT: 6.531 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VU063463.D
Acq: 08 Jul 2025 13:48

Tgt Ion: 130 Resp: 90191
Ion Ratio Lower Upper
130 100
95 103.2 0.0 206.4





#45

1,2-Dichloropropane

Concen: 52.098 ug/l

RT: 6.782 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU063463.D

Acq: 08 Jul 2025 13:48

Instrument :

MSVOA_U

ClientSampleId :

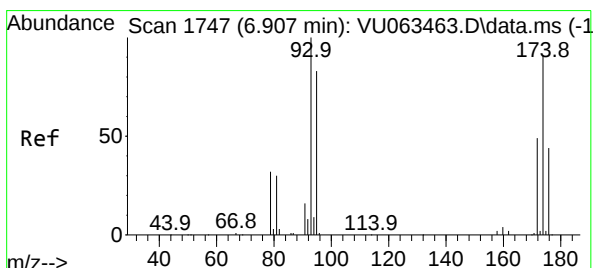
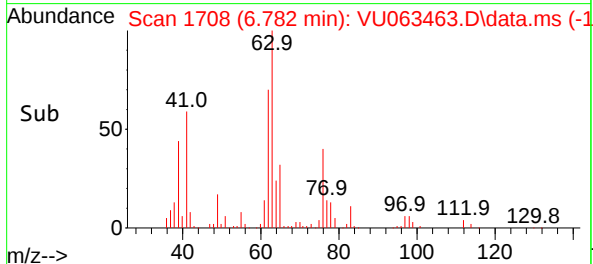
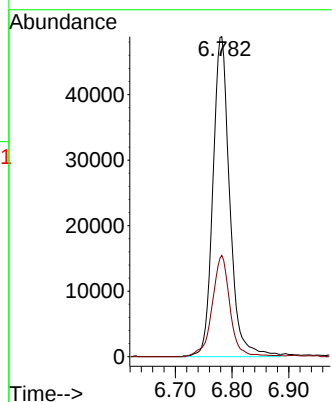
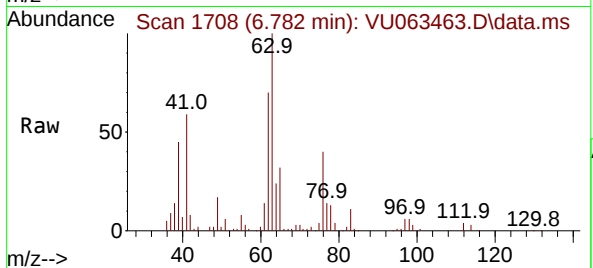
VSTDICCC050

Tgt Ion: 63 Resp: 101124

Ion Ratio Lower Upper

63 100

65 31.6 25.3 37.9



#46

Dibromomethane

Concen: 51.858 ug/l

RT: 6.907 min Scan# 1747

Delta R.T. 0.000 min

Lab File: VU063463.D

Acq: 08 Jul 2025 13:48

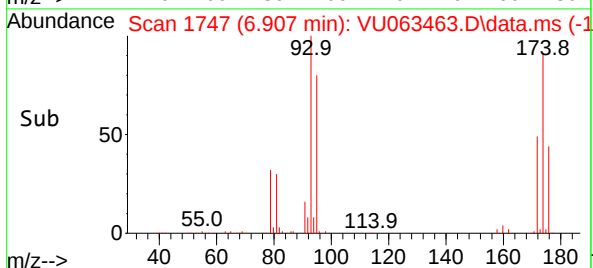
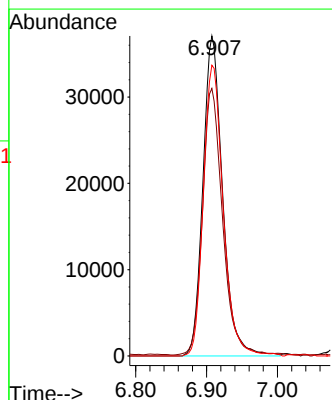
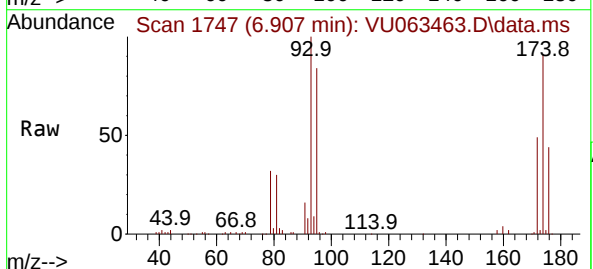
Tgt Ion: 93 Resp: 71619

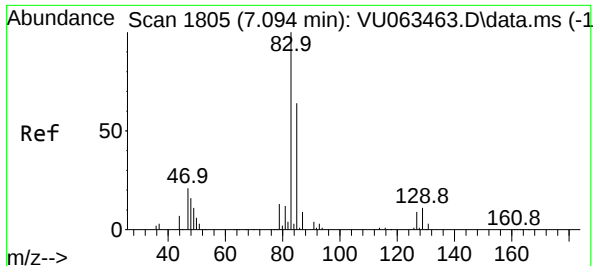
Ion Ratio Lower Upper

93 100

95 84.4 67.5 101.3

174 91.4 73.1 109.7





#47

Bromodichloromethane

Concen: 51.053 ug/l

RT: 7.094 min Scan# 1805

Delta R.T. 0.000 min

Lab File: VU063463.D

Acq: 08 Jul 2025 13:48

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

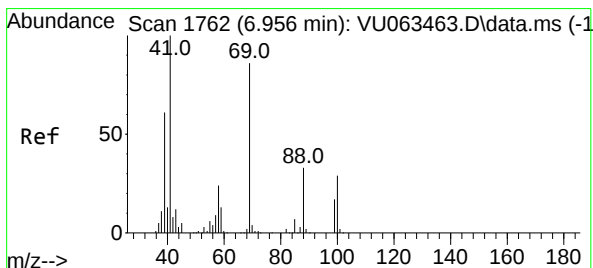
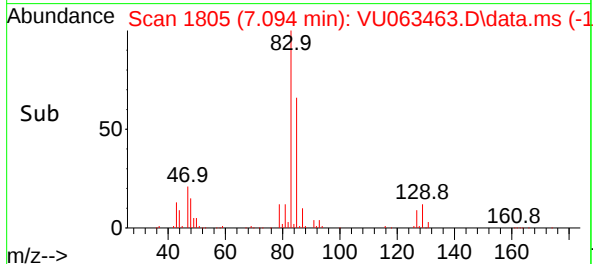
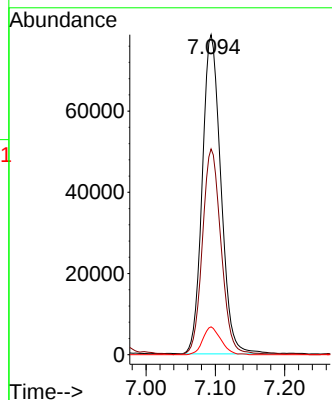
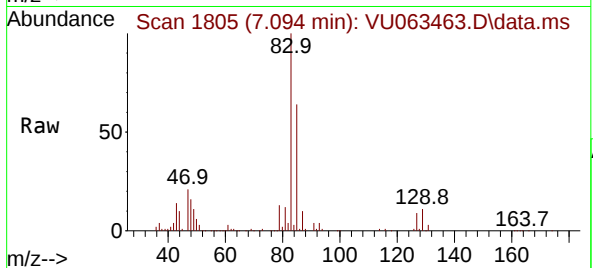
Tgt Ion: 83 Resp: 146609

Ion Ratio Lower Upper

83 100

85 64.2 51.4 77.0

127 8.7 7.0 10.4



#48

Methyl methacrylate

Concen: 55.373 ug/l

RT: 6.956 min Scan# 1762

Delta R.T. 0.000 min

Lab File: VU063463.D

Acq: 08 Jul 2025 13:48

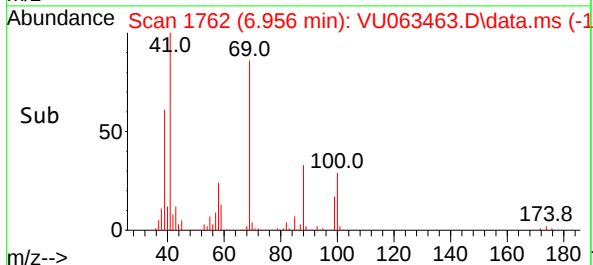
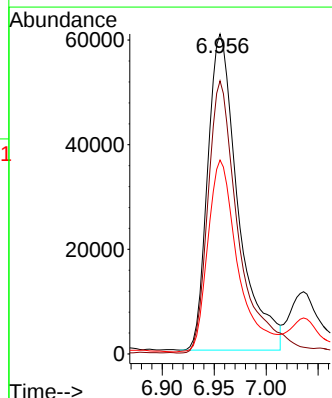
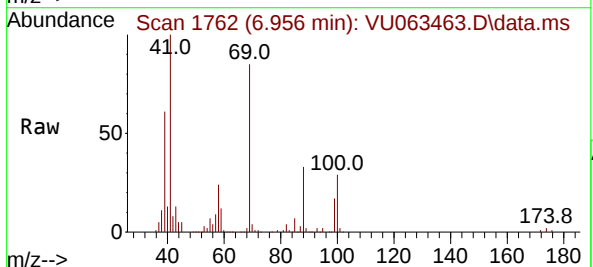
Tgt Ion: 41 Resp: 123088

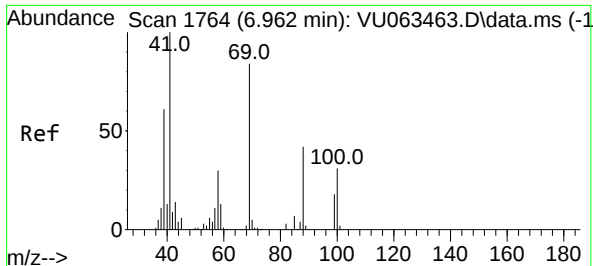
Ion Ratio Lower Upper

41 100

69 87.3 69.8 104.8

39 60.4 48.3 72.5





#49

1,4-Dioxane

Concen: 1005.330 ug/l

RT: 6.962 min Scan# 1764

Delta R.T. 0.000 min

Lab File: VU063463.D

Acq: 08 Jul 2025 13:48

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

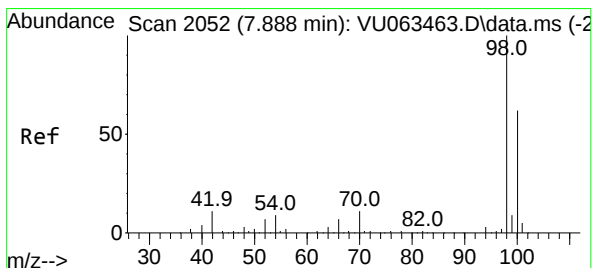
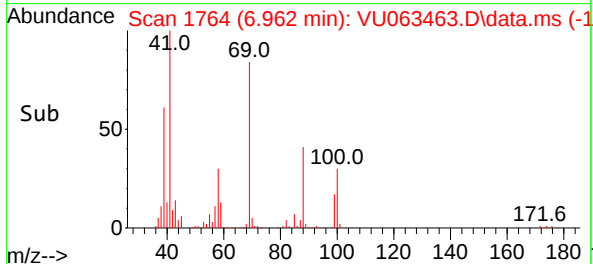
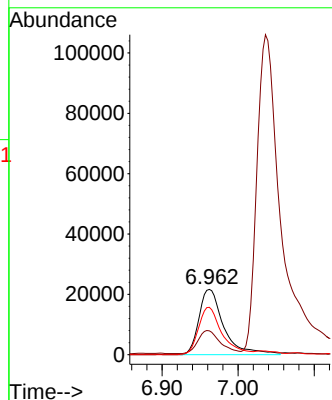
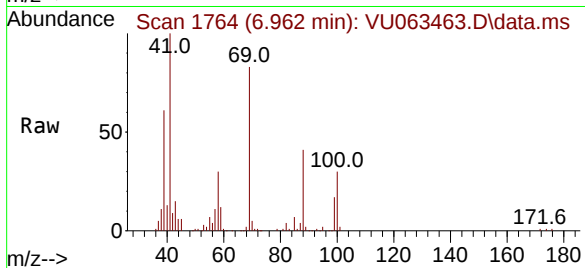
Tgt Ion: 88 Resp: 49038

Ion Ratio Lower Upper

88 100

43 32.0 25.6 38.4

58 68.8 55.0 82.6



#50

Toluene-d8

Concen: 49.900 ug/l

RT: 7.888 min Scan# 2052

Delta R.T. 0.000 min

Lab File: VU063463.D

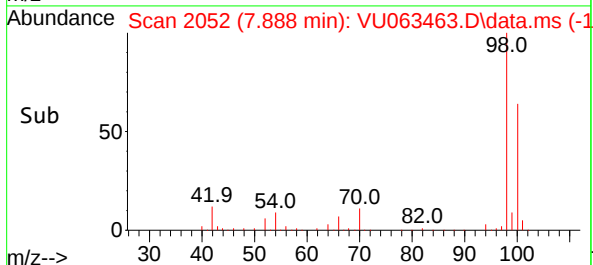
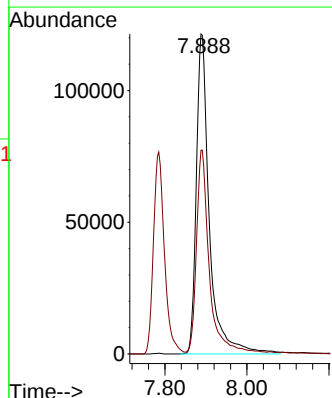
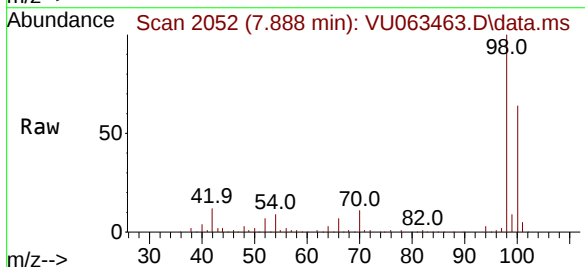
Acq: 08 Jul 2025 13:48

