

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070825\
 Data File : VU063466.D
 Acq On : 08 Jul 2025 15:49
 Operator : MD/SY
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICSVU070825

Quant Time: Jul 09 04:06:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 09 04:05:05 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.361	168	139265	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.238	114	242484	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.409	117	217211	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.804	152	116338	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.692	65	82609	46.492	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.980%
35) Dibromofluoromethane	5.277	113	70867	48.484	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.960%
50) Toluene-d8	7.888	98	225040	47.233	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.460%
62) 4-Bromofluorobenzene	10.624	95	100524	48.235	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.480%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.380	85	53771	48.547	ug/l	97
3) Chloromethane	1.518	50	60552	52.227	ug/l	99
4) Vinyl Chloride	1.599	62	71947	48.097	ug/l	96
5) Bromomethane	1.840	94	54171	51.687	ug/l	99
6) Chloroethane	1.920	64	47806	56.016	ug/l	97
7) Trichlorofluoromethane	2.126	101	119307	49.439	ug/l	99
8) Diethyl Ether	2.370	74	48405	48.130	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.567	101	69404	48.624	ug/l	98
10) Methyl Iodide	2.708	142	66268	44.448	ug/l	94
11) Tert butyl alcohol	3.190	59	166410	279.327	ug/l	98
12) 1,1-Dichloroethene	2.567	96	64645	48.653	ug/l	97
13) Acrolein	2.477	56	22468	267.190	ug/l	95
14) Allyl chloride	2.907	41	154344	48.801	ug/l	98
15) Acrylonitrile	3.303	53	353331	276.882	ug/l	98
16) Acetone	2.618	43	374734	251.410	ug/l	100
17) Carbon Disulfide	2.776	76	139141	54.285	ug/l	100
18) Methyl Acetate	2.940	43	204643	53.350	ug/l	99
19) Methyl tert-butyl Ether	3.358	73	288982	50.430	ug/l	100
20) Methylene Chloride	3.030	84	83000	51.496	ug/l	99
21) trans-1,2-Dichloroethene	3.332	96	65236	52.606	ug/l	95
22) Diisopropyl ether	3.991	45	268867	49.927	ug/l	99
23) Vinyl Acetate	3.946	43	1134709	271.555	ug/l	99
24) 1,1-Dichloroethane	3.849	63	150447	49.226	ug/l	100
25) 2-Butanone	4.702	43	474735	283.718	ug/l	100
26) 2,2-Dichloropropane	4.644	77	132893	49.979	ug/l	99
27) cis-1,2-Dichloroethene	4.650	96	93631	49.692	ug/l	99
28) Bromochloromethane	4.959	49	69709	48.555	ug/l	99
29) Tetrahydrofuran	5.049	42	294737	279.235	ug/l	99
30) Chloroform	5.071	83	158067	48.987	ug/l	97
31) Cyclohexane	5.367	56	115711	47.096	ug/l	98
32) 1,1,1-Trichloroethane	5.300	97	138128	50.275	ug/l	99
36) 1,1-Dichloropropene	5.512	75	97108	48.895	ug/l	99
37) Ethyl Acetate	4.804	43	153050	47.584	ug/l	99
38) Carbon Tetrachloride	5.509	117	108140	49.417	ug/l	100
39) Methylcyclohexane	6.746	83	113474	47.286	ug/l	97
40) Benzene	5.759	78	319860	51.569	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.965	41	82503	54.360	ug/l	98
42) 1,2-Dichloroethane	5.782	62	122240	52.412	ug/l	100
43) Isopropyl Acetate	5.907	43	234042	54.781	ug/l	99
44) Trichloroethene	6.531	130	81709	49.226	ug/l	98
45) 1,2-Dichloropropane	6.779	63	87536	50.767	ug/l	97
46) Dibromomethane	6.907	93	64117	52.263	ug/l	99
47) Bromodichloromethane	7.094	83	129105	50.610	ug/l	98
48) Methyl methacrylate	6.955	41	106451	53.910	ug/l	99
49) 1,4-Dioxane	6.962	88	50916	1175.066	ug/l	98
51) 4-Methyl-2-Pentanone	7.782	43	824127	266.514	ug/l	100
52) Toluene	7.959	92	201363	49.634	ug/l	96
53) t-1,3-Dichloropropene	8.200	75	122169	54.728	ug/l	100
54) cis-1,3-Dichloropropene	7.595	75	135710	54.308	ug/l	97
55) 1,1,2-Trichloroethane	8.390	97	87828	50.976	ug/l	95
56) Ethyl methacrylate	8.328	69	140788	50.656	ug/l	98
57) 1,3-Dichloropropane	8.566	76	144033	50.716	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.457	63	7630	264.380	ug/l	96
59) 2-Hexanone	8.676	43	635921	271.895	ug/l	100
60) Dibromochloromethane	8.798	129	102660	53.189	ug/l	99
61) 1,2-Dibromoethane	8.914	107	83782	49.545	ug/l	99
64) Tetrachloroethene	8.544	164	78273	48.407	ug/l	97
65) Chlorobenzene	9.438	112	236121	52.250	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.525	131	80980	52.251	ug/l	97
67) Ethyl Benzene	9.563	91	398347	51.288	ug/l	99
68) m/p-Xylenes	9.685	106	302467	102.040	ug/l	93
69) o-Xylene	10.090	106	152114	50.475	ug/l	100
70) Styrene	10.106	104	259709	54.198	ug/l	98
71) Bromoform	10.283	173	74122	54.870	ug/l #	100
73) Isopropylbenzene	10.476	105	402722	50.875	ug/l	100
74) N-amyl acetate	10.312	43	200312	56.427	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.772	83	154615	53.063	ug/l	100
76) 1,2,3-Trichloropropane	10.814	75	161410	52.359	ug/l #	81
77) Bromobenzene	10.775	156	101870	52.500	ug/l	96
78) n-propylbenzene	10.897	91	475995	51.849	ug/l	100
79) 2-Chlorotoluene	10.978	91	301851	52.427	ug/l	99
80) 1,3,5-Trimethylbenzene	11.078	105	351058	50.703	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.537	75	32483	52.553	ug/l	97
82) 4-Chlorotoluene	11.087	91	345649	52.880	ug/l	99
83) tert-Butylbenzene	11.412	119	341104	51.372	ug/l	98
84) 1,2,4-Trimethylbenzene	11.460	105	349767	51.444	ug/l	99
85) sec-Butylbenzene	11.634	105	448366	51.173	ug/l	100
86) p-Isopropyltoluene	11.785	119	370141	52.073	ug/l	100
87) 1,3-Dichlorobenzene	11.737	146	192899	51.589	ug/l	99
88) 1,4-Dichlorobenzene	11.827	146	195838	51.371	ug/l	100
89) n-Butylbenzene	12.200	91	354441	53.876	ug/l	99
90) Hexachloroethane	12.467	117	62569	52.630	ug/l	98
91) 1,2-Dichlorobenzene	12.203	146	190537	52.257	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.987	75	41674	60.388	ug/l	99
93) 1,2,4-Trichlorobenzene	13.833	180	129486	55.453	ug/l	99
94) Hexachlorobutadiene	14.013	225	54527	54.628	ug/l	96
95) Naphthalene	14.077	128	456524	59.699	ug/l	100
96) 1,2,3-Trichlorobenzene	14.322	180	126813	55.262	ug/l	99

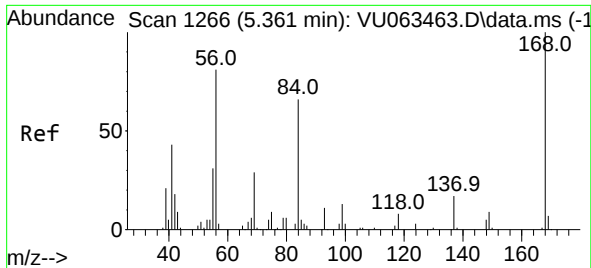
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070825\
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Quant Title : SW846 8260
QLast Update : Wed Jul 09 04:05:05 2025
Response via : Initial Calibration

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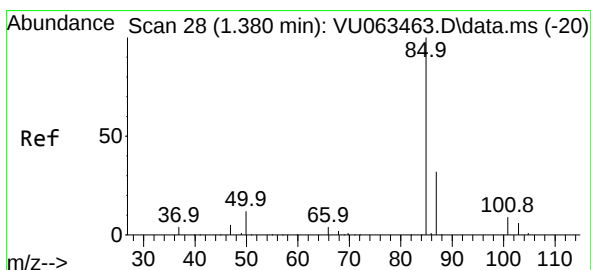
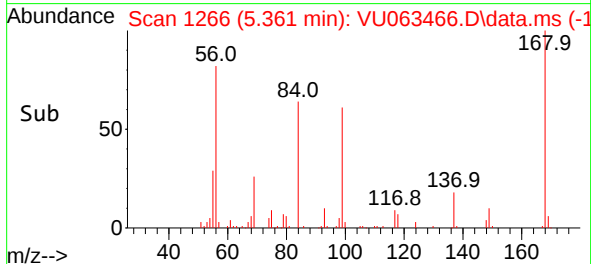
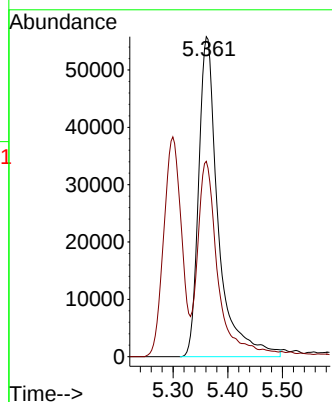
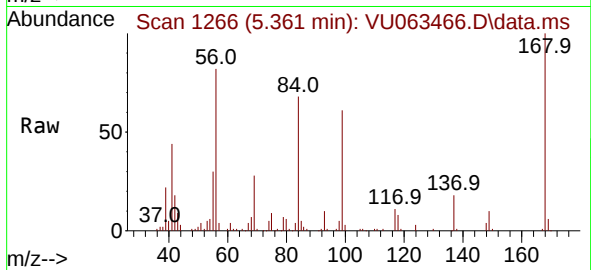
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.361 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU063466.D
Acq: 08 Jul 2025 15:49

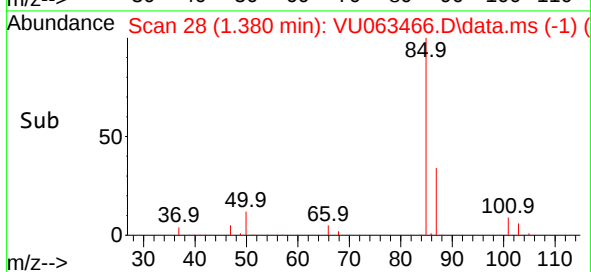
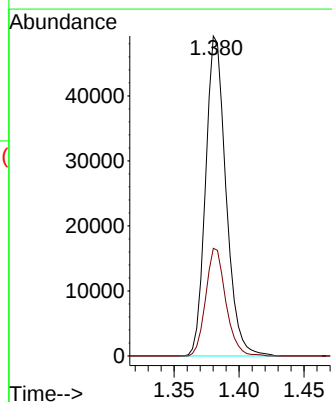
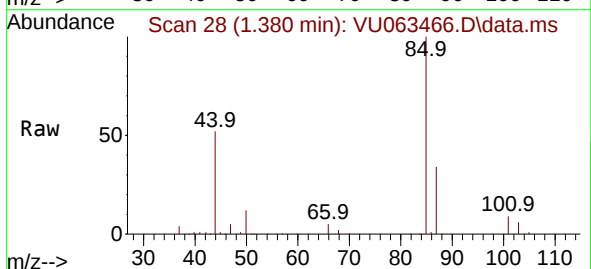
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MSVOA_U
ClientSampleId :
ICVVU070825

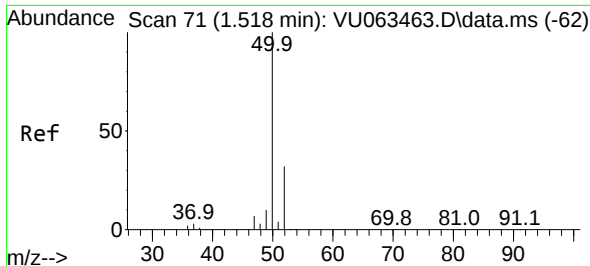
Tgt Ion:168 Resp: 139265
Ion Ratio Lower Upper
168 100
99 59.5 47.7 71.5



#2
Dichlorodifluoromethane
Concen: 48.547 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU063466.D
Acq: 08 Jul 2025 15:49

Tgt Ion: 85 Resp: 53771
Ion Ratio Lower Upper
85 100
87 33.6 16.1 48.2





#3
Chloromethane
Concen: 52.227 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU063466.D
Acq: 08 Jul 2025 15:49

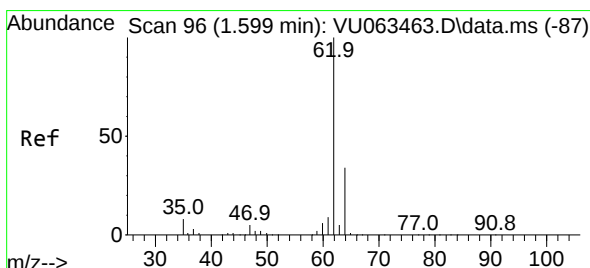
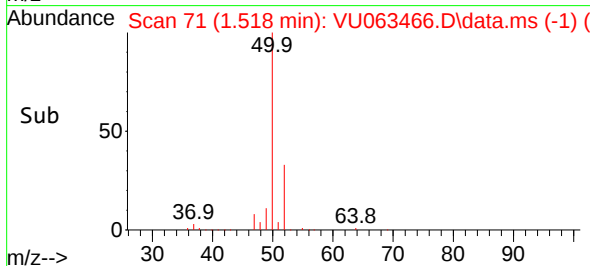
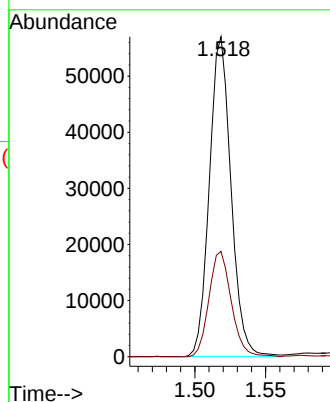
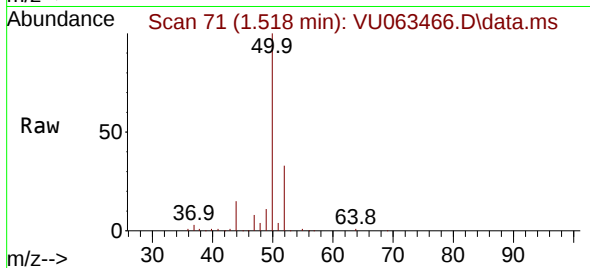
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MSVOA_U

ClientSampleId :

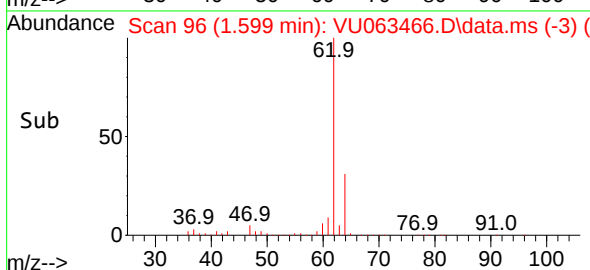
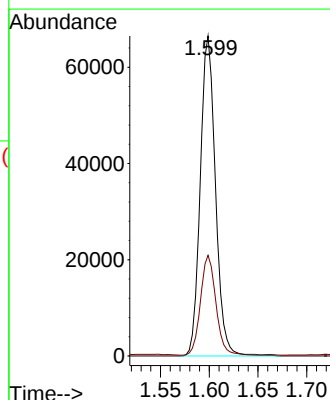
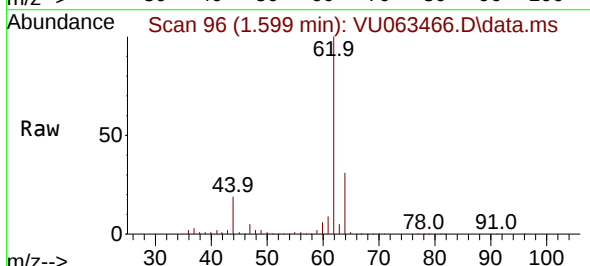
ICVVU070825

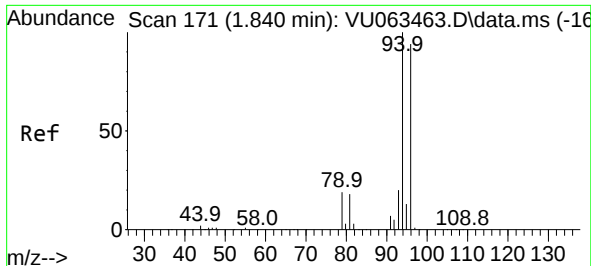
Tgt Ion: 50 Resp: 60552
Ion Ratio Lower Upper
50 100
52 32.9 25.8 38.8



#4
Vinyl Chloride
Concen: 48.097 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063466.D
Acq: 08 Jul 2025 15:49

Tgt Ion: 62 Resp: 71947
Ion Ratio Lower Upper
62 100
64 31.2 26.9 40.3

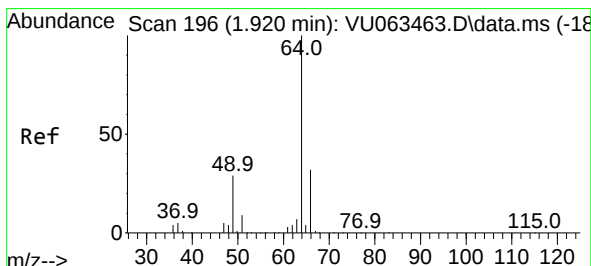
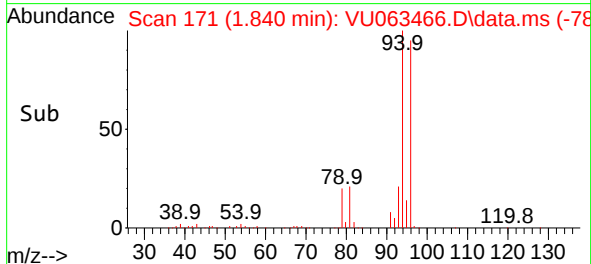
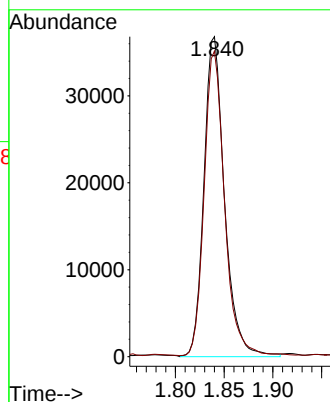
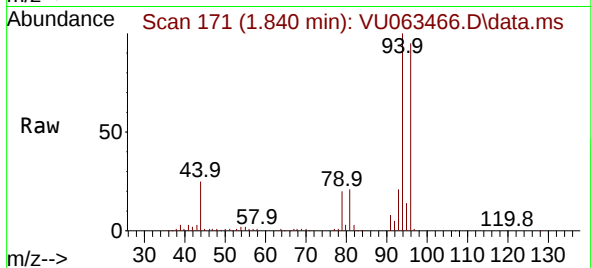




#5
Bromomethane
Concen: 51.687 ug/l
RT: 1.840 min Scan# 171
Delta R.T. -0.000 min
Lab File: VU063466.D
Acq: 08 Jul 2025 15:49

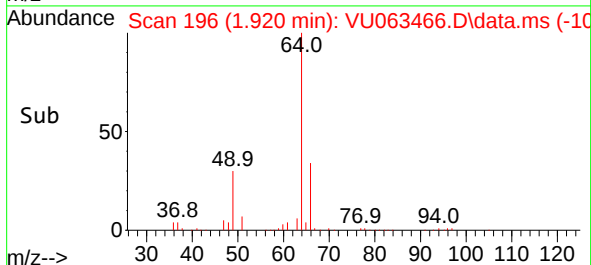
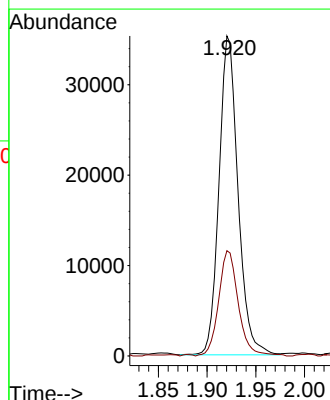
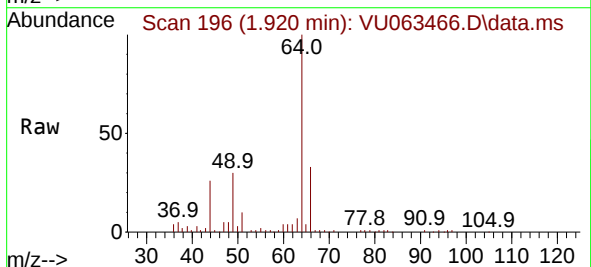
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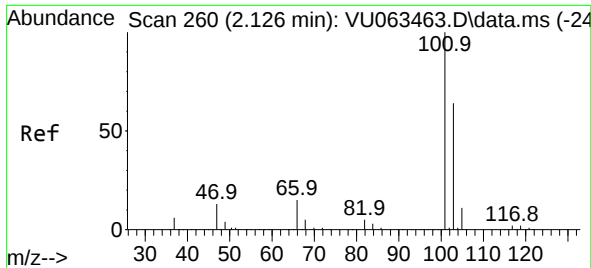
Tgt Ion: 94 Resp: 54171
Ion Ratio Lower Upper
94 100
96 95.1 75.5 113.3



#6
Chloroethane
Concen: 56.016 ug/l
RT: 1.920 min Scan# 196
Delta R.T. 0.000 min
Lab File: VU063466.D
Acq: 08 Jul 2025 15:49

Tgt Ion: 64 Resp: 47806
Ion Ratio Lower Upper
64 100
66 33.0 25.3 37.9

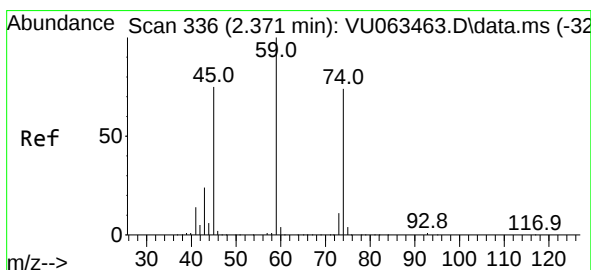
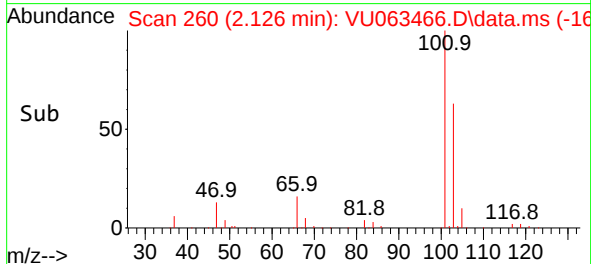
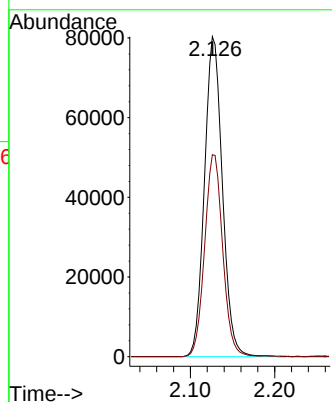
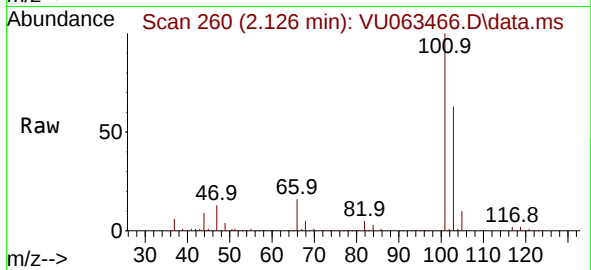




#7
Trichlorofluoromethane
Concen: 49.439 ug/l
RT: 2.126 min Scan# 20
Delta R.T. 0.000 min
Lab File: VU063466.D
Acq: 08 Jul 2025 15:49

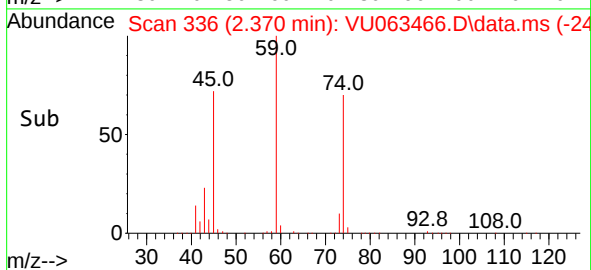
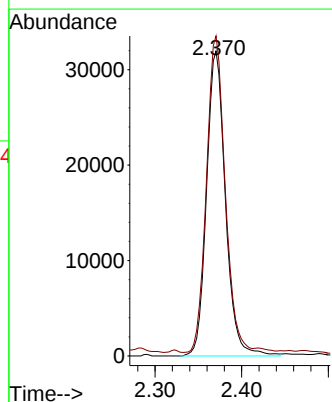
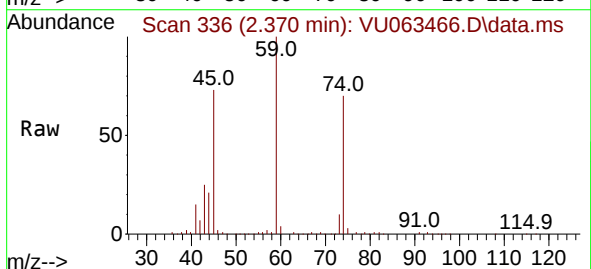
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MSVOA_U
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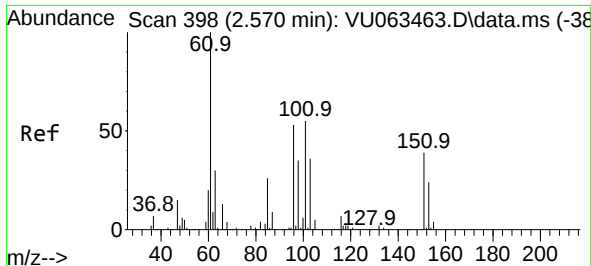
Tgt Ion:101 Resp: 119307
Ion Ratio Lower Upper
101 100
103 63.1 51.1 76.7



#8
Diethyl Ether
Concen: 48.130 ug/l
RT: 2.370 min Scan# 336
Delta R.T. -0.000 min
Lab File: VU063466.D
Acq: 08 Jul 2025 15:49

Tgt Ion: 74 Resp: 48405
Ion Ratio Lower Upper
74 100
45 102.7 49.7 149.1

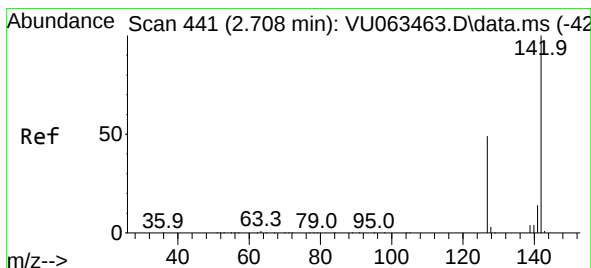
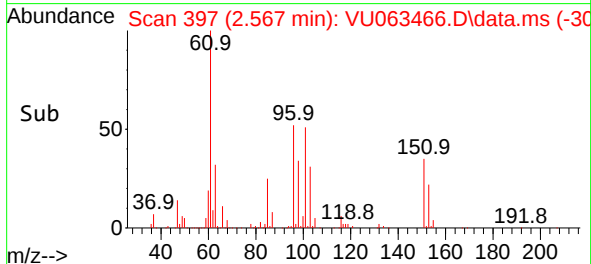
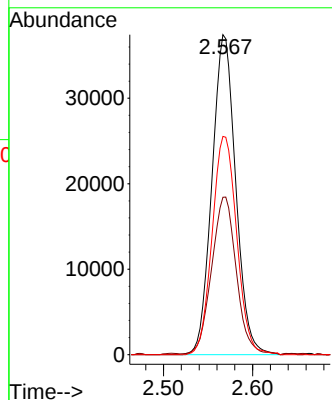
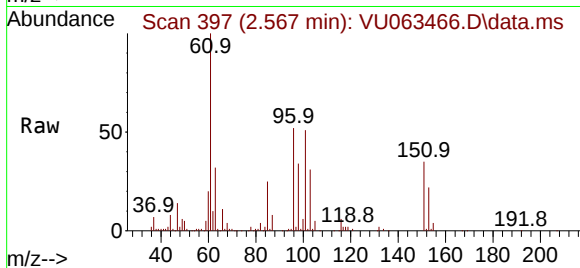




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.624 ug/l
RT: 2.567 min Scan# 398
Delta R.T. -0.003 min
Lab File: VU063466.D
Acq: 08 Jul 2025 15:49

