

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060524\
 Data File : VU059149.D
 Acq On : 05 Jun 2024 12:31
 Operator : MD/SY
 Sample : VSTDICC015
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 06 02:39:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U060524DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jun 06 02:35:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.103	96	53366	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.634	95	19050	1.049	ug/l	0.00
Spiked Amount	1.000		Recovery	=	105.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	19810	1.042	ug/l	0.00
Spiked Amount	1.000		Recovery	=	104.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	74136	4.434	ug/l	99
3) Chloromethane	1.521	50	276642	13.745	ug/l	98
4) Vinyl Chloride	1.602	62	83930	4.126	ug/l	98
5) Bromomethane	1.849	94	163942	13.265	ug/l	98
6) Chloroethane	1.920	64	63187	4.829	ug/l	99
7) Trichlorofluoromethane	2.103	101	519608	20.589	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.531	101	189902	14.637	ug/l	98
9) 1,1-Dichloroethene	2.534	96	199243	15.500	ug/l	97
10) Iodomethane	2.682	142	206195	12.786	ug/l	97
11) Allyl Chloride	2.888	41	266425	15.336	ug/l	100
12) Acrylonitrile	3.325	53	93206	32.096	ug/l	95
13) Acetone	2.644	43	376341	84.711	ug/l	100
14) Carbon Disulfide	2.747	76	556050	13.574	ug/l	100
15) Methylene Chloride	3.017	84	235824	13.383	ug/l	98
16) trans-1,2-Dichloroethene	3.322	96	211969	15.113	ug/l	98
17) 1,1-Dichloroethane	3.843	63	431367	14.687	ug/l	99
18) 2-Butanone	4.717	43	419886	85.613	ug/l	99
19) Cyclohexane	5.364	56	335631	15.790	ug/l	93
20) Methylcyclohexane	6.750	83	378745	17.732	ug/l	99
21) 2,2-Dichloropropane	4.640	77	331028	15.238	ug/l	99
22) cis-1,2-Dichloroethene	4.647	96	238676	15.659	ug/l	100
23) Diethyl Ether	2.354	59	224525	18.628	ug/l	96
24) tert-Butyl Alcohol	3.164	59	2155	2.675	ug/l	# 89
25) Methyl tert-Butyl Ether	3.361	73	501508	16.273	ug/l	99
26) Bromochloromethane	4.959	128	95716	14.869	ug/l	100
27) Chloroform	5.074	83	425769	14.421	ug/l	99
28) 1,1,1-Trichloroethane	5.296	97	347874	14.944	ug/l	100
29) 1,1-Dichloropropene	5.508	75	309301	15.857	ug/l	99
30) Carbon Tetrachloride	5.505	117	277223	14.521	ug/l	99
31) Isopropyl Ether	3.991	45	646489	16.784	ug/l	98
32) Ethyl-t-butyl ether	4.499	59	622875	17.381	ug/l	99
33) Tert-Amyl methyl ether	5.939	73	549075	17.356	ug/l	100
34) Propionitrile	4.804	54	75631	67.984	ug/l	# 1
35) Benzene	5.759	78	941497	15.346	ug/l	100
36) 1,2-Dichloroethane	5.782	62	273887	15.053	ug/l	100
37) Trichloroethene	6.531	130	216857	14.800	ug/l	94
38) 1,2-Dichloropropane	6.782	63	264495	15.182	ug/l	100
39) Methacrylonitrile	4.975	41	66573	15.898	ug/l	95
40) Methyl acrylate	4.846	55	134566	18.371	ug/l	98
41) Tetrahydrofuran	5.065	42	68832	30.519	ug/l	99
42) 1-Chlorobutane	5.441	56	442886	16.428	ug/l	98
43) Dibromomethane	6.910	93	118357	15.005	ug/l	99
44) Bromodichloromethane	7.100	83	307019	15.022	ug/l	98

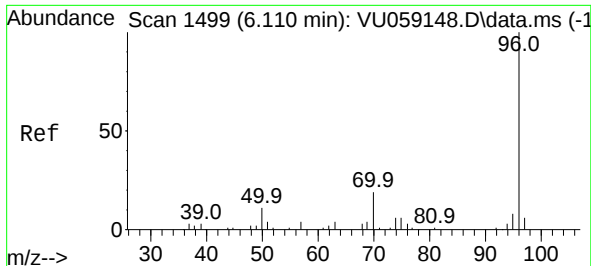
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060524\
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jun 06 02:35:41 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.795	43	716068	84.678	ug/l	99
46) t-1,4-Dichloro-2-butene	10.827	75	297541	81.877	ug/l #	49
47) Methyl methacrylate	6.962	69	237919	35.123	ug/l	98
48) Ethyl methacrylate	8.335	69	224482	18.759	ug/l	99
49) Toluene	7.962	92	569473	16.855	ug/l	99
50) t-1,3-Dichloropropene	8.206	75	295159	16.878	ug/l	99
51) cis-1,3-Dichloropropene	7.602	75	352362	16.448	ug/l	99
52) 1,1,2-Trichloroethane	8.396	97	178089	15.279	ug/l	96
53) 1,3-Dichloropropane	8.569	76	310696	15.471	ug/l	99
54) 2-Hexanone	8.692	43	623325	77.874	ug/l	99
55) Dibromochloromethane	8.807	129	191866	15.210	ug/l	99
56) 1,2-Dibromoethane	8.920	107	158129	15.469	ug/l	100
58) Tetrachloroethene	8.547	164	191270	14.162	ug/l	99
59) Chlorobenzene	9.444	112	607438	16.432	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.531	131	203484	15.368	ug/l	100
61) Pentachloroethane	11.425	117	164308	15.997	ug/l	97
62) Hexachloroethane	12.470	117	178251	17.071	ug/l	97
63) Ethyl Benzene	9.566	91	1133967	18.109	ug/l	99
64) m/p-Xylenes	9.688	106	852352	36.209	ug/l	99
65) o-Xylene	10.097	106	419374	18.066	ug/l	100
66) Styrene	10.113	104	686699	15.145	ug/l	99
67) Bromoform	10.290	173	105133	15.393	ug/l	98
69) Isopropylbenzene	10.479	105	1093342	18.383	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.782	83	225723	15.404	ug/l	98
71) 1,2,3-Trichloropropane	10.827	75	297541	27.307	ug/l #	74
72) Bromobenzene	10.778	156	235352	16.507	ug/l	99
73) n-propylbenzene	10.900	120	291768	15.092	ug/l	99
74) 2-Chlorotoluene	10.984	126	247750	17.047	ug/l	99
75) 1,3,5-Trimethylbenzene	11.084	105	937818	15.155	ug/l	100
76) 4-Chlorotoluene	11.093	126	259056	17.051	ug/l	98
77) tert-Butylbenzene	11.415	119	869473	18.213	ug/l	100
78) 1,2,4-Trimethylbenzene	11.463	105	958410	15.089	ug/l	100
79) sec-Butylbenzene	11.640	105	1210925	15.087	ug/l	99
80) Nitrobenzene	13.206	77	31280	75.254	ug/l	94
81) p-Isopropyltoluene	11.788	119	972074	15.046	ug/l	100
82) 1,3-Dichlorobenzene	11.743	146	481627	15.941	ug/l	99
83) 1,4-Dichlorobenzene	11.833	146	479786	15.880	ug/l	99
84) n-Butylbenzene	12.206	91	925375	14.918	ug/l	99
85) 1,2-Dichlorobenzene	12.209	146	450807	15.809	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.994	75	32906	16.502	ug/l	97
87) 1,2,4-Trichlorobenzene	13.836	180	255085	16.712	ug/l	100
88) Hexachlorobutadiene	14.016	225	153822	16.144	ug/l	99
89) Naphthalene	14.084	128	410875	17.035	ug/l	99
90) 1,2,3-Trichlorobenzene	14.325	180	233710	16.840	ug/l	99

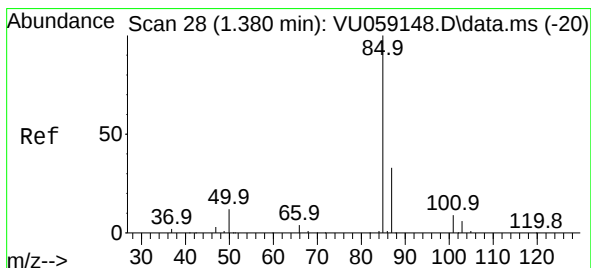
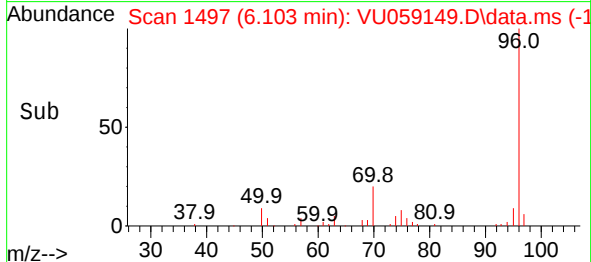
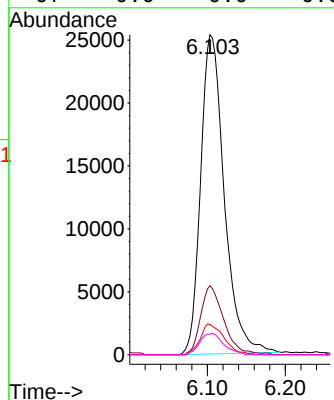
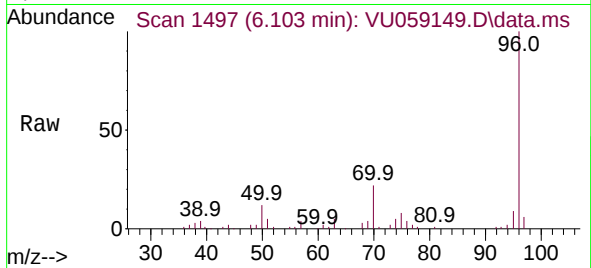
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.103 min Scan# 1499
Delta R.T. -0.007 min
Lab File: VU059149.D
Acq: 05 Jun 2024 12:31

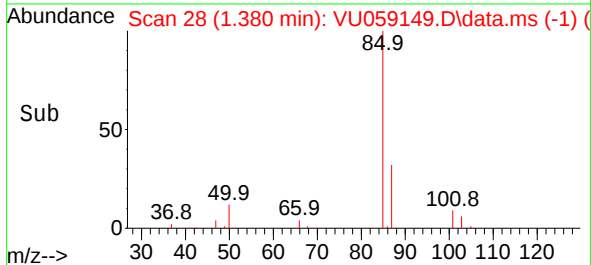
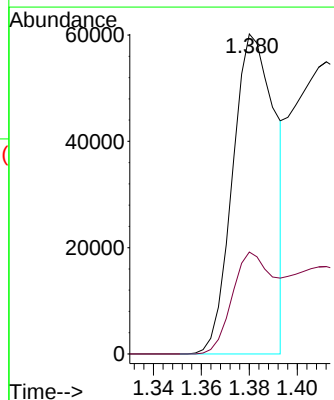
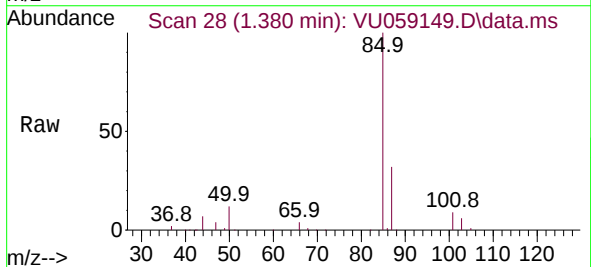
Instrument :
MSVOA_U
ClientSampleId :

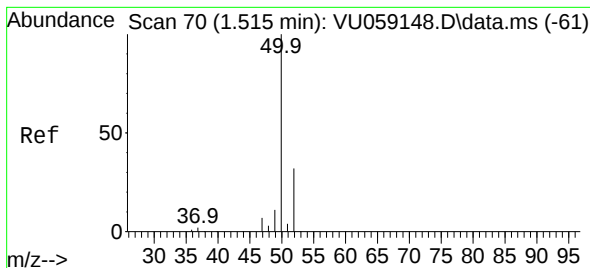
Tgt Ion: 96	Resp: 53366
Ion Ratio	Lower Upper
96 100	
70 20.3	16.6 24.8
95 9.7	7.1 10.7
97 0.0	0.0 0.0



#2
Dichlorodifluoromethane
Concen: 4.434 ug/l
RT: 1.380 min Scan# 28
Delta R.T. 0.000 min
Lab File: VU059149.D
Acq: 05 Jun 2024 12:31

Tgt Ion: 85	Resp: 74136
Ion Ratio	Lower Upper
85 100	
87 31.9	16.3 48.9





#3

Chloromethane

Concen: 13.745 ug/l

RT: 1.521 min Scan# 71

Delta R.T. 0.006 min

Lab File: VU059149.D

Acq: 05 Jun 2024 12:31

Instrument :

MSVOA_U

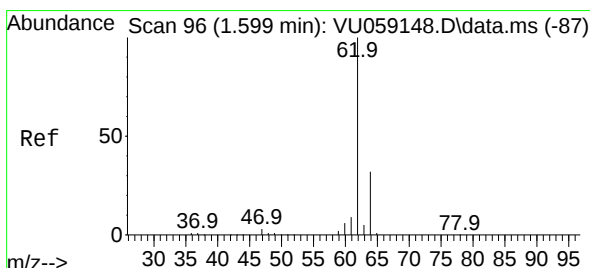
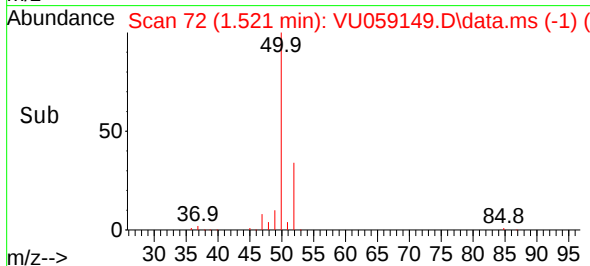
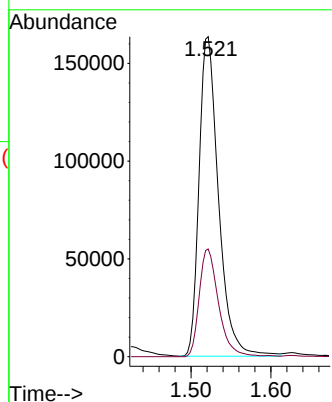
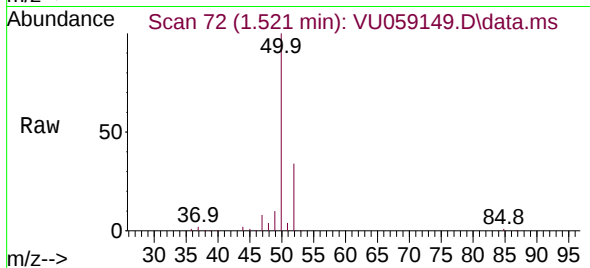
ClientSampleId :

Tgt Ion: 50 Resp: 276642

Ion Ratio Lower Upper

50 100

52 33.7 26.0 39.0



#4

Vinyl Chloride

Concen: 4.126 ug/l

RT: 1.602 min Scan# 97

Delta R.T. 0.003 min

Lab File: VU059149.D

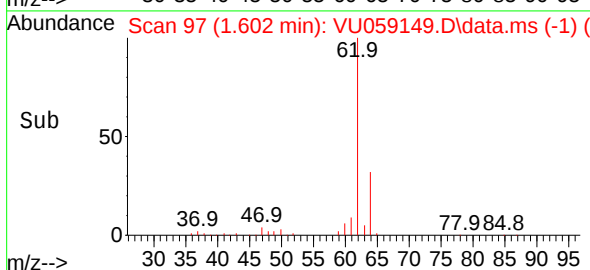
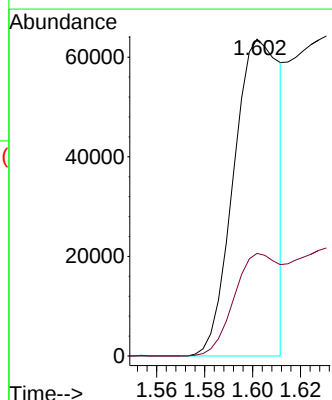
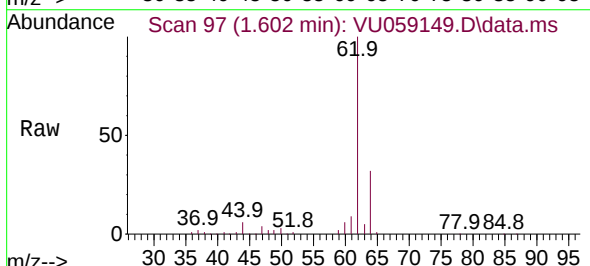
Acq: 05 Jun 2024 12:31

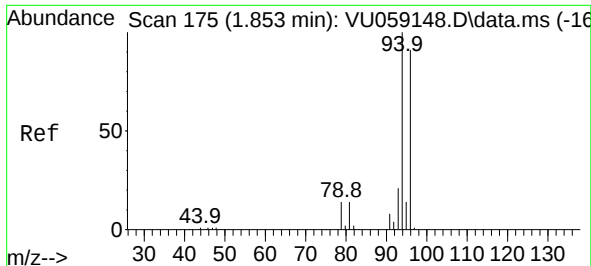
Tgt Ion: 62 Resp: 83930

Ion Ratio Lower Upper

62 100

64 32.4 25.2 37.8

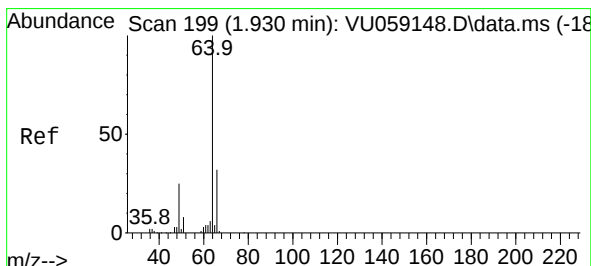
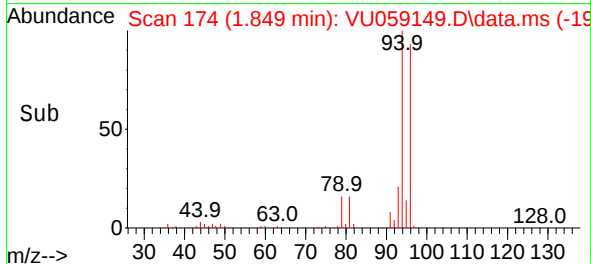
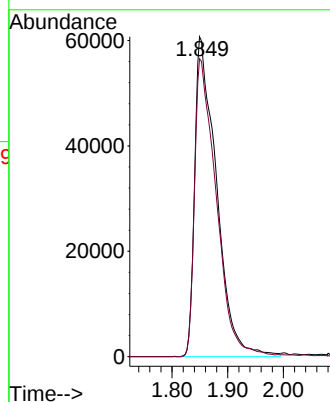
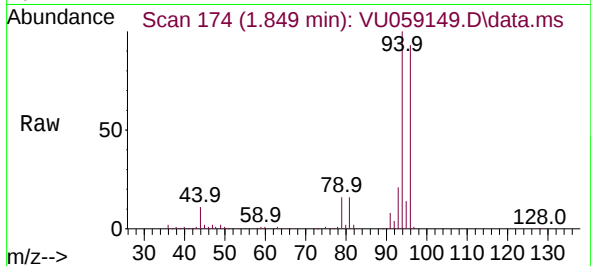




#5
Bromomethane
Concen: 13.265 ug/l
RT: 1.849 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU059149.D
Acq: 05 Jun 2024 12:31

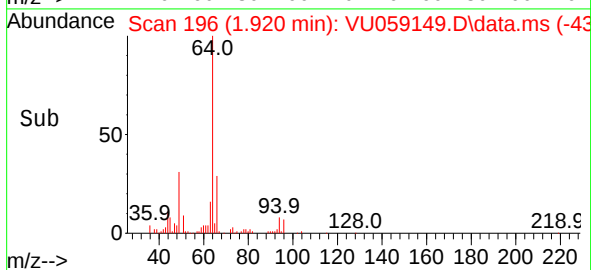
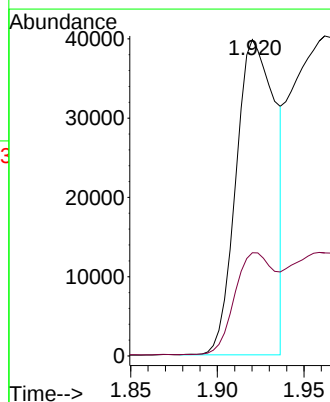
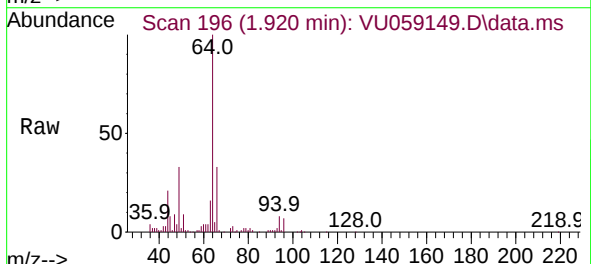
Instrument :
MSVOA_U
ClientSampleId :

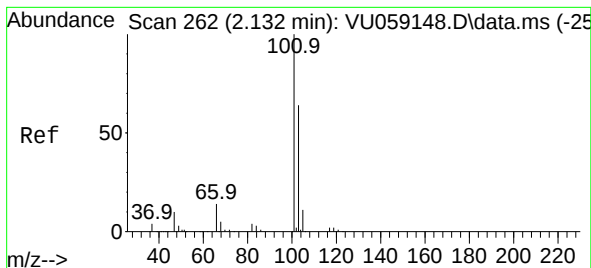
Tgt Ion: 94 Resp: 163942
Ion Ratio Lower Upper
94 100
96 93.1 72.7 109.1



#6
Chloroethane
Concen: 4.829 ug/l
RT: 1.920 min Scan# 196
Delta R.T. -0.010 min
Lab File: VU059149.D
Acq: 05 Jun 2024 12:31

Tgt Ion: 64 Resp: 63187
Ion Ratio Lower Upper
64 100
66 32.3 25.5 38.3





#7

Trichlorofluoromethane

Concen: 20.589 ug/l

RT: 2.103 min Scan# 21

Delta R.T. -0.029 min

Lab File: VU059149.D

Acq: 05 Jun 2024 12:31

Instrument :

MSVOA_U

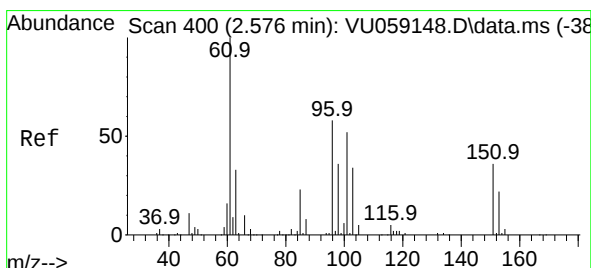
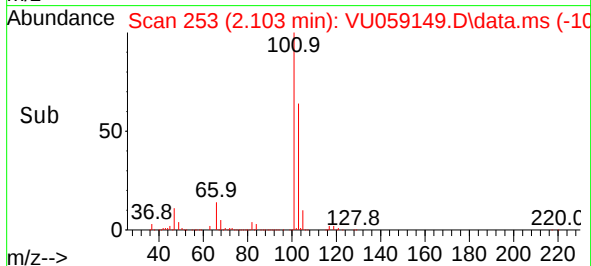
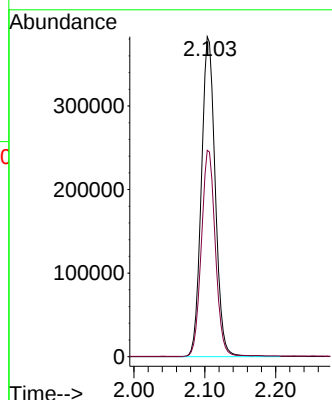
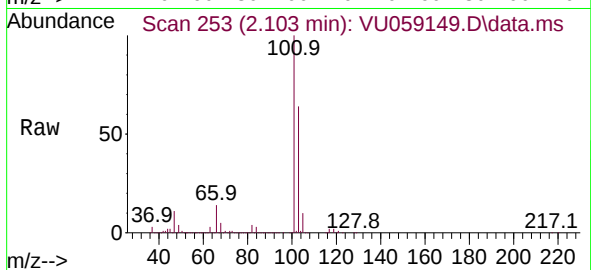
ClientSampleId :

Tgt Ion:101 Resp: 519608

Ion Ratio Lower Upper

101 100

103 64.4 51.1 76.7



#8

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 14.637 ug/l

RT: 2.531 min Scan# 386

Delta R.T. -0.045 min

Lab File: VU059149.D

Acq: 05 Jun 2024 12:31

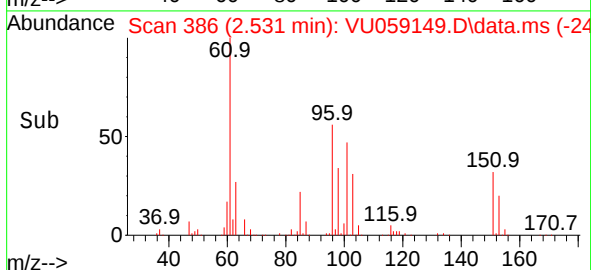
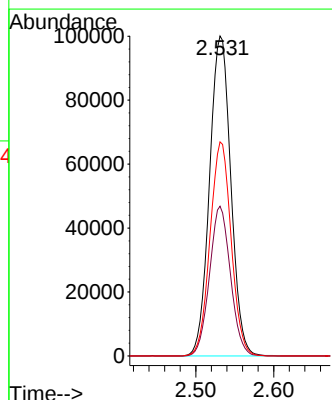
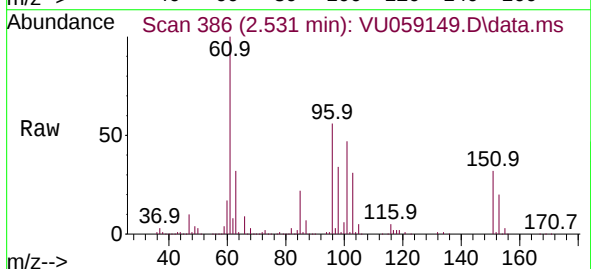
Tgt Ion:101 Resp: 189902

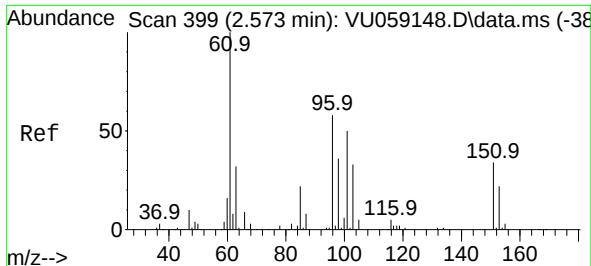
Ion Ratio Lower Upper

101 100

85 46.0 36.1 54.1

151 66.4 55.0 82.6

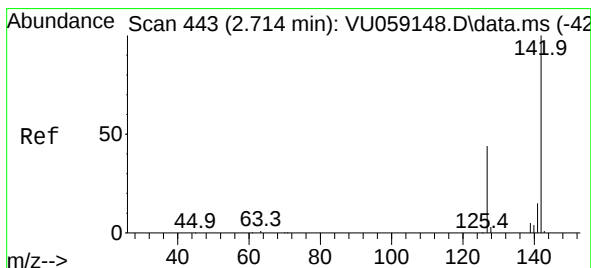
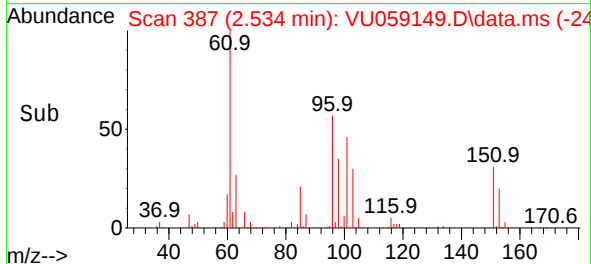
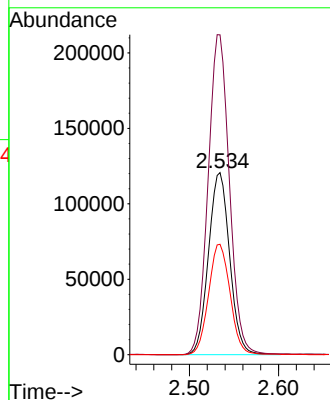
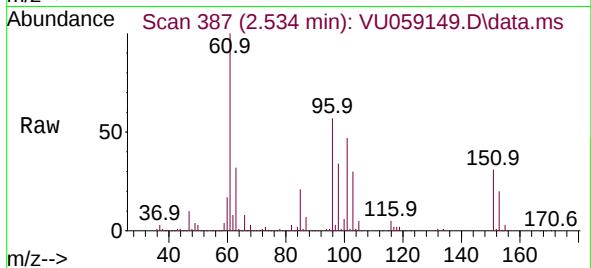




