

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021125\
 Data File : VU063245.D
 Acq On : 11 Feb 2025 19:04
 Operator : MD/SY
 Sample : Q1168-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 12 04:12:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021025DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Feb 12 04:10:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.107	96	49516	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	14450	0.885	ug/l	0.00
Spiked Amount 1.000			Recovery	=	88.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	15221	0.896	ug/l	0.00
Spiked Amount 1.000			Recovery	=	90.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	8547	0.531	ug/l	97
3) Chloromethane	1.518	50	10883	0.587	ug/l	99
4) Vinyl Chloride	1.599	62	9753	0.532	ug/l	97
5) Bromomethane	1.846	94	5800	0.648	ug/l	100
6) Chloroethane	1.924	64	6434	0.557	ug/l	# 85
7) Trichlorofluoromethane	2.129	101	12419	0.572	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	6744	0.547	ug/l	97
9) 1,1-Dichloroethene	2.570	96	6736	0.536	ug/l	95
10) Iodomethane	2.711	142	10840	0.549	ug/l	100
11) Allyl Chloride	2.911	41	9747	0.540	ug/l	100
12) Acrylonitrile	3.322	53	2819	0.973	ug/l	# 76
13) Acetone	2.618	43	6335	2.843	ug/l	100
14) Carbon Disulfide	2.782	76	24608	0.560	ug/l	98
15) Methylene Chloride	3.033	84	8947	0.576	ug/l	95
16) trans-1,2-Dichloroethene	3.345	96	7295	0.509	ug/l	88
17) 1,1-Dichloroethane	3.856	63	14799	0.548	ug/l	97
18) 2-Butanone	4.730	43	6031	1.701	ug/l	100
19) Cyclohexane	5.374	56	9862	0.454	ug/l	# 84
20) Methylcyclohexane	6.750	83	10467	0.486	ug/l	97
21) 2,2-Dichloropropane	4.650	77	11200	0.531	ug/l	99
22) cis-1,2-Dichloroethene	4.660	96	8504	0.549	ug/l	97
23) Diethyl Ether	2.367	59	5574	0.517	ug/l	# 87
24) tert-Butyl Alcohol	3.174	59	11712	8.932	ug/l	# 88
25) Methyl tert-Butyl Ether	3.351	73	16568	0.528	ug/l	97
26) Bromochloromethane	4.972	128	3788	0.559	ug/l	92
27) Chloroform	5.078	83	15658	0.574	ug/l	91
28) 1,1,1-Trichloroethane	5.306	97	11945	0.541	ug/l	98
29) 1,1-Dichloropropene	5.518	75	10194	0.515	ug/l	98
30) Carbon Tetrachloride	5.512	117	10904	0.576	ug/l	90
31) Isopropyl Ether	3.981	45	19939	0.517	ug/l	98
32) Ethyl-t-butyl ether	4.486	59	17524	0.499	ug/l	99
33) Tert-Amyl methyl ether	5.930	73	15508	0.506	ug/l	99
34) Propionitrile	4.795	54	763	0.713	ug/l	# 82
35) Benzene	5.766	78	33147	0.545	ug/l	99
36) 1,2-Dichloroethane	5.788	62	9160	0.522	ug/l	97
37) Trichloroethene	6.534	130	8367	0.578	ug/l	100
38) 1,2-Dichloropropane	6.782	63	8371	0.526	ug/l	91
39) Methacrylonitrile	4.984	41	952	0.239	ug/l	# 78
40) Methyl acrylate	4.798	55	45	0.006	ug/l	# 69
41) Tetrahydrofuran	5.058	42	2603	1.123	ug/l	# 82
42) 1-Chlorobutane	5.451	56	14071	0.520	ug/l	94
43) Dibromomethane	6.914	93	4280	0.531	ug/l	97
44) Bromodichloromethane	7.097	83	10849	0.578	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021125\
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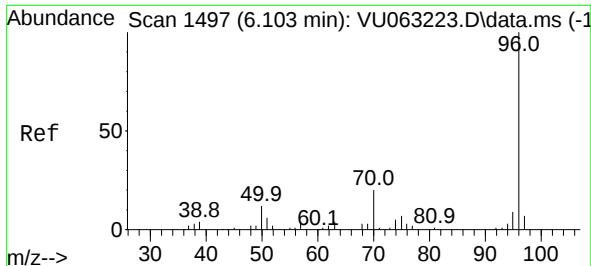
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Feb 12 04:10:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.782	43	20299	2.401	ug/l	92
46) t-1,4-Dichloro-2-butene	10.814	75	4624	1.164	ug/l #	69
47) Methyl methacrylate	6.962	69	5655	0.833	ug/l	93
48) Ethyl methacrylate	8.335	69	5654	0.443	ug/l	100
49) Toluene	7.962	92	17076	0.488	ug/l	97
50) t-1,3-Dichloropropene	8.206	75	8498	0.495	ug/l	94
51) cis-1,3-Dichloropropene	7.602	75	10557	0.497	ug/l	96
52) 1,1,2-Trichloroethane	8.393	97	6004	0.552	ug/l	92
53) 1,3-Dichloropropane	8.570	76	10372	0.537	ug/l	96
54) 2-Hexanone	8.685	43	11501	1.994	ug/l	95
55) Dibromochloromethane	8.798	129	6832	0.546	ug/l	100
56) 1,2-Dibromoethane	8.920	107	5306	0.520	ug/l	98
58) Tetrachloroethene	8.544	164	6873	0.576	ug/l	94
59) Chlorobenzene	9.441	112	19237	0.521	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.524	131	7524	0.567	ug/l	97
61) Pentachloroethane	11.415	117	6352	0.536	ug/l	92
62) Hexachloroethane	12.463	117	5243	0.500	ug/l	93
63) Ethyl Benzene	9.563	91	29739	0.467	ug/l	99
64) m/p-Xylenes	9.685	106	21944	0.923	ug/l	92
65) o-Xylene	10.094	106	10985	0.472	ug/l	99
66) Styrene	10.113	104	16318	0.440	ug/l	98
67) Bromoform	10.283	173	3852	0.543	ug/l #	97
69) Isopropylbenzene	10.473	105	25304	0.462	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.772	83	7937	0.542	ug/l	99
71) 1,2,3-Trichloropropane	10.814	75	4624	0.420	ug/l #	95
72) Bromobenzene	10.778	156	7720	0.523	ug/l	83
73) n-propylbenzene	10.897	120	7098	0.453	ug/l	99
74) 2-Chlorotoluene	10.978	126	7187	0.498	ug/l	88
75) 1,3,5-Trimethylbenzene	11.081	105	21086	0.416	ug/l	99
76) 4-Chlorotoluene	11.094	126	7168	0.484	ug/l	86
77) tert-Butylbenzene	11.409	119	23184	0.452	ug/l	99
78) 1,2,4-Trimethylbenzene	11.460	105	20247	0.402	ug/l	97
79) sec-Butylbenzene	11.634	105	28659	0.439	ug/l	99
80) Nitrobenzene	13.238	77	251	0.720	ug/l #	41
81) p-Isopropyltoluene	11.785	119	21014	0.408	ug/l	99
82) 1,3-Dichlorobenzene	11.740	146	14427	0.504	ug/l	97
83) 1,4-Dichlorobenzene	11.833	146	14210	0.508	ug/l	99
84) n-Butylbenzene	12.203	91	19763	0.428	ug/l	95
85) 1,2-Dichlorobenzene	12.206	146	13911	0.506	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	13.003	75	888	0.432	ug/l	98
87) 1,2,4-Trichlorobenzene	13.843	180	6125	0.457	ug/l	97
88) Hexachlorobutadiene	14.010	225	5337	0.557	ug/l	100
89) Naphthalene	14.093	128	9040	0.419	ug/l #	92
90) 1,2,3-Trichlorobenzene	14.325	180	6122	0.467	ug/l	96

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

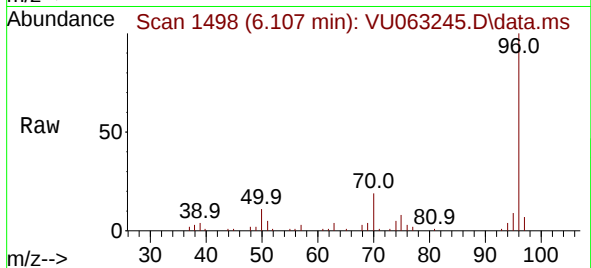
Quant Time: Feb 12 04:12:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021025DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Feb 12 04:10:16 2025
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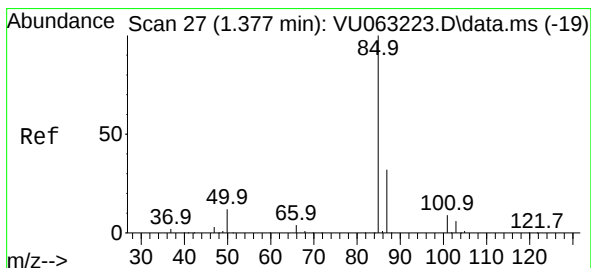
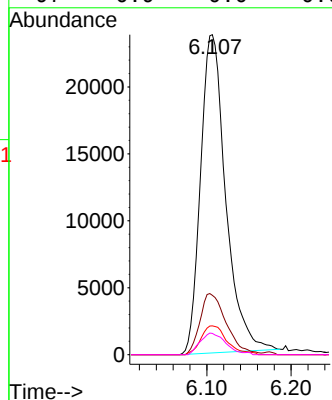
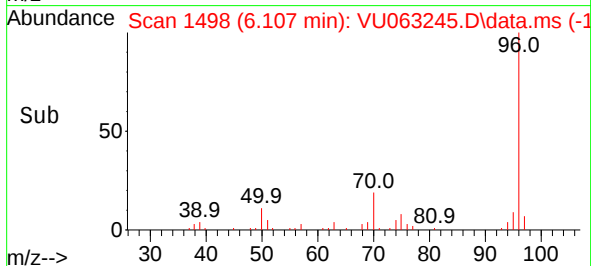


#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.107 min Scan# 14
Delta R.T. 0.004 min
Lab File: VU063245.D
Acq: 11 Feb 2025 19:04

Instrument :
MSVOA_U
ClientSampleId :

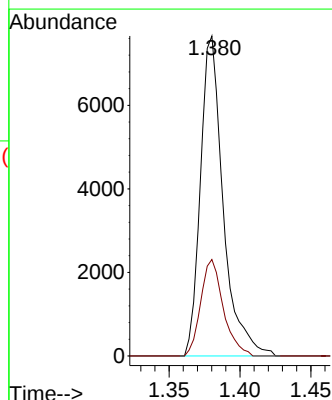
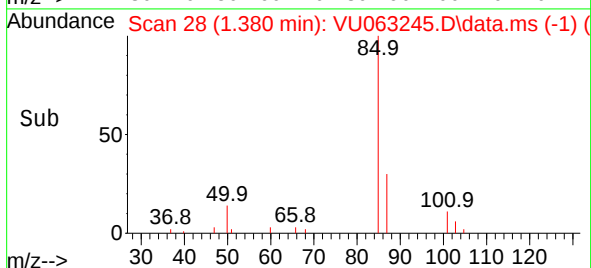
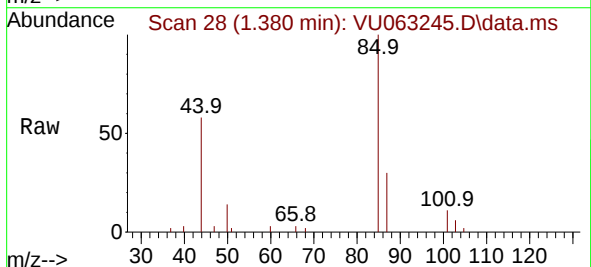


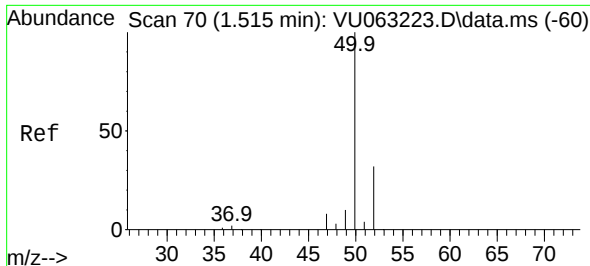
Tgt Ion: 96 Resp: 49516
Ion Ratio Lower Upper
96 100
70 19.3 15.6 23.4
95 9.3 7.3 10.9
97 6.9 0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 0.531 ug/l
RT: 1.380 min Scan# 28
Delta R.T. 0.003 min
Lab File: VU063245.D
Acq: 11 Feb 2025 19:04

Tgt Ion: 85 Resp: 8547
Ion Ratio Lower Upper
85 100
87 30.1 16.0 48.0

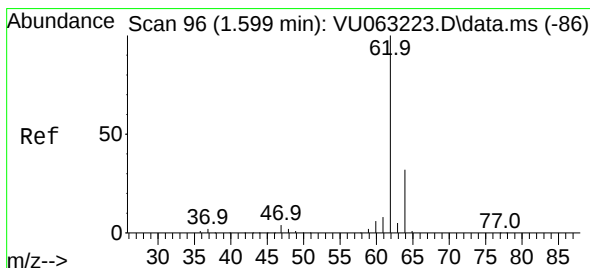
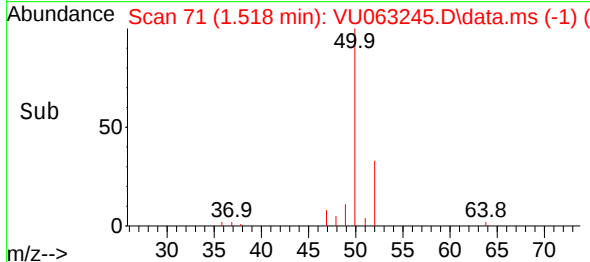
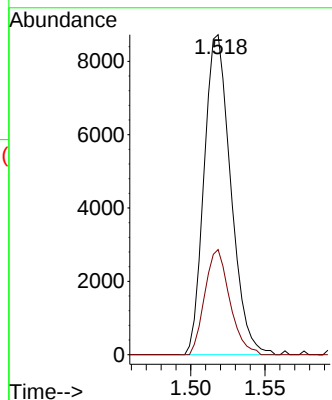
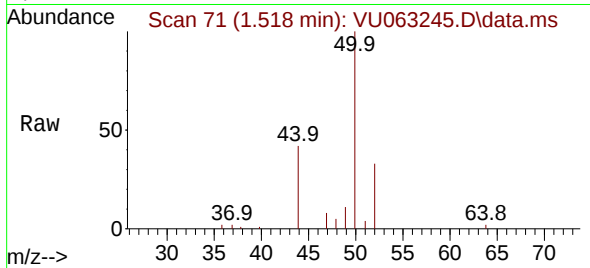




#3
Chloromethane
Concen: 0.587 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU063245.D
Acq: 11 Feb 2025 19:04

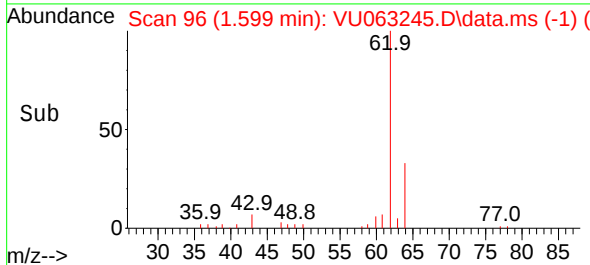
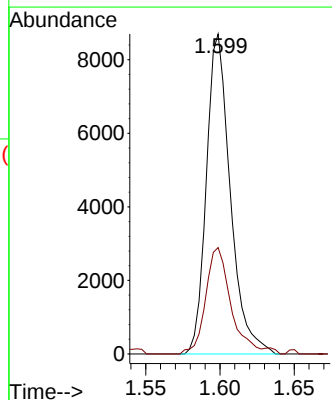
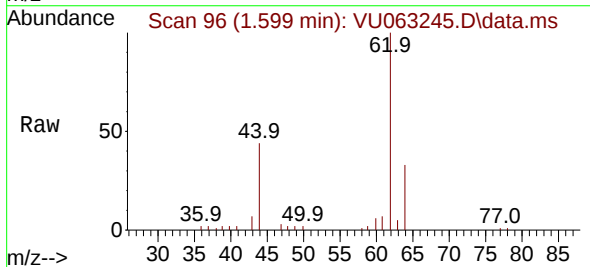
Instrument :
MSVOA_U
ClientSampleId :

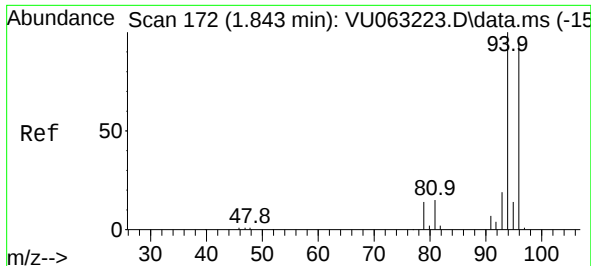
Tgt Ion: 50 Resp: 10883
Ion Ratio Lower Upper
50 100
52 32.8 25.8 38.8



#4
Vinyl Chloride
Concen: 0.532 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063245.D
Acq: 11 Feb 2025 19:04

Tgt Ion: 62 Resp: 9753
Ion Ratio Lower Upper
62 100
64 33.3 25.4 38.0

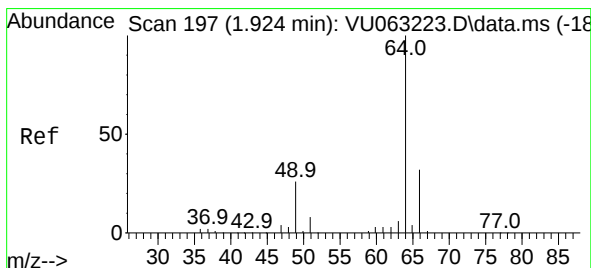
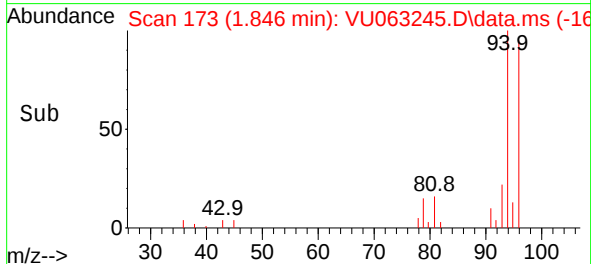
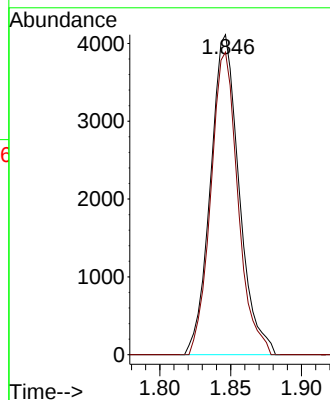
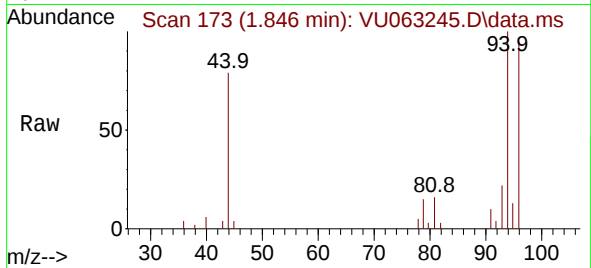




#5
Bromomethane
Concen: 0.648 ug/l
RT: 1.846 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU063245.D
Acq: 11 Feb 2025 19:04

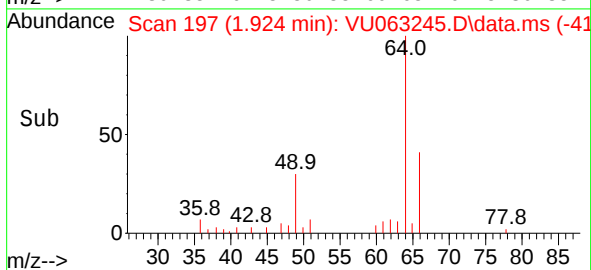
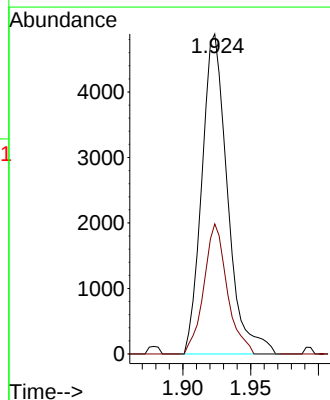
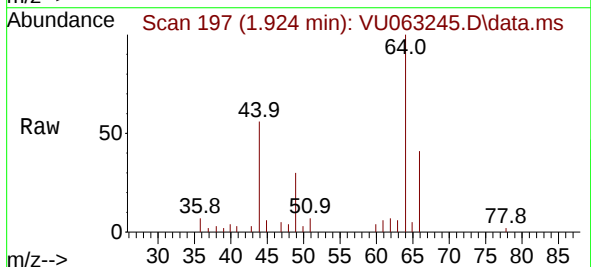
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MSVOA_U
ClientSampleId :

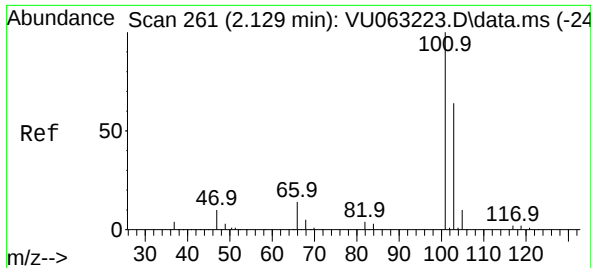
Tgt Ion: 94 Resp: 5800
Ion Ratio Lower Upper
94 100
96 94.6 75.7 113.5



#6
Chloroethane
Concen: 0.557 ug/l
RT: 1.924 min Scan# 197
Delta R.T. -0.000 min
Lab File: VU063245.D
Acq: 11 Feb 2025 19:04

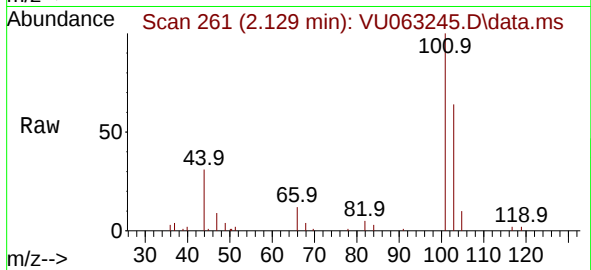
Tgt Ion: 64 Resp: 6434
Ion Ratio Lower Upper
64 100
66 40.6 25.8 38.8#



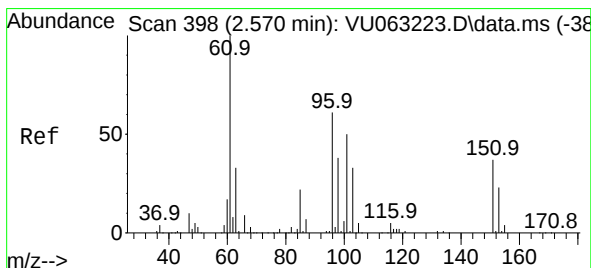
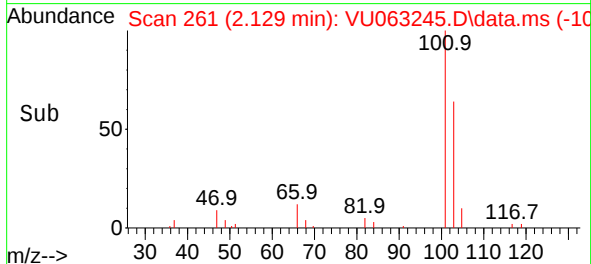
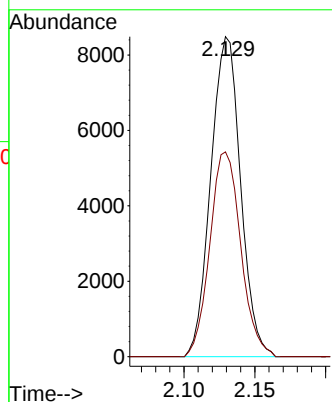


#7
 Trichlorofluoromethane
 Concen: 0.572 ug/l
 RT: 2.129 min Scan# 261
 Delta R.T. 0.000 min
 Lab File: VU063245.D
 Acq: 11 Feb 2025 19:04

Instrument :
 MSVOA_U
 ClientSampleId :

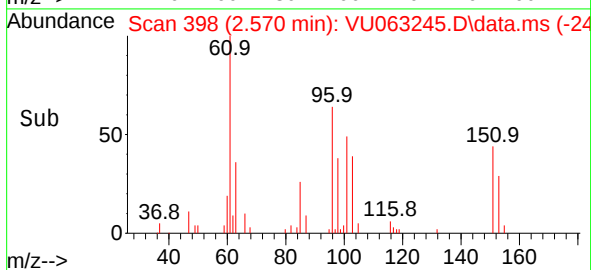
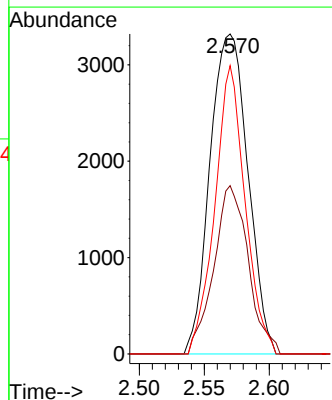
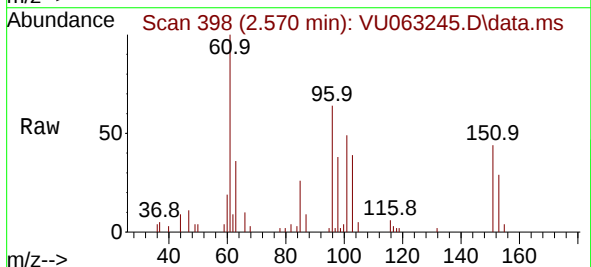


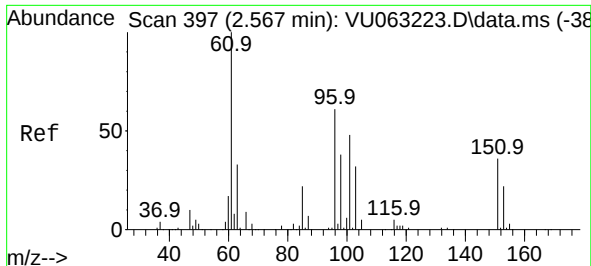
Tgt Ion:101 Resp: 12419
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.4 77.2



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.547 ug/l
 RT: 2.570 min Scan# 398
 Delta R.T. 0.000 min
 Lab File: VU063245.D
 Acq: 11 Feb 2025 19:04

Tgt Ion:101 Resp: 6744
 Ion Ratio Lower Upper
 101 100
 85 47.8 35.4 53.0
 151 71.9 58.5 87.7

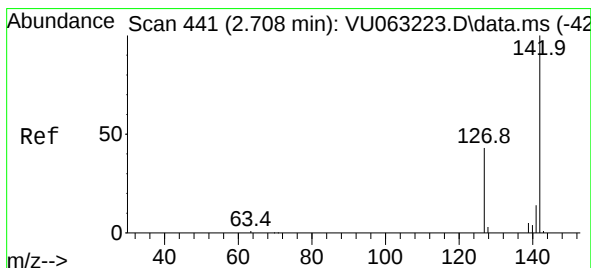
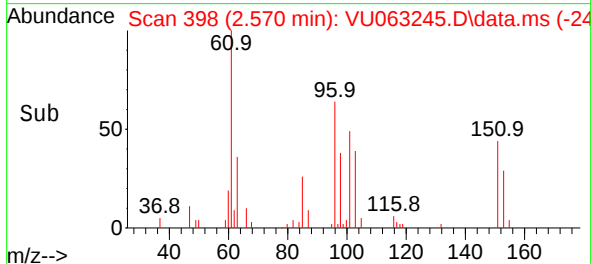
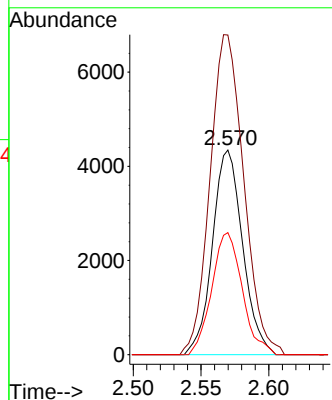
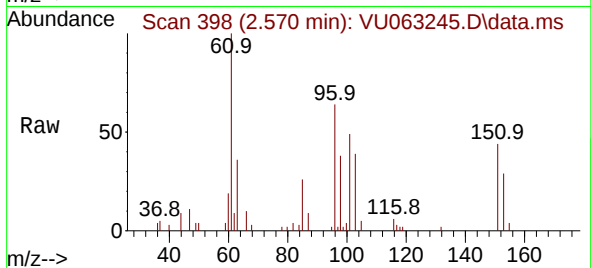




