

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021325\
 Data File : VU063267.D
 Acq On : 13 Feb 2025 18:44
 Operator : MD/SY
 Sample : VSTDCCC010EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 14 04:46:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021025DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 11 08:42:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.103	96	51789	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.624	95	18453	1.080	ug/l	0.00
Spiked Amount 1.000			Recovery	=	108.000%	
68) 1,2-Dichlorobenzene-d4	12.184	152	18640	1.049	ug/l	0.00
Spiked Amount 1.000			Recovery	=	105.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.377	85	160233	9.523	ug/l	99
3) Chloromethane	1.518	50	188053	9.705	ug/l	98
4) Vinyl Chloride	1.596	62	194231	10.131	ug/l	100
5) Bromomethane	1.837	94	106309	11.348	ug/l	100
6) Chloroethane	1.917	64	113470	9.396	ug/l	99
7) Trichlorofluoromethane	2.126	101	227706	10.023	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.567	101	130332	10.107	ug/l	99
9) 1,1-Dichloroethene	2.567	96	131915	10.040	ug/l	99
10) Iodomethane	2.708	142	206806	10.012	ug/l	99
11) Allyl Chloride	2.907	41	190698	10.103	ug/l	99
12) Acrylonitrile	3.303	53	67502	22.274	ug/l	99
13) Acetone	2.612	43	115085	49.387	ug/l	100
14) Carbon Disulfide	2.779	76	434279	9.453	ug/l	100
15) Methylene Chloride	3.030	84	164468	10.132	ug/l	99
16) trans-1,2-Dichloroethene	3.338	96	152974	10.201	ug/l	99
17) 1,1-Dichloroethane	3.853	63	292141	10.336	ug/l	99
18) 2-Butanone	4.686	43	198650	53.564	ug/l	100
19) Cyclohexane	5.374	56	210374	9.262	ug/l	87
20) Methylcyclohexane	6.750	83	248350	11.027	ug/l	98
21) 2,2-Dichloropropane	4.647	77	223156	10.120	ug/l	99
22) cis-1,2-Dichloroethene	4.650	96	173010	10.678	ug/l	99
23) Diethyl Ether	2.364	59	113316	10.051	ug/l	100
24) tert-Butyl Alcohol	3.165	59	115455	100.306	ug/l	99
25) Methyl tert-Butyl Ether	3.348	73	356516	10.864	ug/l	98
26) Bromochloromethane	4.956	128	74079	10.460	ug/l	99
27) Chloroform	5.071	83	295467	10.358	ug/l	98
28) 1,1,1-Trichloroethane	5.300	97	240646	10.415	ug/l	99
29) 1,1-Dichloropropene	5.512	75	218161	10.541	ug/l	99
30) Carbon Tetrachloride	5.509	117	206386	10.415	ug/l	96
31) Isopropyl Ether	3.975	45	435795	10.799	ug/l	100
32) Ethyl-t-butyl ether	4.486	59	406827	11.086	ug/l	100
33) Tert-Amyl methyl ether	5.927	73	363481	11.336	ug/l	100
34) Propionitrile	4.756	54	63755	56.997	ug/l	97
35) Benzene	5.759	78	663518	10.427	ug/l	99
36) 1,2-Dichloroethane	5.779	62	189813	10.335	ug/l	99
37) Trichloroethene	6.531	130	157409	10.401	ug/l	99
38) 1,2-Dichloropropane	6.779	63	175942	10.564	ug/l	99
39) Methacrylonitrile	4.959	41	49168	11.795	ug/l	97
40) Methyl acrylate	4.833	55	84554	11.006	ug/l	99
41) Tetrahydrofuran	5.039	42	51472	21.230	ug/l	98
42) 1-Chlorobutane	5.444	56	302601	10.686	ug/l	98
43) Dibromomethane	6.904	93	89109	10.566	ug/l	99
44) Bromodichloromethane	7.091	83	211706	10.785	ug/l	99

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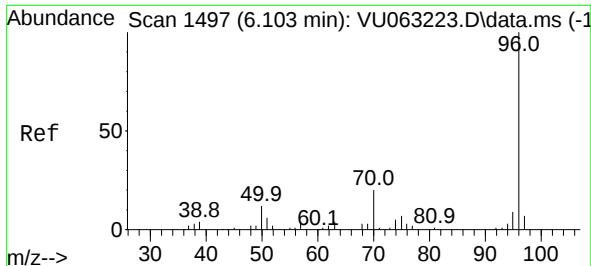
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 11 08:42:19 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.775	43	493537	55.818	ug/l	99
46) t-1,4-Dichloro-2-butene	10.814	75	208142	50.076	ug/l #	53
47) Methyl methacrylate	6.949	69	166262	23.405	ug/l	99
48) Ethyl methacrylate	8.322	69	161403	12.100	ug/l	99
49) Toluene	7.955	92	404478	11.053	ug/l	100
50) t-1,3-Dichloropropene	8.200	75	203765	11.338	ug/l	99
51) cis-1,3-Dichloropropene	7.595	75	246201	11.090	ug/l	100
52) 1,1,2-Trichloroethane	8.386	97	124276	10.929	ug/l	98
53) 1,3-Dichloropropane	8.563	76	218777	10.837	ug/l	99
54) 2-Hexanone	8.672	43	338541	56.106	ug/l	99
55) Dibromochloromethane	8.798	129	143736	10.987	ug/l	97
56) 1,2-Dibromoethane	8.910	107	116536	10.927	ug/l	100
58) Tetrachloroethene	8.544	164	129382	10.374	ug/l	98
59) Chlorobenzene	9.434	112	422514	10.941	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.521	131	149307	10.756	ug/l	100
61) Pentachloroethane	11.415	117	132521	10.687	ug/l	100
62) Hexachloroethane	12.463	117	123324	11.242	ug/l	99
63) Ethyl Benzene	9.560	91	758702	11.392	ug/l	100
64) m/p-Xylenes	9.682	106	577336	23.207	ug/l	99
65) o-Xylene	10.090	106	278258	11.425	ug/l	99
66) Styrene	10.103	104	470765	12.146	ug/l	99
67) Bromoform	10.280	173	81875	11.027	ug/l	100
69) Isopropylbenzene	10.473	105	659791	11.524	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.769	83	164572	10.738	ug/l	99
71) 1,2,3-Trichloropropane	10.814	75	208142	18.077	ug/l #	72
72) Bromobenzene	10.772	156	173295	11.233	ug/l	99
73) n-propylbenzene	10.894	120	199855	12.192	ug/l	98
74) 2-Chlorotoluene	10.975	126	174559	11.554	ug/l	99
75) 1,3,5-Trimethylbenzene	11.078	105	633633	11.944	ug/l	100
76) 4-Chlorotoluene	11.087	126	179287	11.572	ug/l	99
77) tert-Butylbenzene	11.409	119	611870	11.404	ug/l	100
78) 1,2,4-Trimethylbenzene	11.457	105	636851	12.098	ug/l	100
79) sec-Butylbenzene	11.634	105	800494	11.718	ug/l	100
80) Nitrobenzene	13.203	77	21307	47.167	ug/l #	93
81) p-Isopropyltoluene	11.782	119	656522	12.177	ug/l	100
82) 1,3-Dichlorobenzene	11.733	146	333944	11.160	ug/l	100
83) 1,4-Dichlorobenzene	11.827	146	345800	11.815	ug/l	99
84) n-Butylbenzene	12.196	91	603086	12.475	ug/l	99
85) 1,2-Dichlorobenzene	12.203	146	330104	11.480	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.984	75	25038	11.639	ug/l	97
87) 1,2,4-Trichlorobenzene	13.830	180	194103	13.840	ug/l	99
88) Hexachlorobutadiene	14.010	225	111746	11.149	ug/l	98
89) Naphthalene	14.077	128	296195	10.105	ug/l	99
90) 1,2,3-Trichlorobenzene	14.319	180	175214	12.768	ug/l	98

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

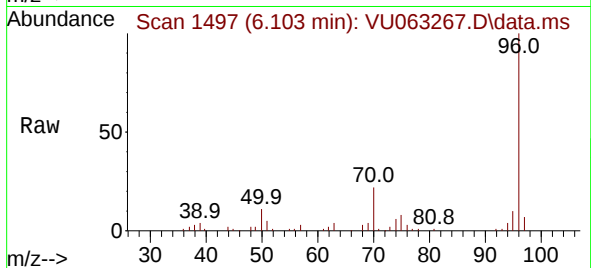
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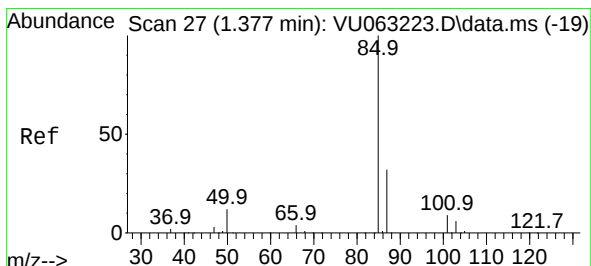
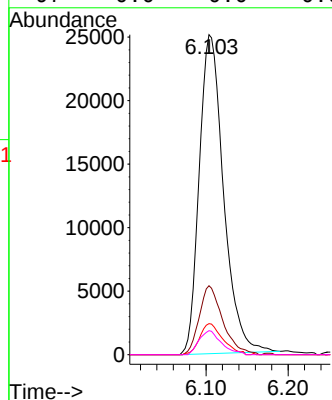
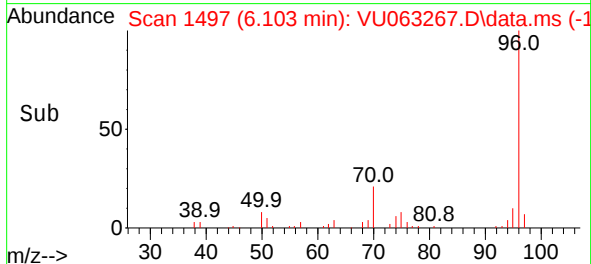


#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.103 min Scan# 1497
Delta R.T. 0.000 min
Lab File: VU063267.D
Acq: 13 Feb 2025 18:44

Instrument :
MSVOA_U
ClientSampleId :

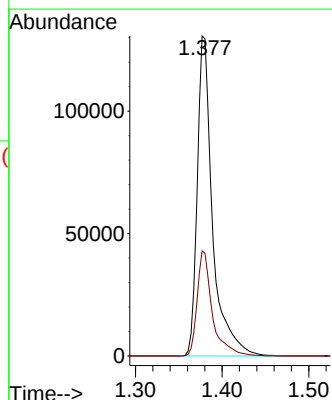
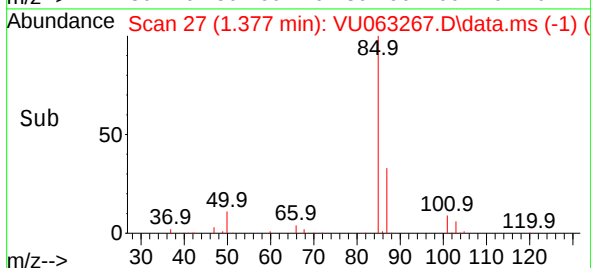
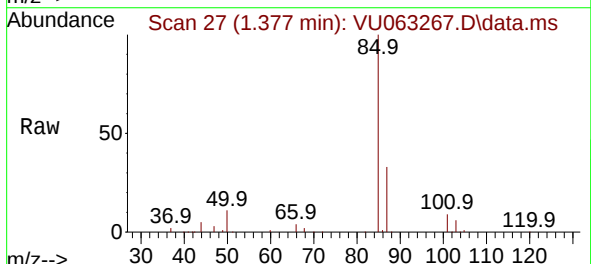


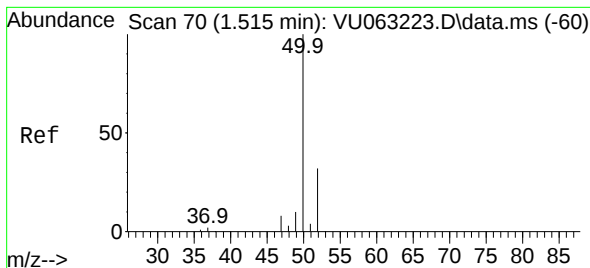
Tgt Ion: 96	Resp: 51789
Ion Ratio	Lower Upper
96 100	
70 20.8	15.6 23.4
95 9.2	7.3 10.9
97 0.0	0.0 0.0



#2
Dichlorodifluoromethane
Concen: 9.523 ug/l
RT: 1.377 min Scan# 27
Delta R.T. 0.000 min
Lab File: VU063267.D
Acq: 13 Feb 2025 18:44

Tgt Ion: 85	Resp: 160233
Ion Ratio	Lower Upper
85 100	
87 32.8	16.0 48.0





#3

Chloromethane

Concen: 9.705 ug/l

RT: 1.518 min Scan# 70

Delta R.T. 0.003 min

Lab File: VU063267.D

Acq: 13 Feb 2025 18:44

Instrument :

MSVOA_U

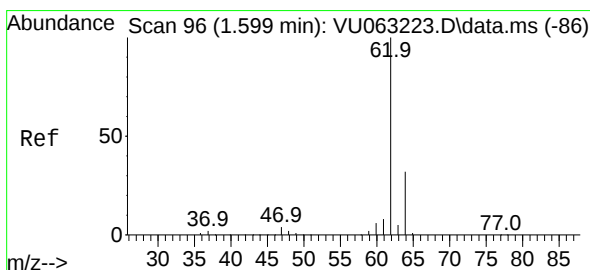
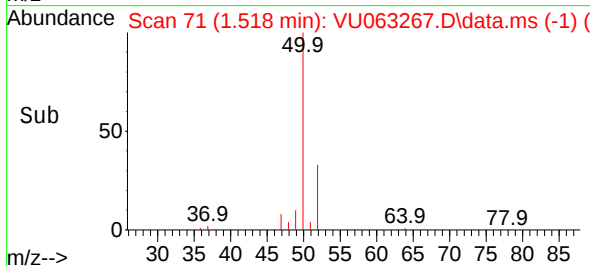
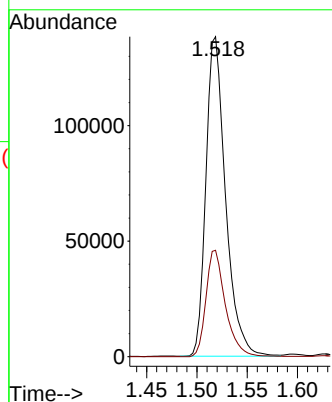
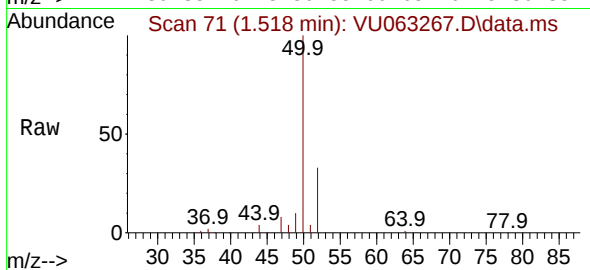
ClientSampleId :

Tgt Ion: 50 Resp: 188053

Ion Ratio Lower Upper

50 100

52 33.3 25.8 38.8



#4

Vinyl Chloride

Concen: 10.131 ug/l

RT: 1.596 min Scan# 95

Delta R.T. -0.003 min

Lab File: VU063267.D

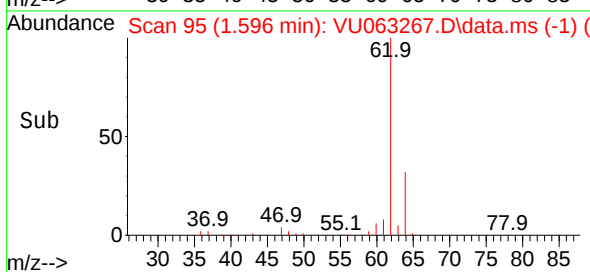
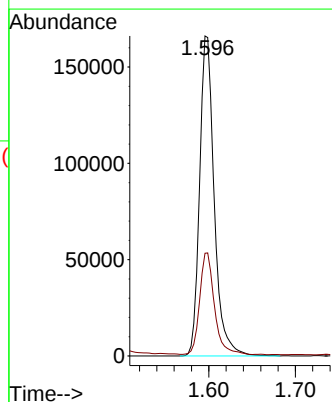
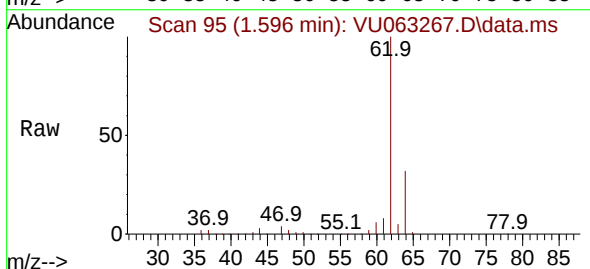
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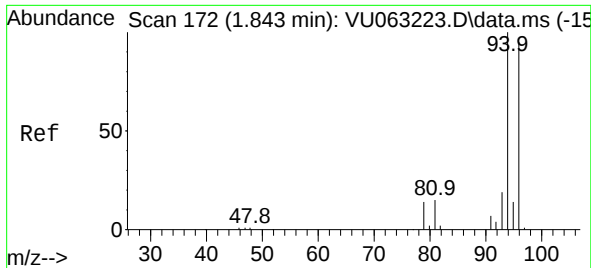
Tgt Ion: 62 Resp: 194231

Ion Ratio Lower Upper

62 100

64 31.7 25.4 38.0

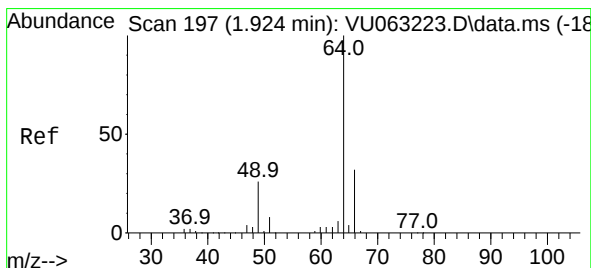
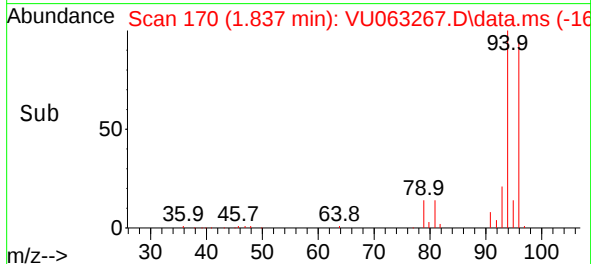
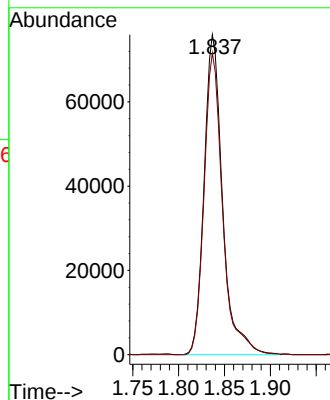
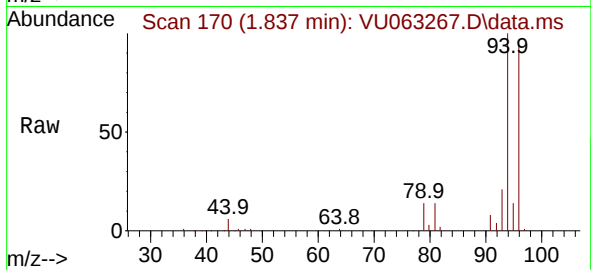