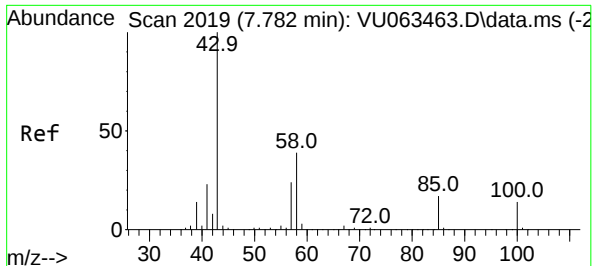
Tgt Ion: 98 Resp: 267642

Ion Ratio Lower Upper

98 100

100 60.1 48.1 72.1

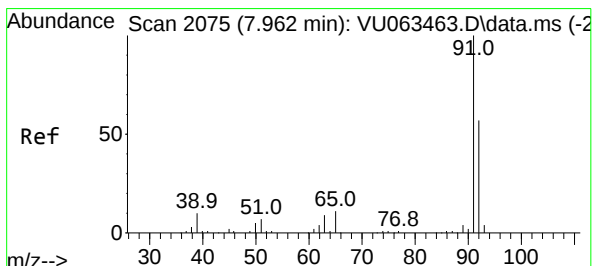
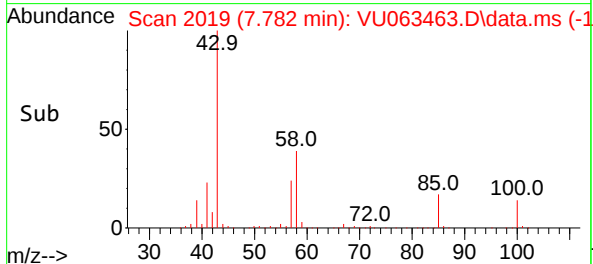
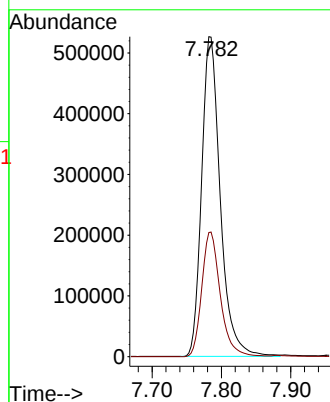
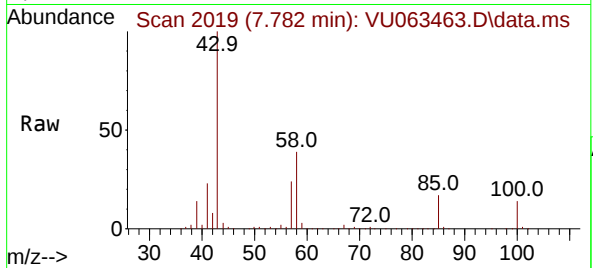




#51
4-Methyl-2-Pentanone
Concen: 282.835 ug/l
RT: 7.782 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VU063463.D
Acq: 08 Jul 2025 13:48

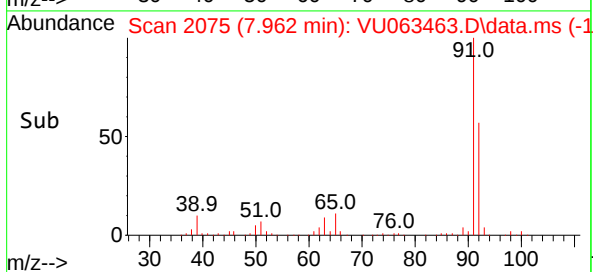
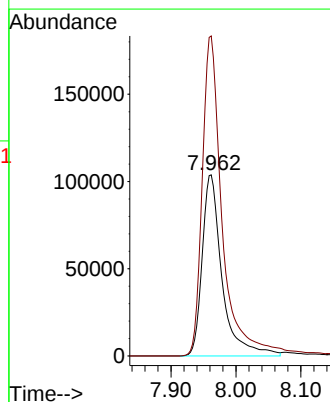
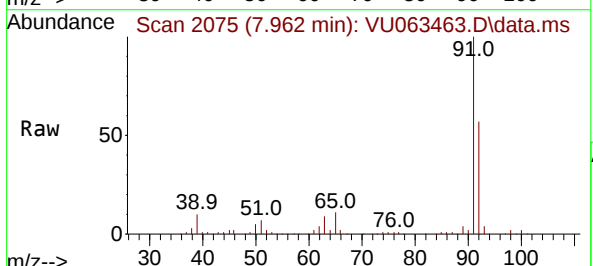
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

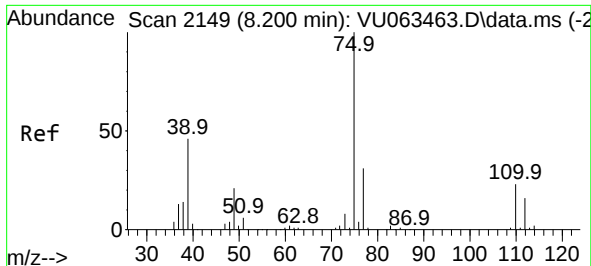
Tgt Ion: 43 Resp: 984551
Ion Ratio Lower Upper
43 100
58 38.7 31.0 46.4



#52
Toluene
Concen: 48.552 ug/l
RT: 7.962 min Scan# 2075
Delta R.T. 0.000 min
Lab File: VU063463.D
Acq: 08 Jul 2025 13:48

Tgt Ion: 92 Resp: 221739
Ion Ratio Lower Upper
92 100
91 180.6 144.5 216.7





#53

t-1,3-Dichloropropene

Concen: 53.768 ug/l

RT: 8.200 min Scan# 2149

Delta R.T. 0.000 min

Lab File: VU063463.D

Acq: 08 Jul 2025 13:48

Instrument :

MSVOA_U

ClientSampleId :

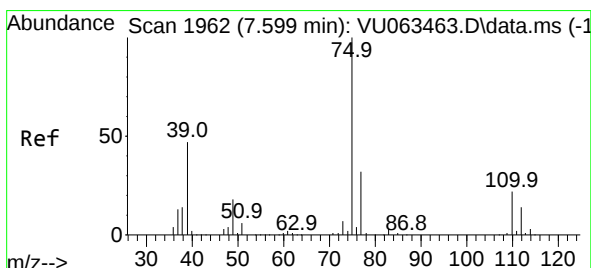
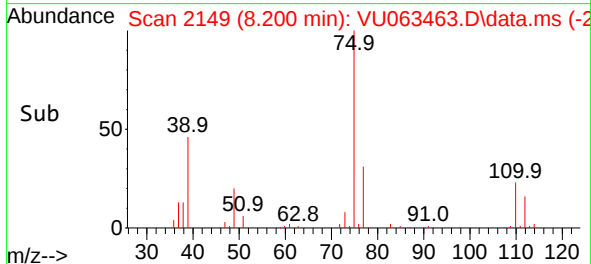
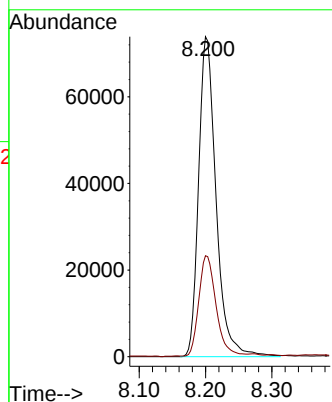
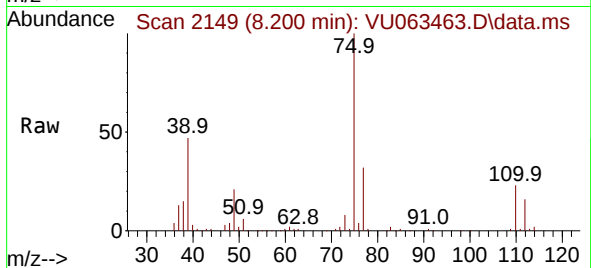
VSTDICCC050

Tgt Ion: 75 Resp: 135116

Ion Ratio Lower Upper

75 100

77 31.3 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 53.953 ug/l

RT: 7.599 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VU063463.D

Acq: 08 Jul 2025 13:48

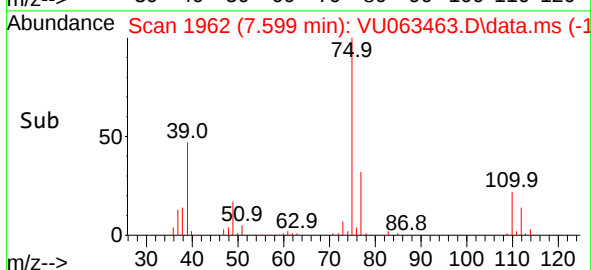
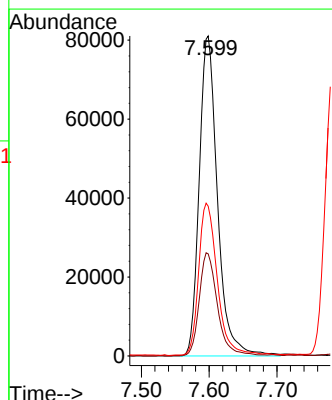
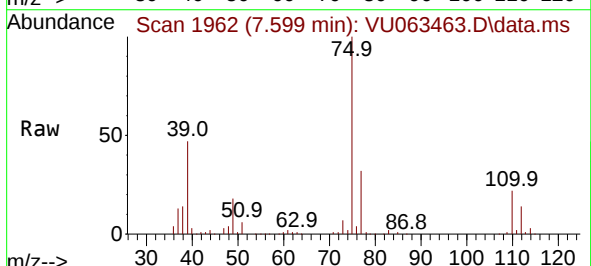
Tgt Ion: 75 Resp: 151775

Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.0

39 46.5 37.2 55.8

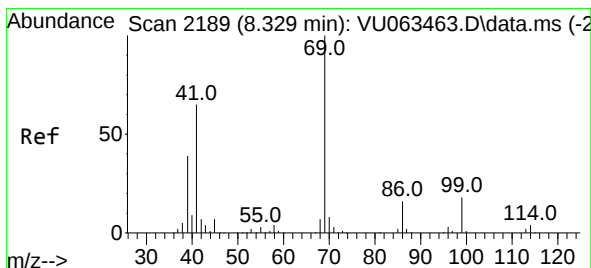
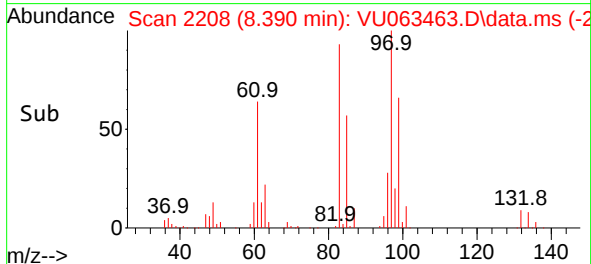
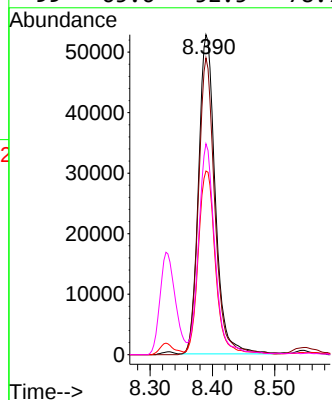
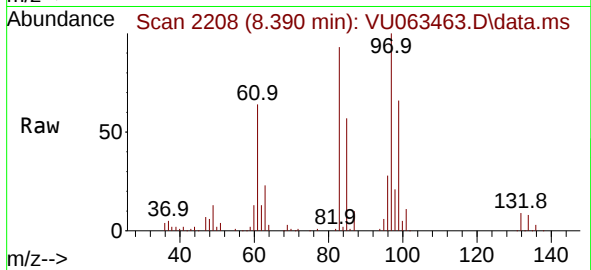




#55
 1,1,2-Trichloroethane
 Concen: 50.732 ug/l
 RT: 8.390 min Scan# 2189
 Delta R.T. 0.000 min
 Lab File: VU063463.D
 Acq: 08 Jul 2025 13:48

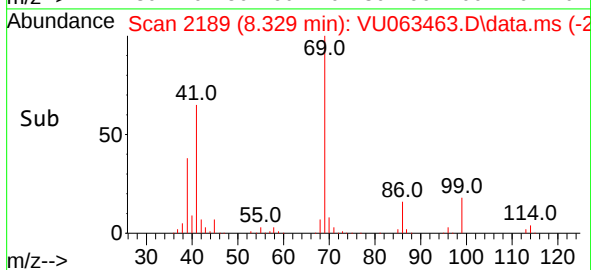
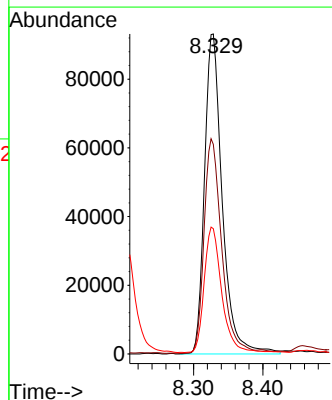
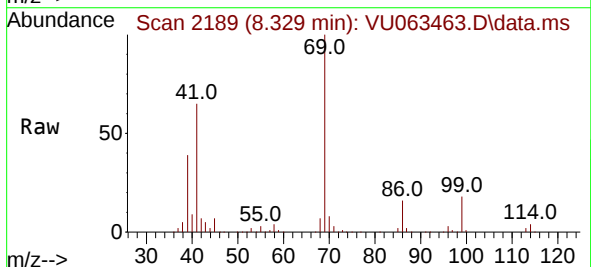
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

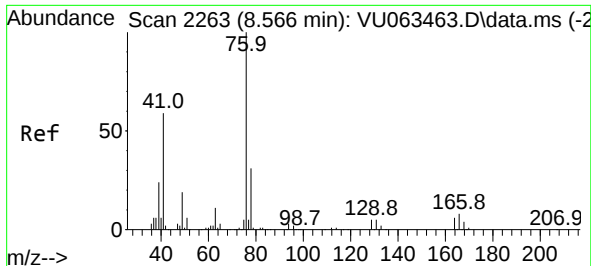
Tgt Ion:	97	Resp:	98397
Ion	Ratio	Lower	Upper
97	100		
83	92.8	74.2	111.4
85	57.3	45.8	68.8
99	65.6	52.5	78.7



#56
 Ethyl methacrylate
 Concen: 53.061 ug/l
 RT: 8.329 min Scan# 2189
 Delta R.T. 0.000 min
 Lab File: VU063463.D
 Acq: 08 Jul 2025 13:48

Tgt Ion:	69	Resp:	166011
Ion	Ratio	Lower	Upper
69	100		
41	66.3	53.0	79.6
39	38.7	31.0	46.4





#57

1,3-Dichloropropane

Concen: 51.671 ug/l

RT: 8.566 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU063463.D

Acq: 08 Jul 2025 13:48

Instrument :

MSVOA_U

ClientSampleId :

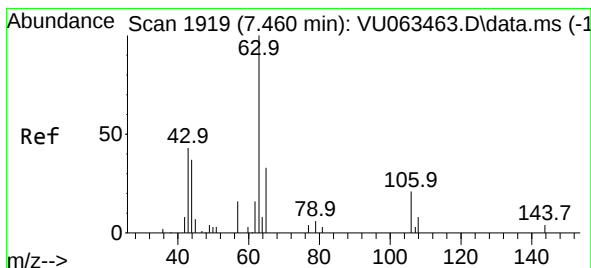
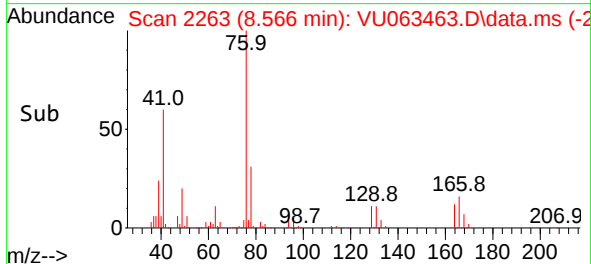
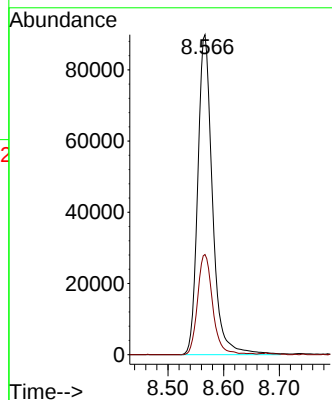
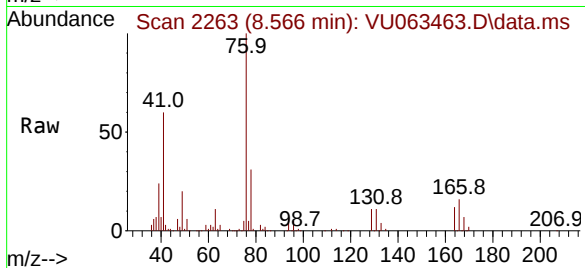
VSTDICCC050