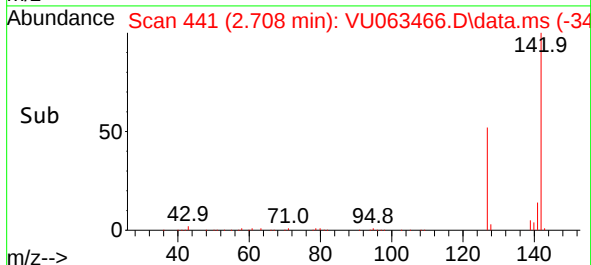
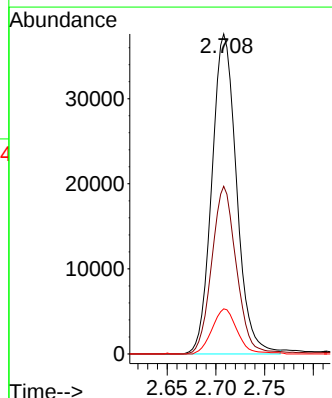
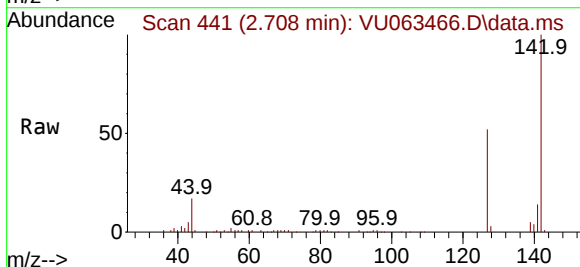
Instrument :
MSVOA_U
ClientSampleId :
ICVVU070825

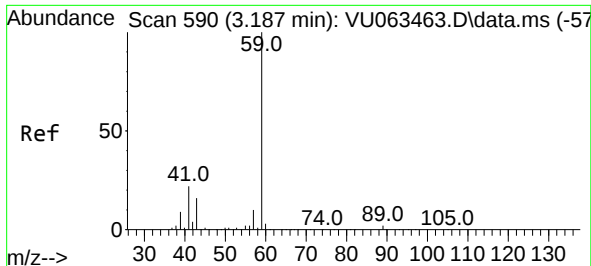
Tgt Ion:101 Resp: 69404
Ion Ratio Lower Upper
101 100
85 51.4 39.6 59.4
151 70.7 57.2 85.8



#10
Methyl Iodide
Concen: 44.448 ug/l
RT: 2.708 min Scan# 441
Delta R.T. -0.000 min
Lab File: VU063466.D
Acq: 08 Jul 2025 15:49

Tgt Ion:142 Resp: 66268
Ion Ratio Lower Upper
142 100
127 52.5 38.2 57.4
141 14.4 11.1 16.7

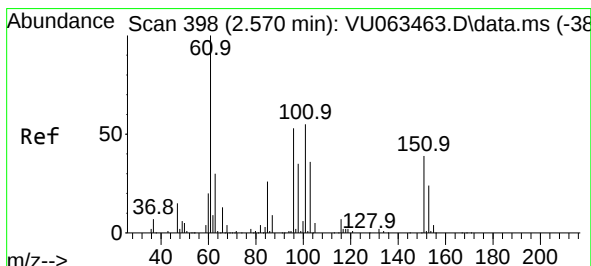
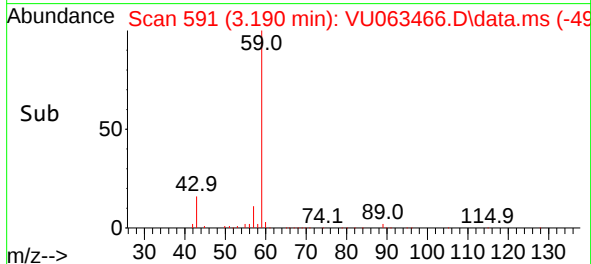
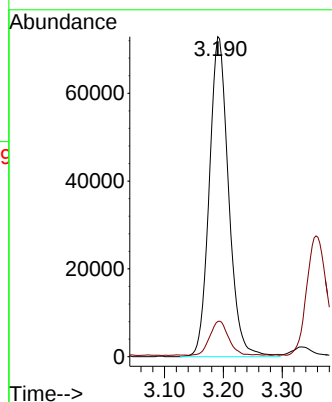
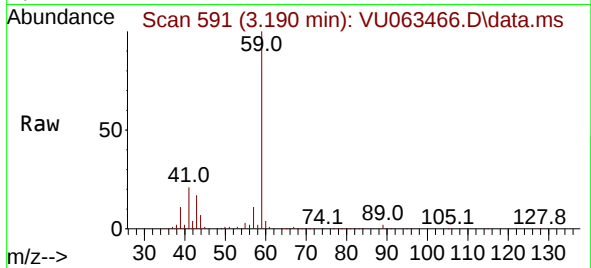




#11
Tert butyl alcohol
Concen: 279.327 ug/l
RT: 3.190 min Scan# 591
Delta R.T. 0.003 min
Lab File: VU063466.D
Acq: 08 Jul 2025 15:49

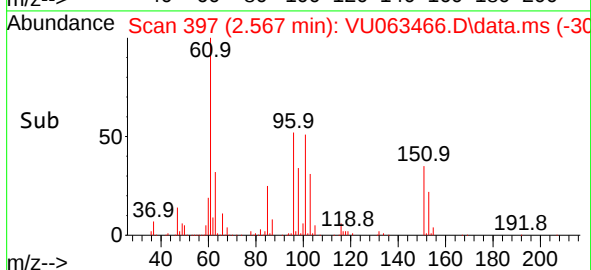
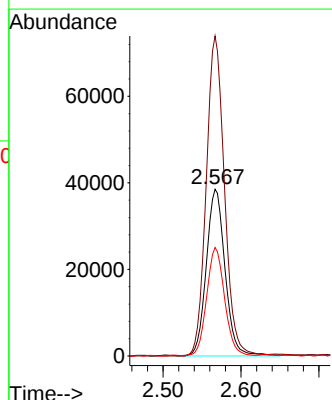
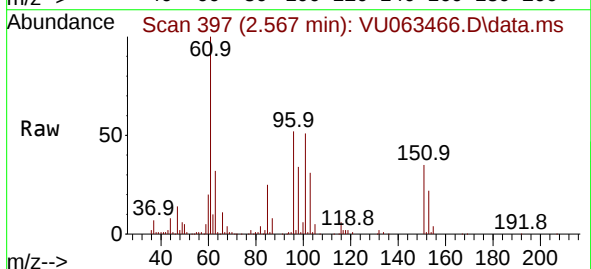
Instrument :
MSVOA_U
ClientSampleId :
ICVVU070825

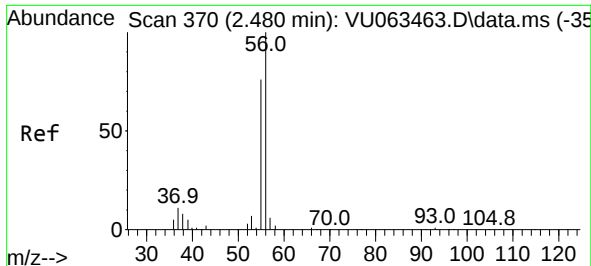
Tgt Ion: 59 Resp: 166410
Ion Ratio Lower Upper
59 100
57 10.3 8.8 13.2



#12
1,1-Dichloroethene
Concen: 48.653 ug/l
RT: 2.567 min Scan# 397
Delta R.T. -0.003 min
Lab File: VU063466.D
Acq: 08 Jul 2025 15:49

Tgt Ion: 96 Resp: 64645
Ion Ratio Lower Upper
96 100
61 191.9 149.6 224.4
98 64.7 52.0 78.0

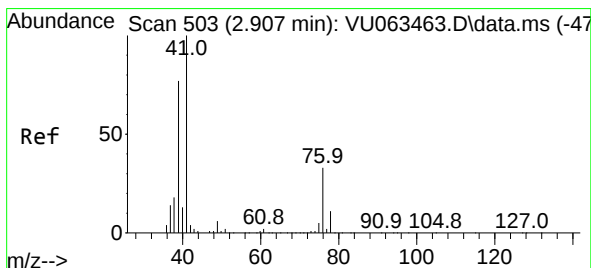
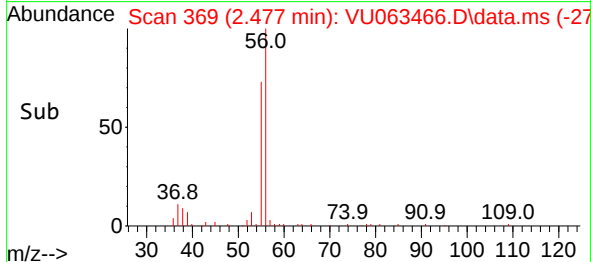
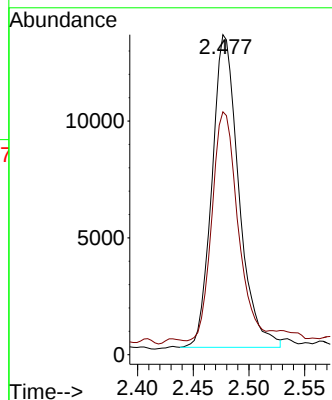
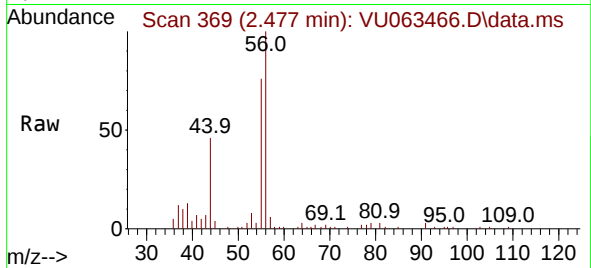




#13
Acrolein
Concen: 267.190 ug/l
RT: 2.477 min Scan# 30
Delta R.T. -0.003 min
Lab File: VU063466.D
Acq: 08 Jul 2025 15:49

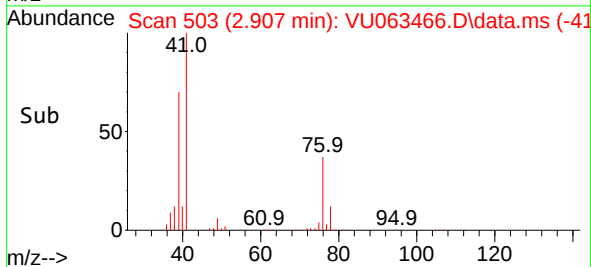
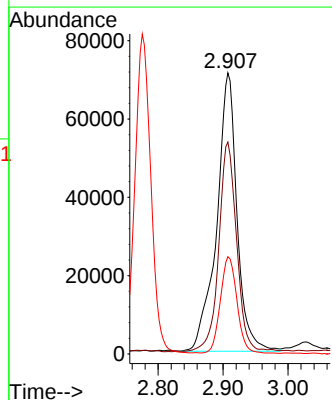
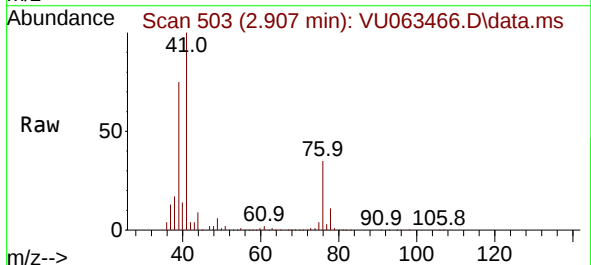
Instrument :
MSVOA_U
ClientSampleId :
ICVVU070825

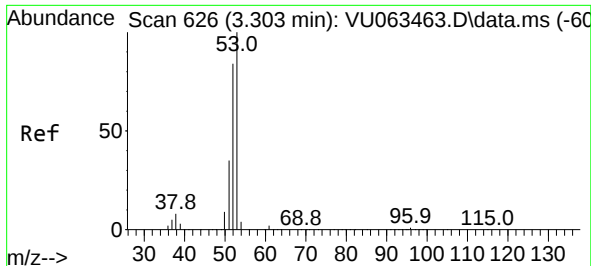
Tgt Ion: 56 Resp: 22468
Ion Ratio Lower Upper
56 100
55 71.0 60.2 90.2



#14
Allyl chloride
Concen: 48.801 ug/l
RT: 2.907 min Scan# 503
Delta R.T. -0.000 min
Lab File: VU063466.D
Acq: 08 Jul 2025 15:49

Tgt Ion: 41 Resp: 154344
Ion Ratio Lower Upper
41 100
39 65.1 53.9 80.9
76 28.2 23.1 34.7

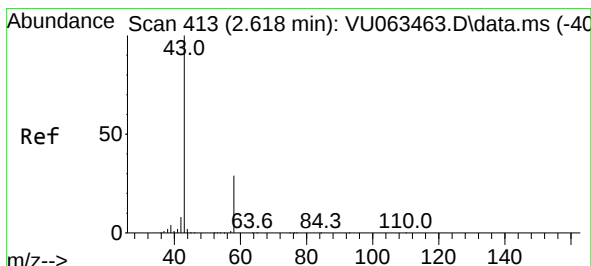
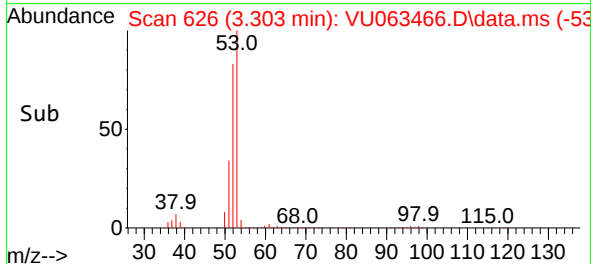
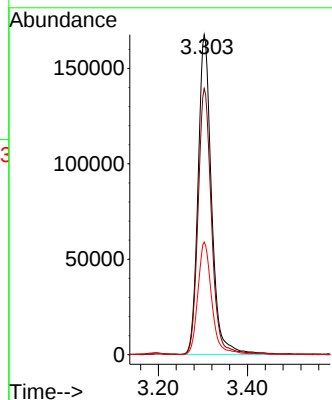
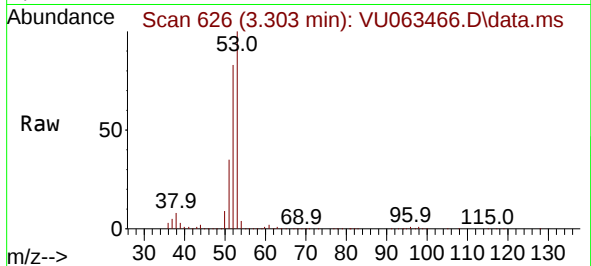




#15
Acrylonitrile
Concen: 276.882 ug/l
RT: 3.303 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU063466.D
Acq: 08 Jul 2025 15:49

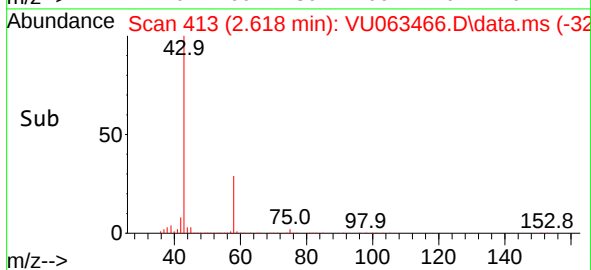
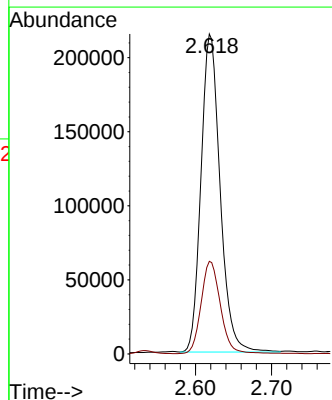
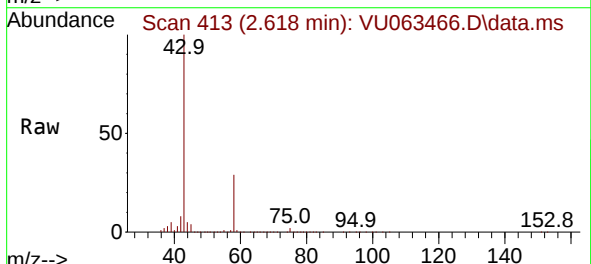
Instrument :
MSVOA_U
ClientSampleId :
ICVVU070825

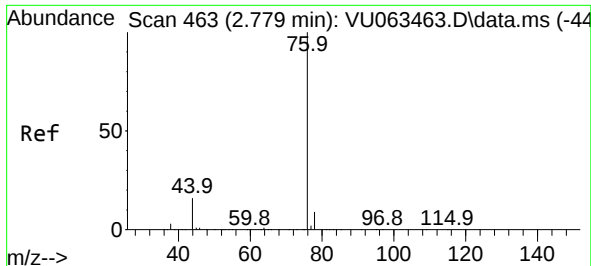
Tgt Ion: 53 Resp: 353331
Ion Ratio Lower Upper
53 100
52 83.2 65.0 97.4
51 36.0 28.8 43.2



#16
Acetone
Concen: 251.410 ug/l
RT: 2.618 min Scan# 413
Delta R.T. -0.000 min
Lab File: VU063466.D
Acq: 08 Jul 2025 15:49

Tgt Ion: 43 Resp: 374734
Ion Ratio Lower Upper
43 100
58 29.0 23.1 34.7

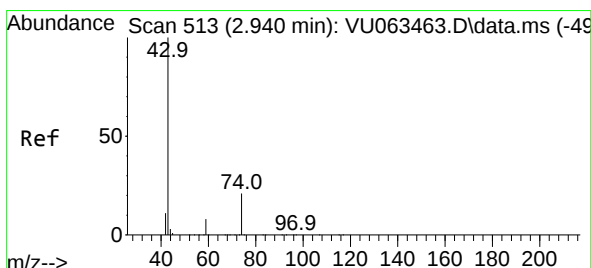
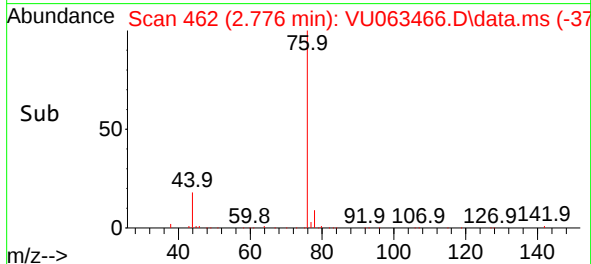
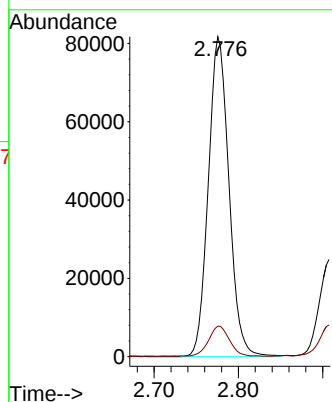
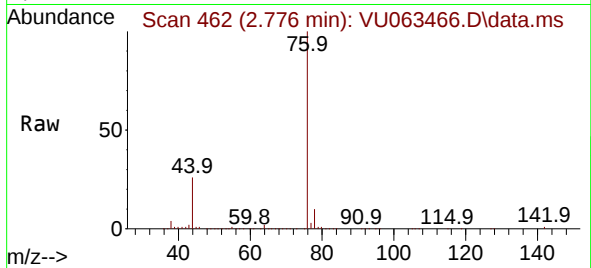




#17
Carbon Disulfide
Concen: 54.285 ug/l
RT: 2.776 min Scan# 463
Delta R.T. -0.003 min
Lab File: VU063466.D
Acq: 08 Jul 2025 15:49

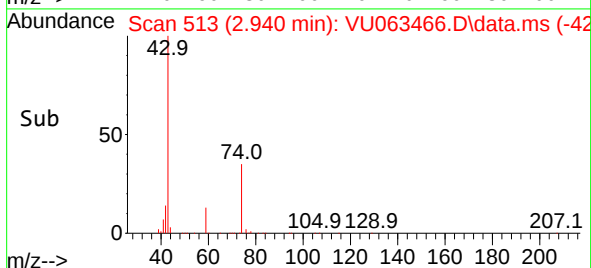
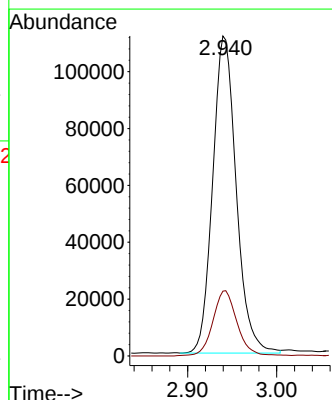
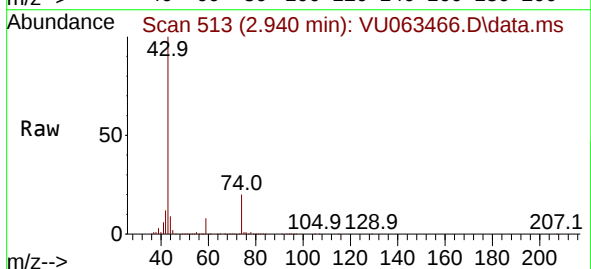
Instrument :
MSVOA_U
ClientSampleId :
ICVVU070825

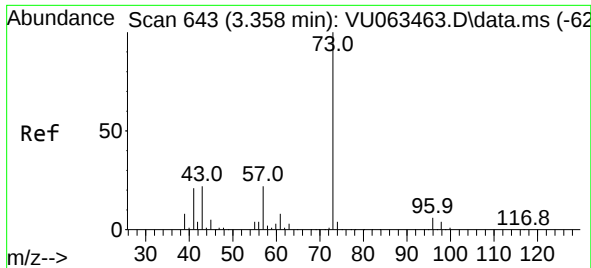
Tgt Ion: 76 Resp: 139141
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3



#18
Methyl Acetate
Concen: 53.350 ug/l
RT: 2.940 min Scan# 513
Delta R.T. -0.000 min
Lab File: VU063466.D
Acq: 08 Jul 2025 15:49

Tgt Ion: 43 Resp: 204643
Ion Ratio Lower Upper
43 100
74 21.3 17.3 25.9

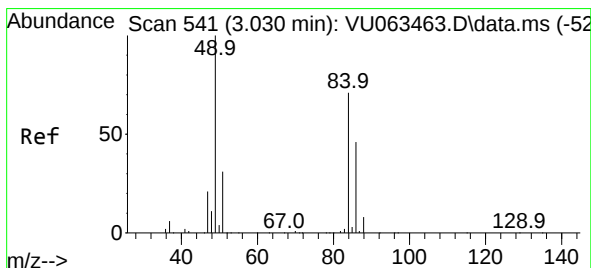
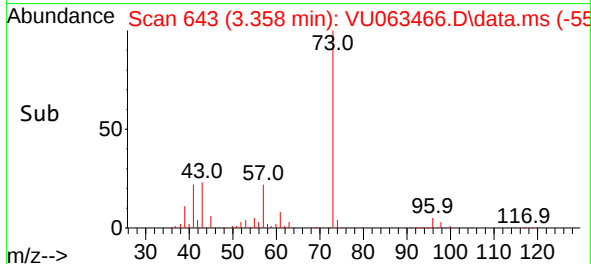
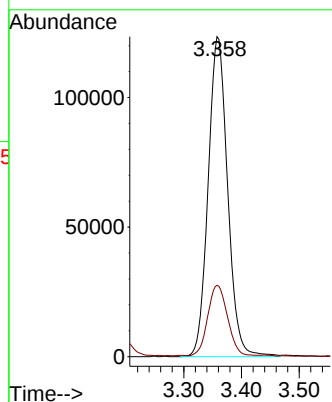
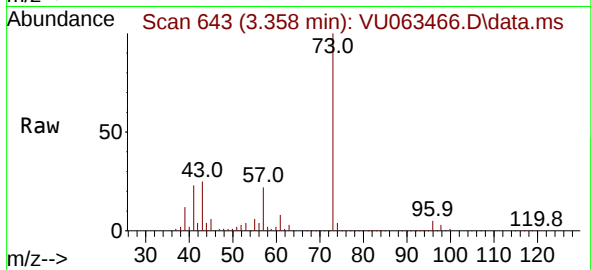




#19
Methyl tert-butyl Ether
Concen: 50.430 ug/l
RT: 3.358 min Scan# 643
Delta R.T. -0.000 min
Lab File: VU063466.D
Acq: 08 Jul 2025 15:49

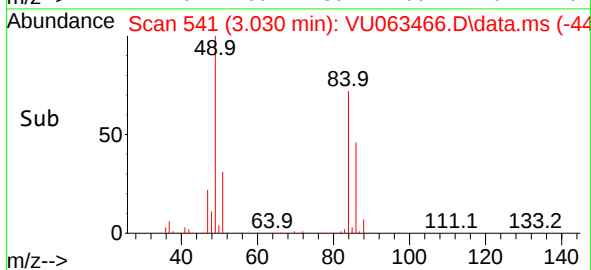
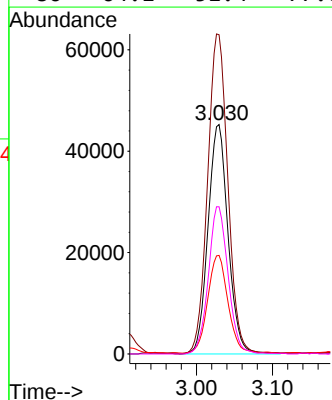
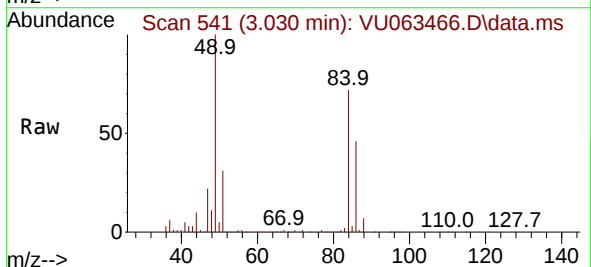
Instrument :
MSVOA_U
ClientSampleId :
ICVVU070825

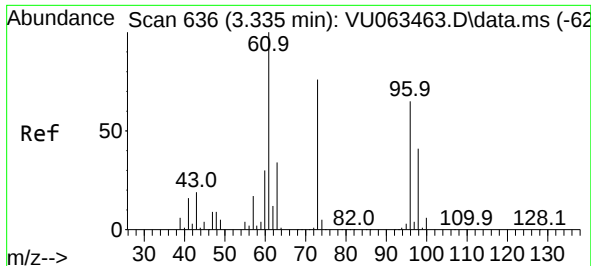
Tgt Ion: 73 Resp: 288982
Ion Ratio Lower Upper
73 100
57 22.0 17.8 26.6



#20
Methylene Chloride
Concen: 51.496 ug/l
RT: 3.030 min Scan# 541
Delta R.T. -0.000 min
Lab File: VU063466.D
Acq: 08 Jul 2025 15:49

Tgt Ion: 84 Resp: 83000
Ion Ratio Lower Upper
84 100
49 139.1 112.1 168.1
51 42.6 34.4 51.6
86 64.1 51.4 77.0

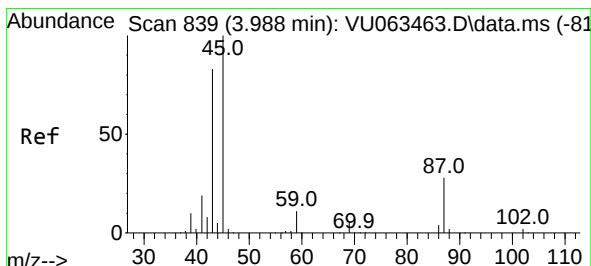
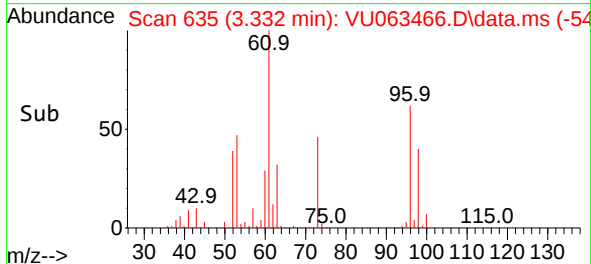
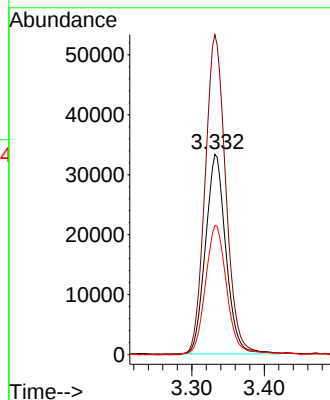
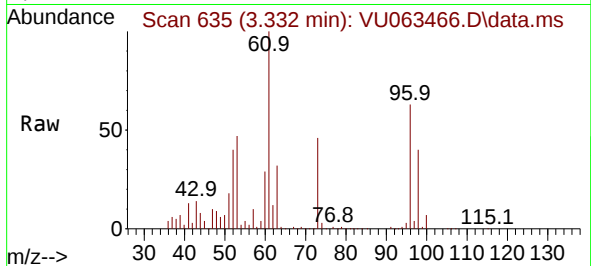




#21
trans-1,2-Dichloroethene
Concen: 52.606 ug/l
RT: 3.332 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU063466.D
Acq: 08 Jul 2025 15:49

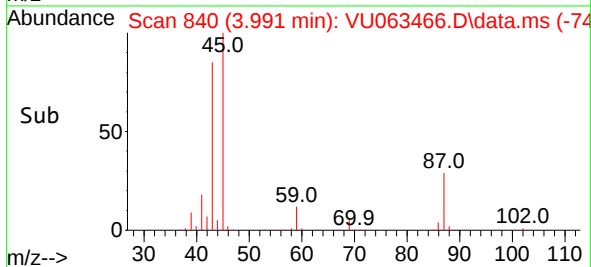
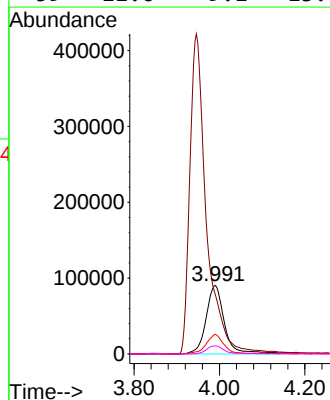
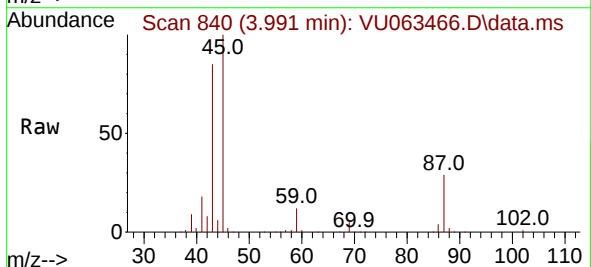
Instrument :
MSVOA_U
ClientSampleId :
ICVVU070825