#5
Bromomethane
Concen: 11.348 ug/l
RT: 1.837 min Scan# 1
Delta R.T. -0.006 min
Lab File: VU063267.D
Acq: 13 Feb 2025 18:44

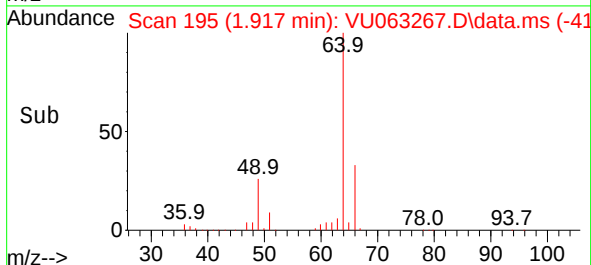
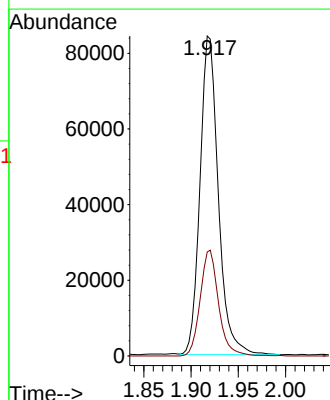
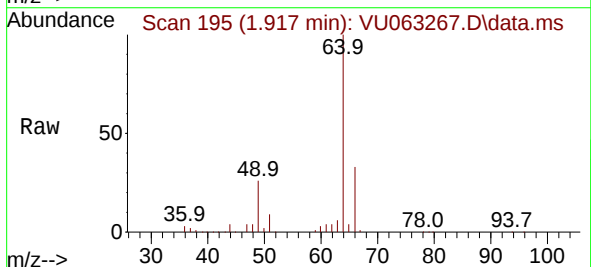
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MSVOA_U
ClientSampleId :

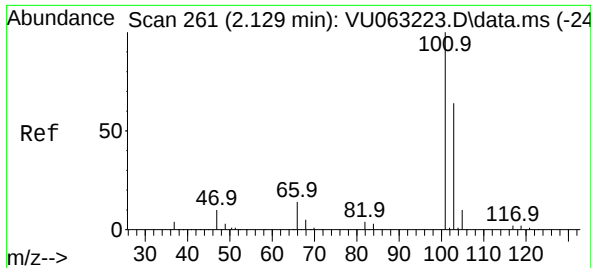
Tgt Ion: 94 Resp: 106309
Ion Ratio Lower Upper
94 100
96 94.3 75.7 113.5



#6
Chloroethane
Concen: 9.396 ug/l
RT: 1.917 min Scan# 195
Delta R.T. -0.006 min
Lab File: VU063267.D
Acq: 13 Feb 2025 18:44

Tgt Ion: 64 Resp: 113470
Ion Ratio Lower Upper
64 100
66 32.6 25.8 38.8

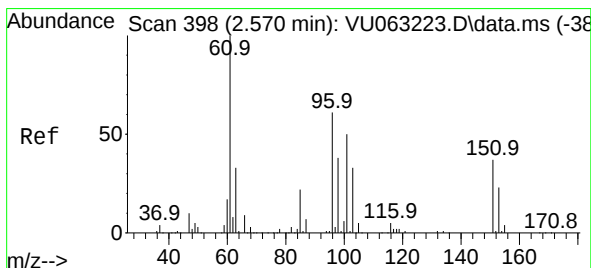
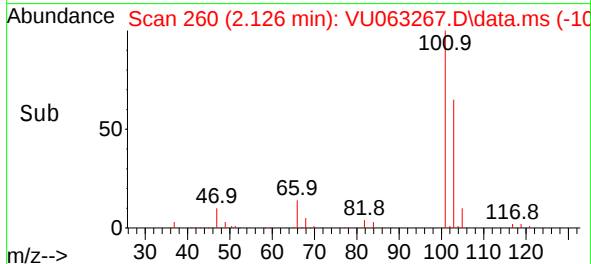
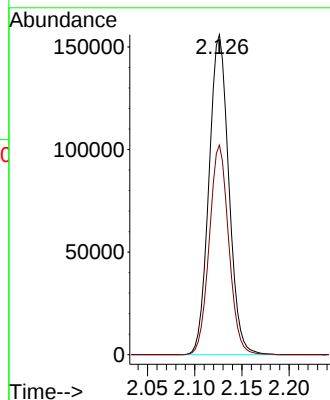
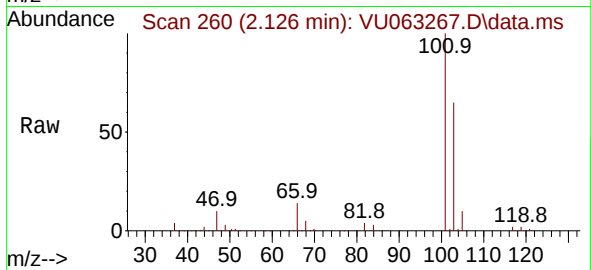




#7
 Trichlorofluoromethane
 Concen: 10.023 ug/l
 RT: 2.126 min Scan# 2
 Delta R.T. -0.003 min
 Lab File: VU063267.D
 Acq: 13 Feb 2025 18:44

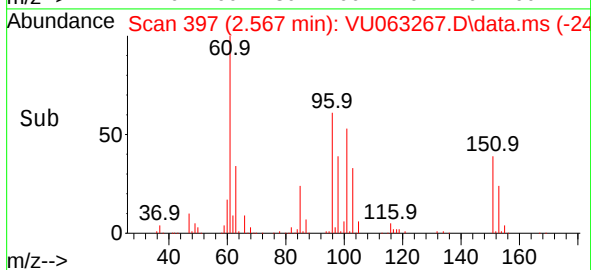
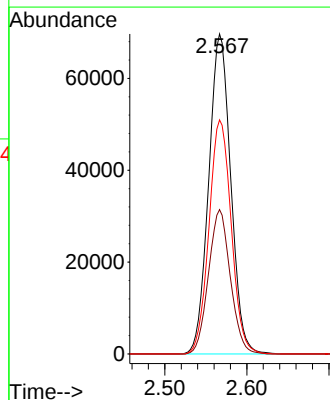
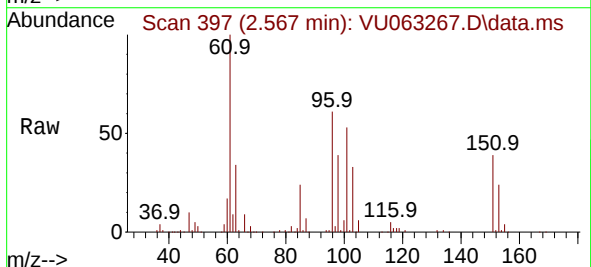
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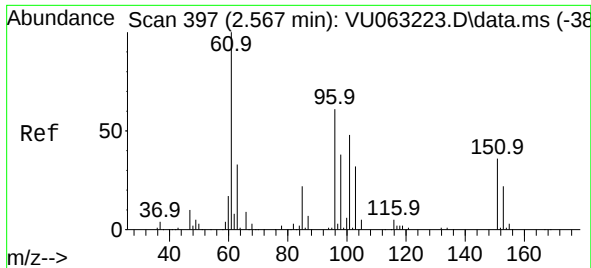
Tgt Ion:101 Resp: 227706
 Ion Ratio Lower Upper
 101 100
 103 65.5 51.4 77.2



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.107 ug/l
 RT: 2.567 min Scan# 397
 Delta R.T. -0.003 min
 Lab File: VU063267.D
 Acq: 13 Feb 2025 18:44

Tgt Ion:101 Resp: 130332
 Ion Ratio Lower Upper
 101 100
 85 44.7 35.4 53.0
 151 74.0 58.5 87.7

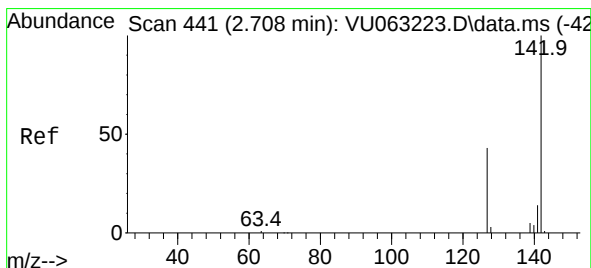
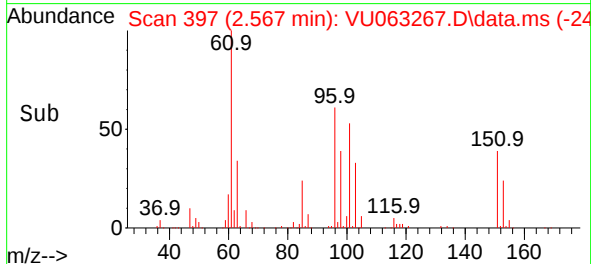
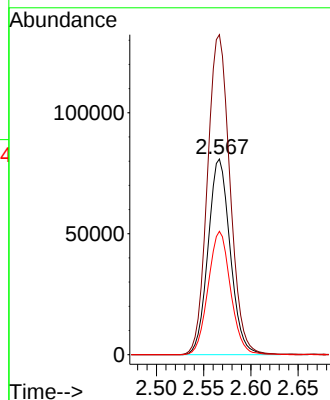
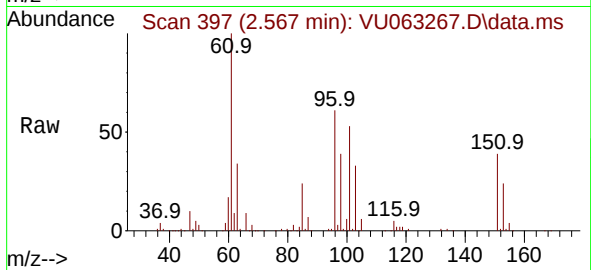




#9
1,1-Dichloroethene
Concen: 10.040 ug/l
RT: 2.567 min Scan# 397
Delta R.T. 0.000 min
Lab File: VU063267.D
Acq: 13 Feb 2025 18:44

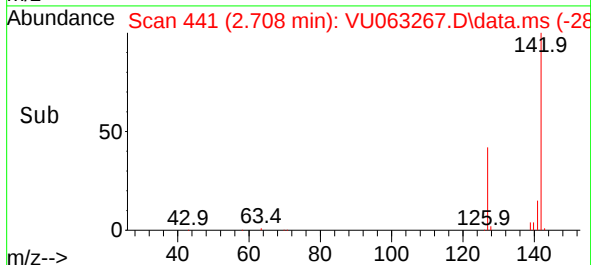
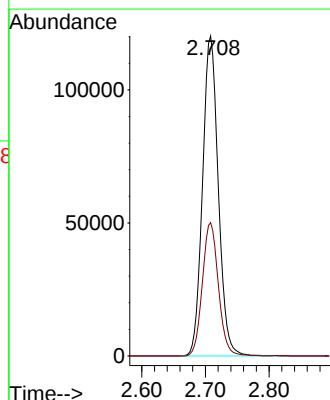
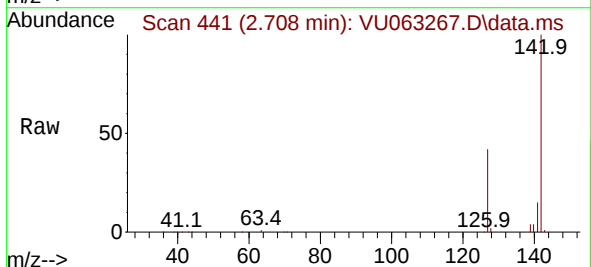
Instrument :
MSVOA_U
ClientSampleId :

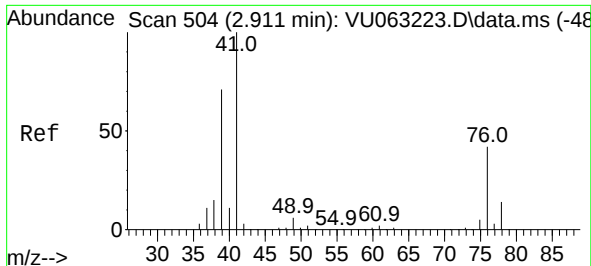
Tgt Ion: 96 Resp: 131915
Ion Ratio Lower Upper
96 100
61 163.5 0.0 492.9
98 63.1 0.0 124.0



#10
Iodomethane
Concen: 10.012 ug/l
RT: 2.708 min Scan# 441
Delta R.T. 0.000 min
Lab File: VU063267.D
Acq: 13 Feb 2025 18:44

Tgt Ion:142 Resp: 206806
Ion Ratio Lower Upper
142 100
127 42.4 34.5 51.7

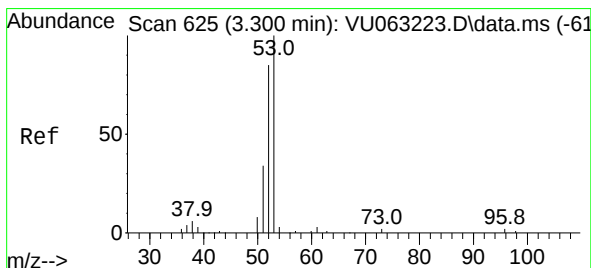
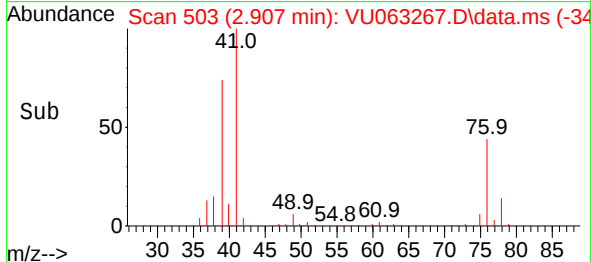
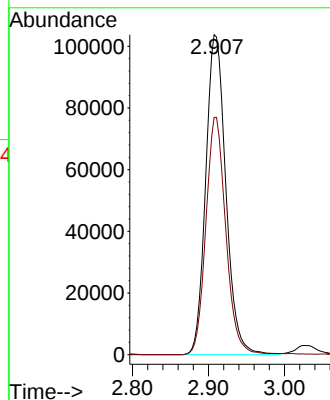
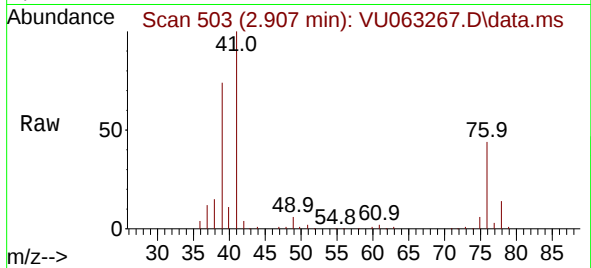




#11
 Allyl Chloride
 Concen: 10.103 ug/l
 RT: 2.907 min Scan# 504
 Delta R.T. -0.003 min
 Lab File: VU063267.D
 Acq: 13 Feb 2025 18:44

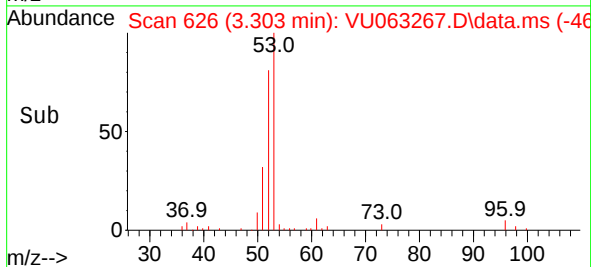
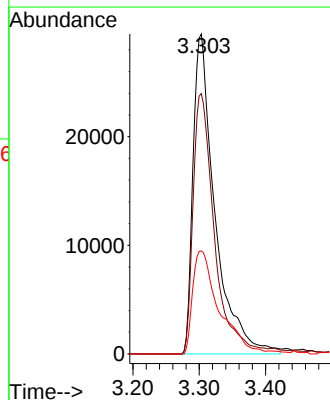
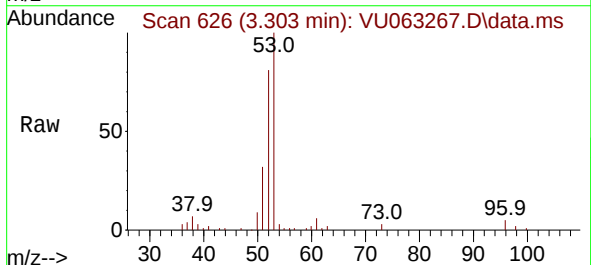
Instrument :
 MSVOA_U
 ClientSampleId :

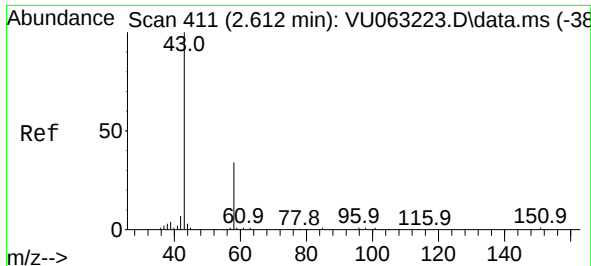
Tgt Ion: 41 Resp: 190698
 Ion Ratio Lower Upper
 41 100
 39 73.5 57.9 86.9



#12
 Acrylonitrile
 Concen: 22.274 ug/l
 RT: 3.303 min Scan# 626
 Delta R.T. 0.003 min
 Lab File: VU063267.D
 Acq: 13 Feb 2025 18:44

Tgt Ion: 53 Resp: 67502
 Ion Ratio Lower Upper
 53 100
 52 79.1 64.2 96.2
 51 38.7 30.8 46.2





#13

Acetone

Concen: 49.387 ug/l

RT: 2.612 min Scan# 411

Delta R.T. 0.000 min

Lab File: VU063267.D

Acq: 13 Feb 2025 18:44

Instrument :

MSVOA_U

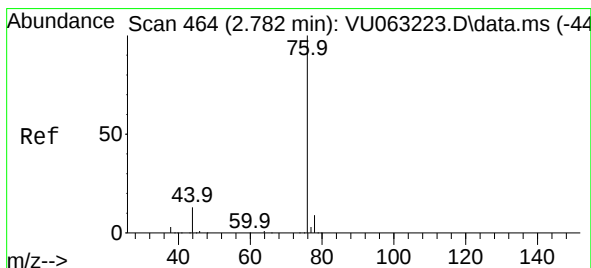
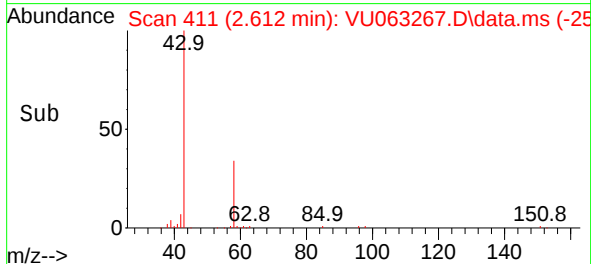
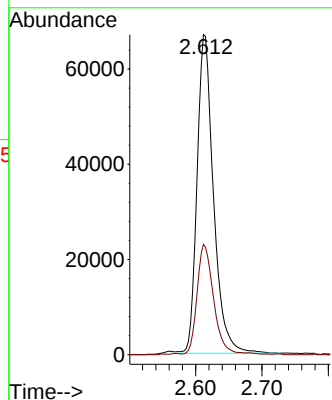
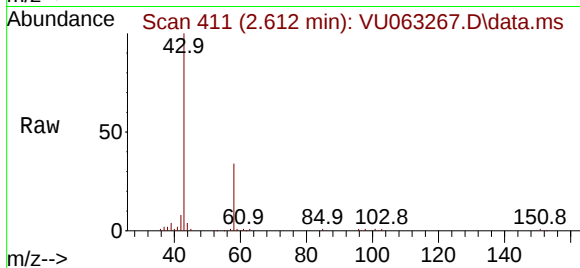
ClientSampleId :