Tgt Ion: 76 Resp: 165195

Ion Ratio Lower Upper

76 100

78 32.0 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 256.708 ug/l

RT: 7.460 min Scan# 1919

Delta R.T. 0.000 min

Lab File: VU063463.D

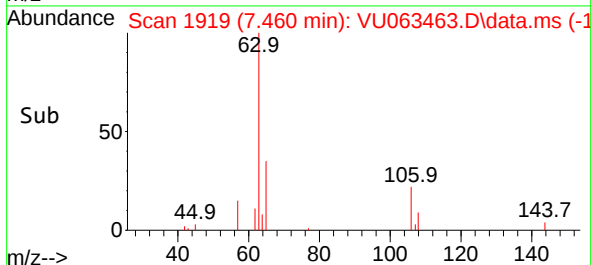
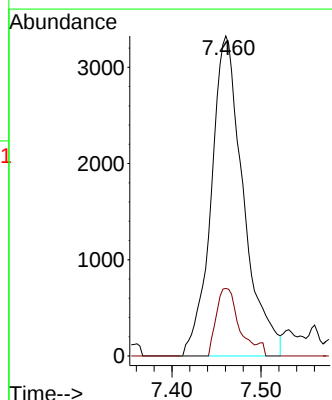
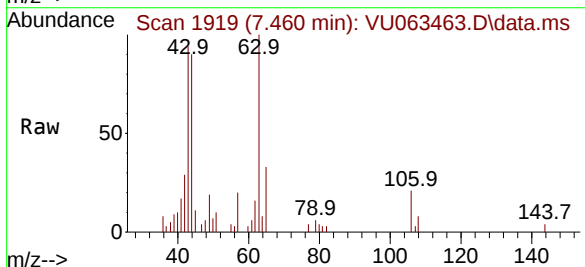
Acq: 08 Jul 2025 13:48

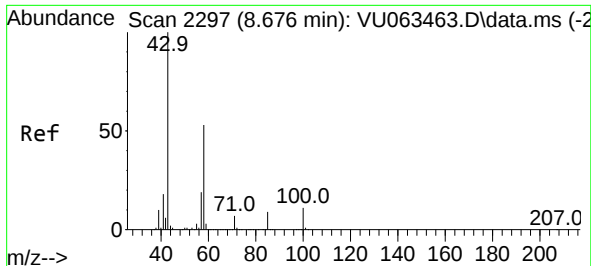
Tgt Ion: 63 Resp: 8340

Ion Ratio Lower Upper

63 100

106 14.4 11.5 17.3

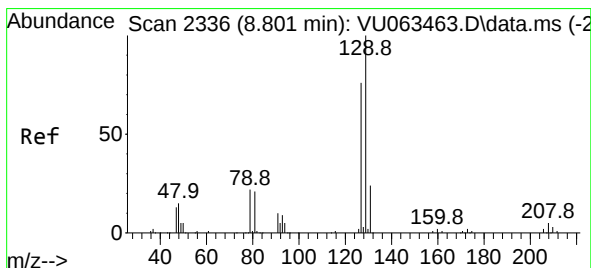
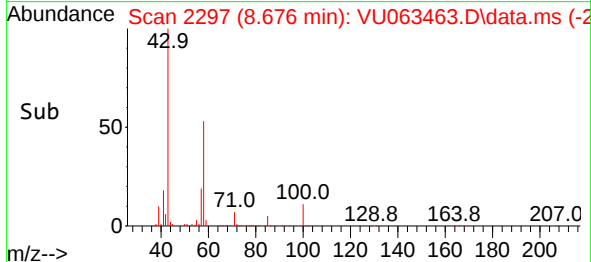
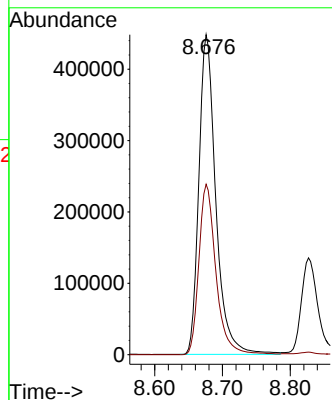
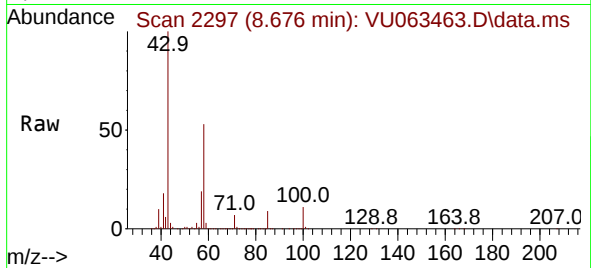




#59
2-Hexanone
Concen: 295.335 ug/l
RT: 8.676 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063463.D
Acq: 08 Jul 2025 13:48

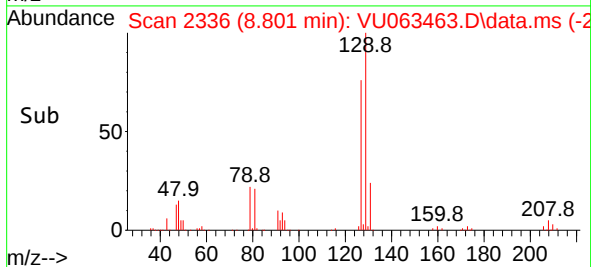
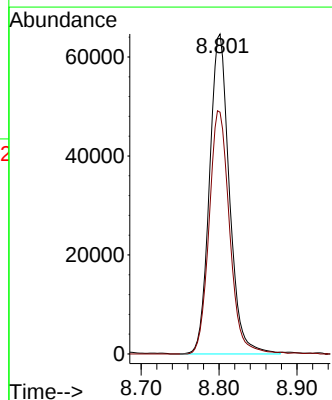
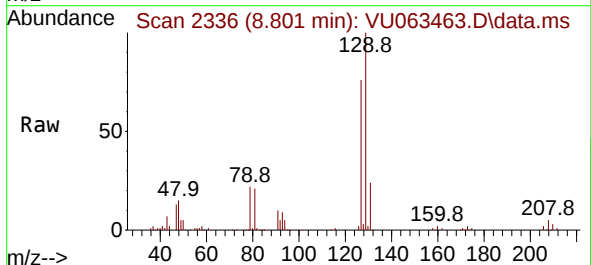
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

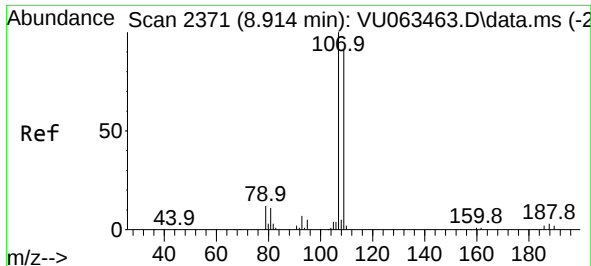
Tgt Ion: 43 Resp: 777586
Ion Ratio Lower Upper
43 100
58 53.8 26.9 80.7



#60
Dibromochloromethane
Concen: 52.864 ug/l
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU063463.D
Acq: 08 Jul 2025 13:48

Tgt Ion: 129 Resp: 114859
Ion Ratio Lower Upper
129 100
127 78.1 39.1 117.2

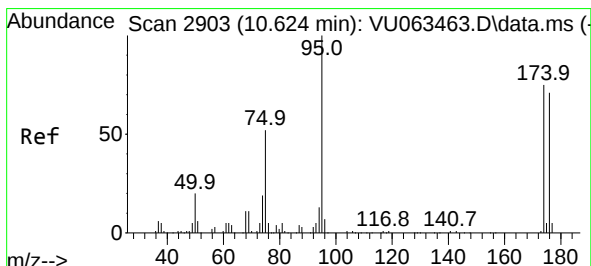
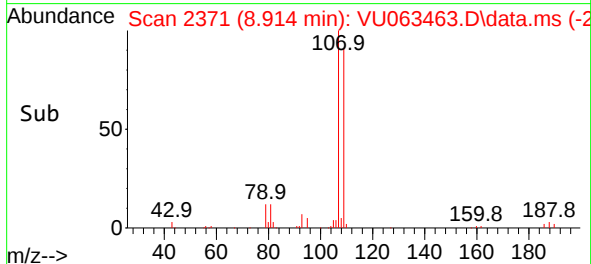
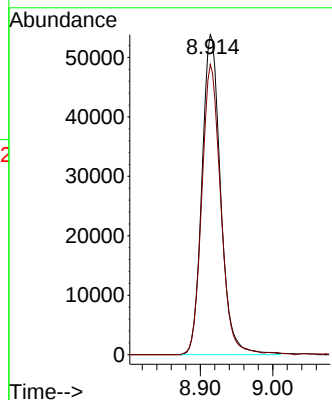
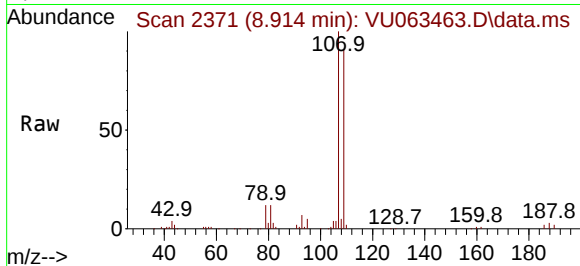




#61
 1,2-Dibromoethane
 Concen: 50.535 ug/l
 RT: 8.914 min Scan# 2371
 Delta R.T. 0.000 min
 Lab File: VU063463.D
 Acq: 08 Jul 2025 13:48

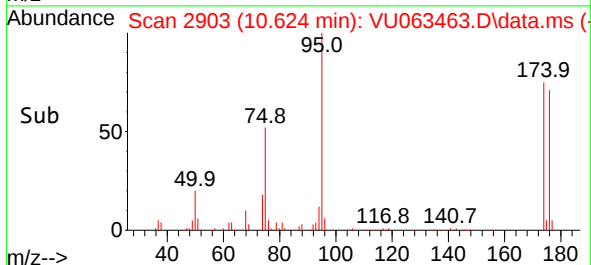
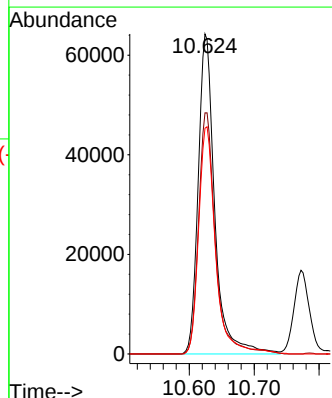
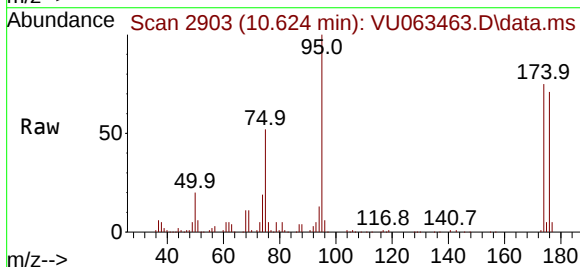
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

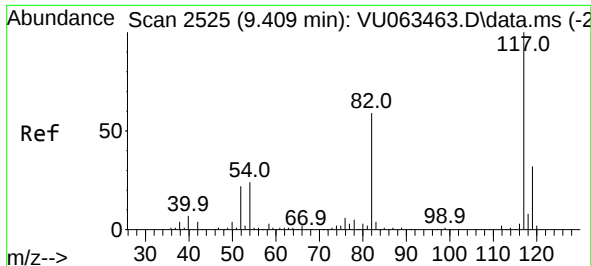
Tgt Ion:107 Resp: 96200
 Ion Ratio Lower Upper
 107 100
 109 92.1 73.7 110.5



#62
 4-Bromofluorobenzene
 Concen: 48.659 ug/l
 RT: 10.624 min Scan# 2903
 Delta R.T. 0.000 min
 Lab File: VU063463.D
 Acq: 08 Jul 2025 13:48

Tgt Ion: 95 Resp: 114157
 Ion Ratio Lower Upper
 95 100
 174 76.8 0.0 153.6
 176 72.9 0.0 145.8

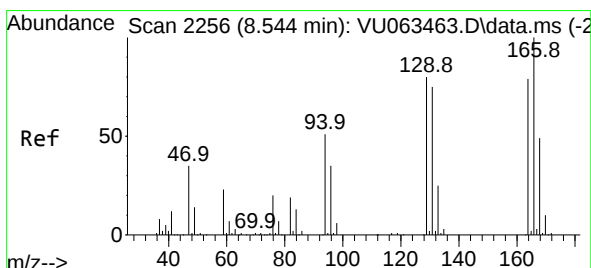
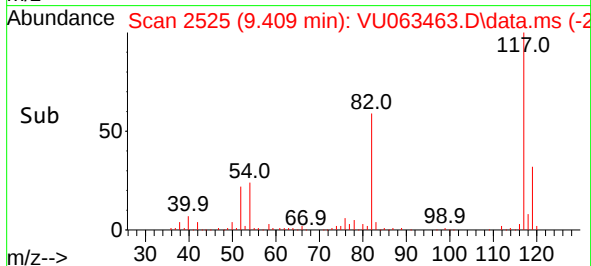
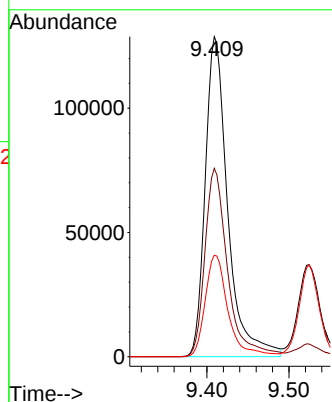
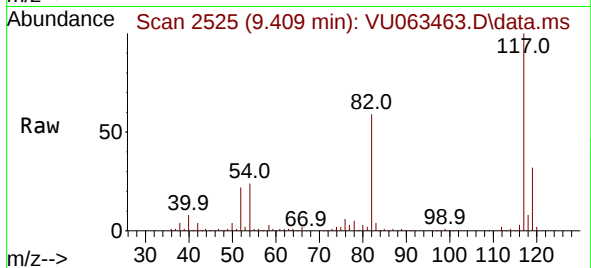




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.409 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063463.D
Acq: 08 Jul 2025 13:48