#9
1,1-Dichloroethene
Concen: 15.500 ug/l
RT: 2.534 min Scan# 399
Delta R.T. -0.039 min
Lab File: VU059149.D
Acq: 05 Jun 2024 12:31

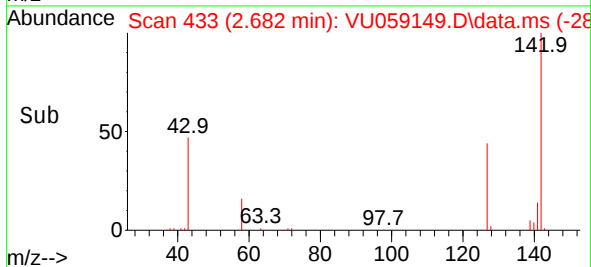
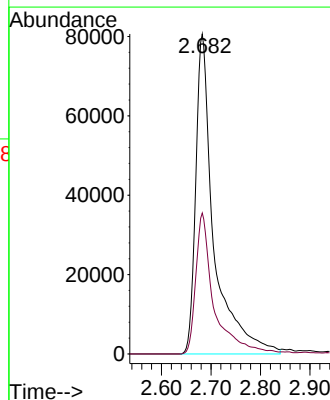
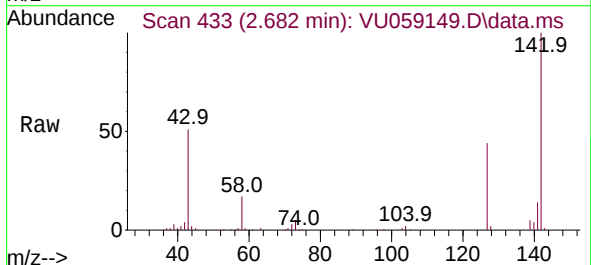
Instrument :
MSVOA_U
ClientSampleId :

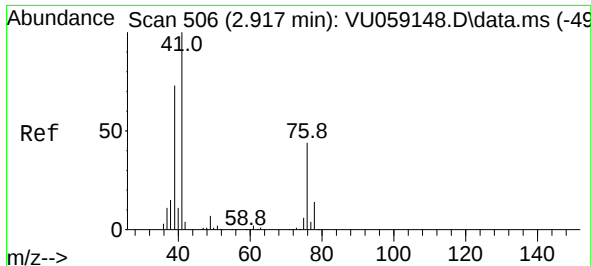
Tgt Ion: 96 Resp: 199243
Ion Ratio Lower Upper
96 100
61 175.7 0.0 515.4
98 60.6 0.0 124.4



#10
Iodomethane
Concen: 12.786 ug/l
RT: 2.682 min Scan# 433
Delta R.T. -0.032 min
Lab File: VU059149.D
Acq: 05 Jun 2024 12:31

Tgt Ion:142 Resp: 206195
Ion Ratio Lower Upper
142 100
127 43.5 36.2 54.4





#11

Allyl Chloride

Concen: 15.336 ug/l

RT: 2.888 min Scan# 497

Delta R.T. -0.029 min

Lab File: VU059149.D

Acq: 05 Jun 2024 12:31

Instrument :

MSVOA_U

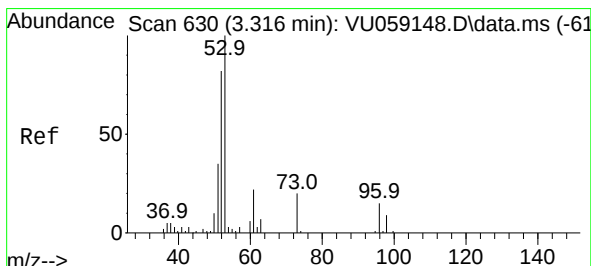
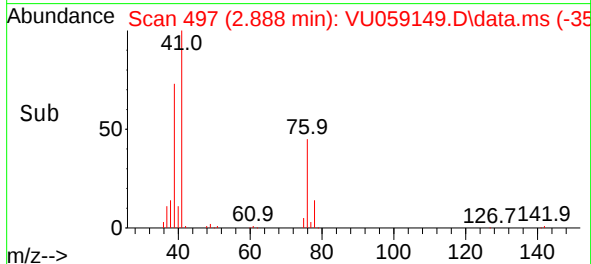
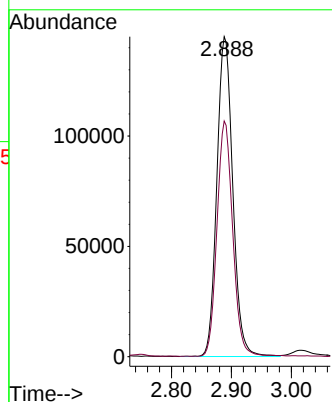
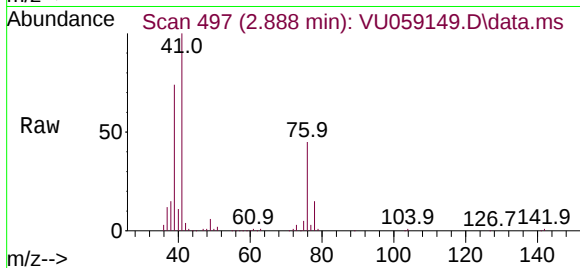
ClientSampleId :

Tgt Ion: 41 Resp: 266425

Ion Ratio Lower Upper

41 100

39 72.6 58.1 87.1



#12

Acrylonitrile

Concen: 32.096 ug/l

RT: 3.325 min Scan# 633

Delta R.T. 0.010 min

Lab File: VU059149.D

Acq: 05 Jun 2024 12:31

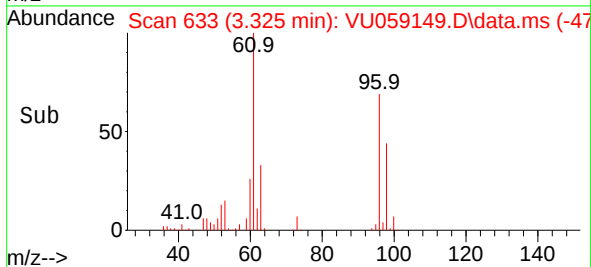
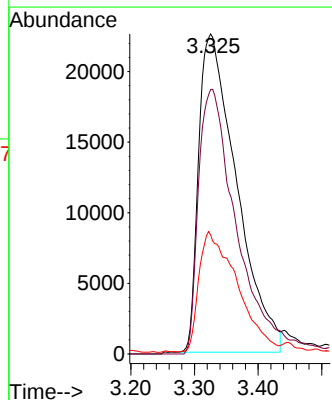
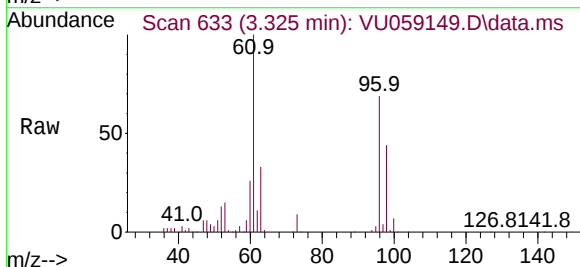
Tgt Ion: 53 Resp: 93206

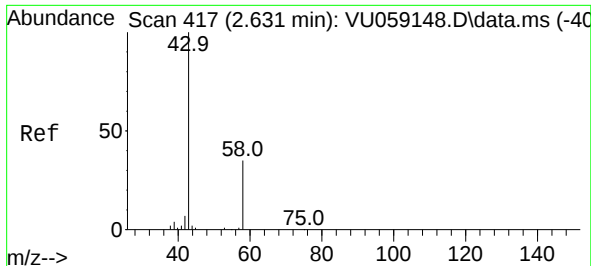
Ion Ratio Lower Upper

53 100

52 84.9 64.2 96.4

51 38.2 33.0 49.4





#13

Acetone

Concen: 84.711 ug/l

RT: 2.644 min Scan# 41

Delta R.T. 0.013 min

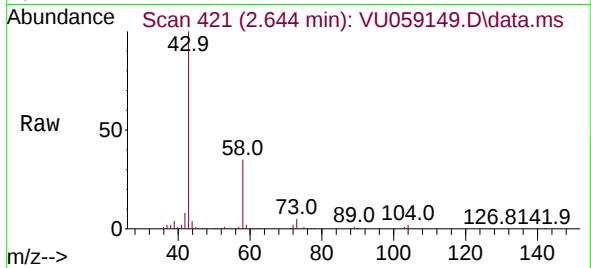
Lab File: VU059149.D

Acq: 05 Jun 2024 12:31

Instrument :

MSVOA_U

ClientSampleId :

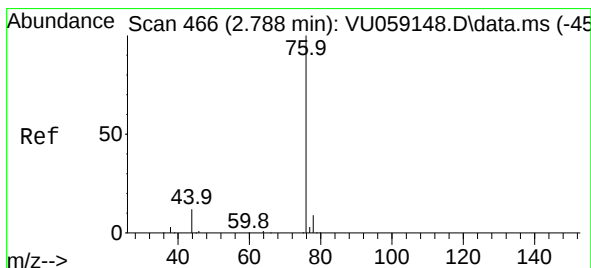
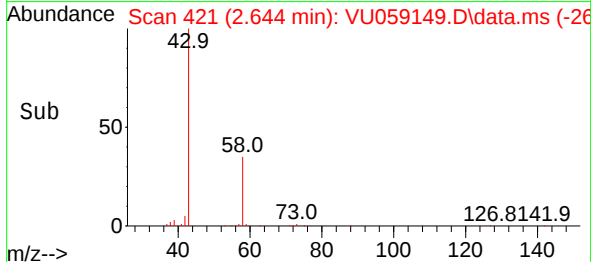
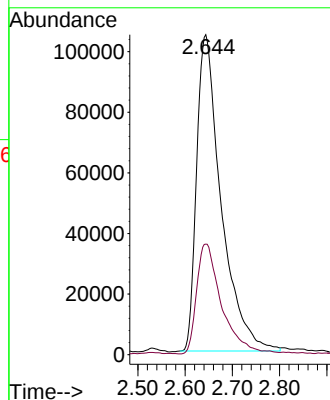


Tgt Ion: 43 Resp: 376341

Ion Ratio Lower Upper

43 100

58 34.7 27.9 41.9



#14

Carbon Disulfide

Concen: 13.574 ug/l

RT: 2.747 min Scan# 453

Delta R.T. -0.042 min

Lab File: VU059149.D

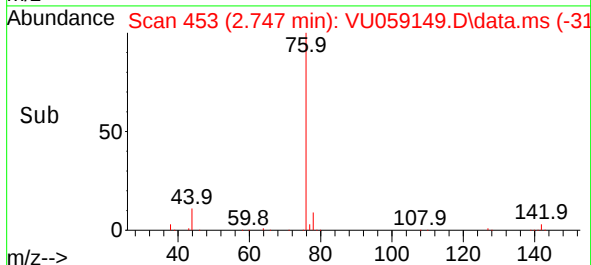
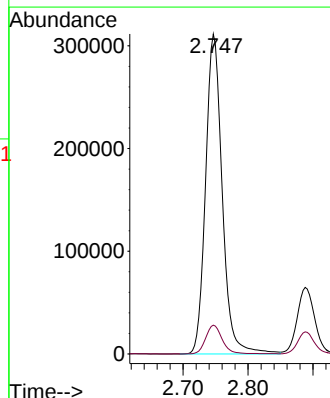
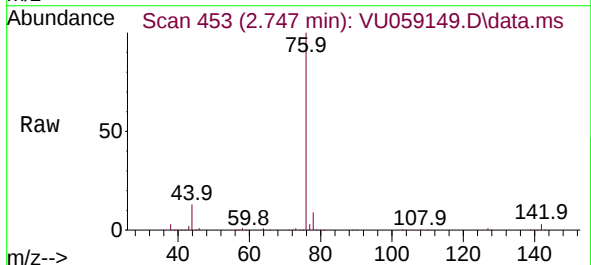
Acq: 05 Jun 2024 12:31

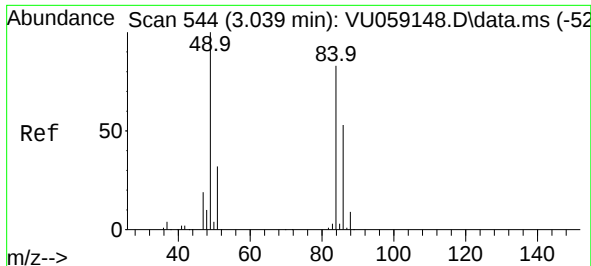
Tgt Ion: 76 Resp: 556050

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9





#15

Methylene Chloride

Concen: 13.383 ug/l

RT: 3.017 min Scan# 51

Delta R.T. -0.022 min

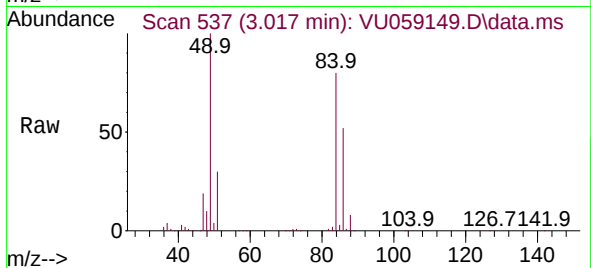
Lab File: VU059149.D

Acq: 05 Jun 2024 12:31

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 84 Resp: 235824

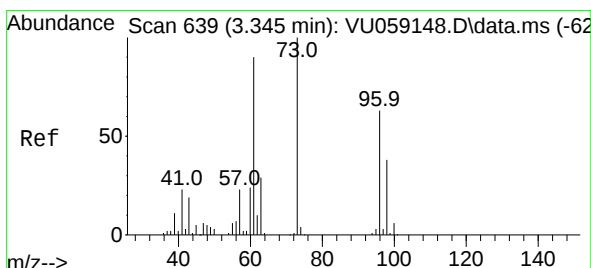
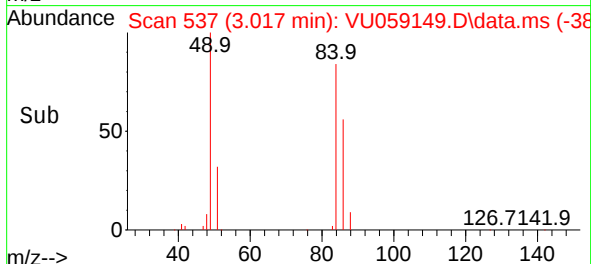
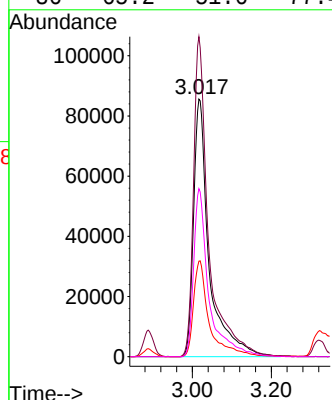
Ion Ratio Lower Upper

84 100

49 124.3 96.7 145.1

51 37.1 0.0 76.8

86 65.2 51.6 77.4



#16

trans-1,2-Dichloroethene

Concen: 15.113 ug/l

RT: 3.322 min Scan# 632

Delta R.T. -0.022 min

Lab File: VU059149.D

Acq: 05 Jun 2024 12:31

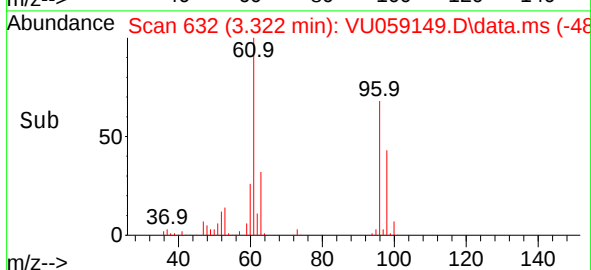
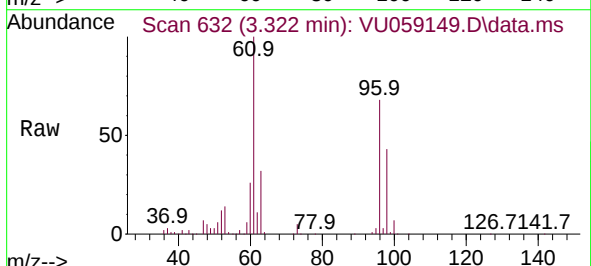
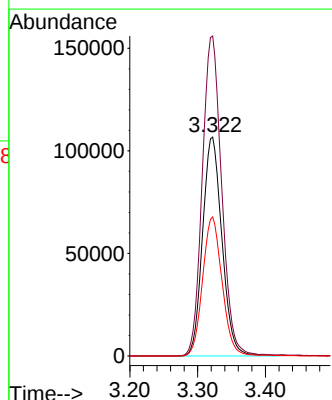
Tgt Ion: 96 Resp: 211969

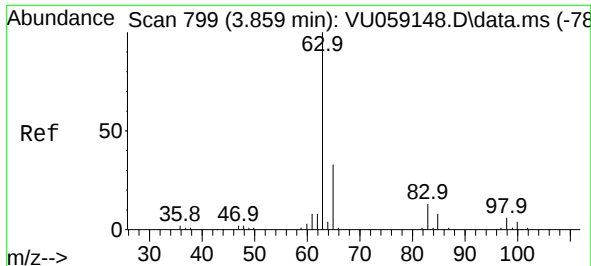
Ion Ratio Lower Upper

96 100

61 146.1 114.8 172.2

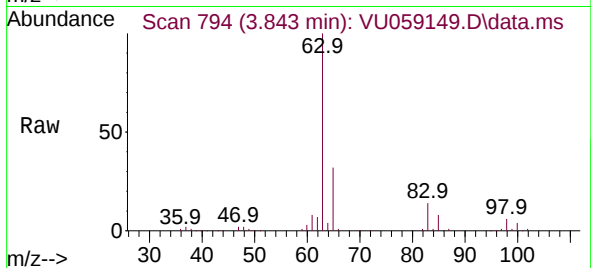
98 63.5 48.8 73.2



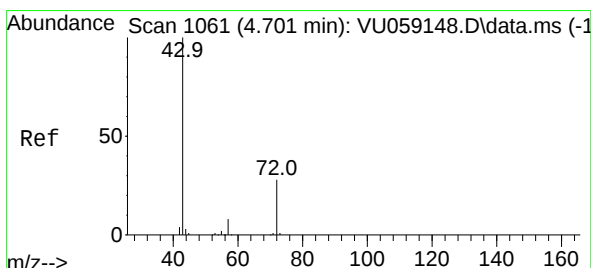
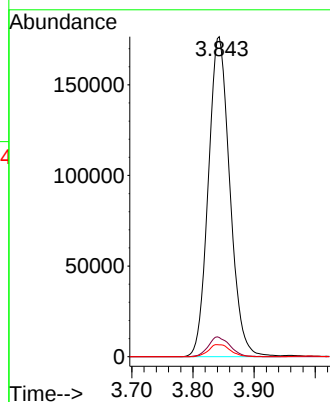
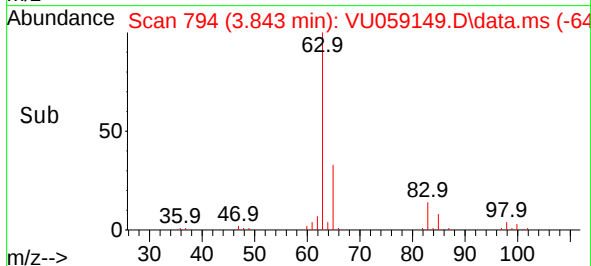


#17
1,1-Dichloroethane
Concen: 14.687 ug/l
RT: 3.843 min Scan# 799
Delta R.T. -0.016 min
Lab File: VU059149.D
Acq: 05 Jun 2024 12:31

Instrument :
MSVOA_U
ClientSampleId :

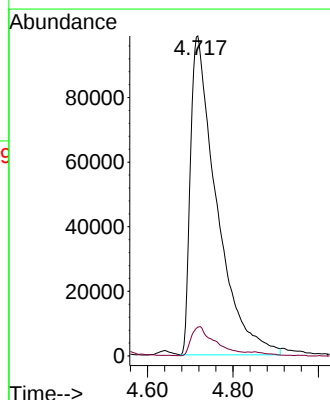
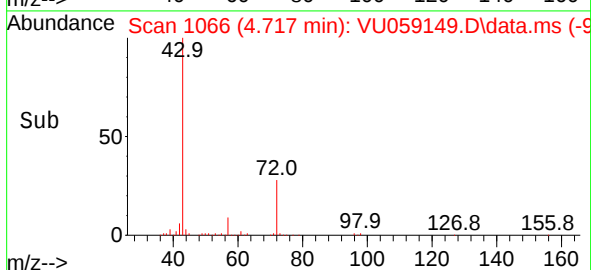
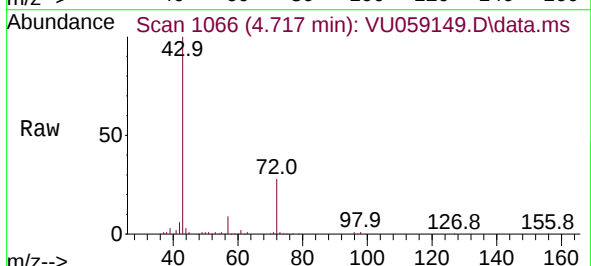


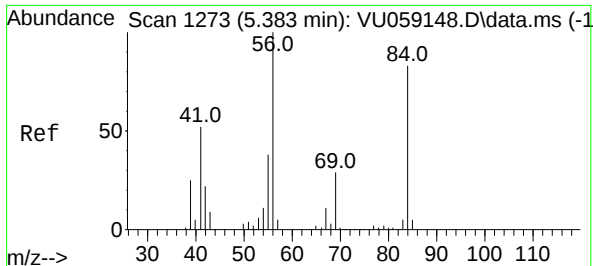
Tgt Ion: 63 Resp: 431367
Ion Ratio Lower Upper
63 100
98 6.0 3.2 9.6
100 3.7 2.1 6.5



#18
2-Butanone
Concen: 85.613 ug/l
RT: 4.717 min Scan# 1066
Delta R.T. 0.016 min
Lab File: VU059149.D
Acq: 05 Jun 2024 12:31

Tgt Ion: 43 Resp: 419886
Ion Ratio Lower Upper
43 100
57 8.9 0.0 16.8





#19

Cyclohexane

Concen: 15.790 ug/l

RT: 5.364 min Scan# 1698

Delta R.T. -0.019 min

Lab File: VU059149.D

Acq: 05 Jun 2024 12:31

Instrument :

MSVOA_U

ClientSampleId :

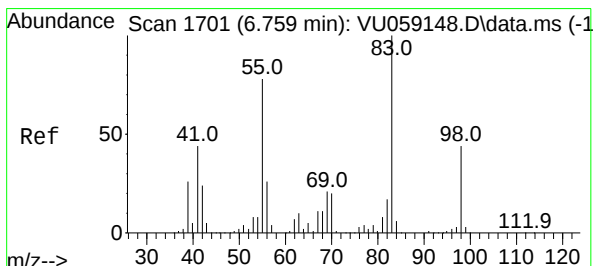
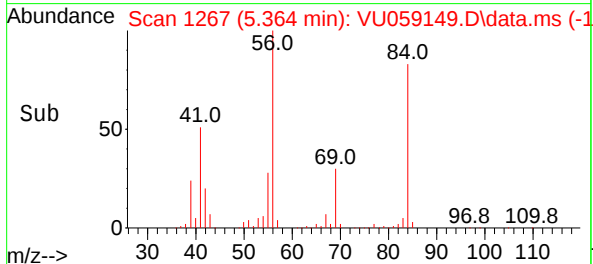
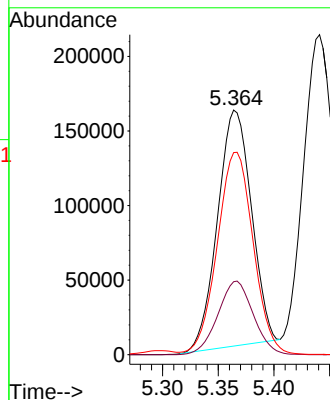
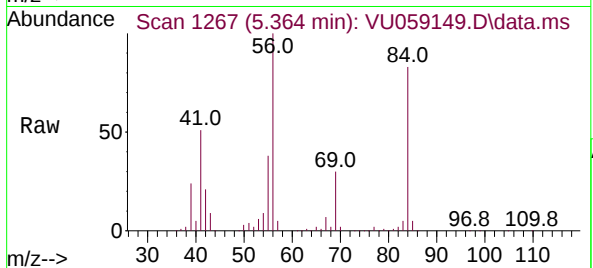
Tgt Ion: 56 Resp: 335631

Ion Ratio Lower Upper

56 100

69 32.6 23.5 35.3

84 89.2 66.5 99.7



#20

Methylcyclohexane

Concen: 17.732 ug/l

RT: 6.750 min Scan# 1698

Delta R.T. -0.010 min

Lab File: VU059149.D

Acq: 05 Jun 2024 12:31

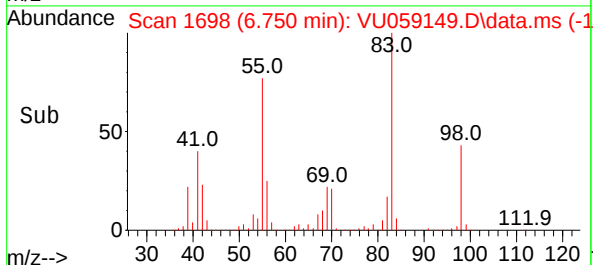
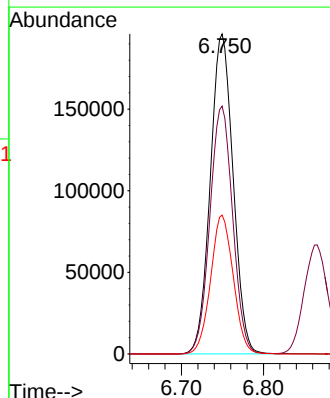
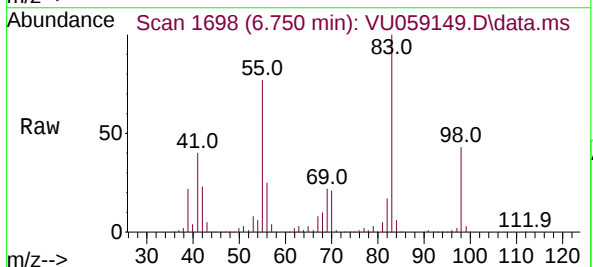
Tgt Ion: 83 Resp: 378745