#9
1,1-Dichloroethene
Concen: 0.536 ug/l
RT: 2.570 min Scan# 397
Delta R.T. 0.003 min
Lab File: VU063245.D
Acq: 11 Feb 2025 19:04

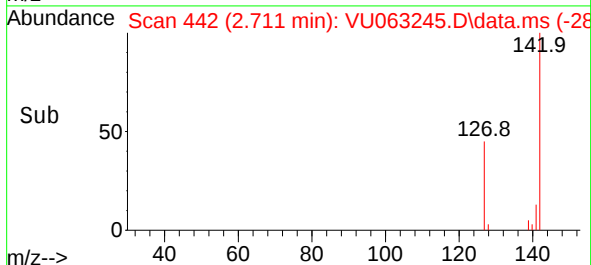
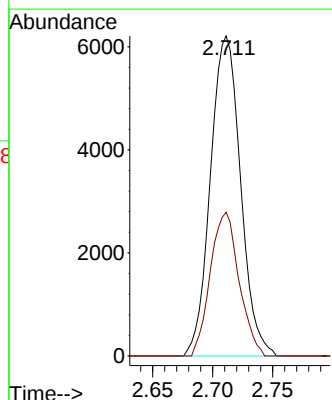
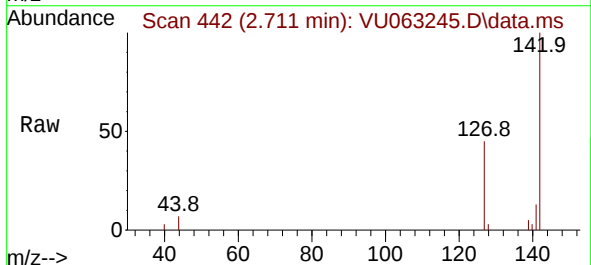
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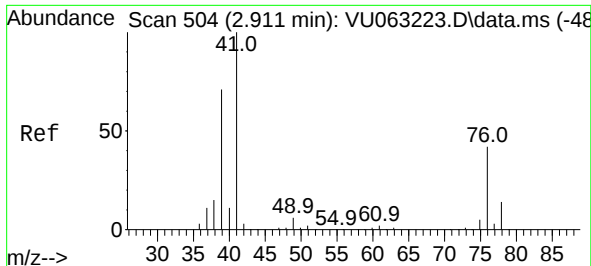
Tgt Ion: 96 Resp: 6736
Ion Ratio Lower Upper
96 100
61 156.2 0.0 492.9
98 62.8 0.0 124.0



#10
Iodomethane
Concen: 0.549 ug/l
RT: 2.711 min Scan# 442
Delta R.T. 0.003 min
Lab File: VU063245.D
Acq: 11 Feb 2025 19:04

Tgt Ion: 142 Resp: 10840
Ion Ratio Lower Upper
142 100
127 42.8 34.5 51.7





#11

Allyl Chloride

Concen: 0.540 ug/l

RT: 2.911 min Scan# 504

Delta R.T. 0.000 min

Lab File: VU063245.D

Acq: 11 Feb 2025 19:04

Instrument :

MSVOA_U

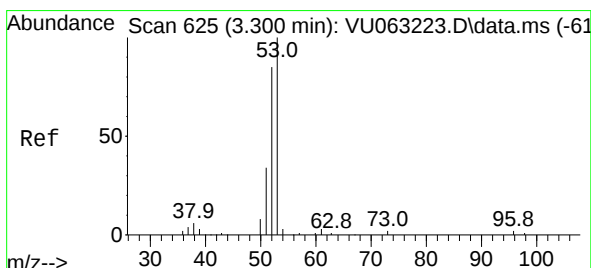
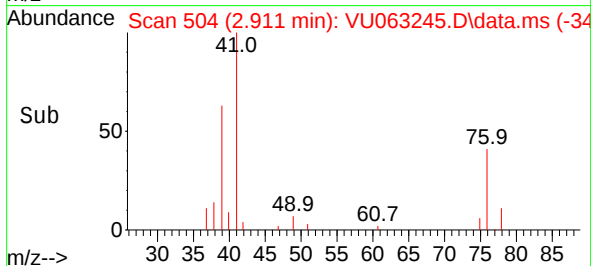
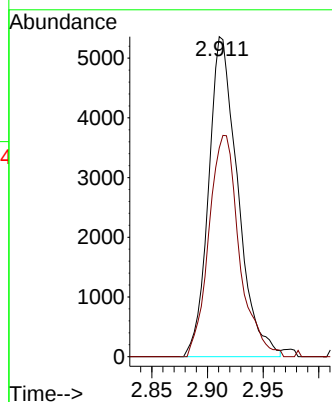
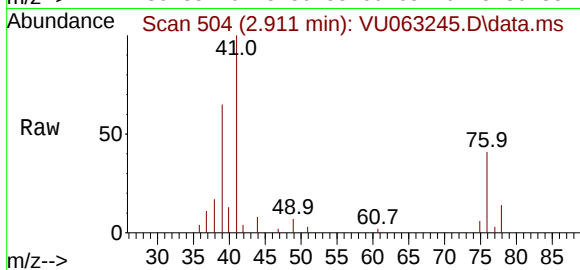
ClientSampleId :

Tgt Ion: 41 Resp: 9747

Ion Ratio Lower Upper

41 100

39 72.2 57.9 86.9



#12

Acrylonitrile

Concen: 0.973 ug/l

RT: 3.322 min Scan# 632

Delta R.T. 0.022 min

Lab File: VU063245.D

Acq: 11 Feb 2025 19:04

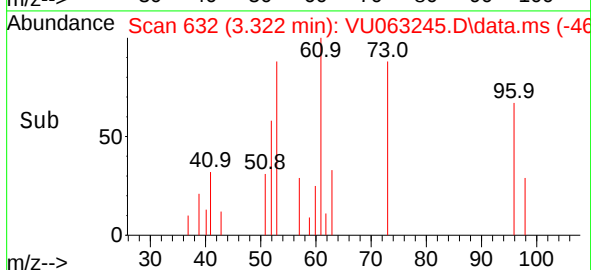
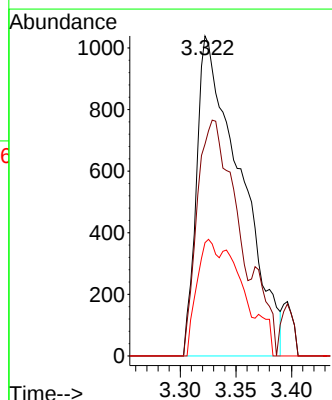
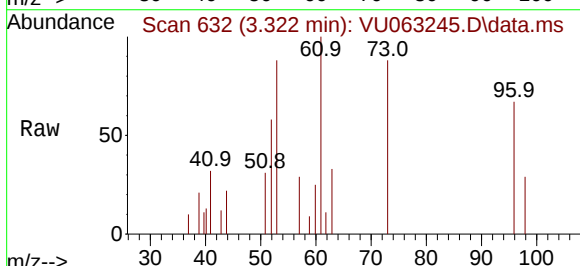
Tgt Ion: 53 Resp: 2819

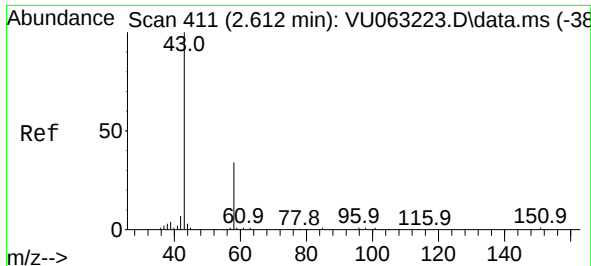
Ion Ratio Lower Upper

53 100

52 63.2 64.2 96.2#

51 18.0 30.8 46.2#





#13

Acetone

Concen: 2.843 ug/l

RT: 2.618 min Scan# 411

Delta R.T. 0.006 min

Lab File: VU063245.D

Acq: 11 Feb 2025 19:04

Instrument :

MSVOA_U

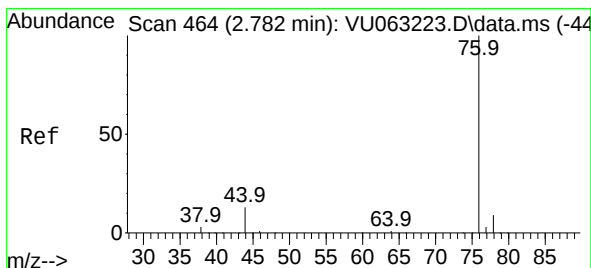
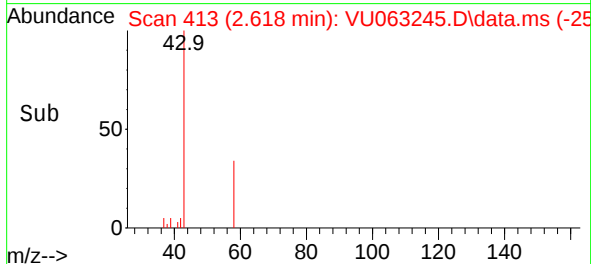
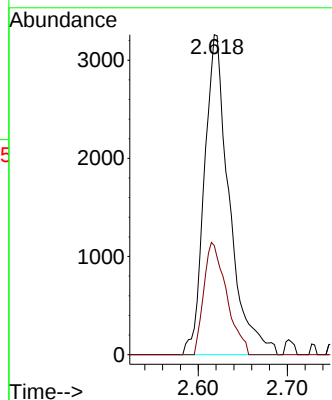
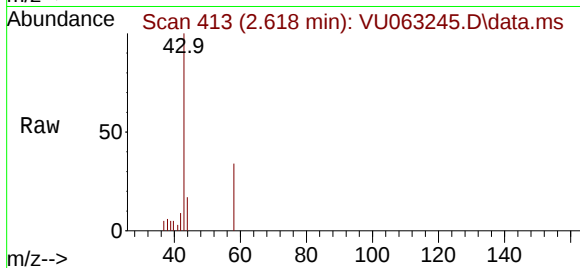
ClientSampleId :

Tgt Ion: 43 Resp: 6335

Ion Ratio Lower Upper

43 100

58 34.1 27.4 41.0



#14

Carbon Disulfide

Concen: 0.560 ug/l

RT: 2.782 min Scan# 464

Delta R.T. -0.000 min

Lab File: VU063245.D

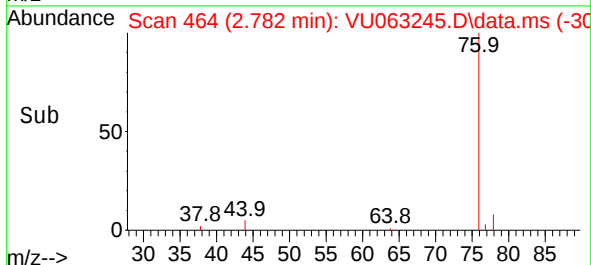
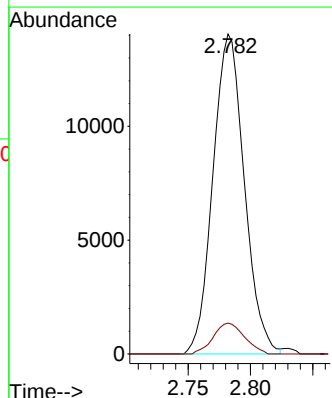
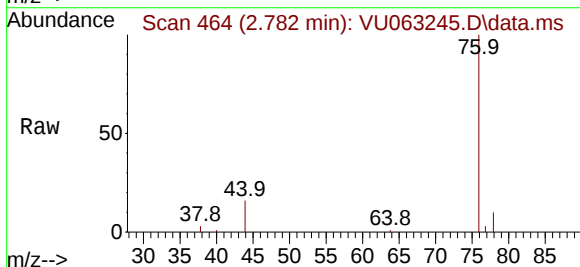
Acq: 11 Feb 2025 19:04

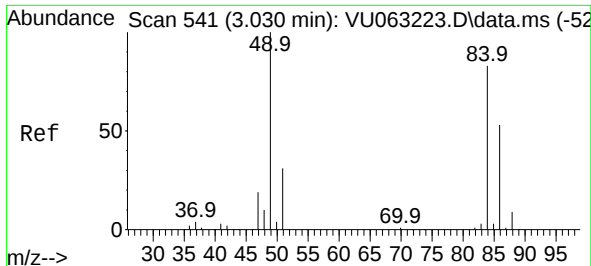
Tgt Ion: 76 Resp: 24608

Ion Ratio Lower Upper

76 100

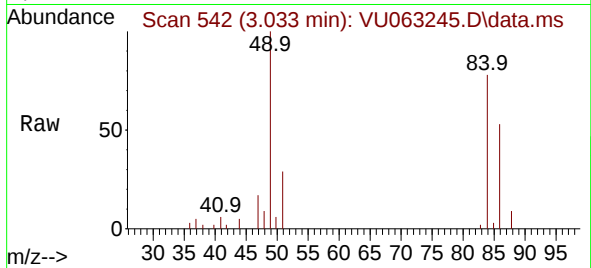
78 9.7 7.2 10.8



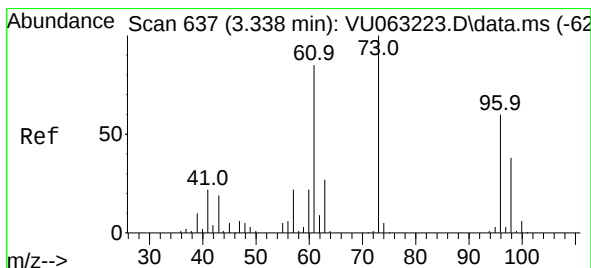
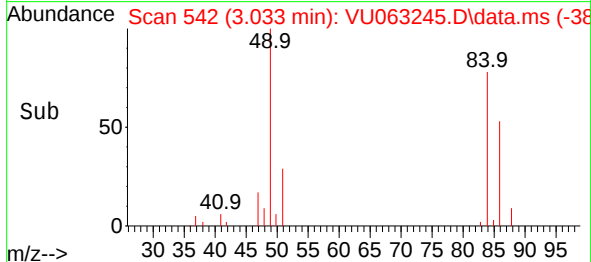
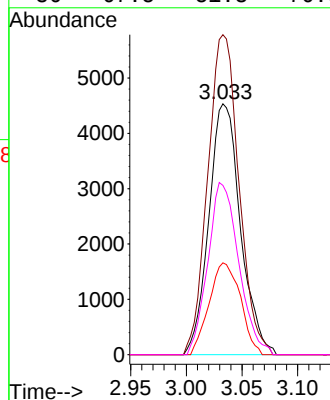


#15
Methylene Chloride
Concen: 0.576 ug/l
RT: 3.033 min Scan# 541
Delta R.T. 0.003 min
Lab File: VU063245.D
Acq: 11 Feb 2025 19:04

Instrument :
MSVOA_U
ClientSampleId :

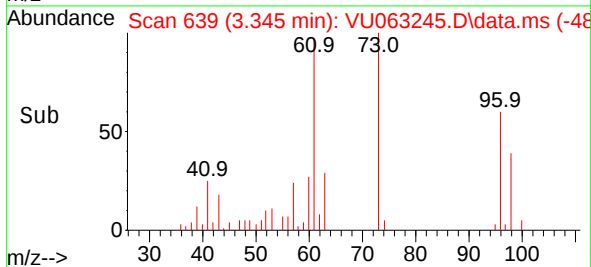
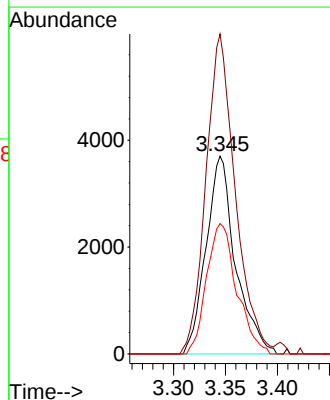
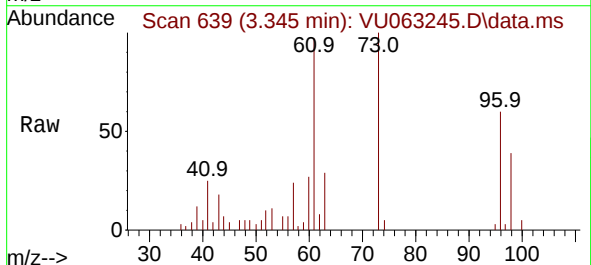


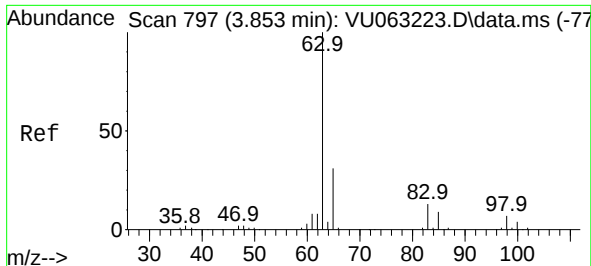
Tgt Ion:	84	Resp:	8947
Ion	Ratio	Lower	Upper
84	100		
49	127.6	96.4	144.6
51	36.6	0.0	74.8
86	67.5	51.3	76.9



#16
trans-1,2-Dichloroethene
Concen: 0.509 ug/l
RT: 3.345 min Scan# 639
Delta R.T. 0.006 min
Lab File: VU063245.D
Acq: 11 Feb 2025 19:04

Tgt Ion:	96	Resp:	7295
Ion	Ratio	Lower	Upper
96	100		
61	161.8	113.4	170.2
98	66.0	51.2	76.8





#17

1,1-Dichloroethane

Concen: 0.548 ug/l

RT: 3.856 min Scan# 71

Delta R.T. 0.003 min

Lab File: VU063245.D

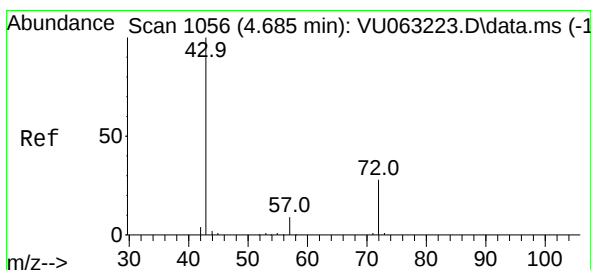
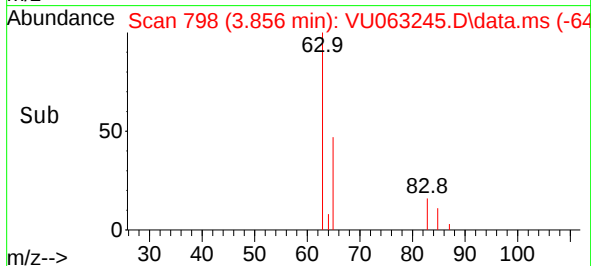
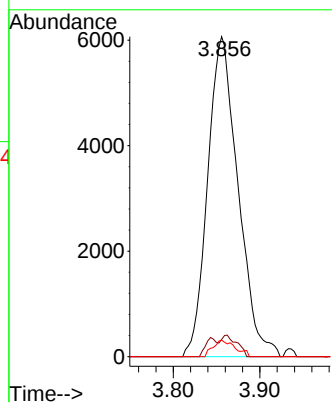
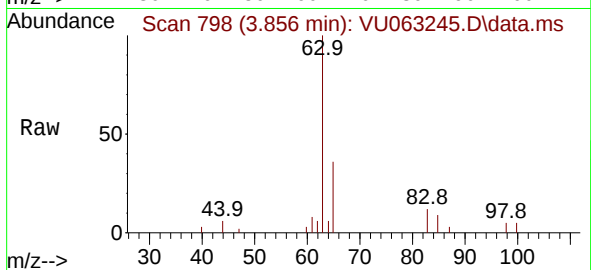
Acq: 11 Feb 2025 19:04

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	14799
Ion Ratio	Lower	Upper	
63	100		
98	5.4	3.3	9.9
100	5.2	2.1	6.2



#18

2-Butanone

Concen: 1.701 ug/l

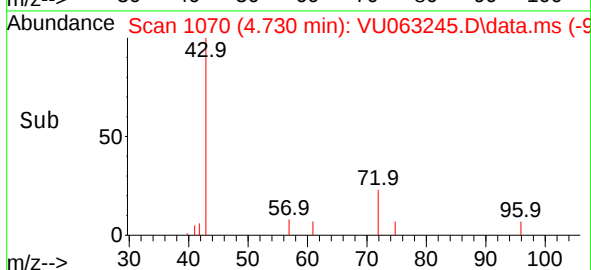
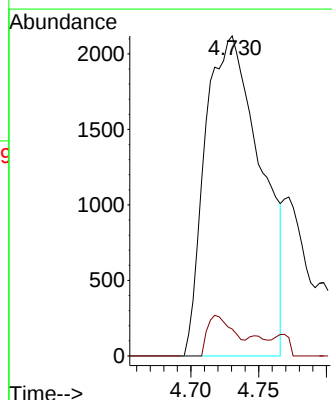
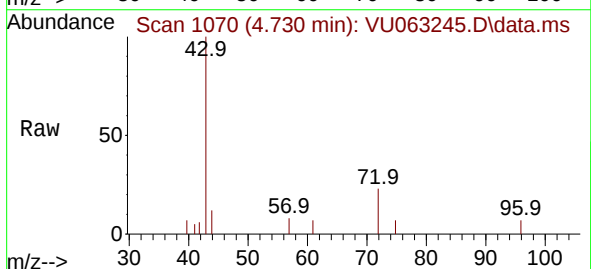
RT: 4.730 min Scan# 1070

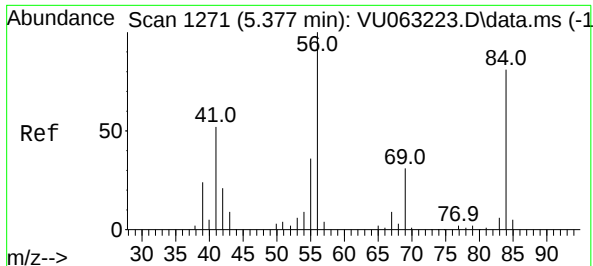
Delta R.T. 0.045 min

Lab File: VU063245.D

Acq: 11 Feb 2025 19:04

Tgt Ion:	43	Resp:	6031
Ion Ratio	Lower	Upper	
43	100		
57	8.4	0.0	17.0





#19

Cyclohexane

Concen: 0.454 ug/l

RT: 5.374 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU063245.D

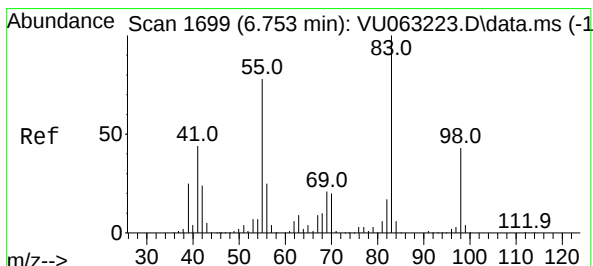
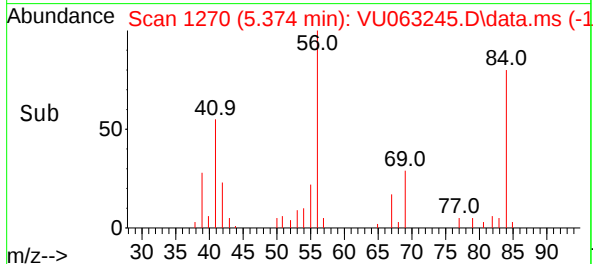
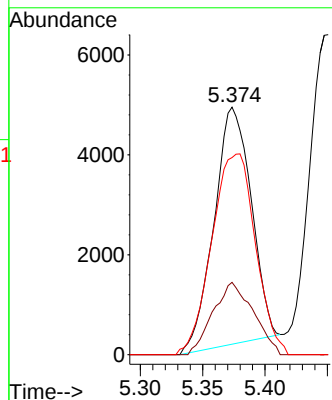
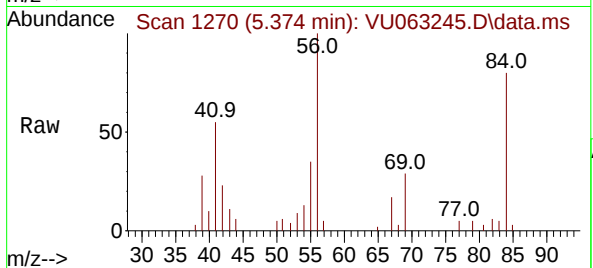
Acq: 11 Feb 2025 19:04

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	56	Resp:	9862
Ion Ratio	Lower	Upper	
56	100		
69	33.1	24.5	36.7
84	99.2	65.2	97.8



#20

Methylcyclohexane

Concen: 0.486 ug/l

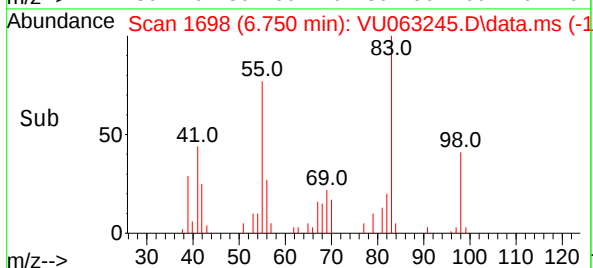
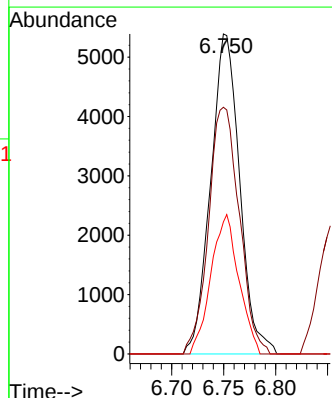
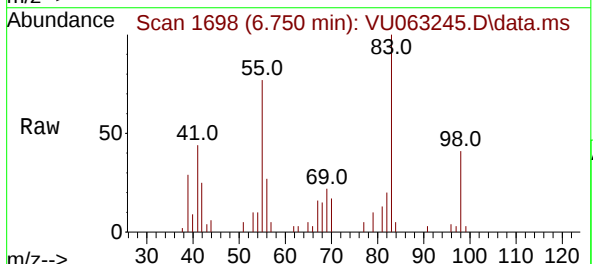
RT: 6.750 min Scan# 1698

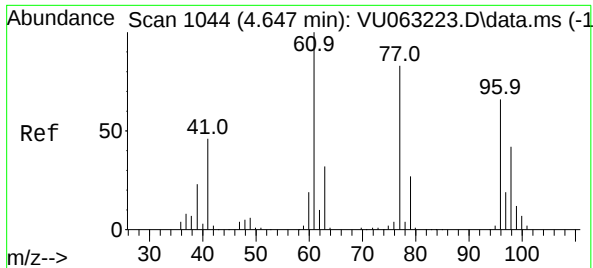
Delta R.T. -0.003 min

Lab File: VU063245.D

Acq: 11 Feb 2025 19:04

Tgt Ion:	83	Resp:	10467
Ion Ratio	Lower	Upper	
83	100		
55	81.6	63.1	94.7
98	41.9	35.2	52.8