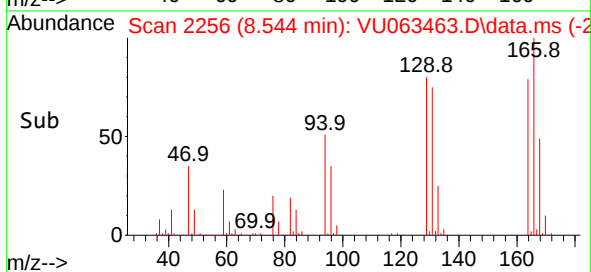
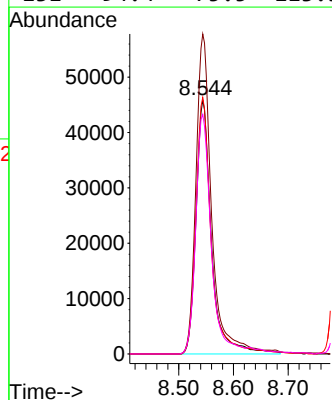
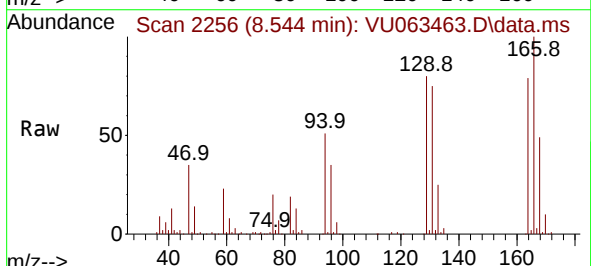
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

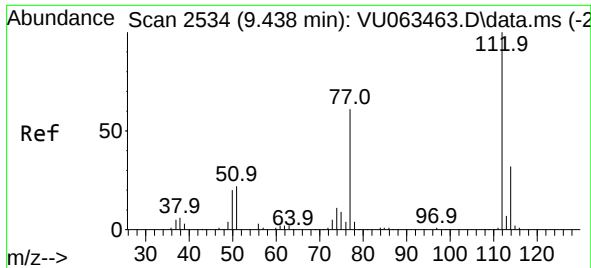
Tgt Ion:117 Resp: 245043
Ion Ratio Lower Upper
117 100
82 58.9 47.1 70.7
119 31.7 25.4 38.0



#64
Tetrachloroethene
Concen: 49.501 ug/l
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU063463.D
Acq: 08 Jul 2025 13:48

Tgt Ion:164 Resp: 90298
Ion Ratio Lower Upper
164 100
166 126.1 100.9 151.3
129 101.1 80.9 121.3
131 94.4 75.5 113.3

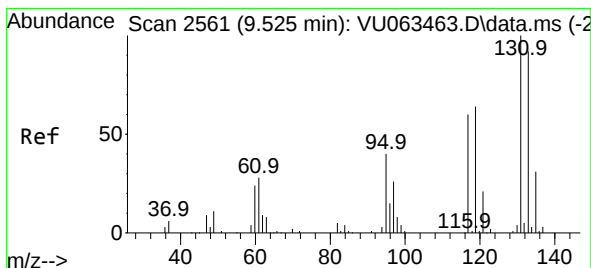
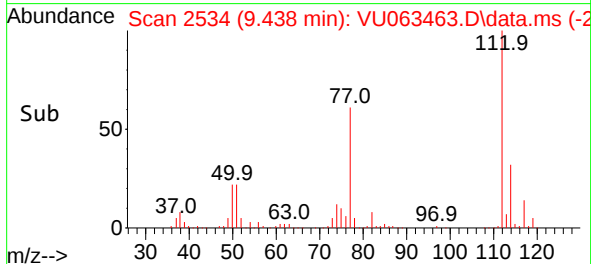
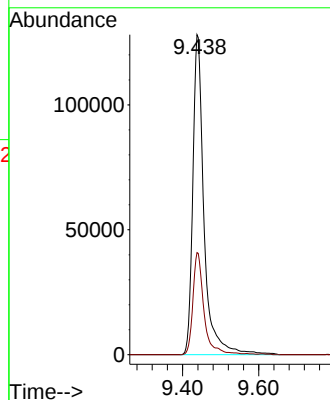
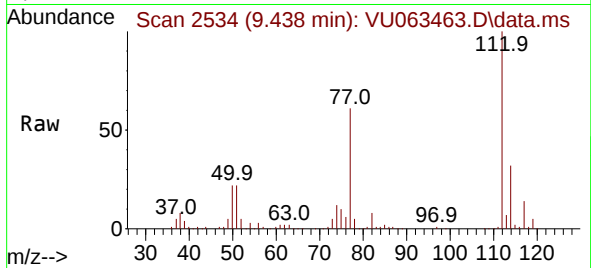




#65
Chlorobenzene
Concen: 51.528 ug/l
RT: 9.438 min Scan# 2534
Delta R.T. 0.000 min
Lab File: VU063463.D
Acq: 08 Jul 2025 13:48

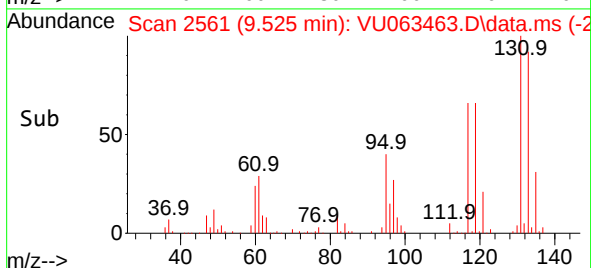
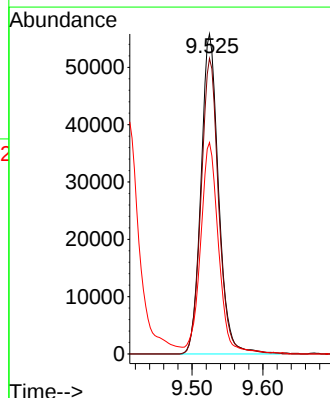
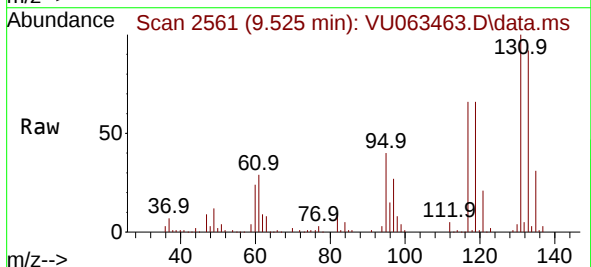
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

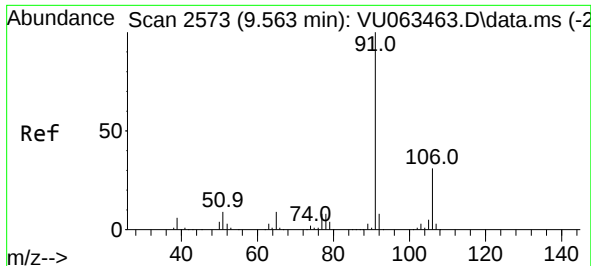
Tgt Ion:112 Resp: 262696
Ion Ratio Lower Upper
112 100
114 31.9 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 55.114 ug/l
RT: 9.525 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU063463.D
Acq: 08 Jul 2025 13:48

Tgt Ion:131 Resp: 96361
Ion Ratio Lower Upper
131 100
133 92.8 46.4 139.2
119 66.6 33.3 99.9





#67

Ethyl Benzene

Concen: 51.238 ug/l

RT: 9.563 min Scan# 2573

Delta R.T. 0.000 min

Lab File: VU063463.D

Acq: 08 Jul 2025 13:48

Instrument :

MSVOA_U

ClientSampleId :

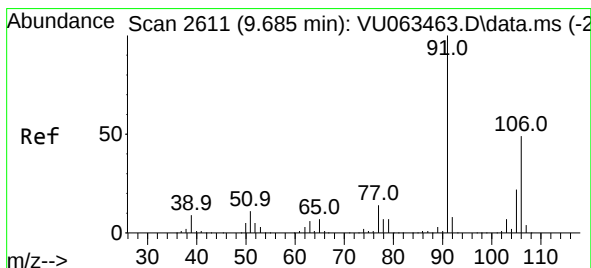
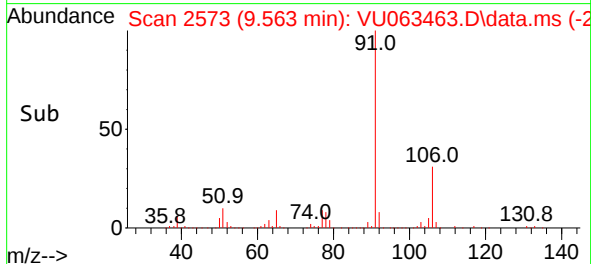
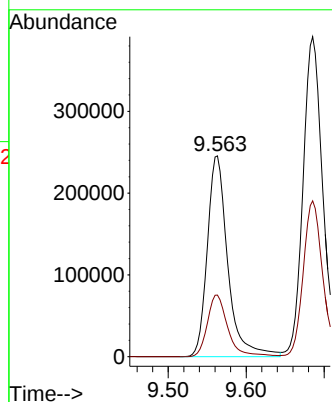
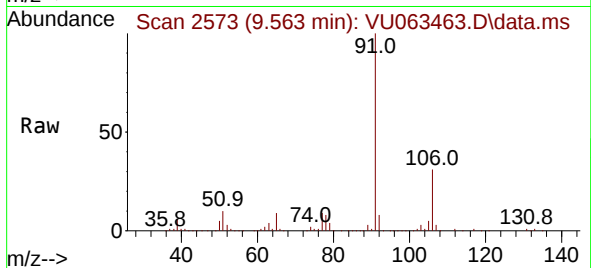
VSTDICCC050

Tgt Ion: 91 Resp: 448954

Ion Ratio Lower Upper

91 100

106 30.6 24.5 36.7



#68

m/p-Xylenes

Concen: 101.843 ug/l

RT: 9.685 min Scan# 2611

Delta R.T. 0.000 min

Lab File: VU063463.D

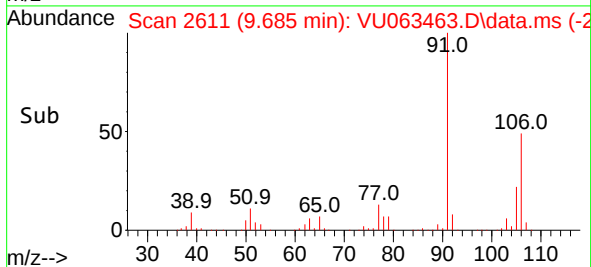
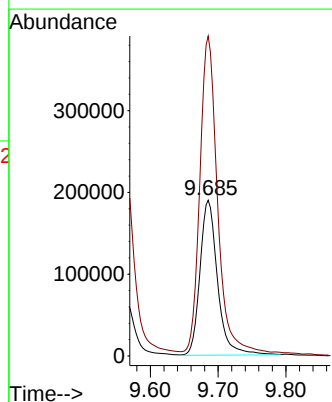
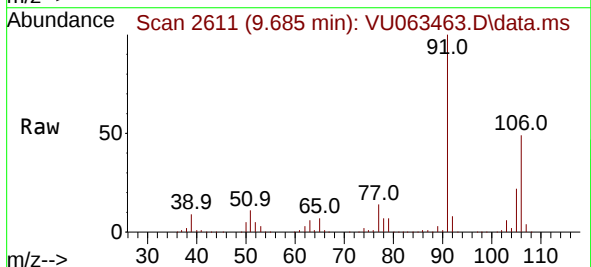
Acq: 08 Jul 2025 13:48

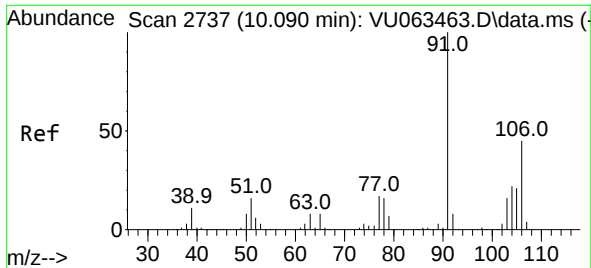
Tgt Ion: 106 Resp: 340564

Ion Ratio Lower Upper

106 100

91 204.5 163.6 245.4

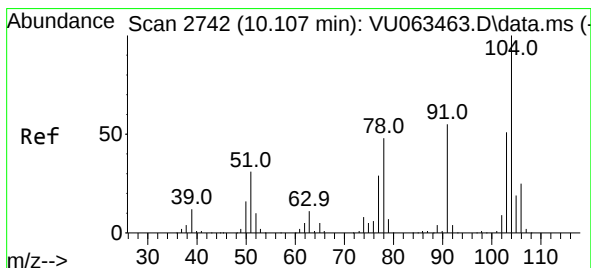
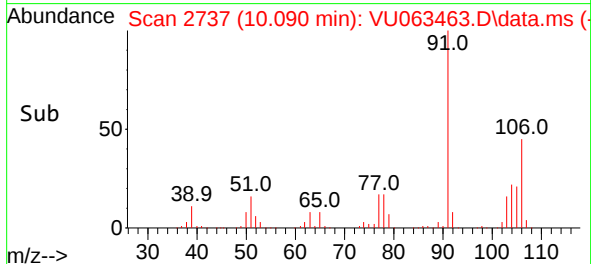
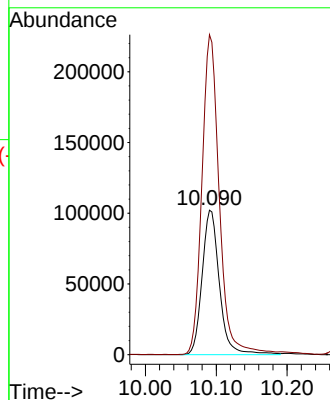
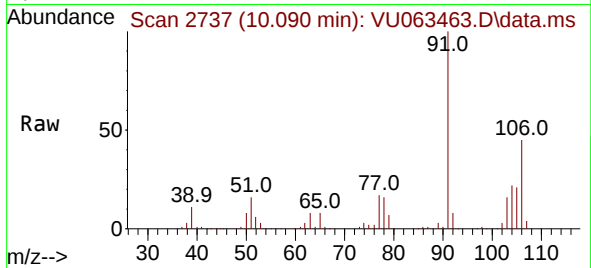




#69
o-Xylene
Concen: 51.003 ug/l
RT: 10.090 min Scan# 2737
Delta R.T. 0.000 min
Lab File: VU063463.D
Acq: 08 Jul 2025 13:48

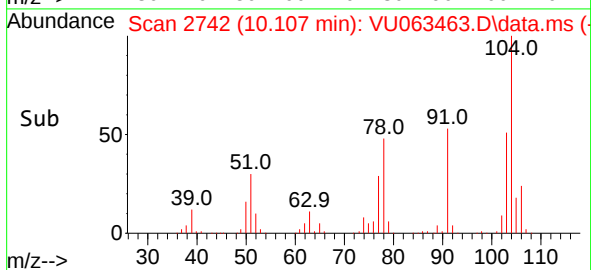
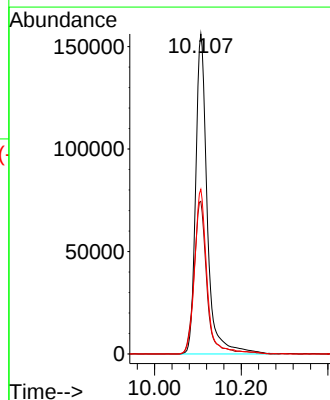
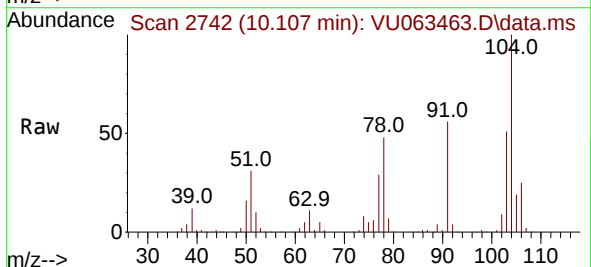
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