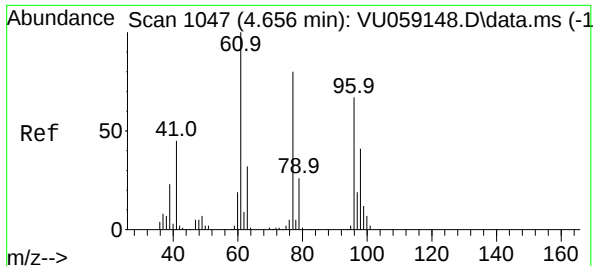
Ion Ratio Lower Upper

83 100

55 77.5 62.7 94.1

98 43.2 35.1 52.7

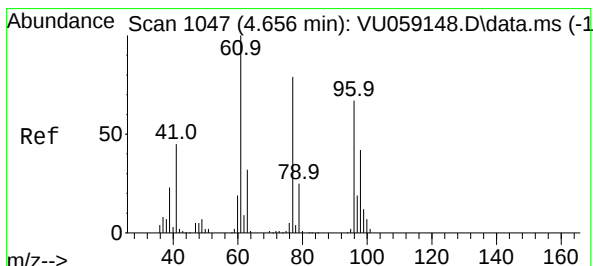
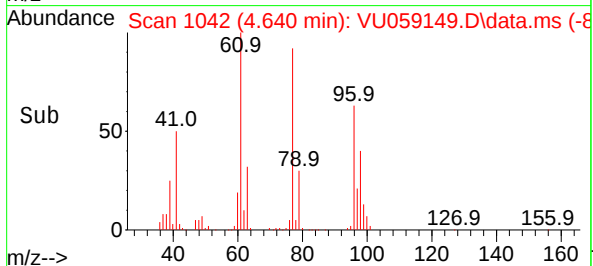
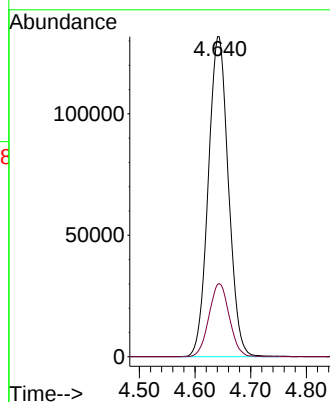
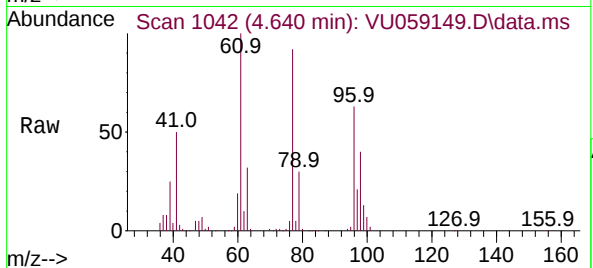




#21
2,2-Dichloropropane
Concen: 15.238 ug/l
RT: 4.640 min Scan# 1042
Delta R.T. -0.016 min
Lab File: VU059149.D
Acq: 05 Jun 2024 12:31

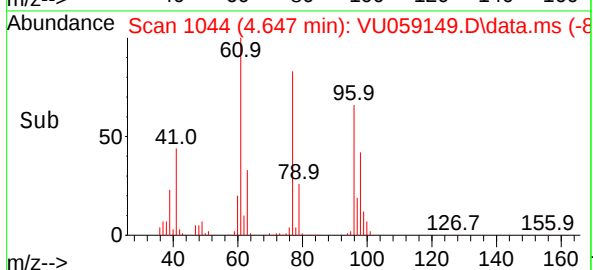
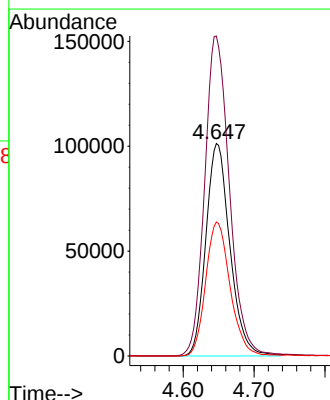
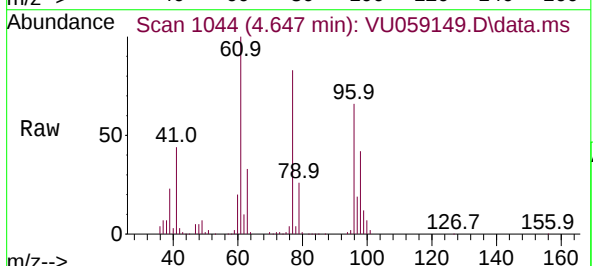
Instrument :
MSVOA_U
ClientSampleId :

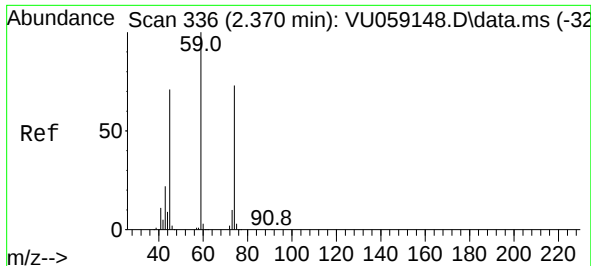
Tgt Ion: 77 Resp: 331028
Ion Ratio Lower Upper
77 100
97 23.1 18.1 27.1



#22
cis-1,2-Dichloroethene
Concen: 15.659 ug/l
RT: 4.647 min Scan# 1044
Delta R.T. -0.010 min
Lab File: VU059149.D
Acq: 05 Jun 2024 12:31

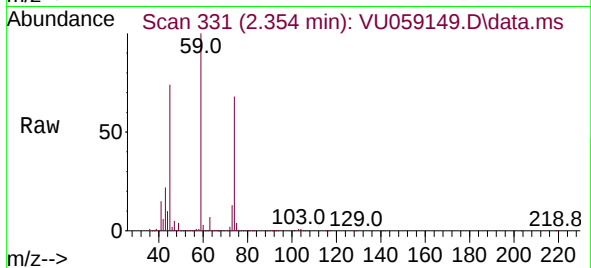
Tgt Ion: 96 Resp: 238676
Ion Ratio Lower Upper
96 100
61 155.7 0.0 388.5
98 64.1 31.8 95.3



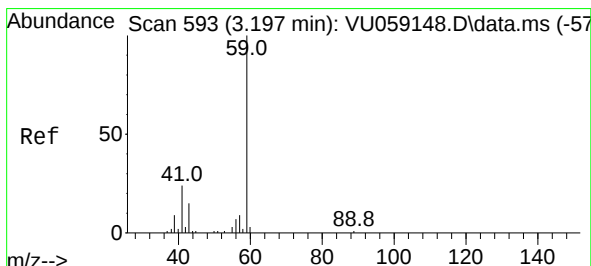
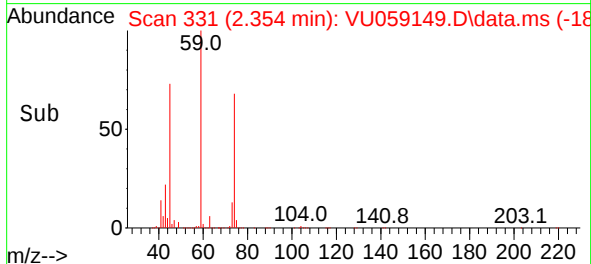
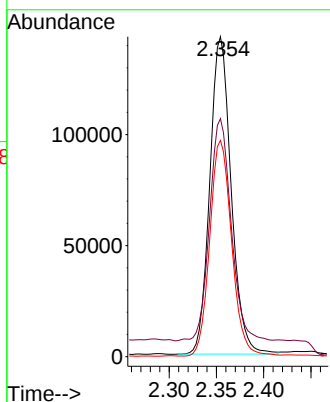


#23
Diethyl Ether
Concen: 18.628 ug/l
RT: 2.354 min Scan# 331
Delta R.T. -0.016 min
Lab File: VU059149.D
Acq: 05 Jun 2024 12:31

Instrument :
MSVOA_U
ClientSampleId :

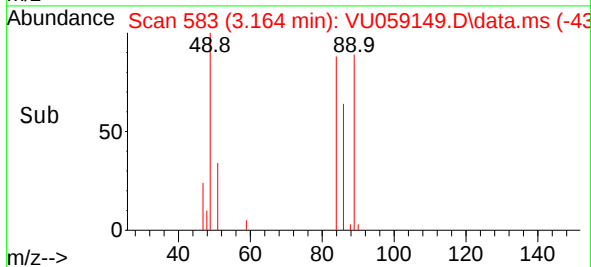
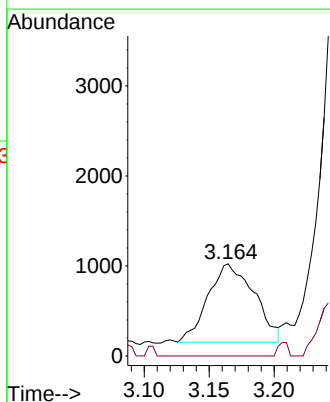
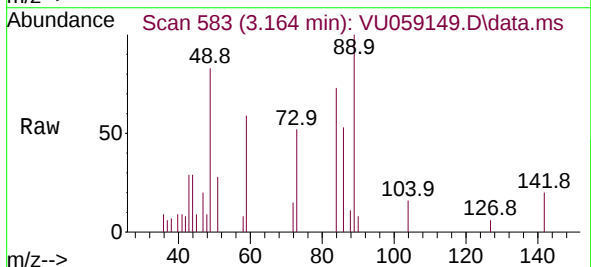


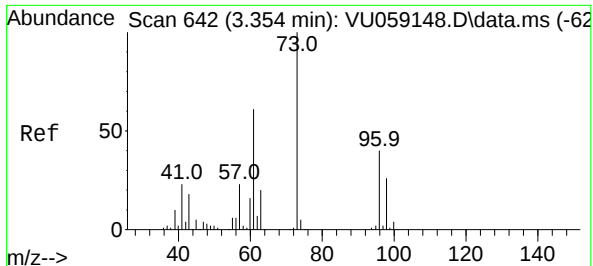
Tgt Ion: 59 Resp: 224525
Ion Ratio Lower Upper
59 100
45 69.6 58.8 88.2
74 69.4 58.0 87.0



#24
tert-Butyl Alcohol
Concen: 2.675 ug/l
RT: 3.164 min Scan# 583
Delta R.T. -0.032 min
Lab File: VU059149.D
Acq: 05 Jun 2024 12:31

Tgt Ion: 59 Resp: 2155
Ion Ratio Lower Upper
59 100
57 0.0 2.9 4.3#





#25

Methyl tert-Butyl Ether

Concen: 16.273 ug/l

RT: 3.361 min Scan# 642

Delta R.T. 0.006 min

Lab File: VU059149.D

Acq: 05 Jun 2024 12:31

Instrument :

MSVOA_U

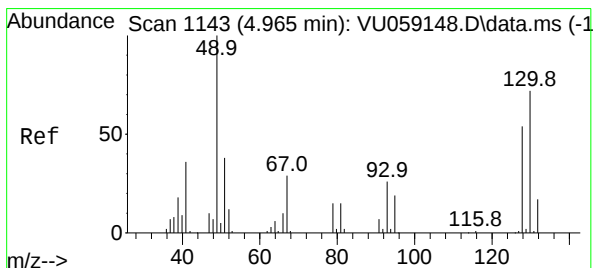
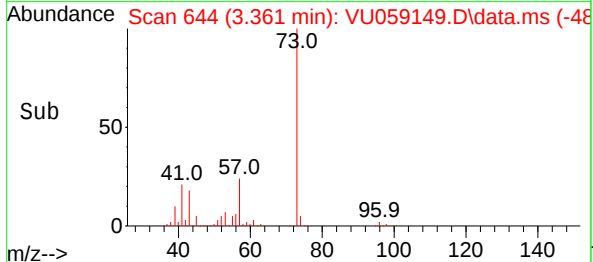
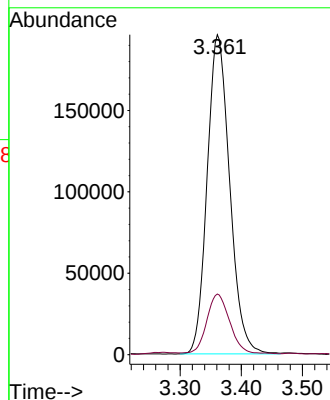
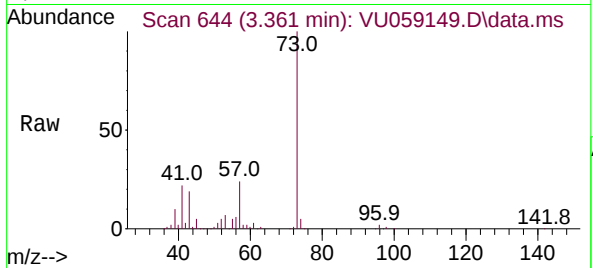
ClientSampleId :

Tgt Ion: 73 Resp: 501508

Ion Ratio Lower Upper

73 100

43 19.0 15.0 22.6



#26

Bromochloromethane

Concen: 14.869 ug/l

RT: 4.959 min Scan# 1141

Delta R.T. -0.006 min

Lab File: VU059149.D

Acq: 05 Jun 2024 12:31

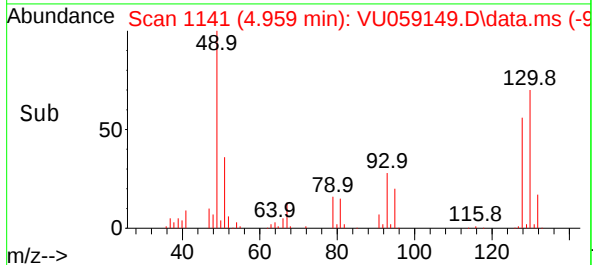
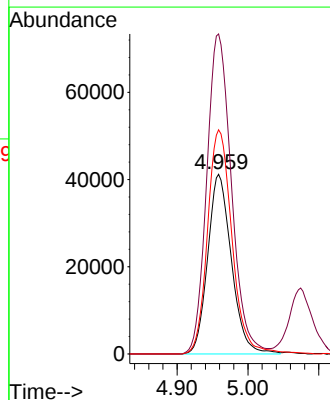
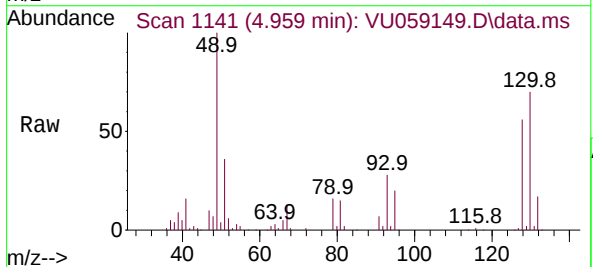
Tgt Ion: 128 Resp: 95716

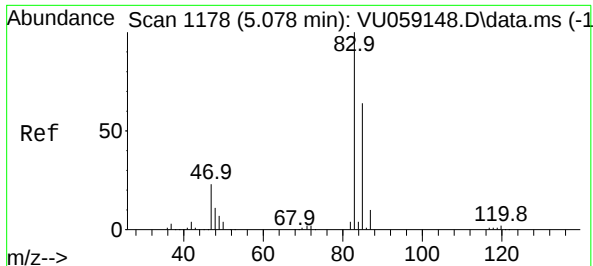
Ion Ratio Lower Upper

128 100

49 185.7 0.0 371.2

130 129.0 104.1 156.1

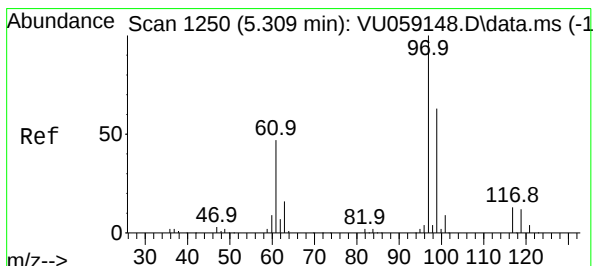
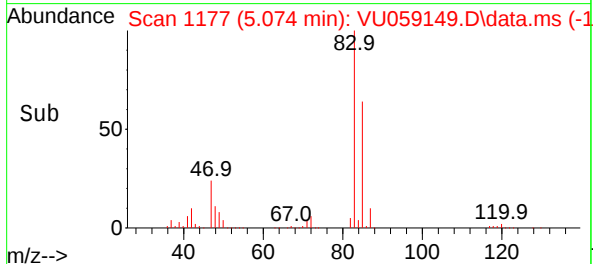
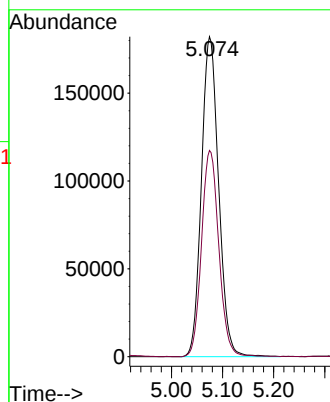
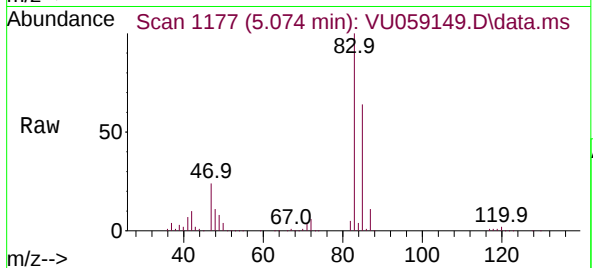




#27
Chloroform
Concen: 14.421 ug/l
RT: 5.074 min Scan# 1177
Delta R.T. -0.003 min
Lab File: VU059149.D
Acq: 05 Jun 2024 12:31

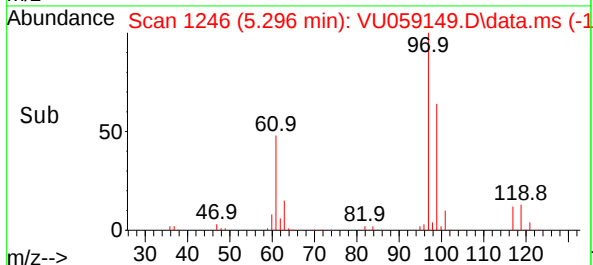
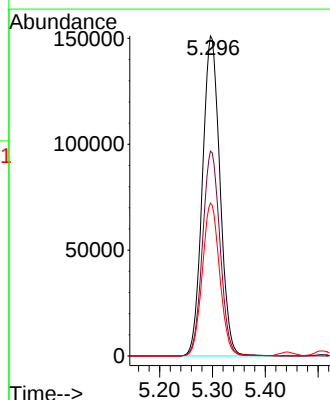
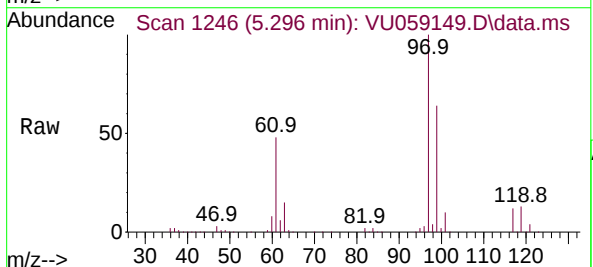
Instrument :
MSVOA_U
ClientSampleId :

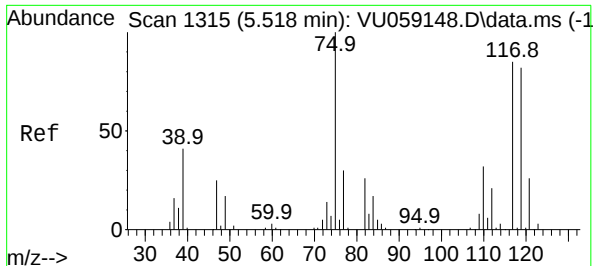
Tgt Ion: 83 Resp: 425769
Ion Ratio Lower Upper
83 100
85 64.5 0.0 127.2



#28
1,1,1-Trichloroethane
Concen: 14.944 ug/l
RT: 5.296 min Scan# 1246
Delta R.T. -0.013 min
Lab File: VU059149.D
Acq: 05 Jun 2024 12:31

Tgt Ion: 97 Resp: 347874
Ion Ratio Lower Upper
97 100
99 63.5 32.0 96.0
61 47.6 23.9 71.7

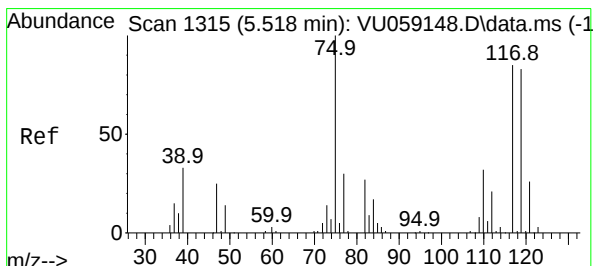
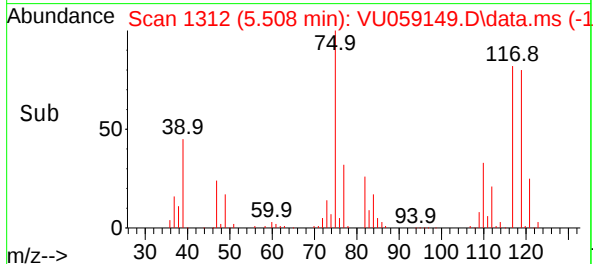
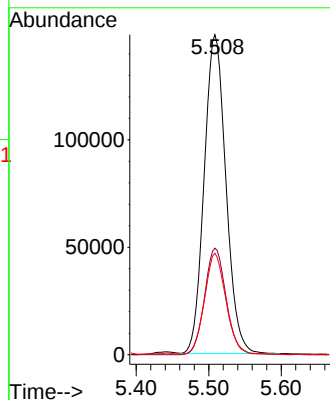
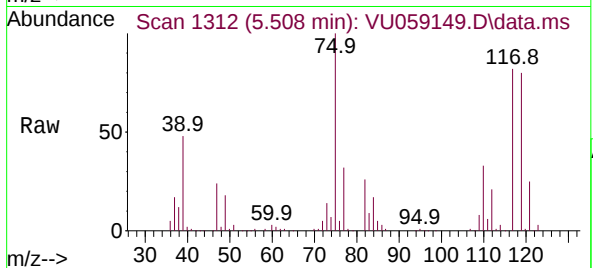




#29
1,1-Dichloropropene
Concen: 15.857 ug/l
RT: 5.508 min Scan# 1312
Delta R.T. -0.010 min
Lab File: VU059149.D
Acq: 05 Jun 2024 12:31

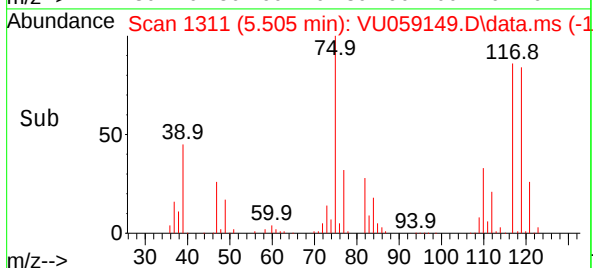
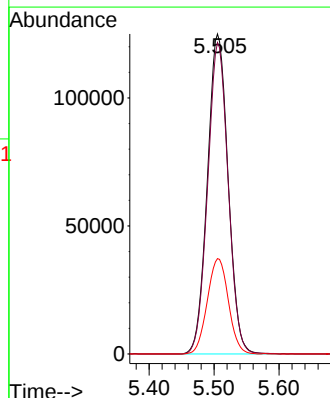
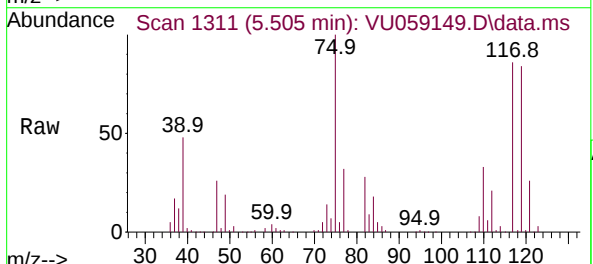
Instrument :
MSVOA_U
ClientSampleId :

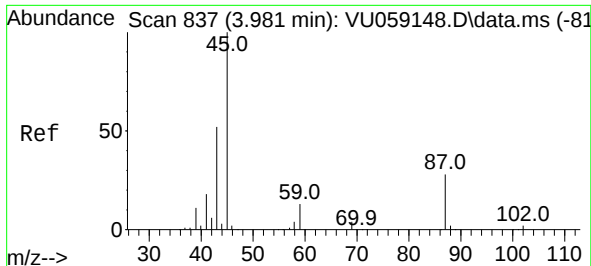
Tgt Ion: 75 Resp: 309301
Ion Ratio Lower Upper
75 100
110 33.2 17.0 50.9
77 31.0 24.6 36.8



#30
Carbon Tetrachloride
Concen: 14.521 ug/l
RT: 5.505 min Scan# 1311
Delta R.T. -0.013 min
Lab File: VU059149.D
Acq: 05 Jun 2024 12:31

Tgt Ion:117 Resp: 277223
Ion Ratio Lower Upper
117 100
119 97.3 77.5 116.3
121 29.8 24.6 37.0

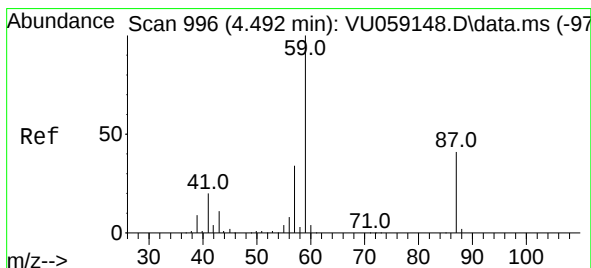
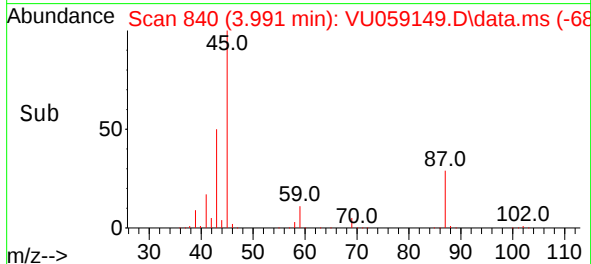
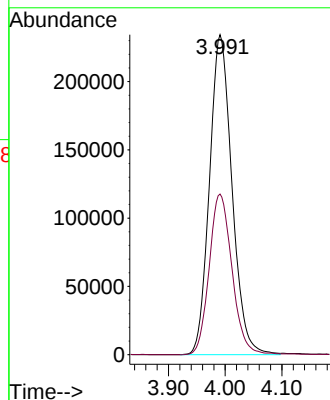
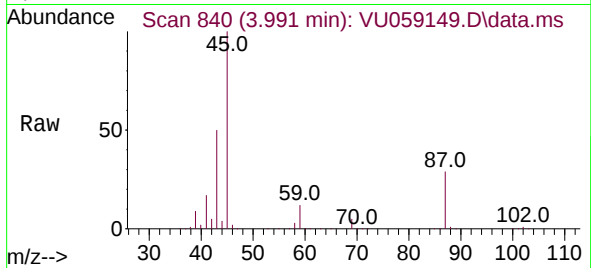




#31
Isopropyl Ether
Concen: 16.784 ug/l
RT: 3.991 min Scan# 841
Delta R.T. 0.010 min
Lab File: VU059149.D
Acq: 05 Jun 2024 12:31

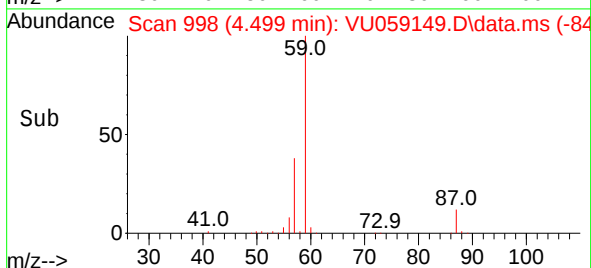
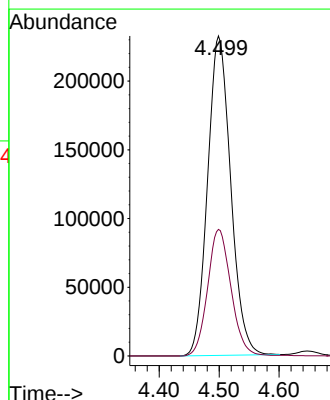
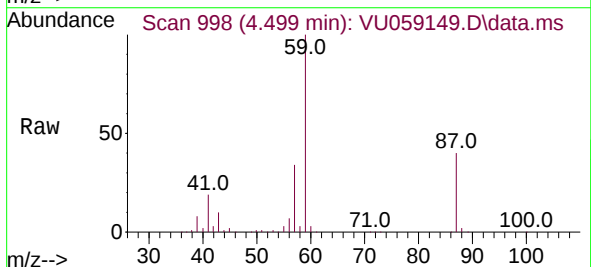
Instrument :
MSVOA_U
ClientSampleId :