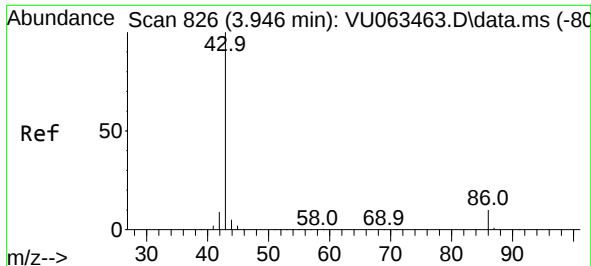
Tgt Ion: 96 Resp: 65236
Ion Ratio Lower Upper
96 100
61 160.4 122.2 183.4
98 64.4 49.9 74.9



#22
Diisopropyl ether
Concen: 49.927 ug/l
RT: 3.991 min Scan# 840
Delta R.T. 0.003 min
Lab File: VU063466.D
Acq: 08 Jul 2025 15:49

Tgt Ion: 45 Resp: 268867
Ion Ratio Lower Upper
45 100
43 84.2 66.5 99.7
87 28.6 22.6 33.8
59 11.6 9.1 13.7

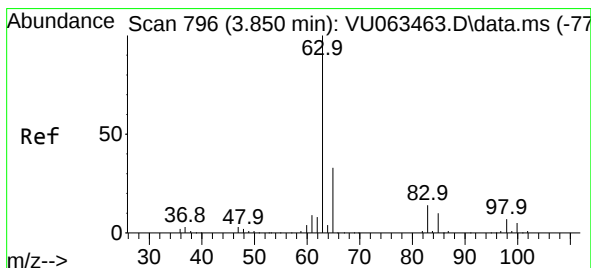
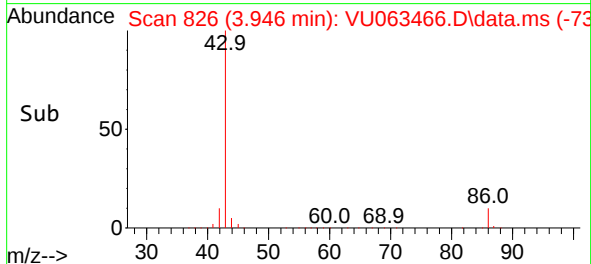
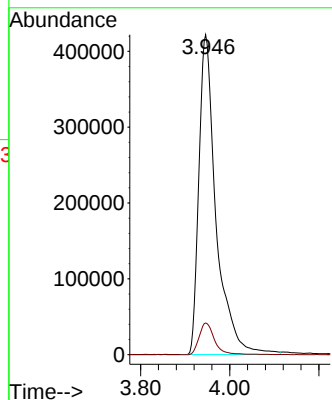
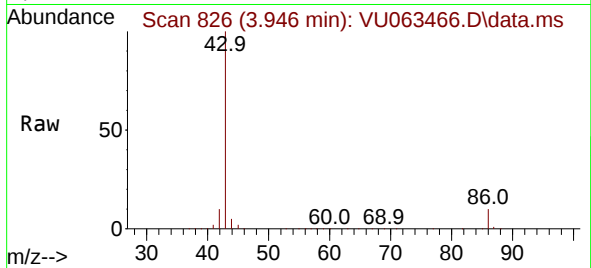




#23
 Vinyl Acetate
 Concen: 271.555 ug/l
 RT: 3.946 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU063466.D
 Acq: 08 Jul 2025 15:49

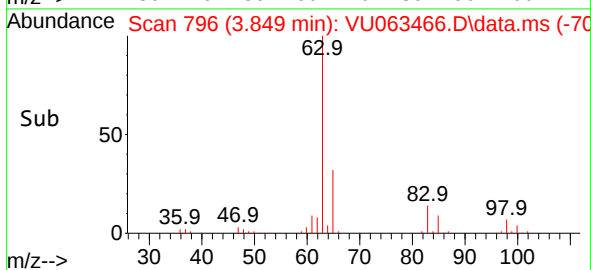
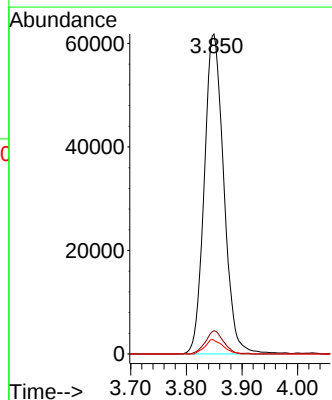
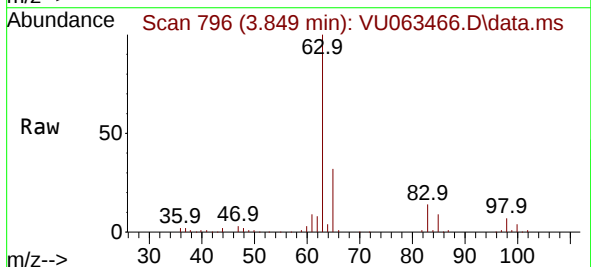
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU070825

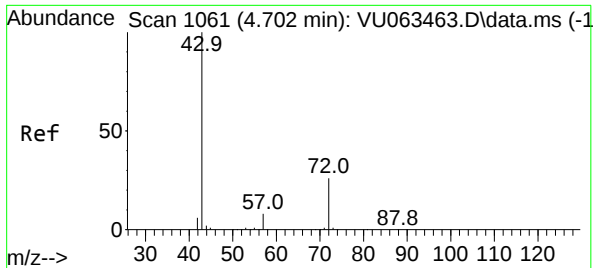
Tgt Ion: 43 Resp: 1134709
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 49.226 ug/l
 RT: 3.849 min Scan# 796
 Delta R.T. -0.000 min
 Lab File: VU063466.D
 Acq: 08 Jul 2025 15:49

Tgt Ion: 63 Resp: 150447
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.6 10.9
 100 4.3 2.3 6.8





#25

2-Butanone

Concen: 283.718 ug/l

RT: 4.702 min Scan# 1061

Delta R.T. -0.000 min

Lab File: VU063466.D

Acq: 08 Jul 2025 15:49

Instrument :

MSVOA_U

ClientSampleId :

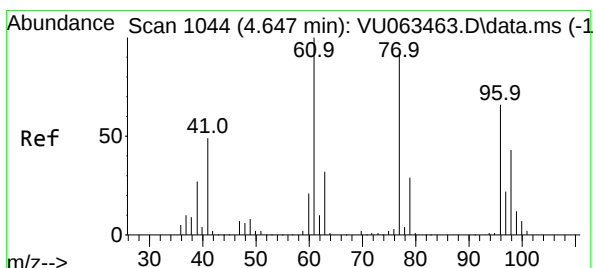
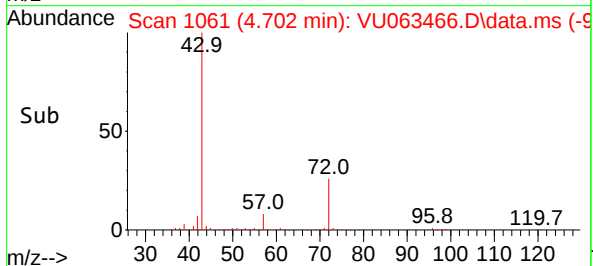
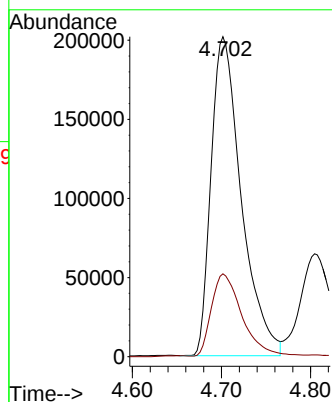
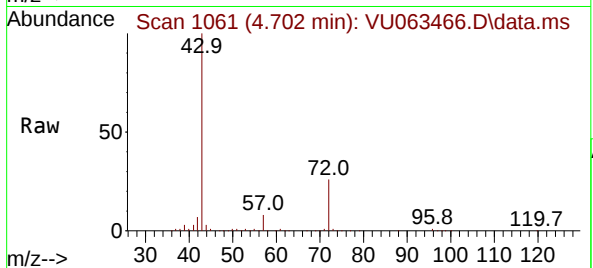
ICVVU070825

Tgt Ion: 43 Resp: 474735

Ion Ratio Lower Upper

43 100

72 25.7 20.7 31.1



#26

2,2-Dichloropropane

Concen: 49.979 ug/l

RT: 4.644 min Scan# 1043

Delta R.T. -0.003 min

Lab File: VU063466.D

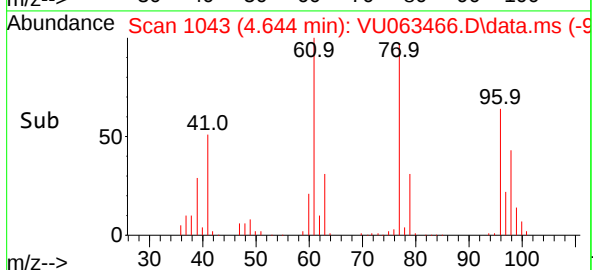
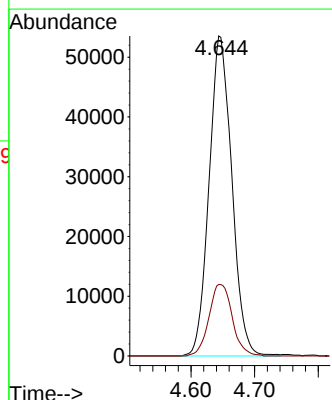
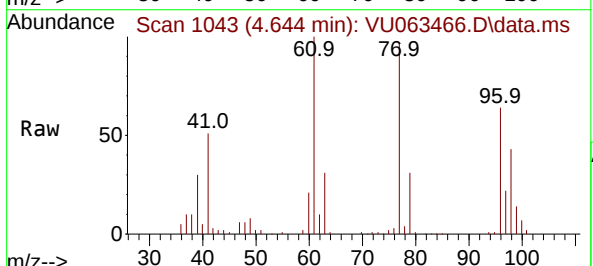
Acq: 08 Jul 2025 15:49

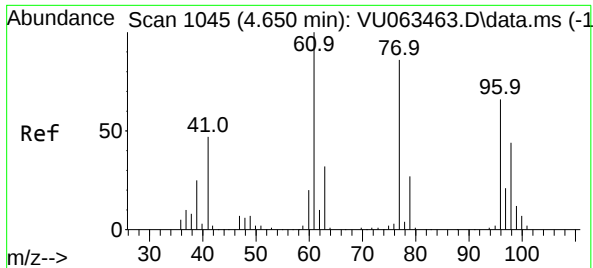
Tgt Ion: 77 Resp: 132893

Ion Ratio Lower Upper

77 100

97 22.9 11.8 35.3

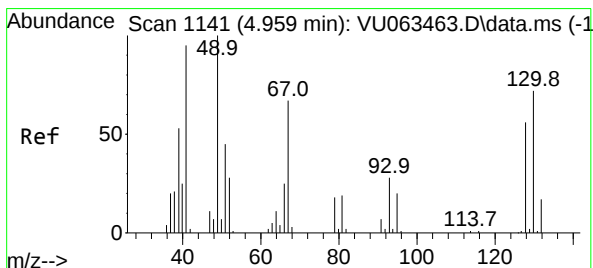
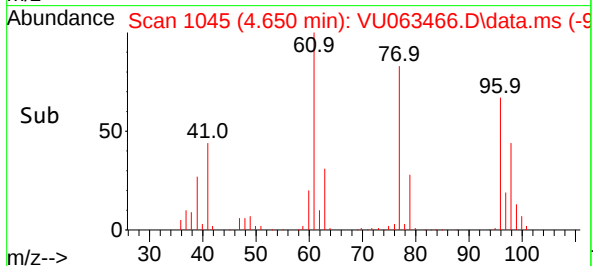
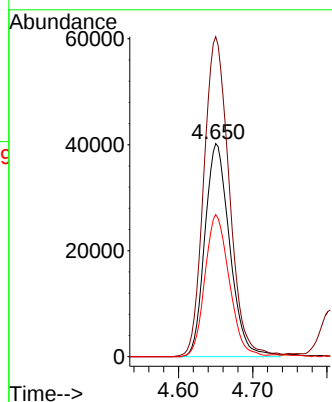
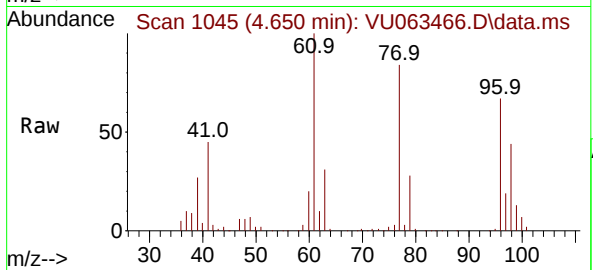




#27
 cis-1,2-Dichloroethene
 Concen: 49.692 ug/l
 RT: 4.650 min Scan# 1045
 Delta R.T. -0.000 min
 Lab File: VU063466.D
 Acq: 08 Jul 2025 15:49

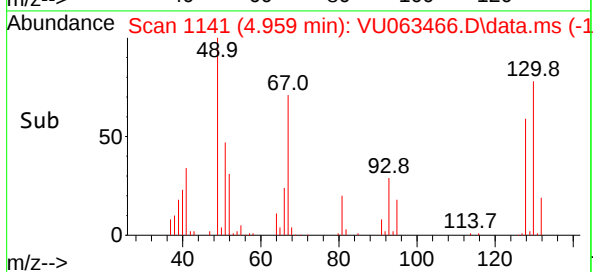
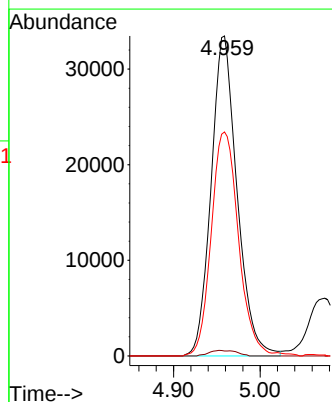
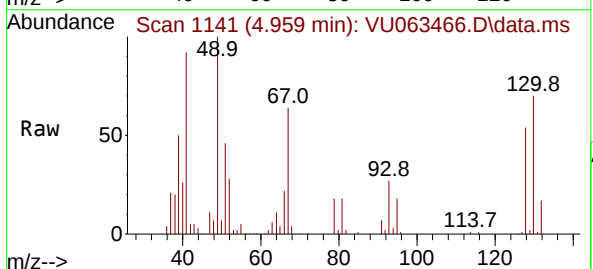
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU070825

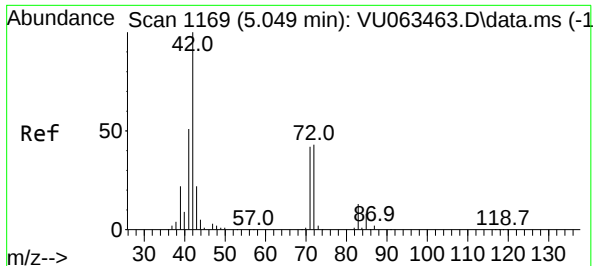
Tgt Ion: 96 Resp: 93631
 Ion Ratio Lower Upper
 96 100
 61 153.0 0.0 307.2
 98 65.2 0.0 133.0



#28
 Bromochloromethane
 Concen: 48.555 ug/l
 RT: 4.959 min Scan# 1141
 Delta R.T. -0.000 min
 Lab File: VU063466.D
 Acq: 08 Jul 2025 15:49

Tgt Ion: 49 Resp: 69709
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.8
 130 73.1 59.0 88.4





#29

Tetrahydrofuran

Concen: 279.235 ug/l

RT: 5.049 min Scan# 1169

Delta R.T. -0.000 min

Lab File: VU063466.D

Acq: 08 Jul 2025 15:49

Instrument :

MSVOA_U

ClientSampleId :

ICVVU070825

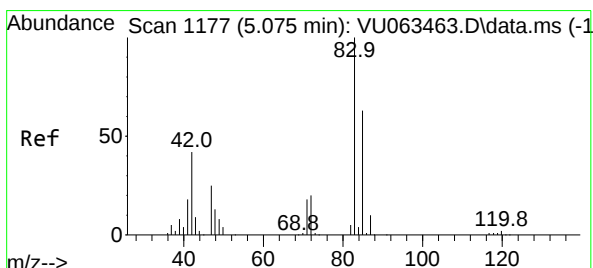
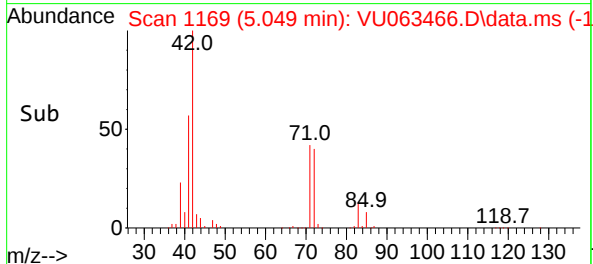
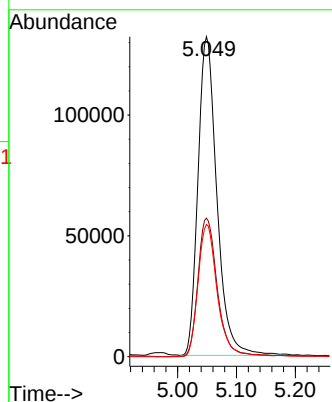
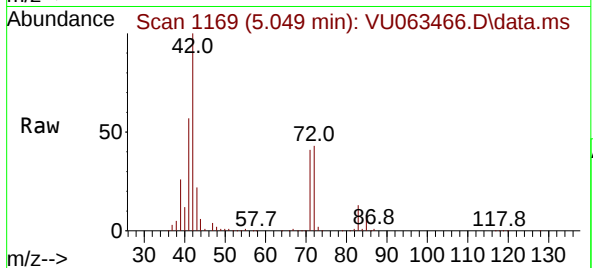
Tgt Ion: 42 Resp: 294737

Ion Ratio Lower Upper

42 100

72 45.0 36.2 54.4

71 42.2 33.3 49.9



#30

Chloroform

Concen: 48.987 ug/l

RT: 5.071 min Scan# 1176

Delta R.T. -0.003 min

Lab File: VU063466.D

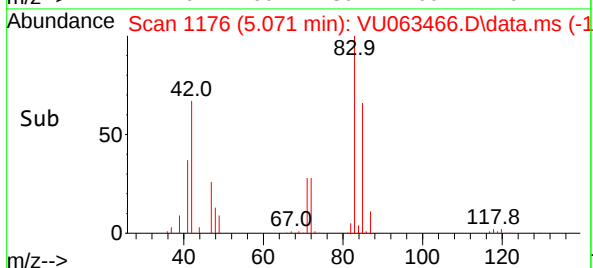
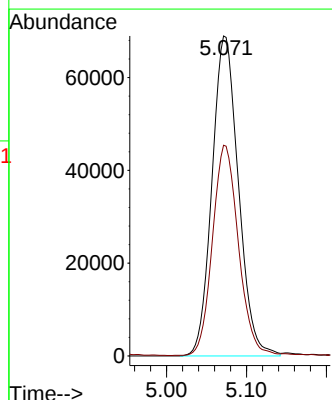
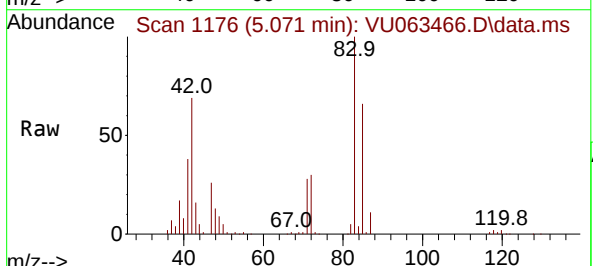
Acq: 08 Jul 2025 15:49

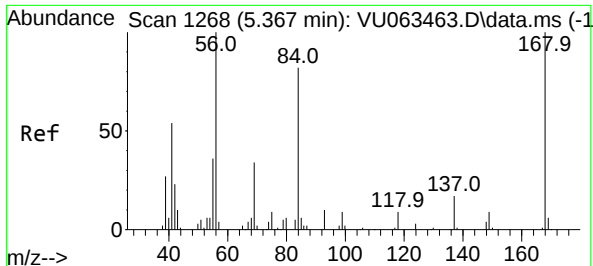
Tgt Ion: 83 Resp: 158067

Ion Ratio Lower Upper

83 100

85 65.7 50.7 76.1





#31

Cyclohexane

Concen: 47.096 ug/l

RT: 5.367 min Scan# 1268

Delta R.T. -0.000 min

Lab File: VU063466.D

Acq: 08 Jul 2025 15:49

Instrument :

MSVOA_U

ClientSampleId :

ICVVU070825

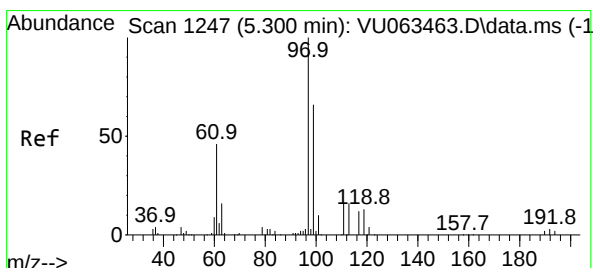
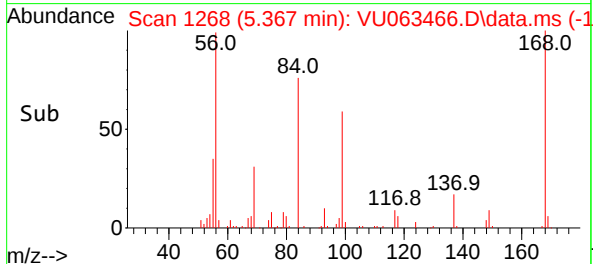
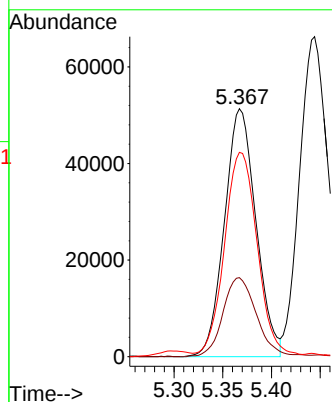
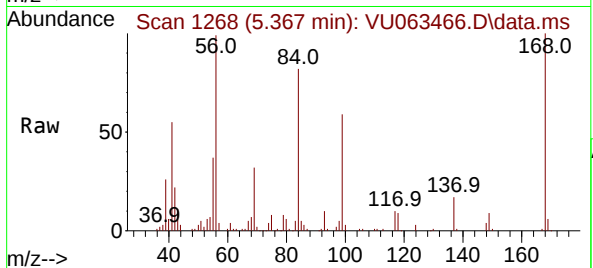
Tgt Ion: 56 Resp: 115711

Ion Ratio Lower Upper

56 100

69 31.9 27.0 40.4

84 80.5 65.7 98.5



#32

1,1,1-Trichloroethane

Concen: 50.275 ug/l

RT: 5.300 min Scan# 1247

Delta R.T. -0.000 min

Lab File: VU063466.D

Acq: 08 Jul 2025 15:49

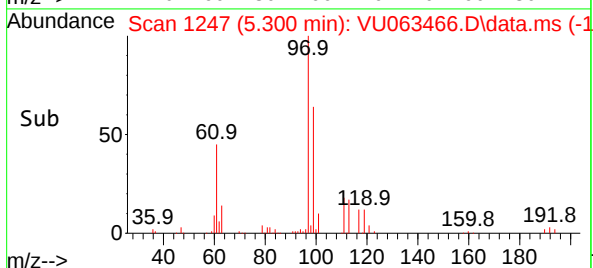
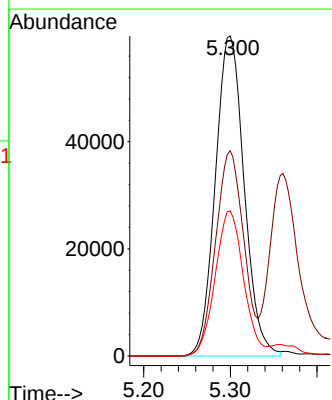
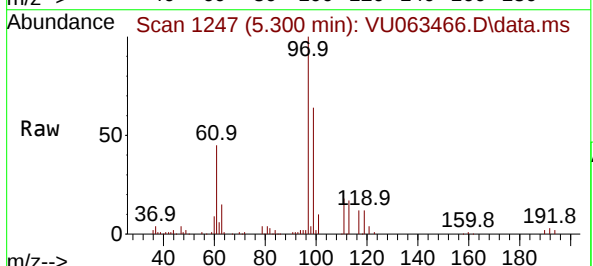
Tgt Ion: 97 Resp: 138128

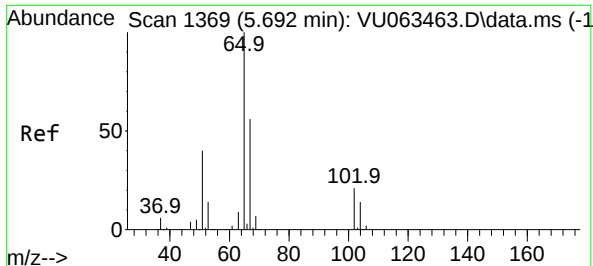
Ion Ratio Lower Upper

97 100

99 62.8 50.4 75.6

61 44.7 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 46.492 ug/l

RT: 5.692 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063466.D

Acq: 08 Jul 2025 15:49

Instrument :

MSVOA_U

ClientSampleId :

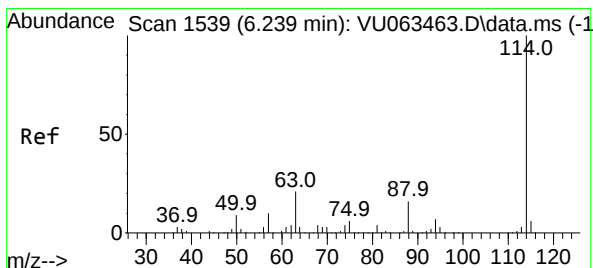
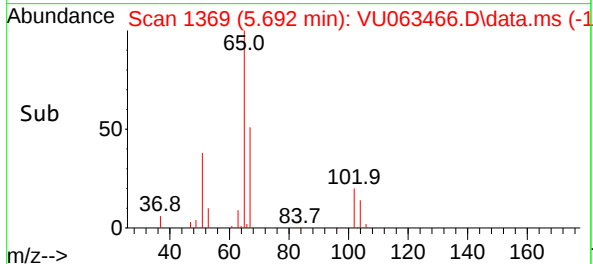
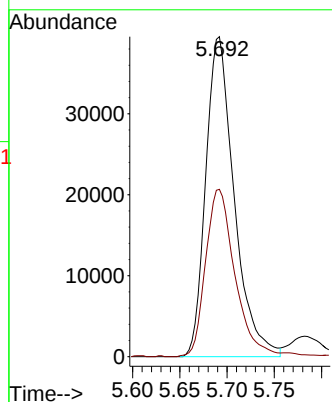
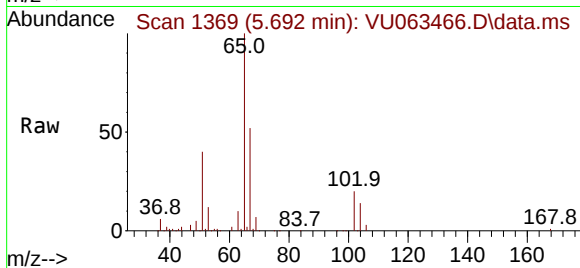
ICVVU070825

Tgt Ion: 65 Resp: 82609

Ion Ratio Lower Upper

65 100

67 53.7 0.0 107.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.238 min Scan# 1539

Delta R.T. -0.000 min

Lab File: VU063466.D

Acq: 08 Jul 2025 15:49

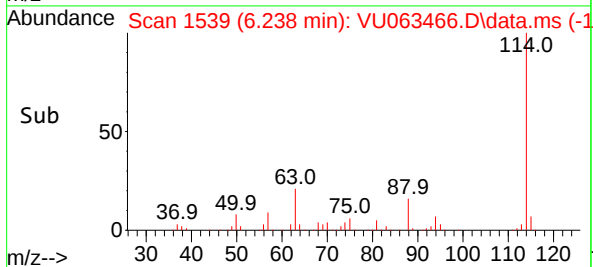
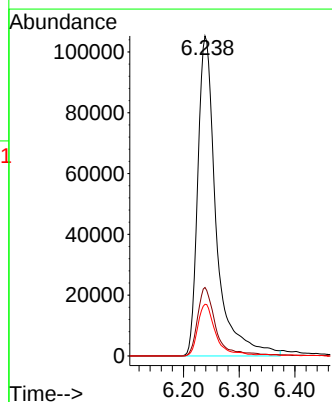
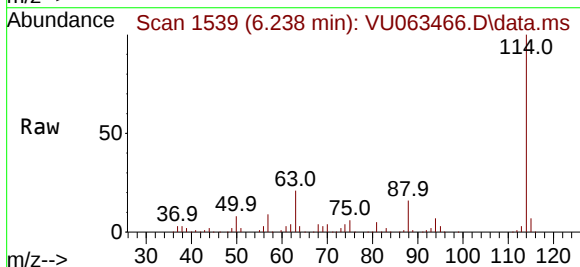
Tgt Ion: 114 Resp: 242484