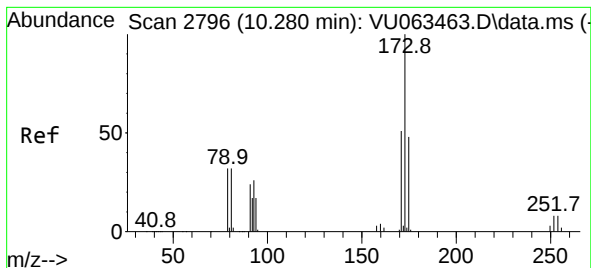
Tgt Ion:106 Resp: 173403
Ion Ratio Lower Upper
106 100
91 221.3 110.7 331.9



#70
Styrene
Concen: 53.705 ug/l
RT: 10.107 min Scan# 2742
Delta R.T. 0.000 min
Lab File: VU063463.D
Acq: 08 Jul 2025 13:48

Tgt Ion:104 Resp: 290320
Ion Ratio Lower Upper
104 100
78 51.7 41.4 62.0
103 55.4 44.3 66.5





#71

Bromoform

Concen: 54.785 ug/l

RT: 10.280 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU063463.D

Acq: 08 Jul 2025 13:48

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

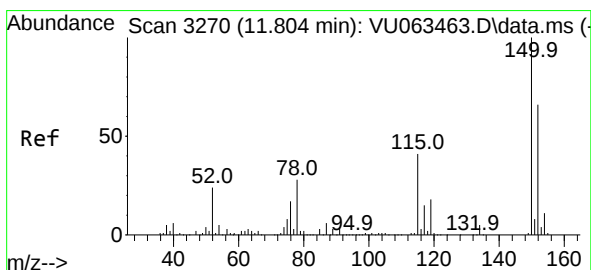
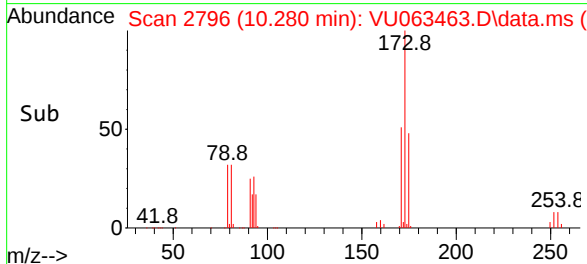
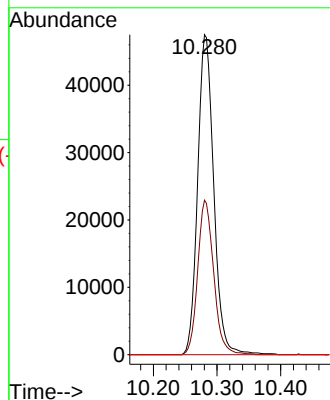
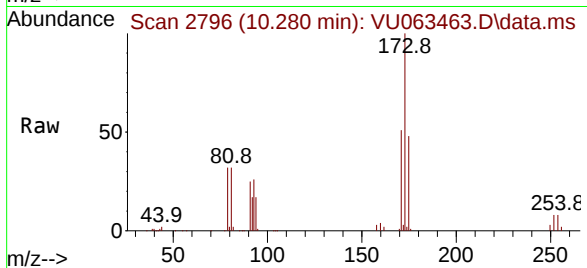
Tgt Ion:173 Resp: 83489

Ion Ratio Lower Upper

173 100

175 48.0 24.0 72.0

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: VU063463.D

Acq: 08 Jul 2025 13:48

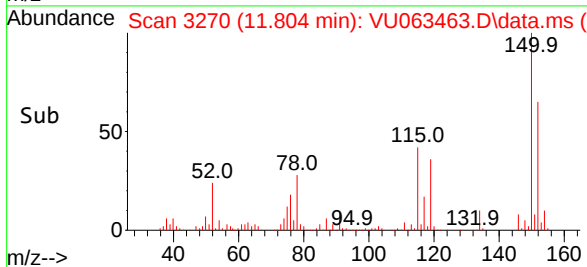
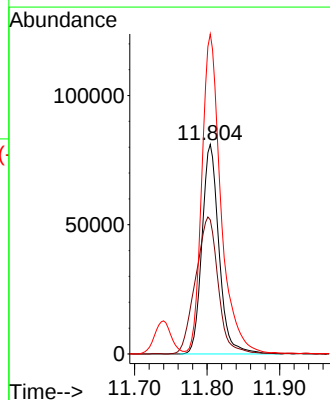
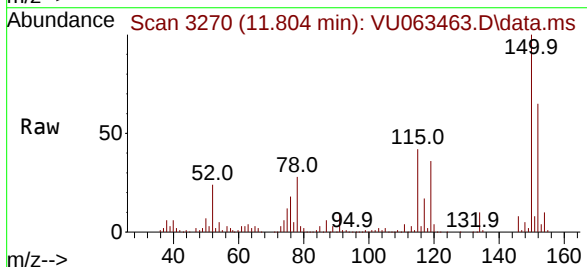
Tgt Ion:152 Resp: 132138

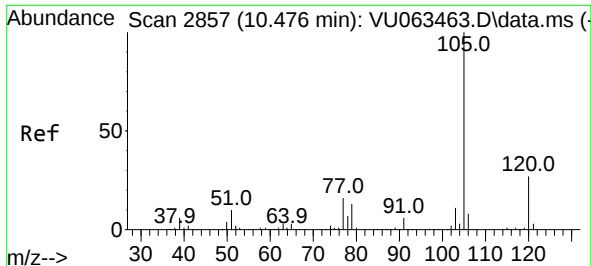
Ion Ratio Lower Upper

152 100

115 86.8 43.4 130.2

150 170.7 0.0 341.4

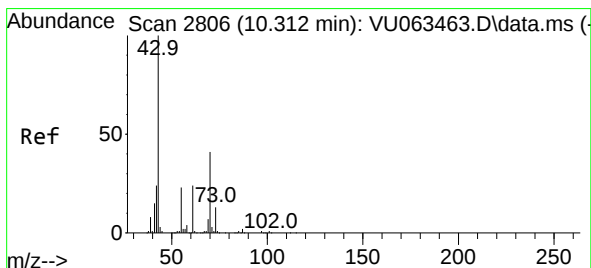
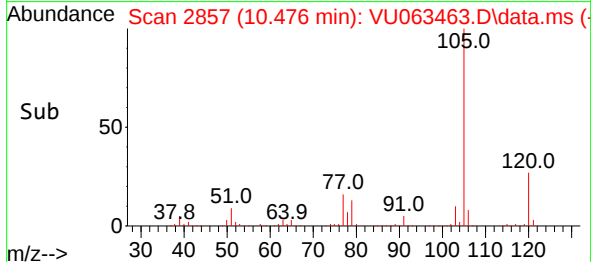
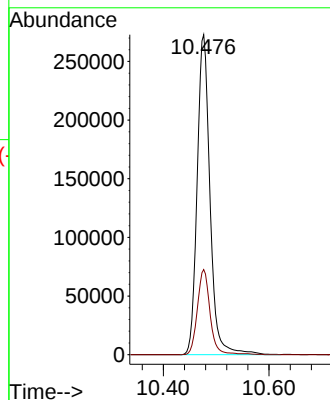
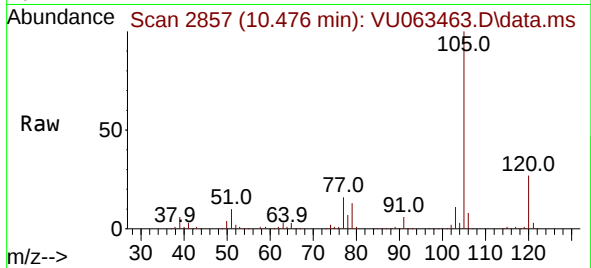




#73
Isopropylbenzene
Concen: 51.238 ug/l
RT: 10.476 min Scan# 2857
Delta R.T. 0.000 min
Lab File: VU063463.D
Acq: 08 Jul 2025 13:48

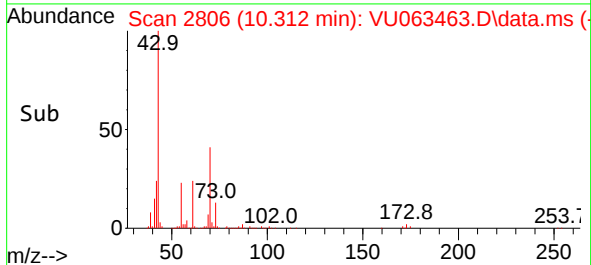
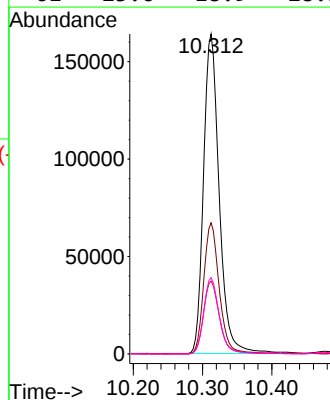
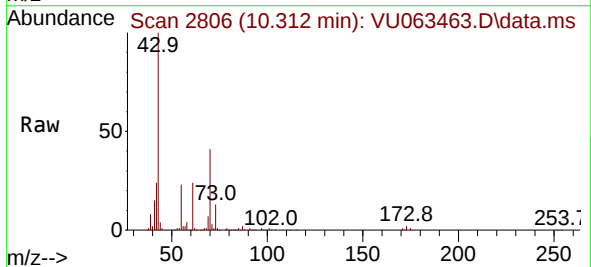
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

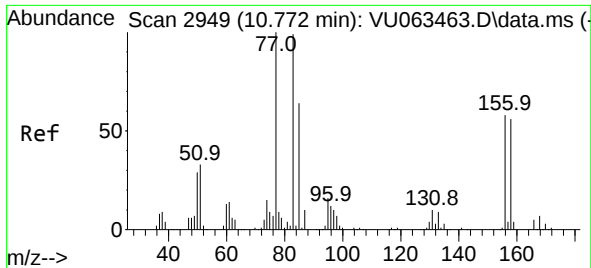
Tgt Ion:105 Resp: 460683
Ion Ratio Lower Upper
105 100
120 26.1 13.1 39.1



#74
N-ethyl acetate
Concen: 63.858 ug/l
RT: 10.312 min Scan# 2806
Delta R.T. 0.000 min
Lab File: VU063463.D
Acq: 08 Jul 2025 13:48

Tgt Ion: 43 Resp: 257479
Ion Ratio Lower Upper
43 100
70 40.7 32.6 48.8
55 23.2 18.6 27.8
61 23.6 18.9 28.3

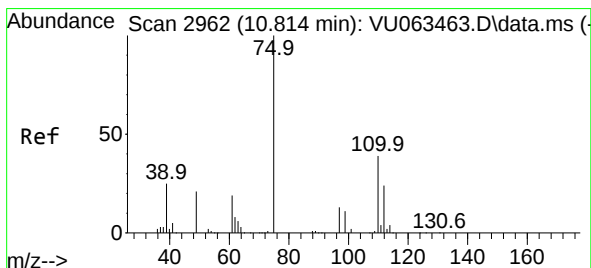
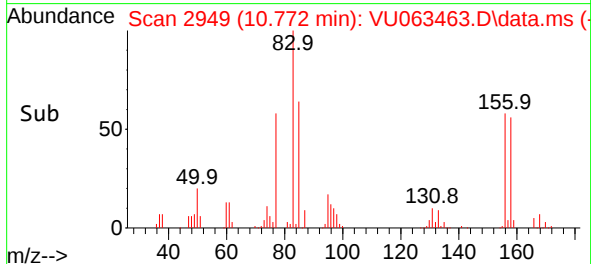
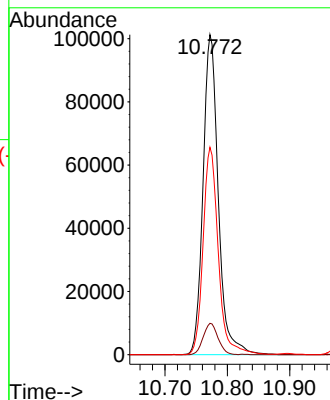
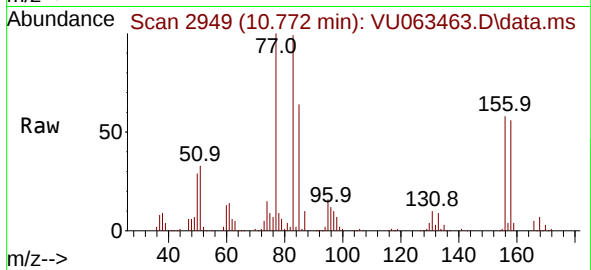




#75
1,1,2,2-Tetrachloroethane
Concen: 52.082 ug/l
RT: 10.772 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU063463.D
Acq: 08 Jul 2025 13:48

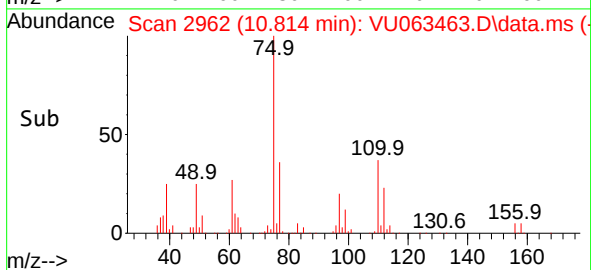
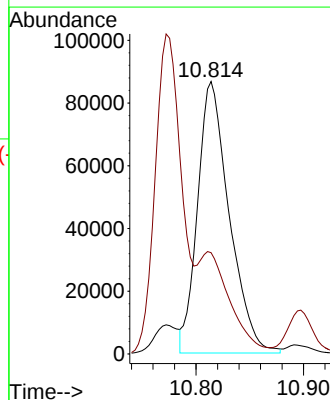
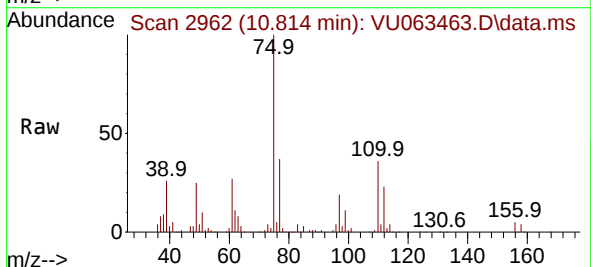
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

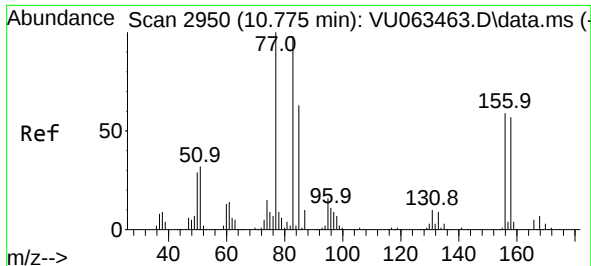
Tgt Ion: 83 Resp: 172367
Ion Ratio Lower Upper
83 100
131 9.5 4.8 14.3
85 64.5 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 50.668 ug/l
RT: 10.814 min Scan# 2962
Delta R.T. 0.000 min
Lab File: VU063463.D
Acq: 08 Jul 2025 13:48