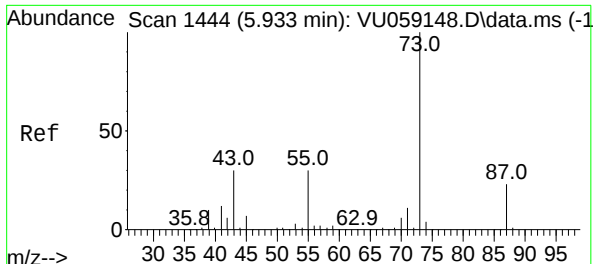
Tgt Ion: 45 Resp: 646489
Ion Ratio Lower Upper
45 100
43 50.9 26.1 78.3



#32
Ethyl-t-butyl ether
Concen: 17.381 ug/l
RT: 4.499 min Scan# 998
Delta R.T. 0.006 min
Lab File: VU059149.D
Acq: 05 Jun 2024 12:31

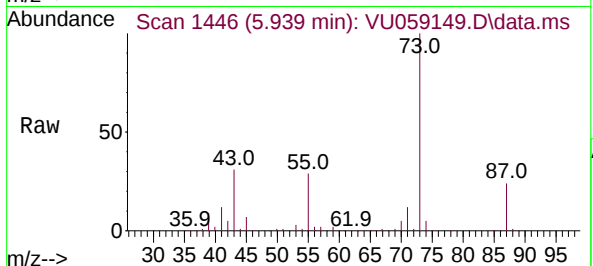
Tgt Ion: 59 Resp: 622875
Ion Ratio Lower Upper
59 100
87 39.7 32.2 48.4



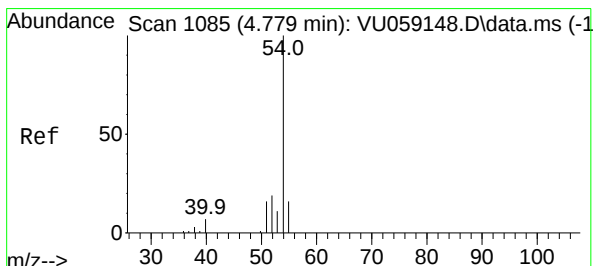
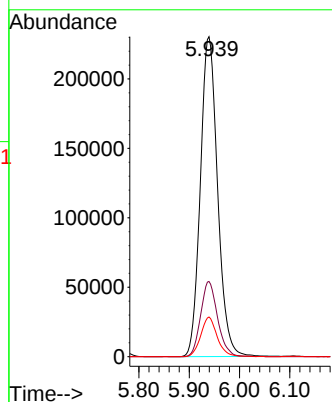
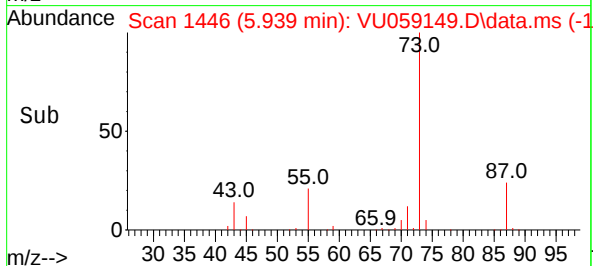


#33
Tert-Amyl methyl ether
Concen: 17.356 ug/l
RT: 5.939 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VU059149.D
Acq: 05 Jun 2024 12:31

Instrument :
MSVOA_U
ClientSampleId :

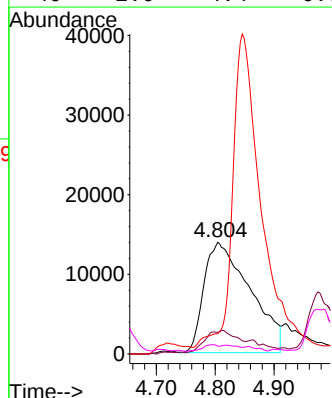
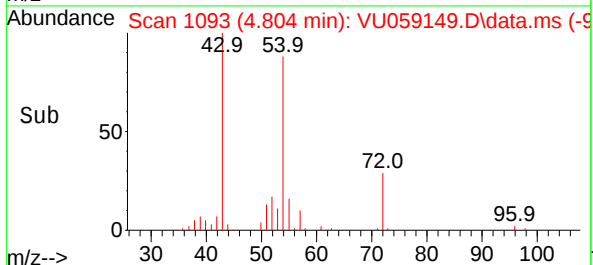
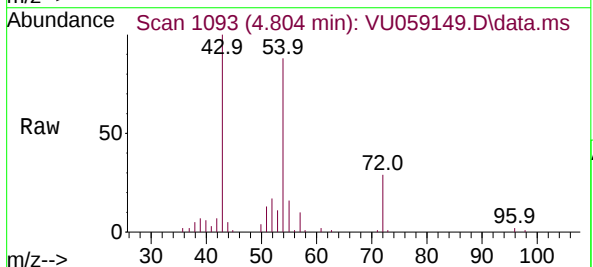


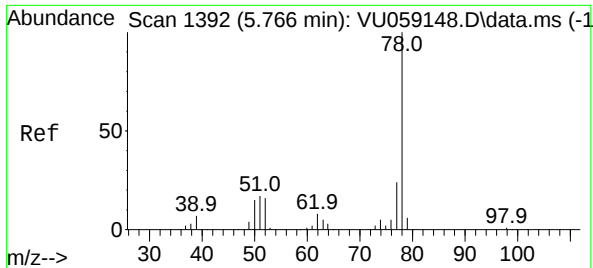
Tgt Ion: 73 Resp: 549075
Ion Ratio Lower Upper
73 100
87 23.0 18.6 27.8
71 11.6 9.1 13.7



#34
Propionitrile
Concen: 67.984 ug/l
RT: 4.804 min Scan# 1093
Delta R.T. 0.026 min
Lab File: VU059149.D
Acq: 05 Jun 2024 12:31

Tgt Ion: 54 Resp: 75631
Ion Ratio Lower Upper
54 100
52 5.2 15.2 22.8#
55 177.9 12.4 18.6#
40 2.0 4.4 6.6#

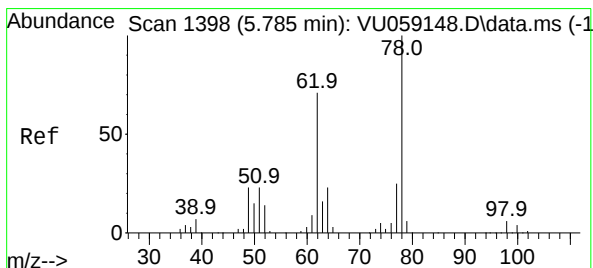
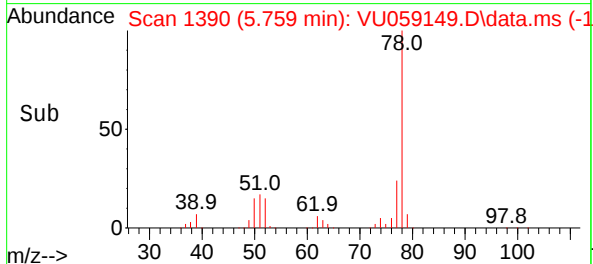
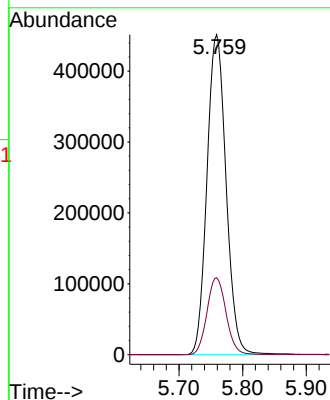
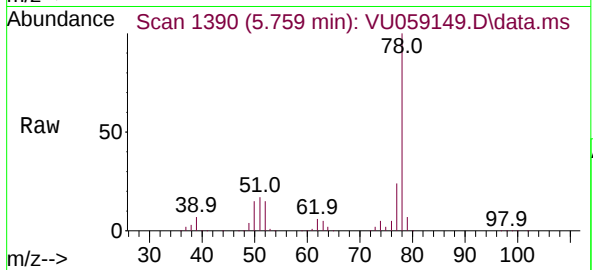




#35
Benzene
Concen: 15.346 ug/l
RT: 5.759 min Scan# 1390
Delta R.T. -0.006 min
Lab File: VU059149.D
Acq: 05 Jun 2024 12:31

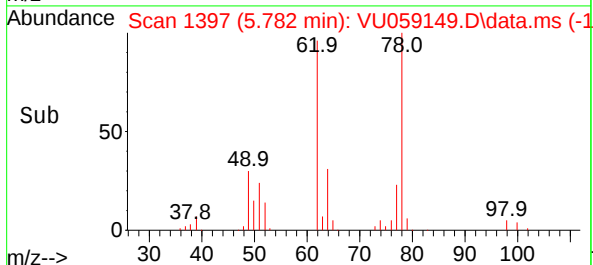
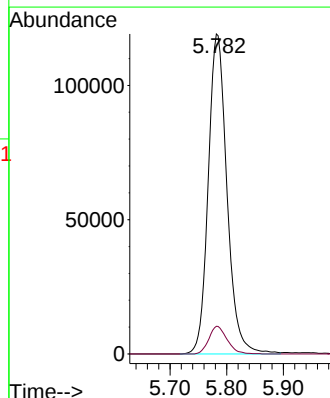
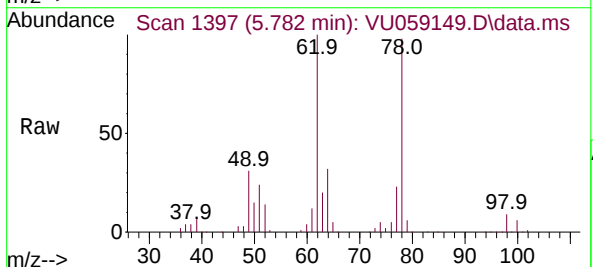
Instrument :
MSVOA_U
ClientSampleId :

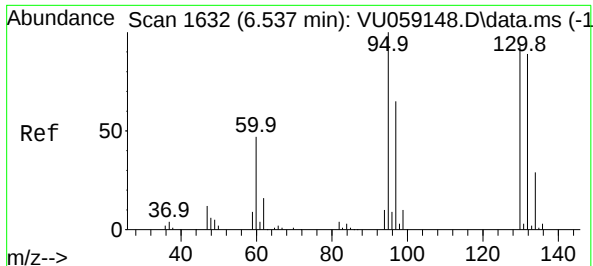
Tgt Ion: 78 Resp: 941497
Ion Ratio Lower Upper
78 100
77 24.1 19.4 29.2



#36
1,2-Dichloroethane
Concen: 15.053 ug/l
RT: 5.782 min Scan# 1397
Delta R.T. -0.003 min
Lab File: VU059149.D
Acq: 05 Jun 2024 12:31

Tgt Ion: 62 Resp: 273887
Ion Ratio Lower Upper
62 100
98 8.4 6.7 10.1





#37

Trichloroethene

Concen: 14.800 ug/l

RT: 6.531 min Scan# 1

Delta R.T. -0.006 min

Lab File: VU059149.D

Acq: 05 Jun 2024 12:31

Instrument :

MSVOA_U

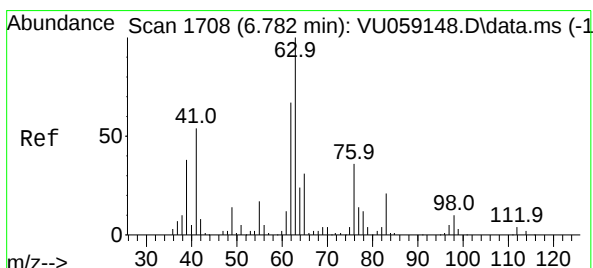
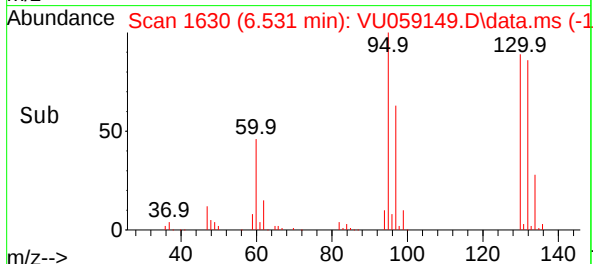
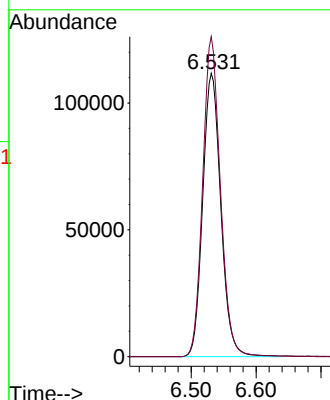
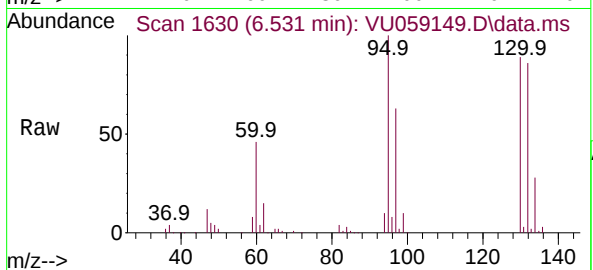
ClientSampleId :

Tgt Ion:130 Resp: 216857

Ion Ratio Lower Upper

130 100

95 112.9 85.6 128.4



#38

1,2-Dichloropropane

Concen: 15.182 ug/l

RT: 6.782 min Scan# 1708

Delta R.T. 0.000 min

Lab File: VU059149.D

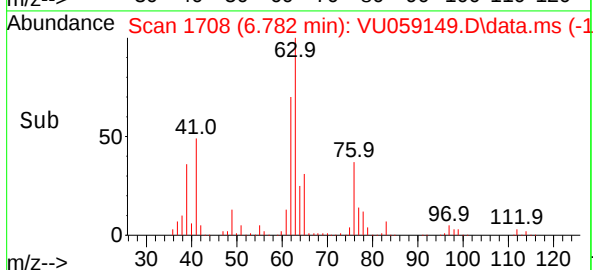
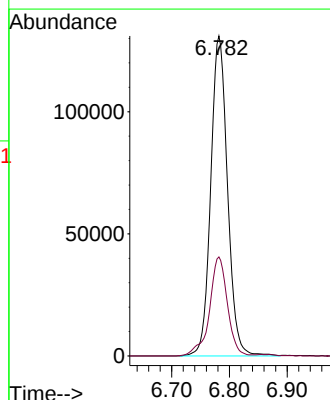
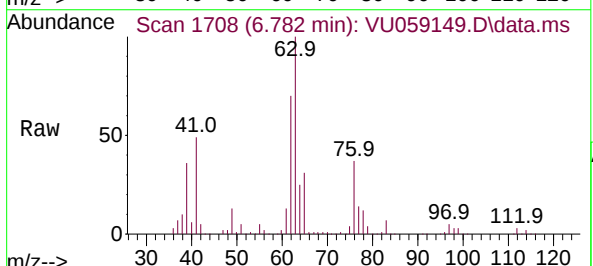
Acq: 05 Jun 2024 12:31

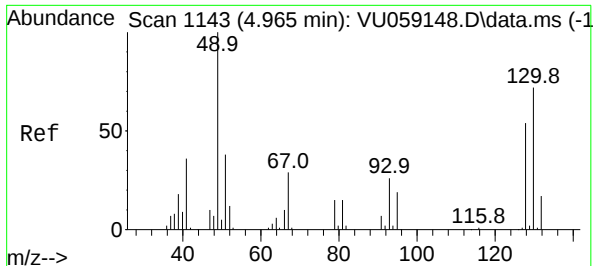
Tgt Ion: 63 Resp: 264495

Ion Ratio Lower Upper

63 100

65 30.9 24.6 37.0





#39

Methacrylonitrile

Concen: 15.898 ug/l

RT: 4.975 min Scan# 1143

Delta R.T. 0.010 min

Lab File: VU059149.D

Acq: 05 Jun 2024 12:31

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 41 Resp: 66573

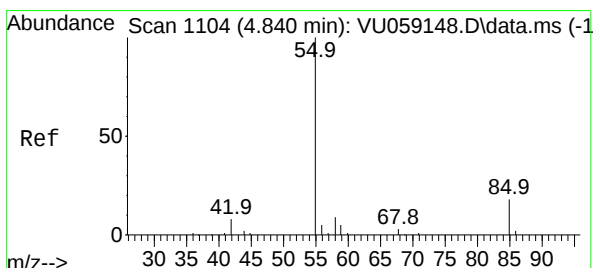
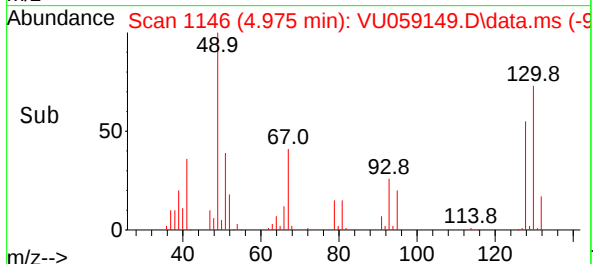
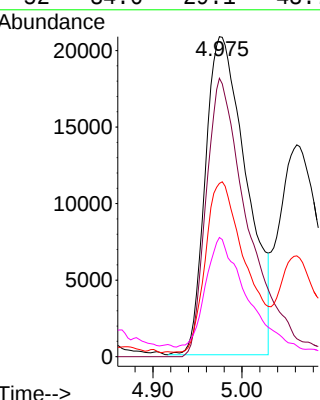
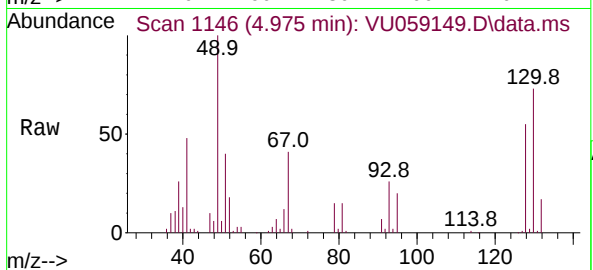
Ion Ratio Lower Upper

41 100

67 91.7 68.2 102.4

39 52.3 43.4 65.2

52 34.6 29.1 43.7



#40

Methyl acrylate

Concen: 18.371 ug/l

RT: 4.846 min Scan# 1106

Delta R.T. 0.006 min

Lab File: VU059149.D

Acq: 05 Jun 2024 12:31

Tgt Ion: 55 Resp: 134566

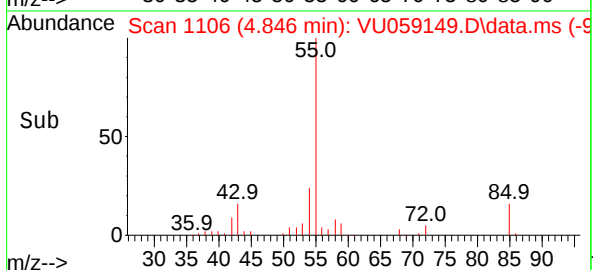
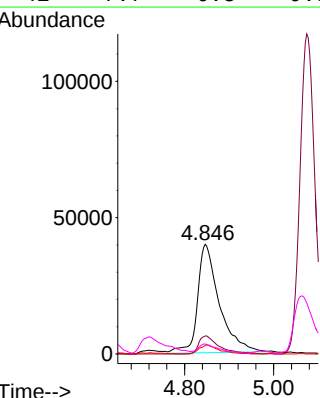
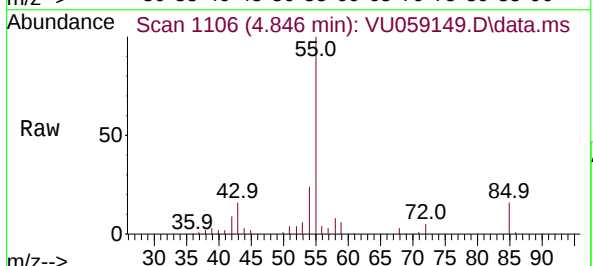
Ion Ratio Lower Upper

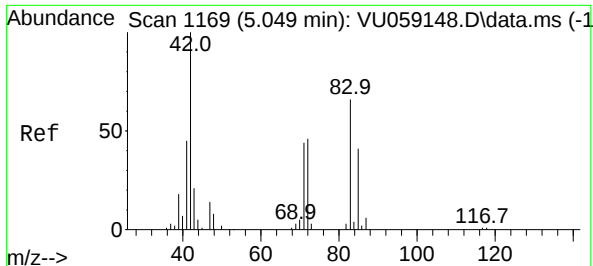
55 100

85 15.5 11.8 17.6

58 6.8 6.0 9.0

42 7.7 6.3 9.5





#41

Tetrahydrofuran

Concen: 30.519 ug/l

RT: 5.065 min Scan# 1174

Delta R.T. 0.016 min

Lab File: VU059149.D

Acq: 05 Jun 2024 12:31

Instrument :

MSVOA_U

ClientSampleId :

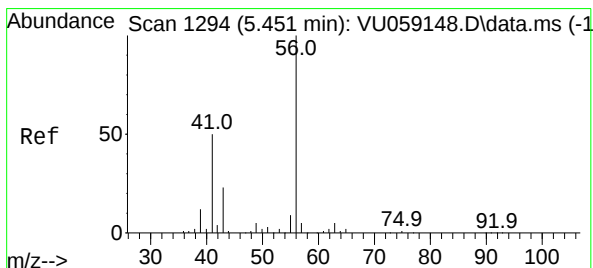
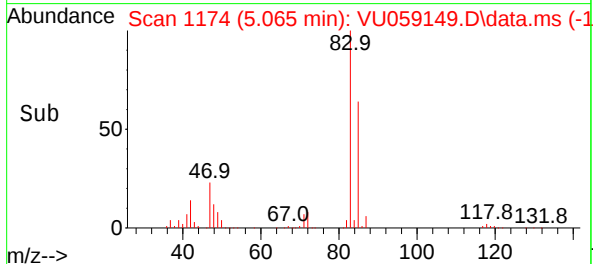
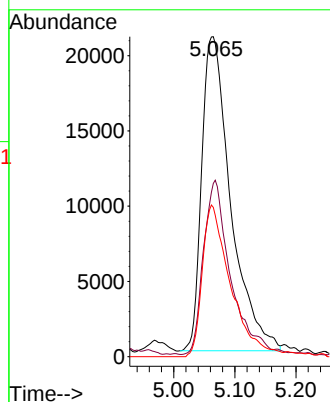
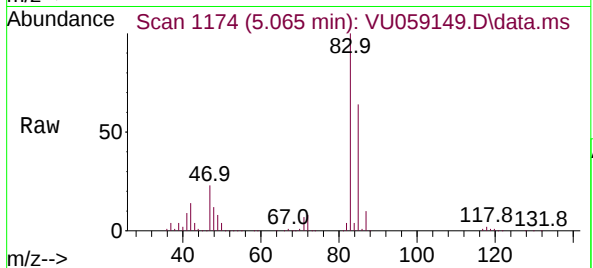
Tgt Ion: 42 Resp: 68832

Ion Ratio Lower Upper

42 100

72 51.2 40.7 61.1

71 47.1 36.5 54.7



#42

1-Chlorobutane

Concen: 16.428 ug/l

RT: 5.441 min Scan# 1291

Delta R.T. -0.010 min

Lab File: VU059149.D

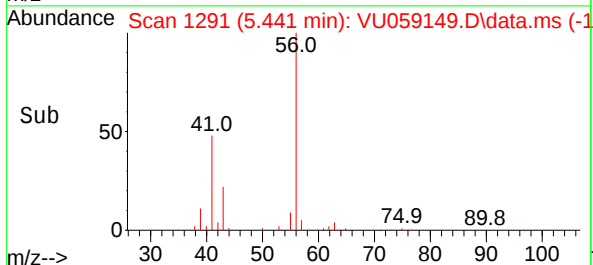
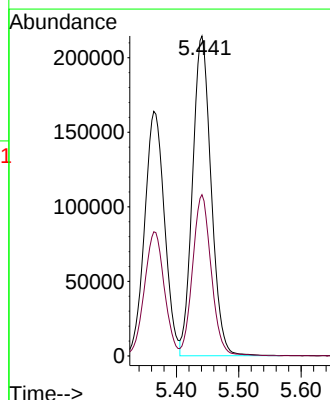
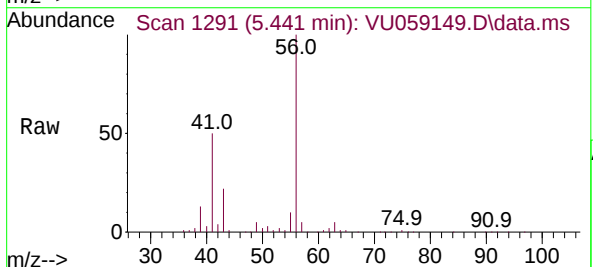
Acq: 05 Jun 2024 12:31

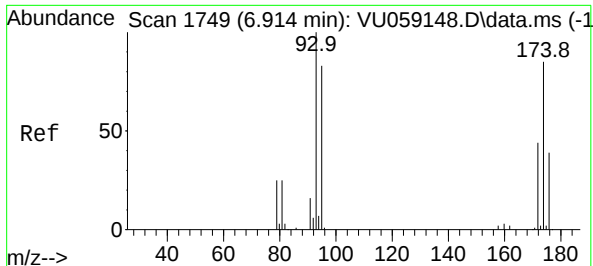
Tgt Ion: 56 Resp: 442886

Ion Ratio Lower Upper

56 100

41 50.2 25.7 77.1





#43

Dibromomethane

Concen: 15.005 ug/l

RT: 6.910 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU059149.D

Acq: 05 Jun 2024 12:31

Instrument :

MSVOA_U

ClientSampleId :

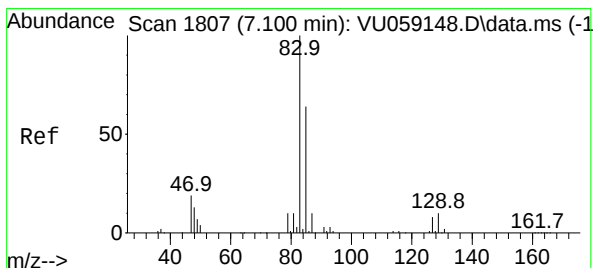
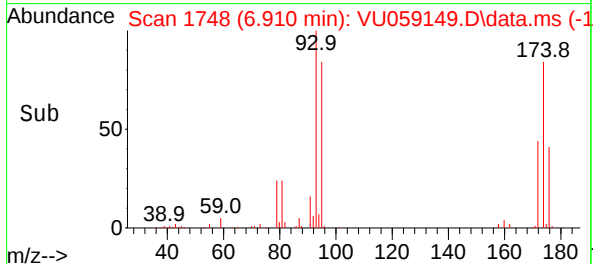
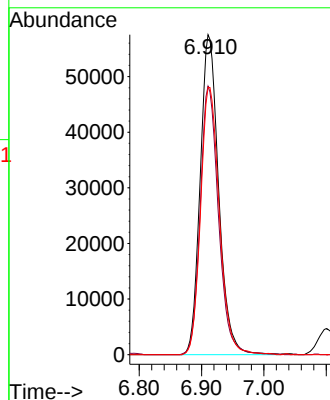
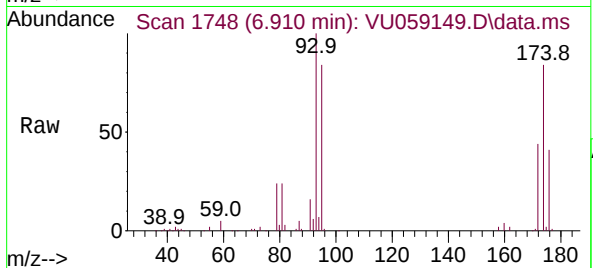
Tgt Ion: 93 Resp: 118357