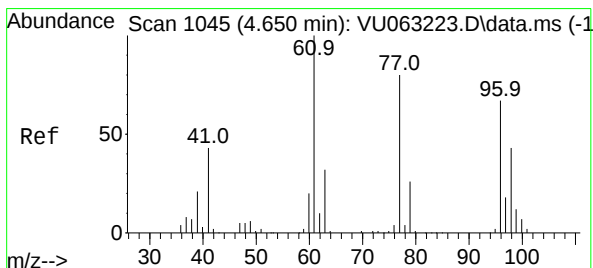
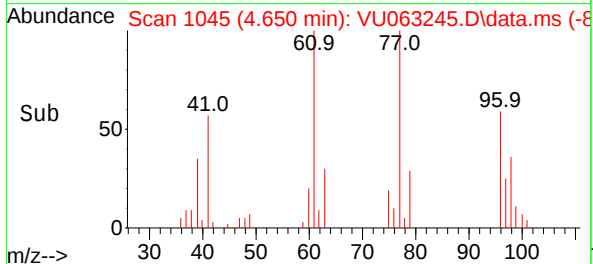
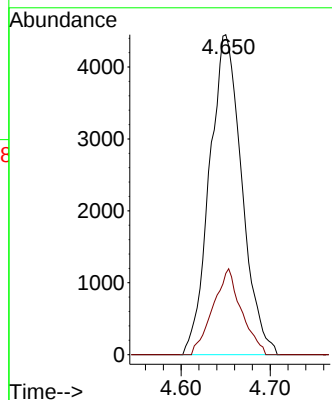
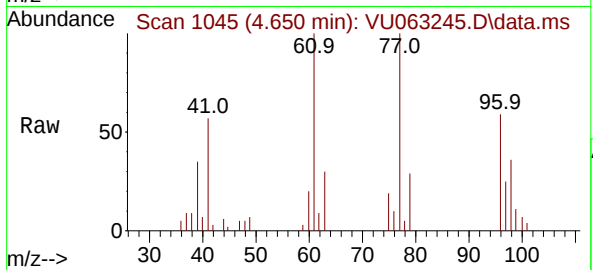




#21
2,2-Dichloropropane
Concen: 0.531 ug/l
RT: 4.650 min Scan# 1045
Delta R.T. 0.003 min
Lab File: VU063245.D
Acq: 11 Feb 2025 19:04

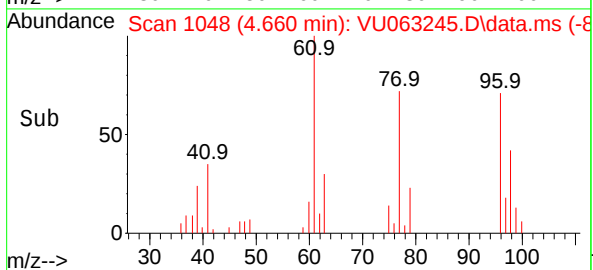
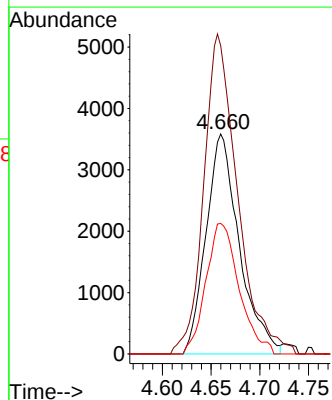
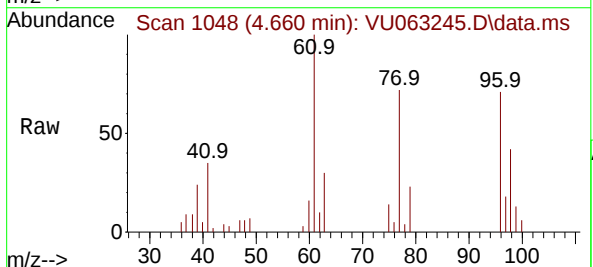
Instrument :
MSVOA_U
ClientSampleId :

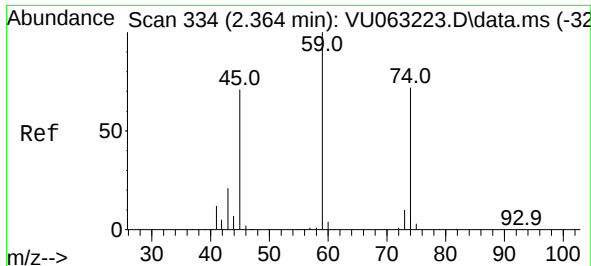
Tgt Ion: 77 Resp: 11200
Ion Ratio Lower Upper
77 100
97 23.7 18.5 27.7



#22
cis-1,2-Dichloroethene
Concen: 0.549 ug/l
RT: 4.660 min Scan# 1048
Delta R.T. 0.010 min
Lab File: VU063245.D
Acq: 11 Feb 2025 19:04

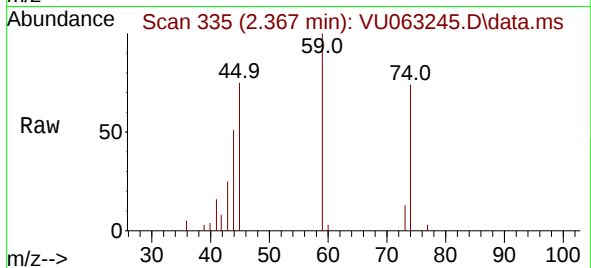
Tgt Ion: 96 Resp: 8504
Ion Ratio Lower Upper
96 100
61 147.5 0.0 373.3
98 59.2 31.9 95.9



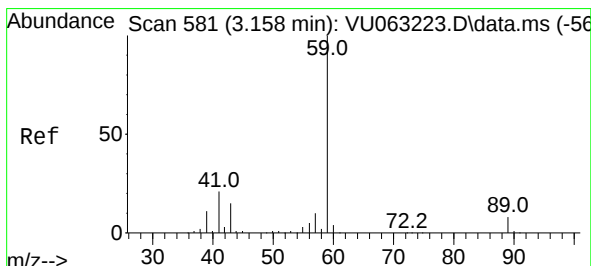
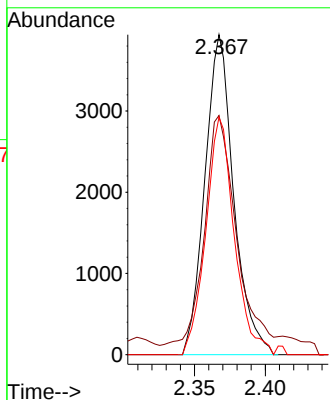
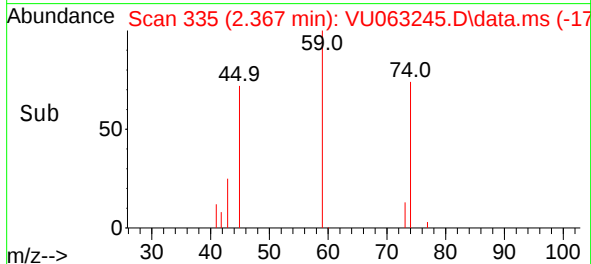


#23
Diethyl Ether
Concen: 0.517 ug/l
RT: 2.367 min Scan# 334
Delta R.T. 0.003 min
Lab File: VU063245.D
Acq: 11 Feb 2025 19:04

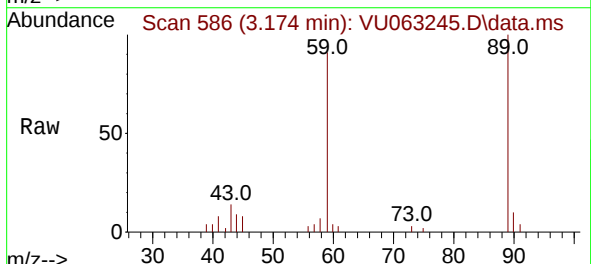
Instrument :
MSVOA_U
ClientSampleId :



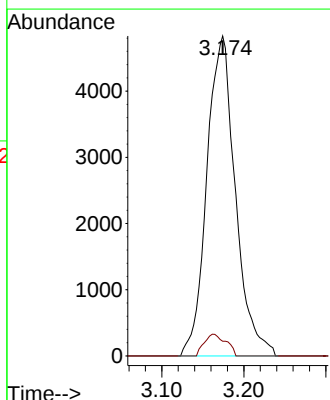
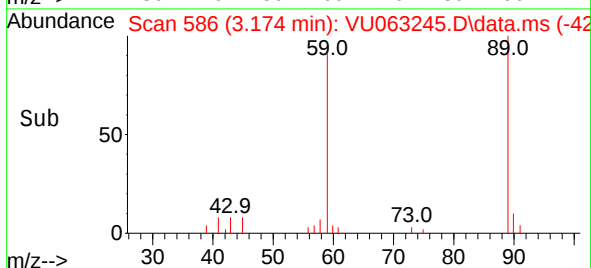
Tgt Ion: 59 Resp: 5574
Ion Ratio Lower Upper
59 100
45 92.7 57.8 86.6#
74 73.2 57.7 86.5

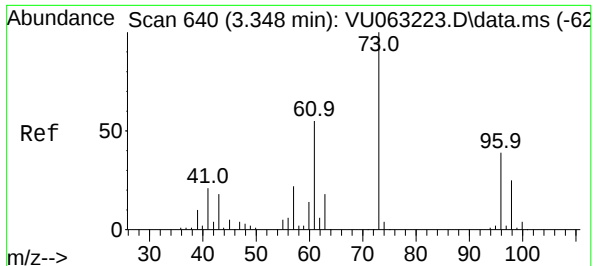


#24
tert-Butyl Alcohol
Concen: 8.932 ug/l
RT: 3.174 min Scan# 586
Delta R.T. 0.016 min
Lab File: VU063245.D
Acq: 11 Feb 2025 19:04



Tgt Ion: 59 Resp: 11712
Ion Ratio Lower Upper
59 100
57 5.2 7.5 11.3#





#25

Methyl tert-Butyl Ether

Concen: 0.528 ug/l

RT: 3.351 min Scan# 641

Delta R.T. 0.003 min

Lab File: VU063245.D

Acq: 11 Feb 2025 19:04

Instrument :

MSVOA_U

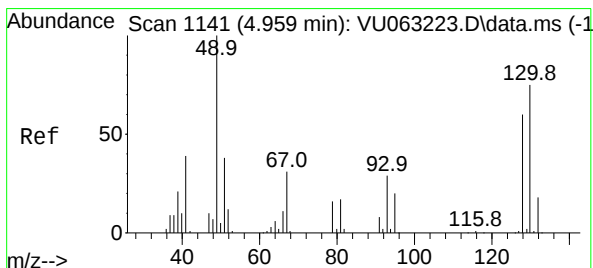
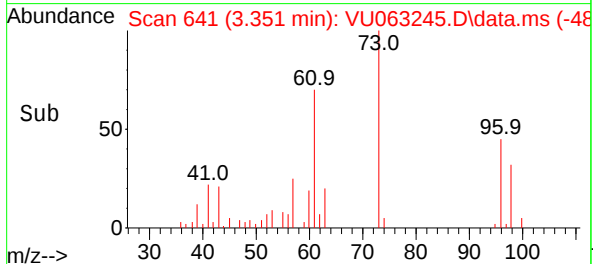
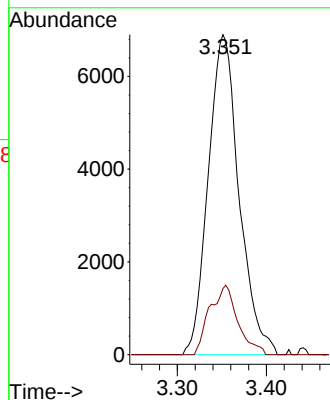
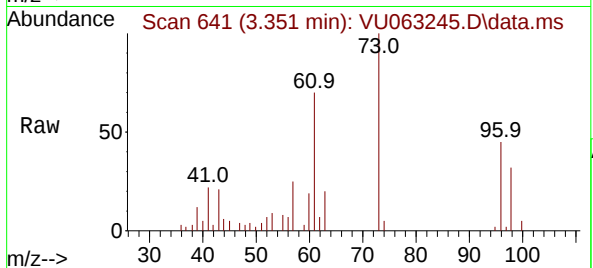
ClientSampleId :

Tgt Ion: 73 Resp: 16568

Ion Ratio Lower Upper

73 100

43 19.8 14.9 22.3



#26

Bromochloromethane

Concen: 0.559 ug/l

RT: 4.972 min Scan# 1145

Delta R.T. 0.013 min

Lab File: VU063245.D

Acq: 11 Feb 2025 19:04

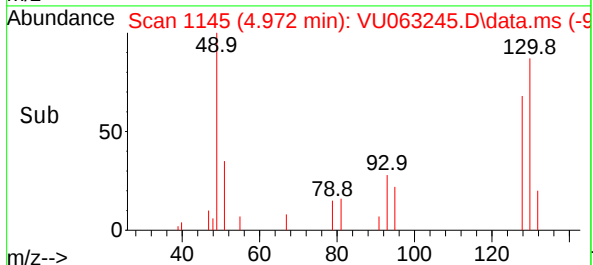
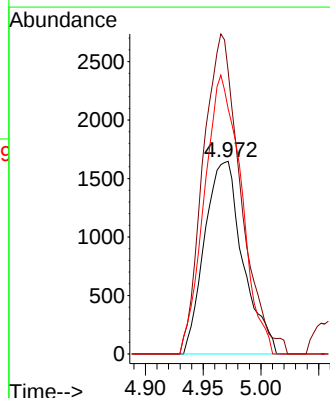
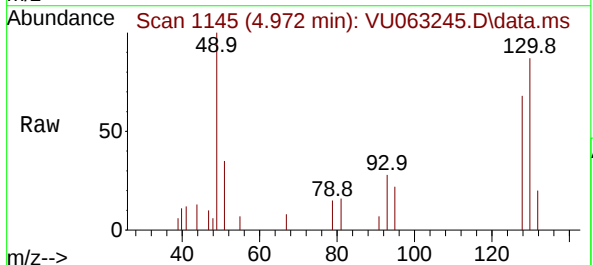
Tgt Ion: 128 Resp: 3788

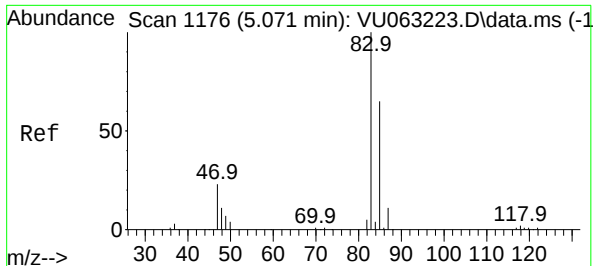
Ion Ratio Lower Upper

128 100

49 163.1 0.0 343.4

130 139.9 102.9 154.3





#27

Chloroform

Concen: 0.574 ug/l

RT: 5.078 min Scan# 1176

Delta R.T. 0.006 min

Lab File: VU063245.D

Acq: 11 Feb 2025 19:04

Instrument :

MSVOA_U

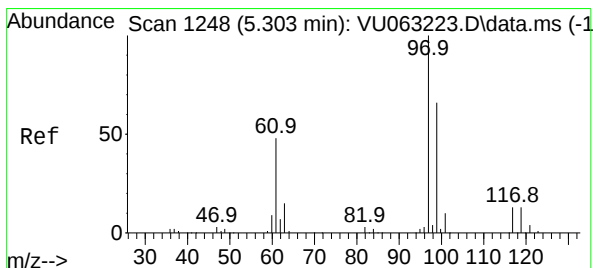
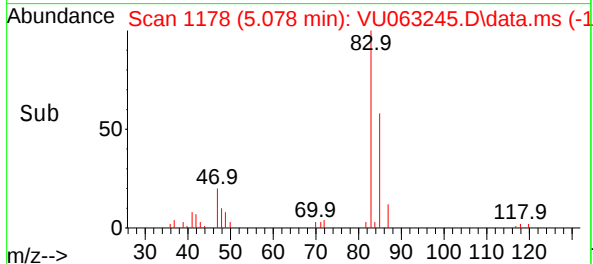
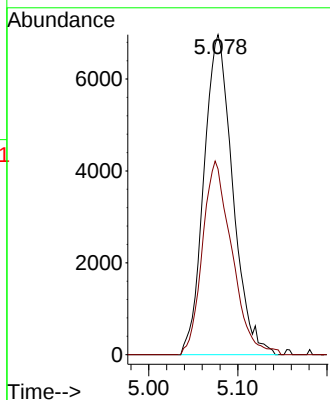
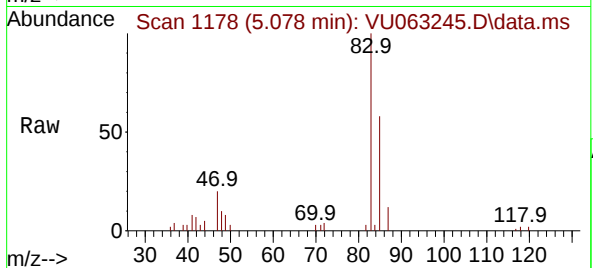
ClientSampleId :

Tgt Ion: 83 Resp: 15658

Ion Ratio Lower Upper

83 100

85 58.0 0.0 129.8



#28

1,1,1-Trichloroethane

Concen: 0.541 ug/l

RT: 5.306 min Scan# 1249

Delta R.T. 0.003 min

Lab File: VU063245.D

Acq: 11 Feb 2025 19:04

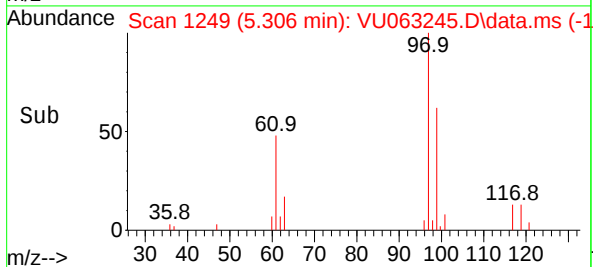
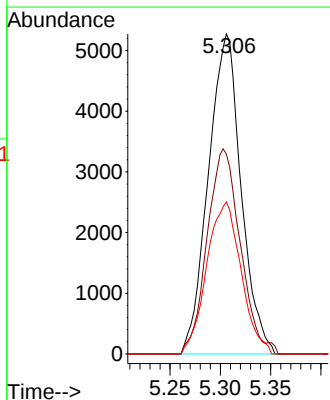
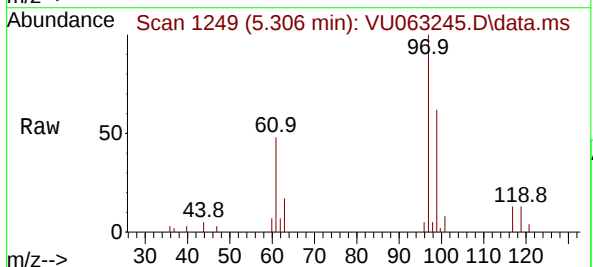
Tgt Ion: 97 Resp: 11945

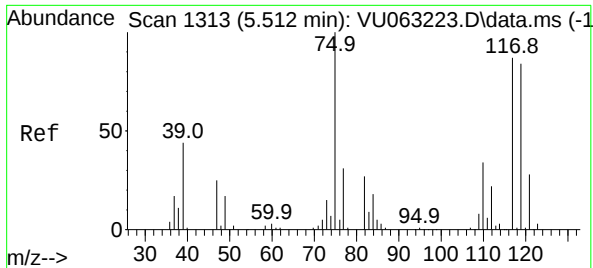
Ion Ratio Lower Upper

97 100

99 64.9 32.4 97.0

61 49.8 23.8 71.2

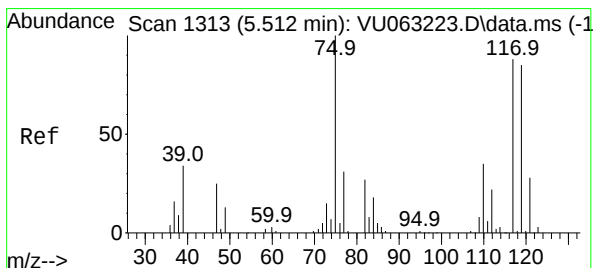
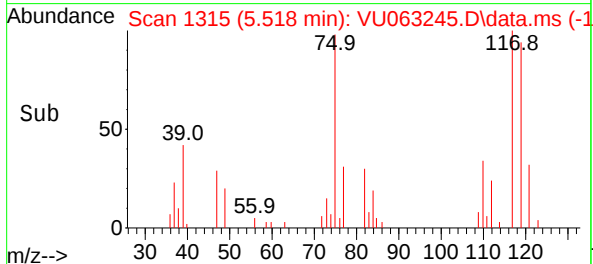
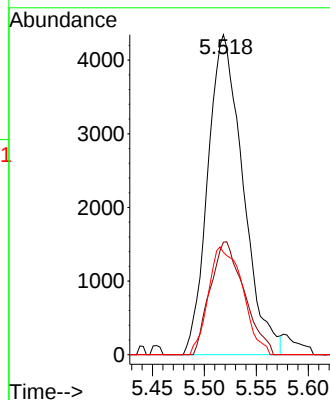
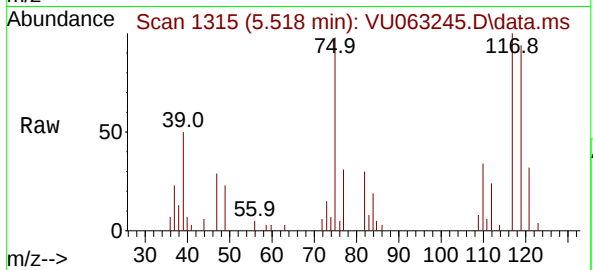




#29
1,1-Dichloropropene
Concen: 0.515 ug/l
RT: 5.518 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VU063245.D
Acq: 11 Feb 2025 19:04

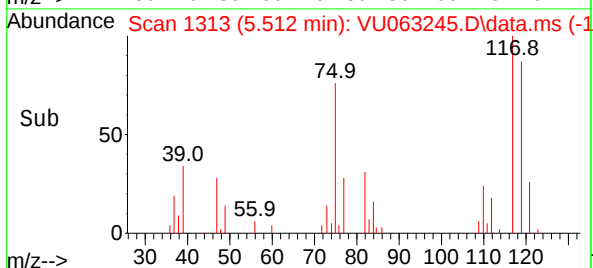
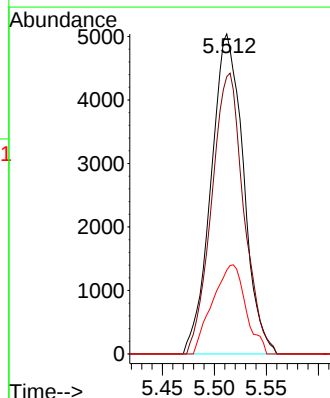
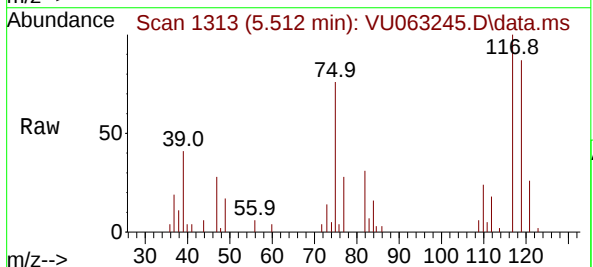
Instrument :
MSVOA_U
ClientSampleId :

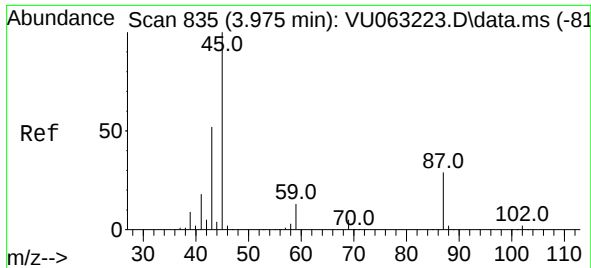
Tgt Ion: 75 Resp: 10194
Ion Ratio Lower Upper
75 100
110 34.1 17.2 51.5
77 32.8 24.6 37.0



#30
Carbon Tetrachloride
Concen: 0.576 ug/l
RT: 5.512 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VU063245.D
Acq: 11 Feb 2025 19:04

Tgt Ion: 117 Resp: 10904
Ion Ratio Lower Upper
117 100
119 86.7 76.7 115.1
121 26.2 25.5 38.3

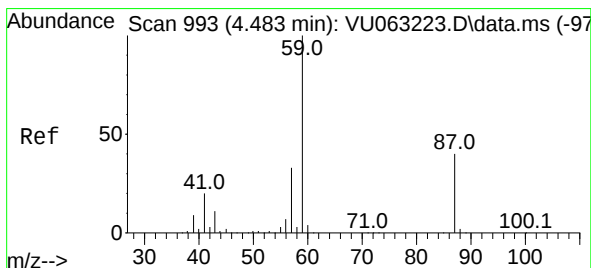
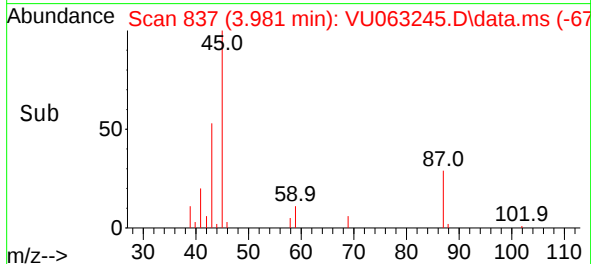
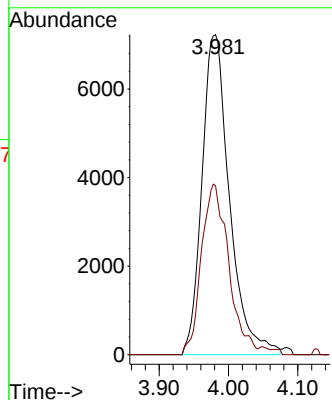
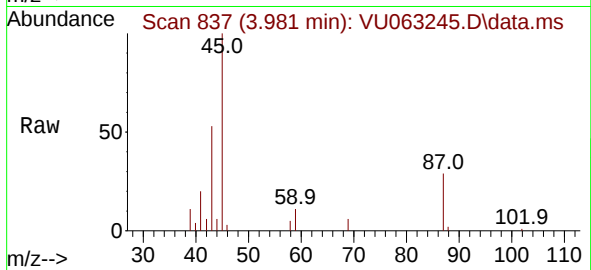




#31
Isopropyl Ether
Concen: 0.517 ug/l
RT: 3.981 min Scan# 837
Delta R.T. 0.006 min
Lab File: VU063245.D
Acq: 11 Feb 2025 19:04

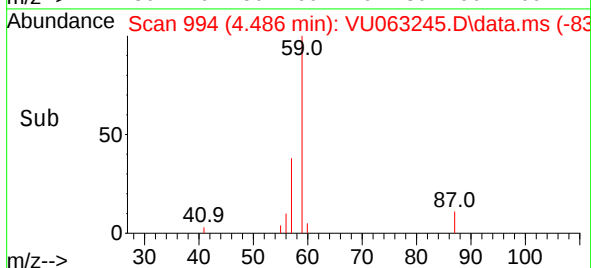
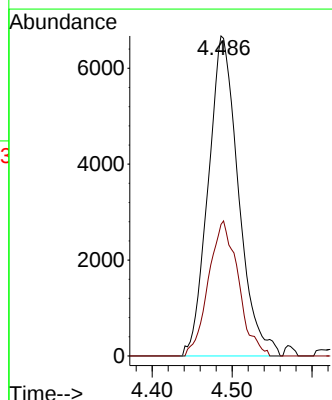
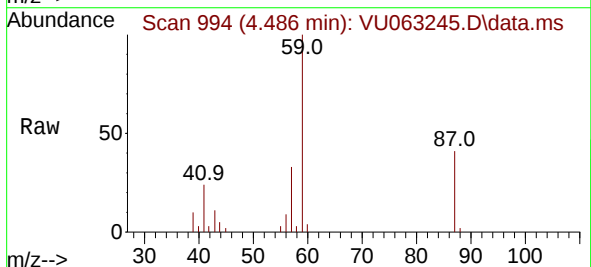
Instrument :
MSVOA_U
ClientSampleId :