Tgt Ion: 43 Resp: 115085

Ion Ratio Lower Upper

43 100

58 34.3 27.4 41.0



#14

Carbon Disulfide

Concen: 9.453 ug/l

RT: 2.779 min Scan# 463

Delta R.T. -0.003 min

Lab File: VU063267.D

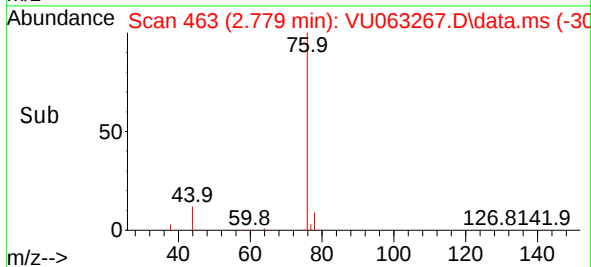
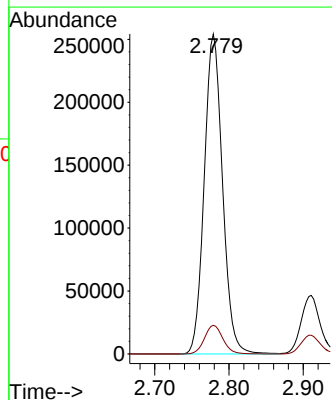
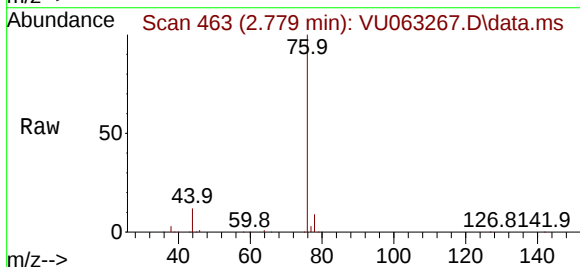
Acq: 13 Feb 2025 18:44

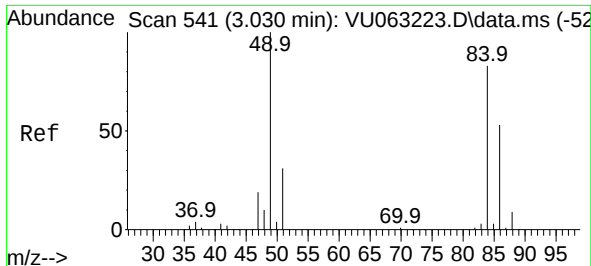
Tgt Ion: 76 Resp: 434279

Ion Ratio Lower Upper

76 100

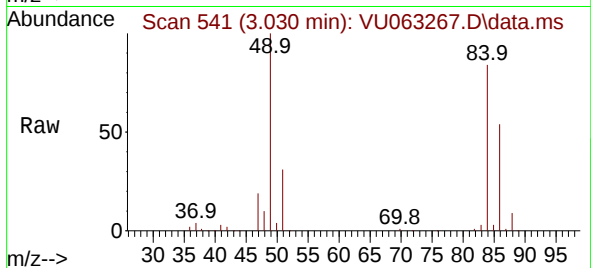
78 9.0 7.2 10.8



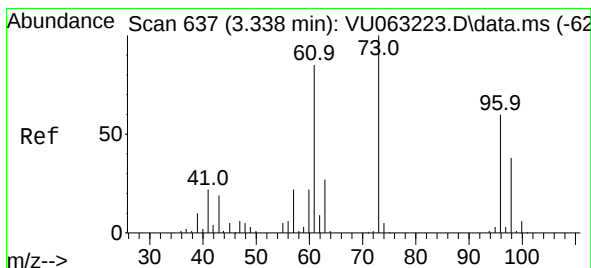
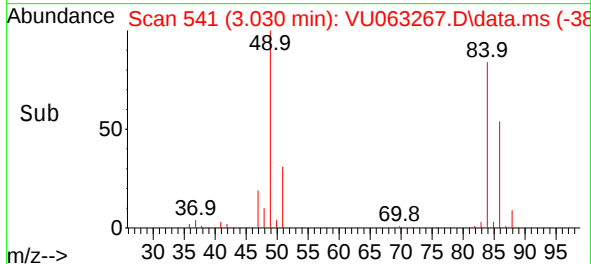
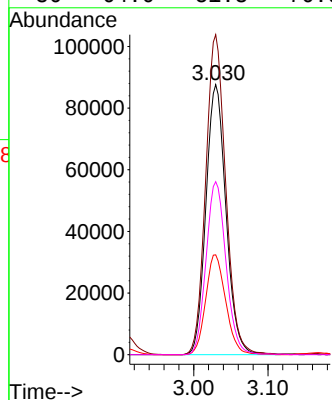


#15
Methylene Chloride
Concen: 10.132 ug/l
RT: 3.030 min Scan# 541
Delta R.T. 0.000 min
Lab File: VU063267.D
Acq: 13 Feb 2025 18:44

Instrument :
MSVOA_U
ClientSampleId :

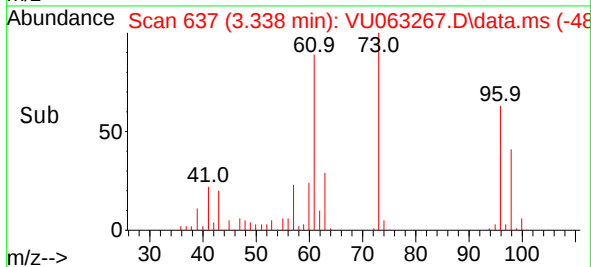
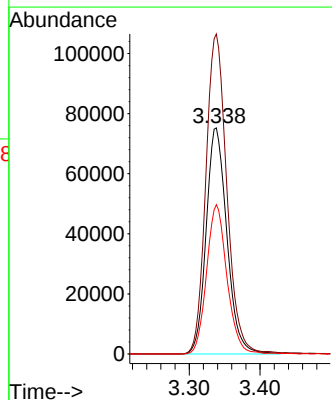
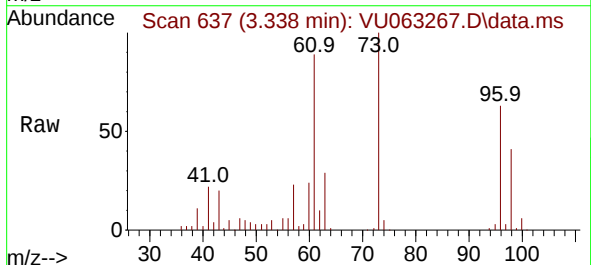


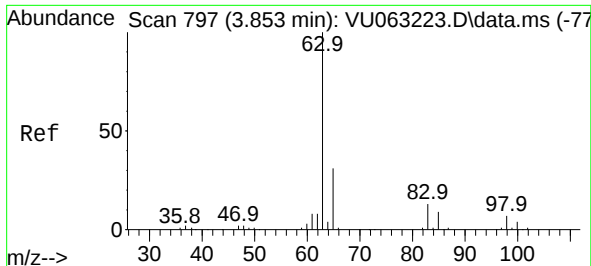
Tgt Ion:	84	Resp:	164468
Ion	Ratio	Lower	Upper
84	100		
49	118.5	96.4	144.6
51	37.0	0.0	74.8
86	64.0	51.3	76.9



#16
trans-1,2-Dichloroethene
Concen: 10.201 ug/l
RT: 3.338 min Scan# 637
Delta R.T. 0.000 min
Lab File: VU063267.D
Acq: 13 Feb 2025 18:44

Tgt Ion:	96	Resp:	152974
Ion	Ratio	Lower	Upper
96	100		
61	141.6	113.4	170.2
98	66.0	51.2	76.8

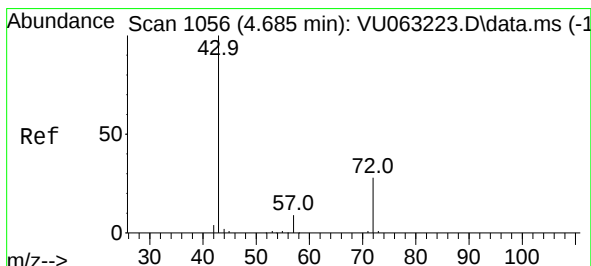
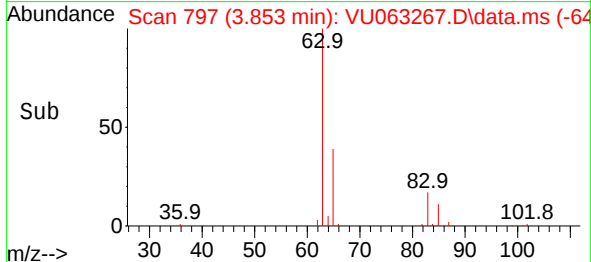
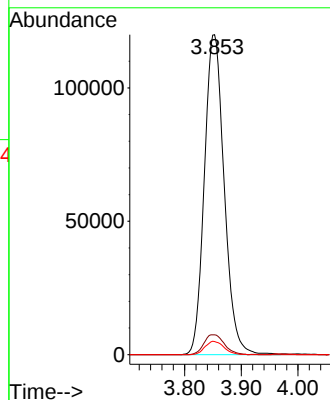
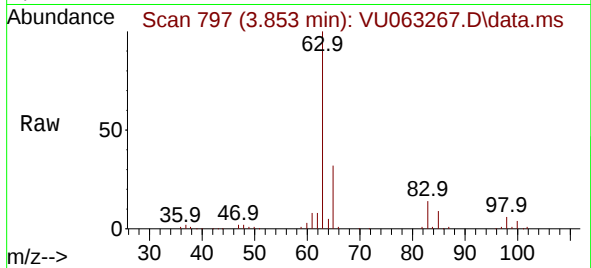




#17
1,1-Dichloroethane
Concen: 10.336 ug/l
RT: 3.853 min Scan# 797
Delta R.T. 0.000 min
Lab File: VU063267.D
Acq: 13 Feb 2025 18:44

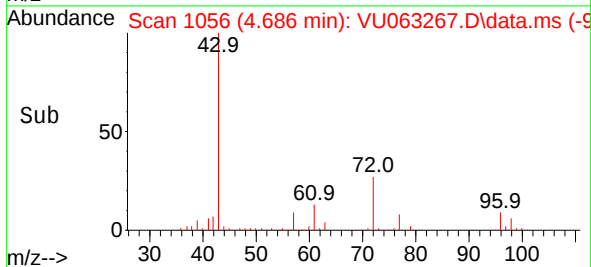
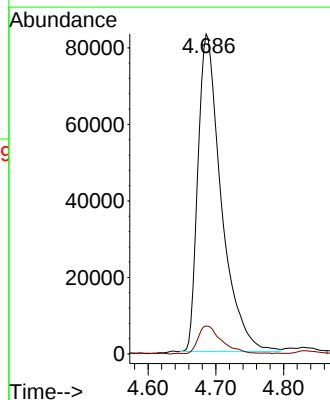
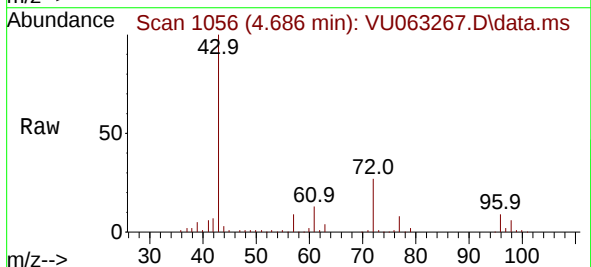
Instrument :
MSVOA_U
ClientSampleId :

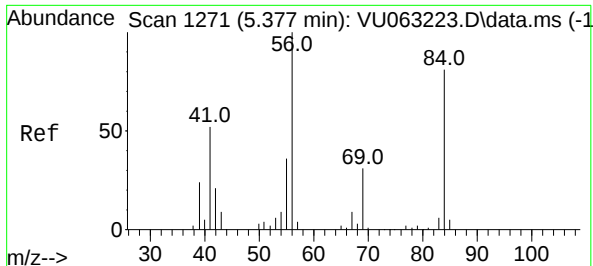
Tgt Ion: 63 Resp: 292141
Ion Ratio Lower Upper
63 100
98 6.2 3.3 9.9
100 4.1 2.1 6.2



#18
2-Butanone
Concen: 53.564 ug/l
RT: 4.686 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VU063267.D
Acq: 13 Feb 2025 18:44

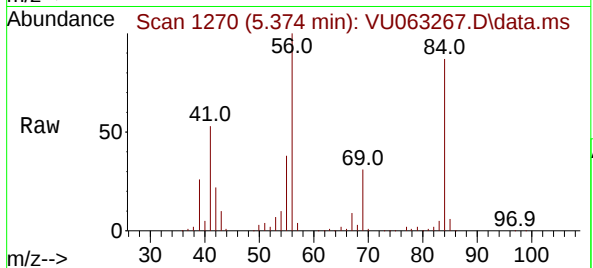
Tgt Ion: 43 Resp: 198650
Ion Ratio Lower Upper
43 100
57 8.6 0.0 17.0



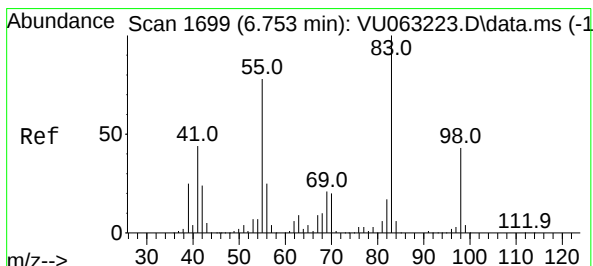
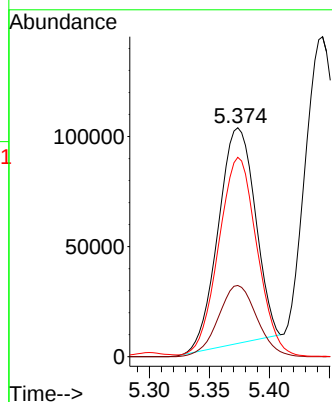
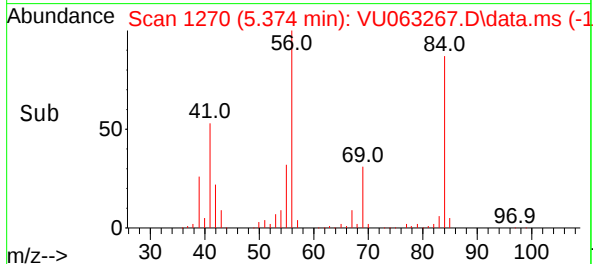


#19
Cyclohexane
Concen: 9.262 ug/l
RT: 5.374 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU063267.D
Acq: 13 Feb 2025 18:44

Instrument :
MSVOA_U
ClientSampleId :

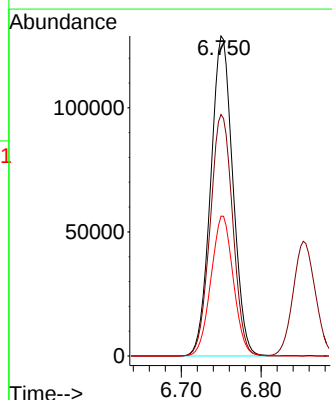
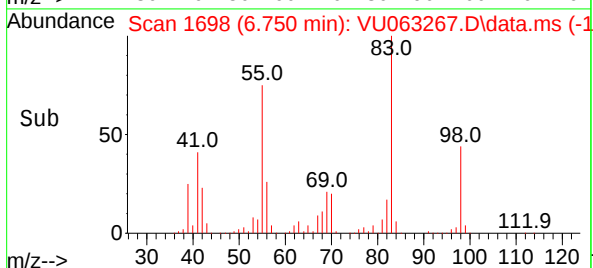
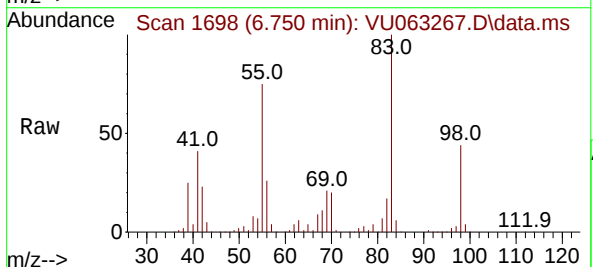


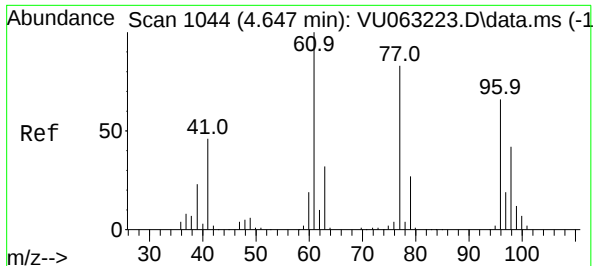
Tgt Ion: 56 Resp: 210374
Ion Ratio Lower Upper
56 100
69 34.5 24.5 36.7
84 95.0 65.2 97.8



#20
Methylcyclohexane
Concen: 11.027 ug/l
RT: 6.750 min Scan# 1698
Delta R.T. -0.003 min
Lab File: VU063267.D
Acq: 13 Feb 2025 18:44

Tgt Ion: 83 Resp: 248350
Ion Ratio Lower Upper
83 100
55 76.4 63.1 94.7
98 44.1 35.2 52.8

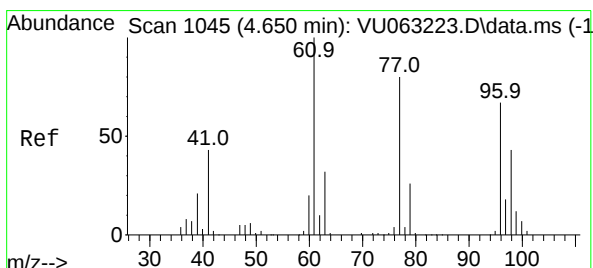
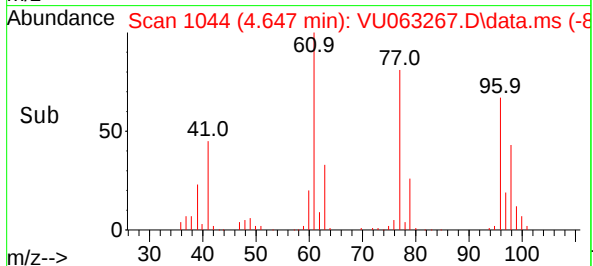
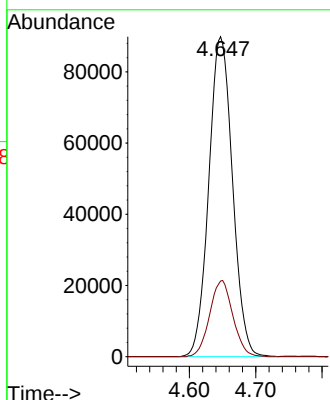
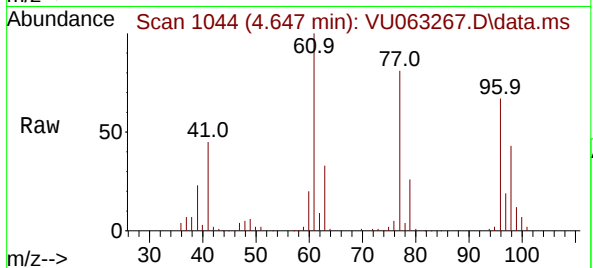