Ion Ratio Lower Upper

93 100

95 83.2 66.1 99.1

174 84.9 67.2 100.8



#44

Bromodichloromethane

Concen: 15.022 ug/l

RT: 7.100 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VU059149.D

Acq: 05 Jun 2024 12:31

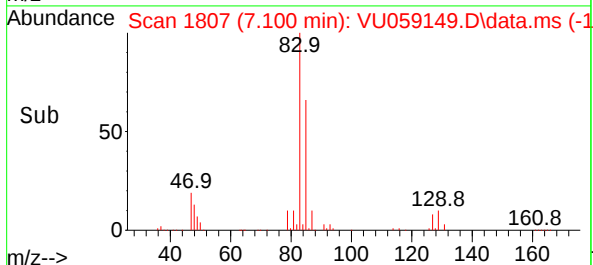
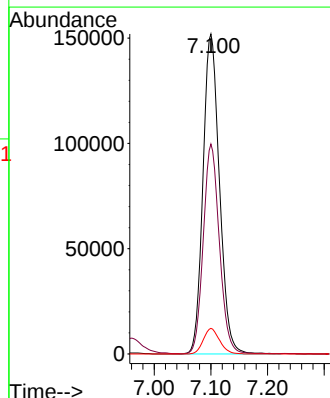
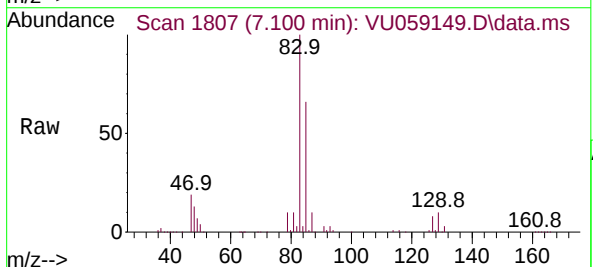
Tgt Ion: 83 Resp: 307019

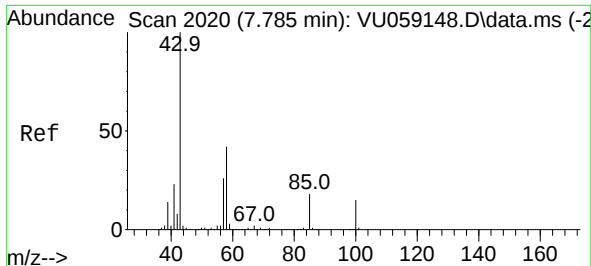
Ion Ratio Lower Upper

83 100

85 65.5 51.0 76.4

127 8.0 6.4 9.6





#45

4-Methyl-2-Pentanone

Concen: 84.678 ug/l

RT: 7.795 min Scan# 20

Delta R.T. 0.010 min

Lab File: VU059149.D

Acq: 05 Jun 2024 12:31

Instrument :

MSVOA_U

ClientSampleId :

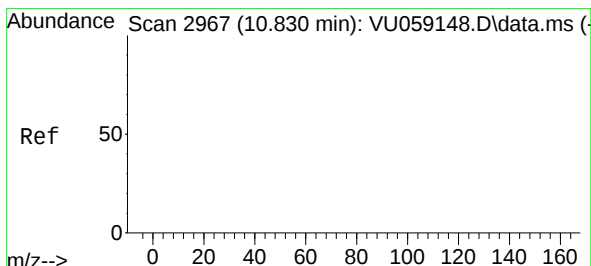
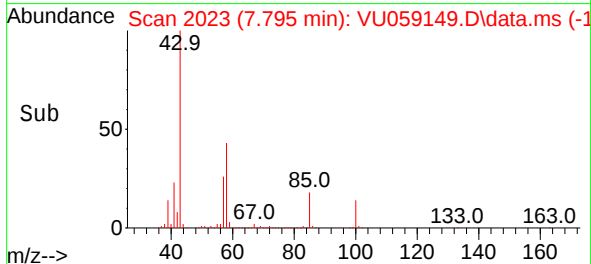
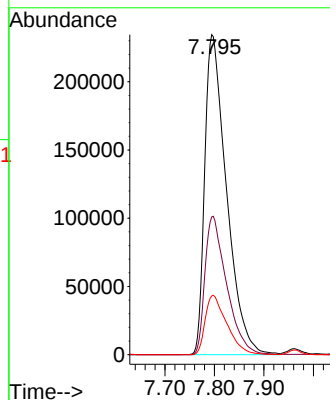
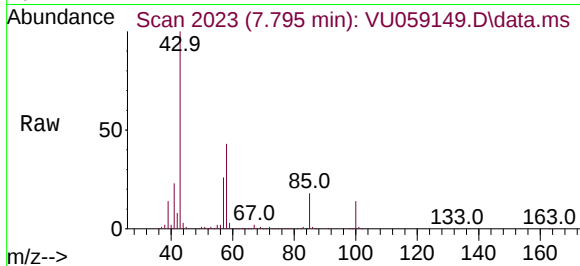
Tgt Ion: 43 Resp: 716068

Ion Ratio Lower Upper

43 100

58 43.0 21.1 63.3

85 18.5 14.6 22.0



#46

t-1,4-Dichloro-2-butene

Concen: 81.877 ug/l

RT: 10.827 min Scan# 2966

Delta R.T. -0.003 min

Lab File: VU059149.D

Acq: 05 Jun 2024 12:31

Tgt Ion: 75 Resp: 297541

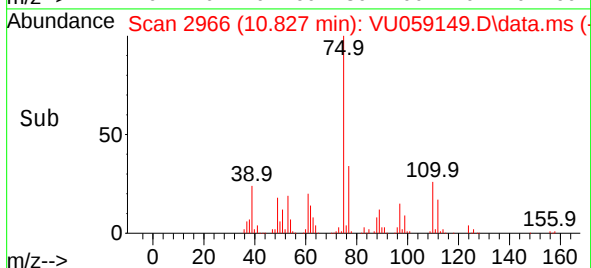
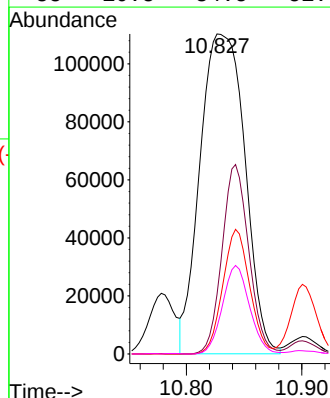
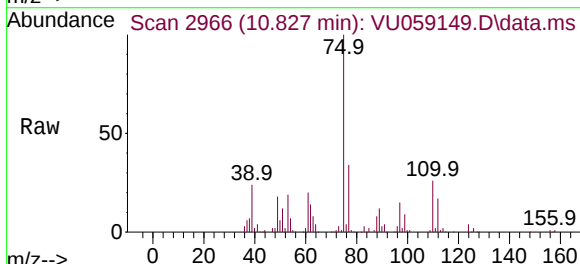
Ion Ratio Lower Upper

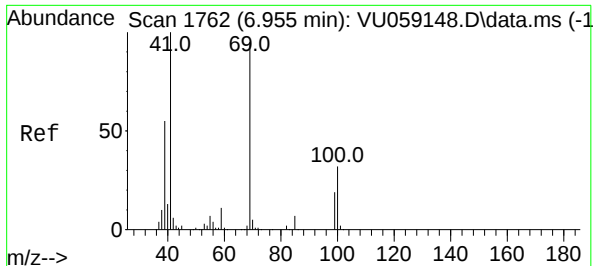
75 100

53 35.5 72.2 108.4#

89 23.4 47.0 70.4#

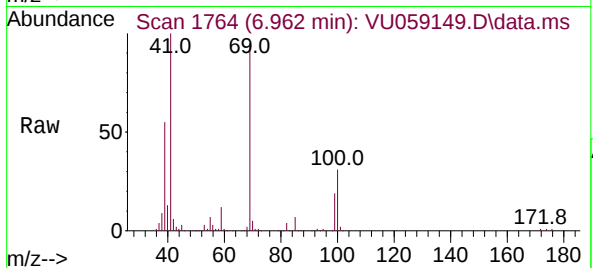
88 16.8 34.5 51.7#





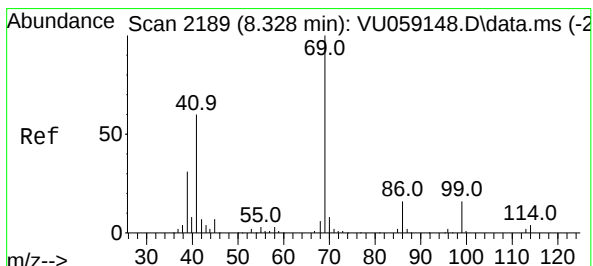
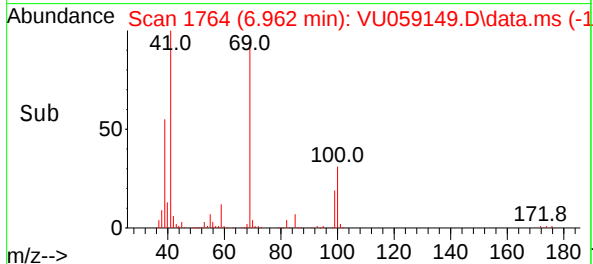
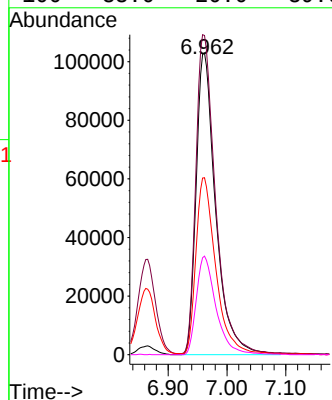
#47
Methyl methacrylate
Concen: 35.123 ug/l
RT: 6.962 min Scan# 1762
Delta R.T. 0.006 min
Lab File: VU059149.D
Acq: 05 Jun 2024 12:31

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 69 Resp: 237919

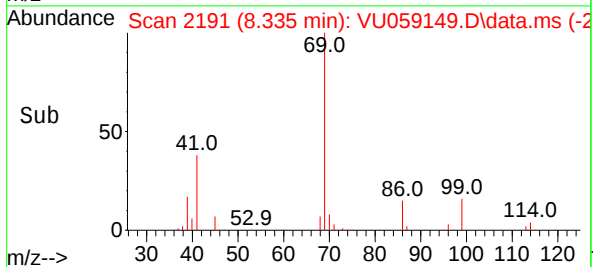
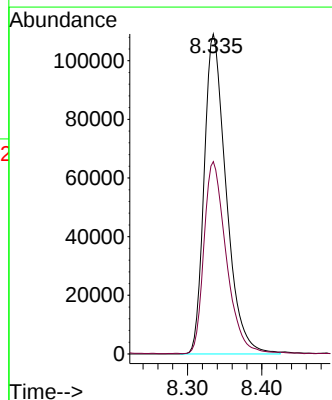
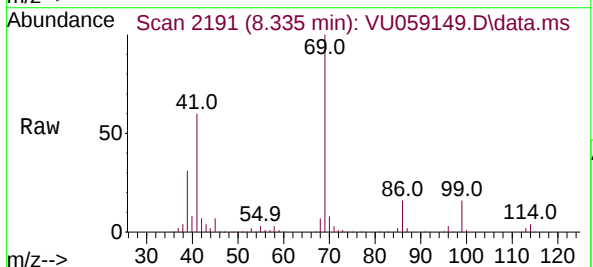
Ion	Ratio	Lower	Upper
69	100		
41	105.9	0.0	208.8
39	58.9	46.0	69.0
100	33.0	26.0	39.0

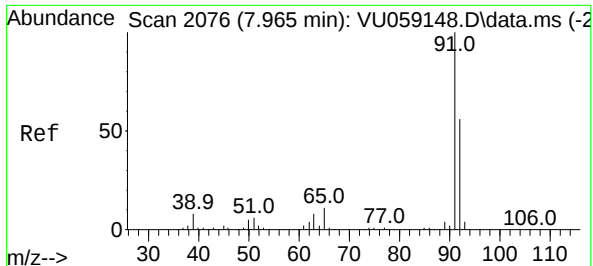


#48
Ethyl methacrylate
Concen: 18.759 ug/l
RT: 8.335 min Scan# 2191
Delta R.T. 0.006 min
Lab File: VU059149.D
Acq: 05 Jun 2024 12:31

Tgt Ion: 69 Resp: 224482

Ion	Ratio	Lower	Upper
69	100		
41	60.8	30.2	90.6





#49

Toluene

Concen: 16.855 ug/l

RT: 7.962 min Scan# 2076

Delta R.T. -0.003 min

Lab File: VU059149.D

Acq: 05 Jun 2024 12:31

Instrument :

MSVOA_U

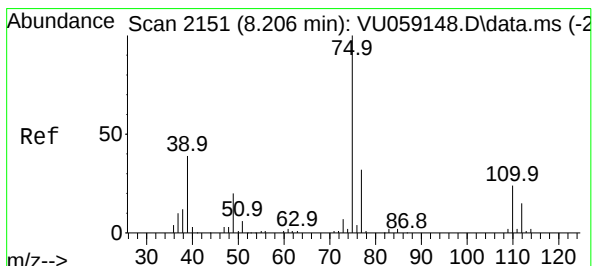
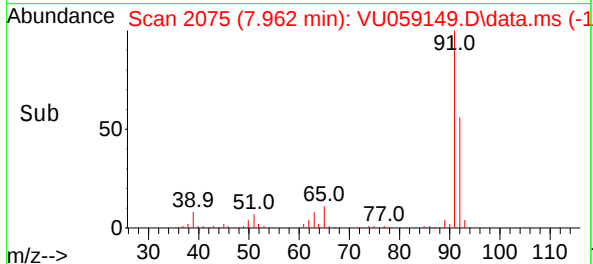
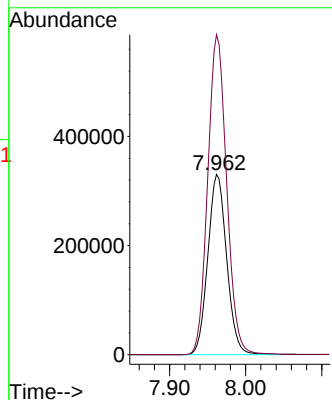
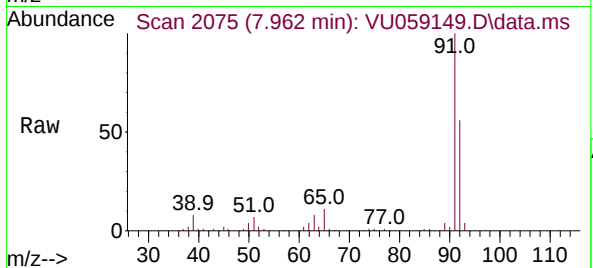
ClientSampleId :

Tgt Ion: 92 Resp: 569473

Ion Ratio Lower Upper

92 100

91 178.3 143.4 215.0



#50

t-1,3-Dichloropropene

Concen: 16.878 ug/l

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU059149.D

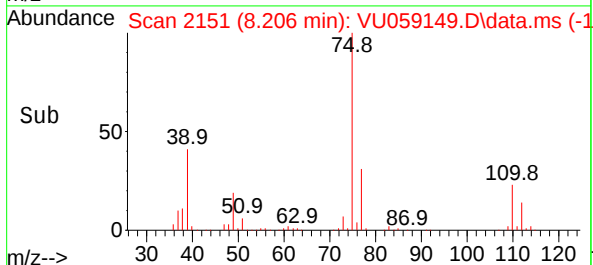
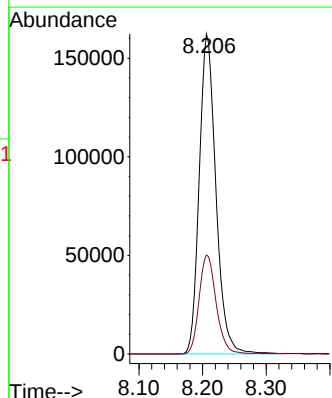
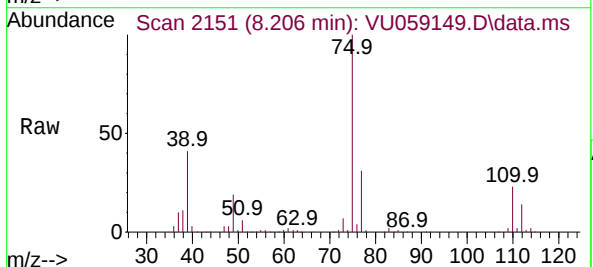
Acq: 05 Jun 2024 12:31

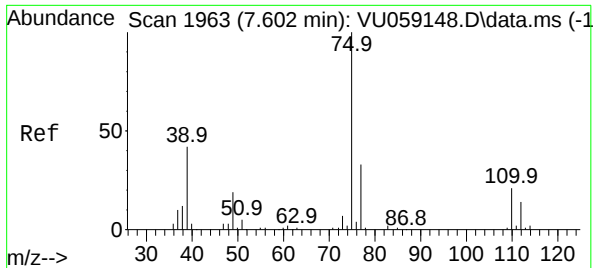
Tgt Ion: 75 Resp: 295159

Ion Ratio Lower Upper

75 100

77 30.9 25.3 37.9



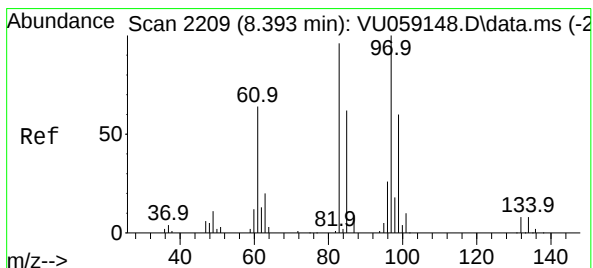
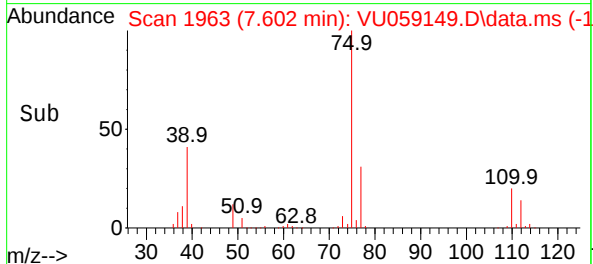
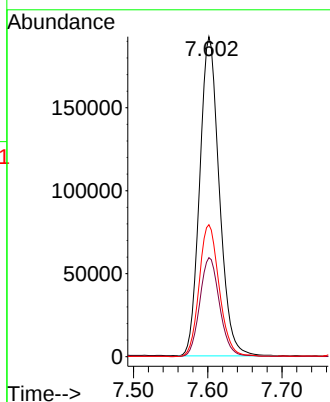
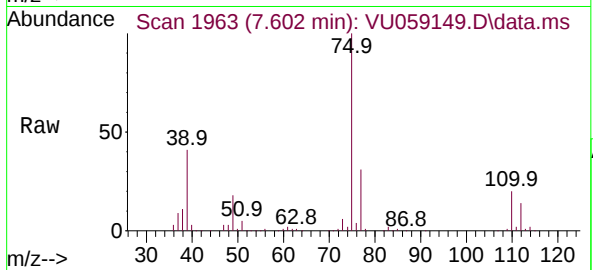


#51
 cis-1,3-Dichloropropene
 Concen: 16.448 ug/l
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VU059149.D
 Acq: 05 Jun 2024 12:31

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 75 Resp: 352362

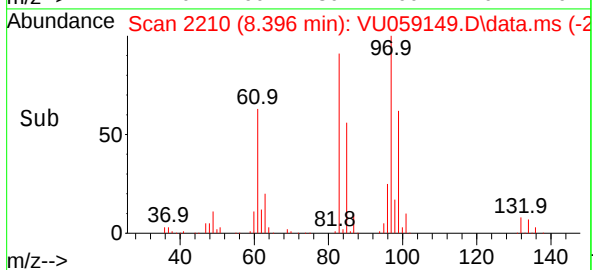
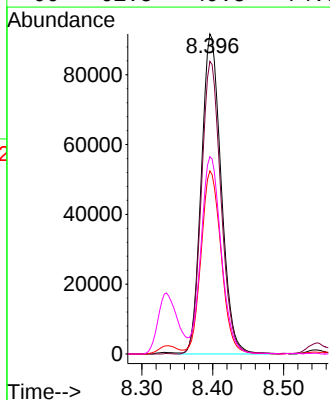
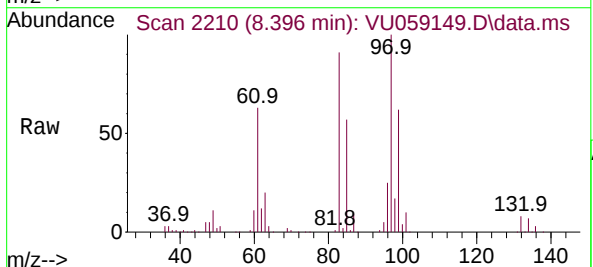
Ion	Ratio	Lower	Upper
75	100		
77	31.0	26.0	39.0
39	41.3	33.2	49.8

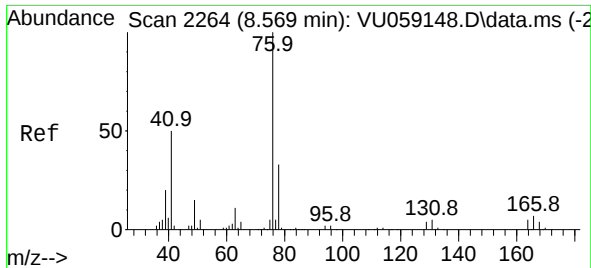


#52
 1,1,2-Trichloroethane
 Concen: 15.279 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. 0.003 min
 Lab File: VU059149.D
 Acq: 05 Jun 2024 12:31

Tgt Ion: 97 Resp: 178089

Ion	Ratio	Lower	Upper
97	100		
83	91.5	76.4	114.6
85	57.2	49.6	74.4
99	61.5	49.8	74.8

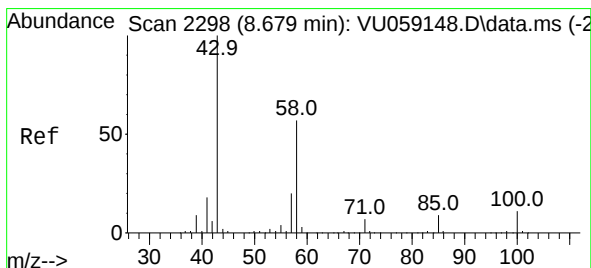
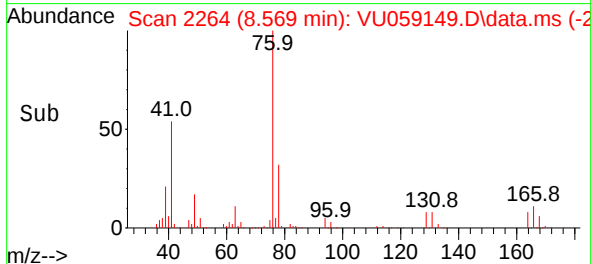
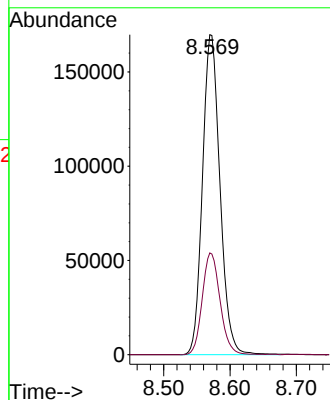
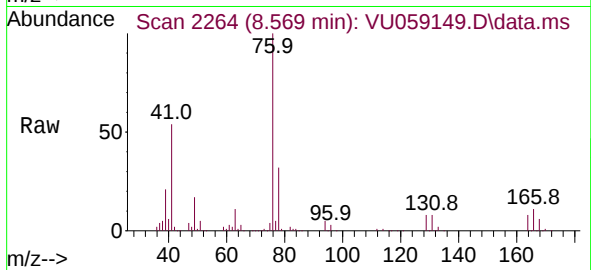




#53
1,3-Dichloropropane
Concen: 15.471 ug/l
RT: 8.569 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU059149.D
Acq: 05 Jun 2024 12:31

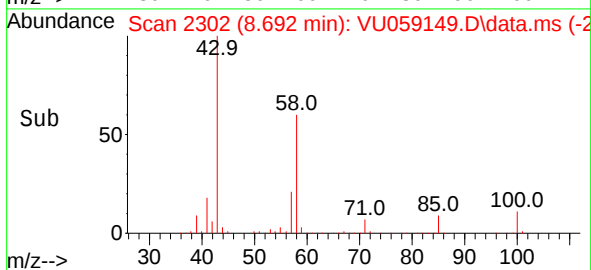
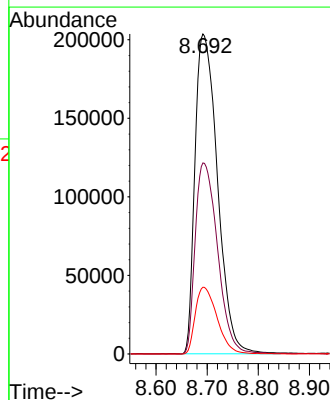
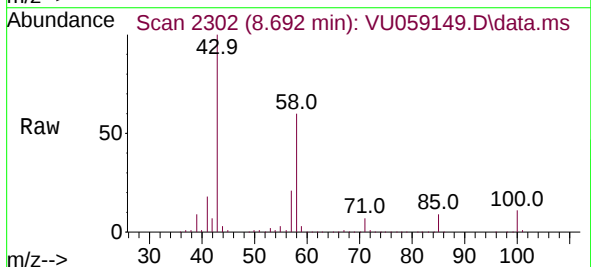
Instrument :
MSVOA_U
ClientSampleId :

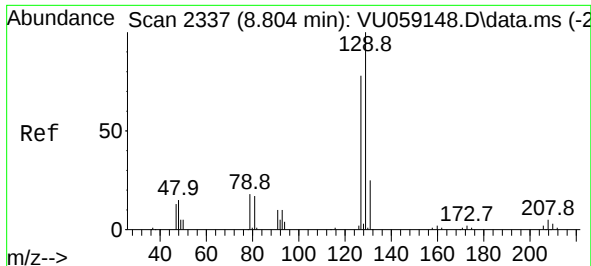
Tgt Ion: 76 Resp: 310696
Ion Ratio Lower Upper
76 100
78 32.4 25.4 38.2



#54
2-Hexanone
Concen: 77.874 ug/l
RT: 8.692 min Scan# 2302
Delta R.T. 0.013 min
Lab File: VU059149.D
Acq: 05 Jun 2024 12:31

Tgt Ion: 43 Resp: 623325
Ion Ratio Lower Upper
43 100
58 59.4 38.6 78.6
57 20.2 0.0 39.5





#55

Dibromochloromethane

Concen: 15.210 ug/l

RT: 8.807 min Scan# 2337

Delta R.T. 0.003 min

Lab File: VU059149.D

Acq: 05 Jun 2024 12:31

Instrument :