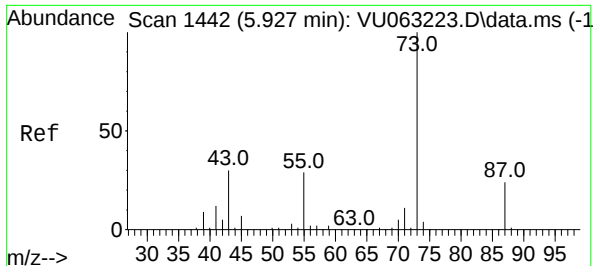
Tgt Ion: 45 Resp: 19939
Ion Ratio Lower Upper
45 100
43 52.7 25.7 77.1



#32
Ethyl-t-butyl ether
Concen: 0.499 ug/l
RT: 4.486 min Scan# 994
Delta R.T. 0.003 min
Lab File: VU063245.D
Acq: 11 Feb 2025 19:04

Tgt Ion: 59 Resp: 17524
Ion Ratio Lower Upper
59 100
87 41.6 32.6 49.0

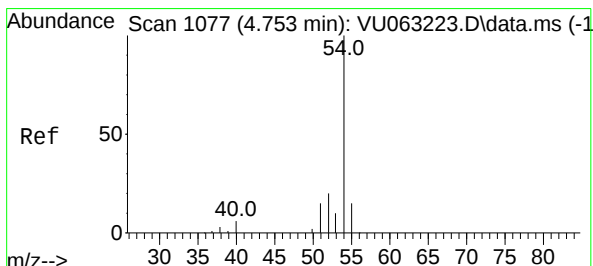
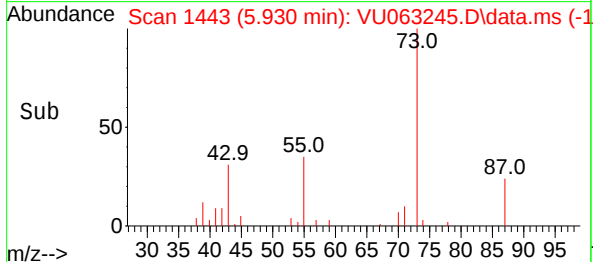
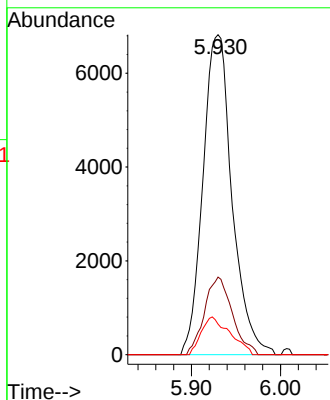
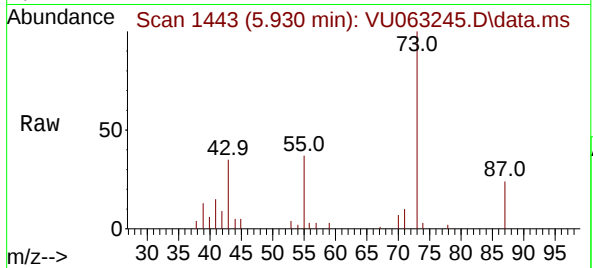




#33
Tert-Amyl methyl ether
Concen: 0.506 ug/l
RT: 5.930 min Scan# 1442
Delta R.T. 0.003 min
Lab File: VU063245.D
Acq: 11 Feb 2025 19:04

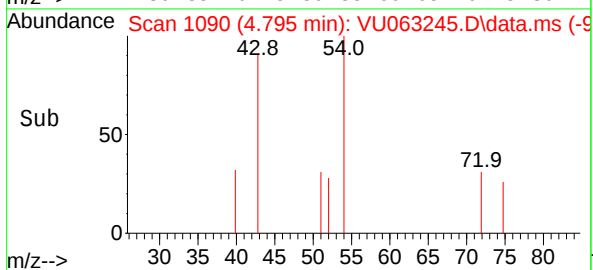
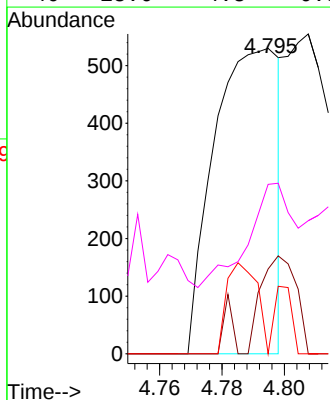
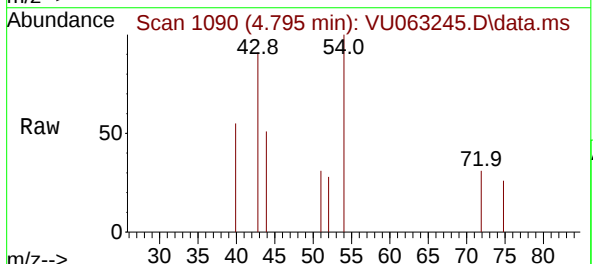
Instrument :
MSVOA_U
ClientSampleId :

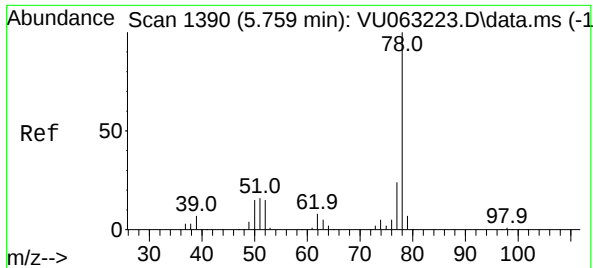
Tgt Ion: 73	Resp:	15508
Ion	Ratio	Lower Upper
73	100	
87	23.1	18.9 28.3
71	11.6	9.0 13.4



#34
Propionitrile
Concen: 0.713 ug/l
RT: 4.795 min Scan# 1090
Delta R.T. 0.042 min
Lab File: VU063245.D
Acq: 11 Feb 2025 19:04

Tgt Ion: 54	Resp:	763
Ion	Ratio	Lower Upper
54	100	
52	17.4	16.3 24.5
55	5.9	11.8 17.6#
40	23.6	4.3 6.5#

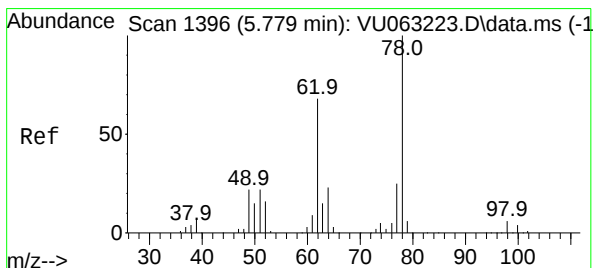
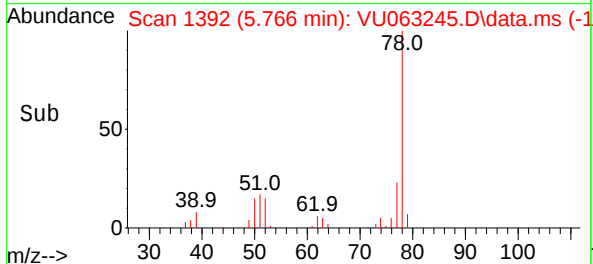
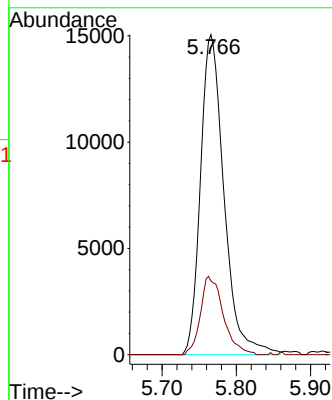
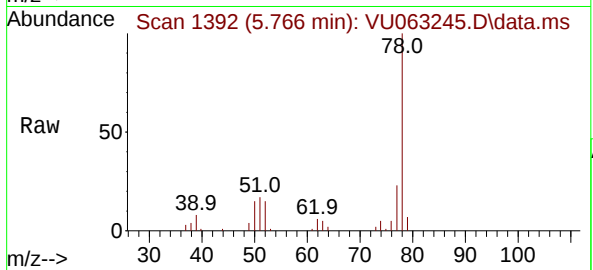




#35
Benzene
Concen: 0.545 ug/l
RT: 5.766 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VU063245.D
Acq: 11 Feb 2025 19:04

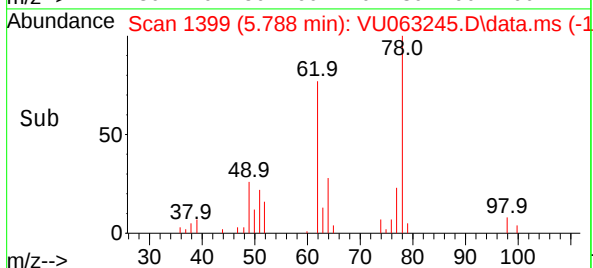
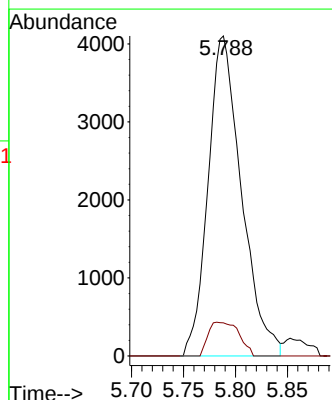
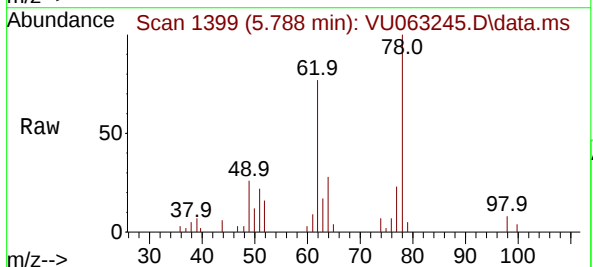
Instrument :
MSVOA_U
ClientSampleId :

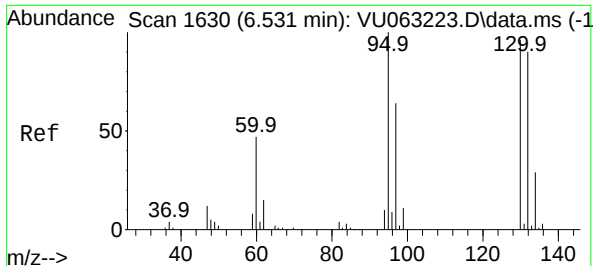
Tgt Ion: 78 Resp: 33147
Ion Ratio Lower Upper
78 100
77 23.1 19.0 28.4



#36
1,2-Dichloroethane
Concen: 0.522 ug/l
RT: 5.788 min Scan# 1399
Delta R.T. 0.010 min
Lab File: VU063245.D
Acq: 11 Feb 2025 19:04

Tgt Ion: 62 Resp: 9160
Ion Ratio Lower Upper
62 100
98 9.7 6.9 10.3

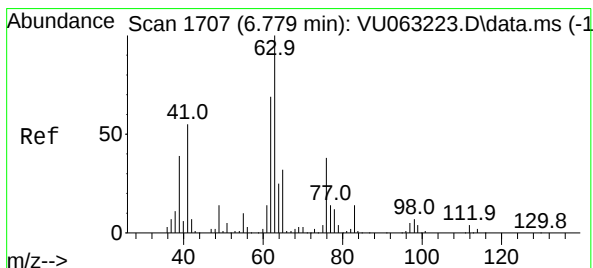
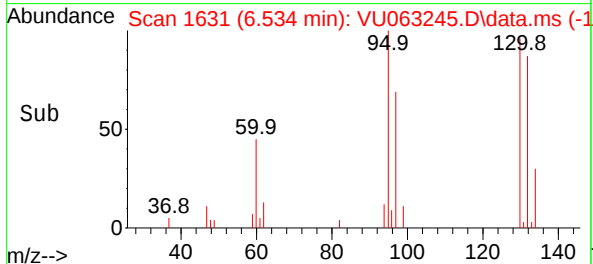
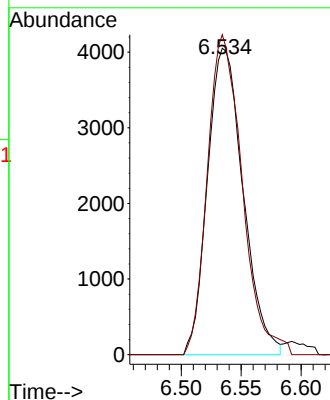
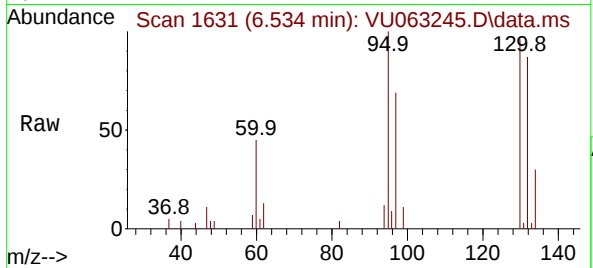




#37
 Trichloroethene
 Concen: 0.578 ug/l
 RT: 6.534 min Scan# 1
 Delta R.T. 0.003 min
 Lab File: VU063245.D
 Acq: 11 Feb 2025 19:04

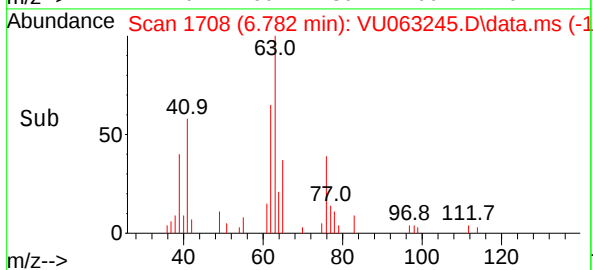
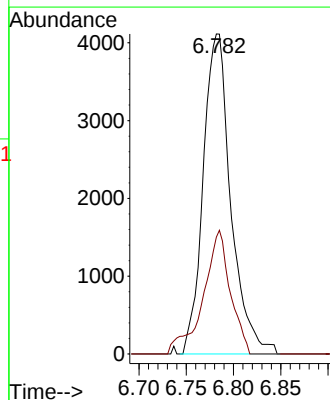
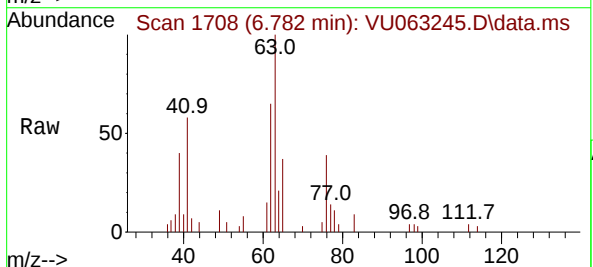
Instrument :
 MSVOA_U
 ClientSampleId :

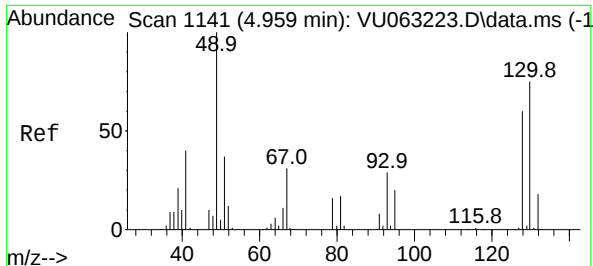
Tgt Ion:130 Resp: 8367
 Ion Ratio Lower Upper
 130 100
 95 104.4 83.2 124.8



#38
 1,2-Dichloropropane
 Concen: 0.526 ug/l
 RT: 6.782 min Scan# 1708
 Delta R.T. 0.003 min
 Lab File: VU063245.D
 Acq: 11 Feb 2025 19:04

Tgt Ion: 63 Resp: 8371
 Ion Ratio Lower Upper
 63 100
 65 36.5 25.3 37.9





#39

Methacrylonitrile

Concen: 0.239 ug/l

RT: 4.984 min Scan# 1149

Delta R.T. 0.026 min

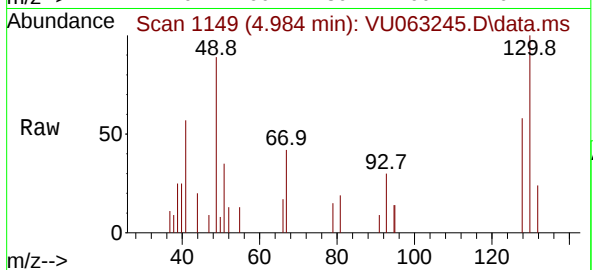
Lab File: VU063245.D

Acq: 11 Feb 2025 19:04

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 41 Resp: 952

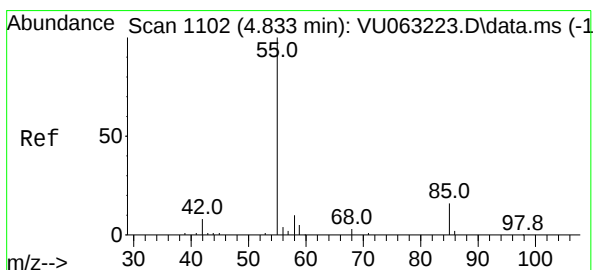
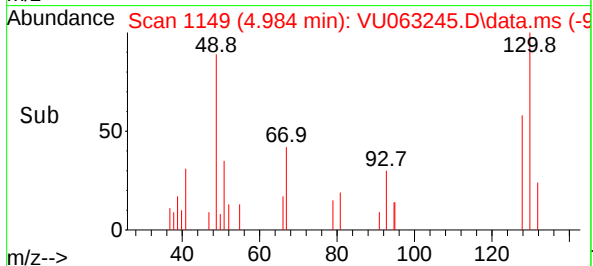
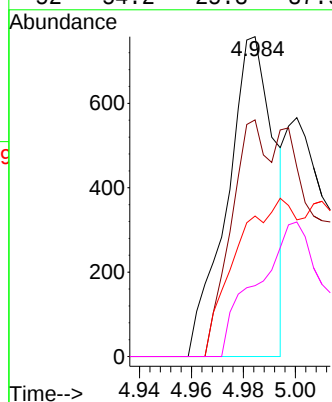
Ion Ratio Lower Upper

41 100

67 62.2 64.5 96.7#

39 62.7 43.0 64.6

52 54.2 25.3 37.9#



#40

Methyl acrylate

Concen: 0.006 ug/l

RT: 4.798 min Scan# 1091

Delta R.T. -0.035 min

Lab File: VU063245.D

Acq: 11 Feb 2025 19:04

Tgt Ion: 55 Resp: 45

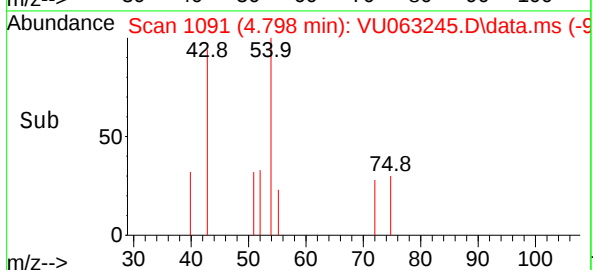
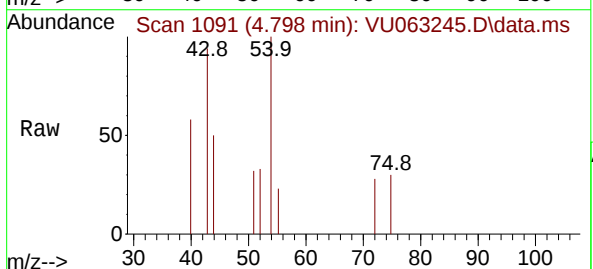
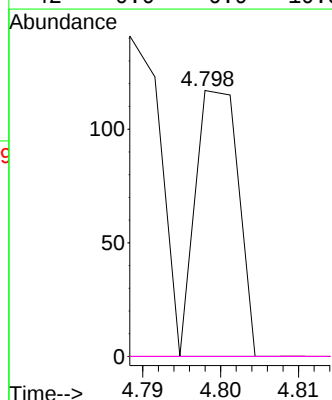
Ion Ratio Lower Upper

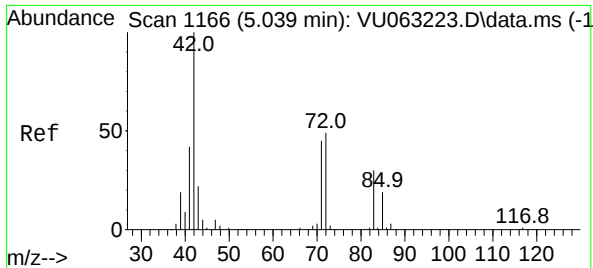
55 100

85 0.0 13.3 19.9#

58 0.0 7.3 10.9#

42 0.0 6.9 10.3#





#41

Tetrahydrofuran

Concen: 1.123 ug/l

RT: 5.058 min Scan# 1166

Delta R.T. 0.019 min

Lab File: VU063245.D

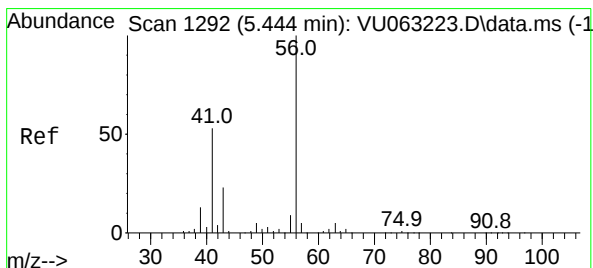
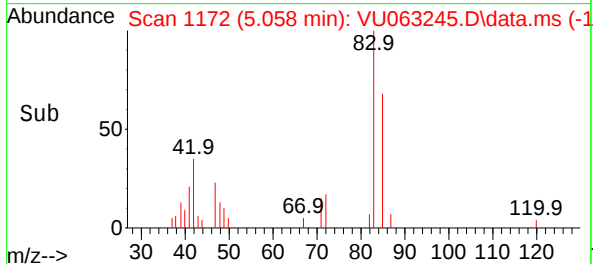
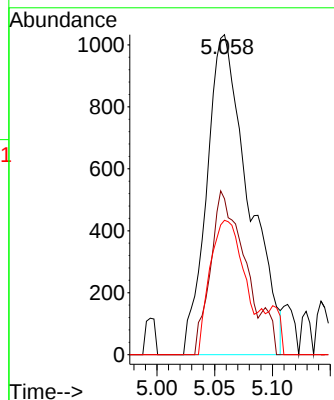
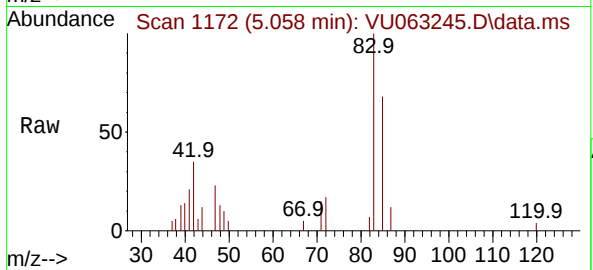
Acq: 11 Feb 2025 19:04

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	42	Resp:	2603
Ion	Ratio	Lower	Upper
42	100		
72	39.5	41.5	62.3#
71	34.5	37.2	55.8#



#42

1-Chlorobutane

Concen: 0.520 ug/l

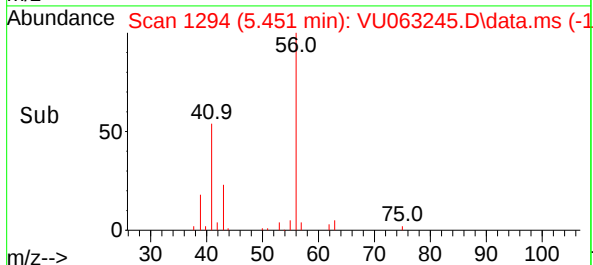
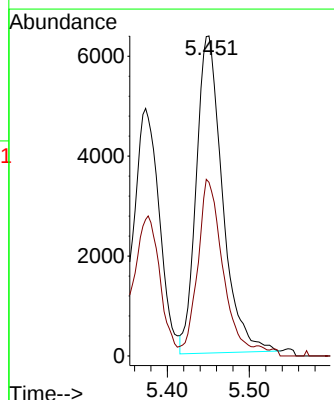
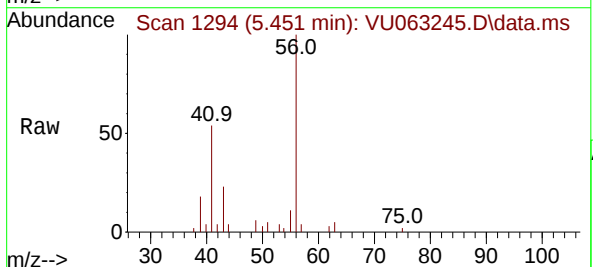
RT: 5.451 min Scan# 1294

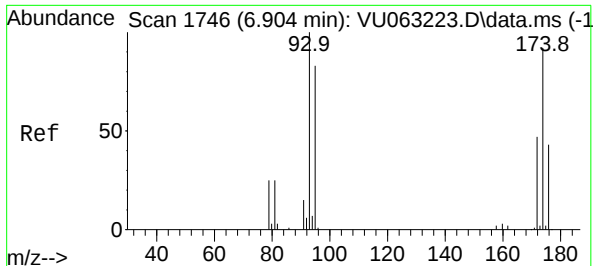
Delta R.T. 0.006 min

Lab File: VU063245.D

Acq: 11 Feb 2025 19:04

Tgt Ion:	56	Resp:	14071
Ion	Ratio	Lower	Upper
56	100		
41	48.0	26.3	78.8





#43

Dibromomethane

Concen: 0.531 ug/l

RT: 6.914 min Scan# 1

Delta R.T. 0.010 min

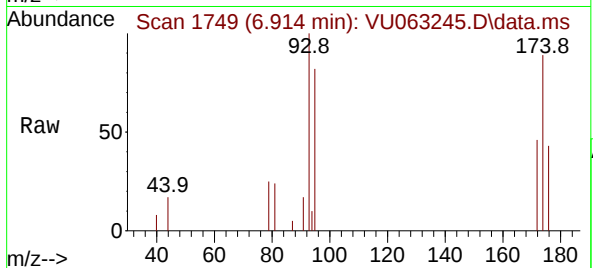
Lab File: VU063245.D

Acq: 11 Feb 2025 19:04

Instrument :

MSVOA_U

ClientSampleId :



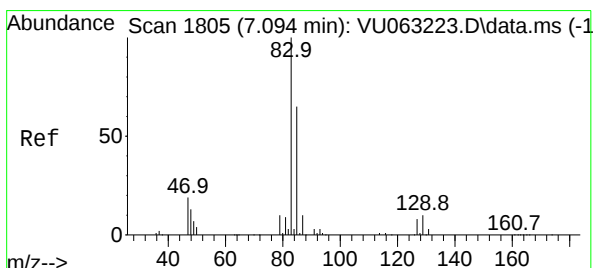
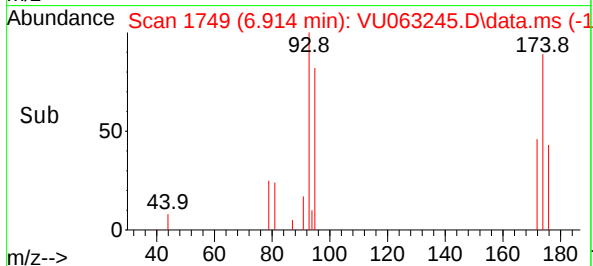
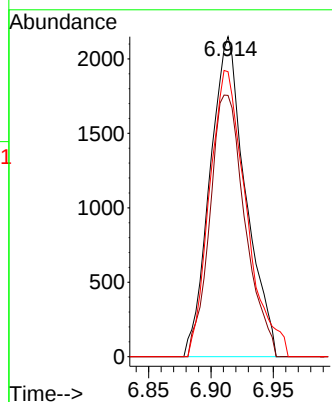
Tgt Ion: 93 Resp: 4280