#21
2,2-Dichloropropane
Concen: 10.120 ug/l
RT: 4.647 min Scan# 1044
Delta R.T. 0.000 min
Lab File: VU063267.D
Acq: 13 Feb 2025 18:44

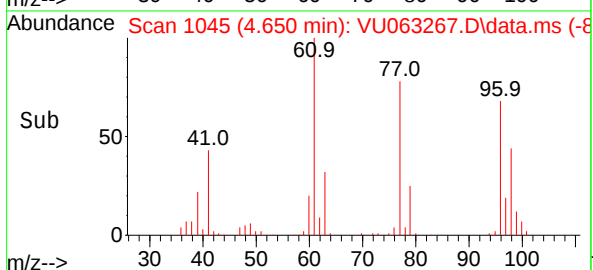
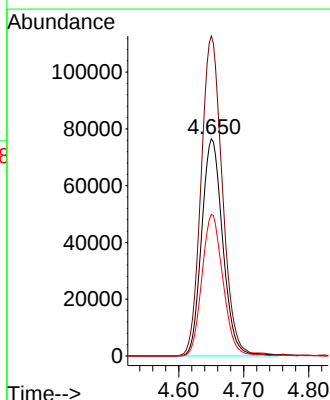
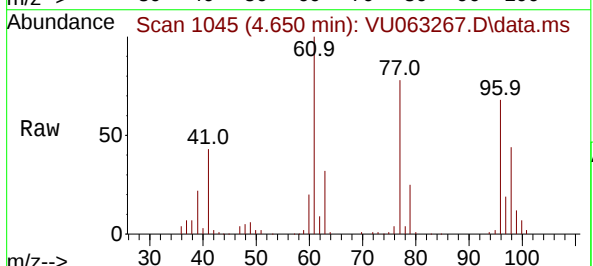
Instrument :
MSVOA_U
ClientSampleId :

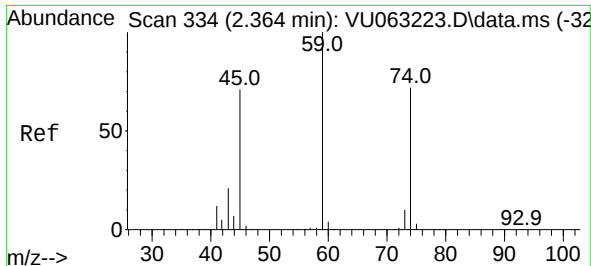
Tgt Ion: 77 Resp: 223156
Ion Ratio Lower Upper
77 100
97 23.4 18.5 27.7



#22
cis-1,2-Dichloroethene
Concen: 10.678 ug/l
RT: 4.650 min Scan# 1045
Delta R.T. 0.000 min
Lab File: VU063267.D
Acq: 13 Feb 2025 18:44

Tgt Ion: 96 Resp: 173010
Ion Ratio Lower Upper
96 100
61 148.6 0.0 373.3
98 64.5 31.9 95.9

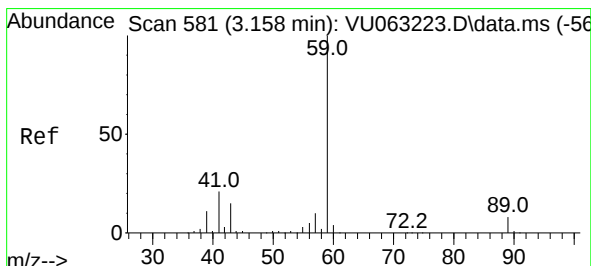
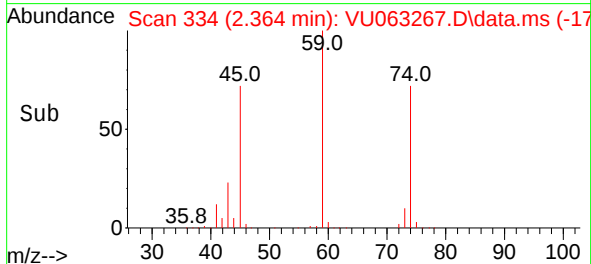
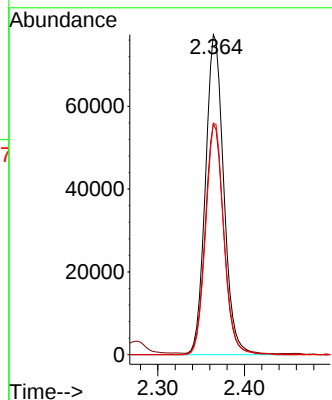
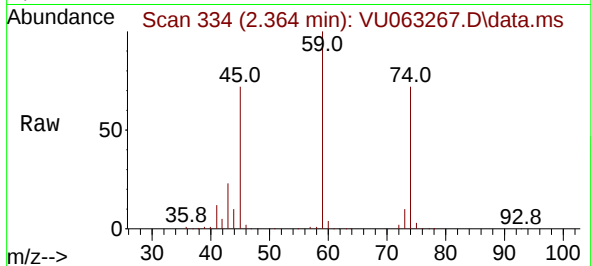




#23
Diethyl Ether
Concen: 10.051 ug/l
RT: 2.364 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU063267.D
Acq: 13 Feb 2025 18:44

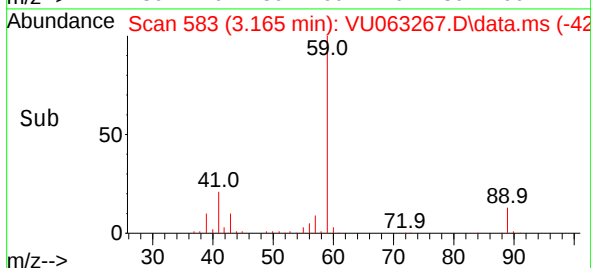
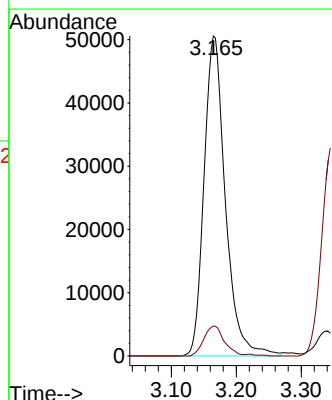
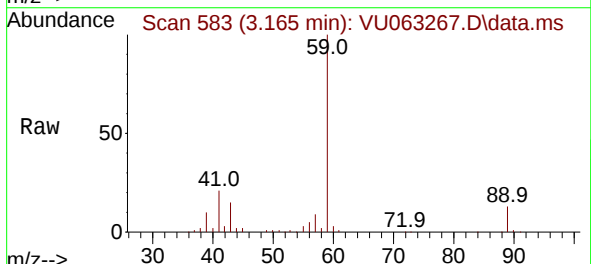
Instrument :
MSVOA_U
ClientSampleId :

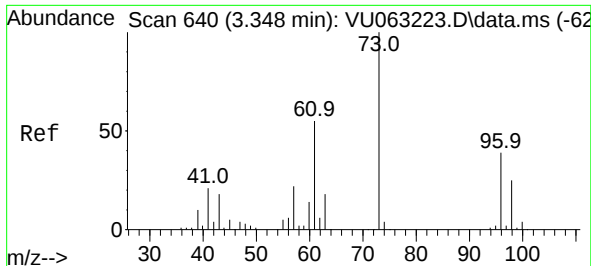
Tgt Ion: 59 Resp: 113316
Ion Ratio Lower Upper
59 100
45 72.0 57.8 86.6
74 72.4 57.7 86.5



#24
tert-Butyl Alcohol
Concen: 100.306 ug/l
RT: 3.165 min Scan# 583
Delta R.T. 0.006 min
Lab File: VU063267.D
Acq: 13 Feb 2025 18:44

Tgt Ion: 59 Resp: 115455
Ion Ratio Lower Upper
59 100
57 8.9 7.5 11.3





#25

Methyl tert-Butyl Ether

Concen: 10.864 ug/l

RT: 3.348 min Scan# 640

Delta R.T. 0.000 min

Lab File: VU063267.D

Acq: 13 Feb 2025 18:44

Instrument :

MSVOA_U

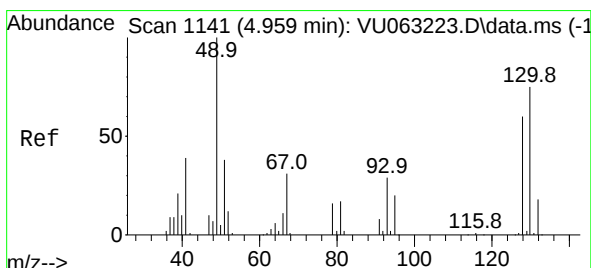
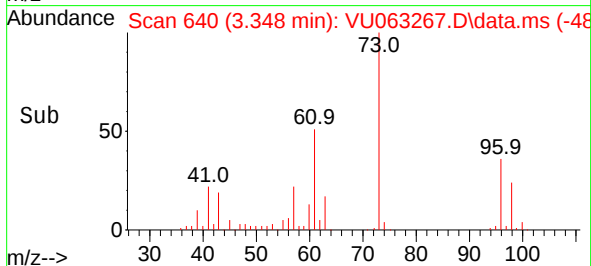
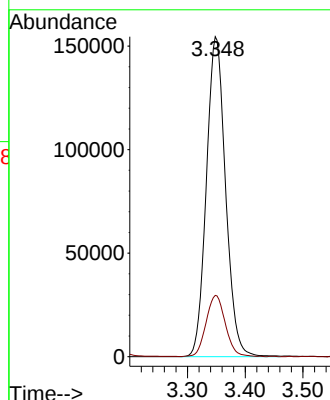
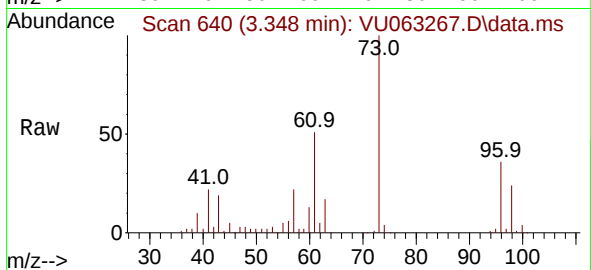
ClientSampleId :

Tgt Ion: 73 Resp: 356516

Ion Ratio Lower Upper

73 100

43 19.3 14.9 22.3



#26

Bromochloromethane

Concen: 10.460 ug/l

RT: 4.956 min Scan# 1140

Delta R.T. -0.003 min

Lab File: VU063267.D

Acq: 13 Feb 2025 18:44

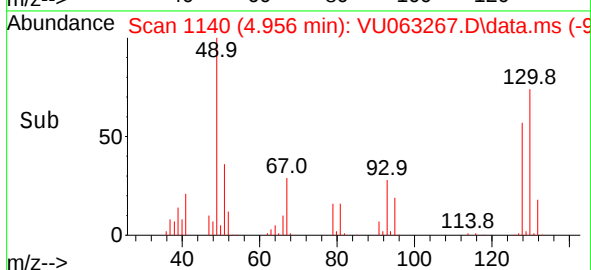
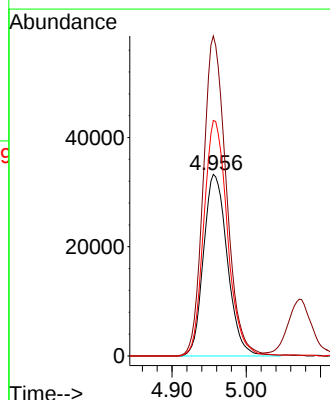
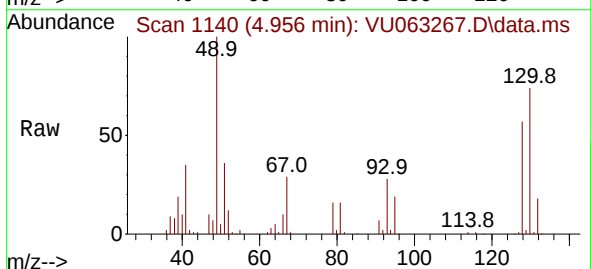
Tgt Ion: 128 Resp: 74079

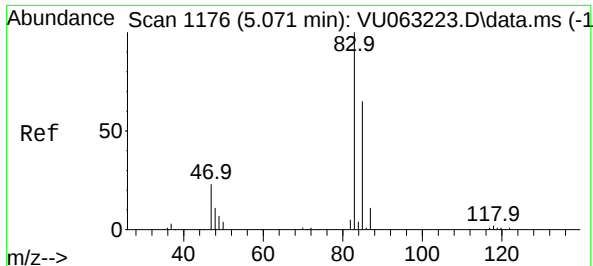
Ion Ratio Lower Upper

128 100

49 170.0 0.0 343.4

130 128.9 102.9 154.3





#27

Chloroform

Concen: 10.358 ug/l

RT: 5.071 min Scan# 1176

Delta R.T. 0.000 min

Lab File: VU063267.D

Acq: 13 Feb 2025 18:44

Instrument :

MSVOA_U

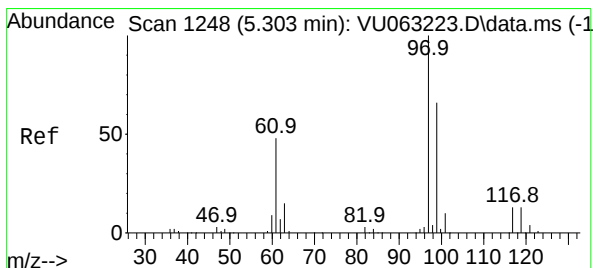
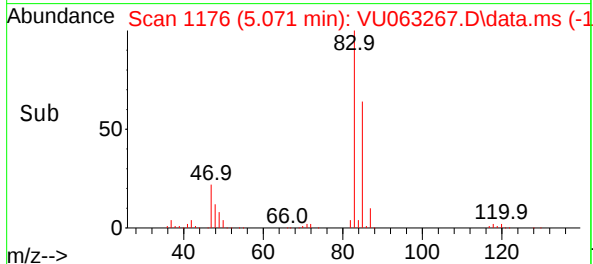
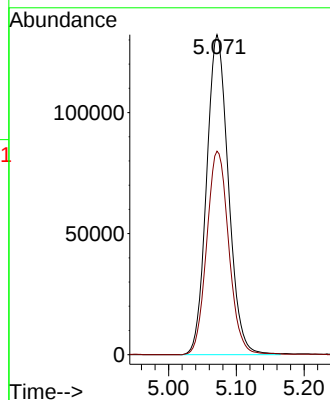
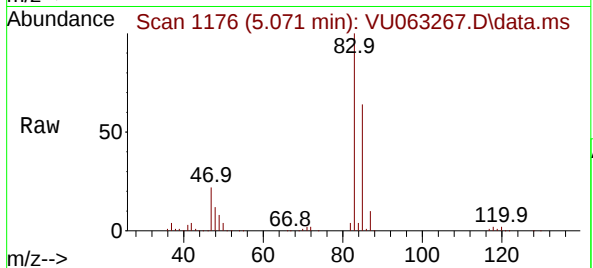
ClientSampleId :

Tgt Ion: 83 Resp: 295467

Ion Ratio Lower Upper

83 100

85 63.6 0.0 129.8



#28

1,1,1-Trichloroethane

Concen: 10.415 ug/l

RT: 5.300 min Scan# 1247

Delta R.T. -0.003 min

Lab File: VU063267.D

Acq: 13 Feb 2025 18:44

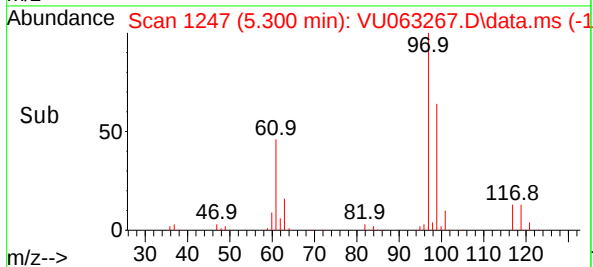
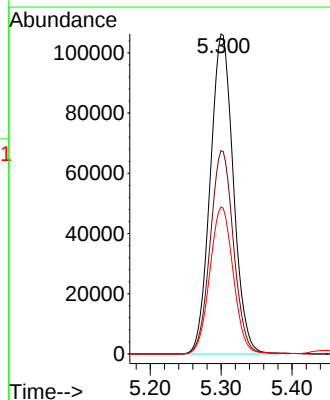
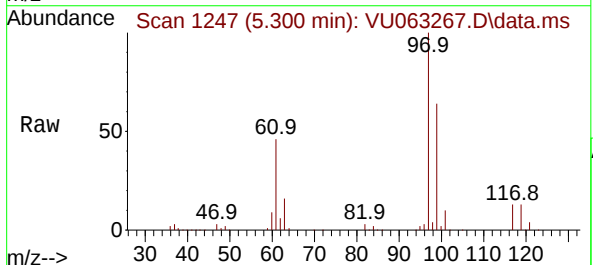
Tgt Ion: 97 Resp: 240646

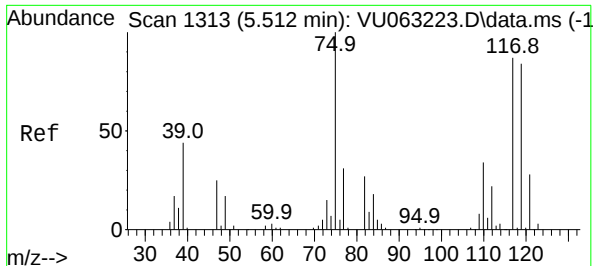
Ion Ratio Lower Upper

97 100

99 64.1 32.4 97.0

61 46.8 23.8 71.2

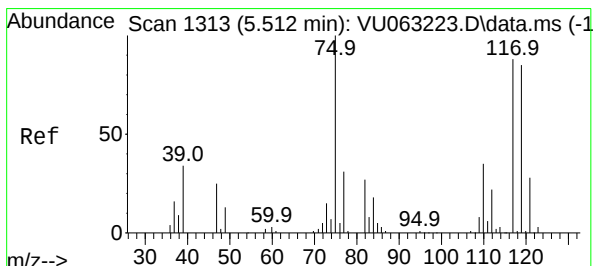
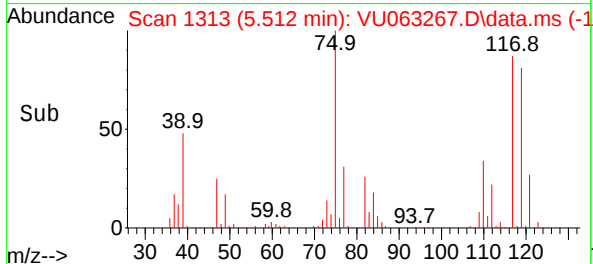
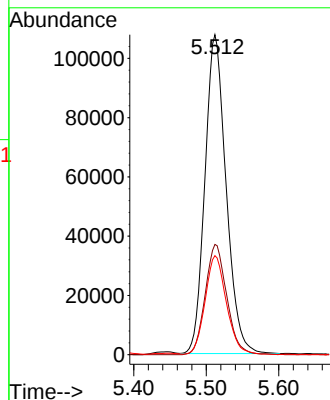
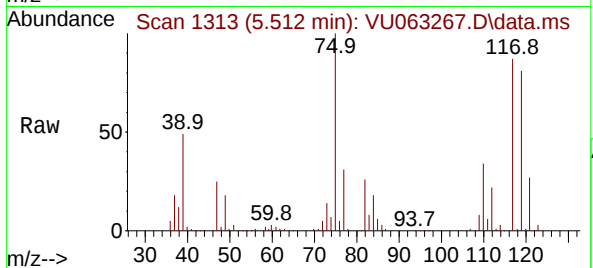