MSVOA_U

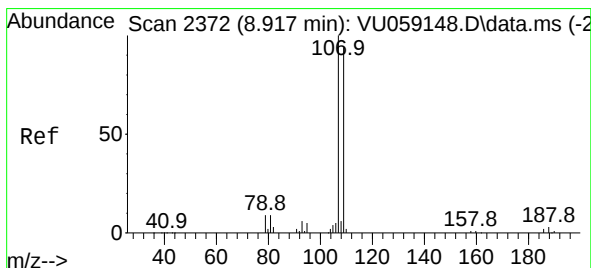
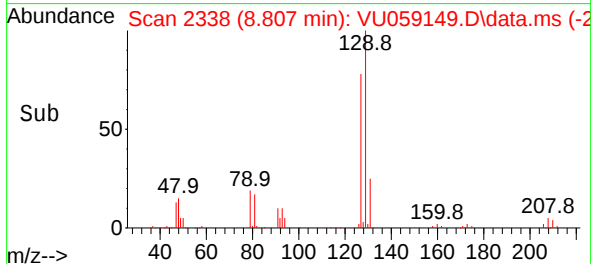
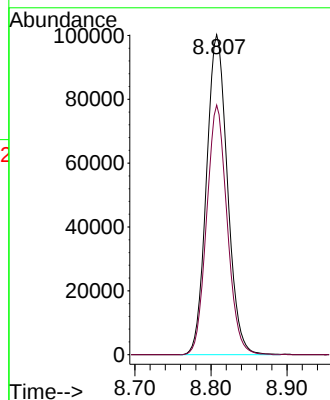
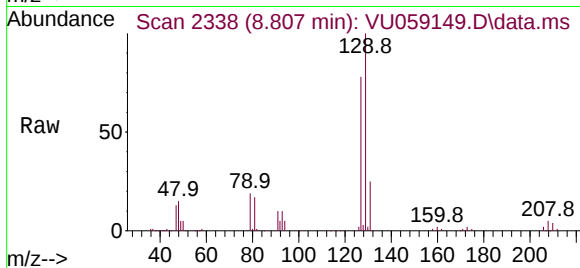
ClientSampleId :

Tgt Ion:129 Resp: 191866

Ion Ratio Lower Upper

129 100

127 76.3 61.9 92.9



#56

1,2-Dibromoethane

Concen: 15.469 ug/l

RT: 8.920 min Scan# 2373

Delta R.T. 0.003 min

Lab File: VU059149.D

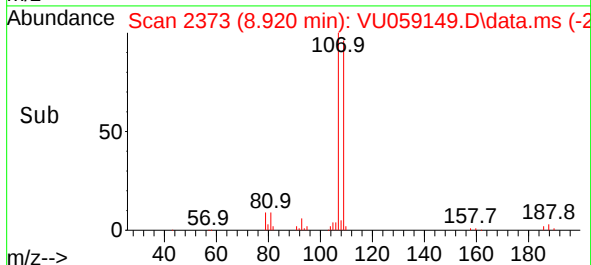
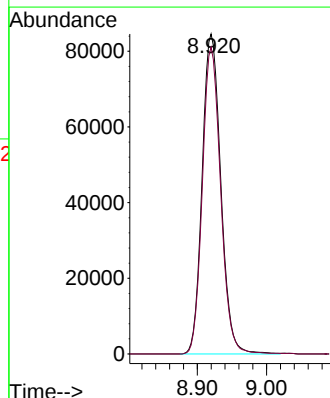
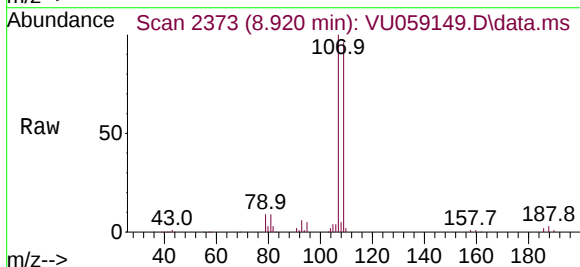
Acq: 05 Jun 2024 12:31

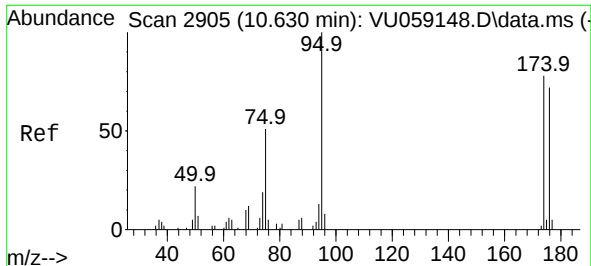
Tgt Ion:107 Resp: 158129

Ion Ratio Lower Upper

107 100

109 93.9 0.0 188.2

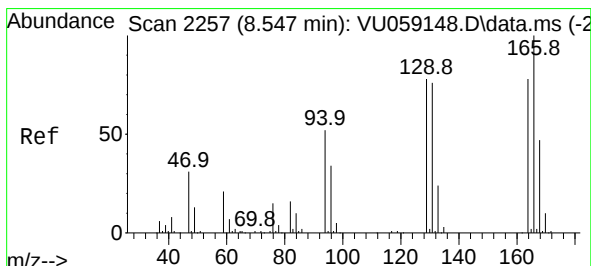
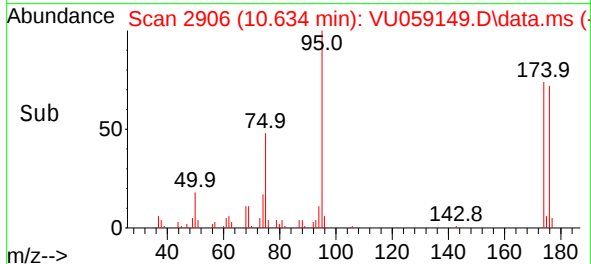
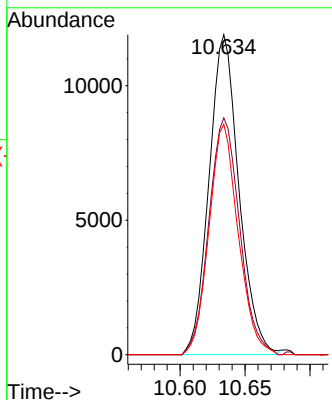
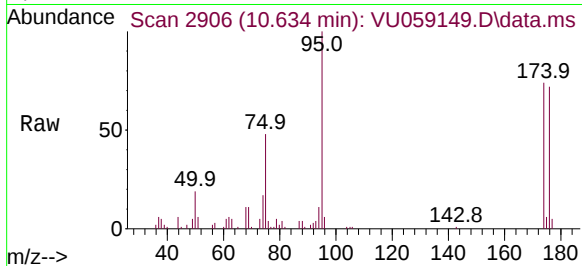




#57
 4-Bromofluorobenzene
 Concen: 1.049 ug/l
 RT: 10.634 min Scan# 2906
 Delta R.T. 0.003 min
 Lab File: VU059149.D
 Acq: 05 Jun 2024 12:31

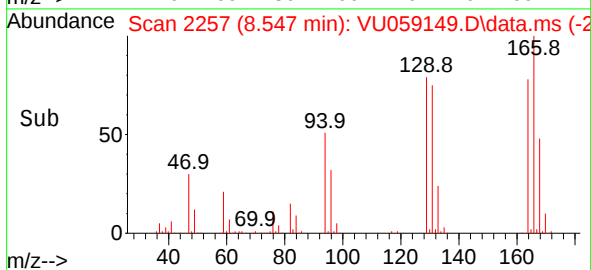
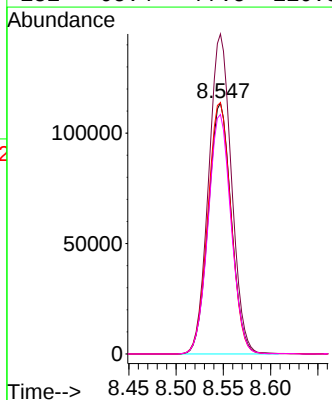
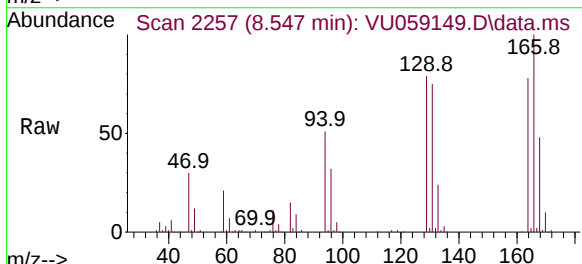
Instrument :
 MSVOA_U
 ClientSampleId :

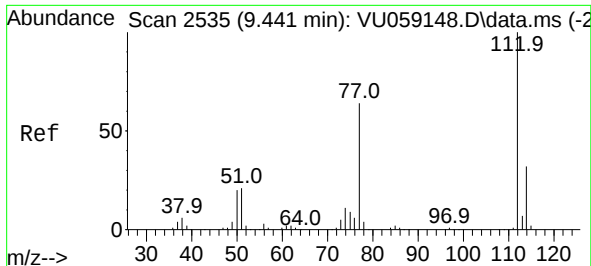
Tgt Ion: 95 Resp: 19050
 Ion Ratio Lower Upper
 95 100
 174 75.9 59.6 89.4
 176 70.2 57.3 85.9



#58
 Tetrachloroethene
 Concen: 14.162 ug/l
 RT: 8.547 min Scan# 2257
 Delta R.T. 0.000 min
 Lab File: VU059149.D
 Acq: 05 Jun 2024 12:31

Tgt Ion:164 Resp: 191270
 Ion Ratio Lower Upper
 164 100
 166 127.4 102.6 153.8
 129 100.1 80.3 120.5
 131 95.4 77.5 116.3

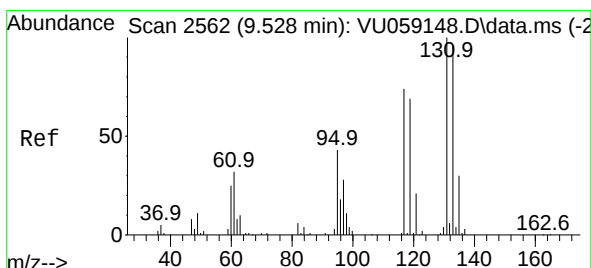
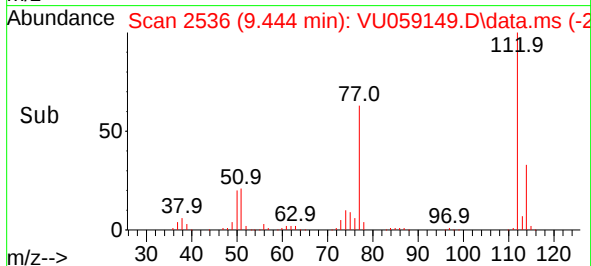
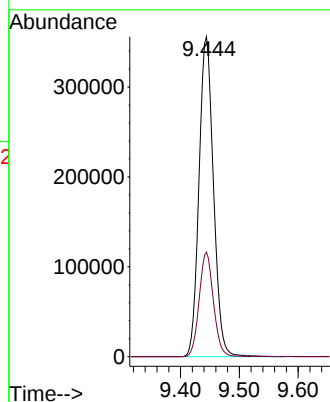
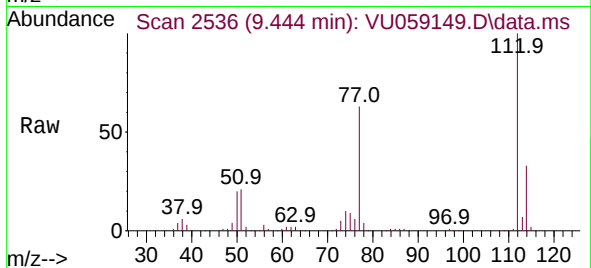




#59
Chlorobenzene
Concen: 16.432 ug/l
RT: 9.444 min Scan# 2536
Delta R.T. 0.003 min
Lab File: VU059149.D
Acq: 05 Jun 2024 12:31

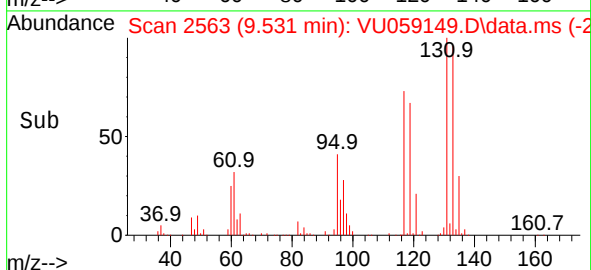
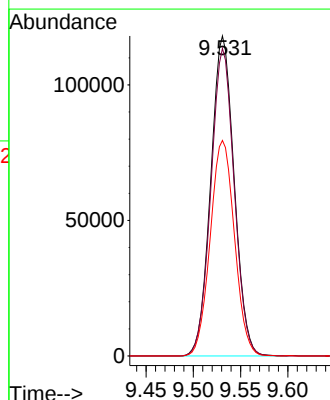
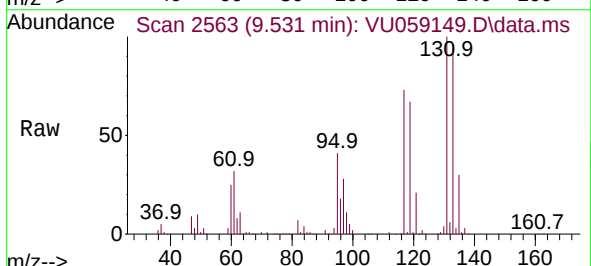
Instrument :
MSVOA_U
ClientSampleId :

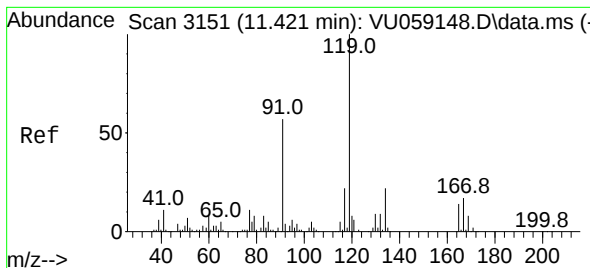
Tgt Ion:112 Resp: 607438
Ion Ratio Lower Upper
112 100
114 32.6 25.6 38.4



#60
1,1,1,2-Tetrachloroethane
Concen: 15.368 ug/l
RT: 9.531 min Scan# 2563
Delta R.T. 0.003 min
Lab File: VU059149.D
Acq: 05 Jun 2024 12:31

Tgt Ion:131 Resp: 203484
Ion Ratio Lower Upper
131 100
133 95.8 76.7 115.1
119 69.6 55.3 82.9





#61

Pentachloroethane

Concen: 15.997 ug/l

RT: 11.425 min Scan# 3151

Delta R.T. 0.003 min

Lab File: VU059149.D

Acq: 05 Jun 2024 12:31

Instrument :

MSVOA_U

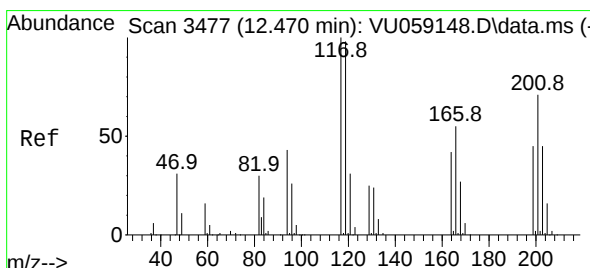
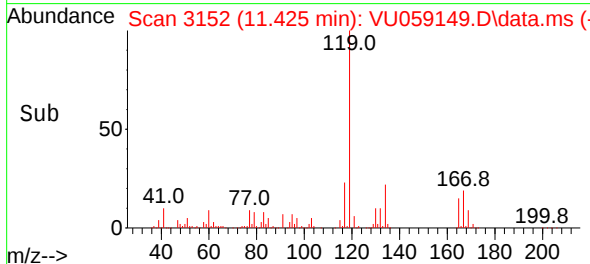
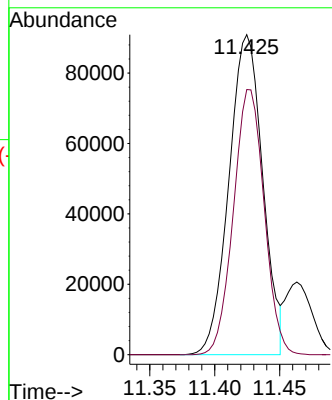
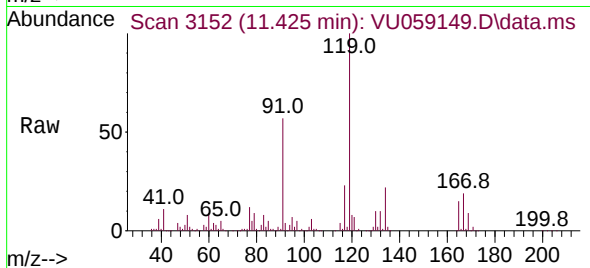
ClientSampleId :

Tgt Ion:117 Resp: 164308

Ion Ratio Lower Upper

117 100

167 75.5 58.1 87.1



#62

Hexachloroethane

Concen: 17.071 ug/l

RT: 12.470 min Scan# 3477

Delta R.T. 0.000 min

Lab File: VU059149.D

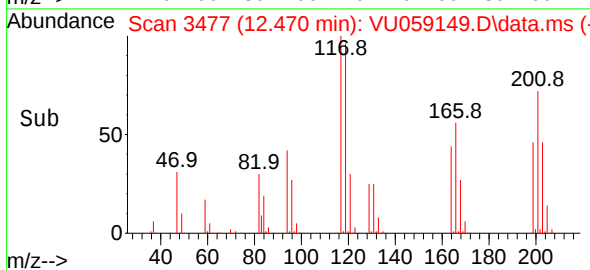
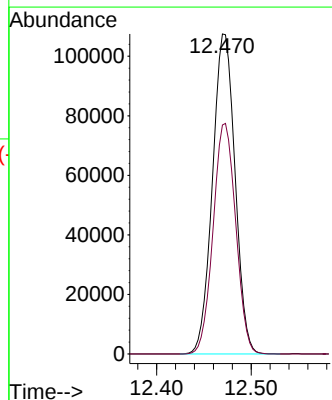
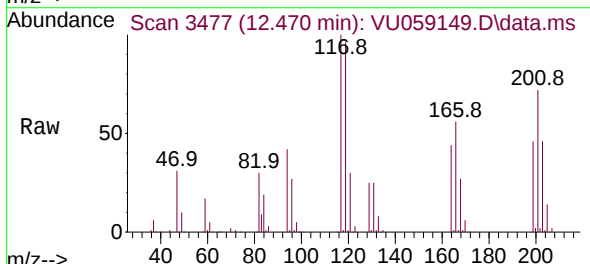
Acq: 05 Jun 2024 12:31

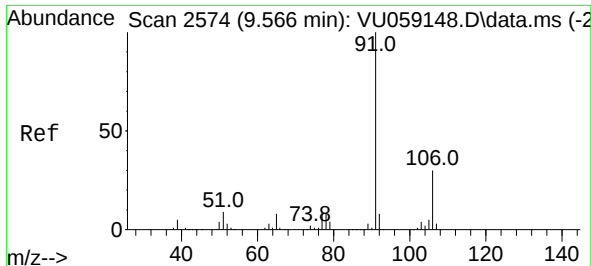
Tgt Ion:117 Resp: 178251

Ion Ratio Lower Upper

117 100

201 72.1 55.8 83.8





#63

Ethyl Benzene

Concen: 18.109 ug/l

RT: 9.566 min Scan# 2574

Delta R.T. 0.000 min

Lab File: VU059149.D

Acq: 05 Jun 2024 12:31

Instrument :

MSVOA_U

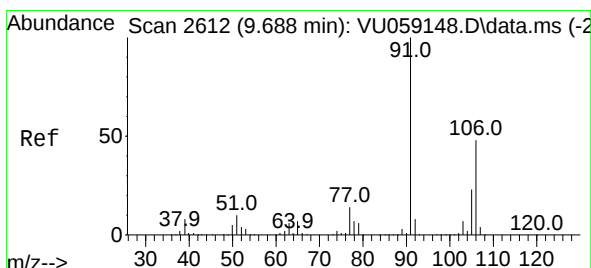
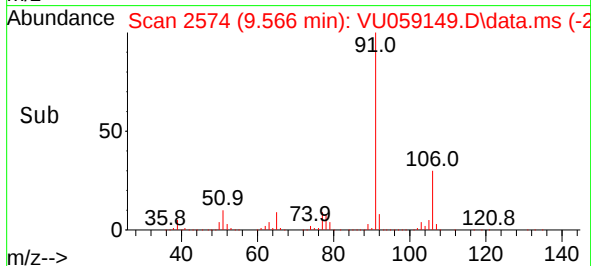
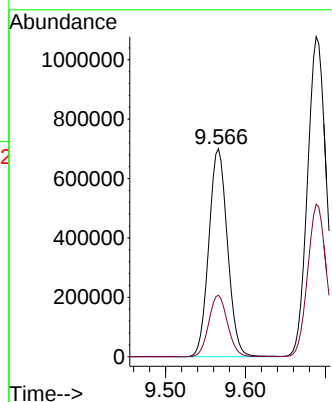
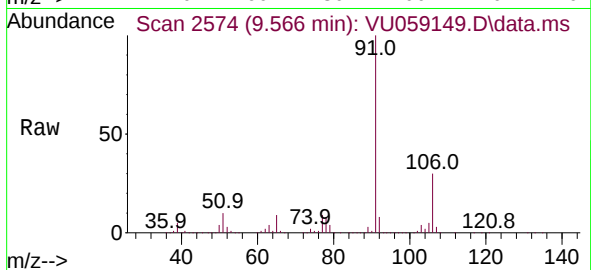
ClientSampleId :

Tgt Ion: 91 Resp: 1133967

Ion Ratio Lower Upper

91 100

106 29.5 23.9 35.9



#64

m/p-Xylenes

Concen: 36.209 ug/l

RT: 9.688 min Scan# 2612

Delta R.T. 0.000 min

Lab File: VU059149.D

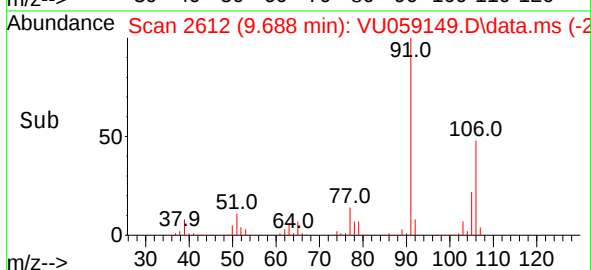
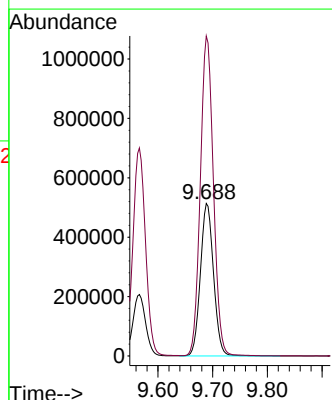
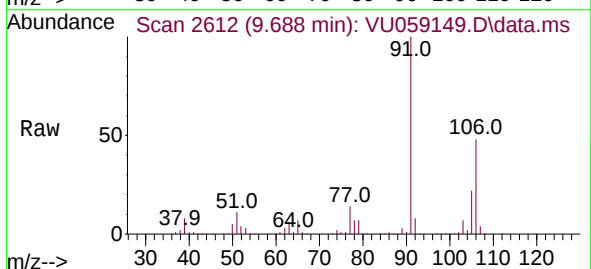
Acq: 05 Jun 2024 12:31

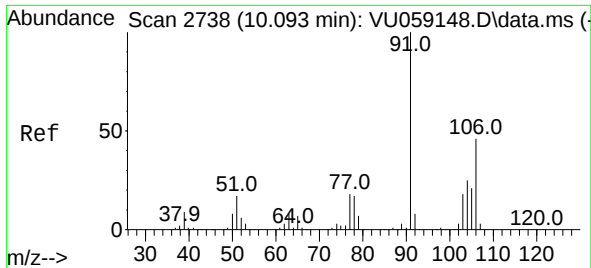
Tgt Ion:106 Resp: 852352

Ion Ratio Lower Upper

106 100

91 209.5 166.4 249.6

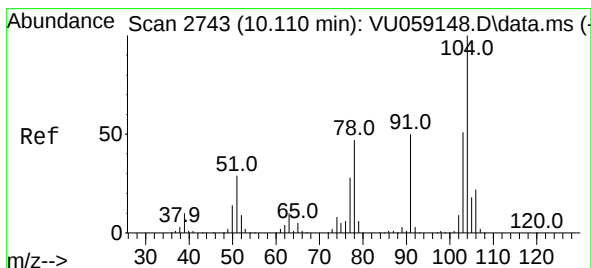
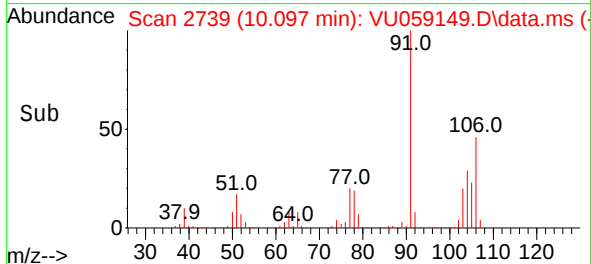
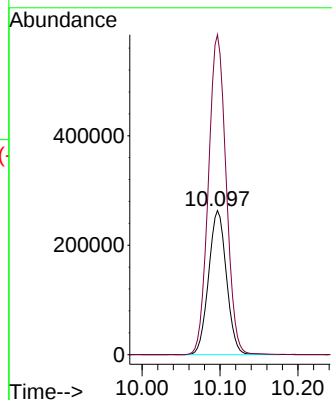
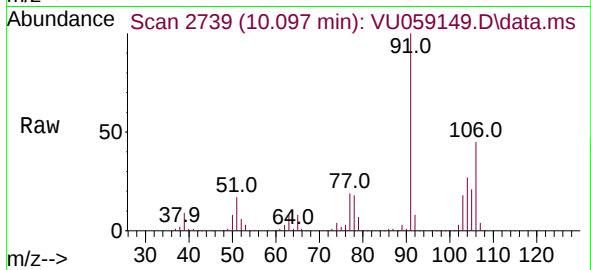




#65
o-Xylene
Concen: 18.066 ug/l
RT: 10.097 min Scan# 2739
Delta R.T. 0.003 min
Lab File: VU059149.D
Acq: 05 Jun 2024 12:31

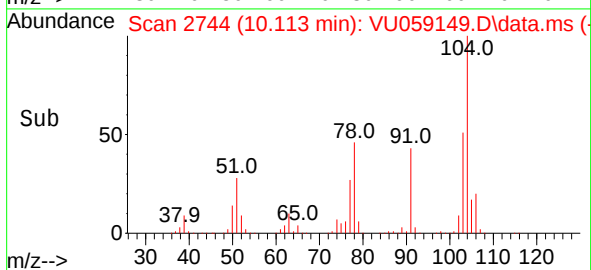
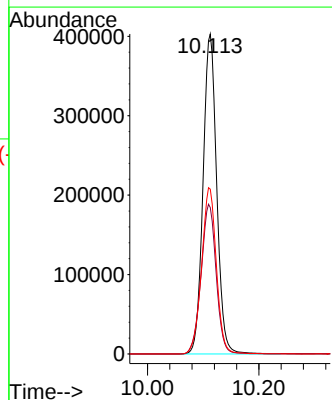
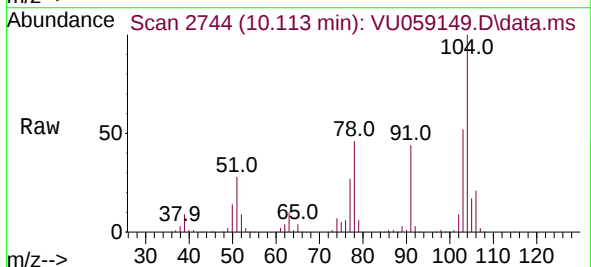
Instrument :
MSVOA_U
ClientSampleId :

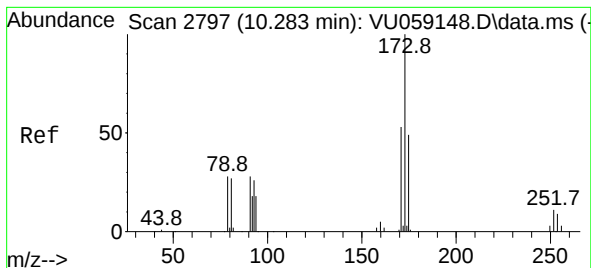
Tgt Ion:106 Resp: 419374
Ion Ratio Lower Upper
106 100
91 220.6 110.7 332.1