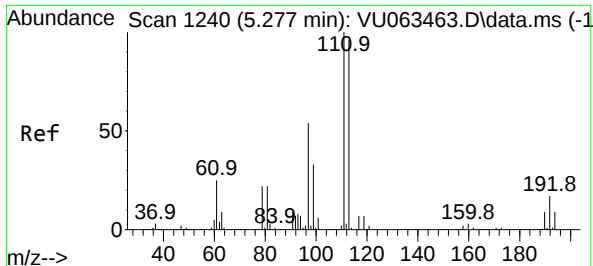
Ion Ratio Lower Upper

114 100

63 21.4 0.0 41.6

88 16.1 0.0 32.0

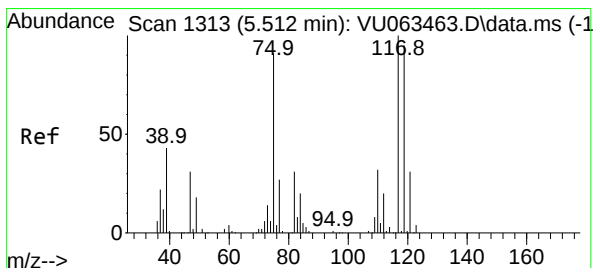
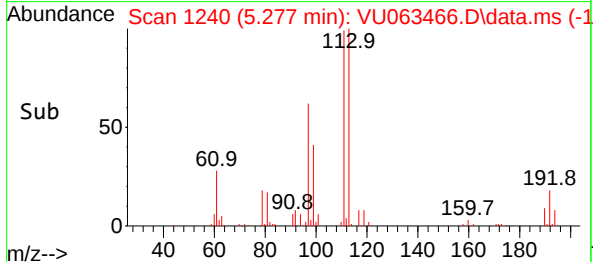
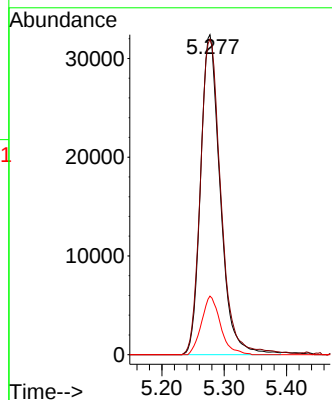
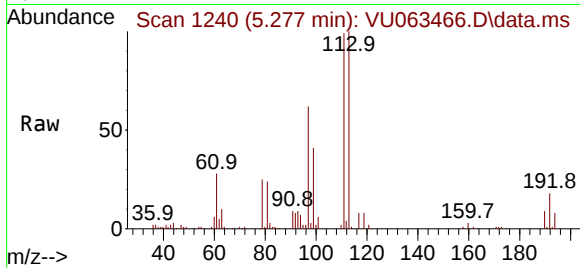




#35
Dibromofluoromethane
Concen: 48.484 ug/l
RT: 5.277 min Scan# 1113
Delta R.T. -0.000 min
Lab File: VU063466.D
Acq: 08 Jul 2025 15:49

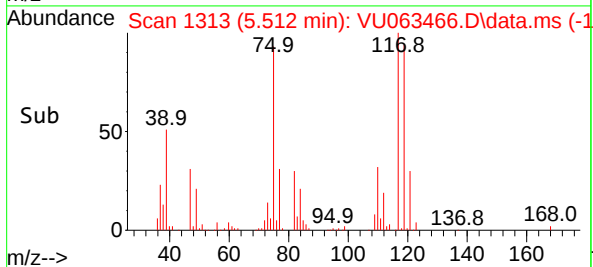
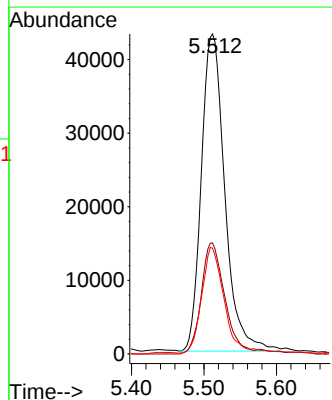
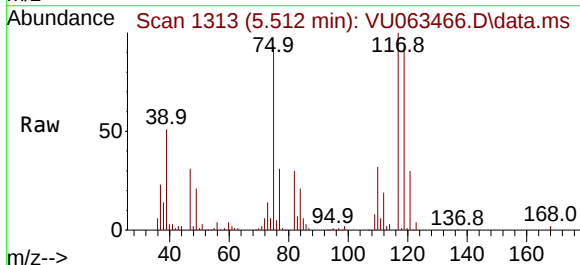
Instrument :
MSVOA_U
ClientSampleId :
ICVVU070825

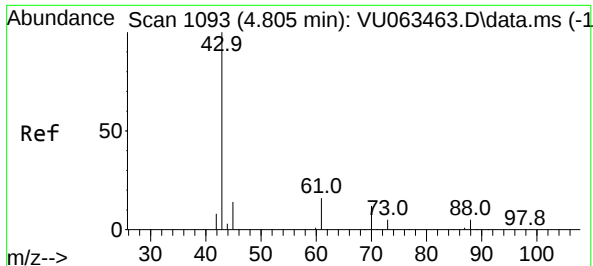
Tgt Ion:113 Resp: 70867
Ion Ratio Lower Upper
113 100
111 103.2 82.1 123.1
192 17.8 14.3 21.5



#36
1,1-Dichloropropene
Concen: 48.895 ug/l
RT: 5.512 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VU063466.D
Acq: 08 Jul 2025 15:49

Tgt Ion: 75 Resp: 97108
Ion Ratio Lower Upper
75 100
110 34.7 17.3 52.0
77 30.8 23.9 35.9

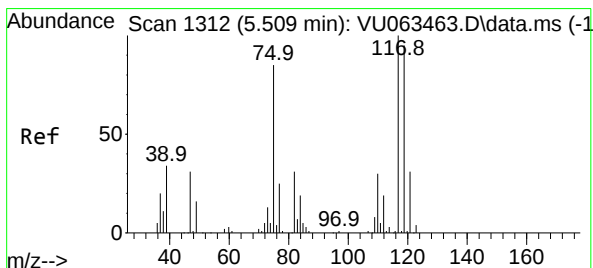
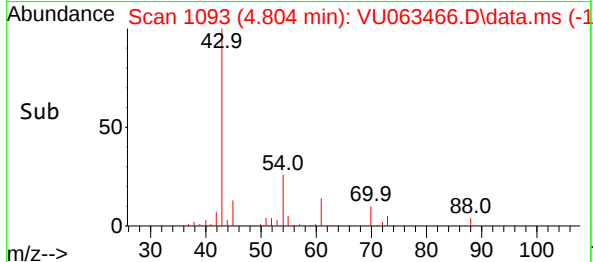
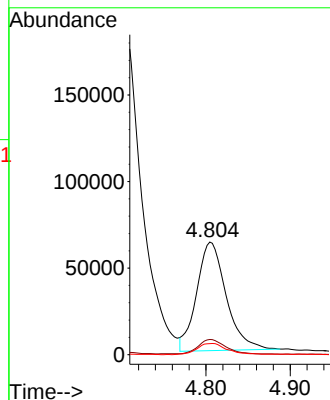
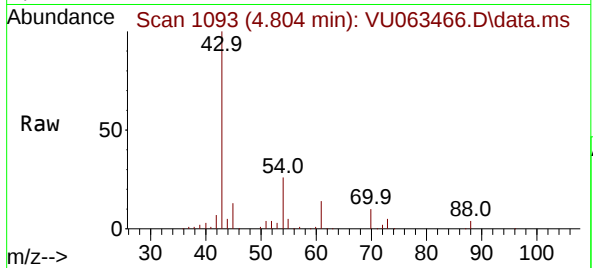




#37
Ethyl Acetate
Concen: 47.584 ug/l
RT: 4.804 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VU063466.D
Acq: 08 Jul 2025 15:49

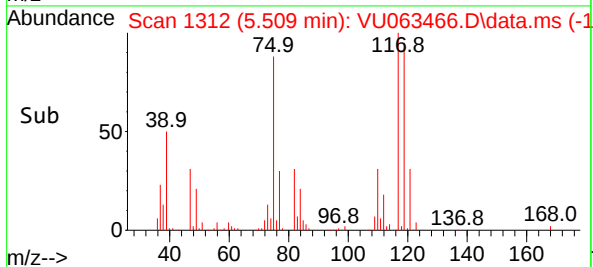
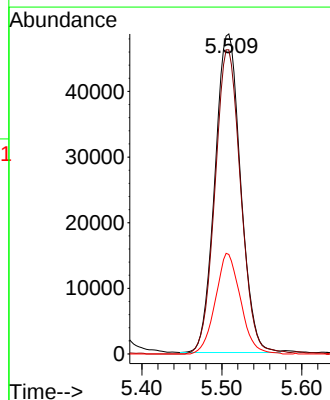
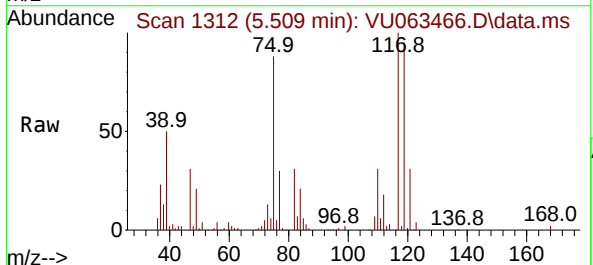
Instrument :
MSVOA_U
ClientSampleId :
ICVVU070825

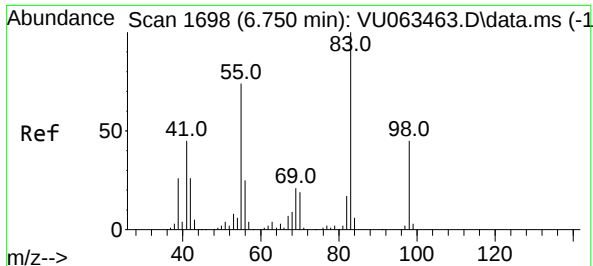
Tgt Ion: 43 Resp: 153050
Ion Ratio Lower Upper
43 100
61 12.7 10.4 15.6
70 10.6 7.8 11.8



#38
Carbon Tetrachloride
Concen: 49.417 ug/l
RT: 5.509 min Scan# 1312
Delta R.T. -0.000 min
Lab File: VU063466.D
Acq: 08 Jul 2025 15:49

Tgt Ion: 117 Resp: 108140
Ion Ratio Lower Upper
117 100
119 95.5 76.1 114.1
121 31.2 25.0 37.4





#39

Methylcyclohexane

Concen: 47.286 ug/l

RT: 6.746 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU063466.D

Acq: 08 Jul 2025 15:49

Instrument :

MSVOA_U

ClientSampleId :

ICVVU070825

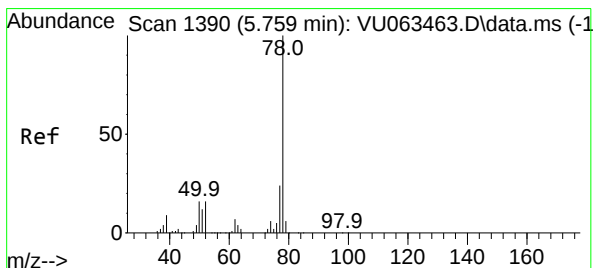
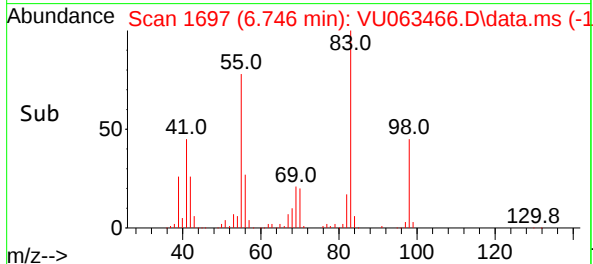
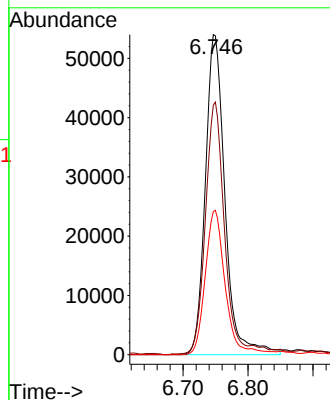
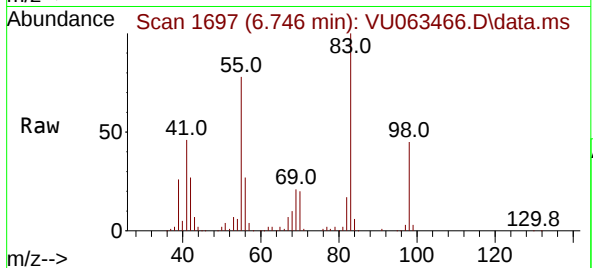
Tgt Ion: 83 Resp: 113474

Ion Ratio Lower Upper

83 100

55 77.7 59.4 89.2

98 44.7 36.2 54.4



#40

Benzene

Concen: 51.569 ug/l

RT: 5.759 min Scan# 1390

Delta R.T. -0.000 min

Lab File: VU063466.D

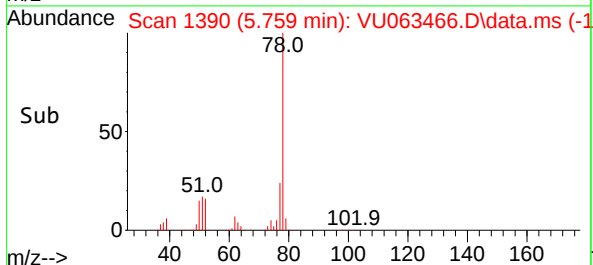
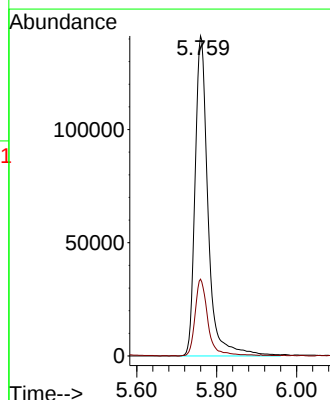
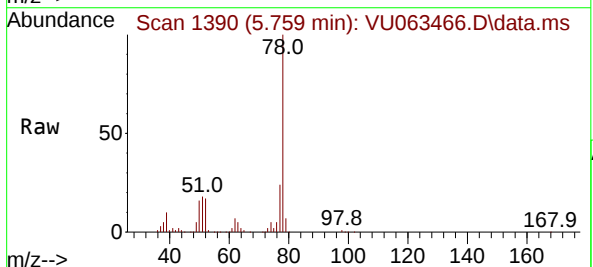
Acq: 08 Jul 2025 15:49

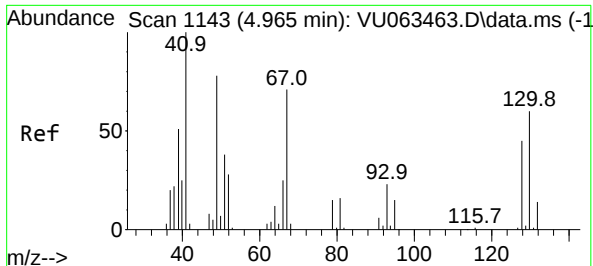
Tgt Ion: 78 Resp: 319860

Ion Ratio Lower Upper

78 100

77 23.9 19.0 28.4

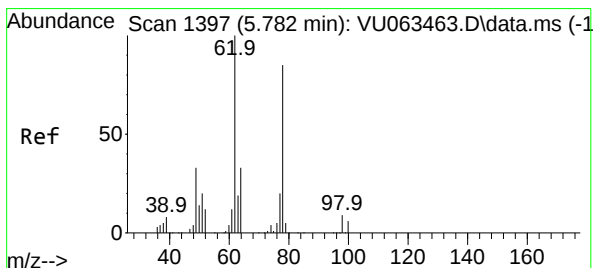
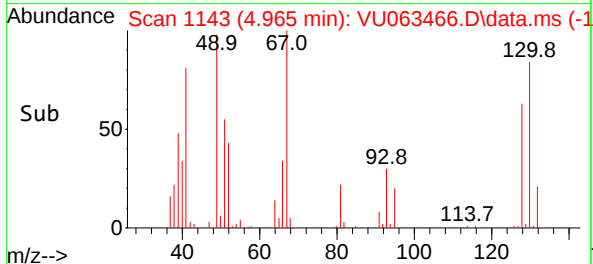
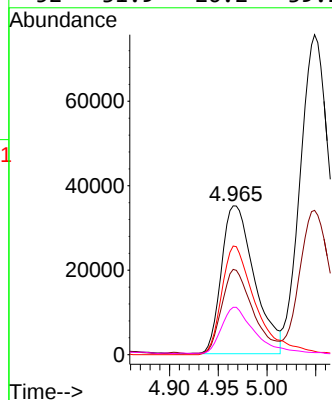
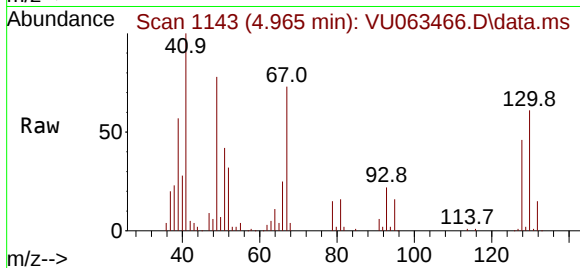




#41
Methacrylonitrile
Concen: 54.360 ug/l
RT: 4.965 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VU063466.D
Acq: 08 Jul 2025 15:49

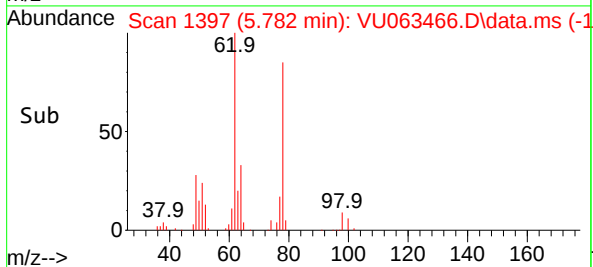
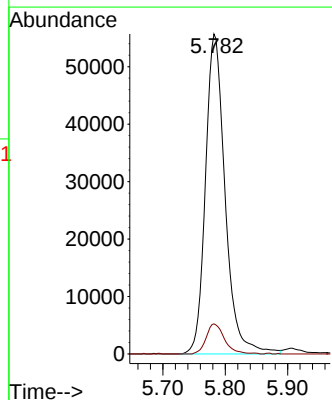
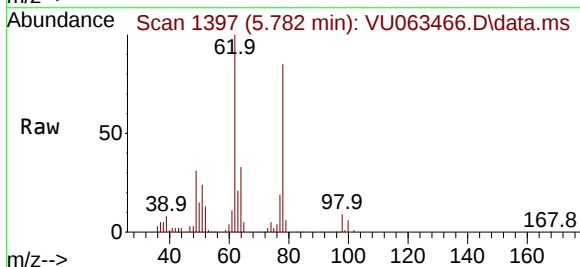
Instrument :
MSVOA_U
ClientSampleId :
ICVVU070825

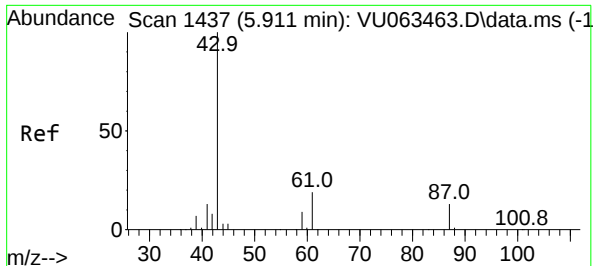
Tgt Ion:	41	Resp:	82503
Ion	Ratio	Lower	Upper
41	100		
39	54.0	43.6	65.4
67	76.3	62.8	94.2
52	31.9	26.2	39.2



#42
1,2-Dichloroethane
Concen: 52.412 ug/l
RT: 5.782 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VU063466.D
Acq: 08 Jul 2025 15:49

Tgt Ion:	62	Resp:	122240
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.6

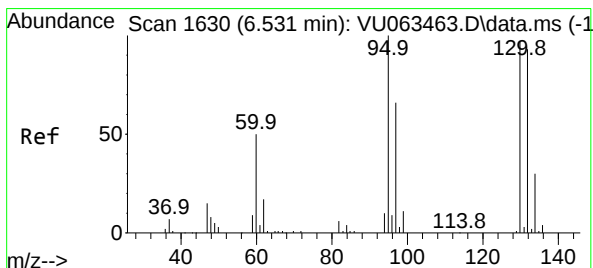
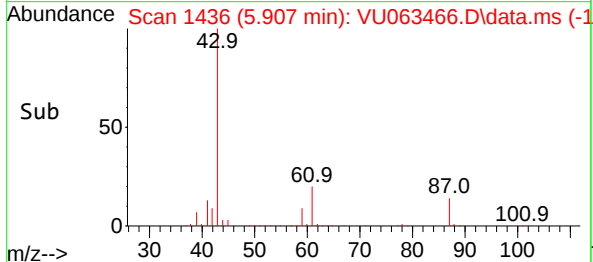
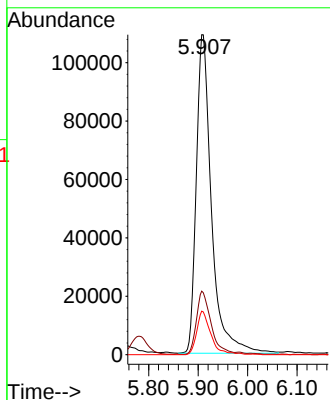
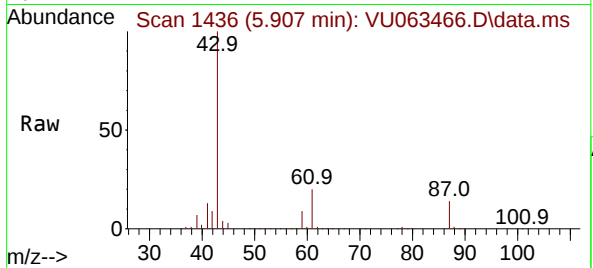




#43
Isopropyl Acetate
Concen: 54.781 ug/l
RT: 5.907 min Scan# 1437
Delta R.T. -0.003 min
Lab File: VU063466.D
Acq: 08 Jul 2025 15:49

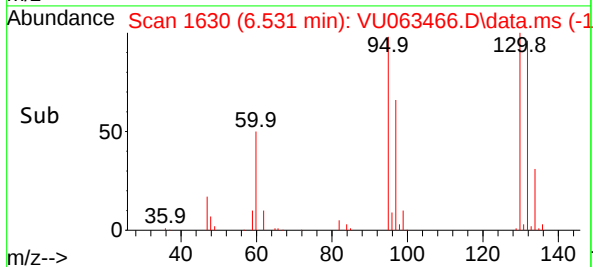
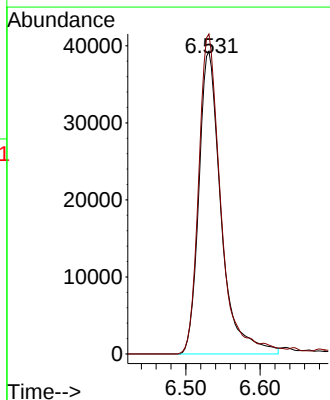
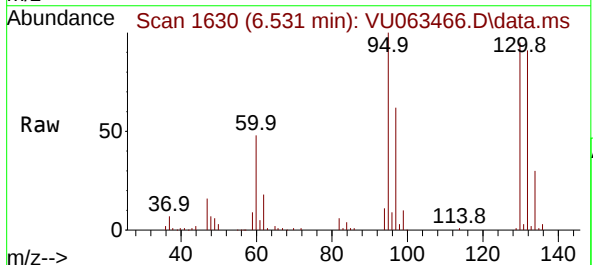
Instrument :
MSVOA_U
ClientSampleId :
ICVVU070825

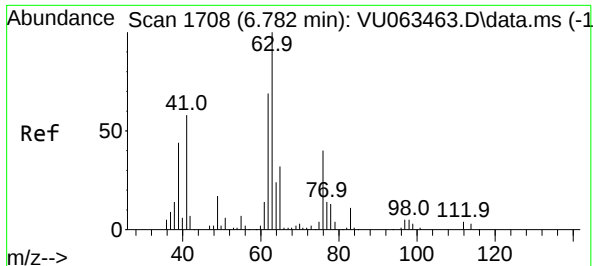
Tgt Ion: 43 Resp: 234042
Ion Ratio Lower Upper
43 100
61 18.9 15.4 23.2
87 12.5 10.5 15.7



#44
Trichloroethene
Concen: 49.226 ug/l
RT: 6.531 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VU063466.D
Acq: 08 Jul 2025 15:49

Tgt Ion: 130 Resp: 81709
Ion Ratio Lower Upper
130 100
95 105.7 0.0 206.4





#45

1,2-Dichloropropane

Concen: 50.767 ug/l

RT: 6.779 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU063466.D

Acq: 08 Jul 2025 15:49

Instrument :

MSVOA_U

ClientSampleId :

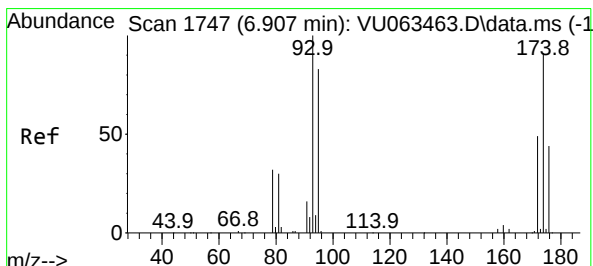
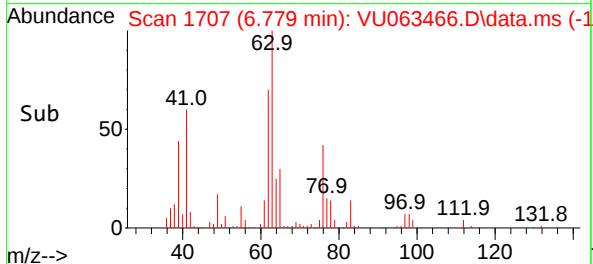
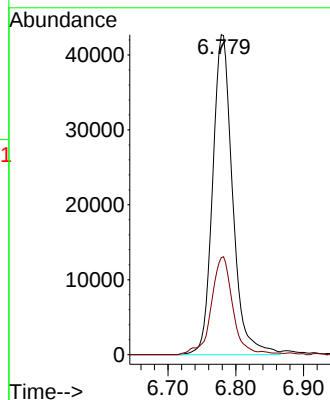
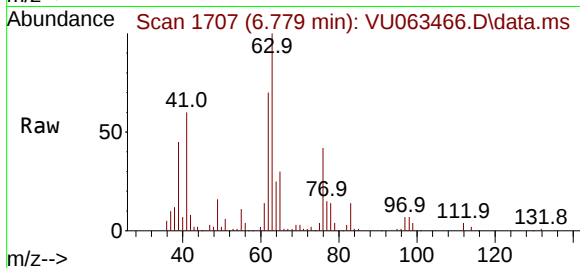
ICVVU070825

Tgt Ion: 63 Resp: 87536

Ion Ratio Lower Upper

63 100

65 30.1 25.3 37.9



#46

Dibromomethane

Concen: 52.263 ug/l

RT: 6.907 min Scan# 1747

Delta R.T. -0.000 min

Lab File: VU063466.D

Acq: 08 Jul 2025 15:49

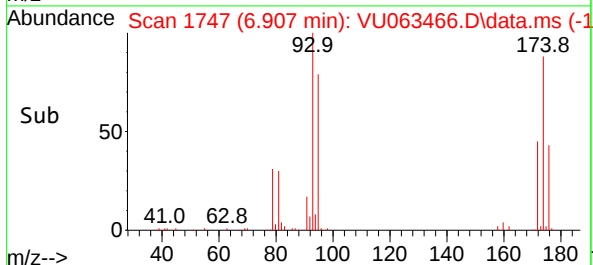
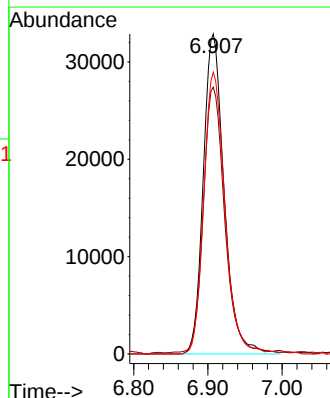
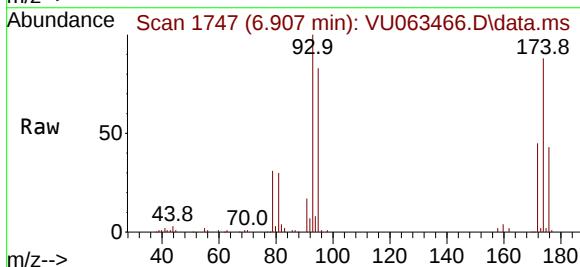
Tgt Ion: 93 Resp: 64117

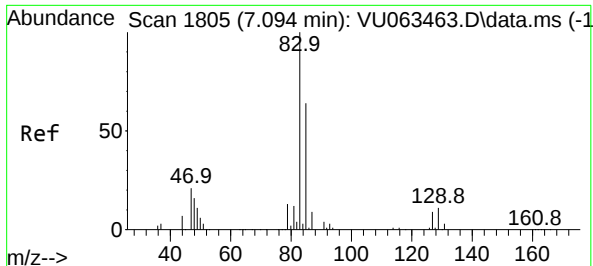
Ion Ratio Lower Upper

93 100

95 84.4 67.5 101.3

174 89.0 73.1 109.7





#47

Bromodichloromethane

Concen: 50.610 ug/l

RT: 7.094 min Scan# 1805

Delta R.T. -0.000 min

Lab File: VU063466.D

Acq: 08 Jul 2025 15:49

Instrument :