Ion Ratio Lower Upper

93 100

95 80.4 67.2 100.8

174 91.9 75.7 113.5



#44

Bromodichloromethane

Concen: 0.578 ug/l

RT: 7.097 min Scan# 1806

Delta R.T. 0.003 min

Lab File: VU063245.D

Acq: 11 Feb 2025 19:04

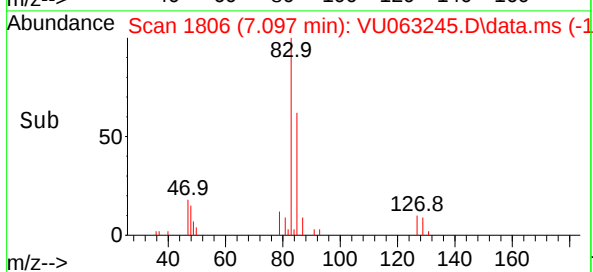
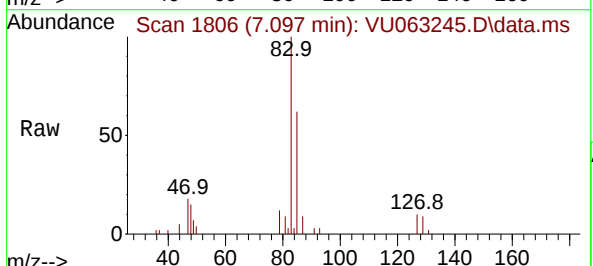
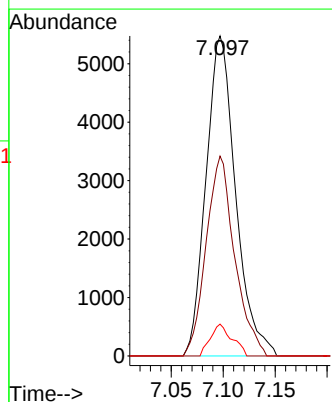
Tgt Ion: 83 Resp: 10849

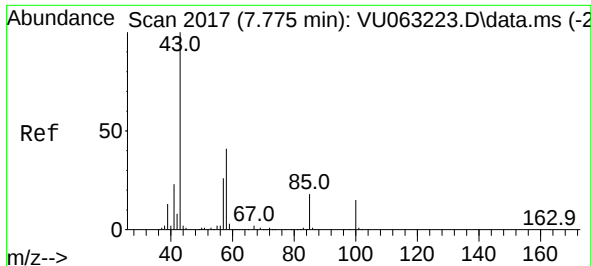
Ion Ratio Lower Upper

83 100

85 62.4 51.7 77.5

127 10.0 6.7 10.1





#45

4-Methyl-2-Pentanone

Concen: 2.401 ug/l

RT: 7.782 min Scan# 2017

Delta R.T. 0.006 min

Lab File: VU063245.D

Acq: 11 Feb 2025 19:04

Instrument :

MSVOA_U

ClientSampleId :

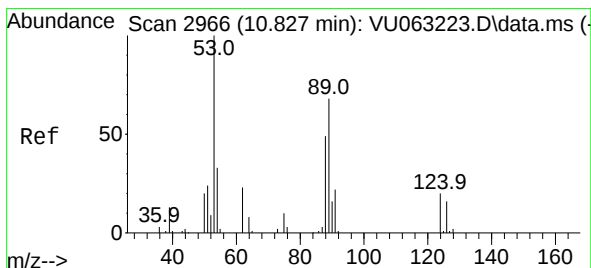
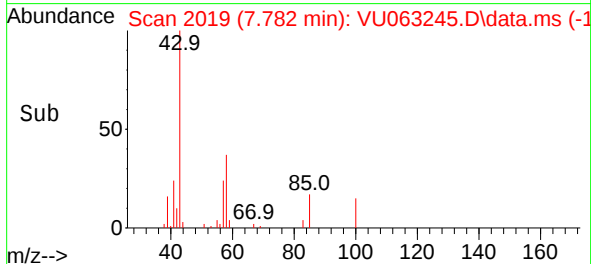
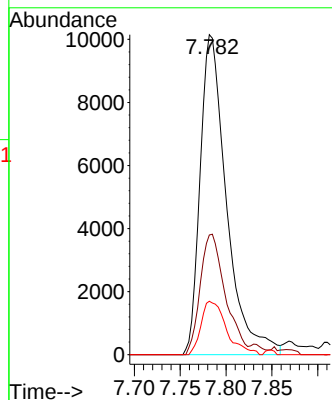
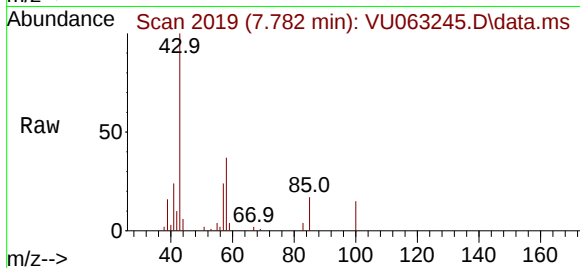
Tgt Ion: 43 Resp: 20299

Ion Ratio Lower Upper

43 100

58 35.9 20.8 62.5

85 16.0 14.8 22.2



#46

t-1,4-Dichloro-2-butene

Concen: 1.164 ug/l

RT: 10.814 min Scan# 2962

Delta R.T. -0.013 min

Lab File: VU063245.D

Acq: 11 Feb 2025 19:04

Tgt Ion: 75 Resp: 4624

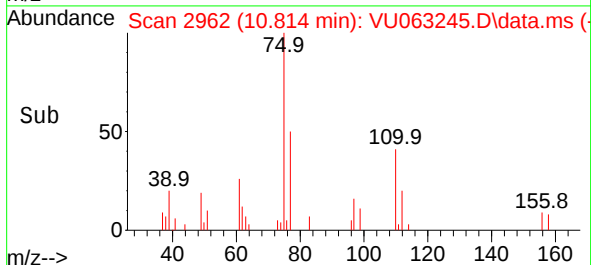
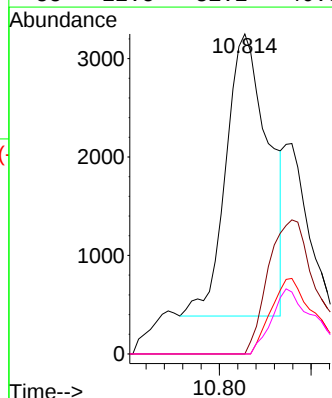
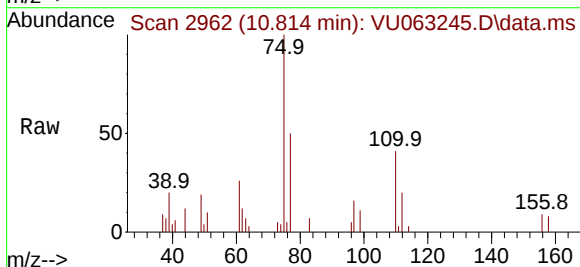
Ion Ratio Lower Upper

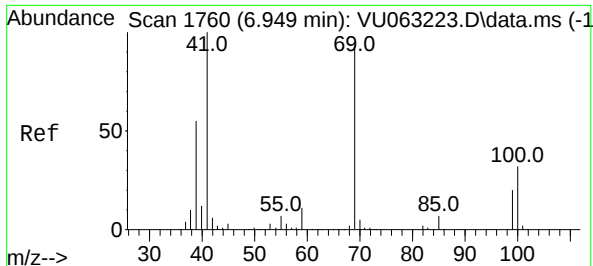
75 100

53 55.1 64.5 96.7#

89 26.7 43.4 65.2#

88 22.5 31.2 46.8#





#47

Methyl methacrylate

Concen: 0.833 ug/l

RT: 6.962 min Scan# 1

Delta R.T. 0.013 min

Lab File: VU063245.D

Acq: 11 Feb 2025 19:04

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 69 Resp: 5655

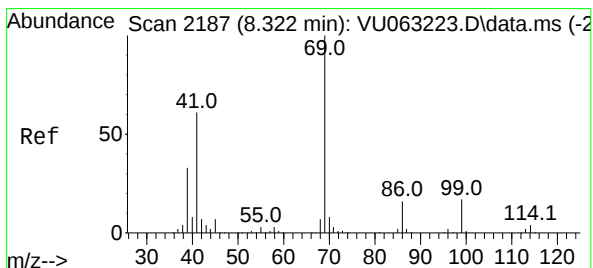
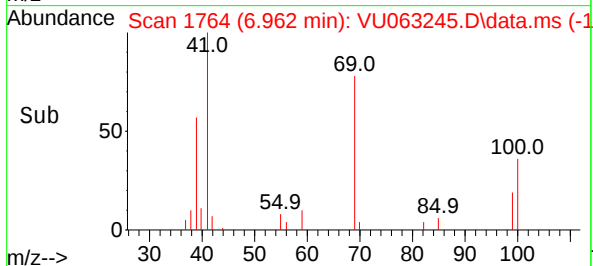
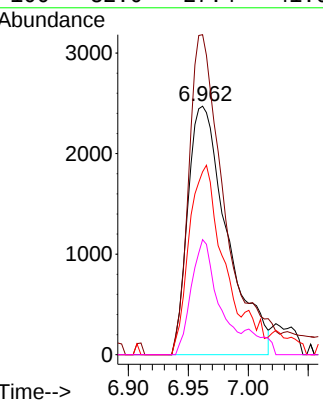
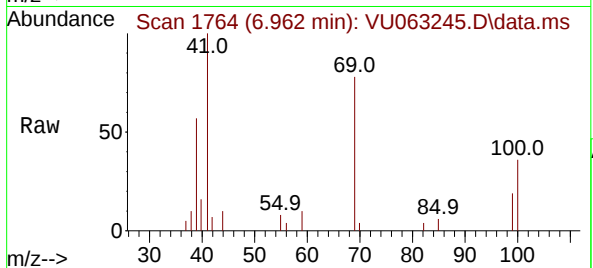
Ion Ratio Lower Upper

69 100

41 117.6 0.0 217.0

39 63.4 47.7 71.5

100 32.0 27.4 41.0



#48

Ethyl methacrylate

Concen: 0.443 ug/l

RT: 8.335 min Scan# 2191

Delta R.T. 0.013 min

Lab File: VU063245.D

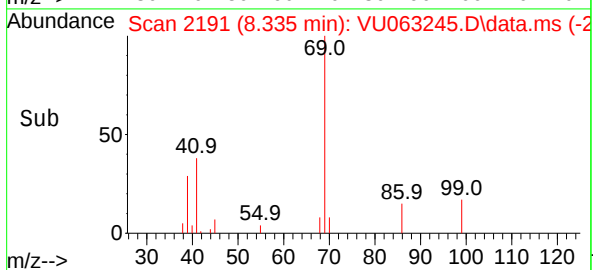
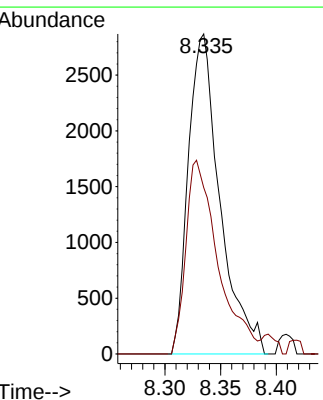
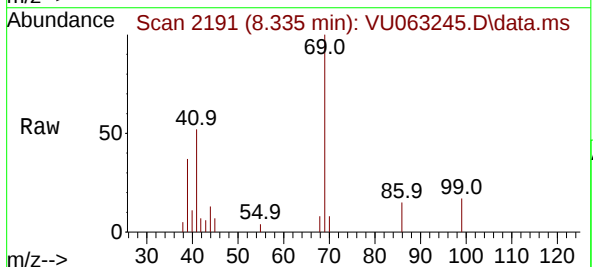
Acq: 11 Feb 2025 19:04

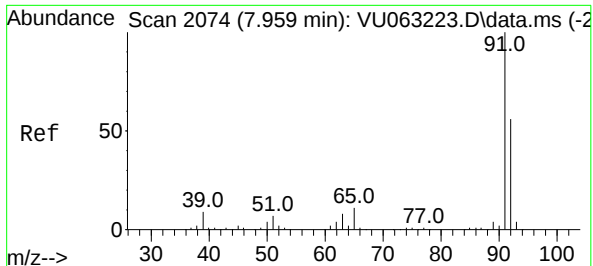
Tgt Ion: 69 Resp: 5654

Ion Ratio Lower Upper

69 100

41 61.5 30.6 92.0





#49

Toluene

Concen: 0.488 ug/l

RT: 7.962 min Scan# 2074

Delta R.T. 0.003 min

Lab File: VU063245.D

Acq: 11 Feb 2025 19:04

Instrument :

MSVOA_U

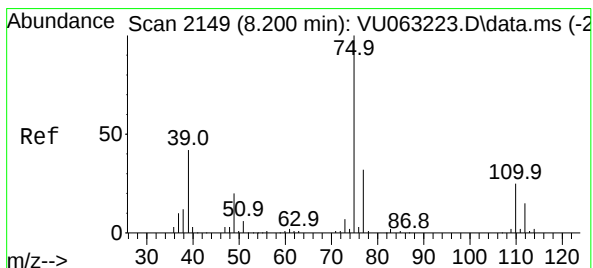
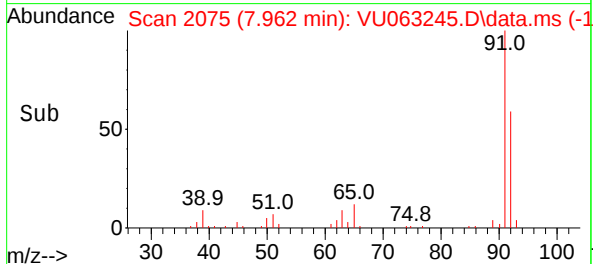
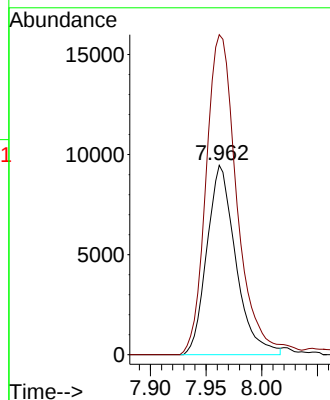
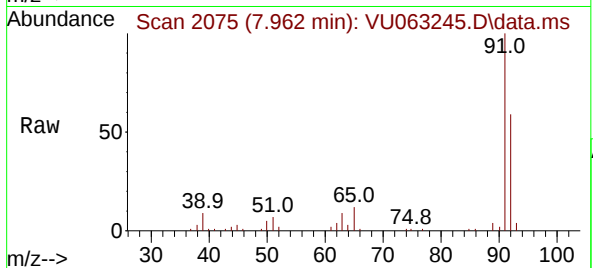
ClientSampleId :

Tgt Ion: 92 Resp: 17076

Ion Ratio Lower Upper

92 100

91 181.2 141.8 212.6



#50

t-1,3-Dichloropropene

Concen: 0.495 ug/l

RT: 8.206 min Scan# 2151

Delta R.T. 0.006 min

Lab File: VU063245.D

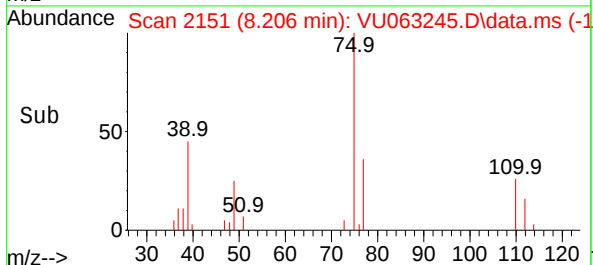
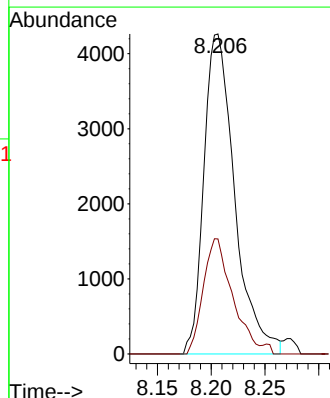
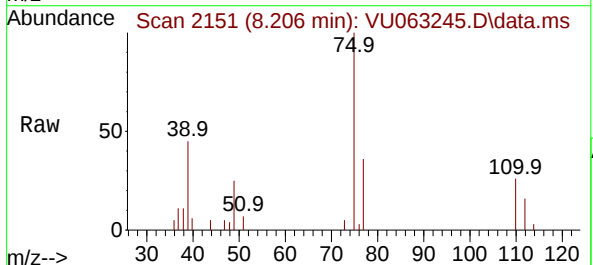
Acq: 11 Feb 2025 19:04

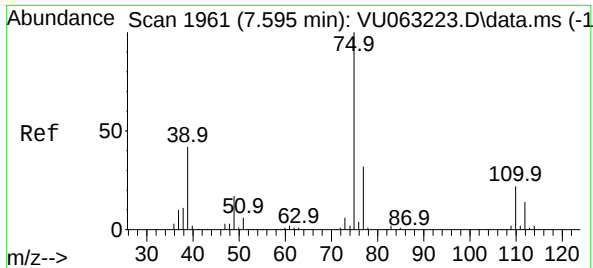
Tgt Ion: 75 Resp: 8498

Ion Ratio Lower Upper

75 100

77 35.9 25.9 38.9

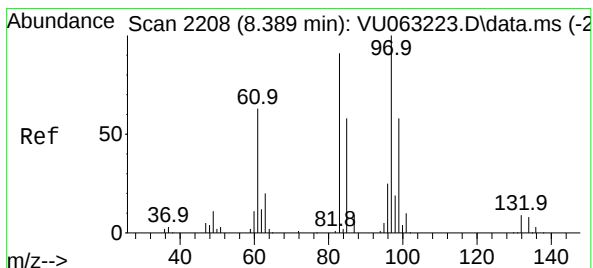
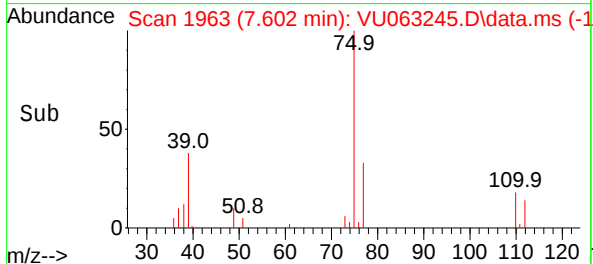
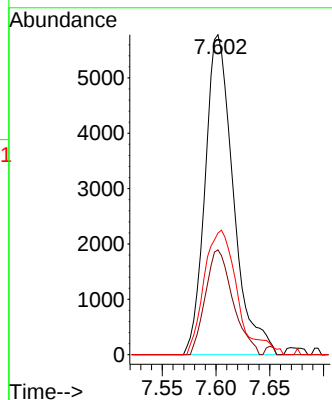
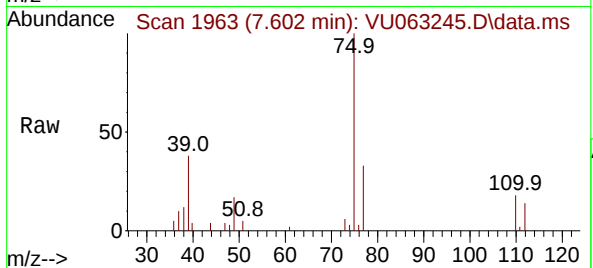




#51
 cis-1,3-Dichloropropene
 Concen: 0.497 ug/l
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.006 min
 Lab File: VU063245.D
 Acq: 11 Feb 2025 19:04

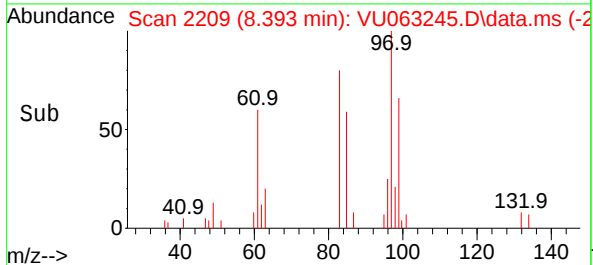
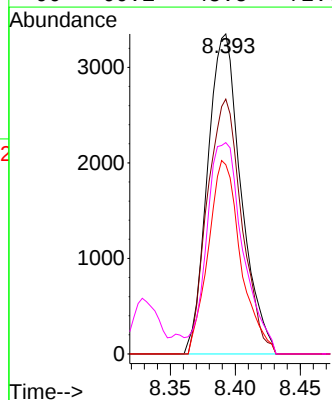
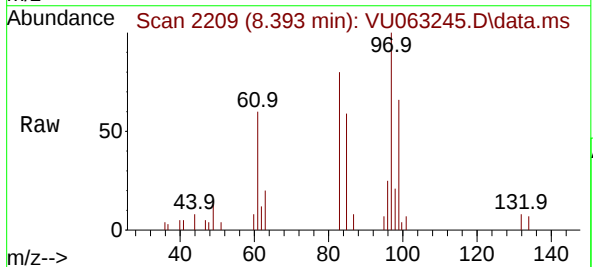
Instrument :
 MSVOA_U
 ClientSampleId :

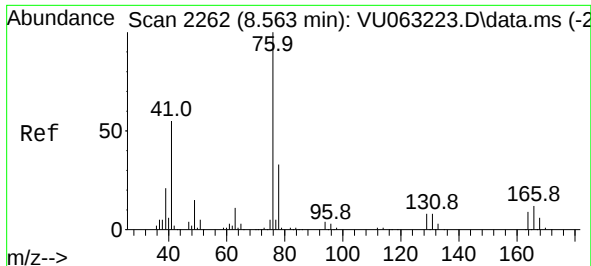
Tgt Ion: 75 Resp: 10557
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.3 37.9
 39 38.0 33.5 50.3



#52
 1,1,2-Trichloroethane
 Concen: 0.552 ug/l
 RT: 8.393 min Scan# 2209
 Delta R.T. 0.003 min
 Lab File: VU063245.D
 Acq: 11 Feb 2025 19:04

Tgt Ion: 97 Resp: 6004
 Ion Ratio Lower Upper
 97 100
 83 79.7 73.0 109.4
 85 59.1 46.3 69.5
 99 66.1 48.5 72.7





#53

1,3-Dichloropropane

Concen: 0.537 ug/l

RT: 8.570 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU063245.D

Acq: 11 Feb 2025 19:04

Instrument :

MSVOA_U

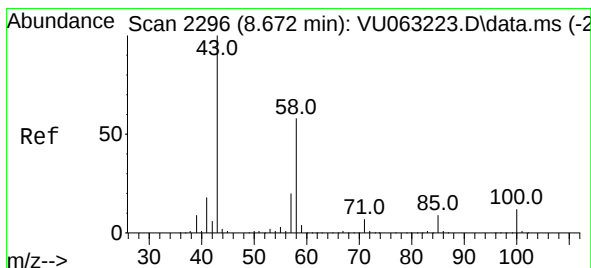
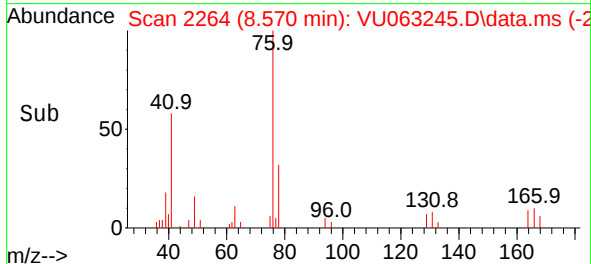
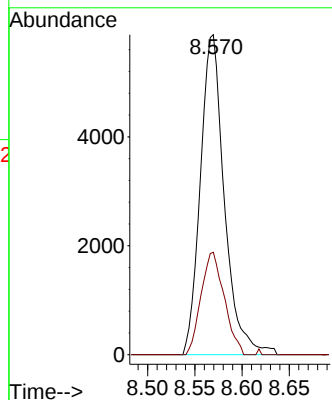
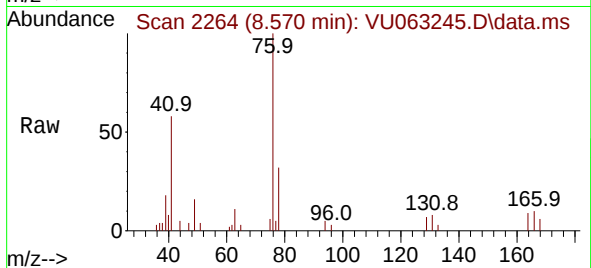
ClientSampleId :

Tgt Ion: 76 Resp: 10372

Ion Ratio Lower Upper

76 100

78 30.9 26.3 39.5



#54

2-Hexanone

Concen: 1.994 ug/l

RT: 8.685 min Scan# 2300

Delta R.T. 0.013 min

Lab File: VU063245.D

Acq: 11 Feb 2025 19:04

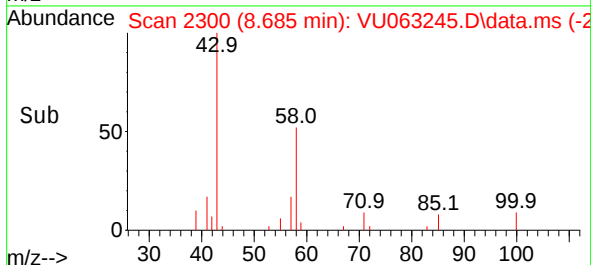
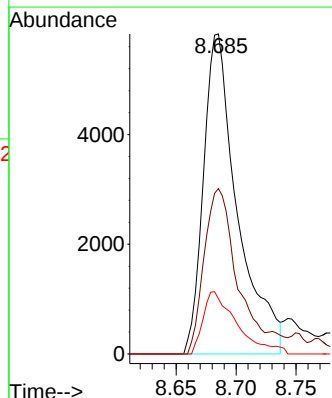
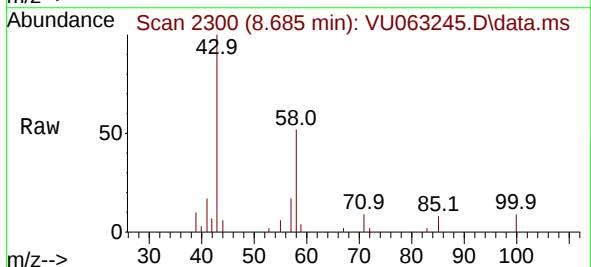
Tgt Ion: 43 Resp: 11501

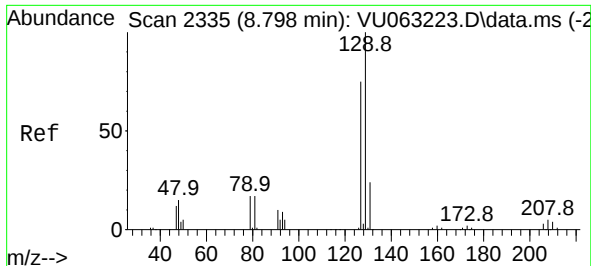
Ion Ratio Lower Upper

43 100

58 52.9 38.0 78.0

57 19.4 0.0 39.1





#55

Dibromochloromethane

Concen: 0.546 ug/l

RT: 8.798 min Scan# 2335

Delta R.T. -0.000 min

Lab File: VU063245.D

Acq: 11 Feb 2025 19:04

Instrument :

MSVOA_U

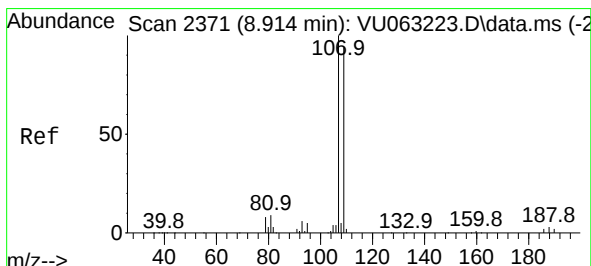
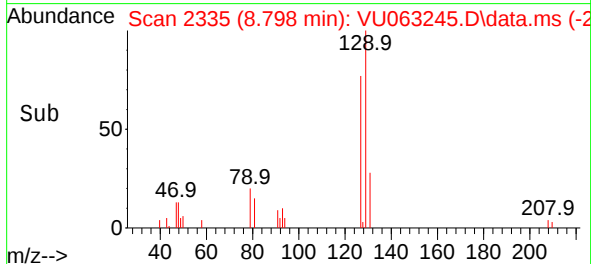
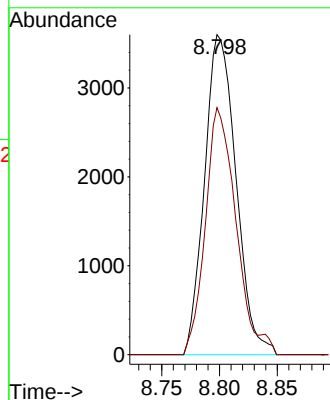
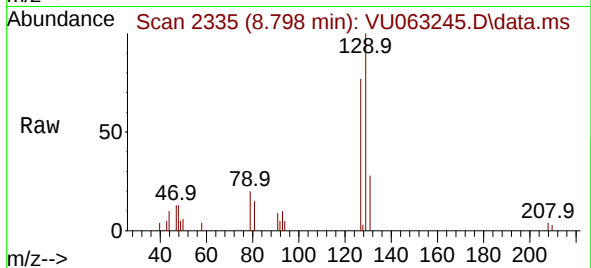
ClientSampleId :