#29
1,1-Dichloropropene
Concen: 10.541 ug/l
RT: 5.512 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VU063267.D
Acq: 13 Feb 2025 18:44

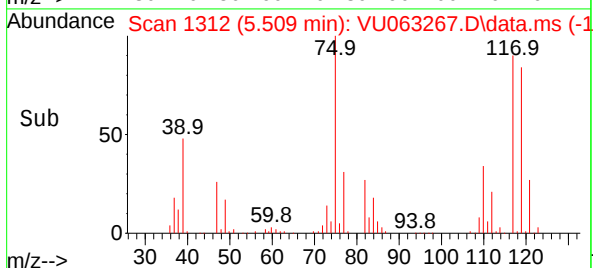
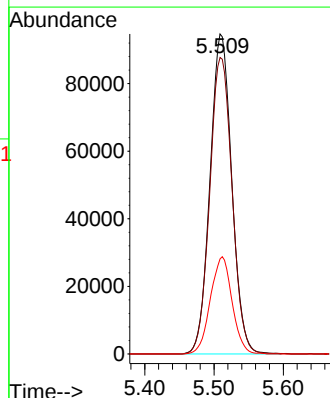
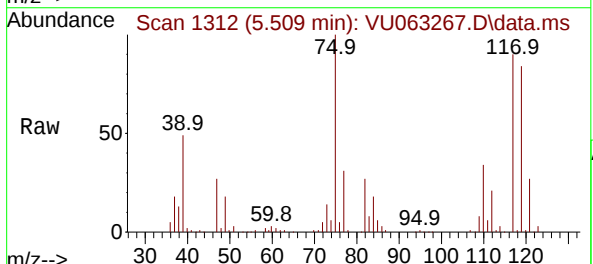
Instrument :
MSVOA_U
ClientSampleId :

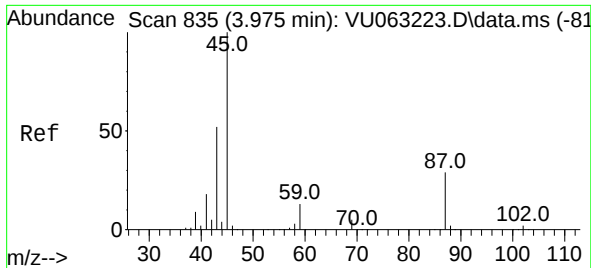
Tgt Ion: 75 Resp: 218161
Ion Ratio Lower Upper
75 100
110 35.2 17.2 51.5
77 31.5 24.6 37.0



#30
Carbon Tetrachloride
Concen: 10.415 ug/l
RT: 5.509 min Scan# 1312
Delta R.T. -0.003 min
Lab File: VU063267.D
Acq: 13 Feb 2025 18:44

Tgt Ion: 117 Resp: 206386
Ion Ratio Lower Upper
117 100
119 92.6 76.7 115.1
121 29.7 25.5 38.3

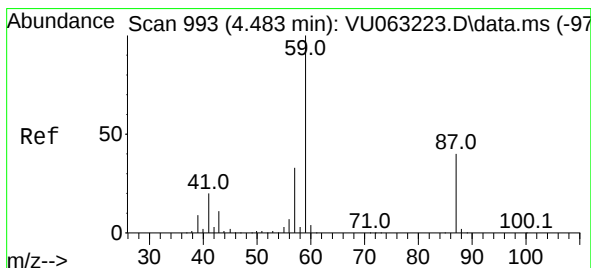
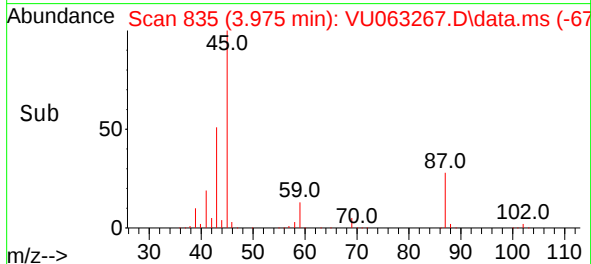
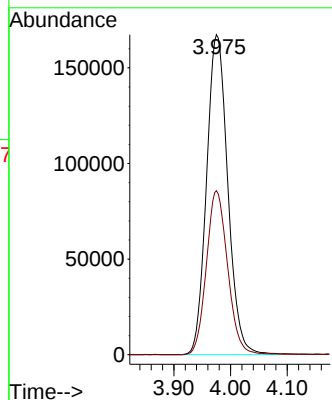
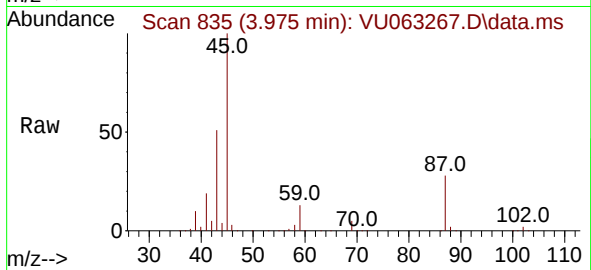




#31
Isopropyl Ether
Concen: 10.799 ug/l
RT: 3.975 min Scan# 835
Delta R.T. 0.000 min
Lab File: VU063267.D
Acq: 13 Feb 2025 18:44

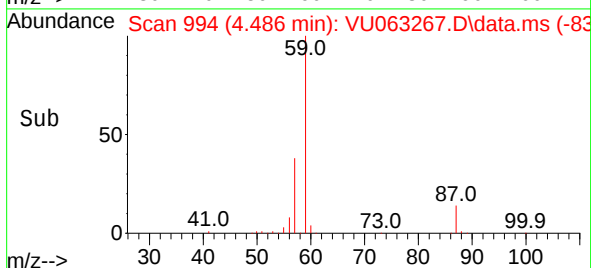
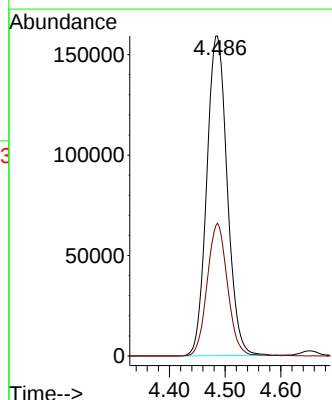
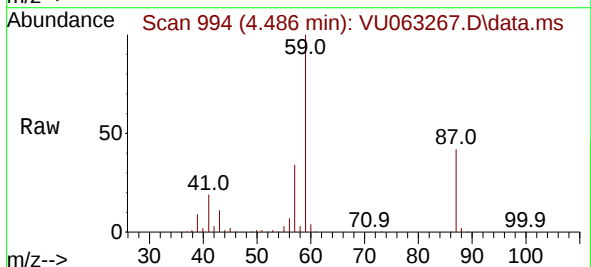
Instrument :
MSVOA_U
ClientSampleId :

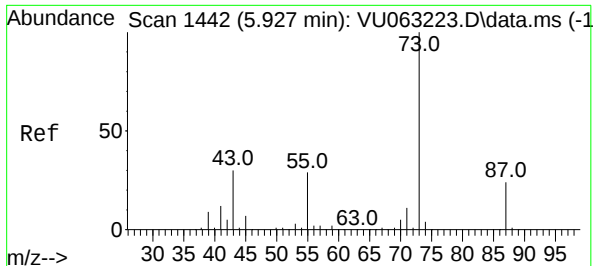
Tgt Ion: 45 Resp: 435795
Ion Ratio Lower Upper
45 100
43 51.4 25.7 77.1



#32
Ethyl-t-butyl ether
Concen: 11.086 ug/l
RT: 4.486 min Scan# 994
Delta R.T. 0.003 min
Lab File: VU063267.D
Acq: 13 Feb 2025 18:44

Tgt Ion: 59 Resp: 406827
Ion Ratio Lower Upper
59 100
87 40.7 32.6 49.0





#33

Tert-Amyl methyl ether

Concen: 11.336 ug/l

RT: 5.927 min Scan# 1442

Delta R.T. 0.000 min

Lab File: VU063267.D

Acq: 13 Feb 2025 18:44

Instrument :

MSVOA_U

ClientSampleId :

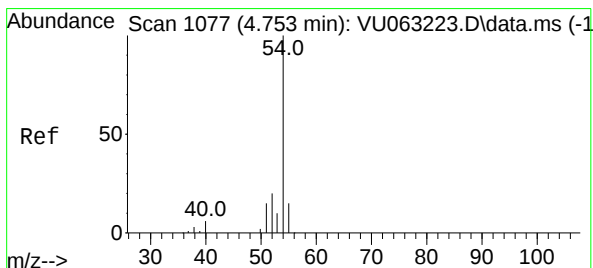
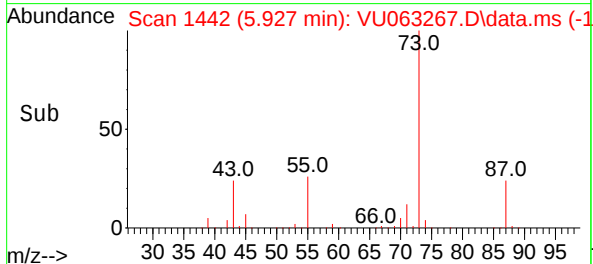
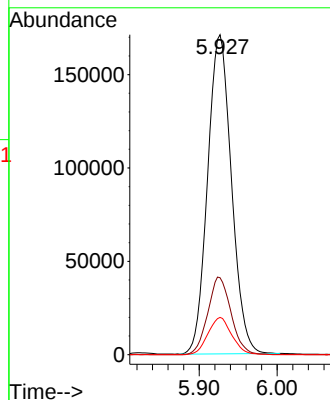
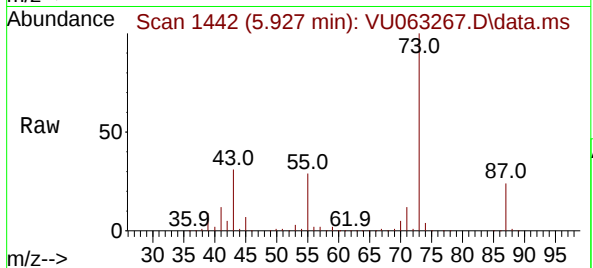
Tgt Ion: 73 Resp: 363481

Ion Ratio Lower Upper

73 100

87 23.6 18.9 28.3

71 11.6 9.0 13.4



#34

Propionitrile

Concen: 56.997 ug/l

RT: 4.756 min Scan# 1078

Delta R.T. 0.003 min

Lab File: VU063267.D

Acq: 13 Feb 2025 18:44

Tgt Ion: 54 Resp: 63755

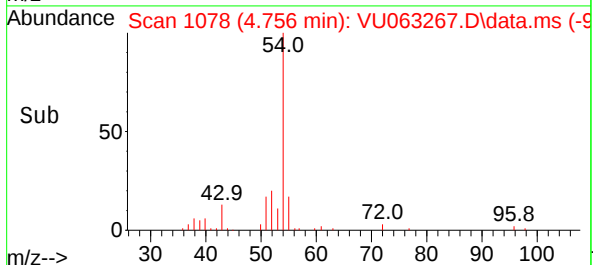
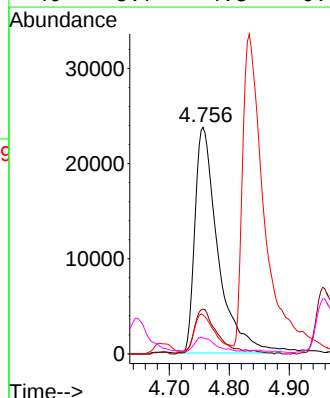
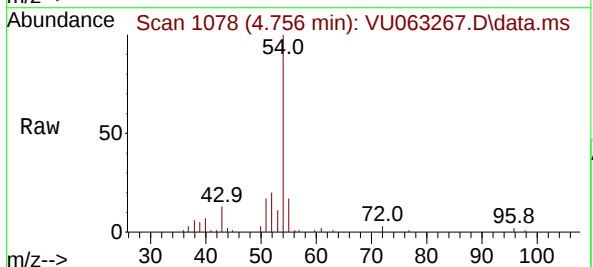
Ion Ratio Lower Upper

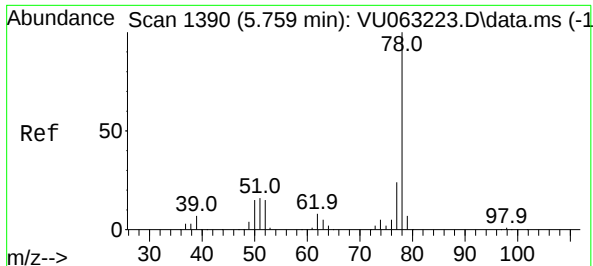
54 100

52 18.1 16.3 24.5

55 15.4 11.8 17.6

40 5.7 4.3 6.5





#35

Benzene

Concen: 10.427 ug/l

RT: 5.759 min Scan# 1390

Delta R.T. 0.000 min

Lab File: VU063267.D

Acq: 13 Feb 2025 18:44

Instrument :

MSVOA_U

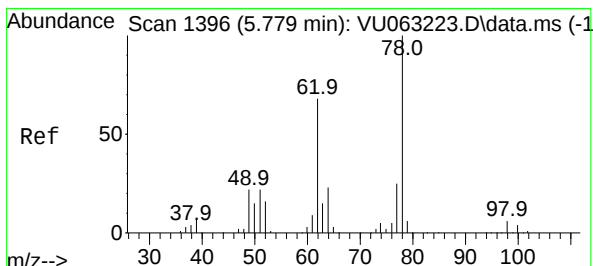
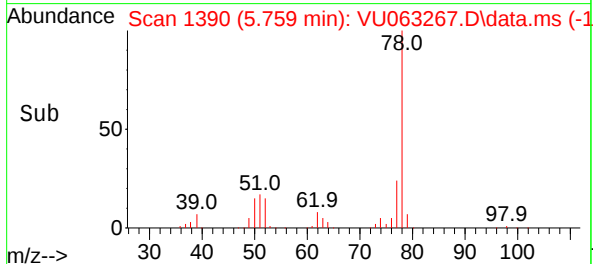
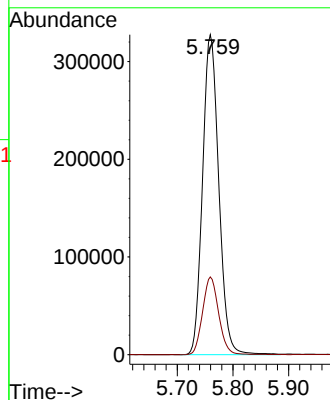
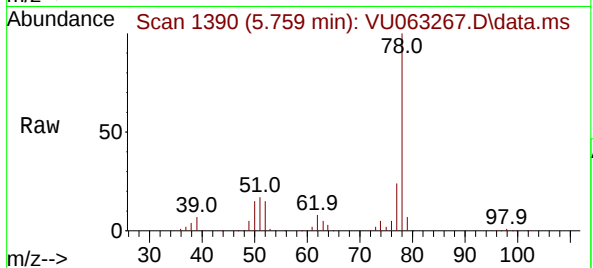
ClientSampleId :

Tgt Ion: 78 Resp: 663518

Ion Ratio Lower Upper

78 100

77 24.3 19.0 28.4



#36

1,2-Dichloroethane

Concen: 10.335 ug/l

RT: 5.779 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VU063267.D

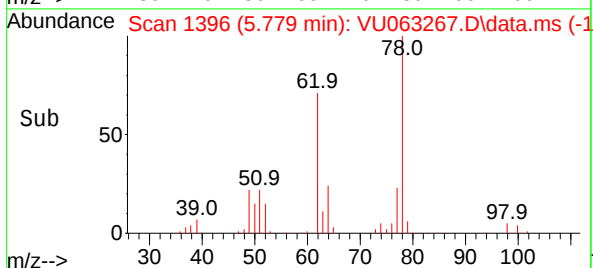
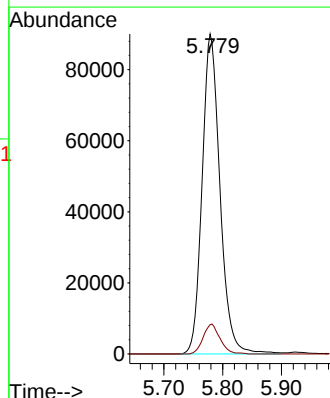
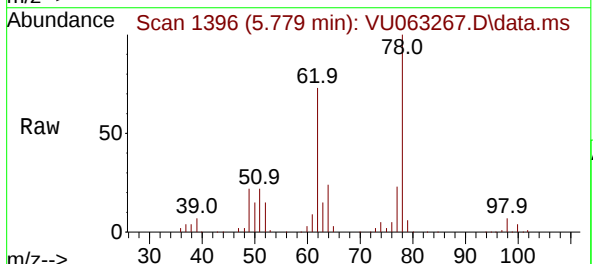
Acq: 13 Feb 2025 18:44

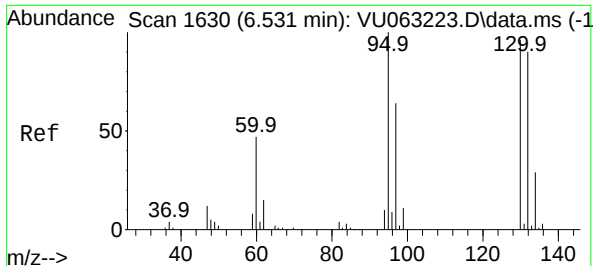
Tgt Ion: 62 Resp: 189813

Ion Ratio Lower Upper

62 100

98 8.8 6.9 10.3

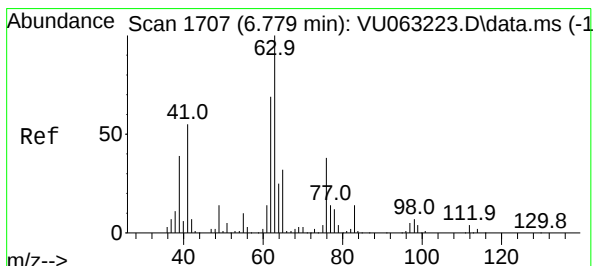
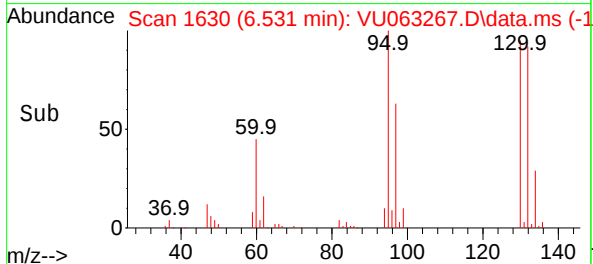
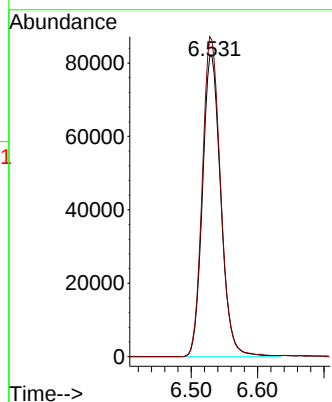
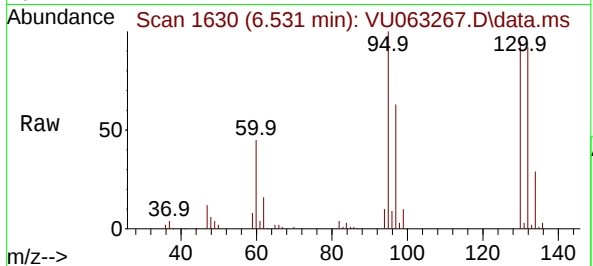