MSVOA_U

ClientSampleId :

ICVVU070825

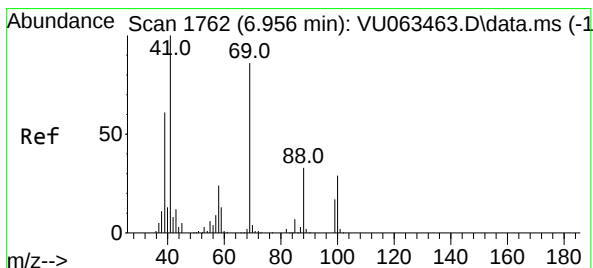
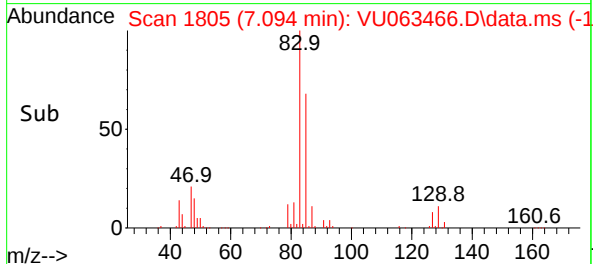
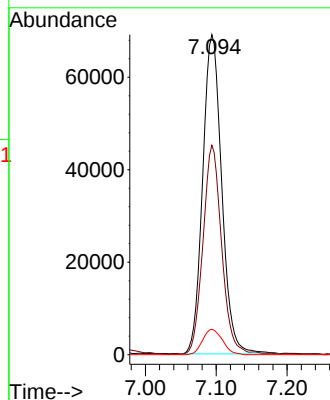
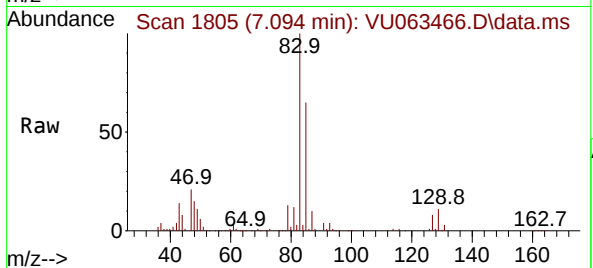
Tgt Ion: 83 Resp: 129105

Ion Ratio Lower Upper

83 100

85 65.4 51.4 77.0

127 8.0 7.0 10.4



#48

Methyl methacrylate

Concen: 53.910 ug/l

RT: 6.955 min Scan# 1762

Delta R.T. -0.000 min

Lab File: VU063466.D

Acq: 08 Jul 2025 15:49

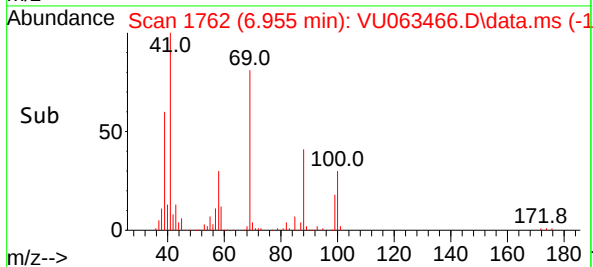
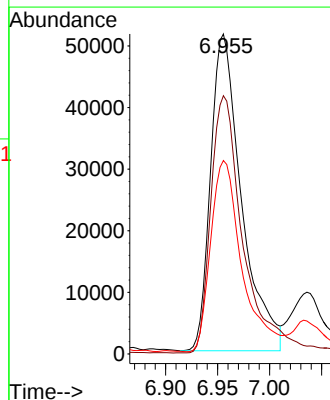
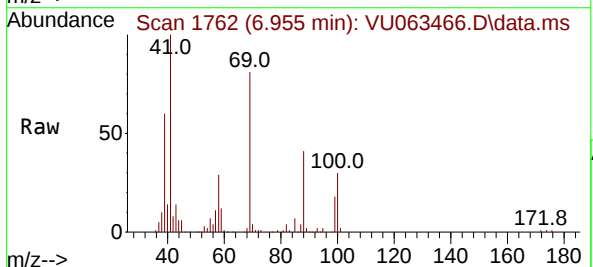
Tgt Ion: 41 Resp: 106451

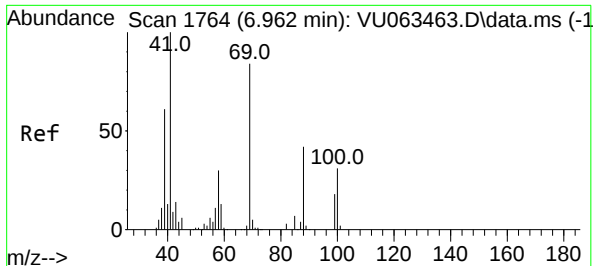
Ion Ratio Lower Upper

41 100

69 86.1 69.8 104.8

39 61.1 48.3 72.5





#49

1,4-Dioxane

Concen: 1175.066 ug/l

RT: 6.962 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063466.D

Acq: 08 Jul 2025 15:49

Instrument :

MSVOA_U

ClientSampleId :

ICVVU070825

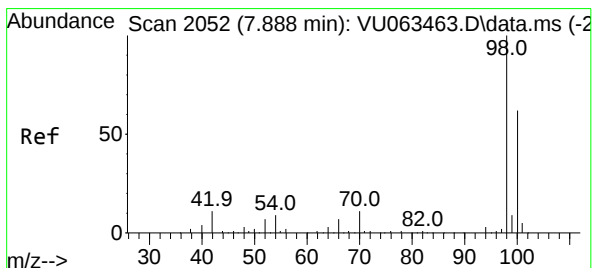
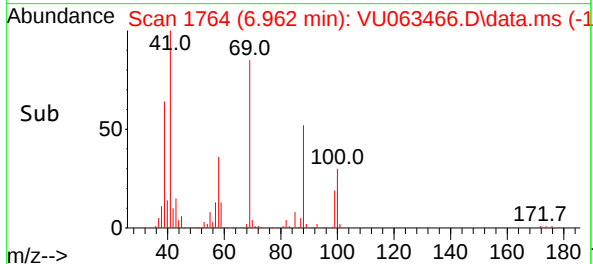
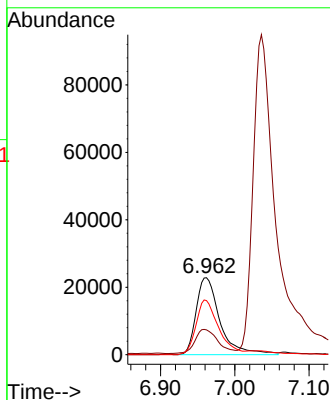
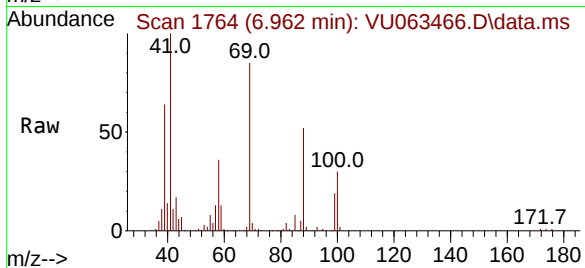
Tgt Ion: 88 Resp: 50916

Ion Ratio Lower Upper

88 100

43 30.4 25.6 38.4

58 67.2 55.0 82.6



#50

Toluene-d8

Concen: 47.233 ug/l

RT: 7.888 min Scan# 2052

Delta R.T. -0.000 min

Lab File: VU063466.D

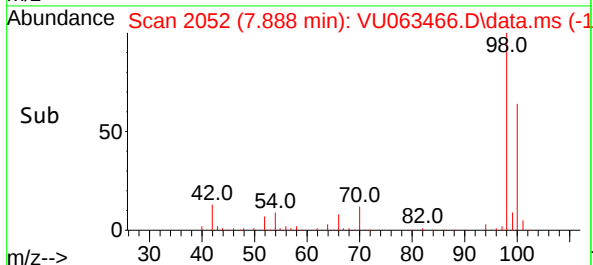
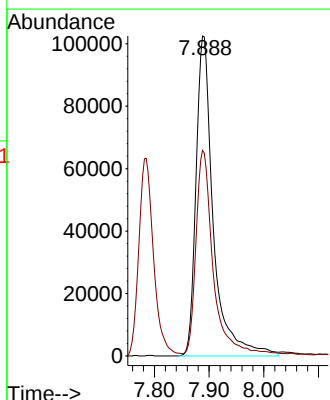
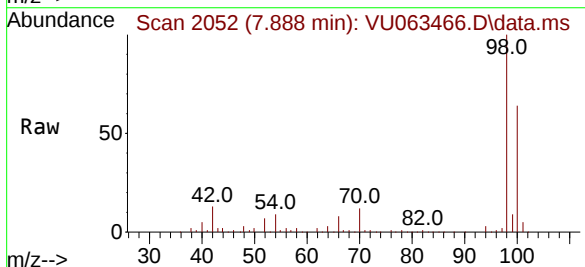
Acq: 08 Jul 2025 15:49

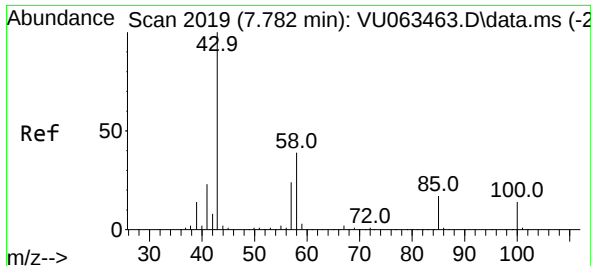
Tgt Ion: 98 Resp: 225040

Ion Ratio Lower Upper

98 100

100 62.8 48.1 72.1





#51

4-Methyl-2-Pentanone

Concen: 266.514 ug/l

RT: 7.782 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VU063466.D

Acq: 08 Jul 2025 15:49

Instrument :

MSVOA_U

ClientSampleId :

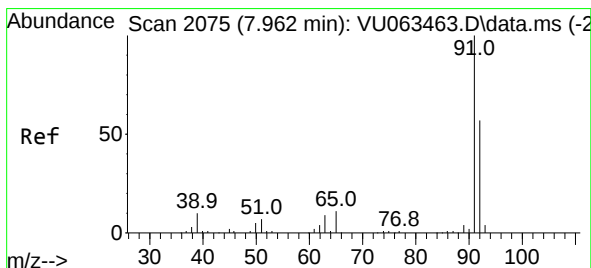
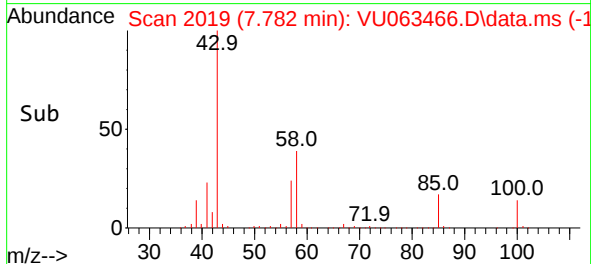
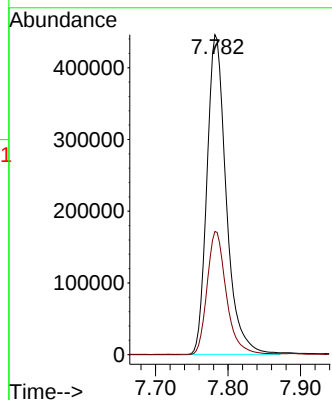
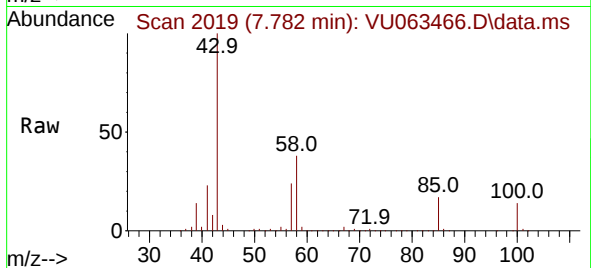
ICVVU070825

Tgt Ion: 43 Resp: 824127

Ion Ratio Lower Upper

43 100

58 38.7 31.0 46.4



#52

Toluene

Concen: 49.634 ug/l

RT: 7.959 min Scan# 2074

Delta R.T. -0.003 min

Lab File: VU063466.D

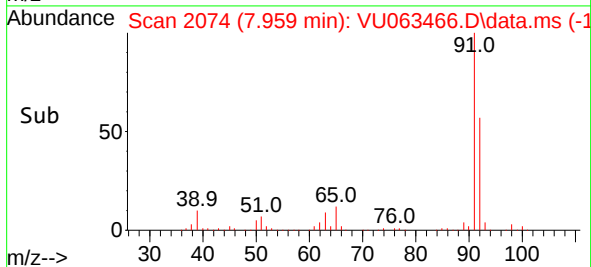
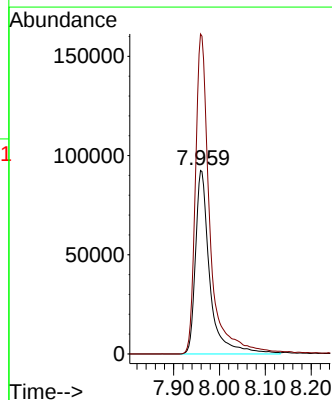
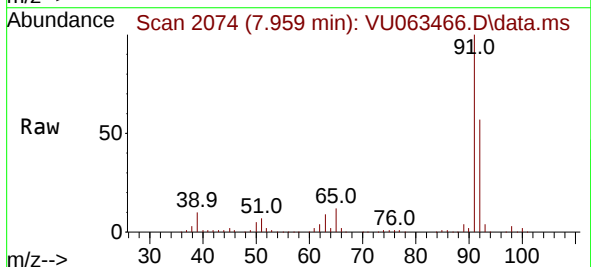
Acq: 08 Jul 2025 15:49

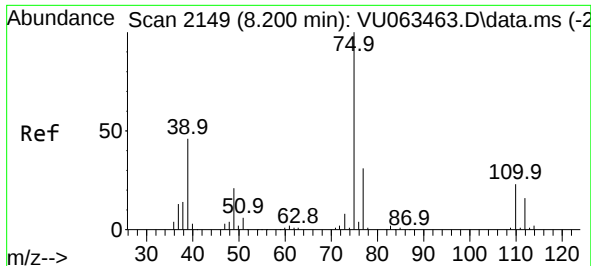
Tgt Ion: 92 Resp: 201363

Ion Ratio Lower Upper

92 100

91 175.4 144.5 216.7





#53

t-1,3-Dichloropropene

Concen: 54.728 ug/l

RT: 8.200 min Scan# 2149

Delta R.T. -0.000 min

Lab File: VU063466.D

Acq: 08 Jul 2025 15:49

Instrument :

MSVOA_U

ClientSampleId :

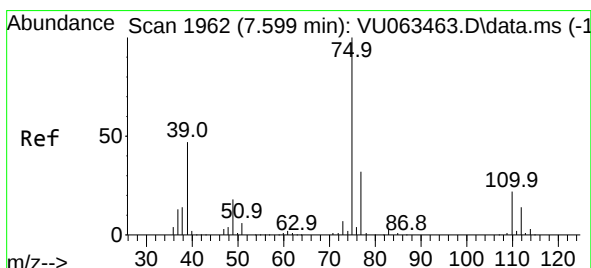
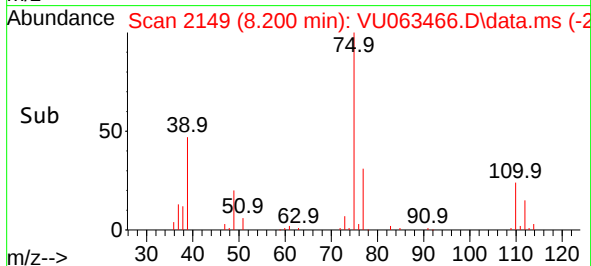
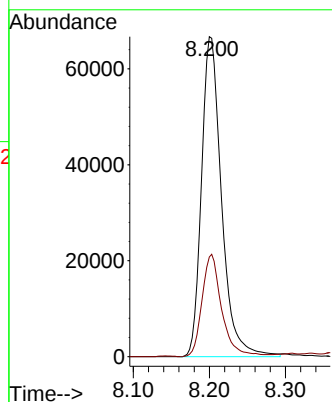
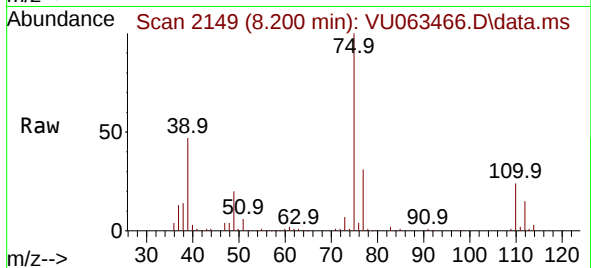
ICVVU070825

Tgt Ion: 75 Resp: 122169

Ion Ratio Lower Upper

75 100

77 31.1 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 54.308 ug/l

RT: 7.595 min Scan# 1961

Delta R.T. -0.003 min

Lab File: VU063466.D

Acq: 08 Jul 2025 15:49

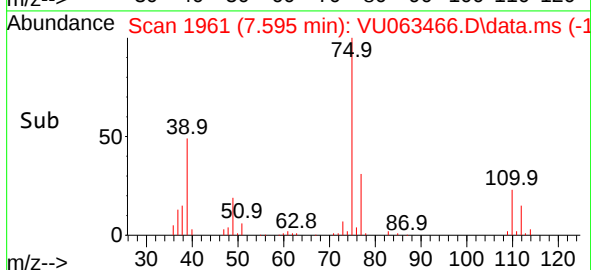
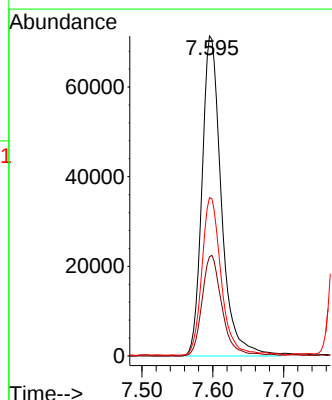
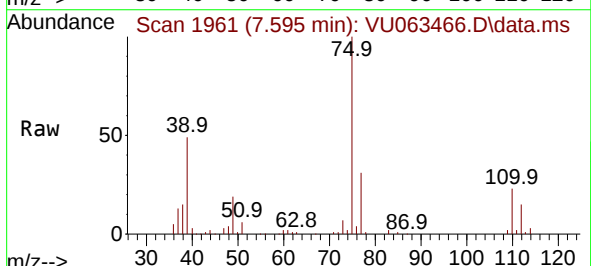
Tgt Ion: 75 Resp: 135710

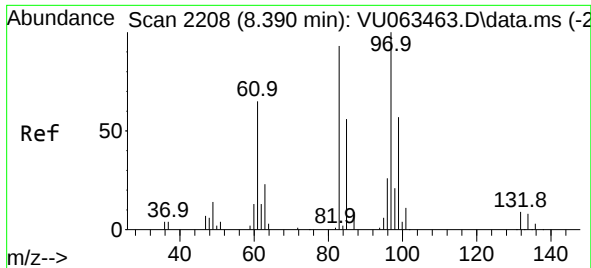
Ion Ratio Lower Upper

75 100

77 31.0 25.4 38.0

39 49.2 37.2 55.8

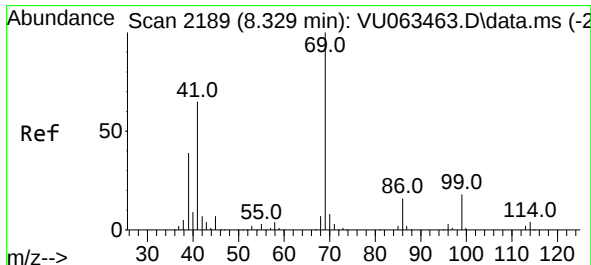
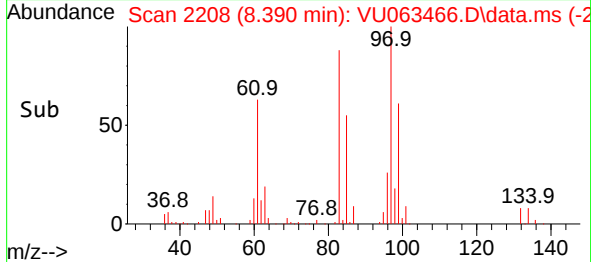
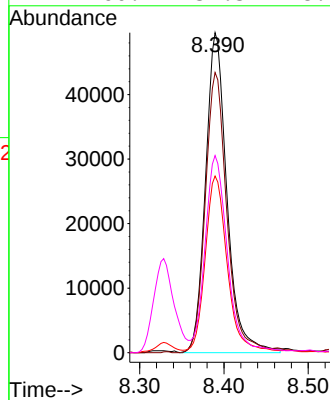
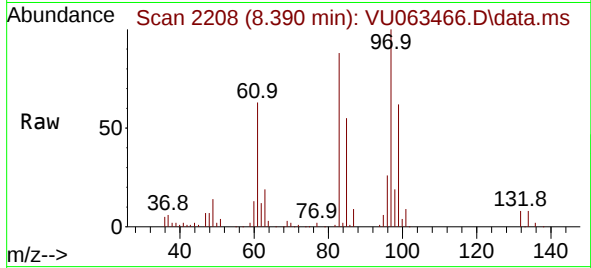




#55
1,1,2-Trichloroethane
Concen: 50.976 ug/l
RT: 8.390 min Scan# 2189
Delta R.T. -0.000 min
Lab File: VU063466.D
Acq: 08 Jul 2025 15:49

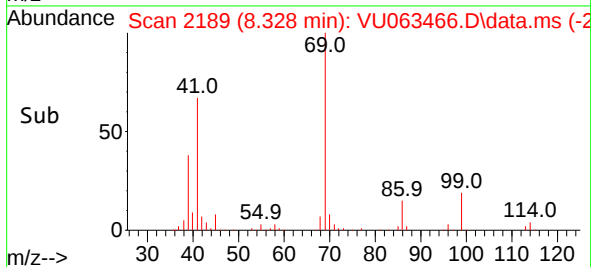
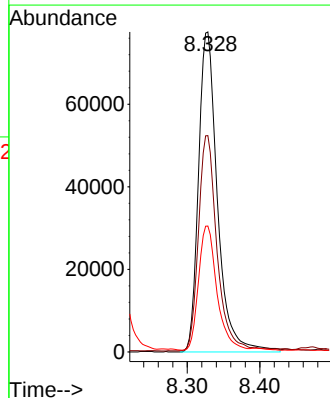
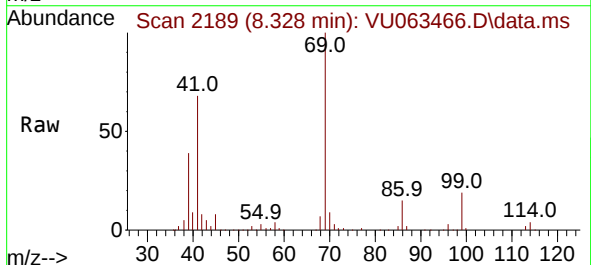
Instrument :
MSVOA_U
ClientSampleId :
ICVVU070825

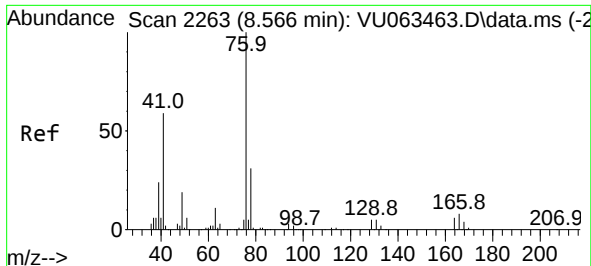
Tgt Ion: 97	Resp: 87828
Ion Ratio	Lower Upper
97 100	
83 87.6	74.2 111.4
85 54.5	45.8 68.8
99 60.7	52.5 78.7



#56
Ethyl methacrylate
Concen: 50.656 ug/l
RT: 8.328 min Scan# 2189
Delta R.T. -0.000 min
Lab File: VU063466.D
Acq: 08 Jul 2025 15:49

Tgt Ion: 69	Resp: 140788
Ion Ratio	Lower Upper
69 100	
41 65.2	53.0 79.6
39 37.4	31.0 46.4





#57

1,3-Dichloropropane

Concen: 50.716 ug/l

RT: 8.566 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU063466.D

Acq: 08 Jul 2025 15:49

Instrument :

MSVOA_U

ClientSampleId :

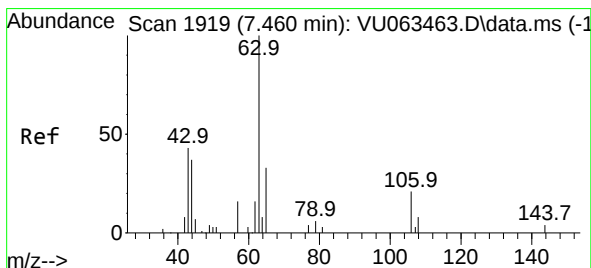
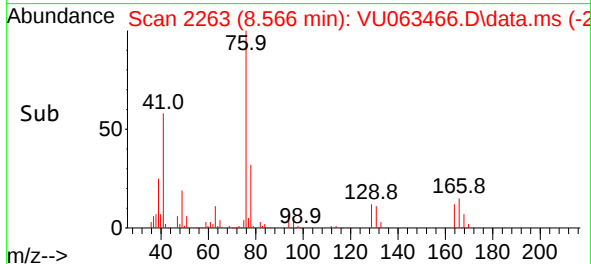
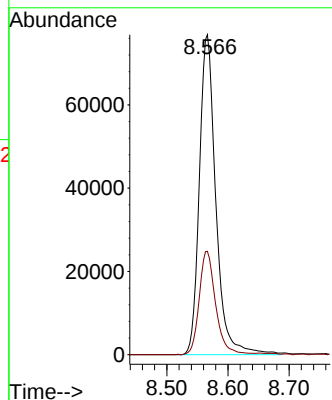
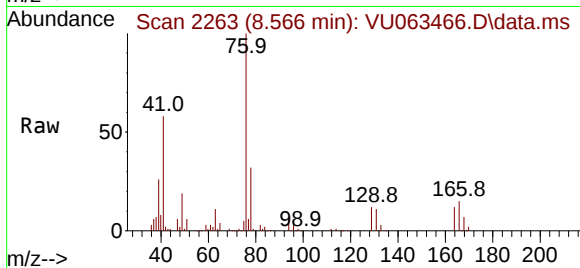
ICVVU070825

Tgt Ion: 76 Resp: 144033

Ion Ratio Lower Upper

76 100

78 32.2 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 264.380 ug/l

RT: 7.457 min Scan# 1918

Delta R.T. -0.003 min

Lab File: VU063466.D

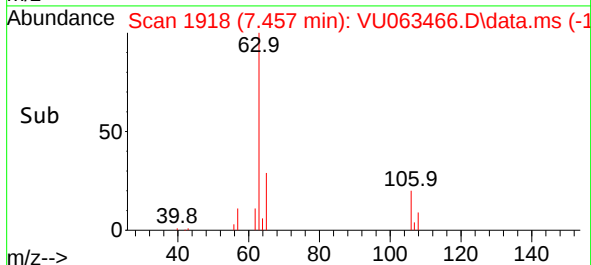
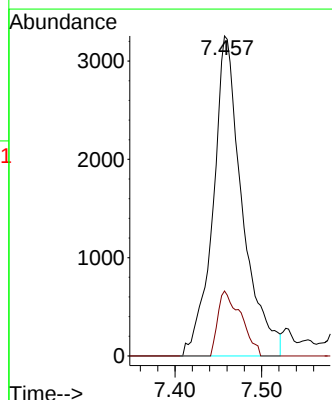
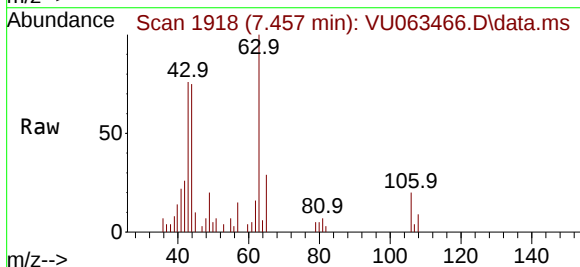
Acq: 08 Jul 2025 15:49