Tgt Ion:129 Resp: 6832

Ion Ratio Lower Upper

129 100

127 75.2 60.4 90.6



#56

1,2-Dibromoethane

Concen: 0.520 ug/l

RT: 8.920 min Scan# 2373

Delta R.T. 0.006 min

Lab File: VU063245.D

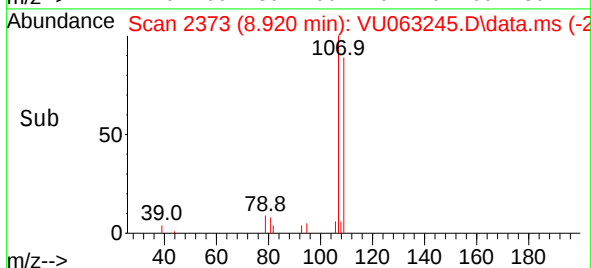
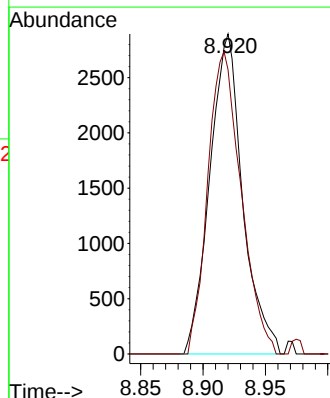
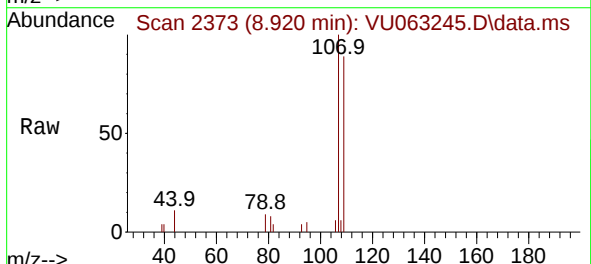
Acq: 11 Feb 2025 19:04

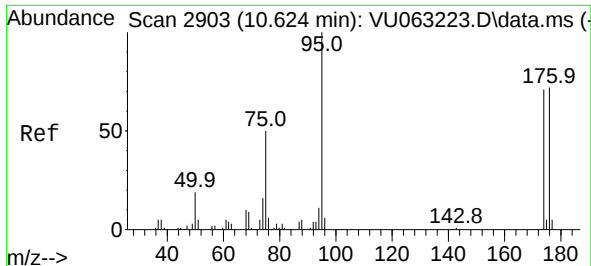
Tgt Ion:107 Resp: 5306

Ion Ratio Lower Upper

107 100

109 96.0 0.0 187.8





#57

4-Bromofluorobenzene

Concen: 0.885 ug/l

RT: 10.627 min Scan# 2904

Delta R.T. 0.003 min

Lab File: VU063245.D

Acq: 11 Feb 2025 19:04

Instrument :

MSVOA_U

ClientSampleId :

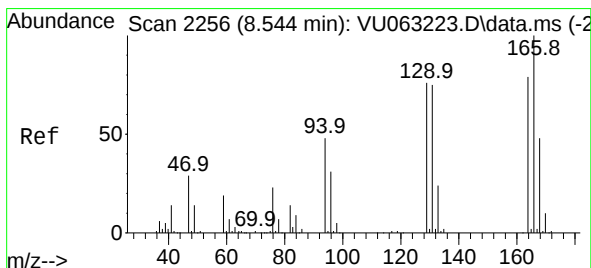
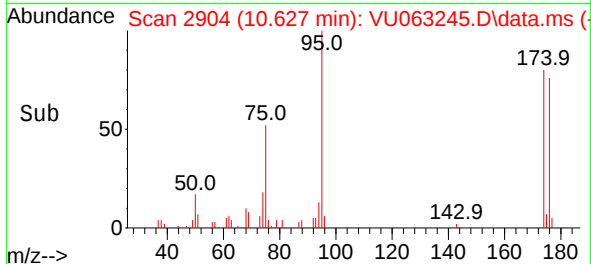
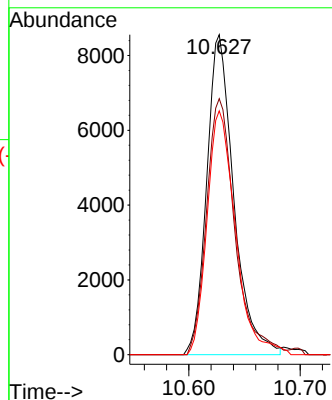
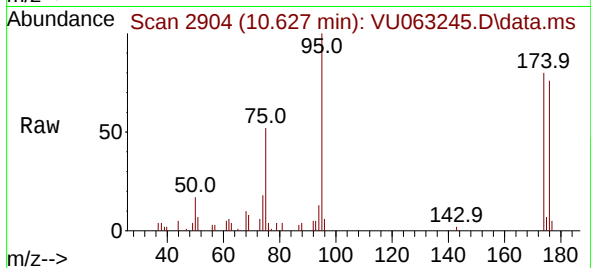
Tgt Ion: 95 Resp: 14450

Ion Ratio Lower Upper

95 100

174 84.5 58.6 88.0

176 80.0 58.2 87.4



#58

Tetrachloroethene

Concen: 0.576 ug/l

RT: 8.544 min Scan# 2256

Delta R.T. 0.000 min

Lab File: VU063245.D

Acq: 11 Feb 2025 19:04

Tgt Ion: 164 Resp: 6873

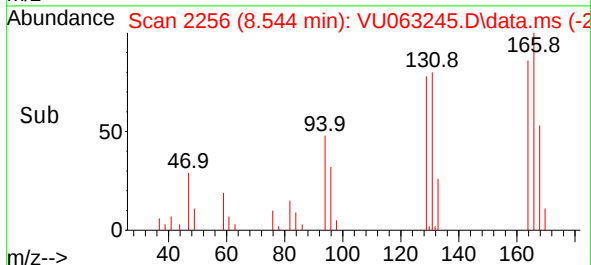
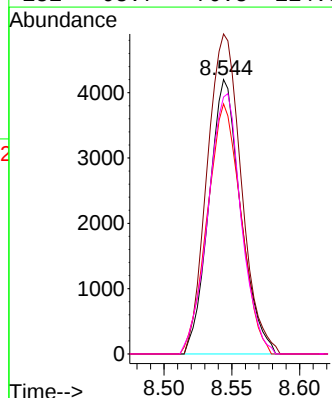
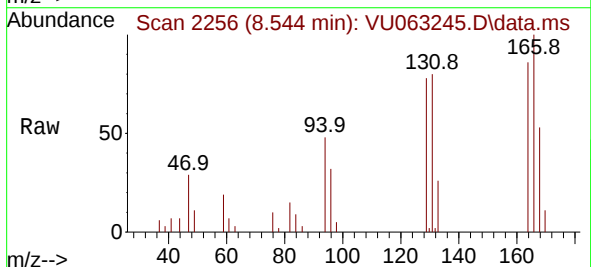
Ion Ratio Lower Upper

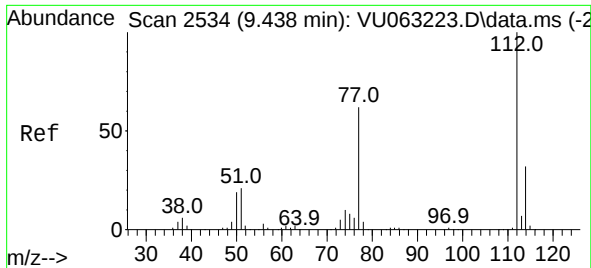
164 100

166 116.6 101.4 152.0

129 91.2 77.0 115.4

131 93.7 76.3 114.5





#59

Chlorobenzene

Concen: 0.521 ug/l

RT: 9.441 min Scan# 2535

Delta R.T. 0.003 min

Lab File: VU063245.D

Acq: 11 Feb 2025 19:04

Instrument :

MSVOA_U

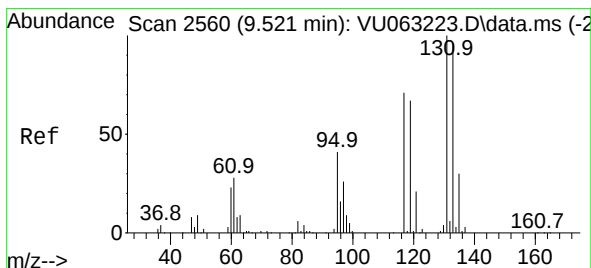
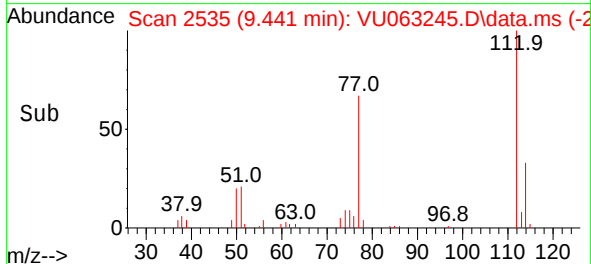
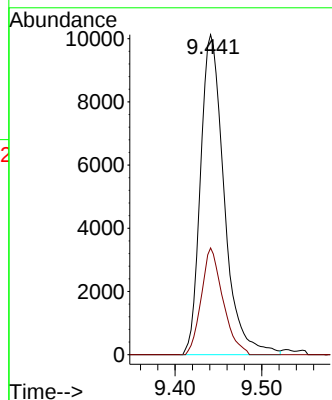
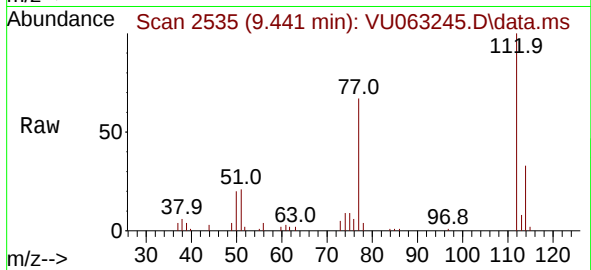
ClientSampleId :

Tgt Ion:112 Resp: 19237

Ion Ratio Lower Upper

112 100

114 33.3 25.7 38.5



#60

1,1,1,2-Tetrachloroethane

Concen: 0.567 ug/l

RT: 9.524 min Scan# 2561

Delta R.T. 0.003 min

Lab File: VU063245.D

Acq: 11 Feb 2025 19:04

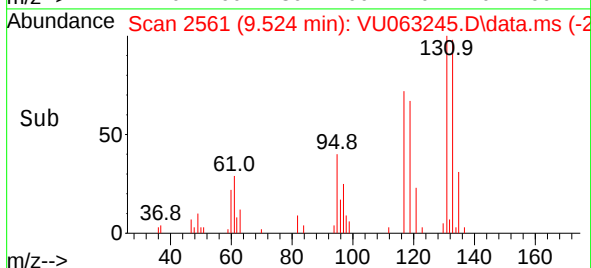
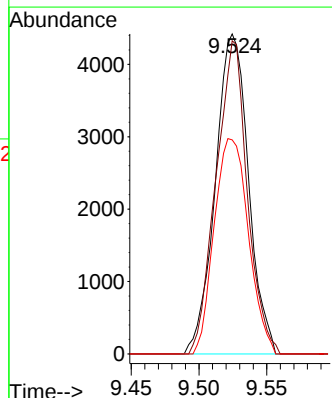
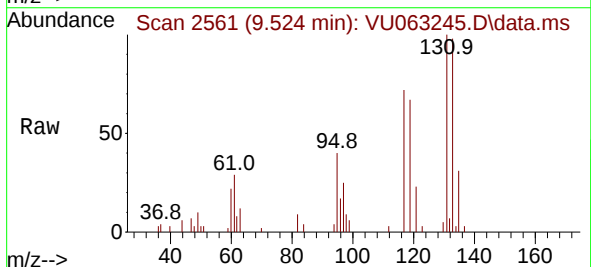
Tgt Ion:131 Resp: 7524

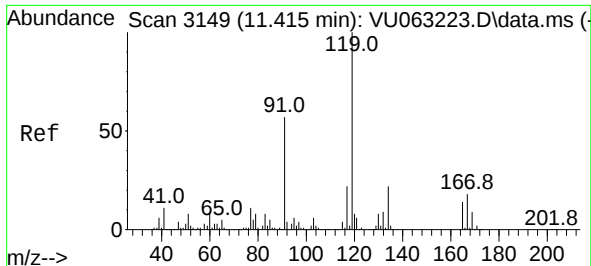
Ion Ratio Lower Upper

131 100

133 92.3 76.7 115.1

119 69.4 54.4 81.6

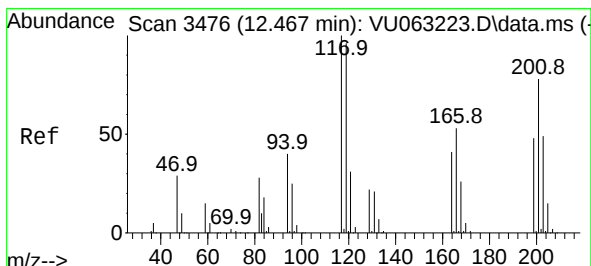
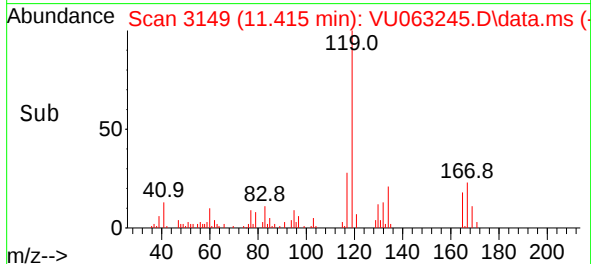
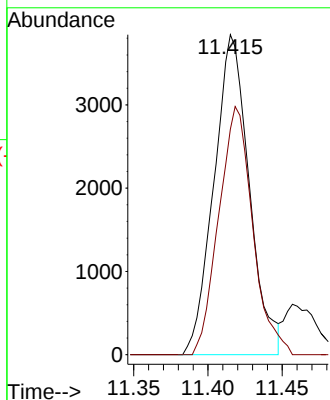
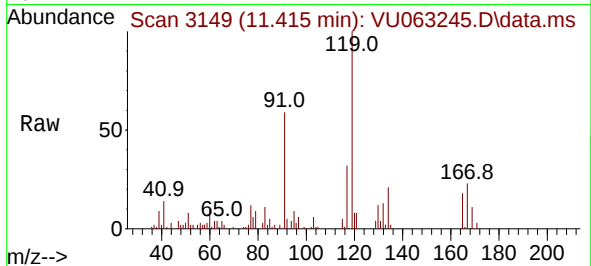




#61
 Pentachloroethane
 Concen: 0.536 ug/l
 RT: 11.415 min Scan# 3149
 Delta R.T. 0.000 min
 Lab File: VU063245.D
 Acq: 11 Feb 2025 19:04

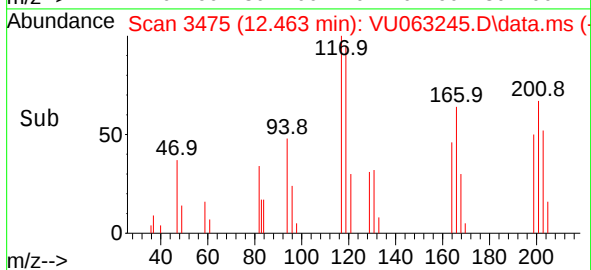
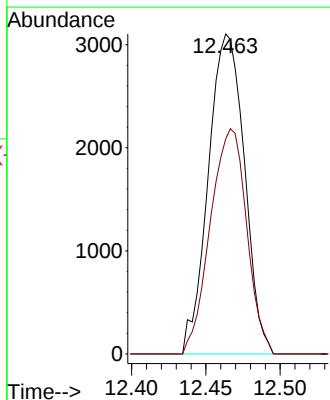
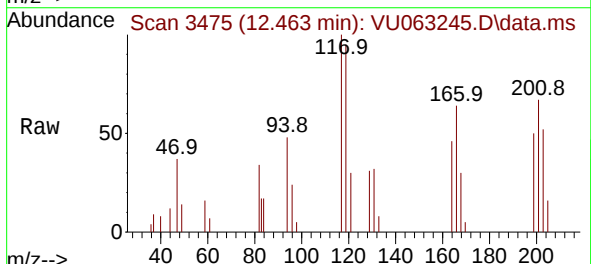
Instrument :
 MSVOA_U
 ClientSampleId :

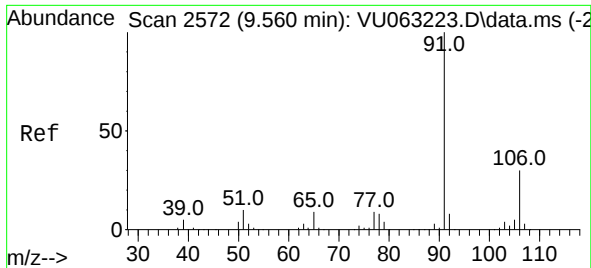
Tgt Ion:117 Resp: 6352
 Ion Ratio Lower Upper
 117 100
 167 74.4 65.0 97.6



#62
 Hexachloroethane
 Concen: 0.500 ug/l
 RT: 12.463 min Scan# 3475
 Delta R.T. -0.003 min
 Lab File: VU063245.D
 Acq: 11 Feb 2025 19:04

Tgt Ion:117 Resp: 5243
 Ion Ratio Lower Upper
 117 100
 201 70.9 61.3 91.9





#63

Ethyl Benzene

Concen: 0.467 ug/l

RT: 9.563 min Scan# 2573

Delta R.T. 0.003 min

Lab File: VU063245.D

Acq: 11 Feb 2025 19:04

Instrument :

MSVOA_U

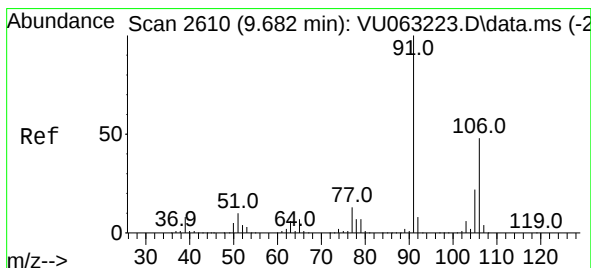
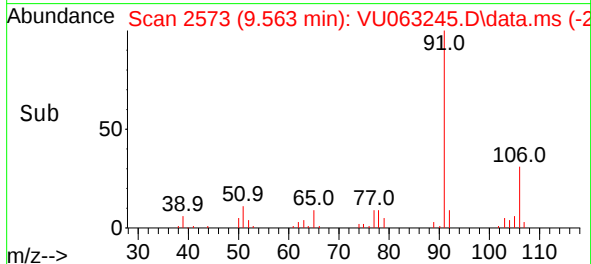
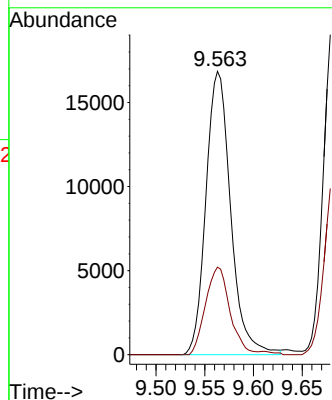
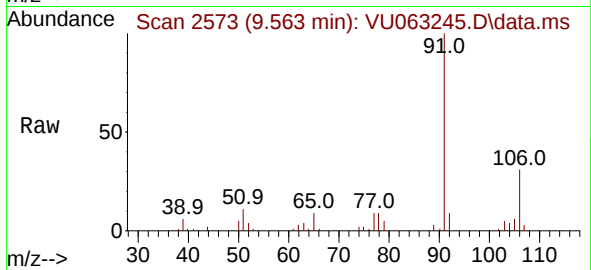
ClientSampleId :

Tgt Ion: 91 Resp: 29739

Ion Ratio Lower Upper

91 100

106 30.9 24.2 36.2



#64

m/p-Xylenes

Concen: 0.923 ug/l

RT: 9.685 min Scan# 2611

Delta R.T. 0.003 min

Lab File: VU063245.D

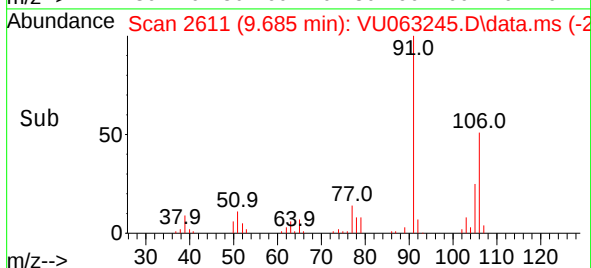
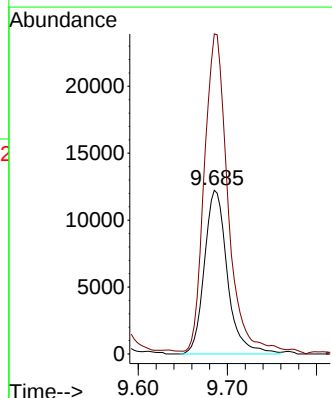
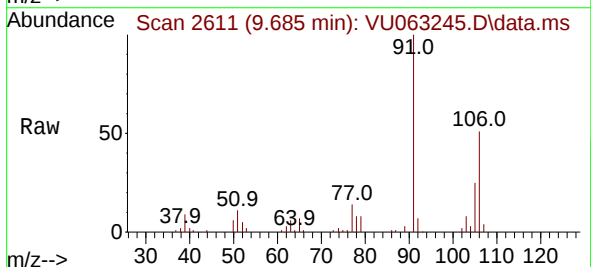
Acq: 11 Feb 2025 19:04

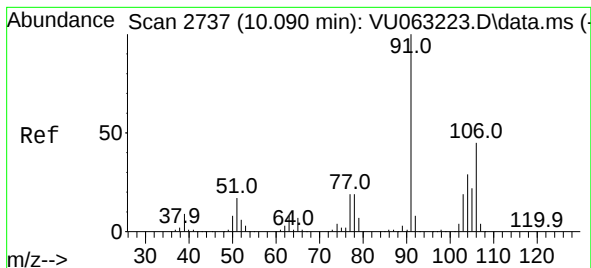
Tgt Ion:106 Resp: 21944

Ion Ratio Lower Upper

106 100

91 196.1 166.9 250.3





#65

o-Xylene

Concen: 0.472 ug/l

RT: 10.094 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063245.D

Acq: 11 Feb 2025 19:04

Instrument :

MSVOA_U

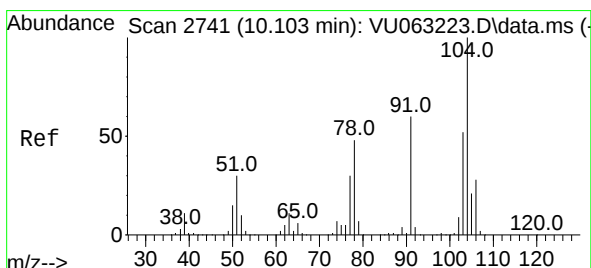
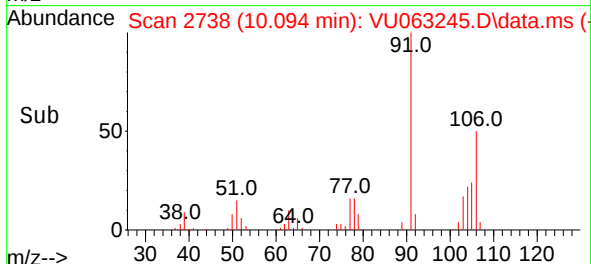
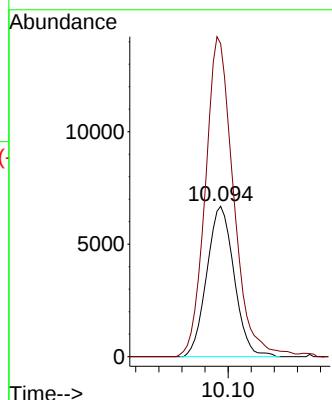
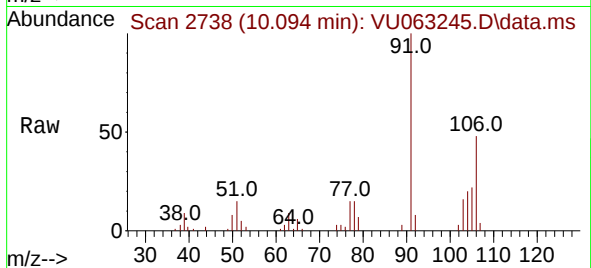
ClientSampleId :

Tgt Ion:106 Resp: 10985

Ion Ratio Lower Upper

106 100

91 219.6 110.9 332.9



#66

Styrene

Concen: 0.440 ug/l

RT: 10.113 min Scan# 2744

Delta R.T. 0.010 min

Lab File: VU063245.D

Acq: 11 Feb 2025 19:04

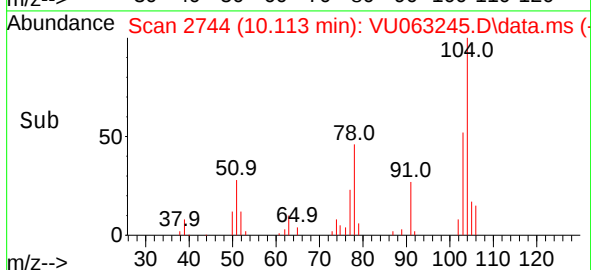
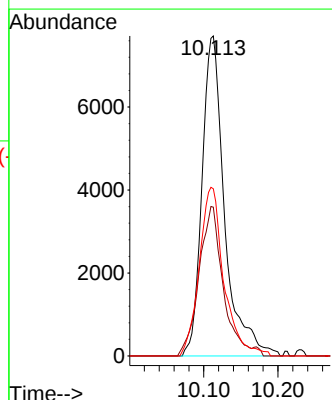
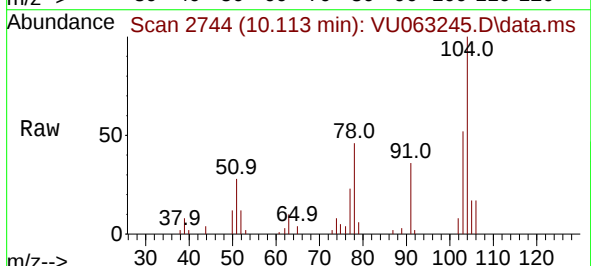
Tgt Ion:104 Resp: 16318