#37
Trichloroethene
Concen: 10.401 ug/l
RT: 6.531 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU063267.D
Acq: 13 Feb 2025 18:44

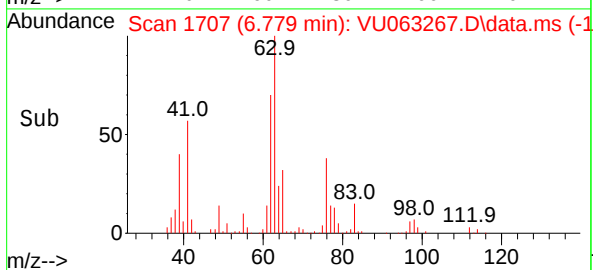
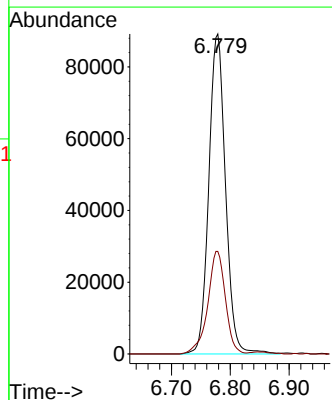
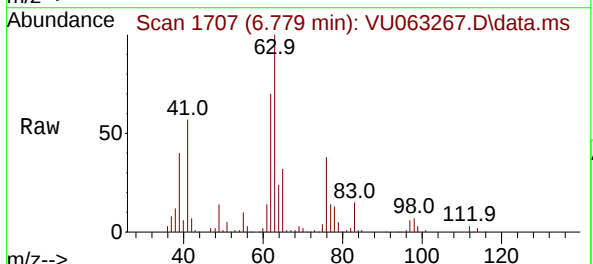
Instrument :
MSVOA_U
ClientSampleId :

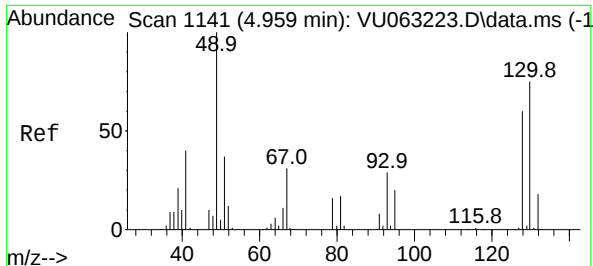
Tgt Ion:130 Resp: 157409
Ion Ratio Lower Upper
130 100
95 105.2 83.2 124.8



#38
1,2-Dichloropropane
Concen: 10.564 ug/l
RT: 6.779 min Scan# 1707
Delta R.T. 0.000 min
Lab File: VU063267.D
Acq: 13 Feb 2025 18:44

Tgt Ion: 63 Resp: 175942
Ion Ratio Lower Upper
63 100
65 32.0 25.3 37.9

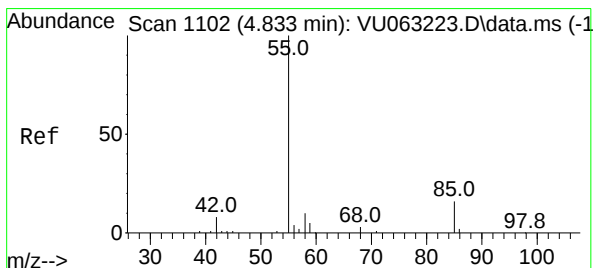
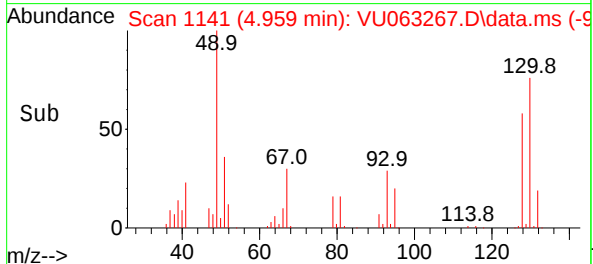
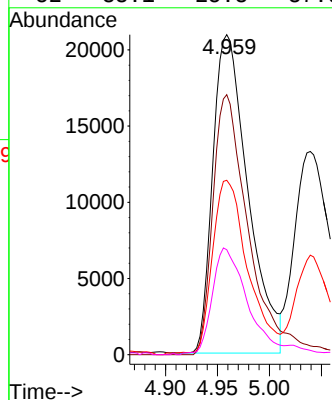
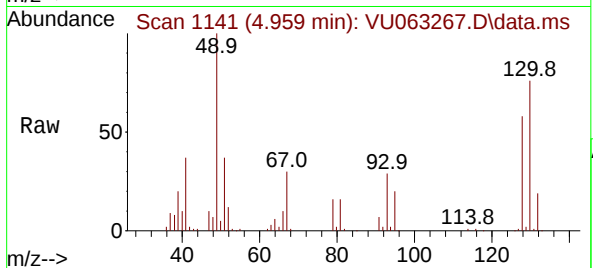




#39
Methacrylonitrile
Concen: 11.795 ug/l
RT: 4.959 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VU063267.D
Acq: 13 Feb 2025 18:44

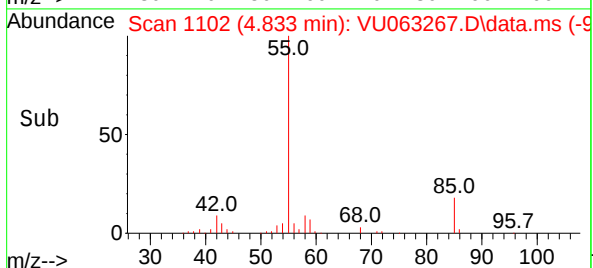
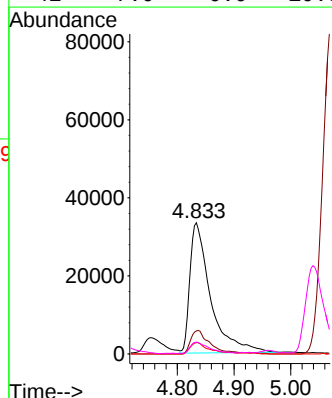
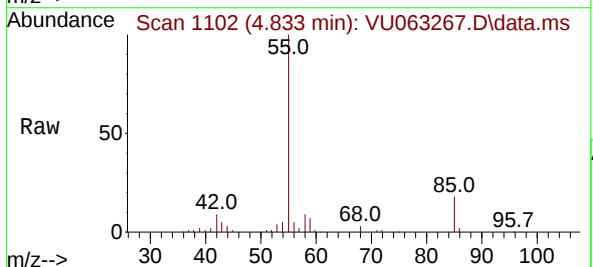
Instrument :
MSVOA_U
ClientSampleId :

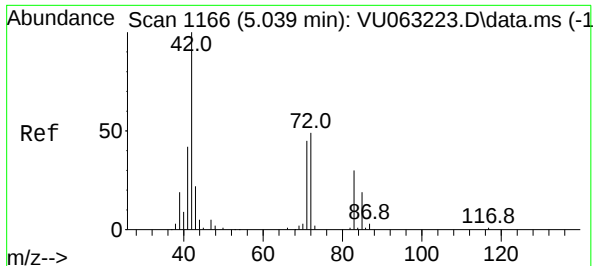
Tgt Ion: 41	Resp: 49168
Ion Ratio	Lower Upper
41 100	
67 84.2	64.5 96.7
39 53.7	43.0 64.6
52 33.1	25.3 37.9



#40
Methyl acrylate
Concen: 11.006 ug/l
RT: 4.833 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VU063267.D
Acq: 13 Feb 2025 18:44

Tgt Ion: 55	Resp: 84554
Ion Ratio	Lower Upper
55 100	
85 16.7	13.3 19.9
58 7.9	7.3 10.9
42 7.9	6.9 10.3





#41

Tetrahydrofuran

Concen: 21.230 ug/l

RT: 5.039 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU063267.D

Acq: 13 Feb 2025 18:44

Instrument :

MSVOA_U

ClientSampleId :

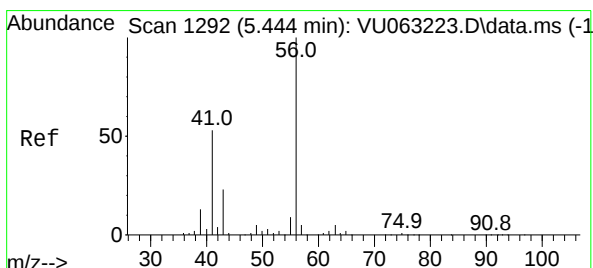
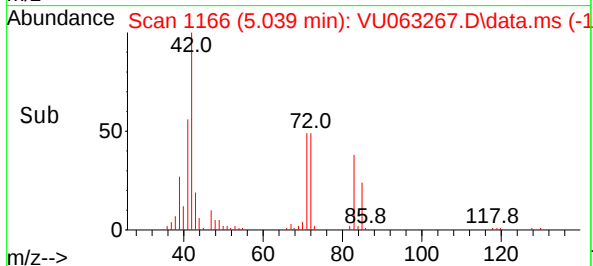
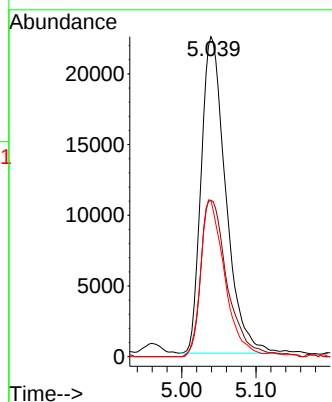
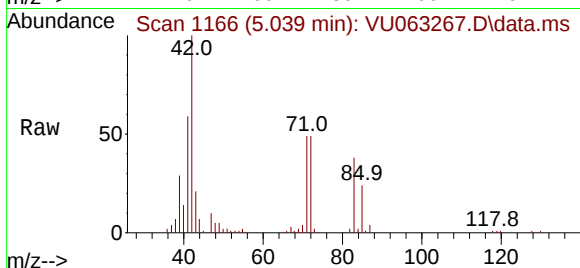
Tgt Ion: 42 Resp: 51472

Ion Ratio Lower Upper

42 100

72 53.5 41.5 62.3

71 48.3 37.2 55.8



#42

1-Chlorobutane

Concen: 10.686 ug/l

RT: 5.444 min Scan# 1292

Delta R.T. 0.000 min

Lab File: VU063267.D

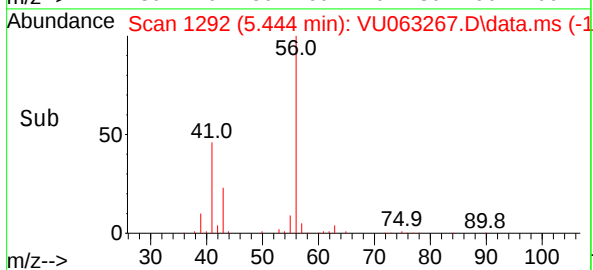
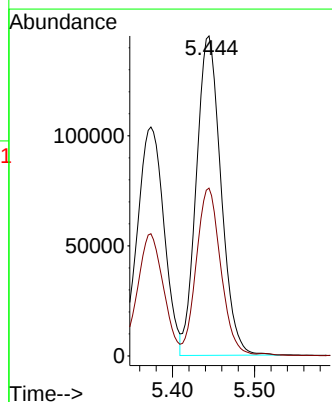
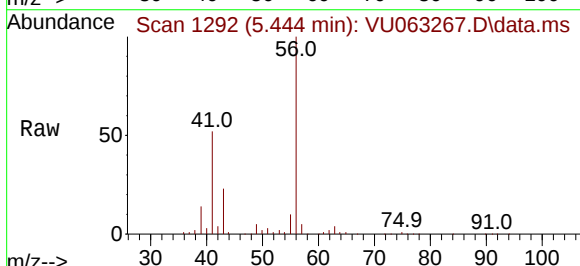
Acq: 13 Feb 2025 18:44

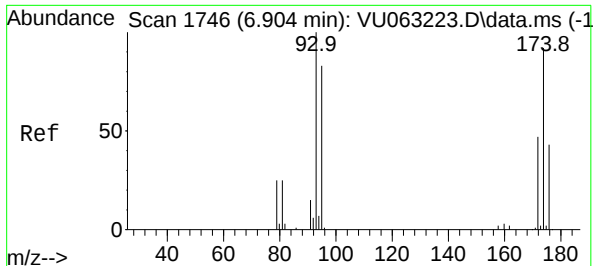
Tgt Ion: 56 Resp: 302601

Ion Ratio Lower Upper

56 100

41 51.1 26.3 78.8





#43

Dibromomethane

Concen: 10.566 ug/l

RT: 6.904 min Scan# 1

Delta R.T. 0.000 min

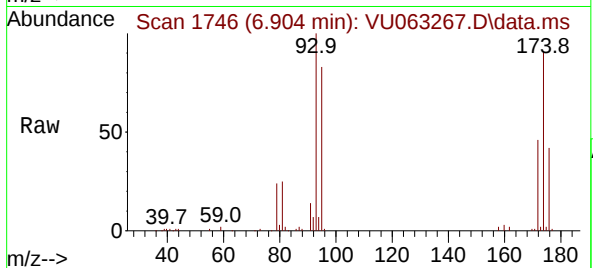
Lab File: VU063267.D

Acq: 13 Feb 2025 18:44

Instrument :

MSVOA_U

ClientSampleId :



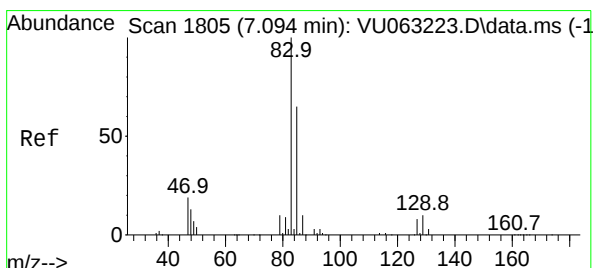
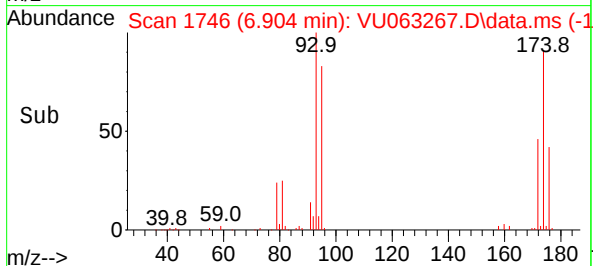
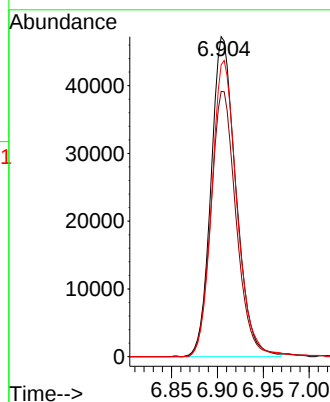
Tgt Ion: 93 Resp: 89109

Ion Ratio Lower Upper

93 100

95 84.8 67.2 100.8

174 93.5 75.7 113.5



#44

Bromodichloromethane

Concen: 10.785 ug/l

RT: 7.091 min Scan# 1804

Delta R.T. -0.003 min

Lab File: VU063267.D

Acq: 13 Feb 2025 18:44

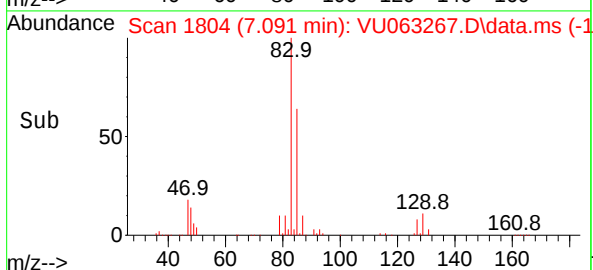
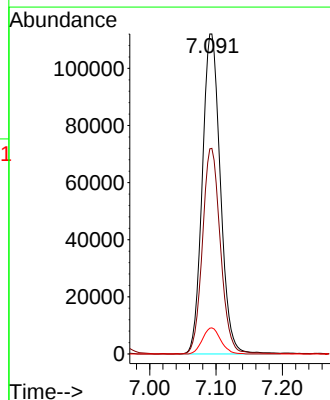
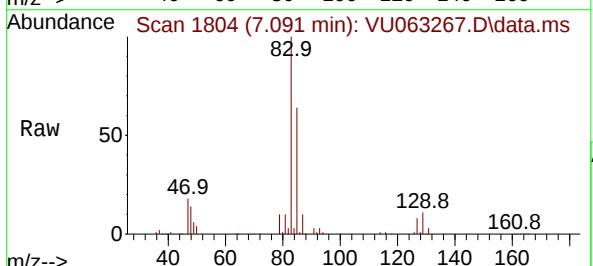
Tgt Ion: 83 Resp: 211706

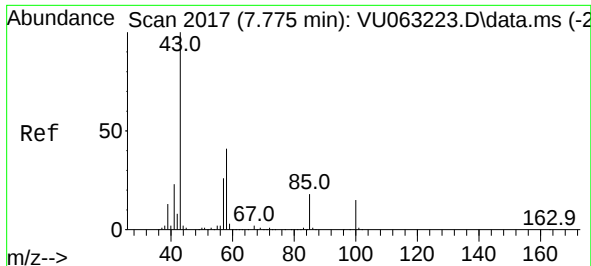
Ion Ratio Lower Upper

83 100

85 64.1 51.7 77.5

127 8.0 6.7 10.1

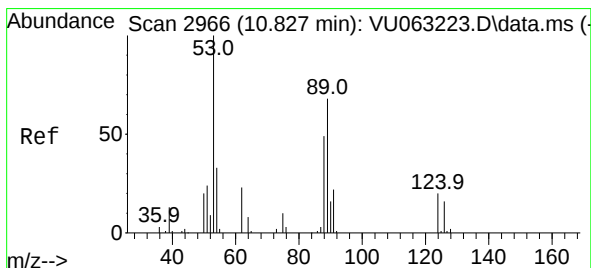
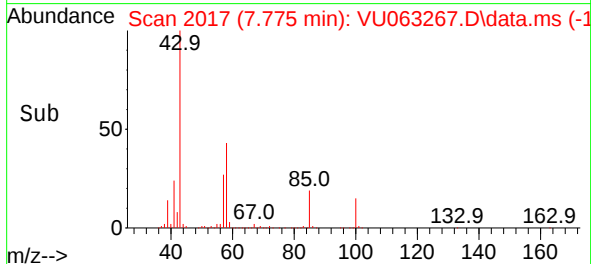
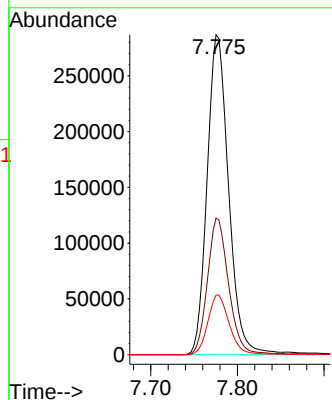
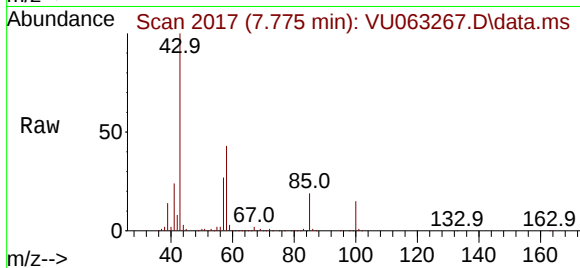