Tgt Ion: 75 Resp: 177410
Ion Ratio Lower Upper
75 100
77 0.0 3.1 9.4#

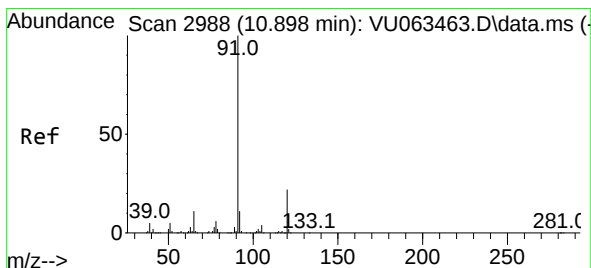
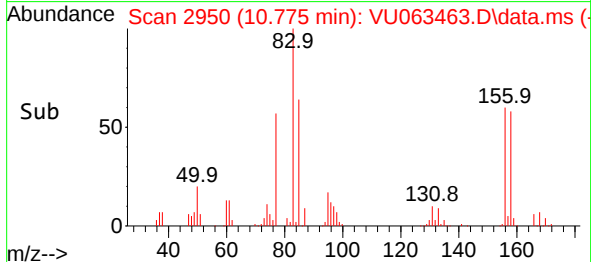
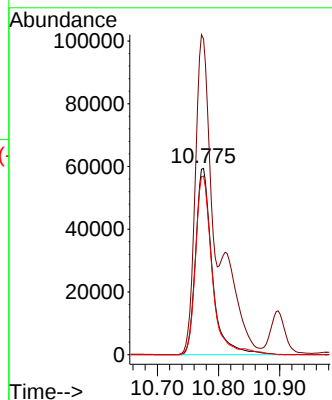
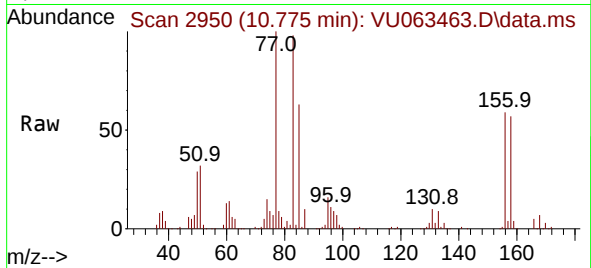




#77
Bromobenzene
Concen: 50.789 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU063463.D
Acq: 08 Jul 2025 13:48

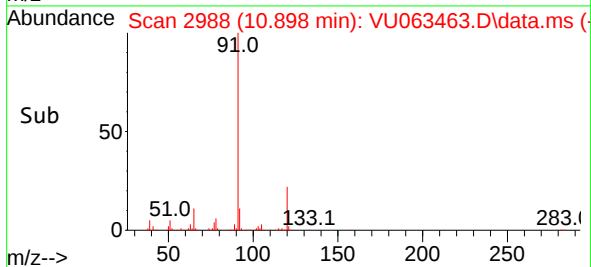
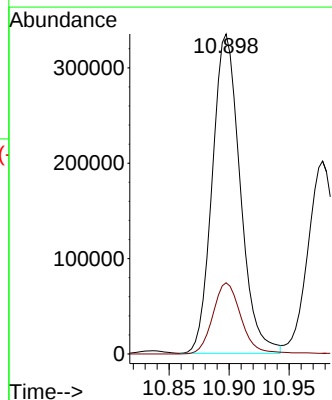
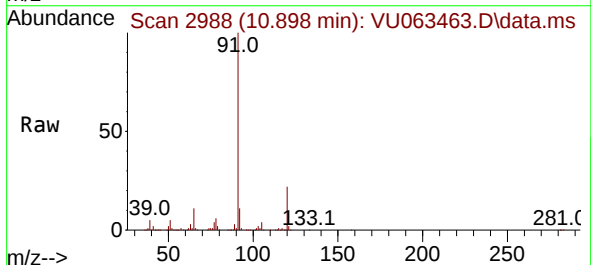
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

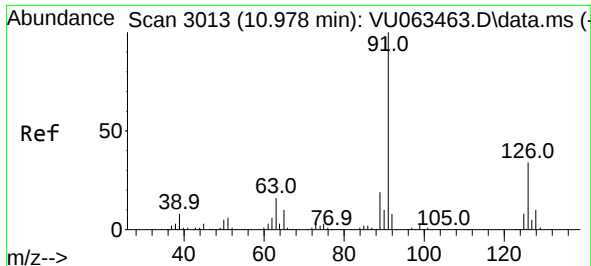
Tgt Ion:156 Resp: 111935
Ion Ratio Lower Upper
156 100
77 156.4 78.2 234.6
158 93.6 46.8 140.4



#78
n-propylbenzene
Concen: 51.929 ug/l
RT: 10.898 min Scan# 2988
Delta R.T. 0.000 min
Lab File: VU063463.D
Acq: 08 Jul 2025 13:48

Tgt Ion: 91 Resp: 541472
Ion Ratio Lower Upper
91 100
120 22.9 11.5 34.4

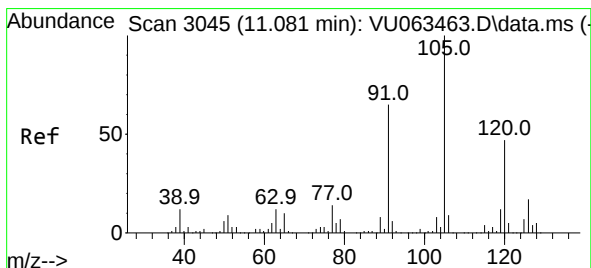
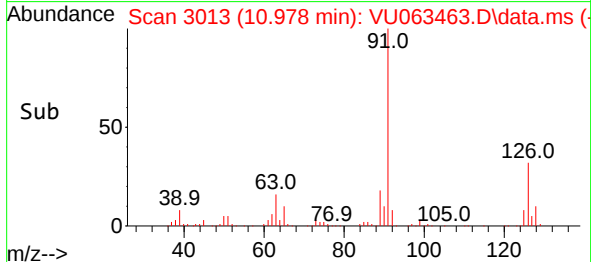
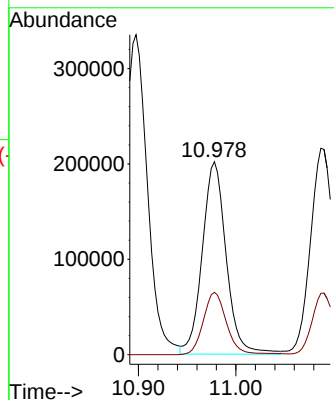
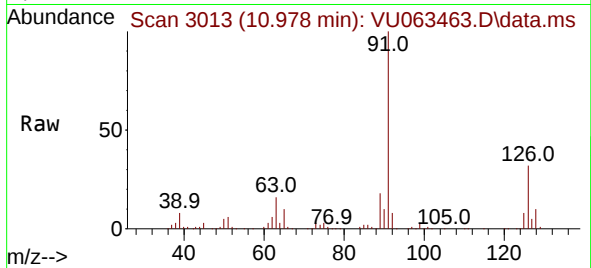




#79
2-Chlorotoluene
Concen: 52.630 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. 0.000 min
Lab File: VU063463.D
Acq: 08 Jul 2025 13:48

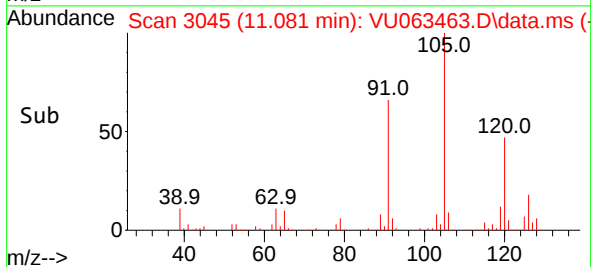
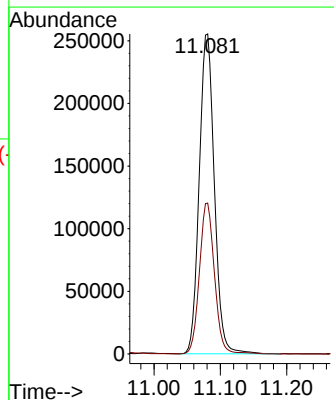
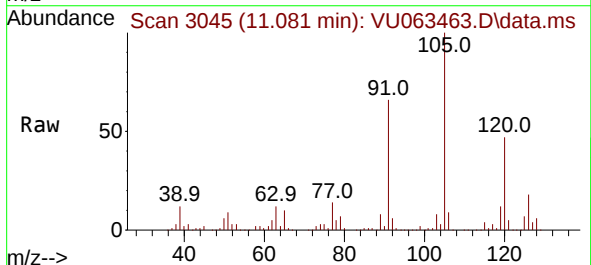
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

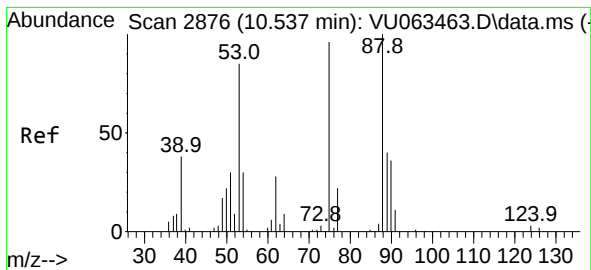
Tgt Ion: 91 Resp: 344175
Ion Ratio Lower Upper
91 100
126 31.8 15.9 47.7



#80
1,3,5-Trimethylbenzene
Concen: 51.503 ug/l
RT: 11.081 min Scan# 3045
Delta R.T. 0.000 min
Lab File: VU063463.D
Acq: 08 Jul 2025 13:48

Tgt Ion:105 Resp: 405022
Ion Ratio Lower Upper
105 100
120 46.8 23.4 70.2

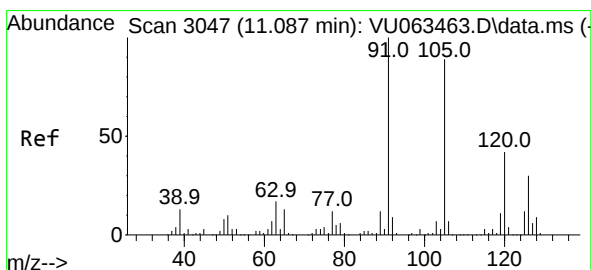
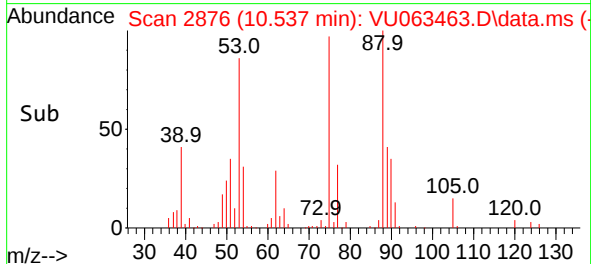
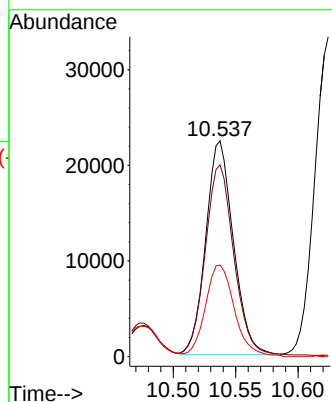
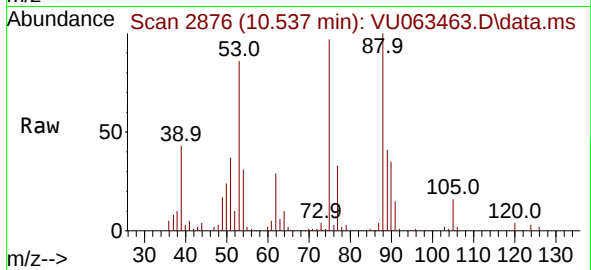




#81
trans-1,4-Dichloro-2-butene
Concen: 49.044 ug/l
RT: 10.537 min Scan# 2876
Delta R.T. 0.000 min
Lab File: VU063463.D
Acq: 08 Jul 2025 13:48

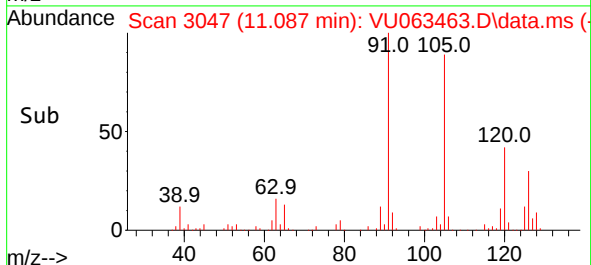
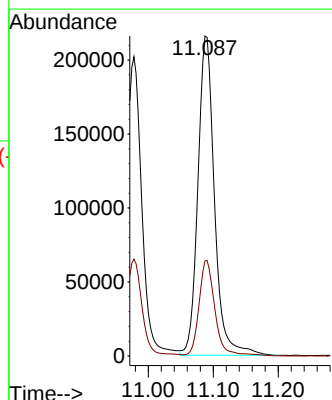
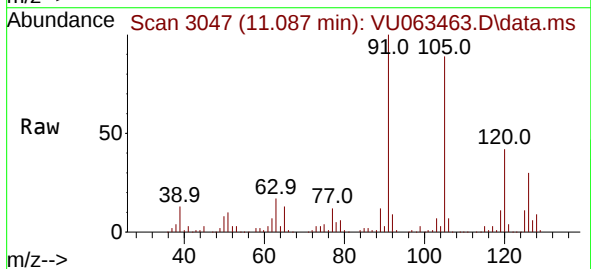
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

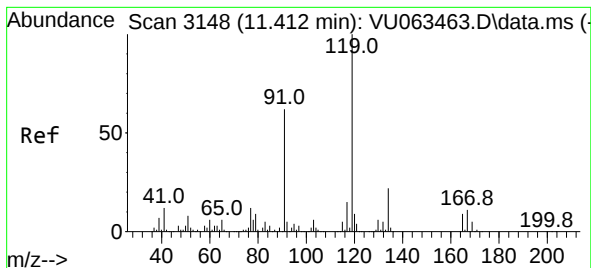
Tgt Ion: 75 Resp: 34431
Ion Ratio Lower Upper
75 100
53 93.2 74.6 111.8
89 45.4 36.3 54.5



#82
4-Chlorotoluene
Concen: 51.854 ug/l
RT: 11.087 min Scan# 3047
Delta R.T. 0.000 min
Lab File: VU063463.D
Acq: 08 Jul 2025 13:48