#66
Styrene
Concen: 15.145 ug/l
RT: 10.113 min Scan# 2744
Delta R.T. 0.003 min
Lab File: VU059149.D
Acq: 05 Jun 2024 12:31

Tgt Ion:104 Resp: 686699
Ion Ratio Lower Upper
104 100
78 51.5 41.6 62.4
103 56.0 44.6 66.8





#67

Bromoform

Concen: 15.393 ug/l

RT: 10.290 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU059149.D

Acq: 05 Jun 2024 12:31

Instrument :

MSVOA_U

ClientSampleId :

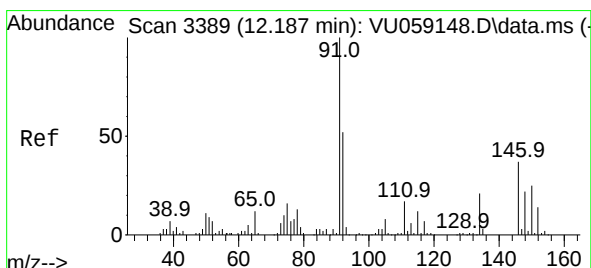
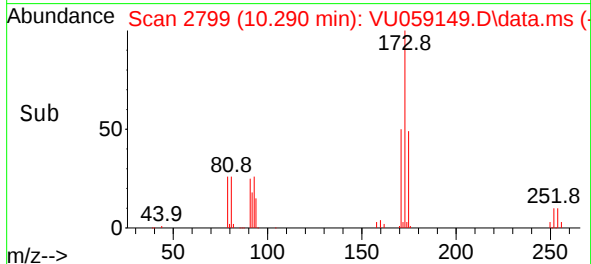
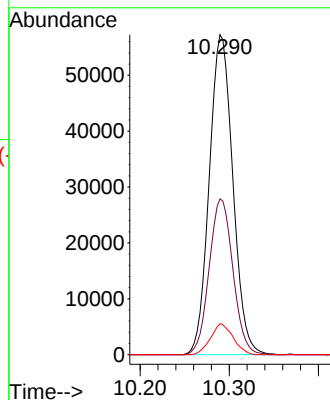
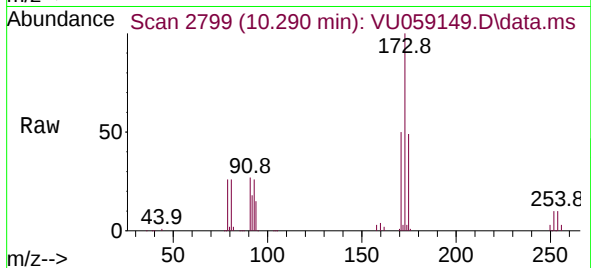
Tgt Ion:173 Resp: 105133

Ion Ratio Lower Upper

173 100

175 49.0 40.1 60.1

254 9.2 7.0 10.4



#68

1,2-Dichlorobenzene-d4

Concen: 1.042 ug/l

RT: 12.190 min Scan# 3390

Delta R.T. 0.003 min

Lab File: VU059149.D

Acq: 05 Jun 2024 12:31

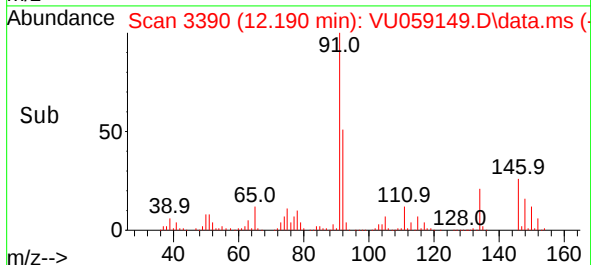
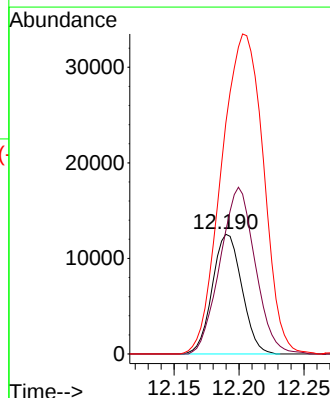
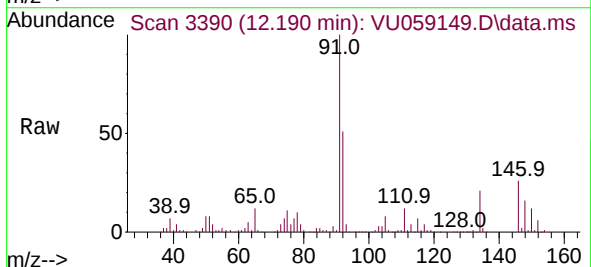
Tgt Ion:152 Resp: 19810

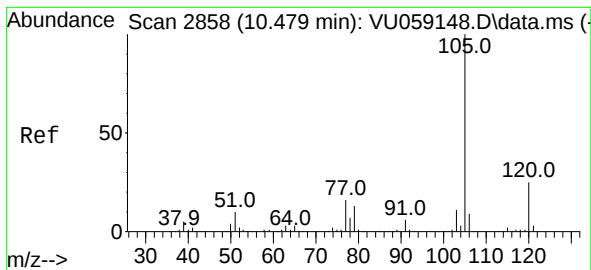
Ion Ratio Lower Upper

152 100

115 165.3 0.0 293.2

150 380.0 0.0 636.0





#69

Isopropylbenzene

Concen: 18.383 ug/l

RT: 10.479 min Scan# 2858

Delta R.T. 0.000 min

Lab File: VU059149.D

Acq: 05 Jun 2024 12:31

Instrument :

MSVOA_U

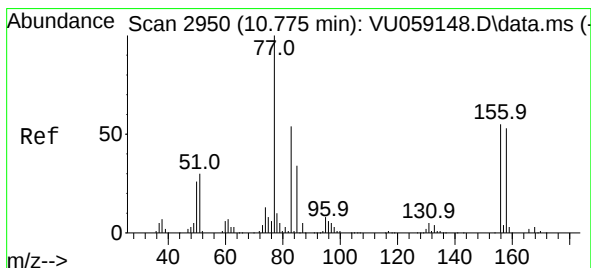
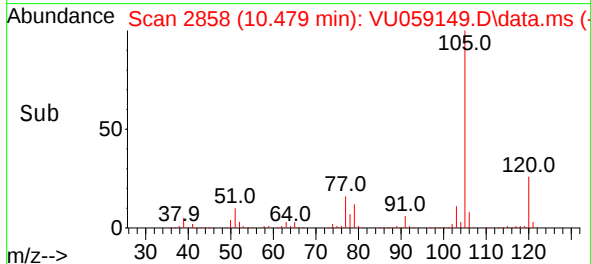
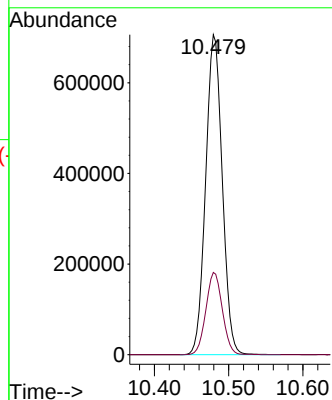
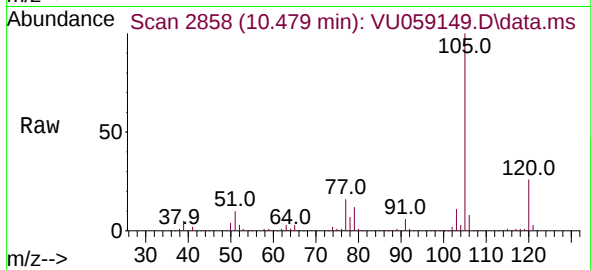
ClientSampleId :

Tgt Ion:105 Resp: 1093342

Ion Ratio Lower Upper

105 100

120 25.5 12.7 38.0



#70

1,1,2,2-Tetrachloroethane

Concen: 15.404 ug/l

RT: 10.782 min Scan# 2952

Delta R.T. 0.006 min

Lab File: VU059149.D

Acq: 05 Jun 2024 12:31

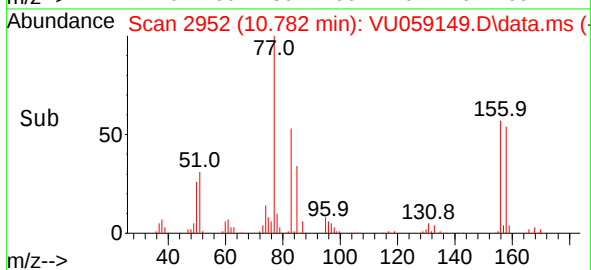
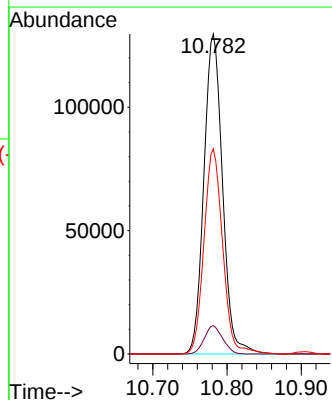
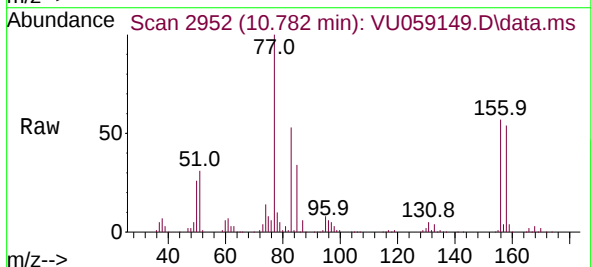
Tgt Ion: 83 Resp: 225723

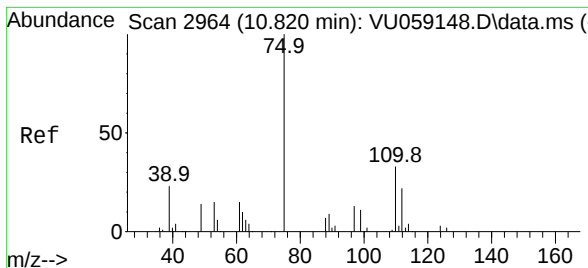
Ion Ratio Lower Upper

83 100

131 8.7 6.6 10.0

85 64.4 50.1 75.1





#71

1,2,3-Trichloropropane

Concen: 27.307 ug/l

RT: 10.827 min Scan# 2966

Delta R.T. 0.006 min

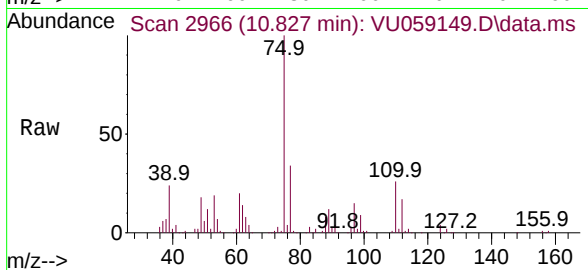
Lab File: VU059149.D

Acq: 05 Jun 2024 12:31

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 297541

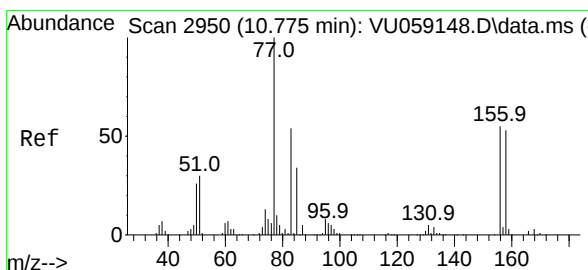
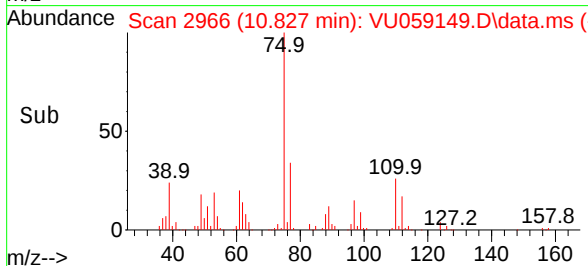
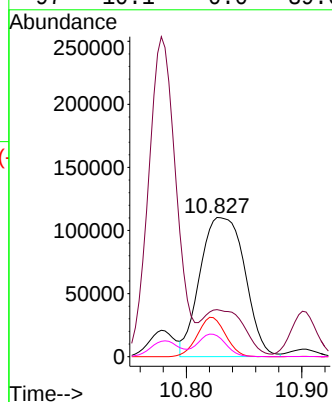
Ion Ratio Lower Upper

75 100

77 30.2 0.0 0.0#

110 17.8 0.0 68.4

97 10.1 0.0 39.6



#72

Bromobenzene

Concen: 16.507 ug/l

RT: 10.778 min Scan# 2951

Delta R.T. 0.003 min

Lab File: VU059149.D

Acq: 05 Jun 2024 12:31

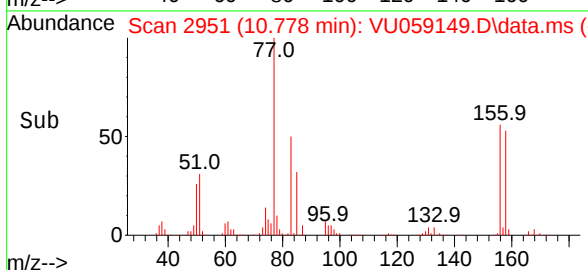
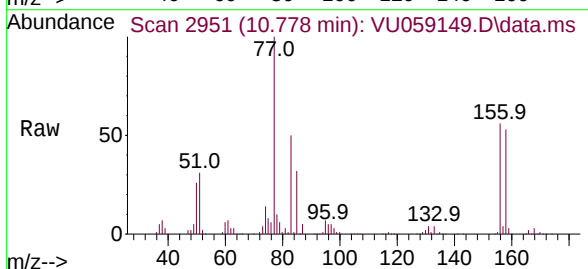
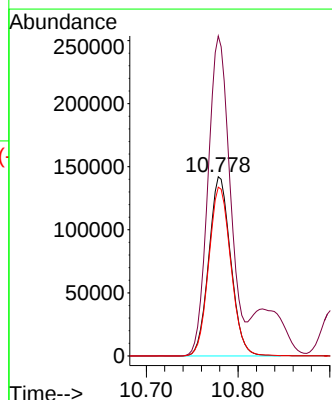
Tgt Ion:156 Resp: 235352

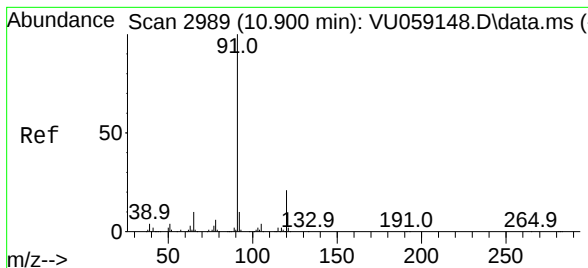
Ion Ratio Lower Upper

156 100

77 181.5 0.0 359.6

158 95.7 0.0 192.2





#73

n-propylbenzene

Concen: 15.092 ug/l

RT: 10.900 min Scan# 2989

Delta R.T. 0.000 min

Lab File: VU059149.D

Acq: 05 Jun 2024 12:31

Instrument :

MSVOA_U

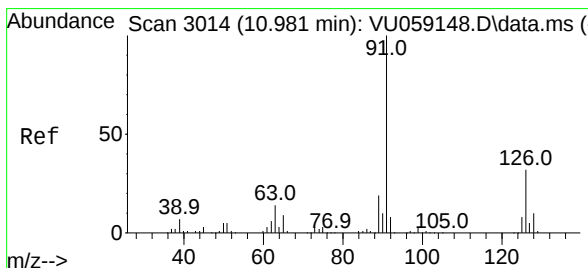
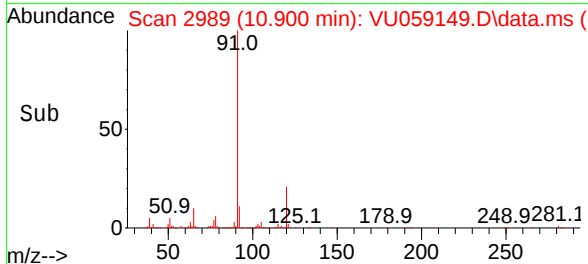
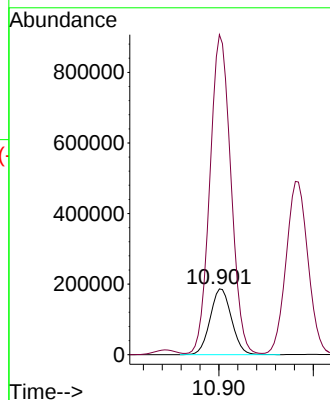
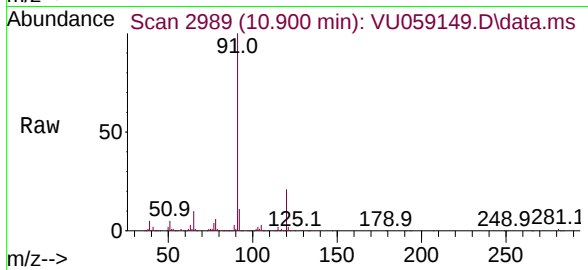
ClientSampleId :

Tgt Ion:120 Resp: 291768

Ion Ratio Lower Upper

120 100

91 475.8 378.6 567.8



#74

2-Chlorotoluene

Concen: 17.047 ug/l

RT: 10.984 min Scan# 3015

Delta R.T. 0.003 min

Lab File: VU059149.D

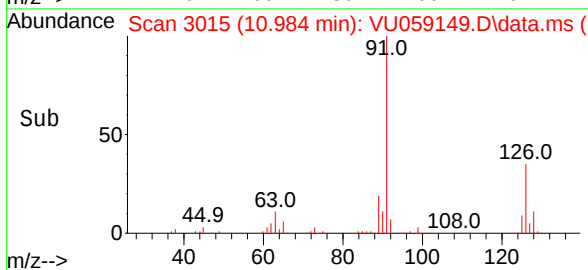
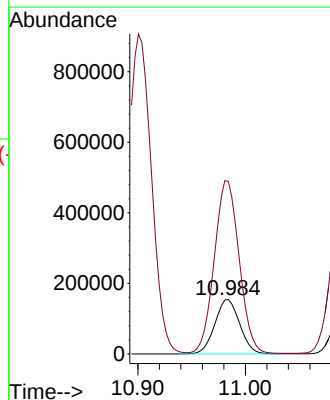
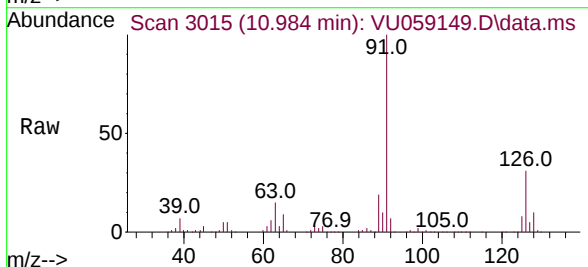
Acq: 05 Jun 2024 12:31

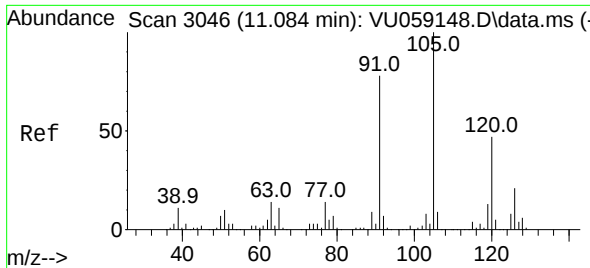
Tgt Ion:126 Resp: 247750

Ion Ratio Lower Upper

126 100

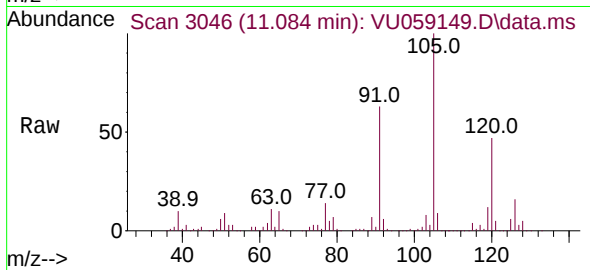
91 316.3 0.0 627.0



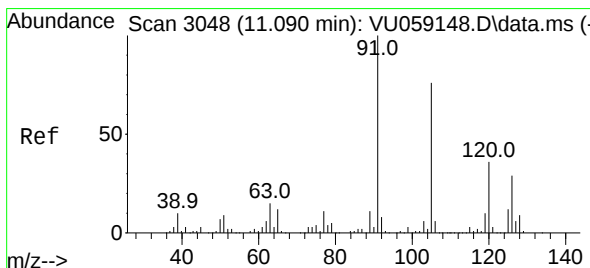
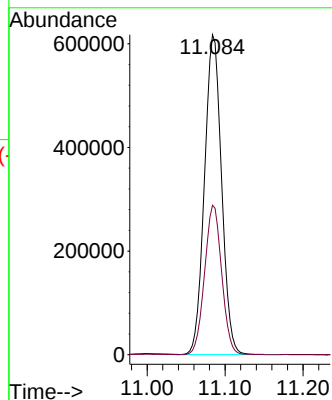
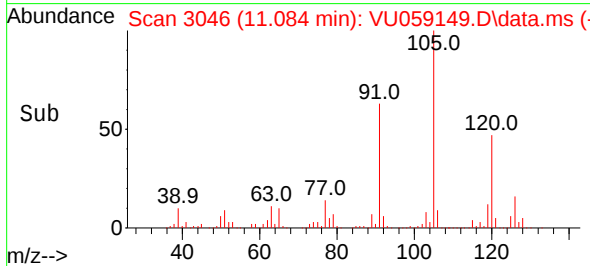


#75
1,3,5-Trimethylbenzene
Concen: 15.155 ug/l
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VU059149.D
Acq: 05 Jun 2024 12:31

Instrument :
MSVOA_U
ClientSampleId :

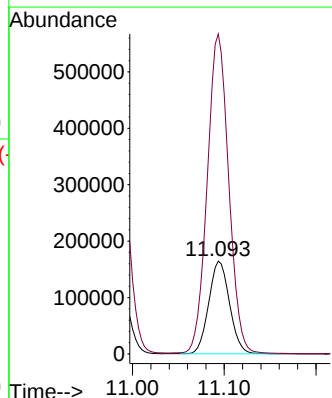
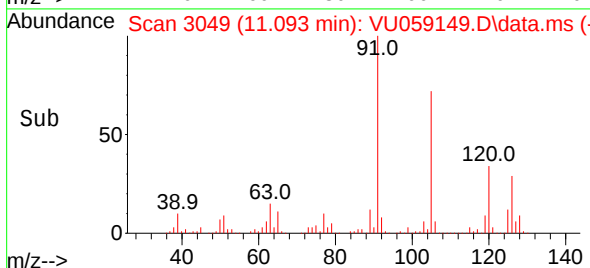
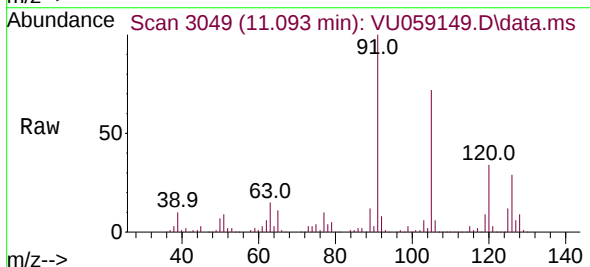


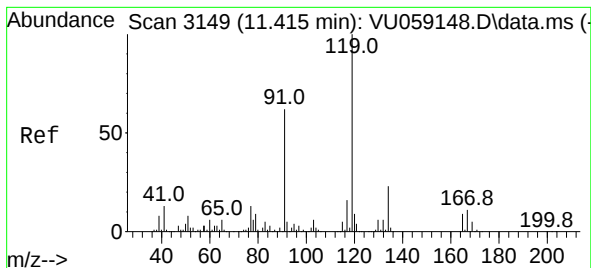
Tgt Ion:105 Resp: 937818
Ion Ratio Lower Upper
105 100
120 46.8 37.5 56.3



#76
4-Chlorotoluene
Concen: 17.051 ug/l
RT: 11.093 min Scan# 3049
Delta R.T. 0.003 min
Lab File: VU059149.D
Acq: 05 Jun 2024 12:31

Tgt Ion:126 Resp: 259056
Ion Ratio Lower Upper
126 100
91 356.4 0.0 704.4





#77

tert-Butylbenzene

Concen: 18.213 ug/l

RT: 11.415 min Scan# 3149

Delta R.T. 0.000 min

Lab File: VU059149.D

Acq: 05 Jun 2024 12:31

Instrument :

MSVOA_U

ClientSampleId :

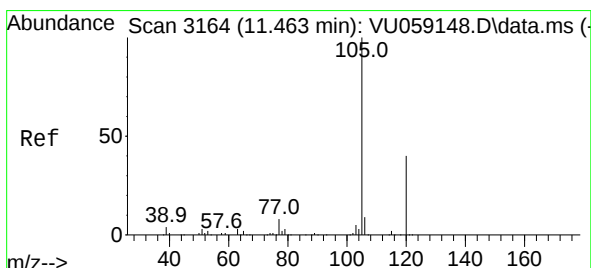
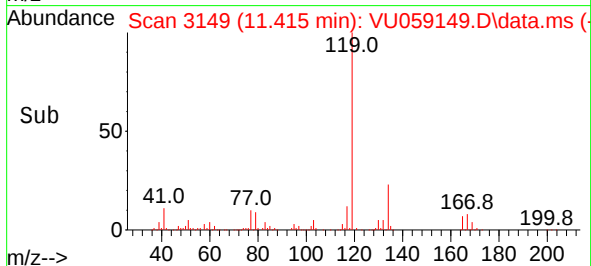
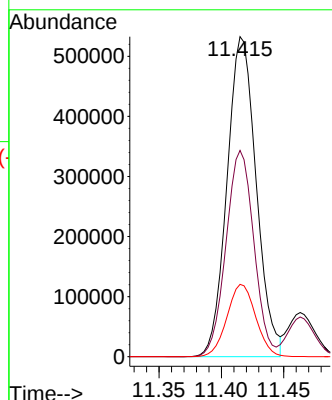
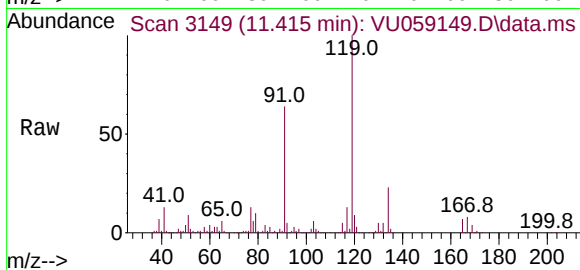
Tgt Ion:119 Resp: 869473

Ion Ratio Lower Upper

119 100

91 61.4 30.7 92.1

134 22.2 17.7 26.5



#78

1,2,4-Trimethylbenzene

Concen: 15.089 ug/l

RT: 11.463 min Scan# 3164

Delta R.T. 0.000 min

Lab File: VU059149.D

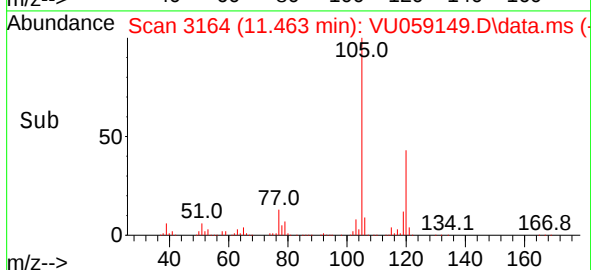
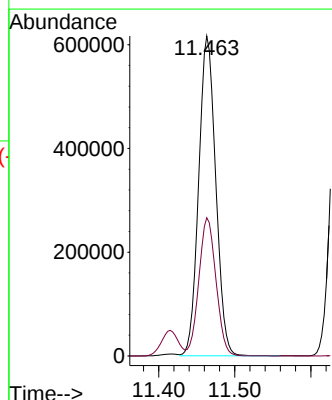
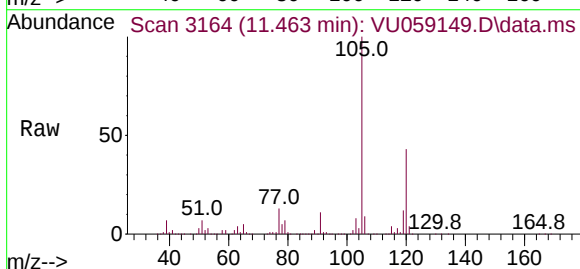
Acq: 05 Jun 2024 12:31