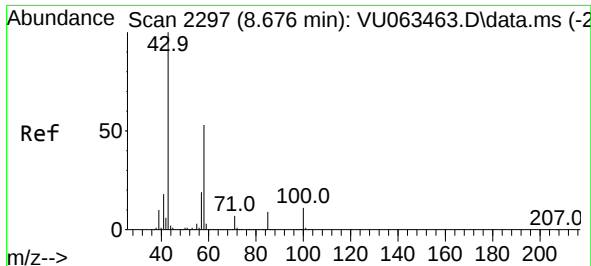
Tgt Ion: 63 Resp: 7630

Ion Ratio Lower Upper

63 100

106 16.1 11.5 17.3

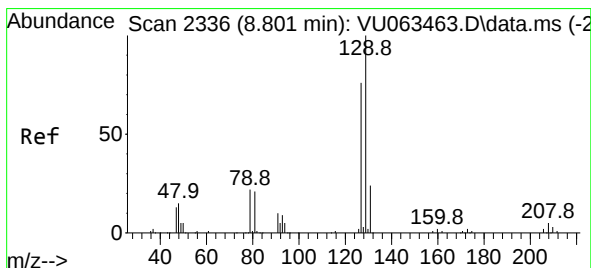
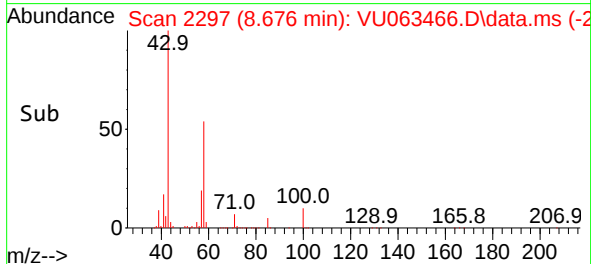
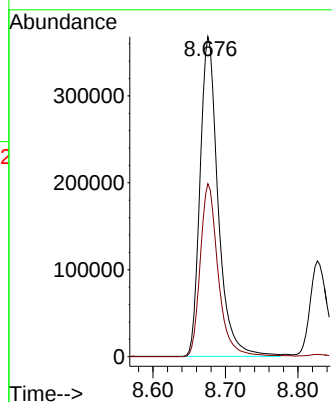
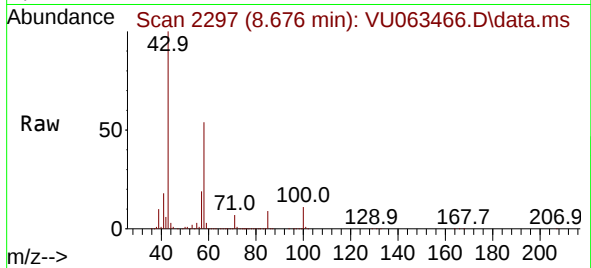




#59
2-Hexanone
Concen: 271.895 ug/l
RT: 8.676 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063466.D
Acq: 08 Jul 2025 15:49

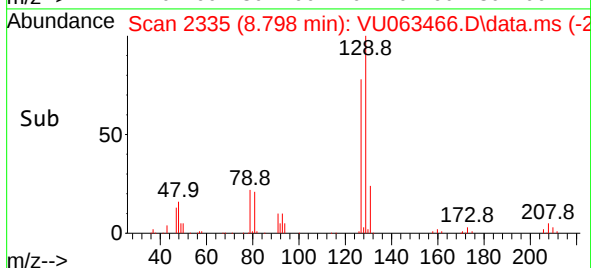
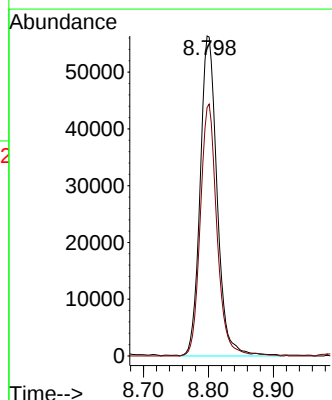
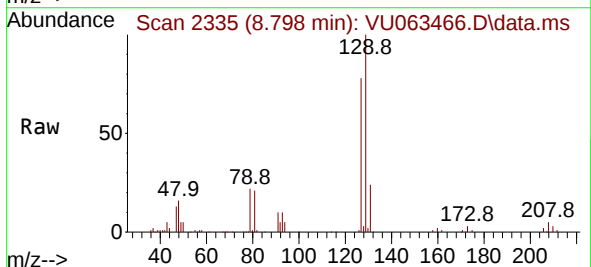
Instrument :
MSVOA_U
ClientSampleId :
ICVVU070825

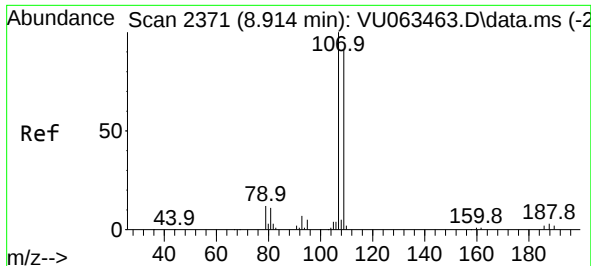
Tgt Ion: 43 Resp: 635921
Ion Ratio Lower Upper
43 100
58 54.1 26.9 80.7



#60
Dibromochloromethane
Concen: 53.189 ug/l
RT: 8.798 min Scan# 2335
Delta R.T. -0.003 min
Lab File: VU063466.D
Acq: 08 Jul 2025 15:49

Tgt Ion: 129 Resp: 102660
Ion Ratio Lower Upper
129 100
127 76.8 39.1 117.2

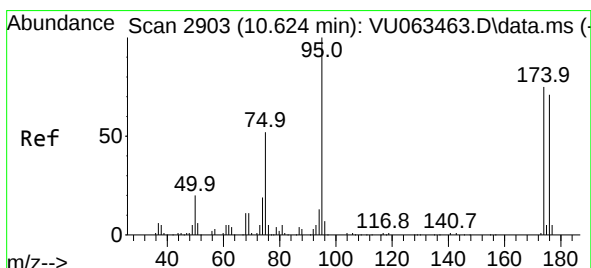
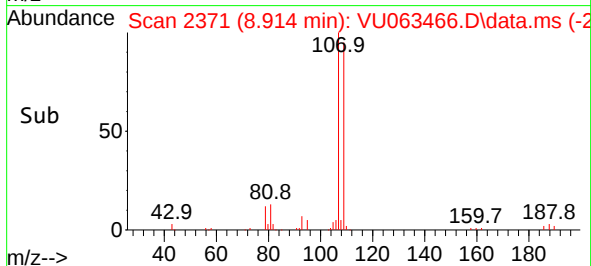
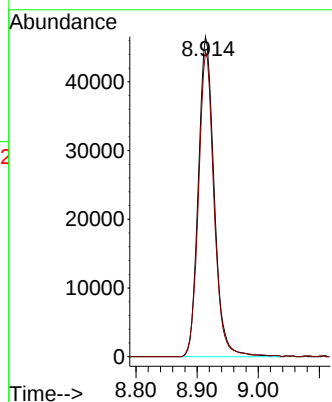
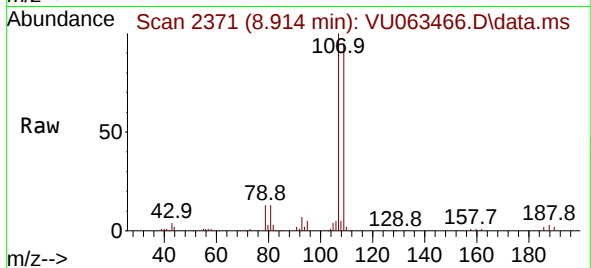




#61
1,2-Dibromoethane
Concen: 49.545 ug/l
RT: 8.914 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063466.D
Acq: 08 Jul 2025 15:49

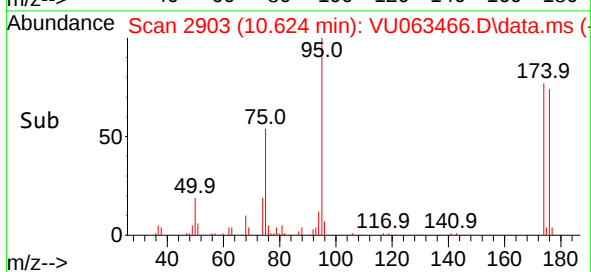
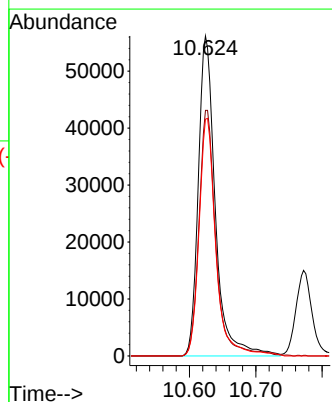
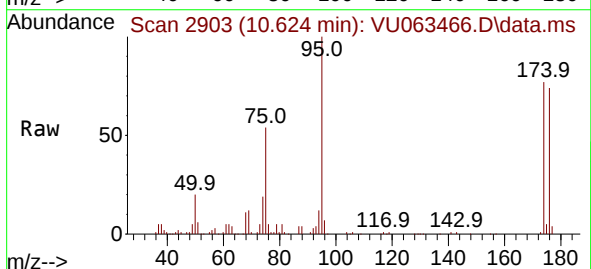
Instrument :
MSVOA_U
ClientSampleId :
ICVVU070825

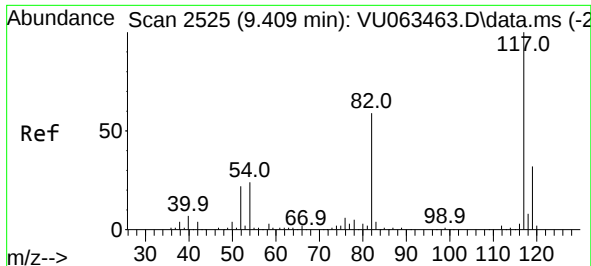
Tgt Ion:107 Resp: 83782
Ion Ratio Lower Upper
107 100
109 93.5 73.7 110.5



#62
4-Bromofluorobenzene
Concen: 48.235 ug/l
RT: 10.624 min Scan# 2903
Delta R.T. -0.000 min
Lab File: VU063466.D
Acq: 08 Jul 2025 15:49

Tgt Ion: 95 Resp: 100524
Ion Ratio Lower Upper
95 100
174 76.0 0.0 153.6
176 73.2 0.0 145.8

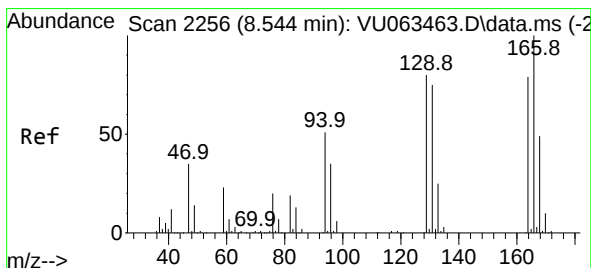
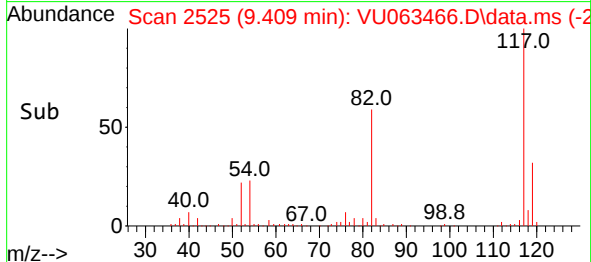
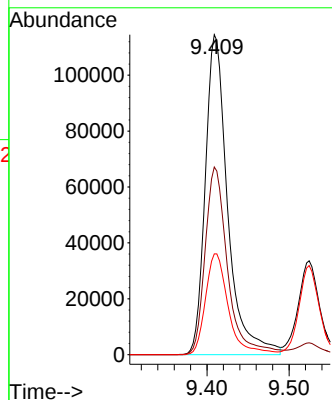
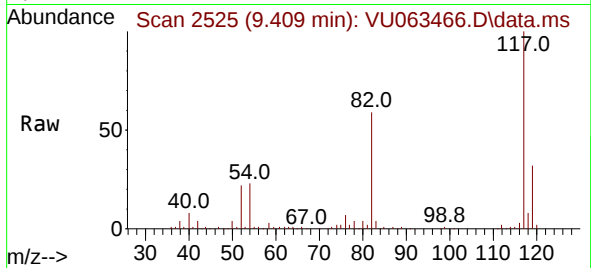




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.409 min Scan# 217211
Delta R.T. -0.000 min
Lab File: VU063466.D
Acq: 08 Jul 2025 15:49

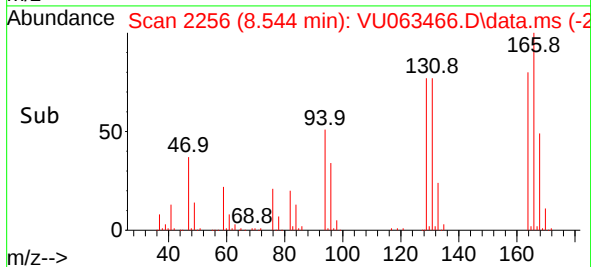
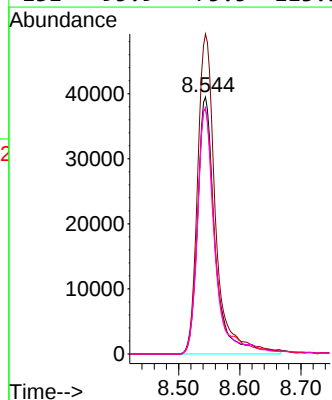
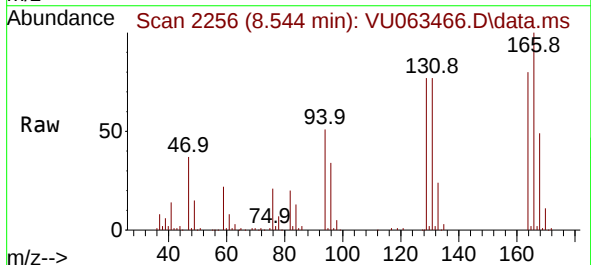
Instrument :
MSVOA_U
ClientSampleId :
ICVVU070825

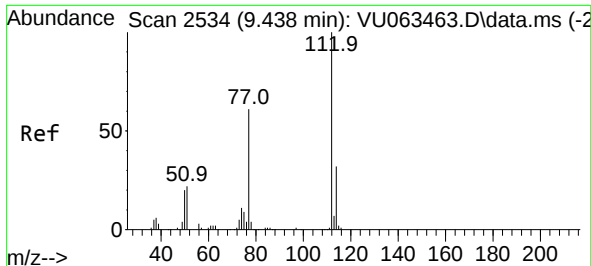
Tgt Ion:	117	Resp:	217211
Ion	Ratio	Lower	Upper
117	100		
82	58.6	47.1	70.7
119	31.5	25.4	38.0



#64
Tetrachloroethene
Concen: 48.407 ug/l
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU063466.D
Acq: 08 Jul 2025 15:49

Tgt Ion:	164	Resp:	78273
Ion	Ratio	Lower	Upper
164	100		
166	124.5	100.9	151.3
129	95.3	80.9	121.3
131	95.9	75.5	113.3

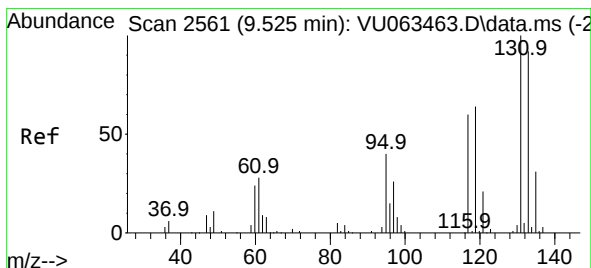
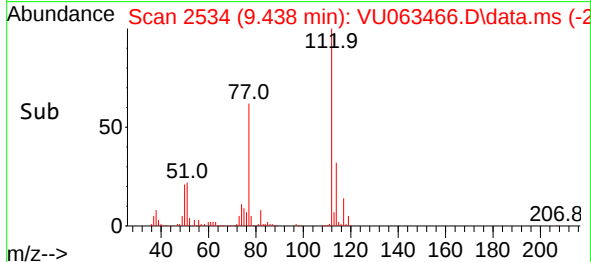
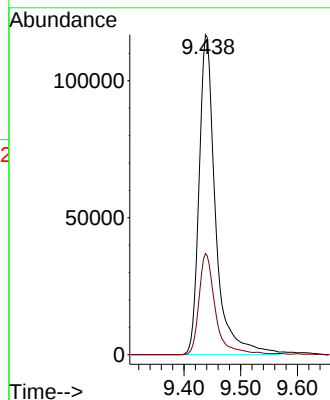
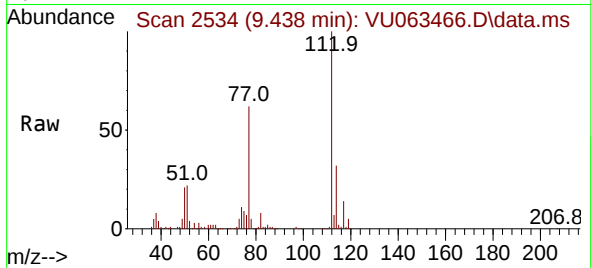




#65
Chlorobenzene
Concen: 52.250 ug/l
RT: 9.438 min Scan# 2534
Delta R.T. -0.000 min
Lab File: VU063466.D
Acq: 08 Jul 2025 15:49

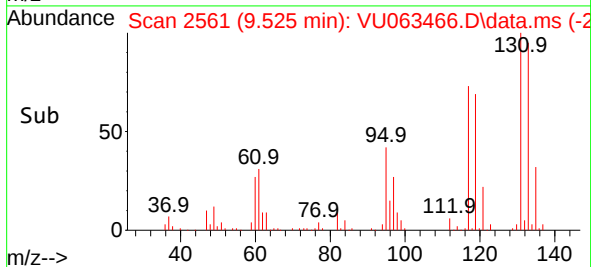
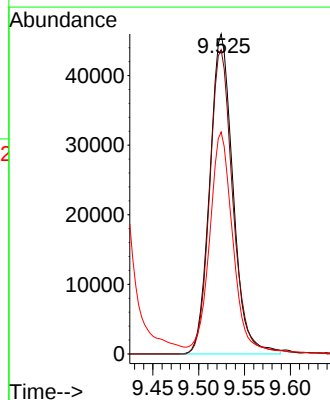
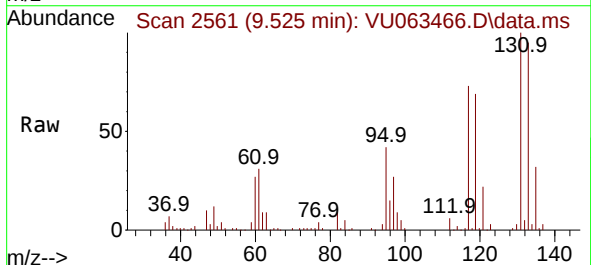
Instrument : MSVOA_U
ClientSampleId : ICVVU070825

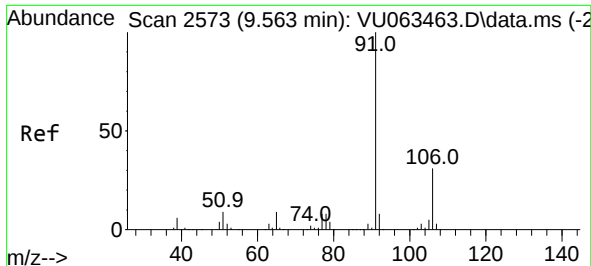
Tgt Ion:112 Resp: 236121
Ion Ratio Lower Upper
112 100
114 31.6 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 52.251 ug/l
RT: 9.525 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU063466.D
Acq: 08 Jul 2025 15:49

Tgt Ion:131 Resp: 80980
Ion Ratio Lower Upper
131 100
133 95.3 46.4 139.2
119 69.4 33.3 99.9





#67

Ethyl Benzene

Concen: 51.288 ug/l

RT: 9.563 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU063466.D

Acq: 08 Jul 2025 15:49

Instrument :

MSVOA_U

ClientSampleId :

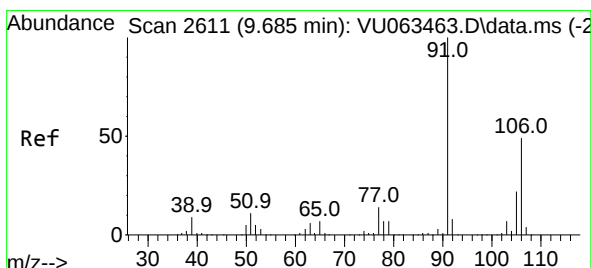
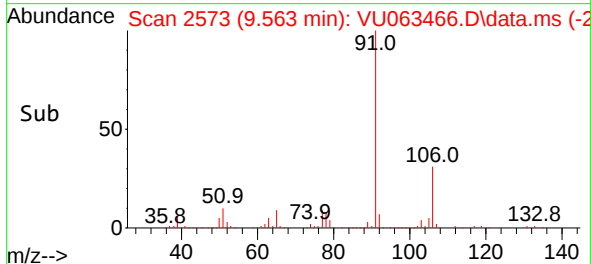
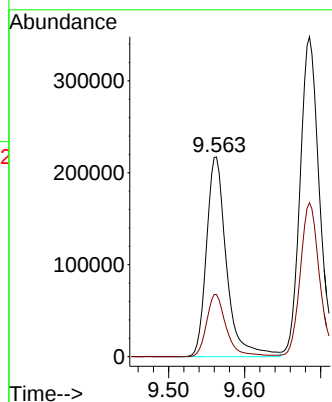
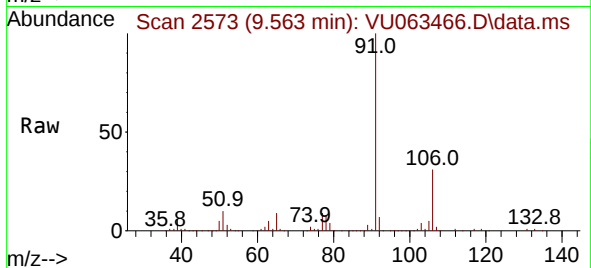
ICVVU070825

Tgt Ion: 91 Resp: 398347

Ion Ratio Lower Upper

91 100

106 31.1 24.5 36.7



#68

m/p-Xylenes

Concen: 102.040 ug/l

RT: 9.685 min Scan# 2611

Delta R.T. -0.000 min

Lab File: VU063466.D

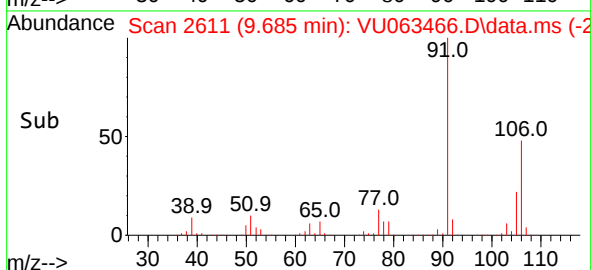
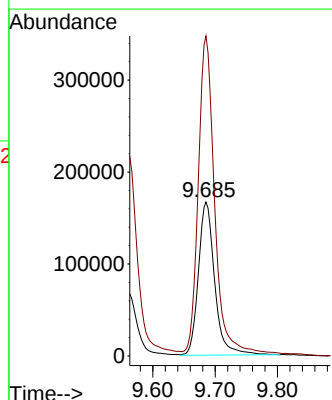
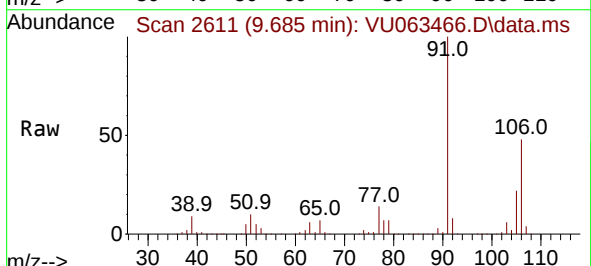
Acq: 08 Jul 2025 15:49

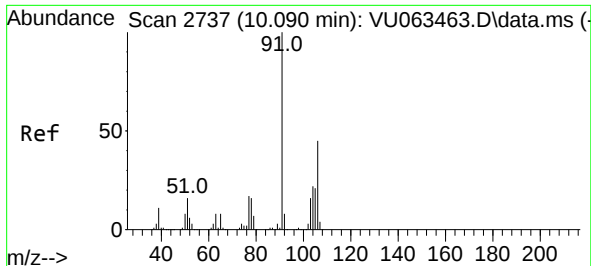
Tgt Ion: 106 Resp: 302467

Ion Ratio Lower Upper

106 100

91 215.6 163.6 245.4

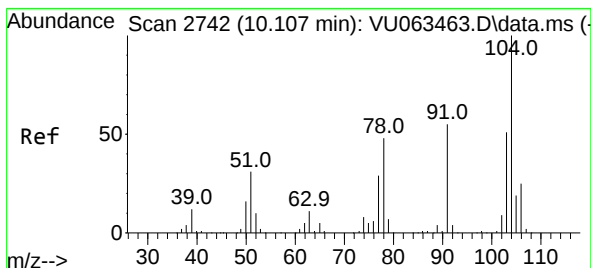
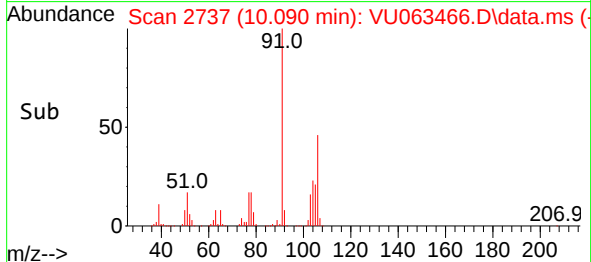
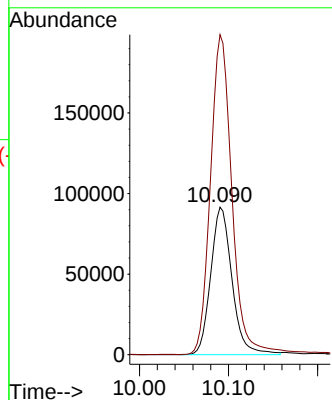
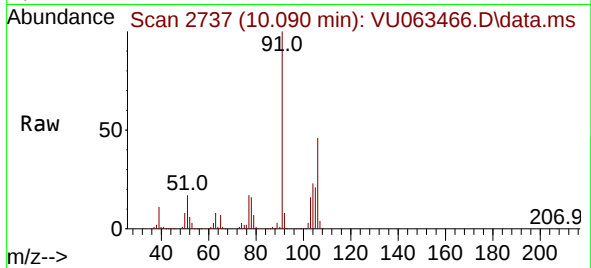




#69
o-Xylene
Concen: 50.475 ug/l
RT: 10.090 min Scan# 2737
Delta R.T. -0.000 min
Lab File: VU063466.D
Acq: 08 Jul 2025 15:49

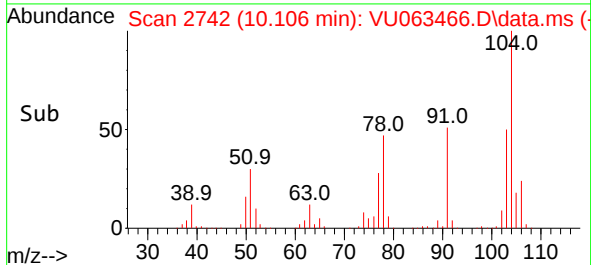
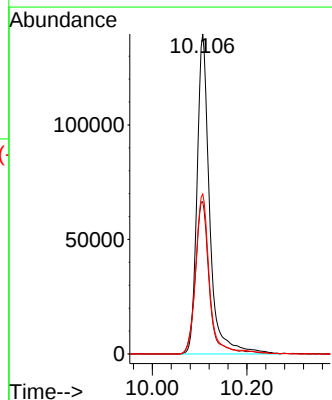
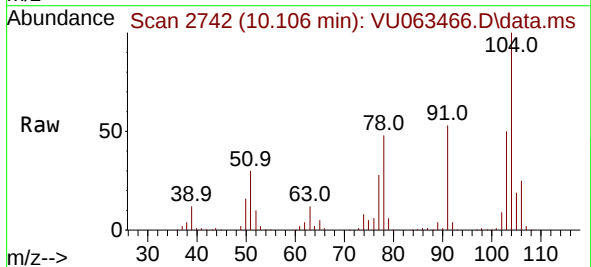
Instrument :
MSVOA_U
ClientSampleId :
ICVVU070825

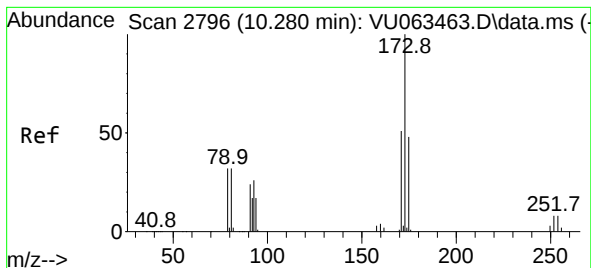
Tgt Ion:106 Resp: 152114
Ion Ratio Lower Upper
106 100
91 221.4 110.7 331.9



#70
Styrene
Concen: 54.198 ug/l
RT: 10.106 min Scan# 2742
Delta R.T. -0.000 min
Lab File: VU063466.D
Acq: 08 Jul 2025 15:49

Tgt Ion:104 Resp: 259709
Ion Ratio Lower Upper
104 100
78 51.3 41.4 62.0
103 53.6 44.3 66.5





#71

Bromoform

Concen: 54.870 ug/l

RT: 10.283 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063466.D

Acq: 08 Jul 2025 15:49

Instrument :

MSVOA_U

ClientSampleId :

ICVVU070825

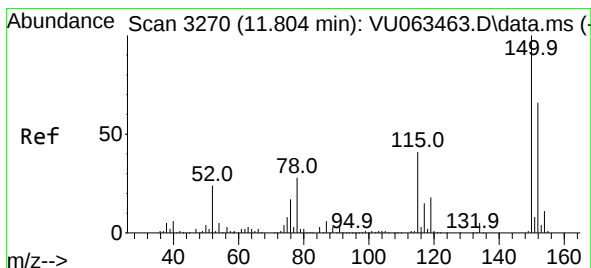
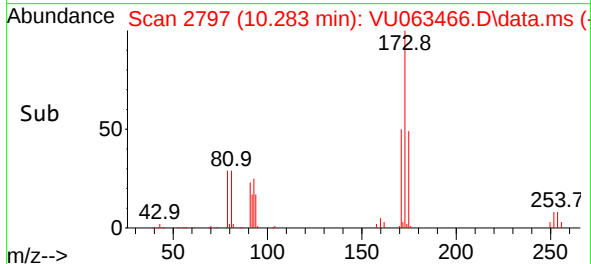
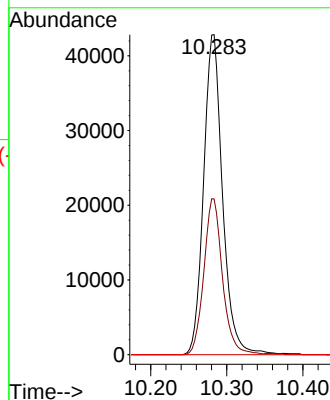
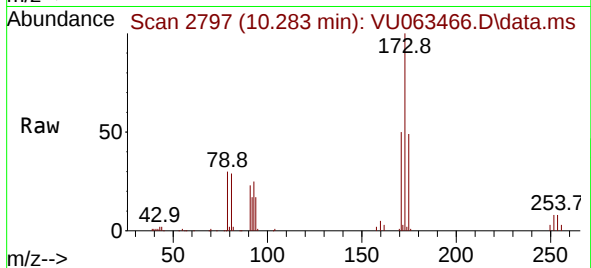
Tgt Ion:173 Resp: 74122