Tgt Ion: 91 Resp: 384976
Ion Ratio Lower Upper
91 100
126 28.8 14.4 43.2





#83

tert-Butylbenzene

Concen: 52.859 ug/l

RT: 11.412 min Scan# 3148

Delta R.T. 0.000 min

Lab File: VU063463.D

Acq: 08 Jul 2025 13:48

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

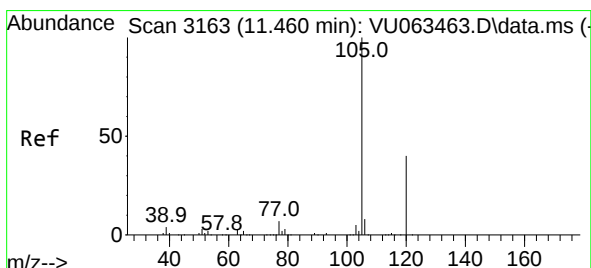
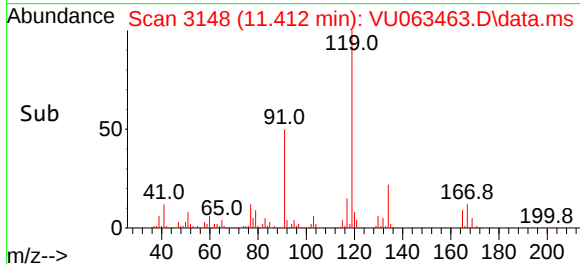
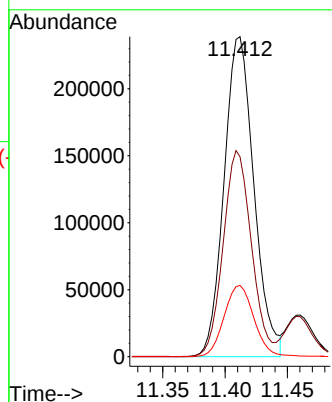
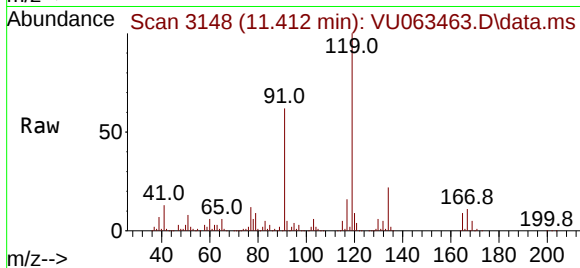
Tgt Ion:119 Resp: 398644

Ion Ratio Lower Upper

119 100

91 60.7 30.3 91.0

134 22.4 11.2 33.6



#84

1,2,4-Trimethylbenzene

Concen: 52.710 ug/l

RT: 11.460 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VU063463.D

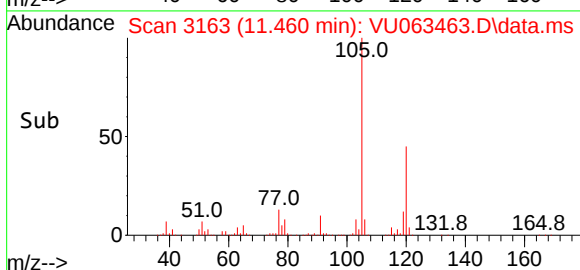
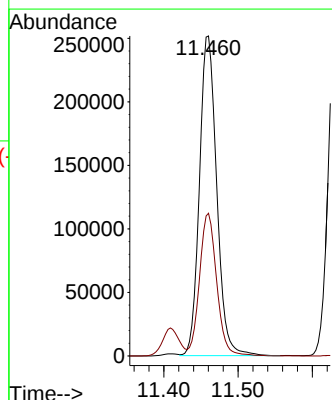
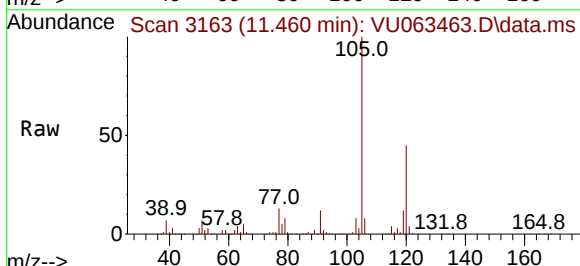
Acq: 08 Jul 2025 13:48

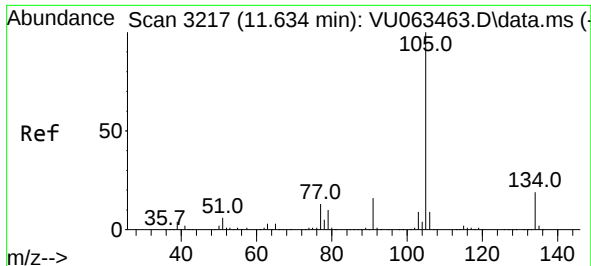
Tgt Ion:105 Resp: 407046

Ion Ratio Lower Upper

105 100

120 44.2 22.1 66.3

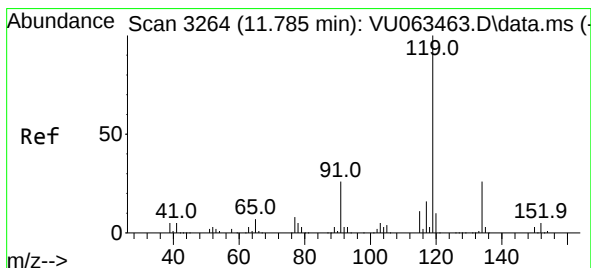
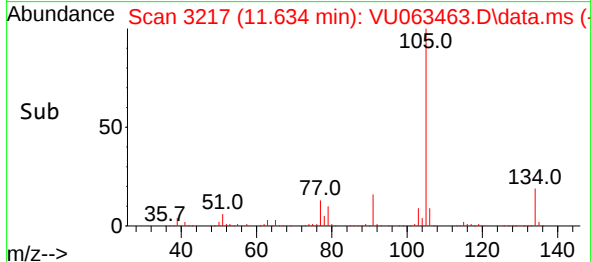
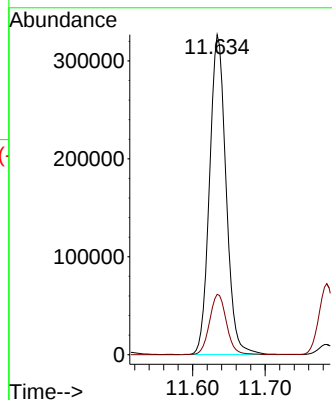
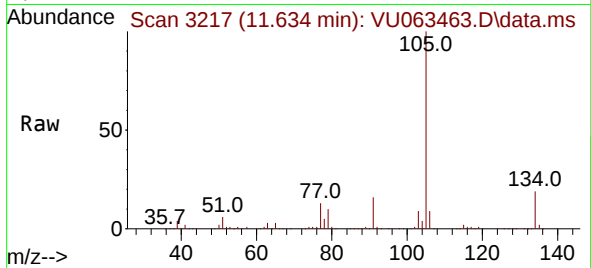




#85
 sec-Butylbenzene
 Concen: 51.925 ug/l
 RT: 11.634 min Scan# 3217
 Delta R.T. 0.000 min
 Lab File: VU063463.D
 Acq: 08 Jul 2025 13:48

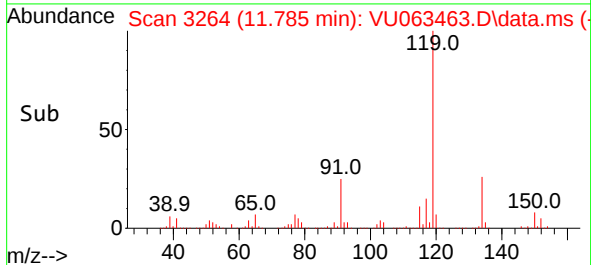
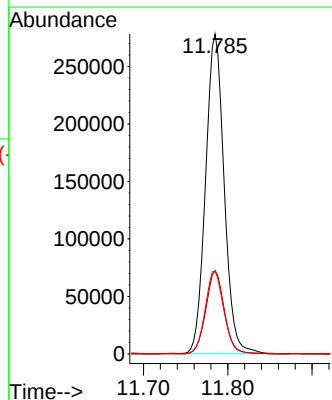
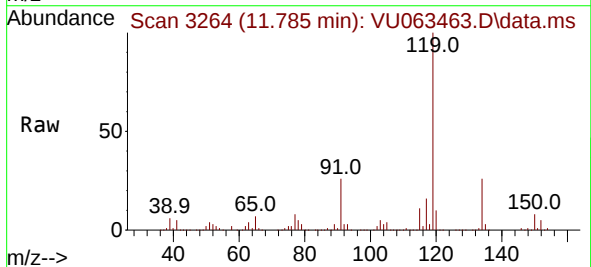
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

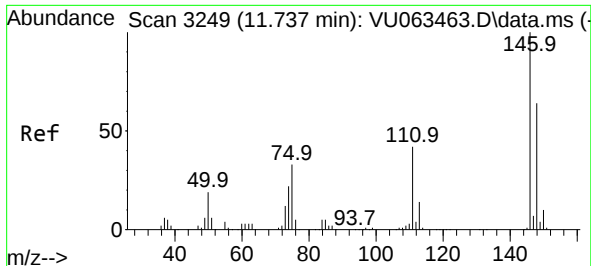
Tgt Ion:105 Resp: 516743
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 52.952 ug/l
 RT: 11.785 min Scan# 3264
 Delta R.T. 0.000 min
 Lab File: VU063463.D
 Acq: 08 Jul 2025 13:48

Tgt Ion:119 Resp: 427509
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.0 38.9
 91 25.9 13.0 38.9





#87

1,3-Dichlorobenzene

Concen: 50.429 ug/l

RT: 11.737 min Scan# 3249

Delta R.T. 0.000 min

Lab File: VU063463.D

Acq: 08 Jul 2025 13:48

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

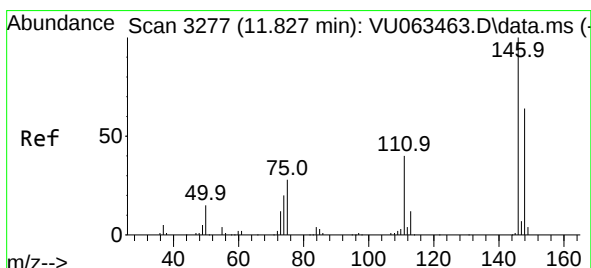
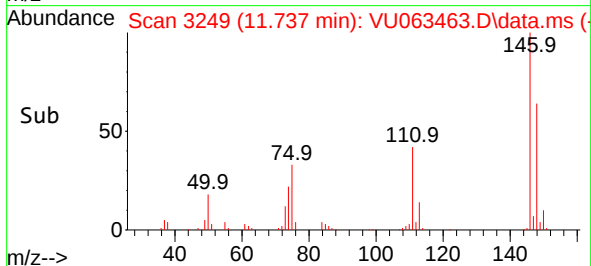
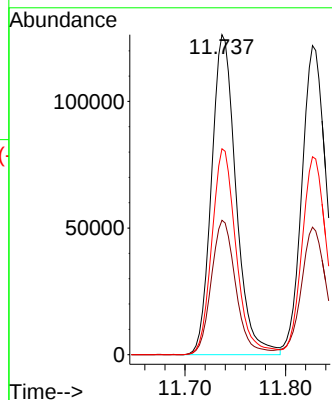
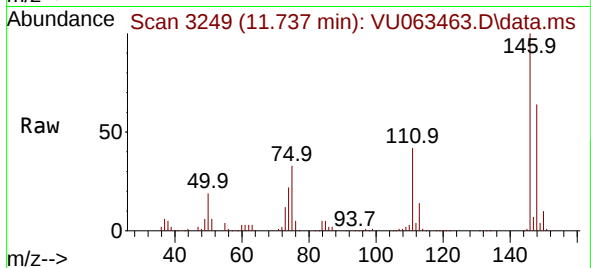
Tgt Ion:146 Resp: 214170

Ion Ratio Lower Upper

146 100

111 41.8 20.9 62.7

148 63.9 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 49.723 ug/l

RT: 11.827 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VU063463.D

Acq: 08 Jul 2025 13:48

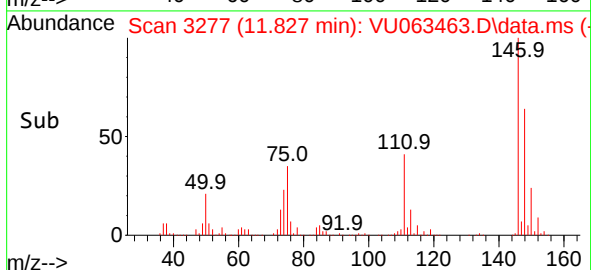
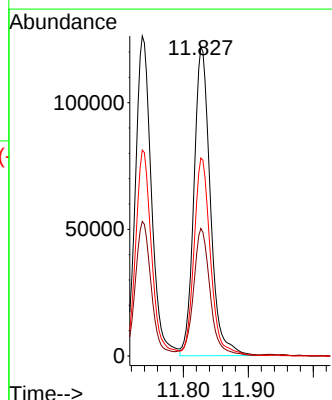
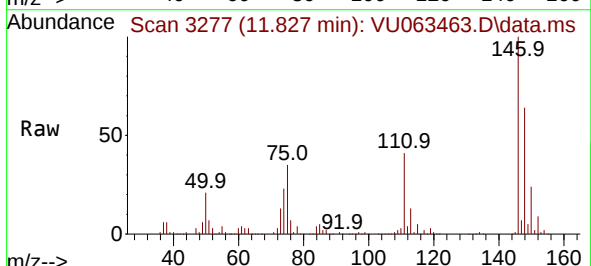
Tgt Ion:146 Resp: 215061

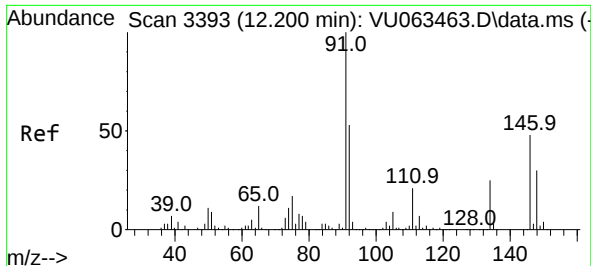
Ion Ratio Lower Upper

146 100

111 41.6 20.8 62.4

148 63.9 31.9 95.9

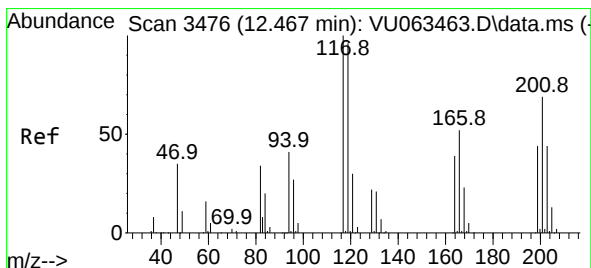
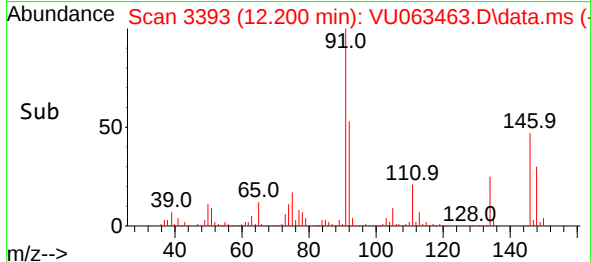
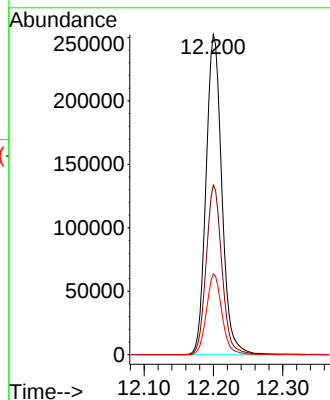
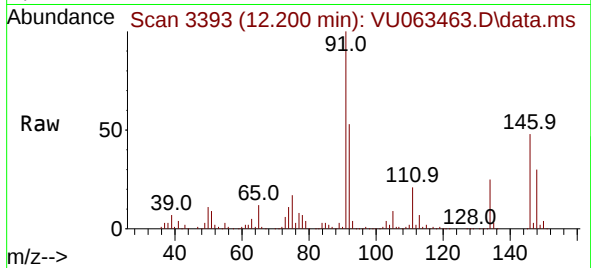