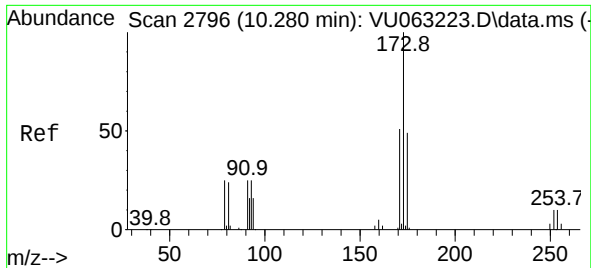
Ion Ratio Lower Upper

104 100

78 49.5 41.2 61.8

103 57.5 44.8 67.2

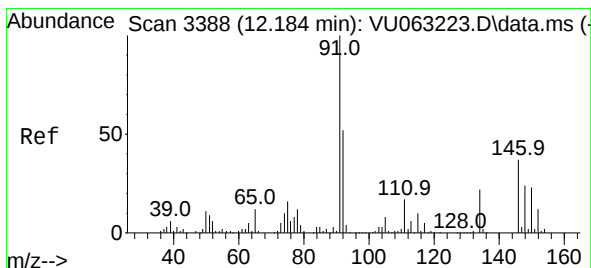
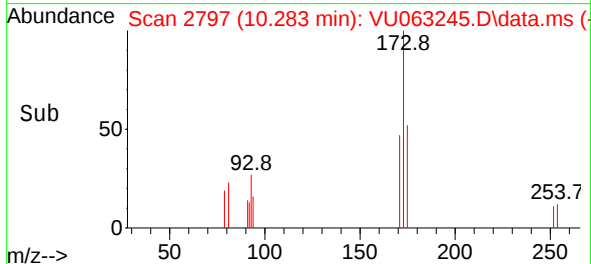
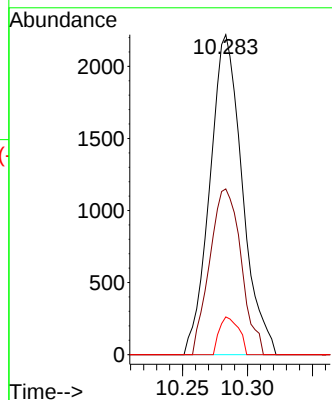
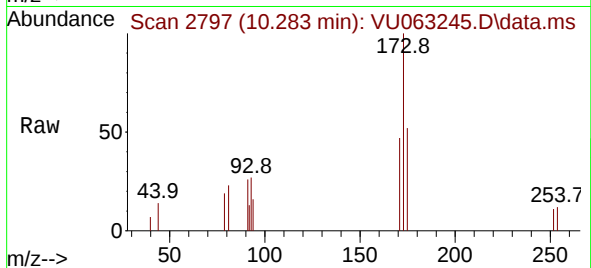




#67
Bromoform
Concen: 0.543 ug/l
RT: 10.283 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063245.D
Acq: 11 Feb 2025 19:04

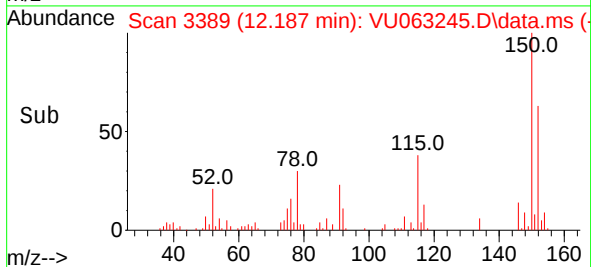
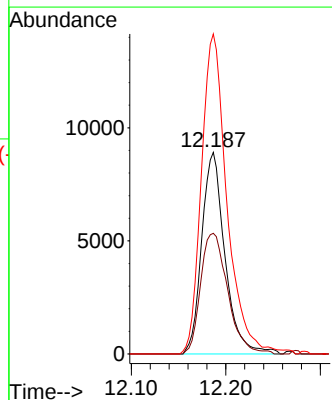
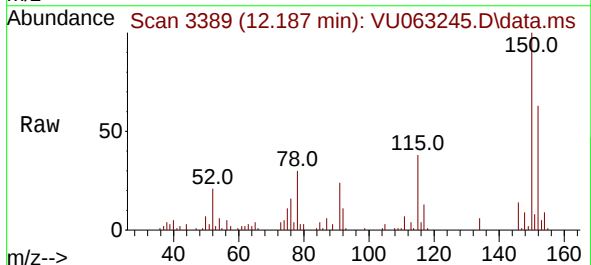
Instrument :
MSVOA_U
ClientSampleId :

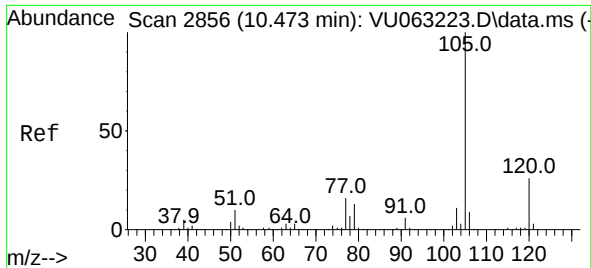
Tgt Ion:173 Resp: 3852
Ion Ratio Lower Upper
173 100
175 50.2 39.0 58.4
254 7.0 7.7 11.5#



#68
1,2-Dichlorobenzene-d4
Concen: 0.896 ug/l
RT: 12.187 min Scan# 3389
Delta R.T. 0.003 min
Lab File: VU063245.D
Acq: 11 Feb 2025 19:04

Tgt Ion:152 Resp: 15221
Ion Ratio Lower Upper
152 100
115 69.8 0.0 275.2
150 174.8 0.0 658.4

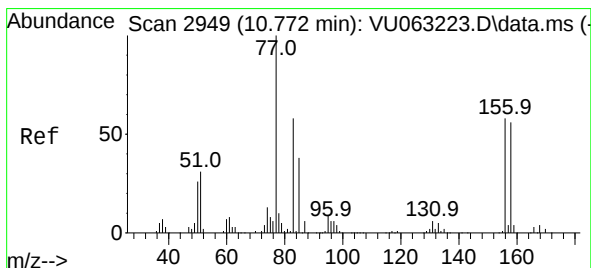
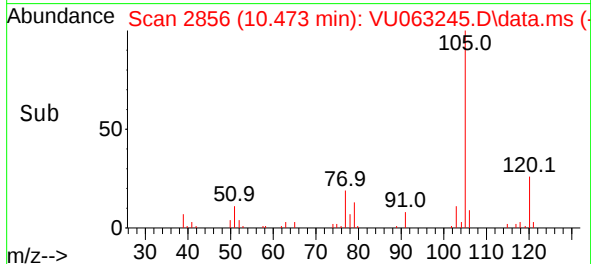
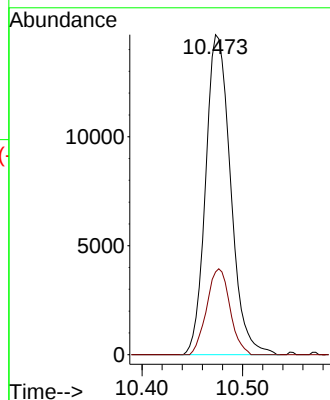
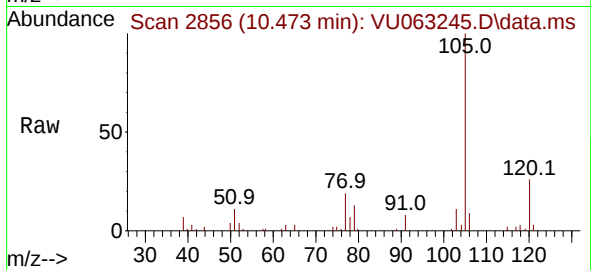




#69
Isopropylbenzene
Concen: 0.462 ug/l
RT: 10.473 min Scan# 2856
Delta R.T. 0.000 min
Lab File: VU063245.D
Acq: 11 Feb 2025 19:04

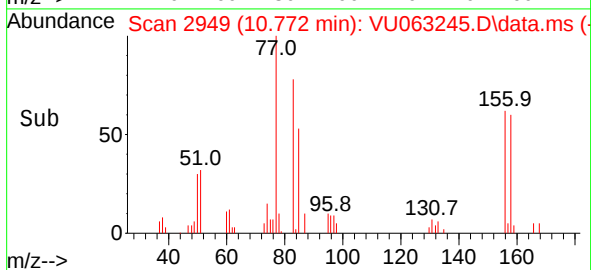
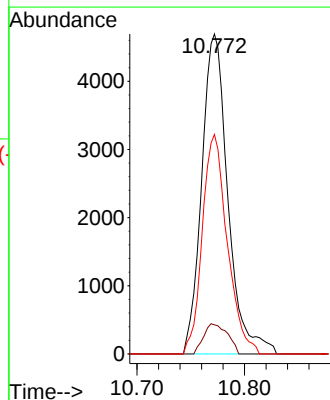
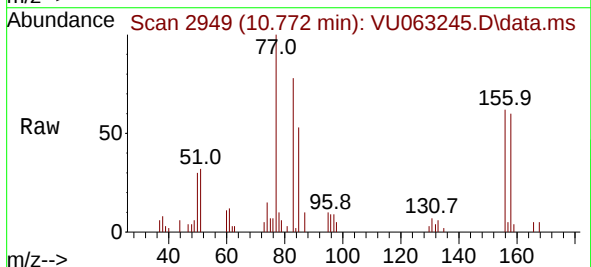
Instrument :
MSVOA_U
ClientSampleId :

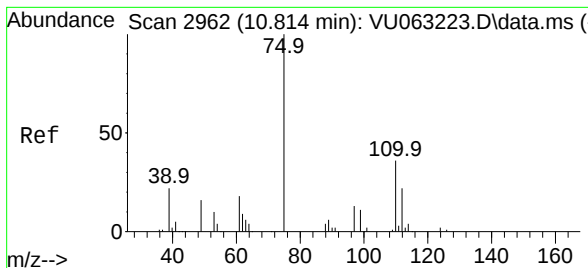
Tgt Ion:105 Resp: 25304
Ion Ratio Lower Upper
105 100
120 25.0 12.8 38.4



#70
1,1,2,2-Tetrachloroethane
Concen: 0.542 ug/l
RT: 10.772 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU063245.D
Acq: 11 Feb 2025 19:04

Tgt Ion: 83 Resp: 7937
Ion Ratio Lower Upper
83 100
131 8.6 7.4 11.0
85 65.3 51.8 77.8





#71

1,2,3-Trichloropropane

Concen: 0.420 ug/l

RT: 10.814 min Scan# 2962

Delta R.T. -0.000 min

Lab File: VU063245.D

Acq: 11 Feb 2025 19:04

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 75 Resp: 4624

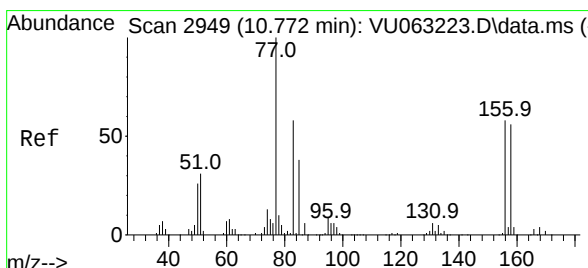
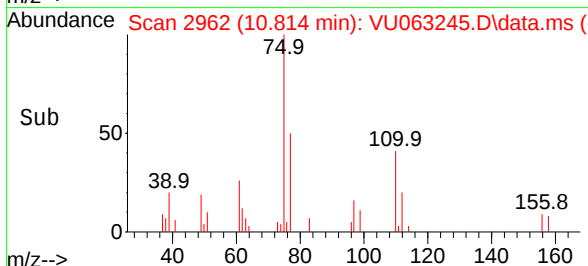
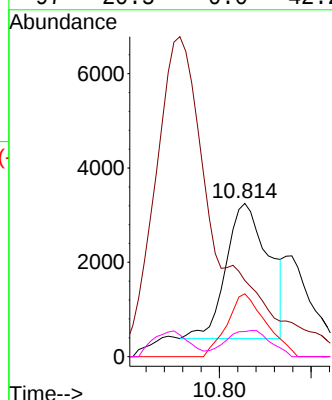
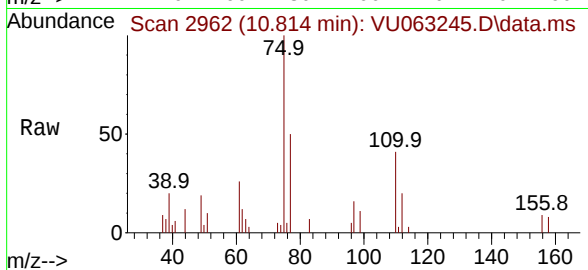
Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

110 42.5 0.0 77.0

97 20.5 0.0 42.2



#72

Bromobenzene

Concen: 0.523 ug/l

RT: 10.778 min Scan# 2951

Delta R.T. 0.006 min

Lab File: VU063245.D

Acq: 11 Feb 2025 19:04

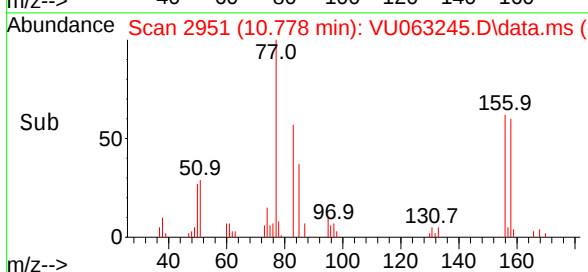
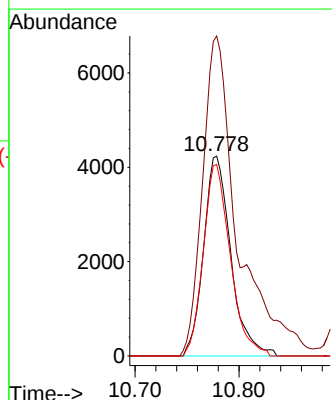
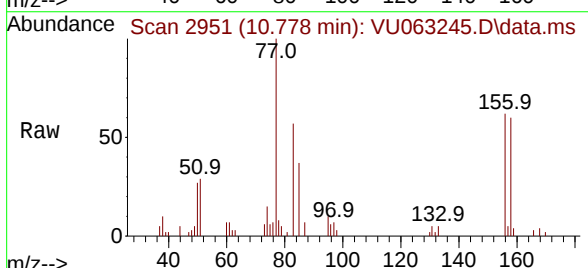
Tgt Ion: 156 Resp: 7720

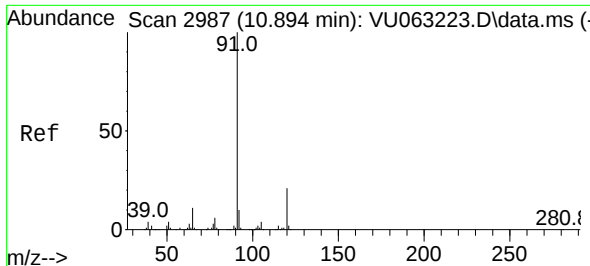
Ion Ratio Lower Upper

156 100

77 206.8 0.0 343.6

158 94.8 0.0 193.0

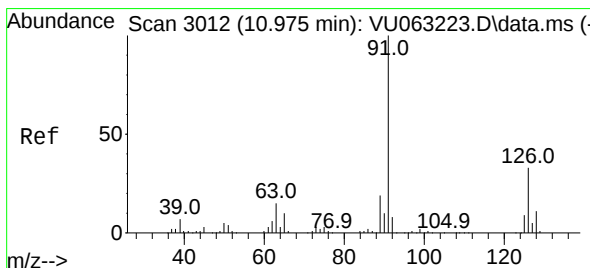
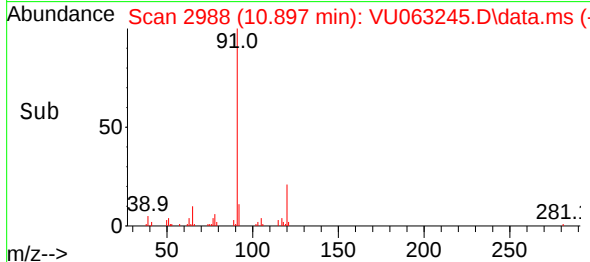
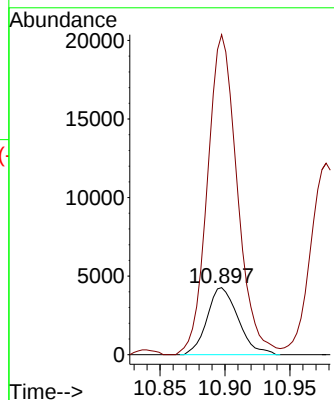
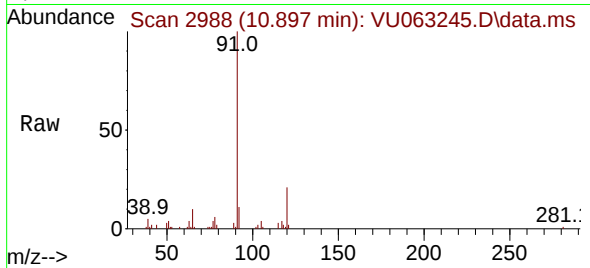




#73
n-propylbenzene
Concen: 0.453 ug/l
RT: 10.897 min Scan# 2987
Delta R.T. 0.003 min
Lab File: VU063245.D
Acq: 11 Feb 2025 19:04

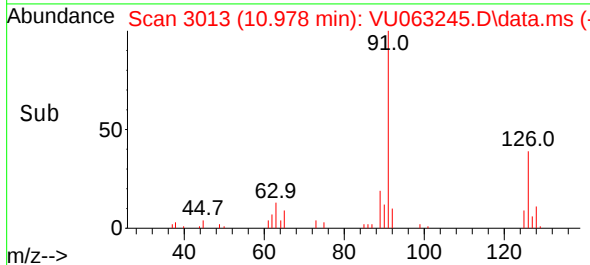
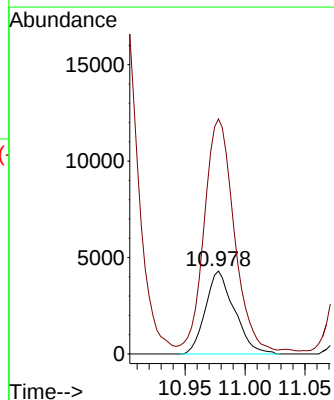
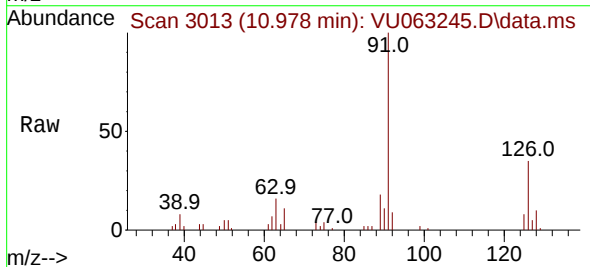
Instrument :
MSVOA_U
ClientSampleId :

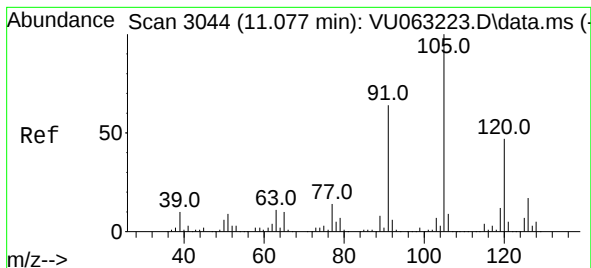
Tgt Ion:120 Resp: 7098
Ion Ratio Lower Upper
120 100
91 459.2 369.8 554.6



#74
2-Chlorotoluene
Concen: 0.498 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. 0.003 min
Lab File: VU063245.D
Acq: 11 Feb 2025 19:04

Tgt Ion:126 Resp: 7187
Ion Ratio Lower Upper
126 100
91 288.3 0.0 623.8





#75

1,3,5-Trimethylbenzene

Concen: 0.416 ug/l

RT: 11.081 min Scan# 3045

Delta R.T. 0.003 min

Lab File: VU063245.D

Acq: 11 Feb 2025 19:04

Instrument :

MSVOA_U

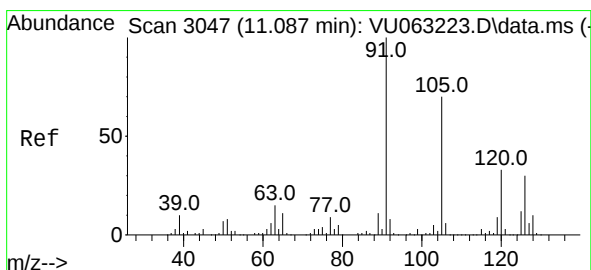
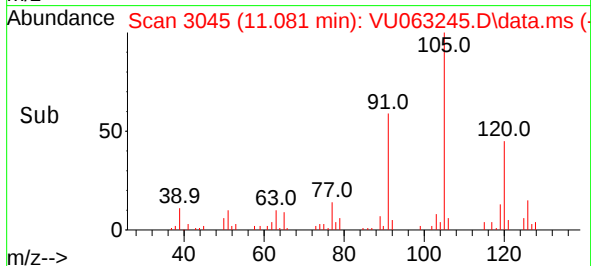
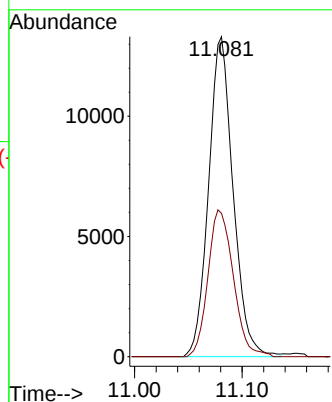
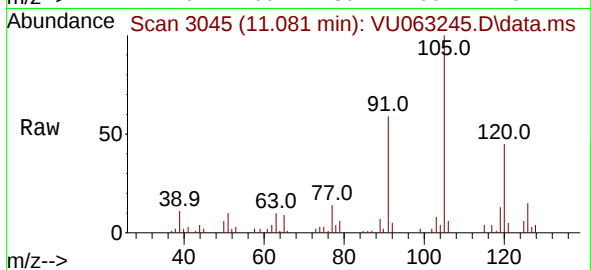
ClientSampleId :

Tgt Ion:105 Resp: 21086

Ion Ratio Lower Upper

105 100

120 47.6 37.3 55.9



#76

4-Chlorotoluene

Concen: 0.484 ug/l

RT: 11.094 min Scan# 3049

Delta R.T. 0.006 min

Lab File: VU063245.D

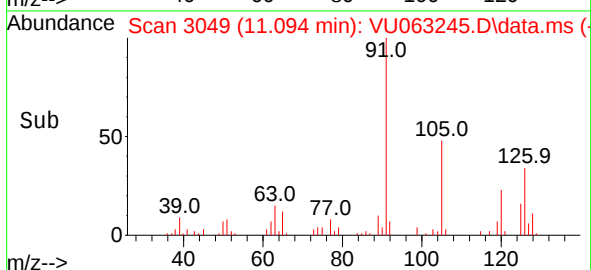
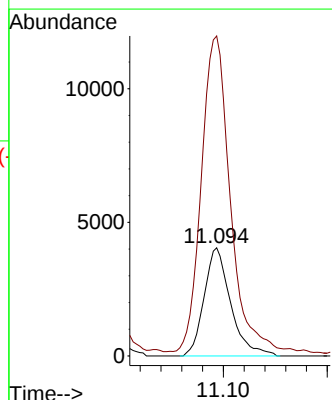
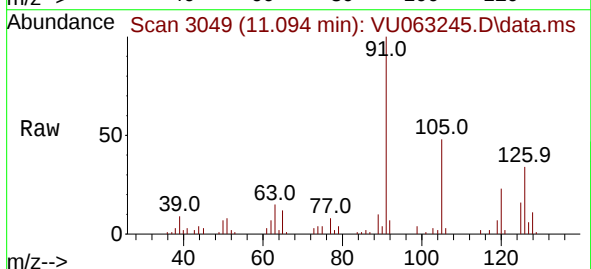
Acq: 11 Feb 2025 19:04

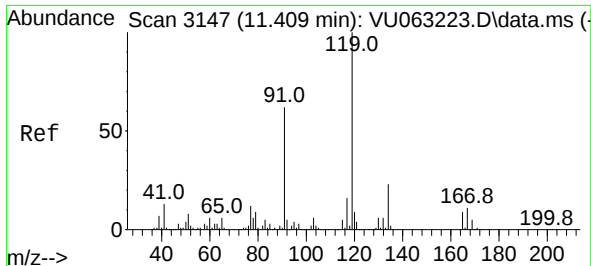
Tgt Ion:126 Resp: 7168

Ion Ratio Lower Upper

126 100

91 322.3 0.0 703.6

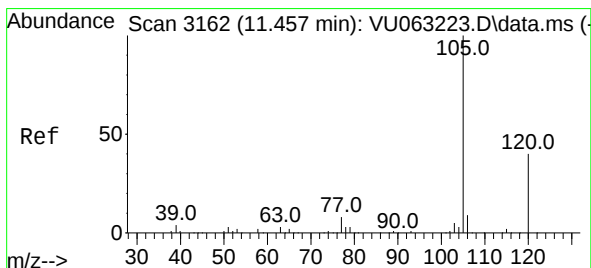
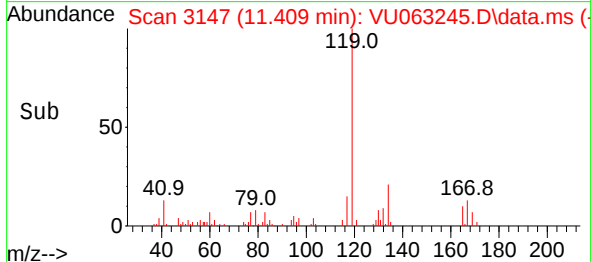
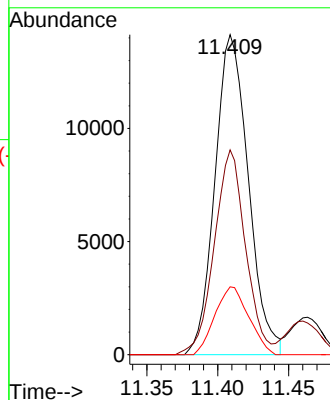
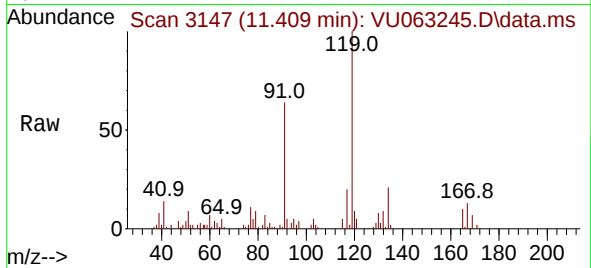




#77
tert-Butylbenzene
Concen: 0.452 ug/l
RT: 11.409 min Scan# 3147
Delta R.T. -0.000 min
Lab File: VU063245.D
Acq: 11 Feb 2025 19:04

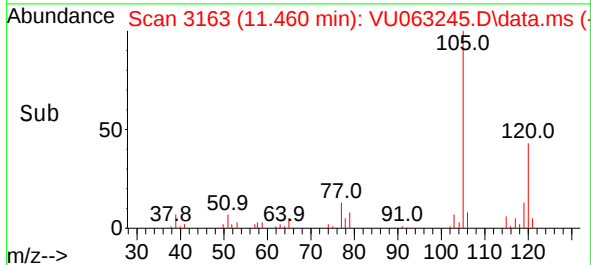
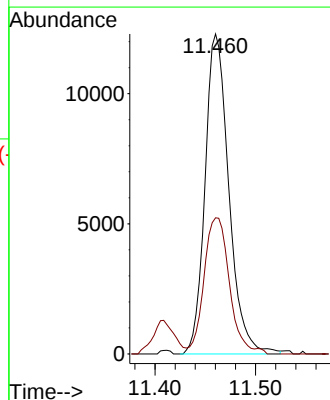
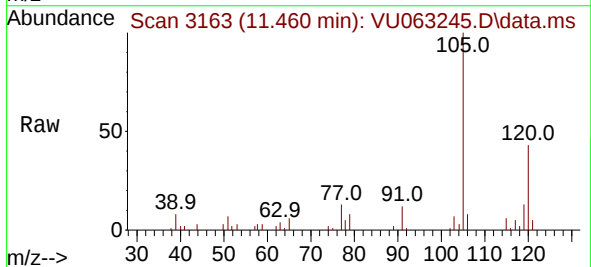
Instrument :
MSVOA_U
ClientSampleId :