Ion Ratio Lower Upper

173 100

175 47.9 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: VU063466.D

Acq: 08 Jul 2025 15:49

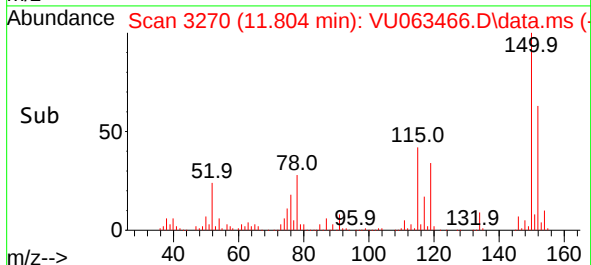
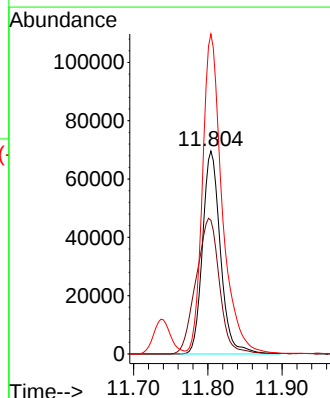
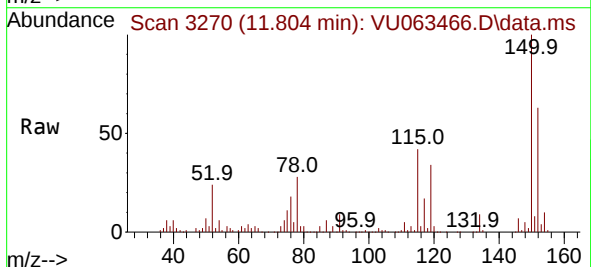
Tgt Ion:152 Resp: 116338

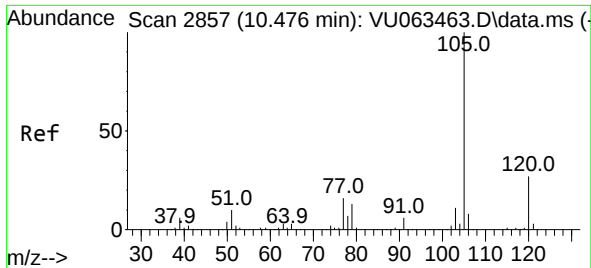
Ion Ratio Lower Upper

152 100

115 87.3 43.4 130.2

150 173.2 0.0 341.4

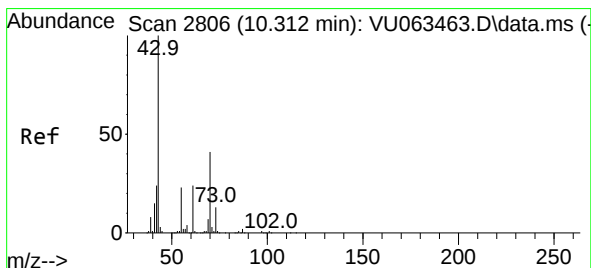
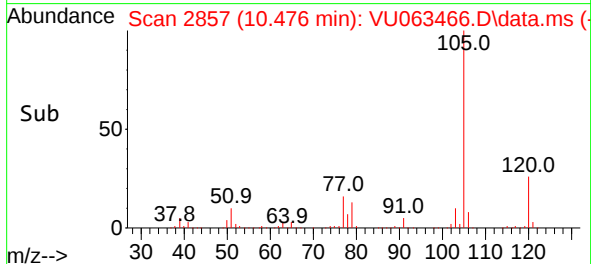
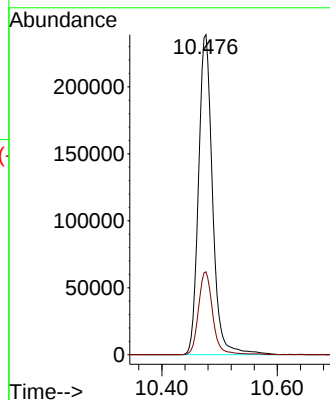
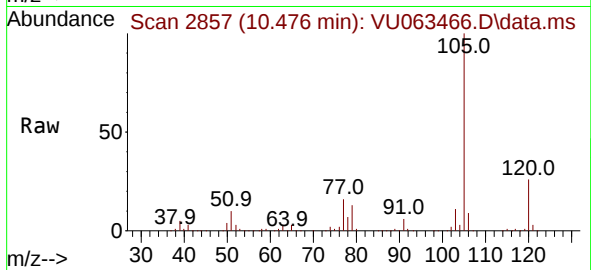




#73
Isopropylbenzene
Concen: 50.875 ug/l
RT: 10.476 min Scan# 2857
Delta R.T. -0.000 min
Lab File: VU063466.D
Acq: 08 Jul 2025 15:49

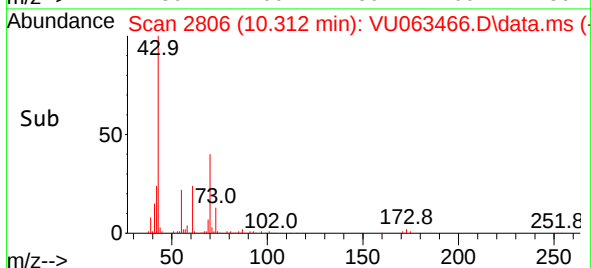
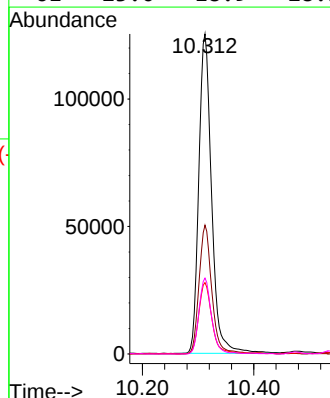
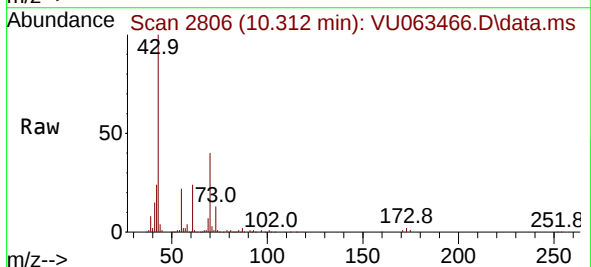
Instrument :
MSVOA_U
ClientSampleId :
ICVVU070825

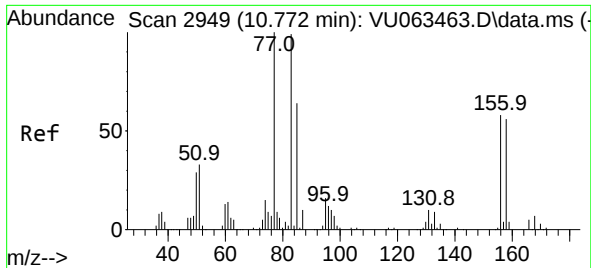
Tgt Ion:105 Resp: 402722
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.1



#74
N-ethyl acetate
Concen: 56.427 ug/l
RT: 10.312 min Scan# 2806
Delta R.T. -0.000 min
Lab File: VU063466.D
Acq: 08 Jul 2025 15:49

Tgt Ion: 43 Resp: 200312
Ion Ratio Lower Upper
43 100
70 40.2 32.6 48.8
55 22.8 18.6 27.8
61 23.0 18.9 28.3

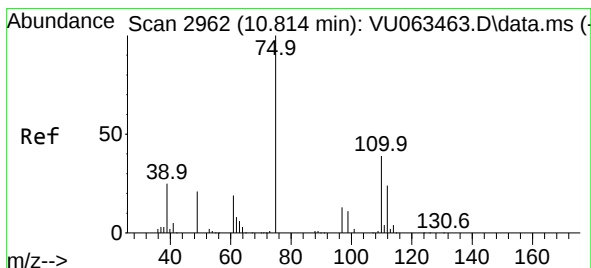
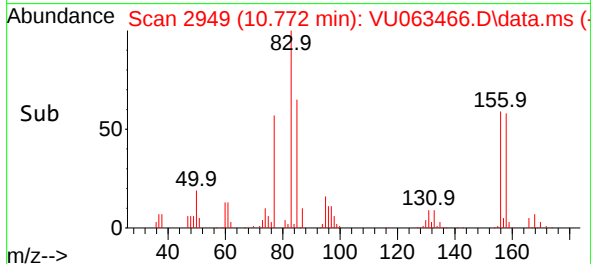
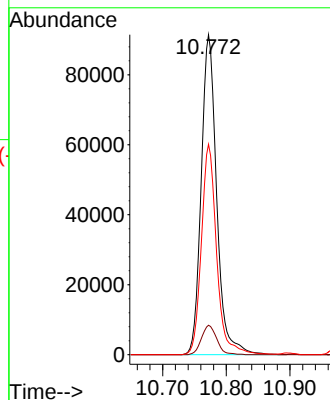
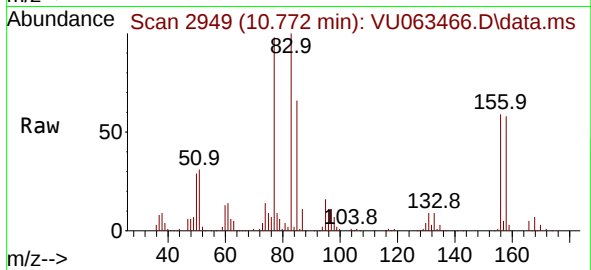




#75
1,1,2,2-Tetrachloroethane
Concen: 53.063 ug/l
RT: 10.772 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU063466.D
Acq: 08 Jul 2025 15:49

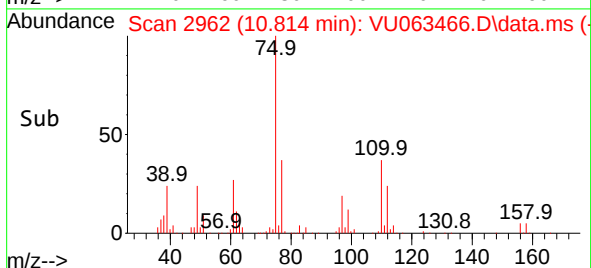
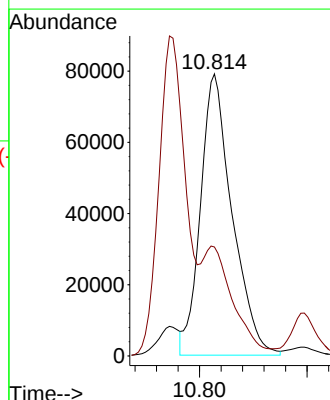
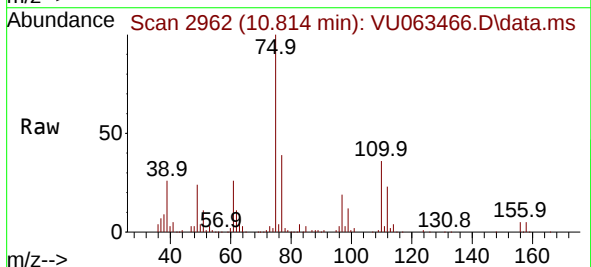
Instrument :
MSVOA_U
ClientSampleId :
ICVVU070825

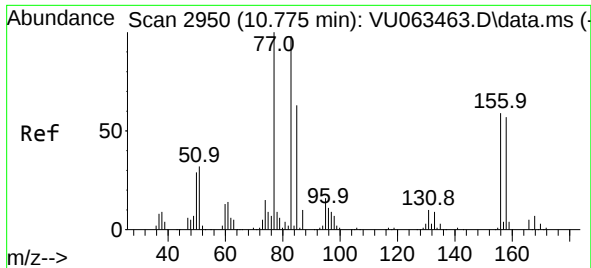
Tgt Ion: 83 Resp: 154615
Ion Ratio Lower Upper
83 100
131 9.1 4.8 14.3
85 64.7 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 52.359 ug/l
RT: 10.814 min Scan# 2962
Delta R.T. -0.000 min
Lab File: VU063466.D
Acq: 08 Jul 2025 15:49

Tgt Ion: 75 Resp: 161410
Ion Ratio Lower Upper
75 100
77 0.0 3.1 9.4#

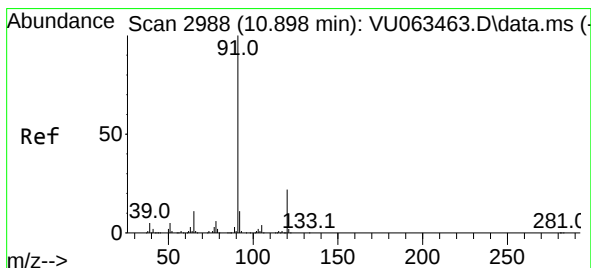
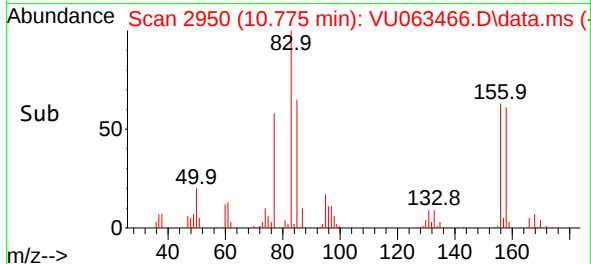
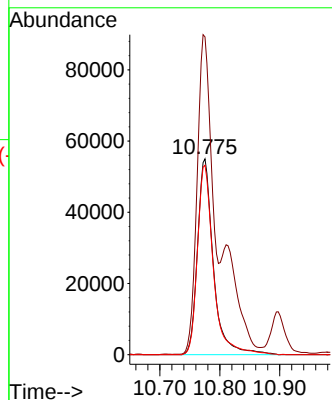
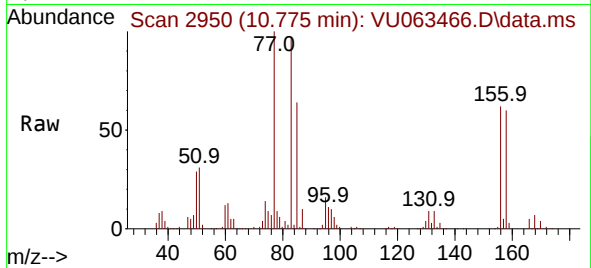




#77
Bromobenzene
Concen: 52.500 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU063466.D
Acq: 08 Jul 2025 15:49

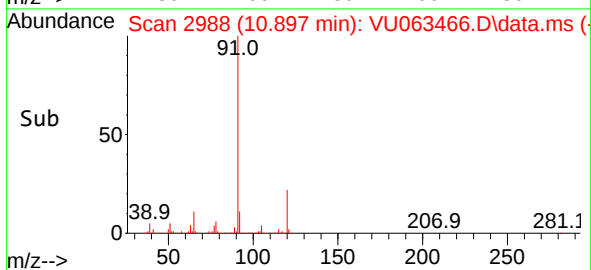
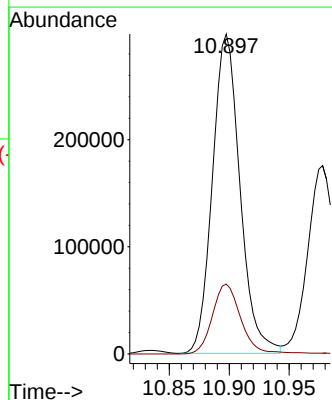
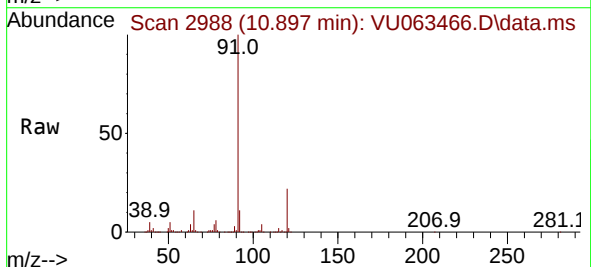
Instrument :
MSVOA_U
ClientSampleId :
ICVVU070825

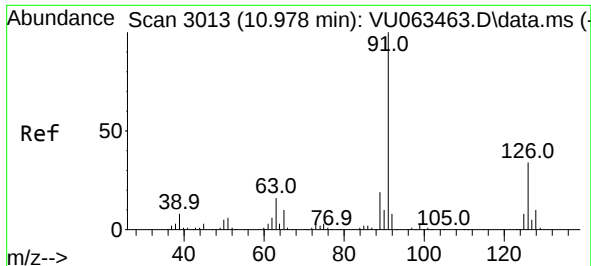
Tgt Ion:156 Resp: 101870
Ion Ratio Lower Upper
156 100
77 151.4 78.2 234.6
158 97.4 46.8 140.4



#78
n-propylbenzene
Concen: 51.849 ug/l
RT: 10.897 min Scan# 2988
Delta R.T. -0.000 min
Lab File: VU063466.D
Acq: 08 Jul 2025 15:49

Tgt Ion: 91 Resp: 475995
Ion Ratio Lower Upper
91 100
120 22.9 11.5 34.4

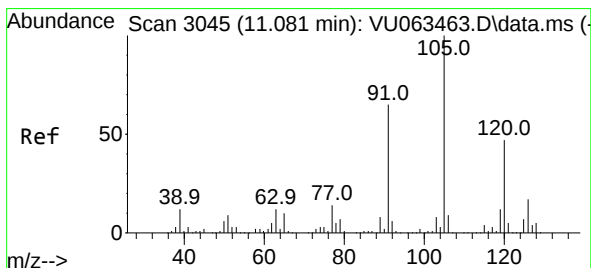
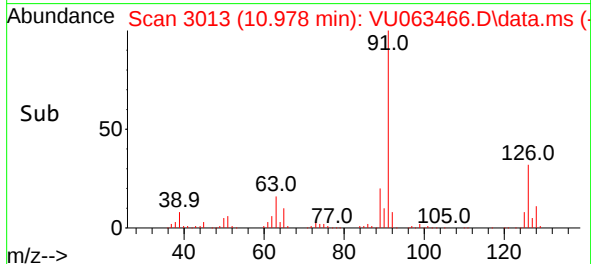
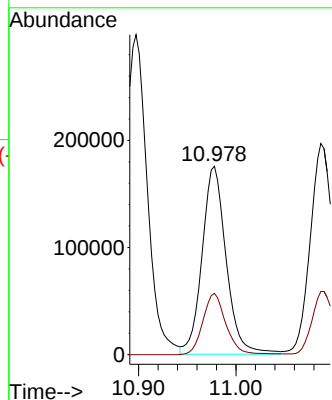
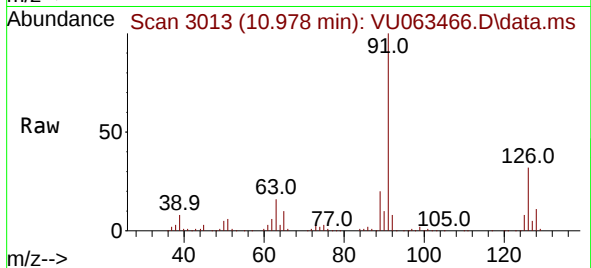




#79
2-Chlorotoluene
Concen: 52.427 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. -0.000 min
Lab File: VU063466.D
Acq: 08 Jul 2025 15:49

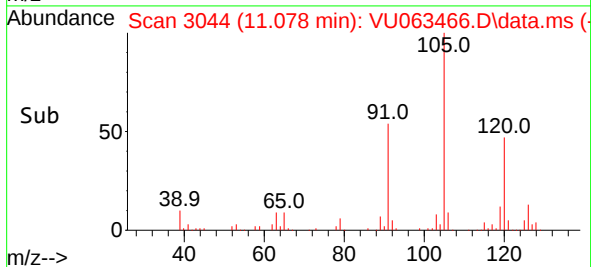
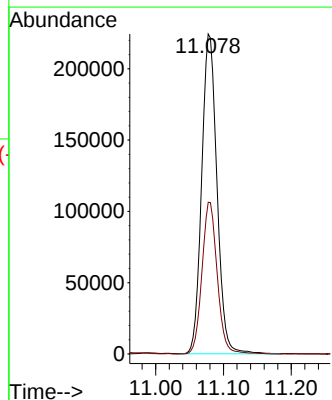
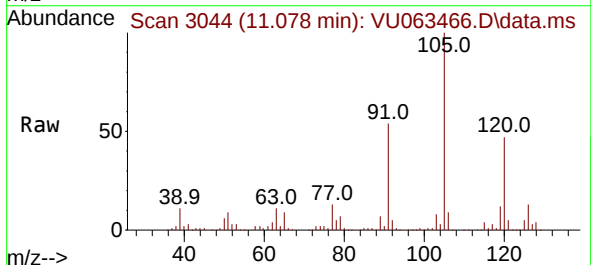
Instrument :
MSVOA_U
ClientSampleId :
ICVVU070825

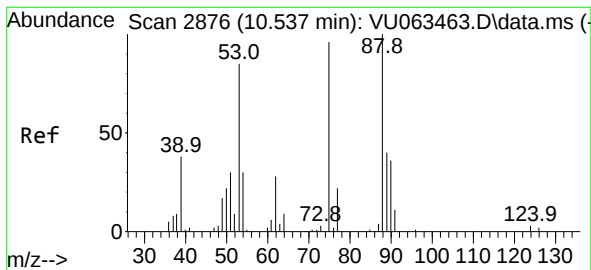
Tgt Ion: 91 Resp: 301851
Ion Ratio Lower Upper
91 100
126 31.3 15.9 47.7



#80
1,3,5-Trimethylbenzene
Concen: 50.703 ug/l
RT: 11.078 min Scan# 3044
Delta R.T. -0.003 min
Lab File: VU063466.D
Acq: 08 Jul 2025 15:49

Tgt Ion: 105 Resp: 351058
Ion Ratio Lower Upper
105 100
120 47.4 23.4 70.2

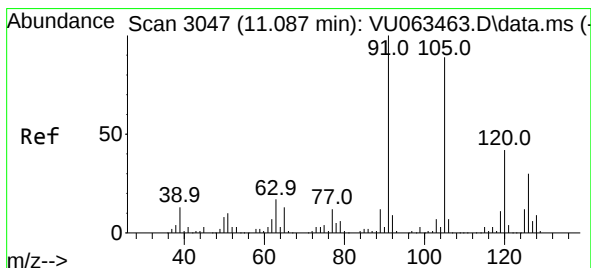
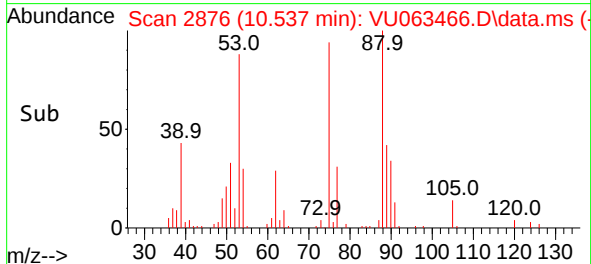
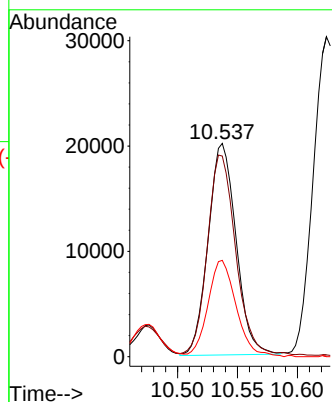
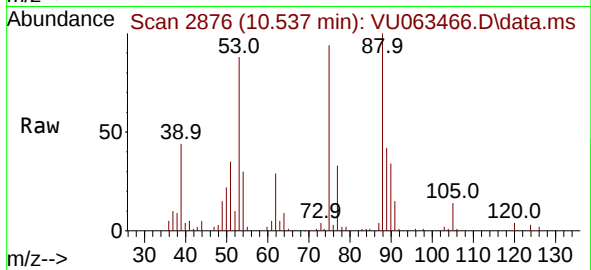




#81
trans-1,4-Dichloro-2-butene
Concen: 52.553 ug/l
RT: 10.537 min Scan# 2876
Delta R.T. -0.000 min
Lab File: VU063466.D
Acq: 08 Jul 2025 15:49

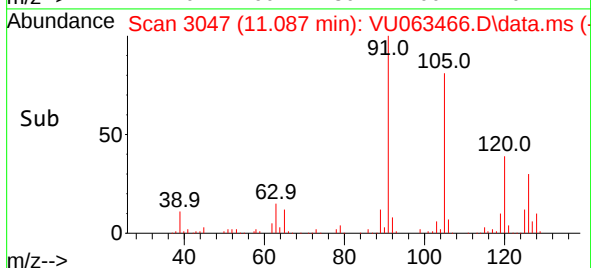
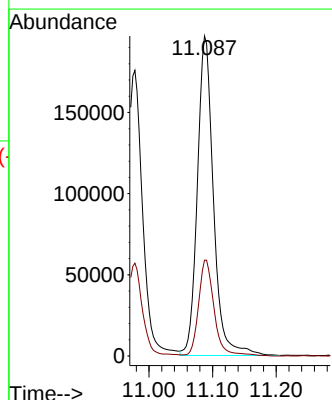
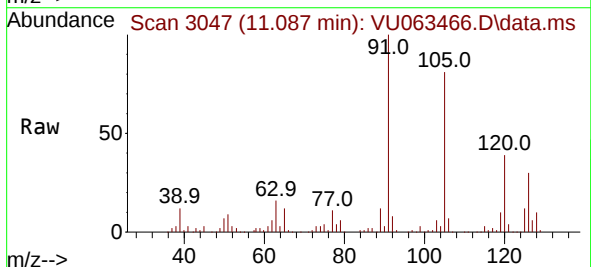
Instrument : MSVOA_U
ClientSampleId : ICVVU070825

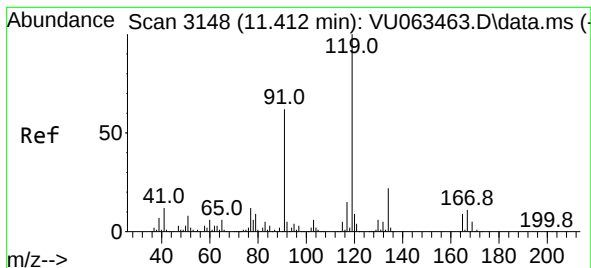
Tgt Ion: 75 Resp: 32483
Ion Ratio Lower Upper
75 100
53 97.2 74.6 111.8
89 46.1 36.3 54.5



#82
4-Chlorotoluene
Concen: 52.880 ug/l
RT: 11.087 min Scan# 3047
Delta R.T. -0.000 min
Lab File: VU063466.D
Acq: 08 Jul 2025 15:49

Tgt Ion: 91 Resp: 345649
Ion Ratio Lower Upper
91 100
126 29.1 14.4 43.2





#83

tert-Butylbenzene

Concen: 51.372 ug/l

RT: 11.412 min Scan# 3148

Delta R.T. -0.000 min

Lab File: VU063466.D

Acq: 08 Jul 2025 15:49

Instrument :

MSVOA_U

ClientSampleId :

ICVVU070825

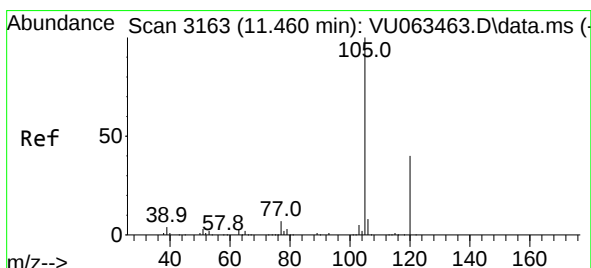
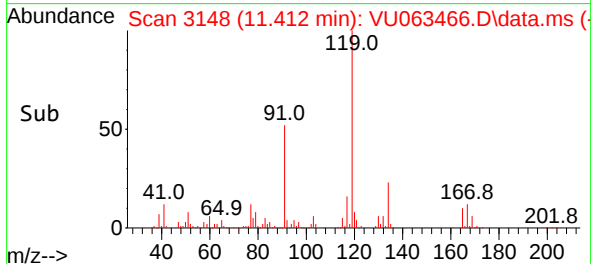
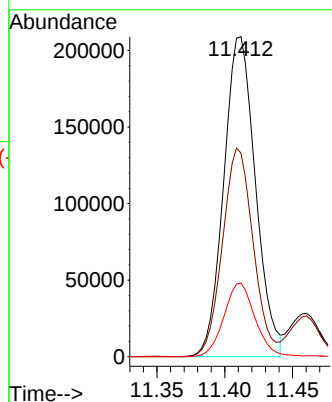
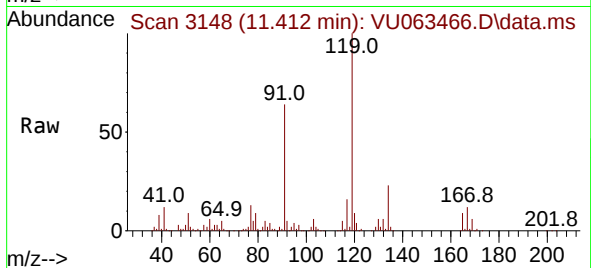
Tgt Ion:119 Resp: 341104