#45
4-Methyl-2-Pentanone
Concen: 55.818 ug/l
RT: 7.775 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VU063267.D
Acq: 13 Feb 2025 18:44

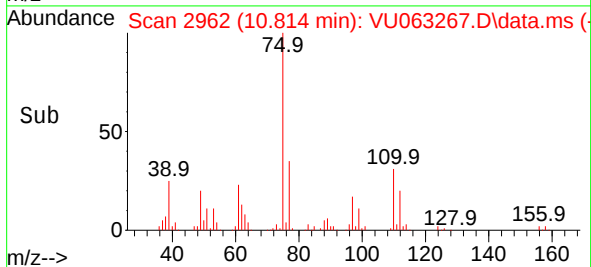
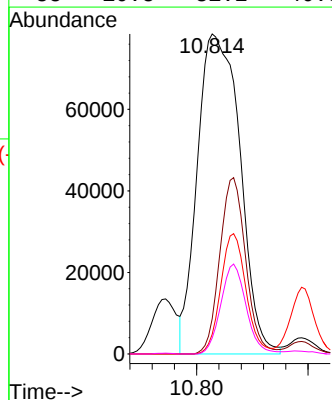
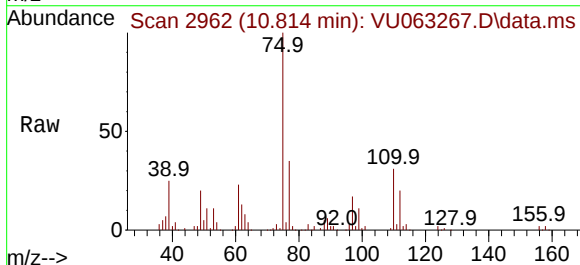
Instrument :
MSVOA_U
ClientSampleId :

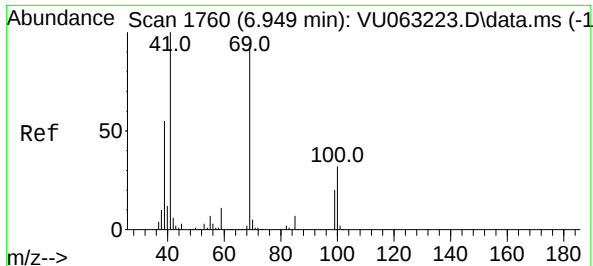
Tgt Ion: 43 Resp: 493537
Ion Ratio Lower Upper
43 100
58 42.3 20.8 62.5
85 18.7 14.8 22.2



#46
t-1,4-Dichloro-2-butene
Concen: 50.076 ug/l
RT: 10.814 min Scan# 2962
Delta R.T. -0.013 min
Lab File: VU063267.D
Acq: 13 Feb 2025 18:44

Tgt Ion: 75 Resp: 208142
Ion Ratio Lower Upper
75 100
53 33.7 64.5 96.7#
89 22.6 43.4 65.2#
88 16.8 31.2 46.8#





#47

Methyl methacrylate

Concen: 23.405 ug/l

RT: 6.949 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU063267.D

Acq: 13 Feb 2025 18:44

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 69 Resp: 166262

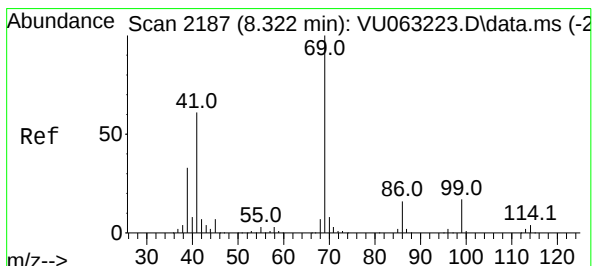
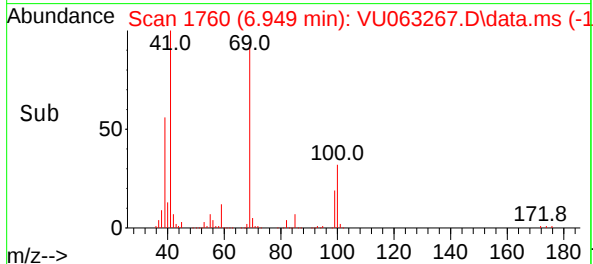
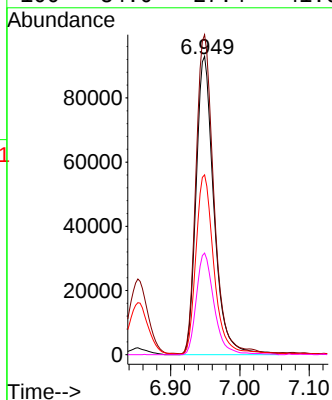
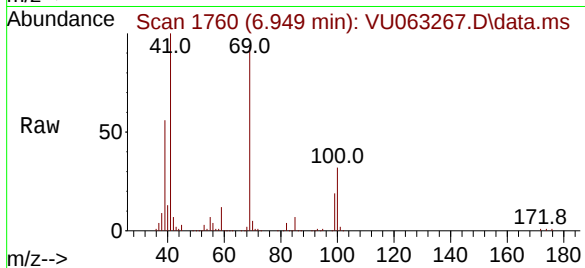
Ion Ratio Lower Upper

69 100

41 107.4 0.0 217.0

39 60.8 47.7 71.5

100 34.0 27.4 41.0



#48

Ethyl methacrylate

Concen: 12.100 ug/l

RT: 8.322 min Scan# 2187

Delta R.T. 0.000 min

Lab File: VU063267.D

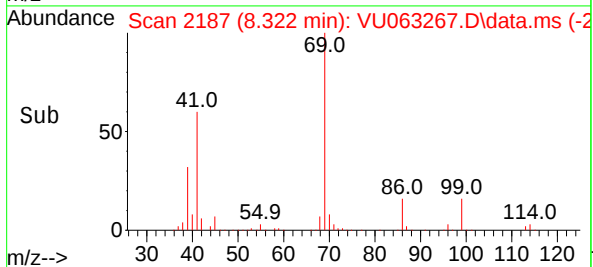
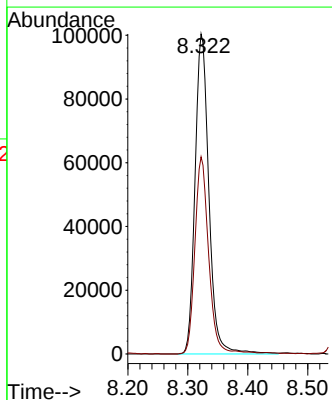
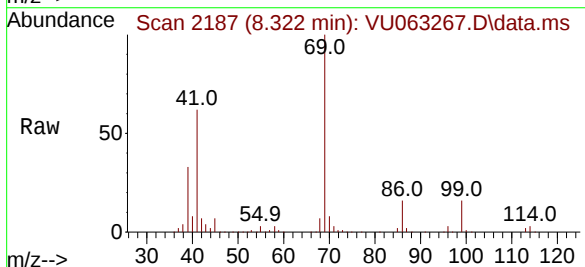
Acq: 13 Feb 2025 18:44

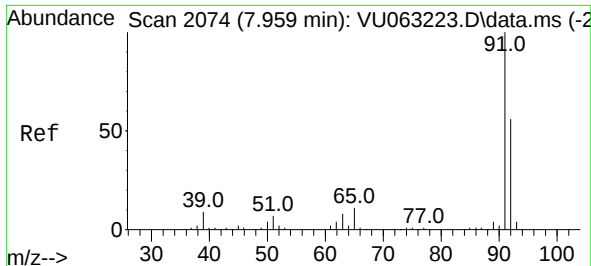
Tgt Ion: 69 Resp: 161403

Ion Ratio Lower Upper

69 100

41 60.5 30.6 92.0





#49

Toluene

Concen: 11.053 ug/l

RT: 7.955 min Scan# 2074

Delta R.T. -0.003 min

Lab File: VU063267.D

Acq: 13 Feb 2025 18:44

Instrument :

MSVOA_U

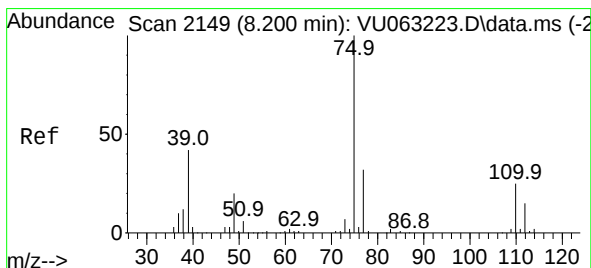
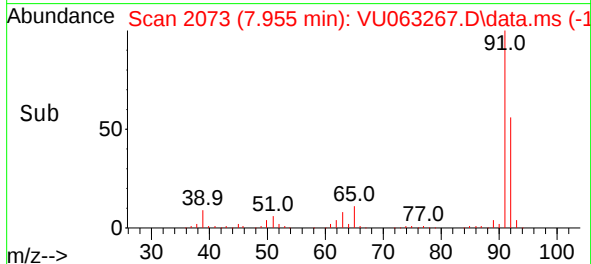
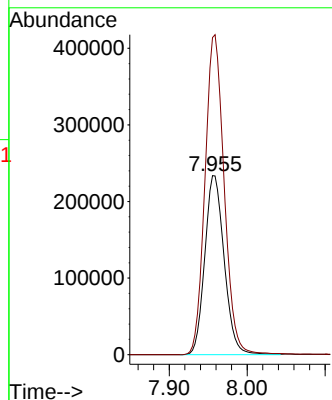
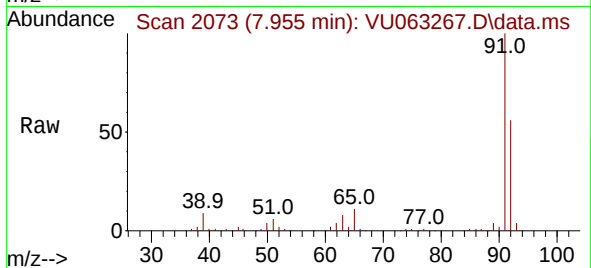
ClientSampleId :

Tgt Ion: 92 Resp: 404478

Ion Ratio Lower Upper

92 100

91 176.7 141.8 212.6



#50

t-1,3-Dichloropropene

Concen: 11.338 ug/l

RT: 8.200 min Scan# 2149

Delta R.T. 0.000 min

Lab File: VU063267.D

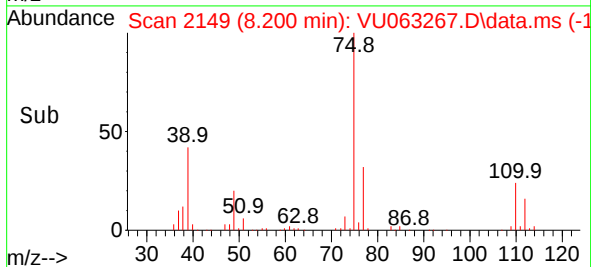
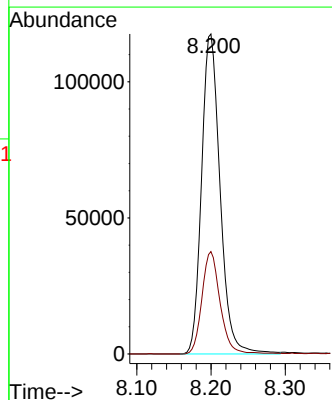
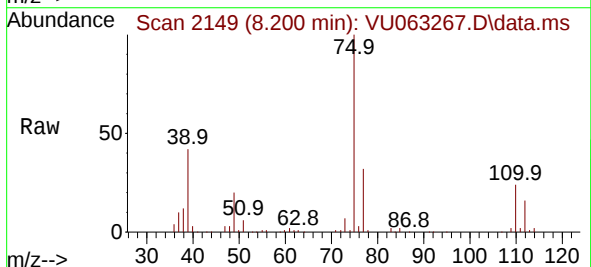
Acq: 13 Feb 2025 18:44

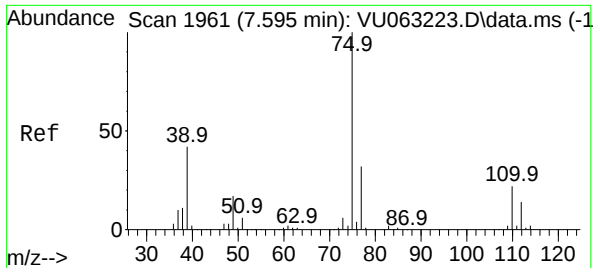
Tgt Ion: 75 Resp: 203765

Ion Ratio Lower Upper

75 100

77 32.0 25.9 38.9

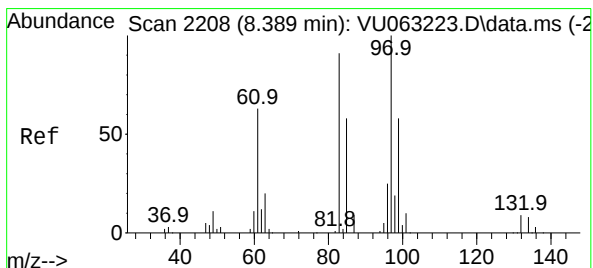
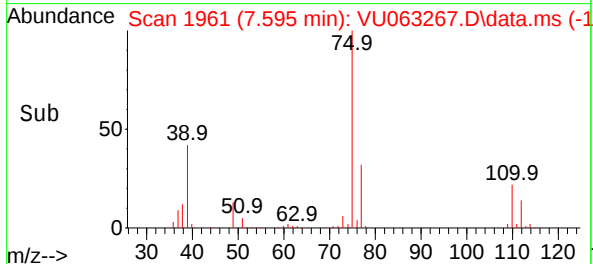
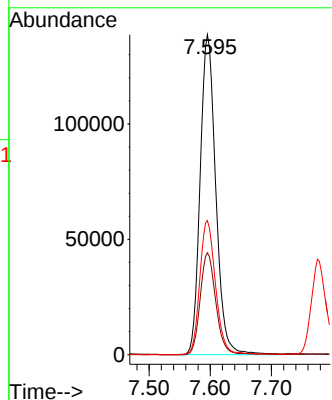
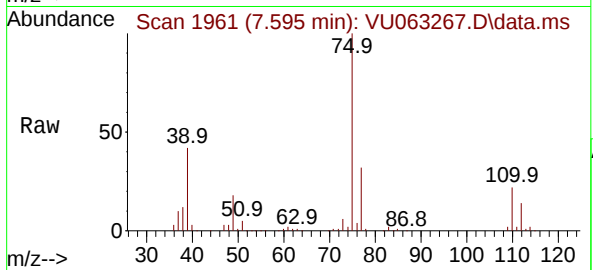




#51
 cis-1,3-Dichloropropene
 Concen: 11.090 ug/l
 RT: 7.595 min Scan# 1961
 Delta R.T. 0.000 min
 Lab File: VU063267.D
 Acq: 13 Feb 2025 18:44

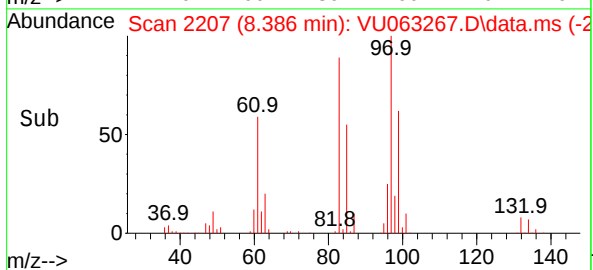
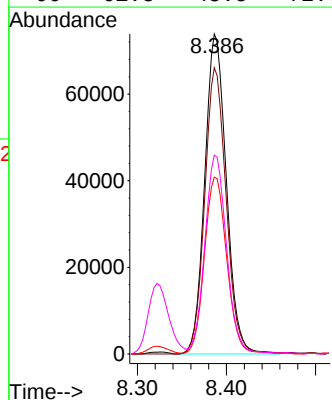
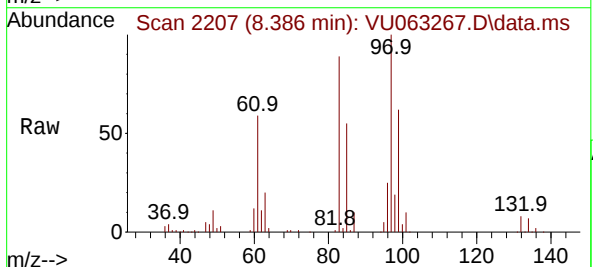
Instrument :
 MSVOA_U
 ClientSampleId :

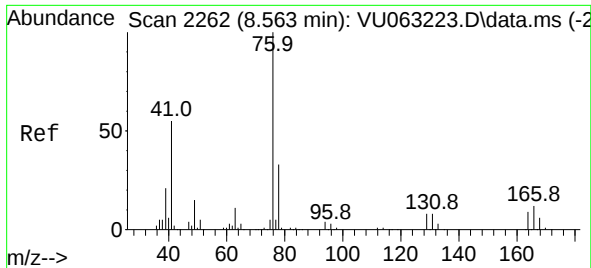
Tgt Ion: 75 Resp: 246201
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.3 37.9
 39 41.8 33.5 50.3



#52
 1,1,2-Trichloroethane
 Concen: 10.929 ug/l
 RT: 8.386 min Scan# 2207
 Delta R.T. -0.003 min
 Lab File: VU063267.D
 Acq: 13 Feb 2025 18:44

Tgt Ion: 97 Resp: 124276
 Ion Ratio Lower Upper
 97 100
 83 89.4 73.0 109.4
 85 55.0 46.3 69.5
 99 61.8 48.5 72.7

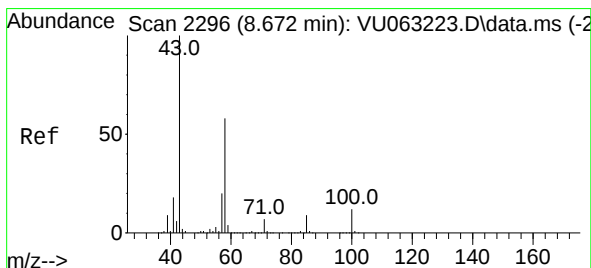
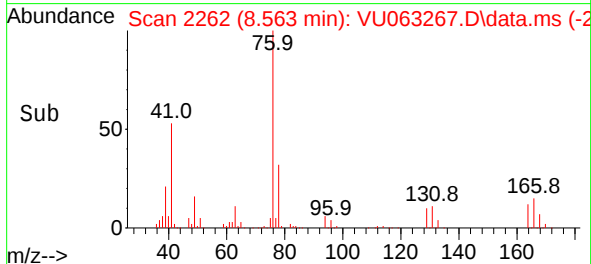
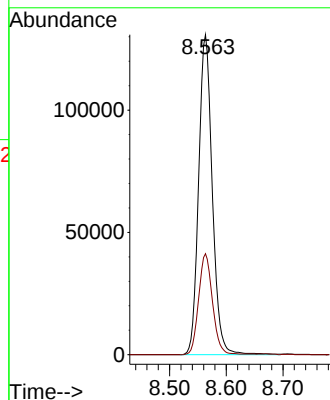
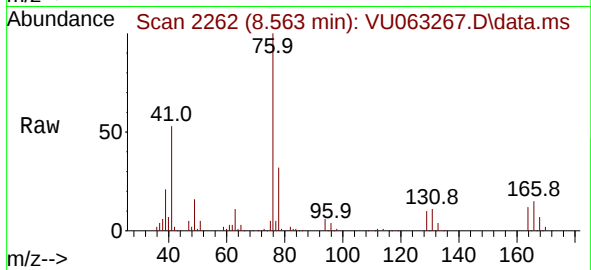