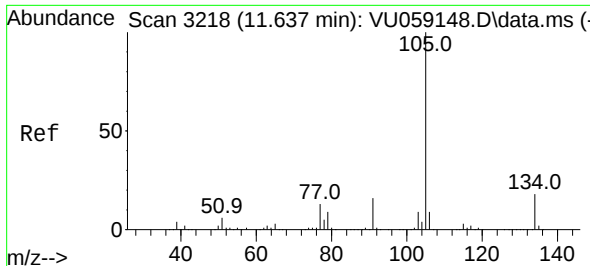
Tgt Ion:105 Resp: 958410

Ion Ratio Lower Upper

105 100

120 43.4 21.7 65.1





#79

sec-Butylbenzene

Concen: 15.087 ug/l

RT: 11.640 min Scan# 3218

Delta R.T. 0.003 min

Lab File: VU059149.D

Acq: 05 Jun 2024 12:31

Instrument :

MSVOA_U

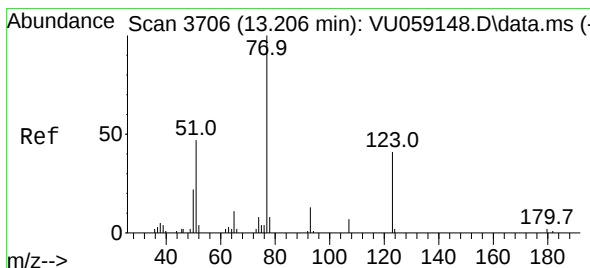
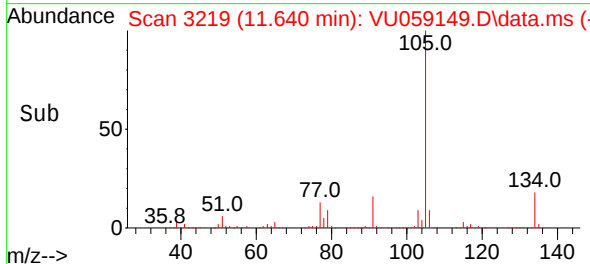
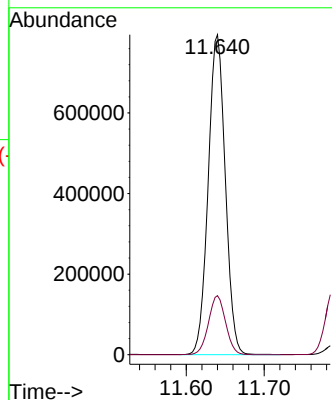
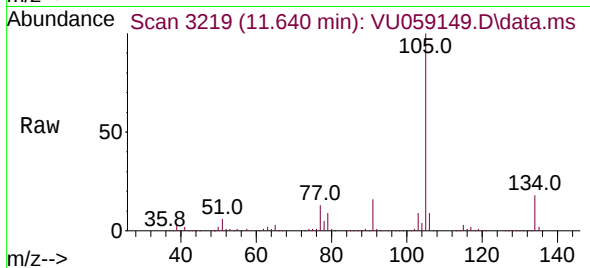
ClientSampleId :

Tgt Ion:105 Resp: 1210925

Ion Ratio Lower Upper

105 100

134 18.5 14.5 21.7



#80

Nitrobenzene

Concen: 75.254 ug/l

RT: 13.206 min Scan# 3706

Delta R.T. 0.000 min

Lab File: VU059149.D

Acq: 05 Jun 2024 12:31

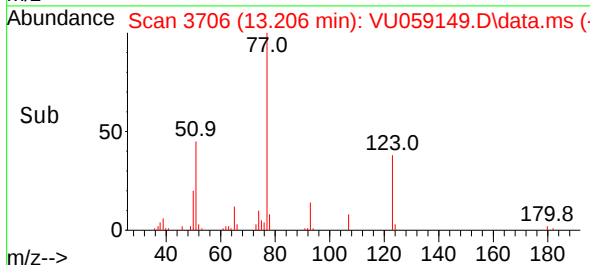
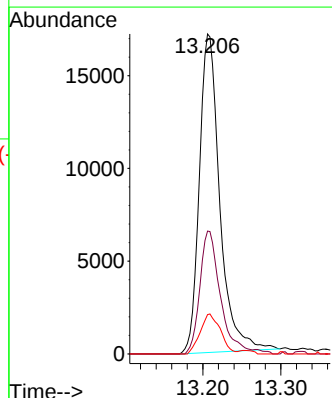
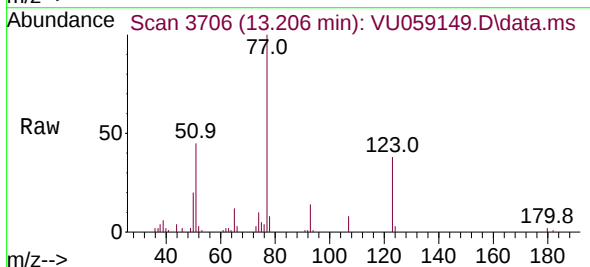
Tgt Ion: 77 Resp: 31280

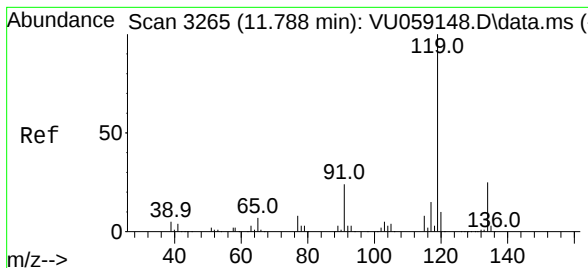
Ion Ratio Lower Upper

77 100

123 36.6 18.3 64.7

65 11.7 10.6 13.4

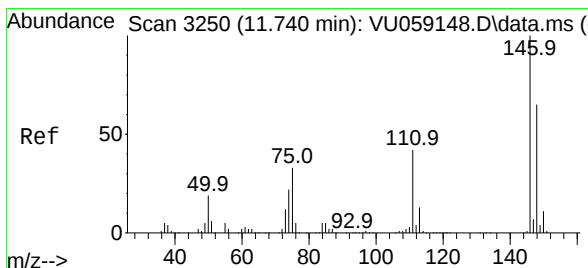
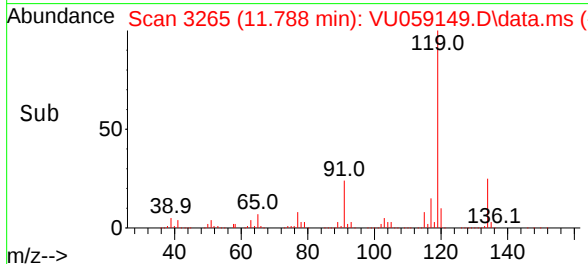
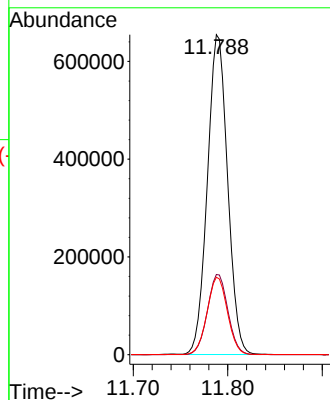
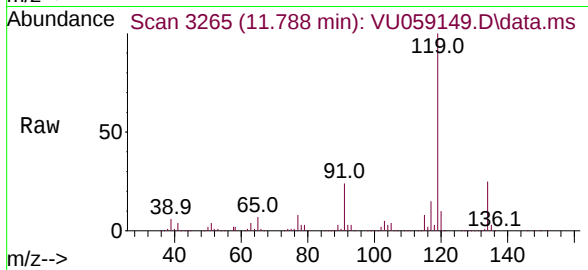




#81
p-Isopropyltoluene
Concen: 15.046 ug/l
RT: 11.788 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU059149.D
Acq: 05 Jun 2024 12:31

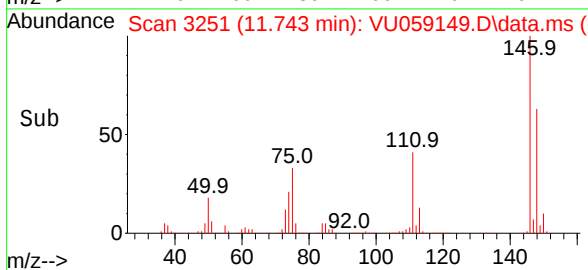
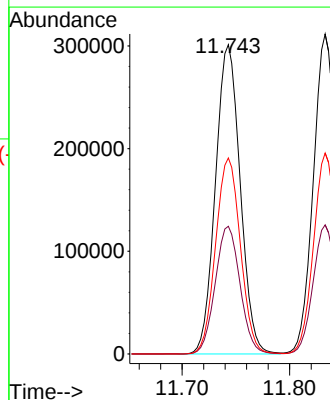
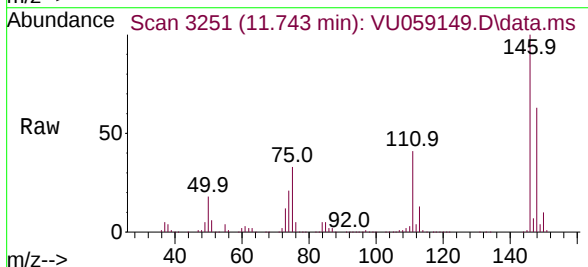
Instrument :
MSVOA_U
ClientSampleId :

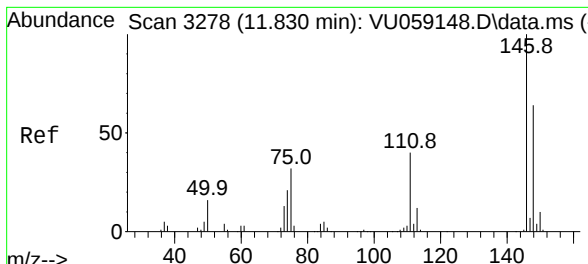
Tgt Ion:119 Resp: 972074
Ion Ratio Lower Upper
119 100
134 25.5 20.2 30.4
91 24.2 19.3 28.9



#82
1,3-Dichlorobenzene
Concen: 15.941 ug/l
RT: 11.743 min Scan# 3251
Delta R.T. 0.003 min
Lab File: VU059149.D
Acq: 05 Jun 2024 12:31

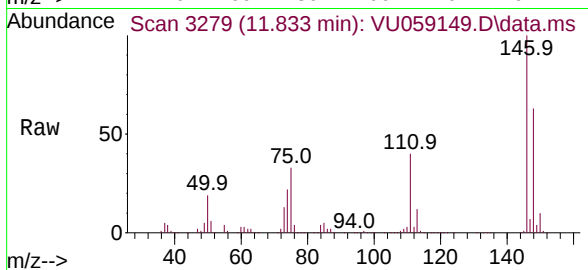
Tgt Ion:146 Resp: 481627
Ion Ratio Lower Upper
146 100
111 41.4 33.4 50.0
148 63.5 51.2 76.8



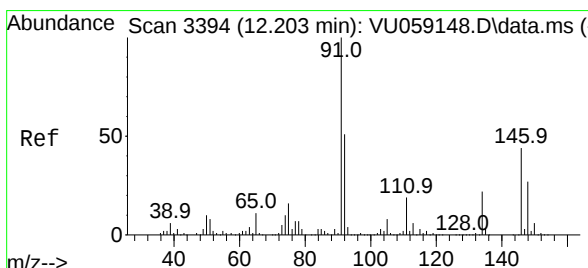
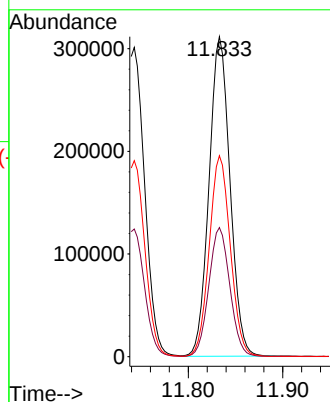
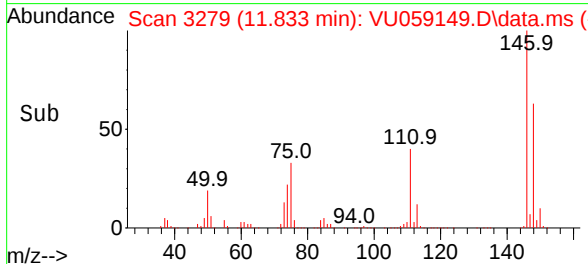


#83
1,4-Dichlorobenzene
Concen: 15.880 ug/l
RT: 11.833 min Scan# 3278
Delta R.T. 0.003 min
Lab File: VU059149.D
Acq: 05 Jun 2024 12:31

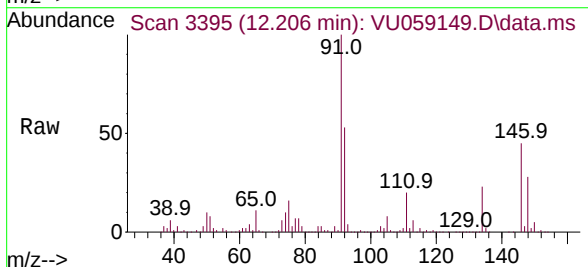
Instrument :
MSVOA_U
ClientSampleId :



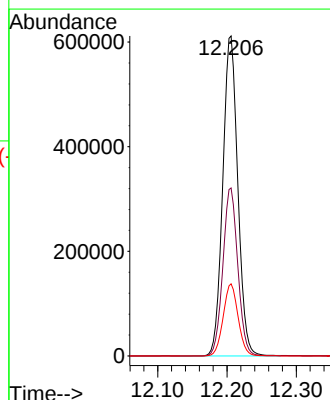
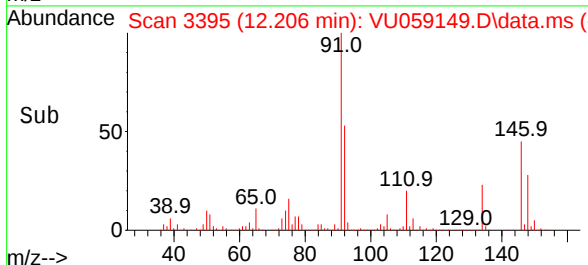
Tgt Ion:146 Resp: 479786
Ion Ratio Lower Upper
146 100
111 40.3 32.1 48.1
148 63.1 51.2 76.8

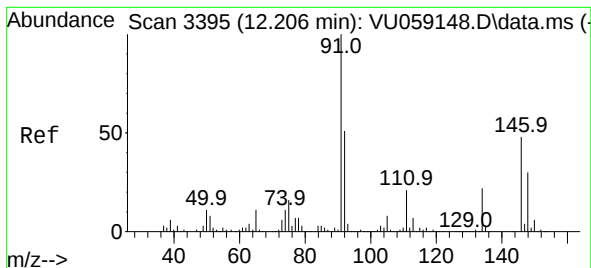


#84
n-Butylbenzene
Concen: 14.918 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. 0.003 min
Lab File: VU059149.D
Acq: 05 Jun 2024 12:31



Tgt Ion: 91 Resp: 925375
Ion Ratio Lower Upper
91 100
92 52.1 40.7 61.1
134 22.4 17.6 26.4





#85

1,2-Dichlorobenzene

Concen: 15.809 ug/l

RT: 12.209 min Scan# 3400

Delta R.T. 0.003 min

Lab File: VU059149.D

Acq: 05 Jun 2024 12:31

Instrument :

MSVOA_U

ClientSampleId :

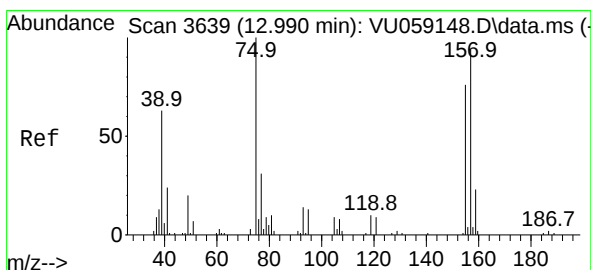
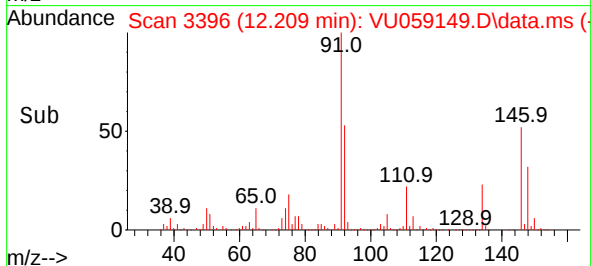
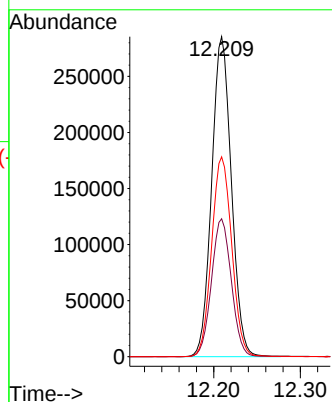
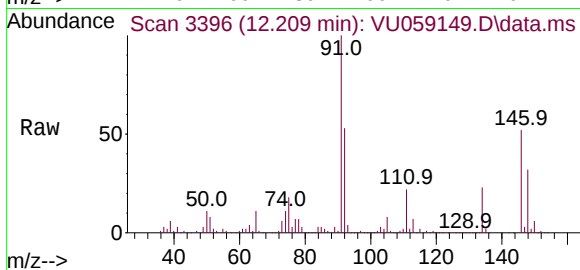
Tgt Ion:146 Resp: 450807

Ion Ratio Lower Upper

146 100

111 43.5 21.8 65.3

148 64.0 31.3 93.9



#86

1,2-Dibromo-3-Chloropropane

Concen: 16.502 ug/l

RT: 12.994 min Scan# 3640

Delta R.T. 0.003 min

Lab File: VU059149.D

Acq: 05 Jun 2024 12:31

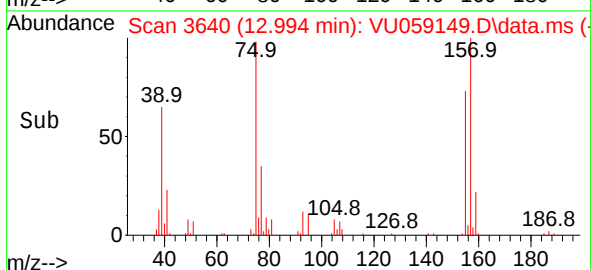
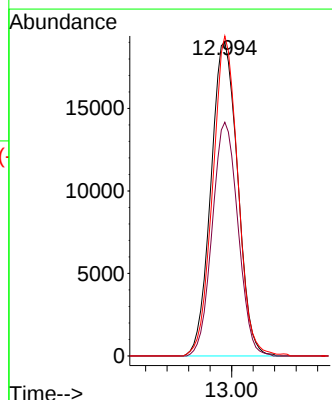
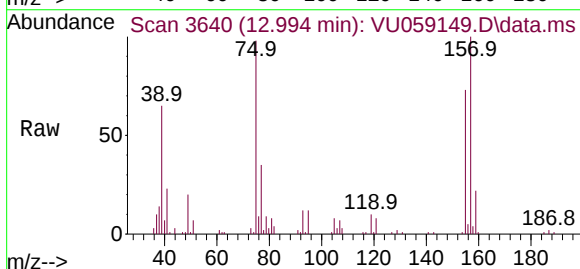
Tgt Ion: 75 Resp: 32906

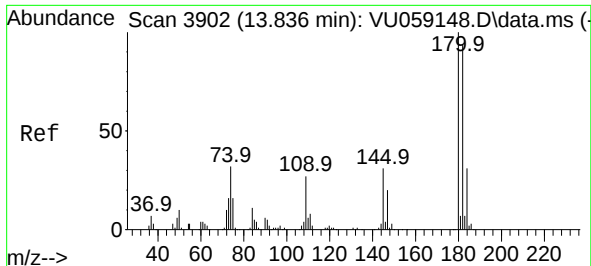
Ion Ratio Lower Upper

75 100

155 71.6 61.2 91.8

157 95.9 75.8 113.6





#87

1,2,4-Trichlorobenzene

Concen: 16.712 ug/l

RT: 13.836 min Scan# 3902

Delta R.T. 0.000 min

Lab File: VU059149.D

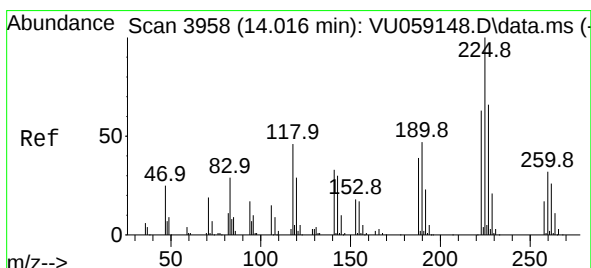
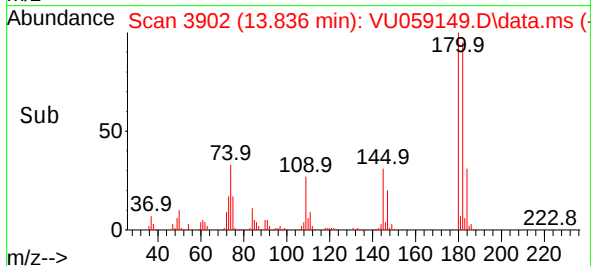
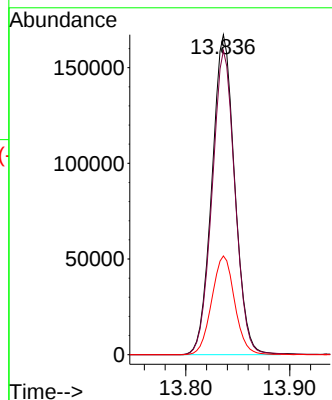
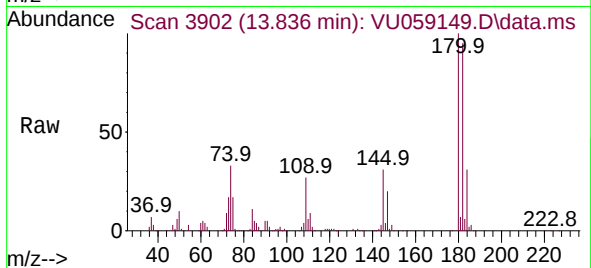
Acq: 05 Jun 2024 12:31

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	180	Resp:	255085
Ion Ratio	Lower	Upper	
180	100		
182	95.0	75.7	113.5
145	31.0	24.6	36.8



#88

Hexachlorobutadiene

Concen: 16.144 ug/l

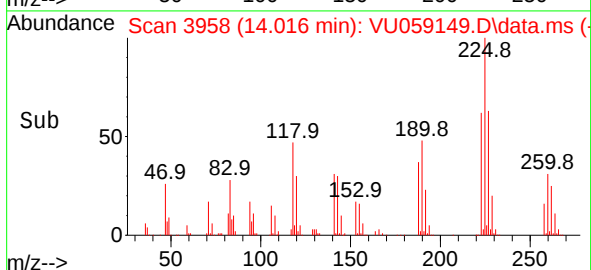
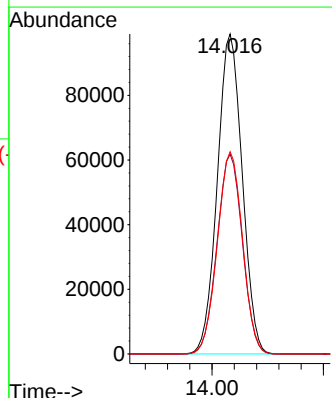
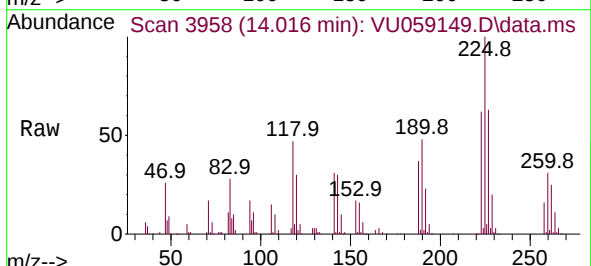
RT: 14.016 min Scan# 3958

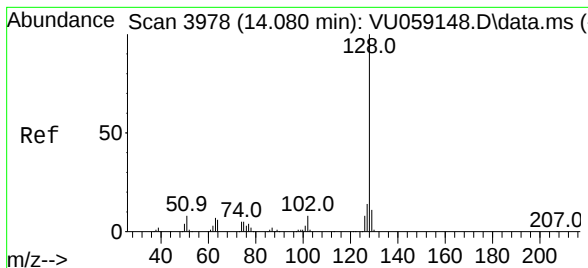
Delta R.T. 0.000 min

Lab File: VU059149.D

Acq: 05 Jun 2024 12:31

Tgt Ion:	225	Resp:	153822
Ion Ratio	Lower	Upper	
225	100		
223	63.5	50.0	75.0
227	63.9	51.8	77.8





#89

Naphthalene

Concen: 17.035 ug/l

RT: 14.084 min Scan# 3978

Delta R.T. 0.003 min

Lab File: VU059149.D

Acq: 05 Jun 2024 12:31

Instrument :

MSVOA_U

ClientSampleId :

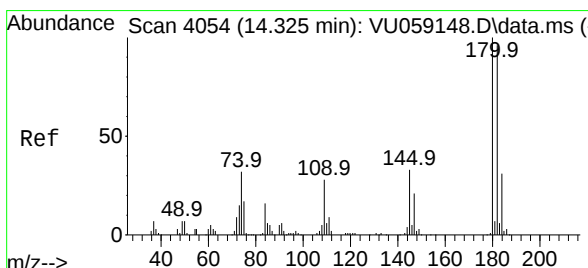
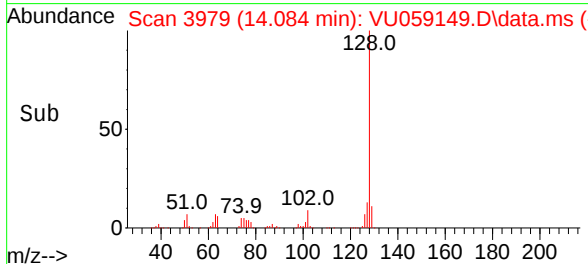
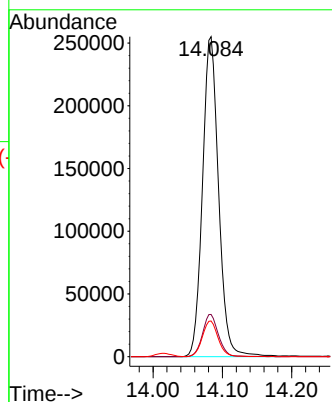
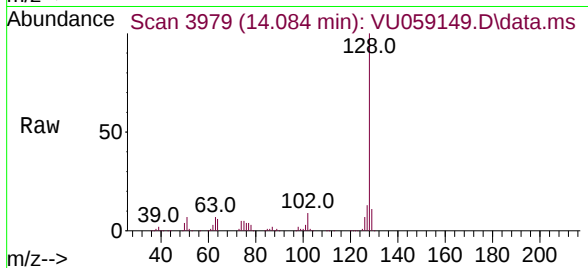
Tgt Ion:128 Resp: 410875

Ion Ratio Lower Upper

128 100

127 13.1 10.7 16.1

129 10.9 8.4 12.6



#90

1,2,3-Trichlorobenzene

Concen: 16.840 ug/l

RT: 14.325 min Scan# 4054

Delta R.T. 0.000 min

Lab File: VU059149.D

Acq: 05 Jun 2024 12:31

Tgt Ion:180 Resp: 233710

Ion Ratio Lower Upper

180 100

182 96.3 76.3 114.5

145 32.3 26.5 39.7