Ion Ratio Lower Upper

119 100

91 62.6 30.3 91.0

134 22.8 11.2 33.6



#84

1,2,4-Trimethylbenzene

Concen: 51.444 ug/l

RT: 11.460 min Scan# 3163

Delta R.T. -0.000 min

Lab File: VU063466.D

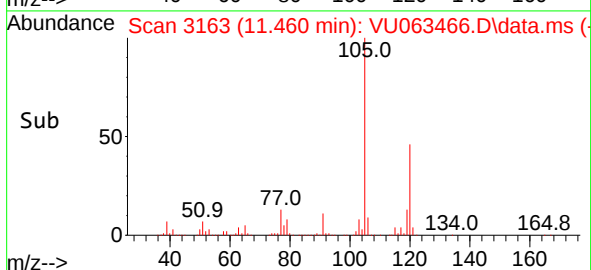
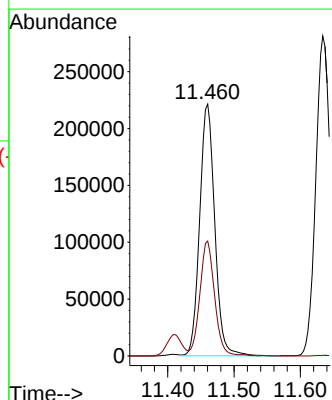
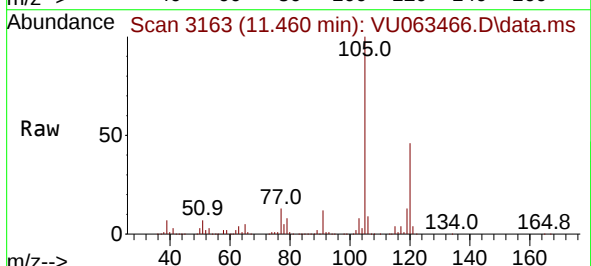
Acq: 08 Jul 2025 15:49

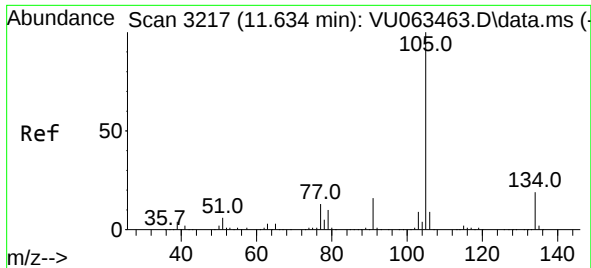
Tgt Ion:105 Resp: 349767

Ion Ratio Lower Upper

105 100

120 44.5 22.1 66.3

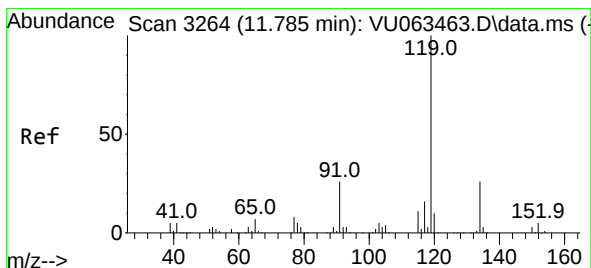
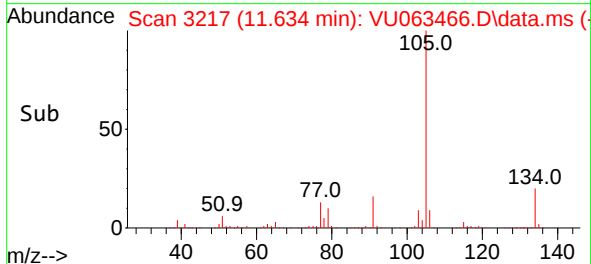
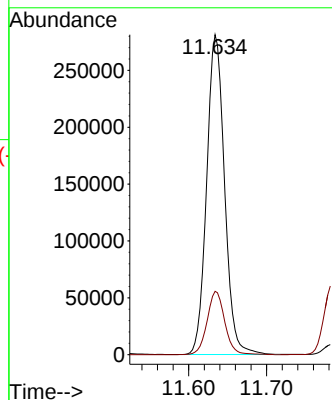
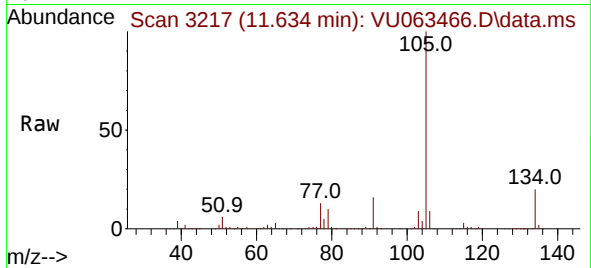




#85
 sec-Butylbenzene
 Concen: 51.173 ug/l
 RT: 11.634 min Scan# 3217
 Delta R.T. -0.000 min
 Lab File: VU063466.D
 Acq: 08 Jul 2025 15:49

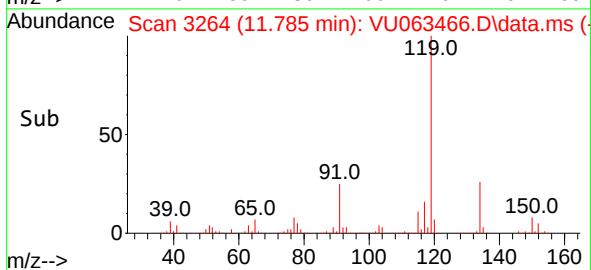
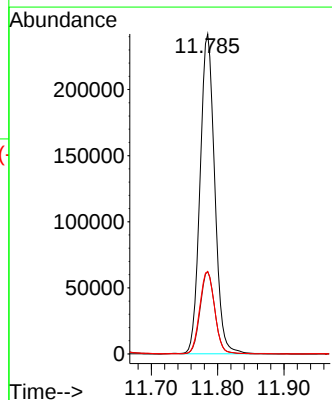
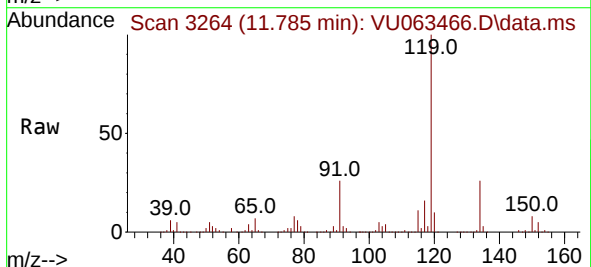
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU070825

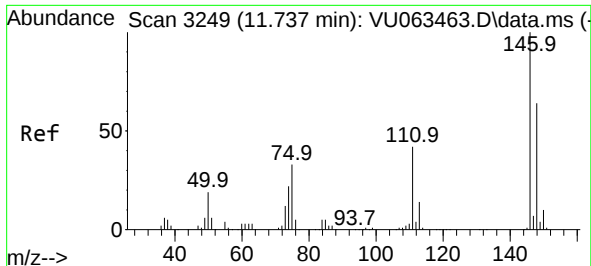
Tgt Ion:105 Resp: 448366
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 52.073 ug/l
 RT: 11.785 min Scan# 3264
 Delta R.T. -0.000 min
 Lab File: VU063466.D
 Acq: 08 Jul 2025 15:49

Tgt Ion:119 Resp: 370141
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.0 38.9
 91 26.3 13.0 38.9





#87

1,3-Dichlorobenzene

Concen: 51.589 ug/l

RT: 11.737 min Scan# 3249

Delta R.T. -0.000 min

Lab File: VU063466.D

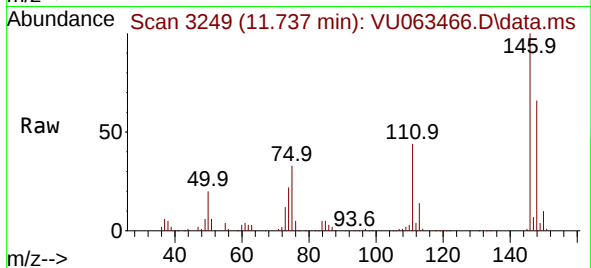
Acq: 08 Jul 2025 15:49

Instrument :

MSVOA_U

ClientSampleId :

ICVVU070825



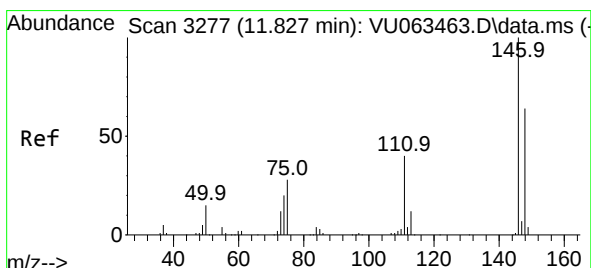
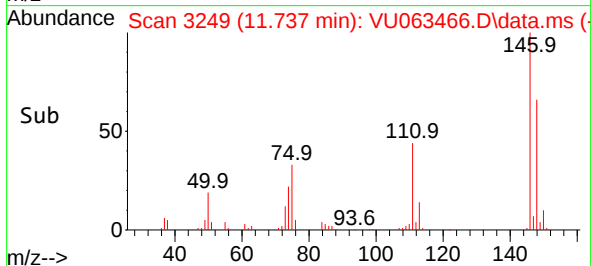
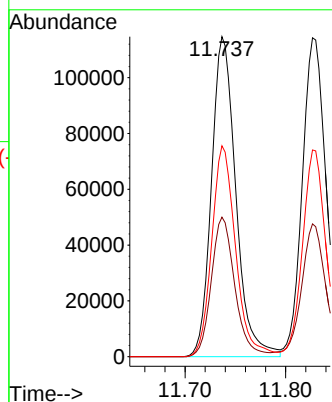
Tgt Ion:146 Resp: 192899

Ion Ratio Lower Upper

146 100

111 42.2 20.9 62.7

148 64.7 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 51.371 ug/l

RT: 11.827 min Scan# 3277

Delta R.T. -0.000 min

Lab File: VU063466.D

Acq: 08 Jul 2025 15:49

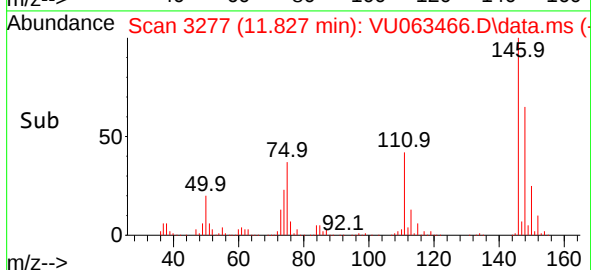
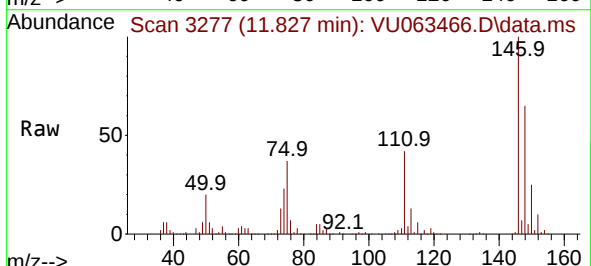
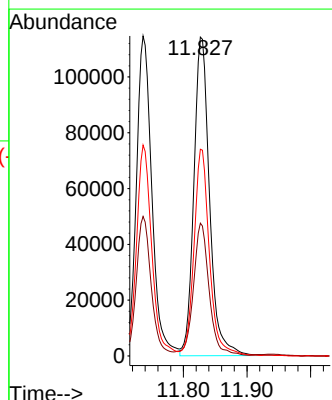
Tgt Ion:146 Resp: 195838

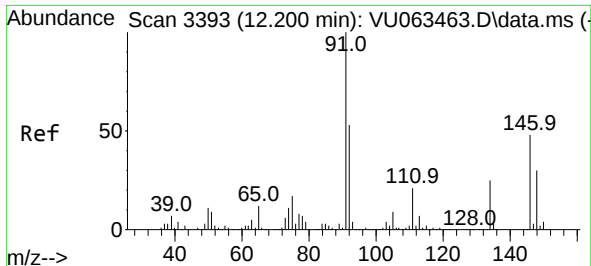
Ion Ratio Lower Upper

146 100

111 42.1 20.8 62.4

148 63.8 31.9 95.9

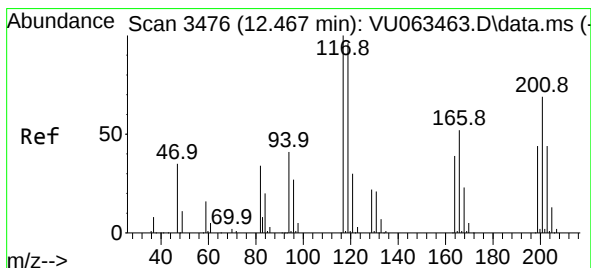
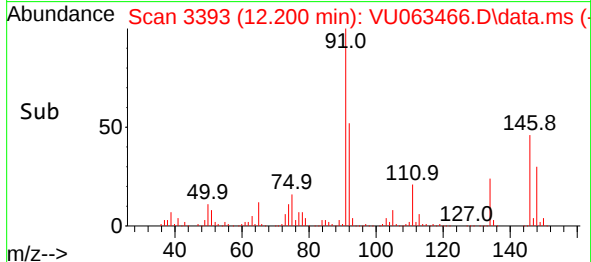
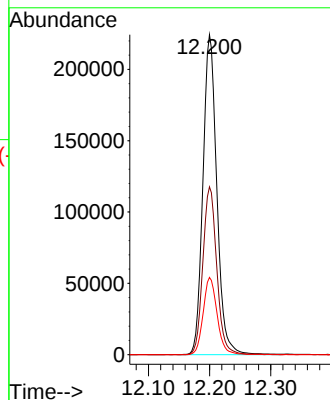
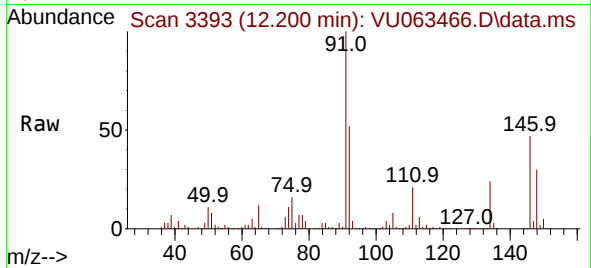




#89
n-Butylbenzene
Concen: 53.876 ug/l
RT: 12.200 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU063466.D
Acq: 08 Jul 2025 15:49

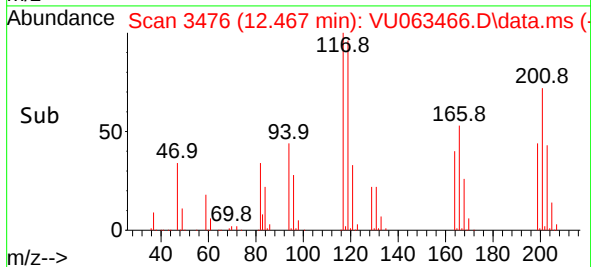
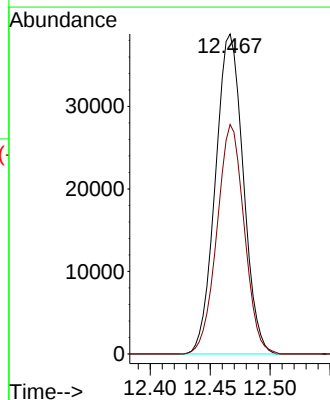
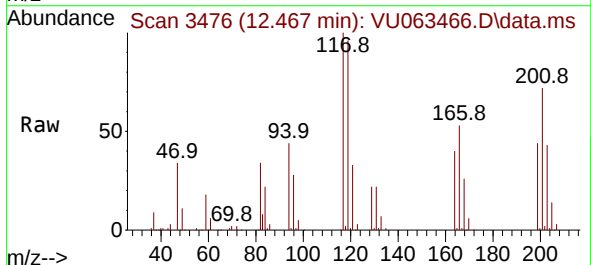
Instrument :
MSVOA_U
ClientSampleId :
ICVVU070825

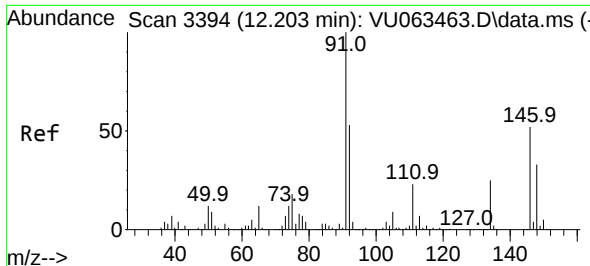
Tgt Ion: 91 Resp: 354441
Ion Ratio Lower Upper
91 100
92 52.5 26.4 79.2
134 24.2 12.4 37.0



#90
Hexachloroethane
Concen: 52.630 ug/l
RT: 12.467 min Scan# 3476
Delta R.T. -0.000 min
Lab File: VU063466.D
Acq: 08 Jul 2025 15:49

Tgt Ion: 117 Resp: 62569
Ion Ratio Lower Upper
117 100
201 70.3 34.4 103.2

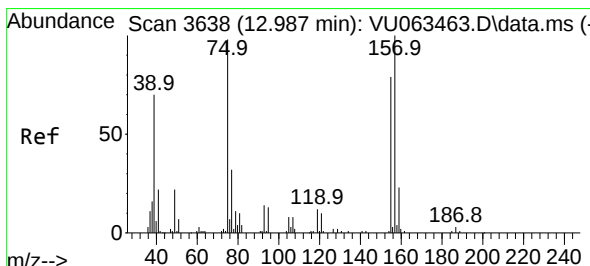
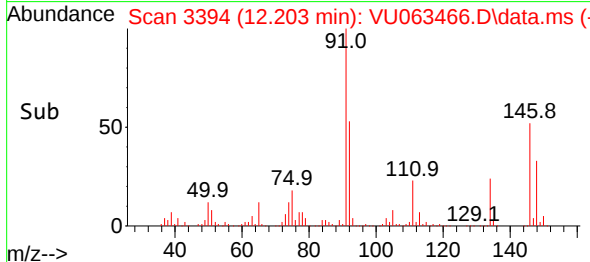
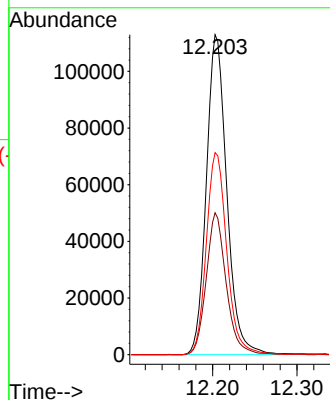
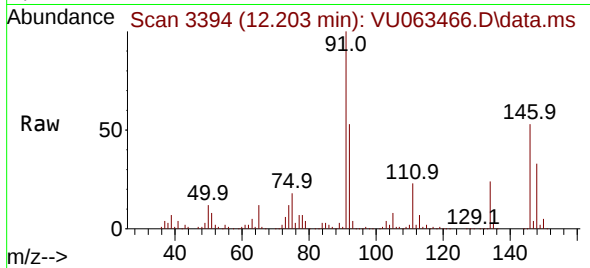




#91
 1,2-Dichlorobenzene
 Concen: 52.257 ug/l
 RT: 12.203 min Scan# 3394
 Delta R.T. -0.000 min
 Lab File: VU063466.D
 Acq: 08 Jul 2025 15:49

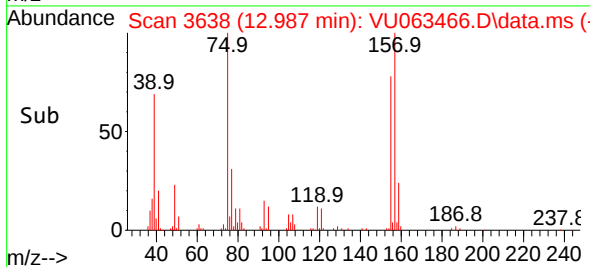
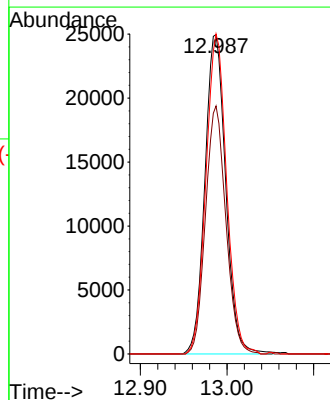
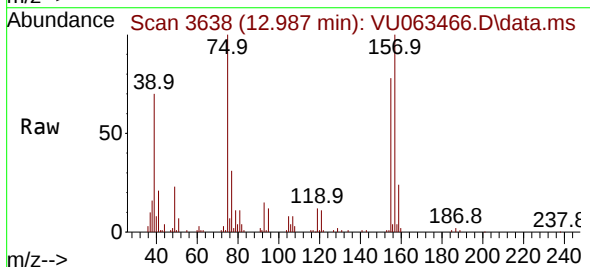
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU070825

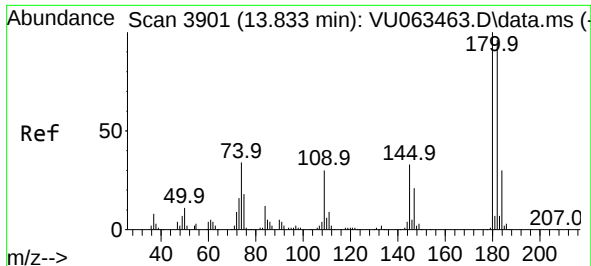
Tgt Ion:146 Resp: 190537
 Ion Ratio Lower Upper
 146 100
 111 43.4 21.9 65.5
 148 63.4 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 60.388 ug/l
 RT: 12.987 min Scan# 3638
 Delta R.T. -0.000 min
 Lab File: VU063466.D
 Acq: 08 Jul 2025 15:49

Tgt Ion: 75 Resp: 41674
 Ion Ratio Lower Upper
 75 100
 155 76.1 39.1 117.5
 157 99.2 49.4 148.2

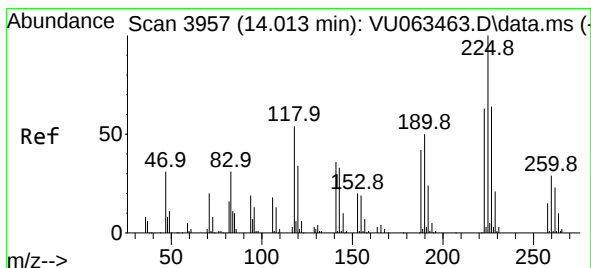
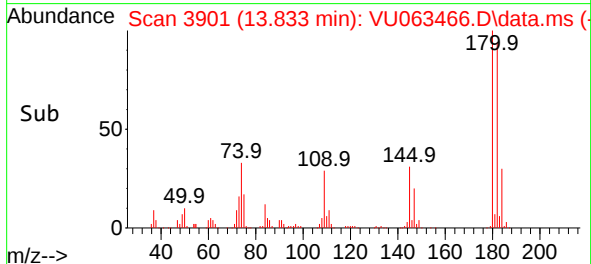
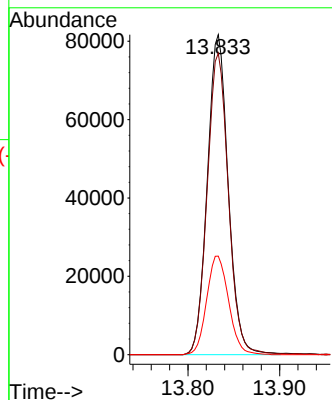
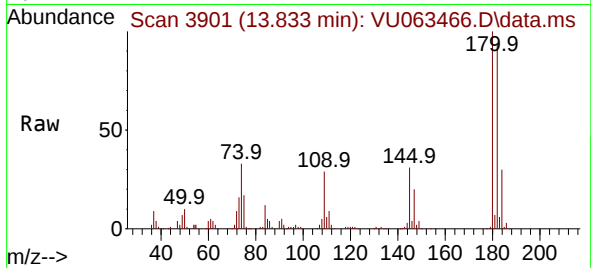




#93
1,2,4-Trichlorobenzene
Concen: 55.453 ug/l
RT: 13.833 min Scan# 3901
Delta R.T. -0.000 min
Lab File: VU063466.D
Acq: 08 Jul 2025 15:49

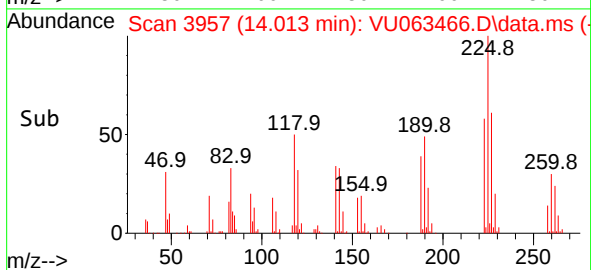
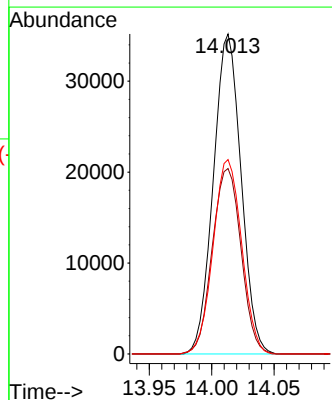
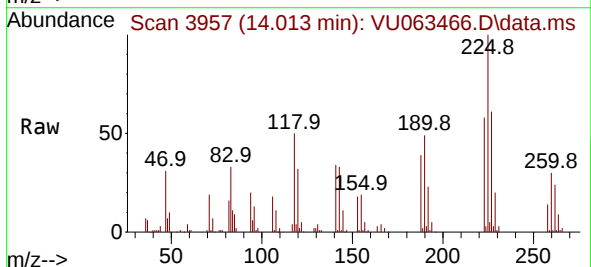
Instrument :
MSVOA_U
ClientSampleId :
ICVVU070825

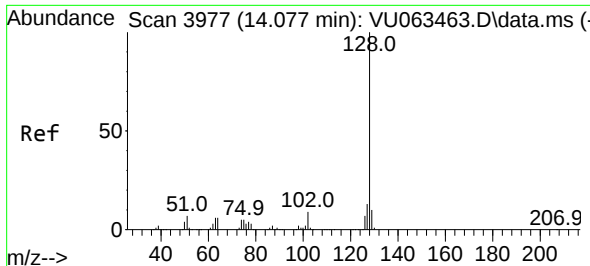
Tgt Ion:180 Resp: 129486
Ion Ratio Lower Upper
180 100
182 95.7 47.7 143.1
145 32.4 16.6 49.7



#94
Hexachlorobutadiene
Concen: 54.628 ug/l
RT: 14.013 min Scan# 3957
Delta R.T. -0.000 min
Lab File: VU063466.D
Acq: 08 Jul 2025 15:49

Tgt Ion:225 Resp: 54527
Ion Ratio Lower Upper
225 100
223 60.2 32.4 97.0
227 62.5 32.3 96.9

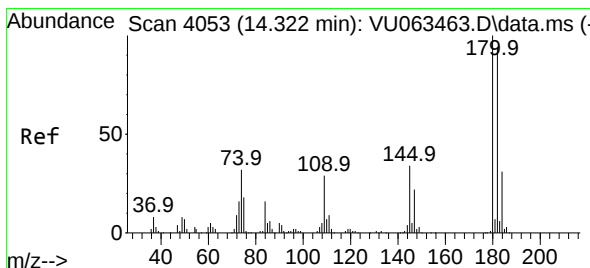
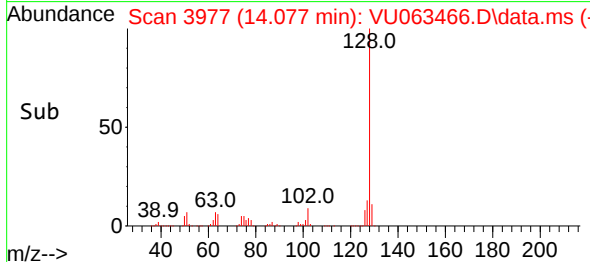
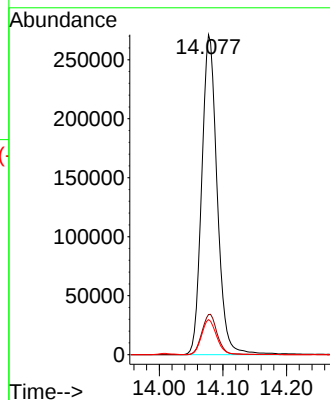
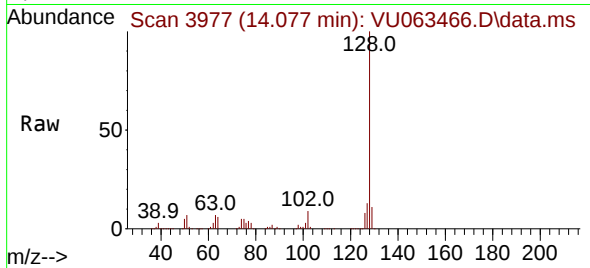




#95
Naphthalene
Concen: 59.699 ug/l
RT: 14.077 min Scan# 3977
Delta R.T. -0.000 min
Lab File: VU063466.D
Acq: 08 Jul 2025 15:49

Instrument :
MSVOA_U
ClientSampleId :
ICVVU070825

Tgt Ion:128 Resp: 456524
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.7 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 55.262 ug/l
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU063466.D
Acq: 08 Jul 2025 15:49

Tgt Ion:180 Resp: 126813
Ion Ratio Lower Upper
180 100
182 94.8 47.8 143.3
145 34.5 17.2 51.5