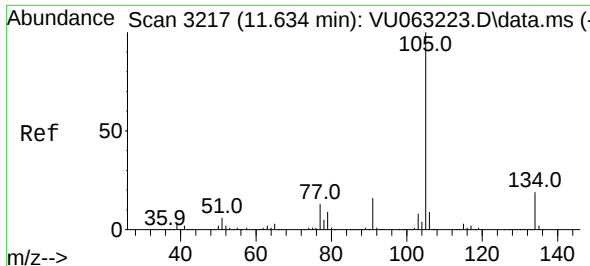
Tgt Ion:119 Resp: 23184
Ion Ratio Lower Upper
119 100
91 59.8 29.4 88.3
134 21.4 17.6 26.4



#78
1,2,4-Trimethylbenzene
Concen: 0.402 ug/l
RT: 11.460 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VU063245.D
Acq: 11 Feb 2025 19:04

Tgt Ion:105 Resp: 20247
Ion Ratio Lower Upper
105 100
120 45.5 21.9 65.7

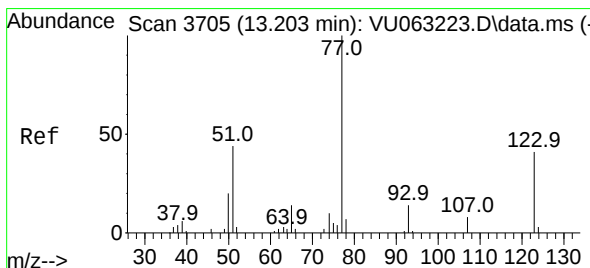
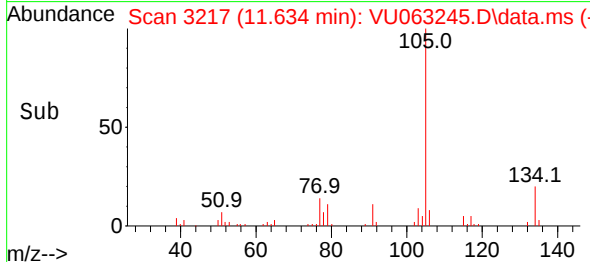
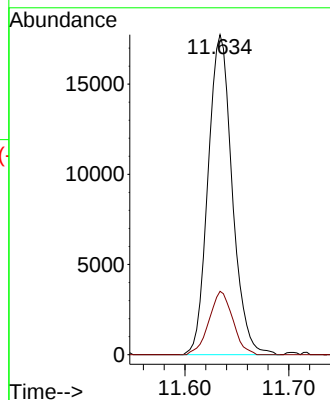
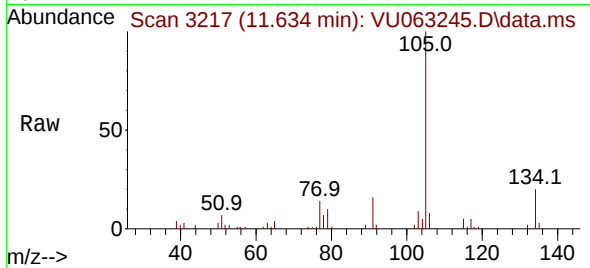




#79
 sec-Butylbenzene
 Concen: 0.439 ug/l
 RT: 11.634 min Scan# 3217
 Delta R.T. -0.000 min
 Lab File: VU063245.D
 Acq: 11 Feb 2025 19:04

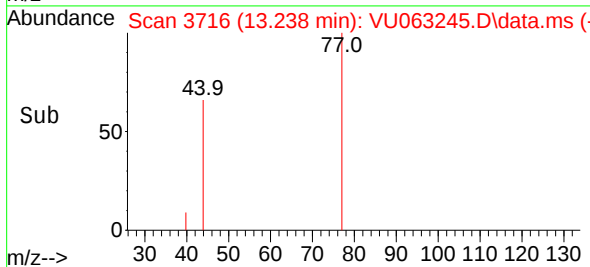
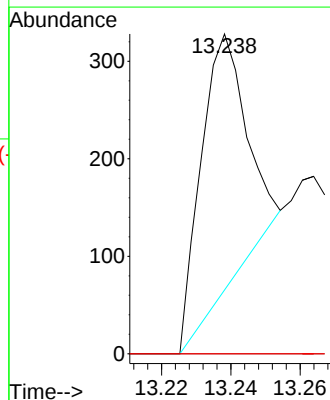
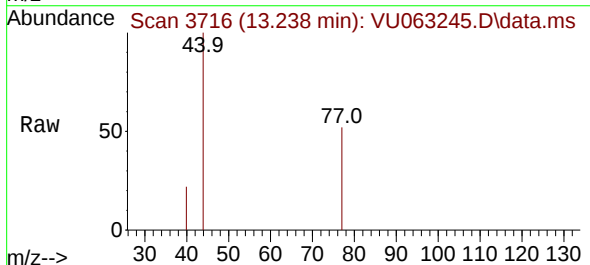
Instrument :
 MSVOA_U
 ClientSampleId :

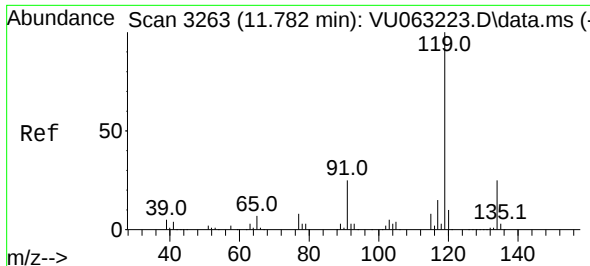
Tgt Ion:105 Resp: 28659
 Ion Ratio Lower Upper
 105 100
 134 19.4 15.1 22.7



#80
 Nitrobenzene
 Concen: 0.720 ug/l
 RT: 13.238 min Scan# 3716
 Delta R.T. 0.035 min
 Lab File: VU063245.D
 Acq: 11 Feb 2025 19:04

Tgt Ion: 77 Resp: 251
 Ion Ratio Lower Upper
 77 100
 123 0.0 18.9 67.1#
 65 0.0 11.9 15.1#

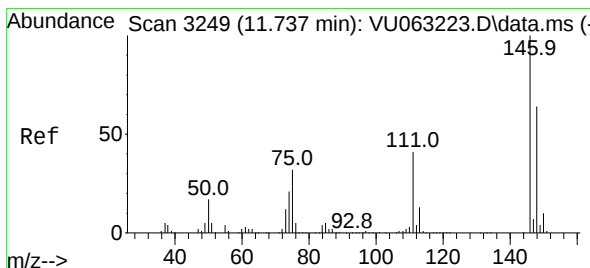
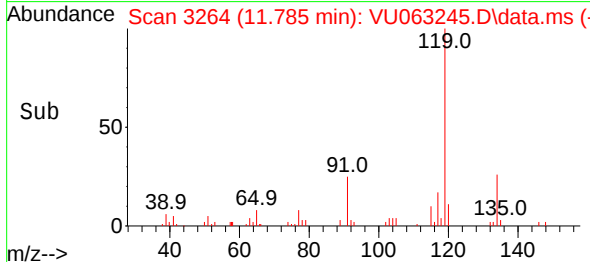
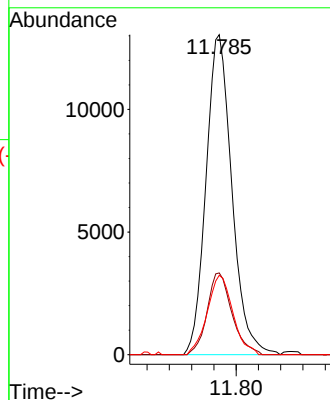
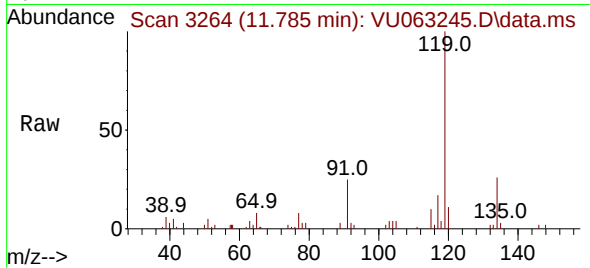




#81
p-Isopropyltoluene
Concen: 0.408 ug/l
RT: 11.785 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063245.D
Acq: 11 Feb 2025 19:04

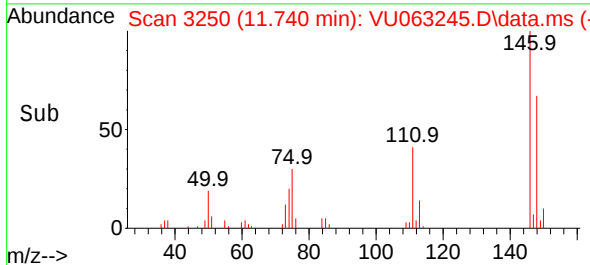
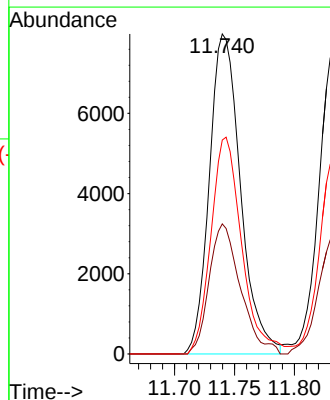
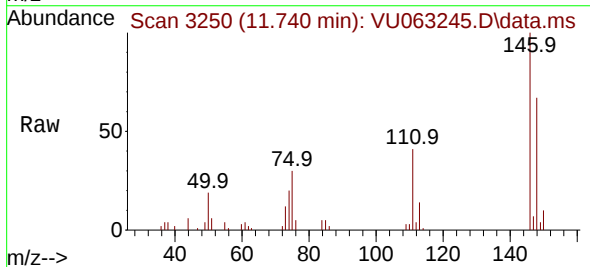
Instrument :
MSVOA_U
ClientSampleId :

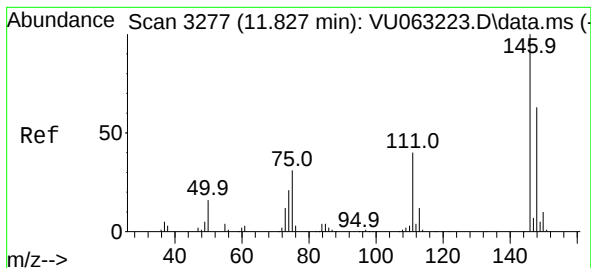
Tgt Ion:119	Resp:	21014
Ion Ratio	Lower	Upper
119	100	
134	24.6	20.3 30.5
91	24.5	19.4 29.2



#82
1,3-Dichlorobenzene
Concen: 0.504 ug/l
RT: 11.740 min Scan# 3250
Delta R.T. 0.003 min
Lab File: VU063245.D
Acq: 11 Feb 2025 19:04

Tgt Ion:146	Resp:	14427
Ion Ratio	Lower	Upper
146	100	
111	40.8	32.8 49.2
148	67.1	51.1 76.7





#83

1,4-Dichlorobenzene

Concen: 0.508 ug/l

RT: 11.833 min Scan# 31

Delta R.T. 0.006 min

Lab File: VU063245.D

Acq: 11 Feb 2025 19:04

Instrument :

MSVOA_U

ClientSampleId :

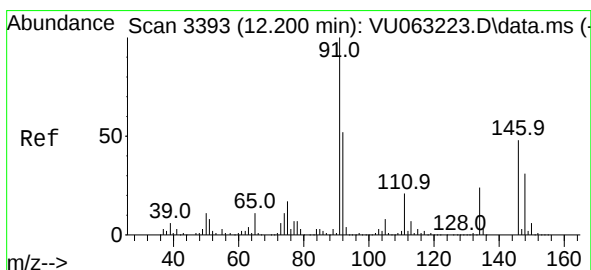
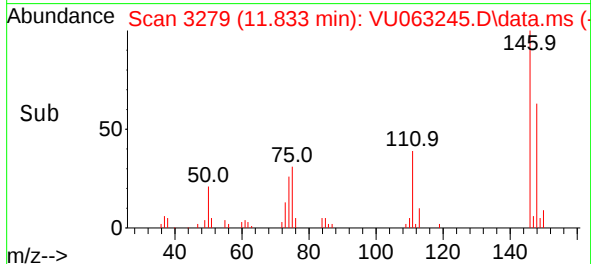
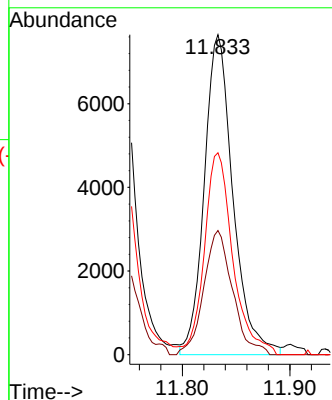
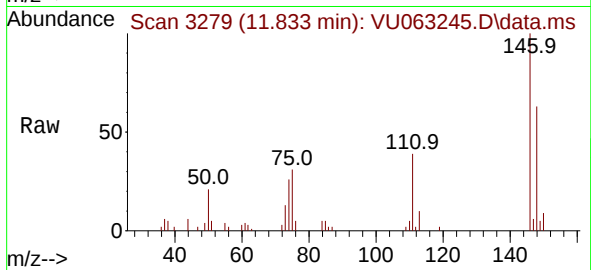
Tgt Ion:146 Resp: 14210

Ion Ratio Lower Upper

146 100

111 39.0 32.1 48.1

148 62.6 50.2 75.4



#84

n-Butylbenzene

Concen: 0.428 ug/l

RT: 12.203 min Scan# 3394

Delta R.T. 0.003 min

Lab File: VU063245.D

Acq: 11 Feb 2025 19:04

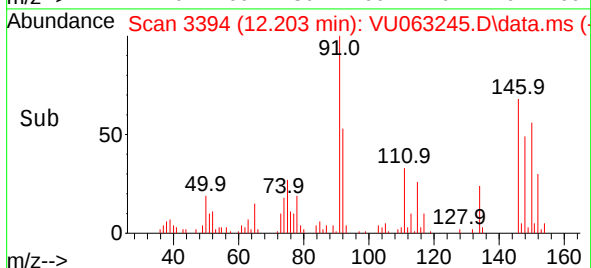
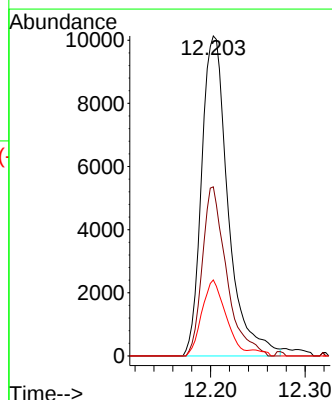
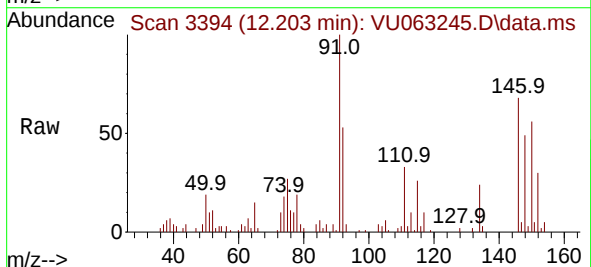
Tgt Ion: 91 Resp: 19763

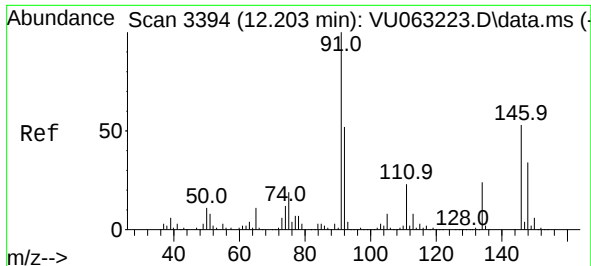
Ion Ratio Lower Upper

91 100

92 48.3 41.8 62.8

134 21.4 18.6 28.0





#85

1,2-Dichlorobenzene

Concen: 0.506 ug/l

RT: 12.206 min Scan# 3394

Delta R.T. 0.003 min

Lab File: VU063245.D

Acq: 11 Feb 2025 19:04

Instrument :

MSVOA_U

ClientSampleId :

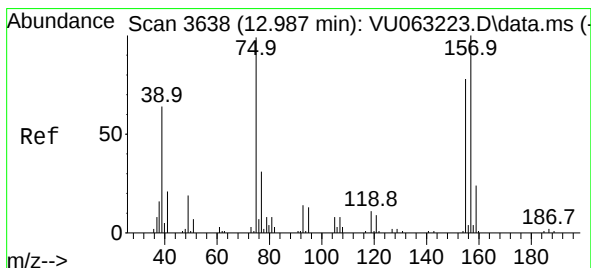
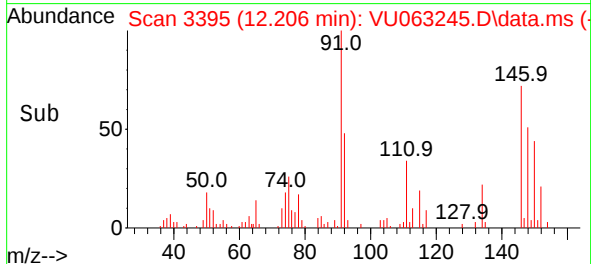
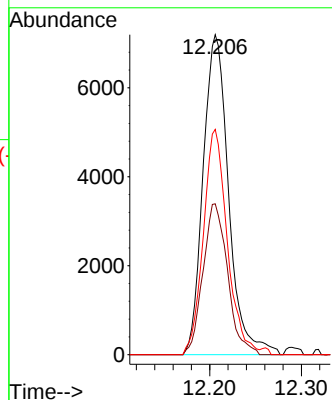
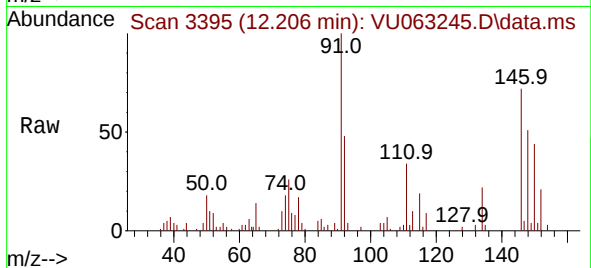
Tgt Ion:146 Resp: 13911

Ion Ratio Lower Upper

146 100

111 45.6 21.9 65.7

148 66.1 32.3 96.9



#86

1,2-Dibromo-3-Chloropropane

Concen: 0.432 ug/l

RT: 13.003 min Scan# 3643

Delta R.T. 0.016 min

Lab File: VU063245.D

Acq: 11 Feb 2025 19:04

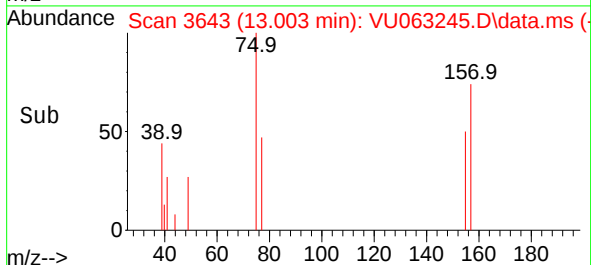
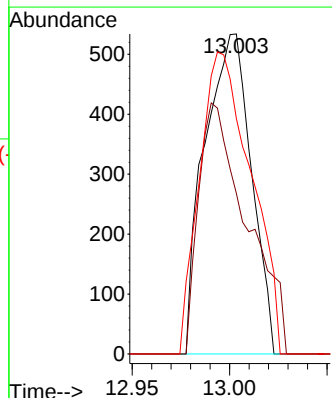
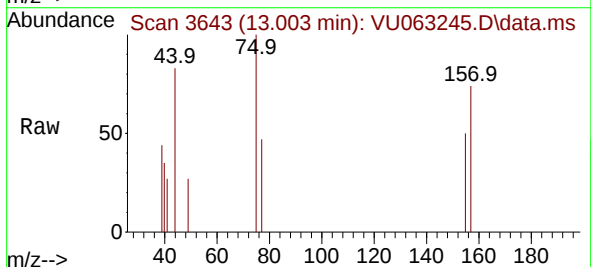
Tgt Ion: 75 Resp: 888

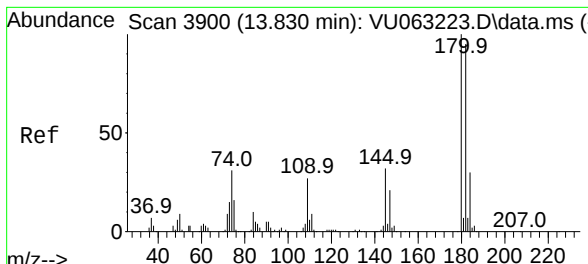
Ion Ratio Lower Upper

75 100

155 81.4 63.5 95.3

157 104.4 81.8 122.6

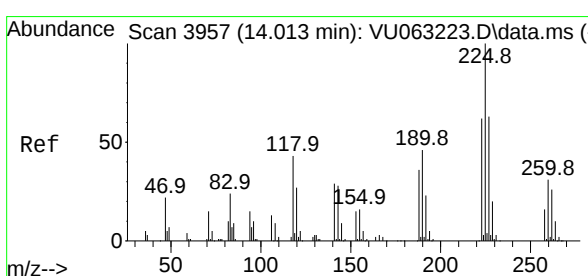
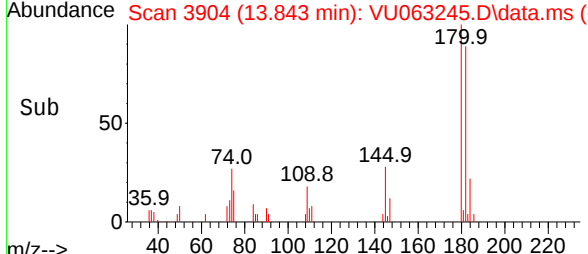
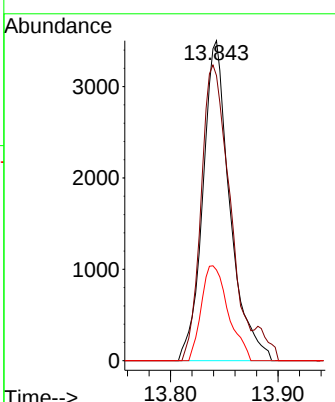
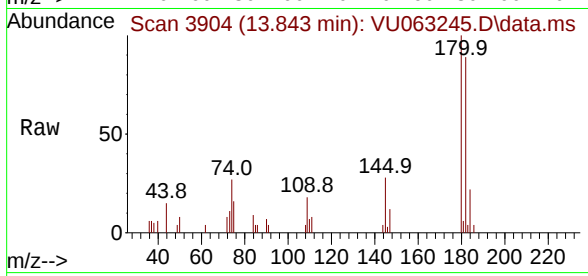




#87
 1,2,4-Trichlorobenzene
 Concen: 0.457 ug/l
 RT: 13.843 min Scan# 3904
 Delta R.T. 0.013 min
 Lab File: VU063245.D
 Acq: 11 Feb 2025 19:04

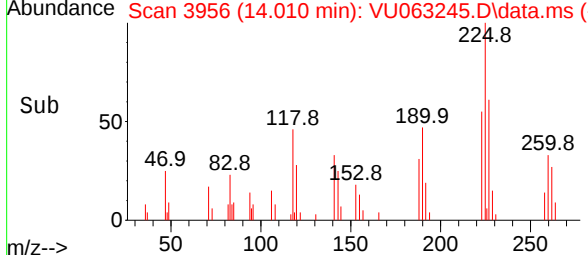
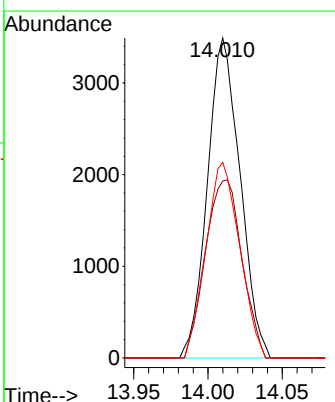
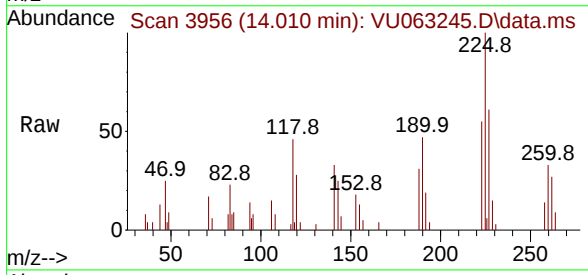
Instrument : MSVOA_U
 ClientSampleId :

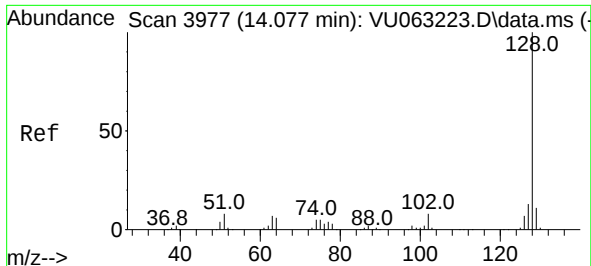
Tgt Ion:180	Resp:	6125
Ion Ratio	Lower	Upper
180	100	
182	97.8	76.6 115.0
145	29.5	25.4 38.2



#88
 Hexachlorobutadiene
 Concen: 0.557 ug/l
 RT: 14.010 min Scan# 3956
 Delta R.T. -0.003 min
 Lab File: VU063245.D
 Acq: 11 Feb 2025 19:04

Tgt Ion:225	Resp:	5337
Ion Ratio	Lower	Upper
225	100	
223	61.9	49.5 74.3
227	63.2	51.0 76.4





#89

Naphthalene

Concen: 0.419 ug/l

RT: 14.093 min Scan# 3982

Delta R.T. 0.016 min

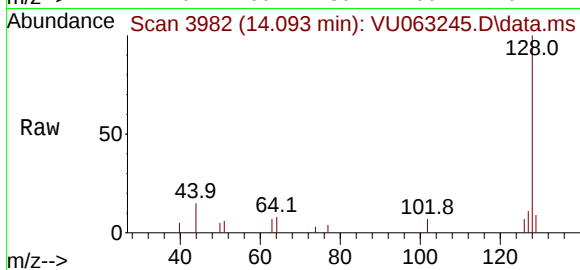
Lab File: VU063245.D

Acq: 11 Feb 2025 19:04

Instrument :

MSVOA_U

ClientSampleId :



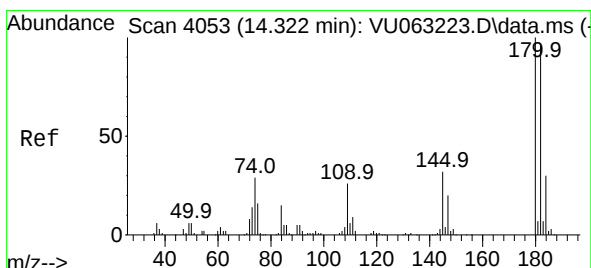
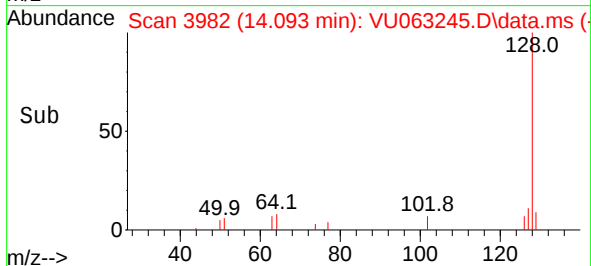
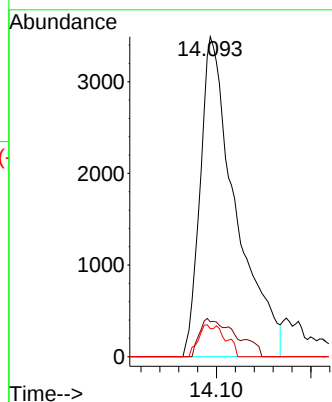
Tgt Ion:128 Resp: 9040

Ion Ratio Lower Upper

128 100

127 10.3 10.6 16.0#

129 7.5 8.6 13.0#



#90

1,2,3-Trichlorobenzene

Concen: 0.467 ug/l

RT: 14.325 min Scan# 4054

Delta R.T. 0.003 min

Lab File: VU063245.D

Acq: 11 Feb 2025 19:04

Tgt Ion:180 Resp: 6122

Ion Ratio Lower Upper

180 100

182 100.4 78.2 117.2

145 36.6 26.1 39.1