#89
n-Butylbenzene
Concen: 53.379 ug/l
RT: 12.200 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU063463.D
Acq: 08 Jul 2025 13:48

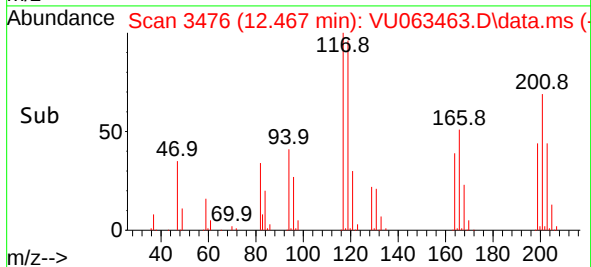
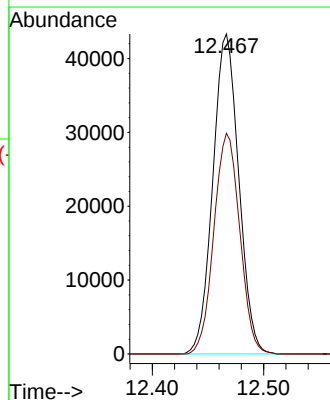
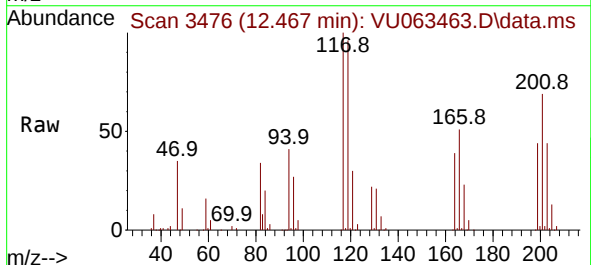
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

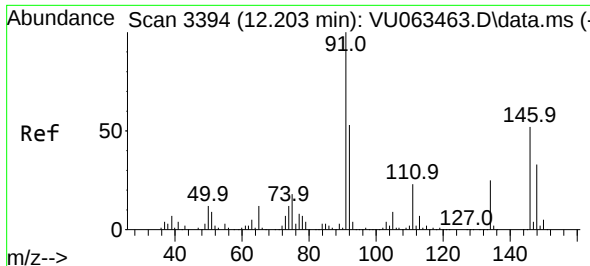
Tgt Ion: 91 Resp: 398865
Ion Ratio Lower Upper
91 100
92 52.8 26.4 79.2
134 24.7 12.4 37.0



#90
Hexachloroethane
Concen: 51.947 ug/l
RT: 12.467 min Scan# 3476
Delta R.T. 0.000 min
Lab File: VU063463.D
Acq: 08 Jul 2025 13:48

Tgt Ion: 117 Resp: 70144
Ion Ratio Lower Upper
117 100
201 68.8 34.4 103.2

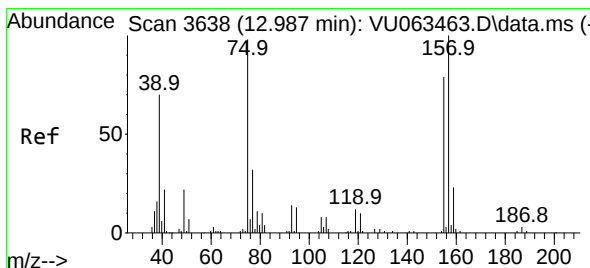
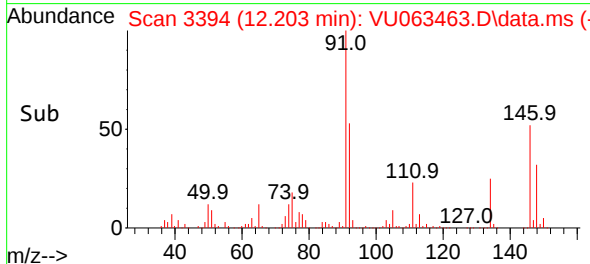
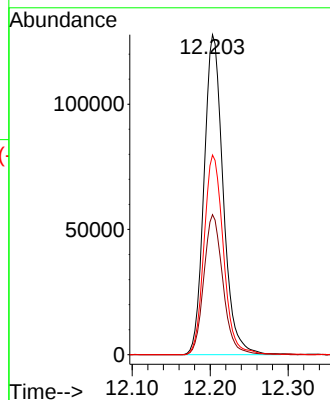
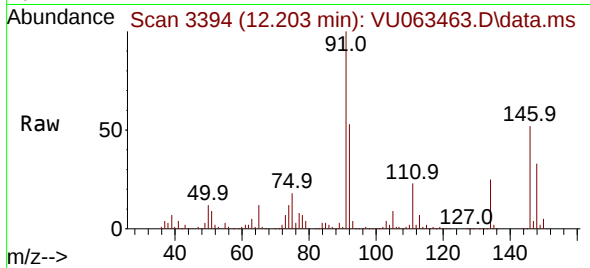




#91
1,2-Dichlorobenzene
Concen: 52.501 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. 0.000 min
Lab File: VU063463.D
Acq: 08 Jul 2025 13:48

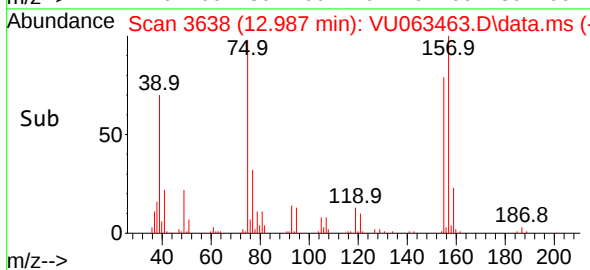
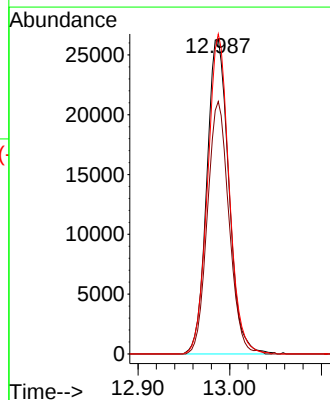
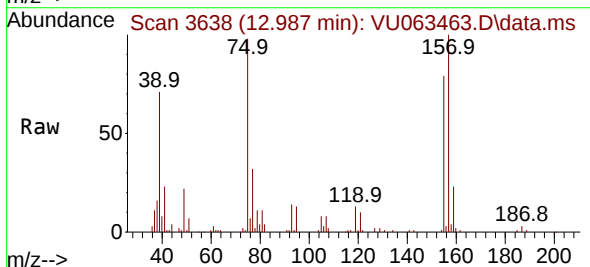
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

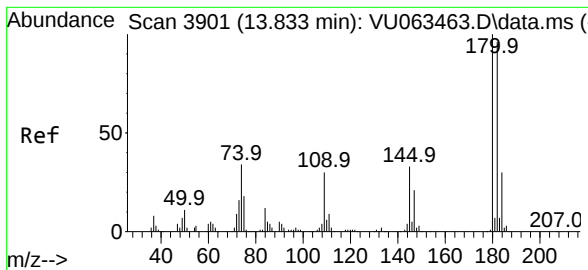
Tgt Ion:146 Resp: 217424
Ion Ratio Lower Upper
146 100
111 43.7 21.9 65.5
148 63.3 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 56.104 ug/l
RT: 12.987 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VU063463.D
Acq: 08 Jul 2025 13:48

Tgt Ion: 75 Resp: 43976
Ion Ratio Lower Upper
75 100
155 78.3 39.1 117.5
157 98.8 49.4 148.2

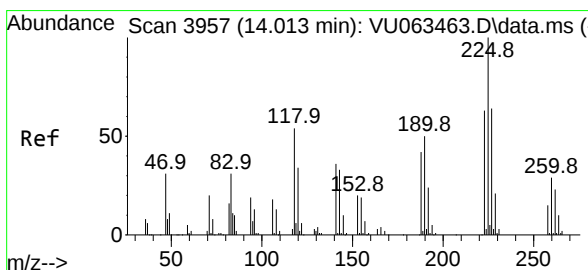
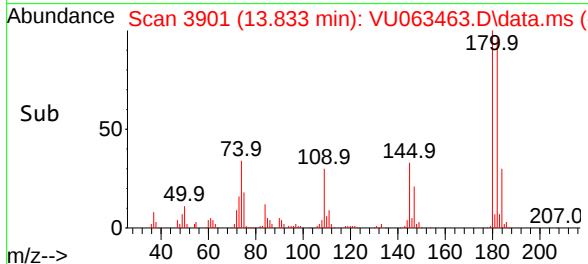
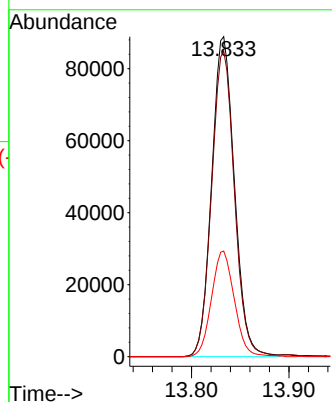
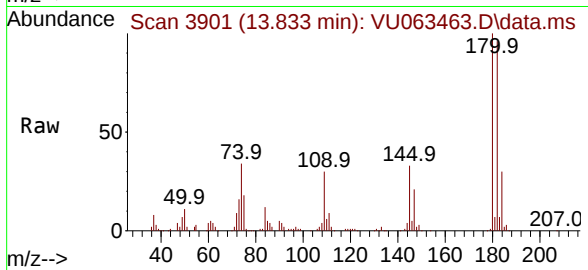




#93
1,2,4-Trichlorobenzene
Concen: 54.455 ug/l
RT: 13.833 min Scan# 3901
Delta R.T. 0.000 min
Lab File: VU063463.D
Acq: 08 Jul 2025 13:48

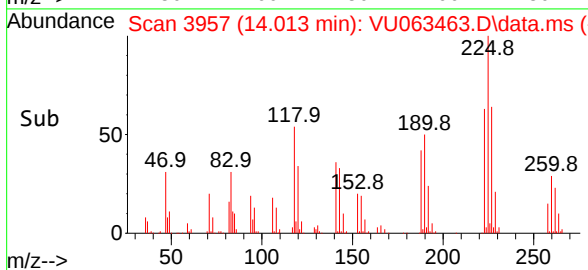
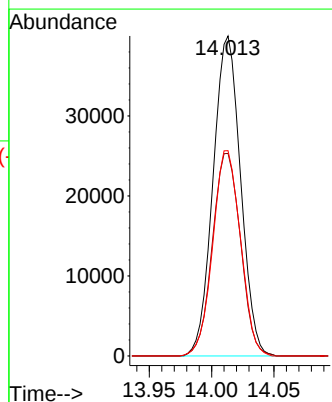
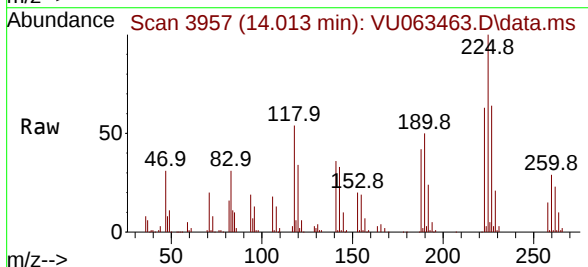
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

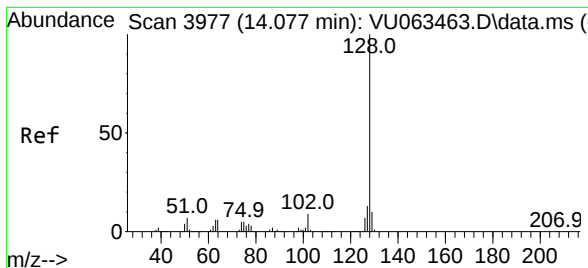
Tgt Ion:180 Resp: 144425
Ion Ratio Lower Upper
180 100
182 95.4 47.7 143.1
145 33.1 16.6 49.7



#94
Hexachlorobutadiene
Concen: 54.249 ug/l
RT: 14.013 min Scan# 3957
Delta R.T. 0.000 min
Lab File: VU063463.D
Acq: 08 Jul 2025 13:48

Tgt Ion:225 Resp: 61503
Ion Ratio Lower Upper
225 100
223 64.7 32.4 97.0
227 64.6 32.3 96.9





#95

Naphthalene

Concen: 57.770 ug/l

RT: 14.077 min Scan# 3977

Delta R.T. 0.000 min

Lab File: VU063463.D

Acq: 08 Jul 2025 13:48

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

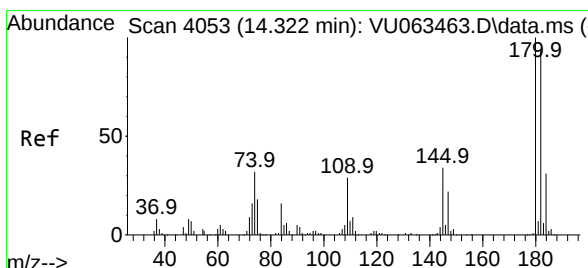
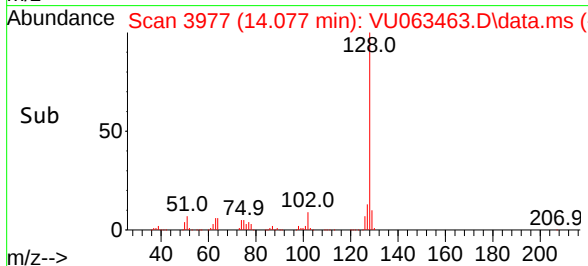
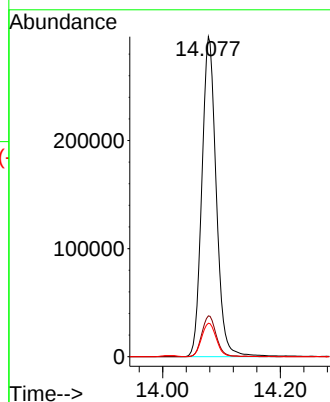
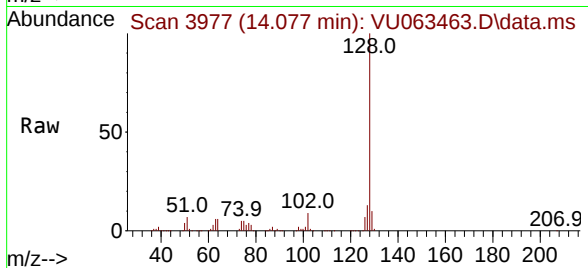
Tgt Ion:128 Resp: 501767

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 10.7 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 55.828 ug/l

RT: 14.322 min Scan# 4053

Delta R.T. 0.000 min

Lab File: VU063463.D

Acq: 08 Jul 2025 13:48

Tgt Ion:180 Resp: 145510

Ion Ratio Lower Upper

180 100

182 95.5 47.8 143.3

145 34.3 17.2 51.5