#53
1,3-Dichloropropane
Concen: 10.837 ug/l
RT: 8.563 min Scan# 2262
Delta R.T. 0.000 min
Lab File: VU063267.D
Acq: 13 Feb 2025 18:44

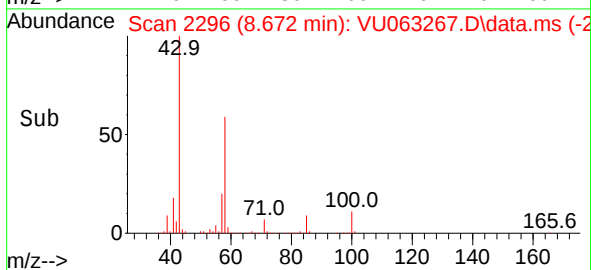
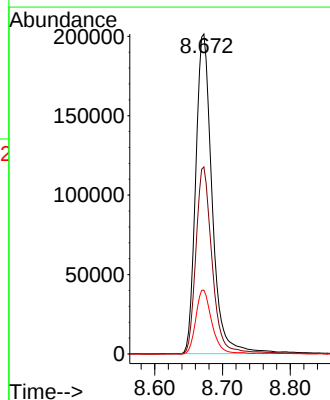
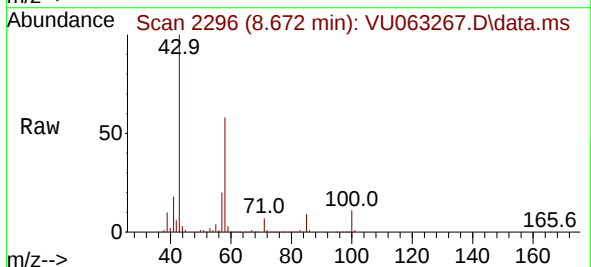
Instrument :
MSVOA_U
ClientSampleId :

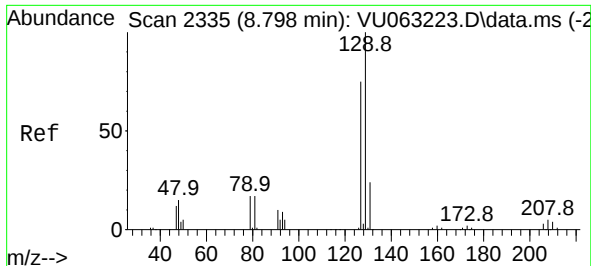
Tgt Ion: 76 Resp: 218777
Ion Ratio Lower Upper
76 100
78 32.1 26.3 39.5



#54
2-Hexanone
Concen: 56.106 ug/l
RT: 8.672 min Scan# 2296
Delta R.T. 0.000 min
Lab File: VU063267.D
Acq: 13 Feb 2025 18:44

Tgt Ion: 43 Resp: 338541
Ion Ratio Lower Upper
43 100
58 58.4 38.0 78.0
57 19.6 0.0 39.1





#55

Dibromochloromethane

Concen: 10.987 ug/l

RT: 8.798 min Scan# 2335

Delta R.T. 0.000 min

Lab File: VU063267.D

Acq: 13 Feb 2025 18:44

Instrument :

MSVOA_U

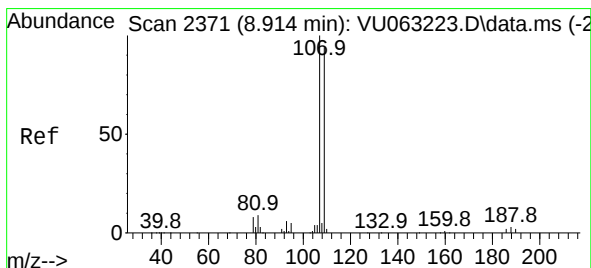
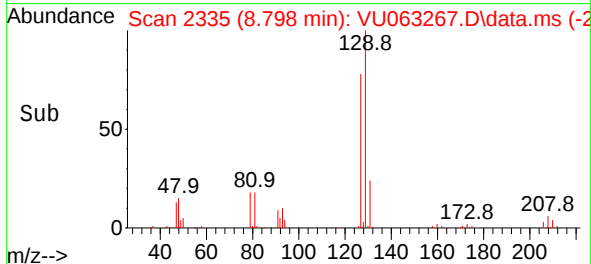
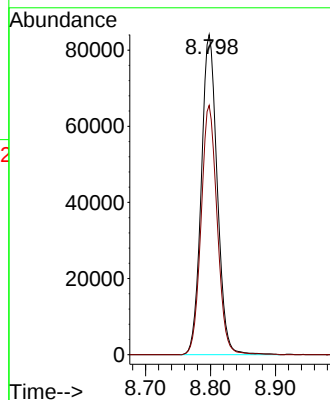
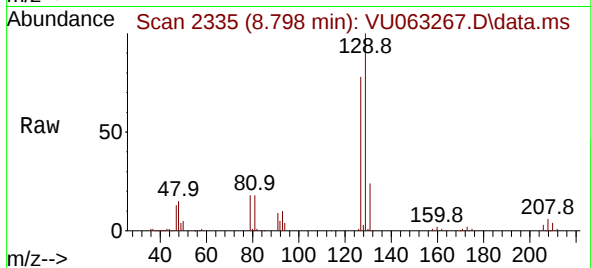
ClientSampleId :

Tgt Ion:129 Resp: 143736

Ion Ratio Lower Upper

129 100

127 78.4 60.4 90.6



#56

1,2-Dibromoethane

Concen: 10.927 ug/l

RT: 8.910 min Scan# 2370

Delta R.T. -0.003 min

Lab File: VU063267.D

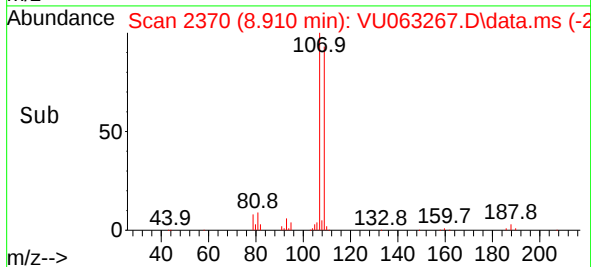
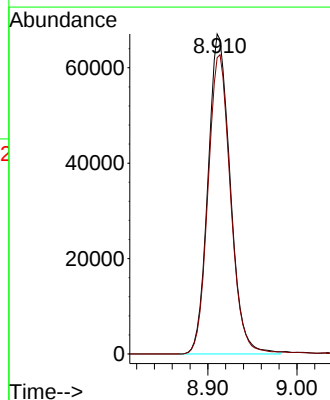
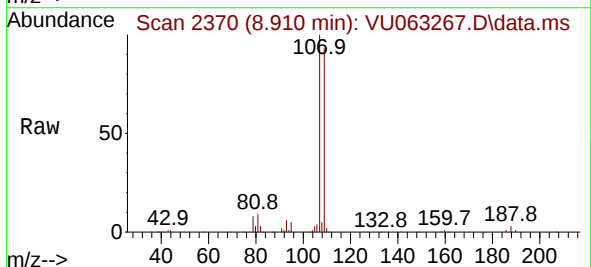
Acq: 13 Feb 2025 18:44

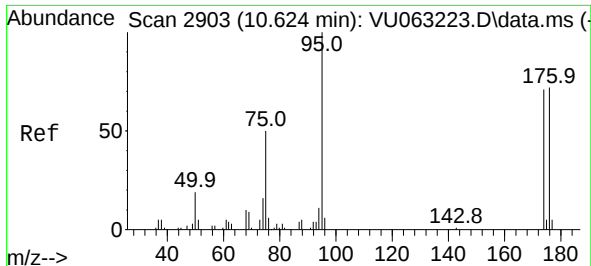
Tgt Ion:107 Resp: 116536

Ion Ratio Lower Upper

107 100

109 94.2 0.0 187.8





#57

4-Bromofluorobenzene

Concen: 1.080 ug/l

RT: 10.624 min Scan# 2903

Delta R.T. 0.000 min

Lab File: VU063267.D

Acq: 13 Feb 2025 18:44

Instrument :

MSVOA_U

ClientSampleId :

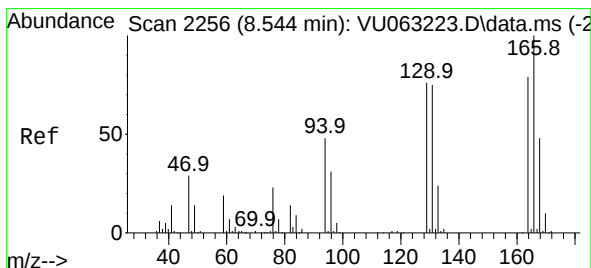
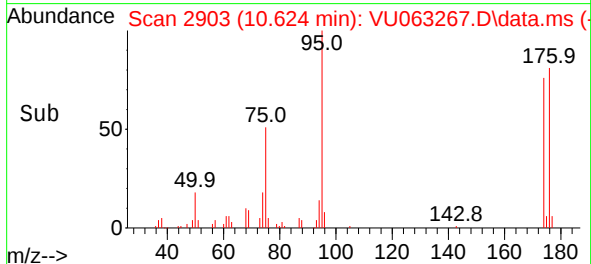
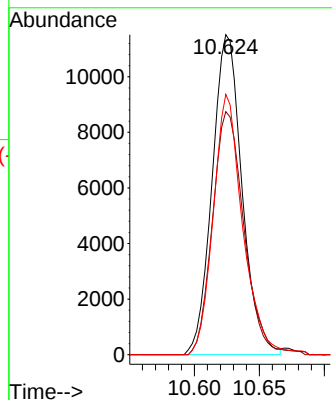
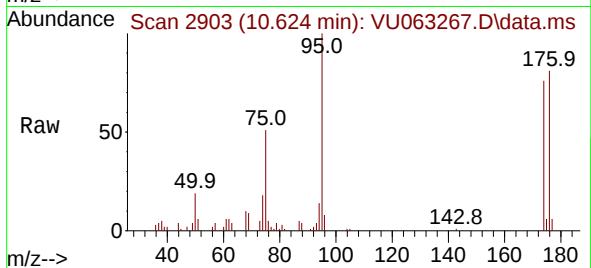
Tgt Ion: 95 Resp: 18453

Ion Ratio Lower Upper

95 100

174 79.3 58.6 88.0

176 80.0 58.2 87.4



#58

Tetrachloroethene

Concen: 10.374 ug/l

RT: 8.544 min Scan# 2256

Delta R.T. 0.000 min

Lab File: VU063267.D

Acq: 13 Feb 2025 18:44

Tgt Ion: 164 Resp: 129382

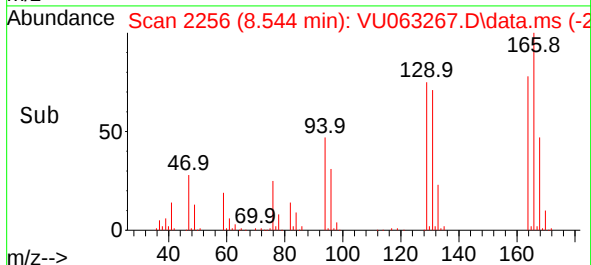
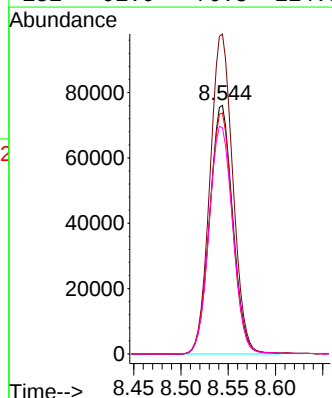
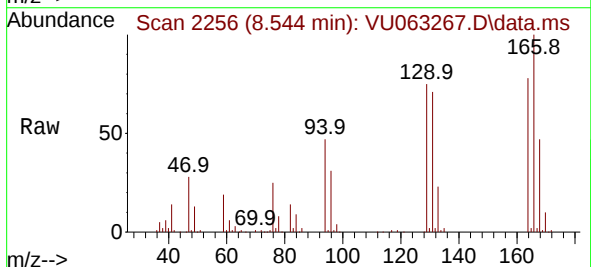
Ion Ratio Lower Upper

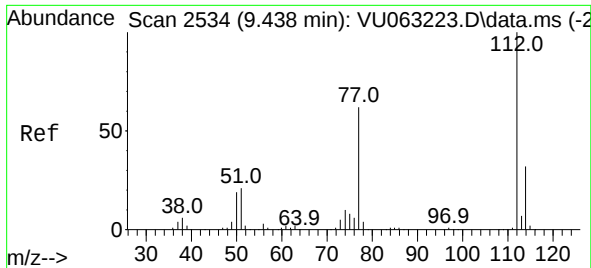
164 100

166 128.7 101.4 152.0

129 96.9 77.0 115.4

131 91.0 76.3 114.5





#59

Chlorobenzene

Concen: 10.941 ug/l

RT: 9.434 min Scan# 2534

Delta R.T. -0.003 min

Lab File: VU063267.D

Acq: 13 Feb 2025 18:44

Instrument :

MSVOA_U

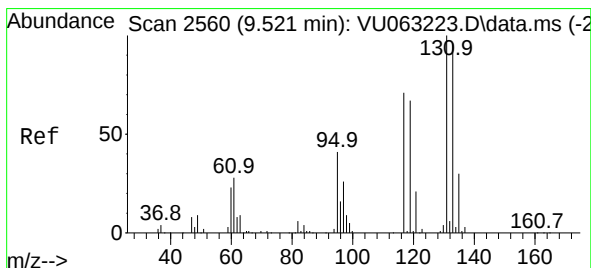
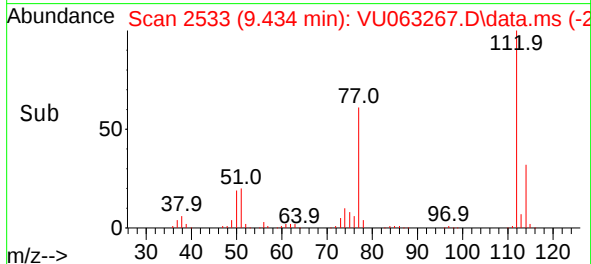
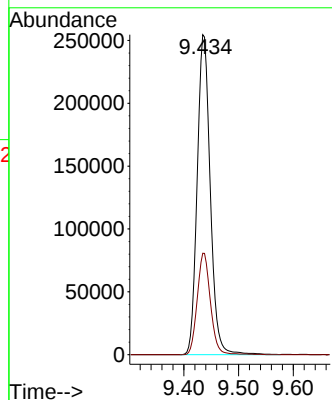
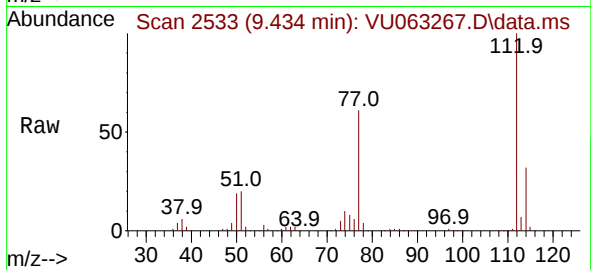
ClientSampleId :

Tgt Ion:112 Resp: 422514

Ion Ratio Lower Upper

112 100

114 31.7 25.7 38.5



#60

1,1,1,2-Tetrachloroethane

Concen: 10.756 ug/l

RT: 9.521 min Scan# 2560

Delta R.T. 0.000 min

Lab File: VU063267.D

Acq: 13 Feb 2025 18:44

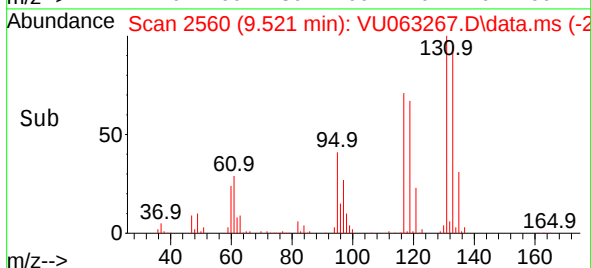
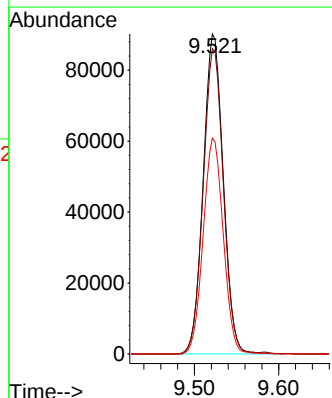
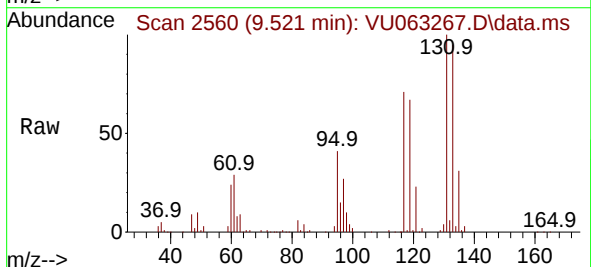
Tgt Ion:131 Resp: 149307

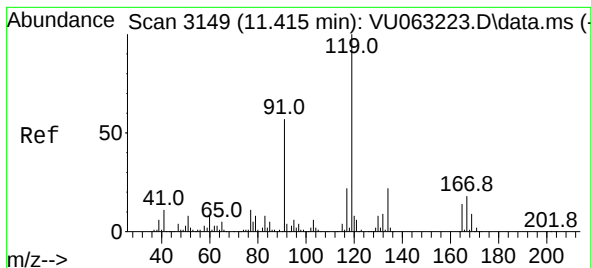
Ion Ratio Lower Upper

131 100

133 96.2 76.7 115.1

119 67.7 54.4 81.6





#61

Pentachloroethane

Concen: 10.687 ug/l

RT: 11.415 min Scan# 3149

Delta R.T. 0.000 min

Lab File: VU063267.D

Acq: 13 Feb 2025 18:44

Instrument :

MSVOA_U

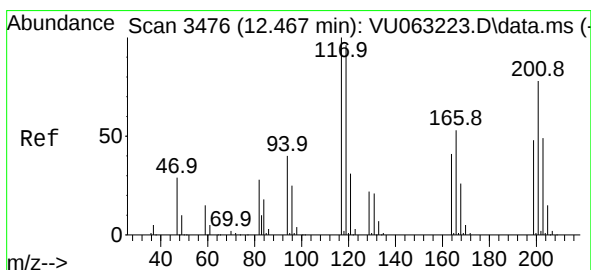
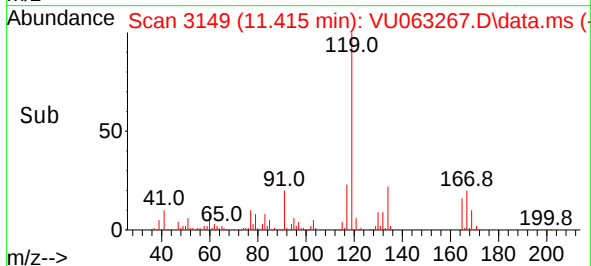
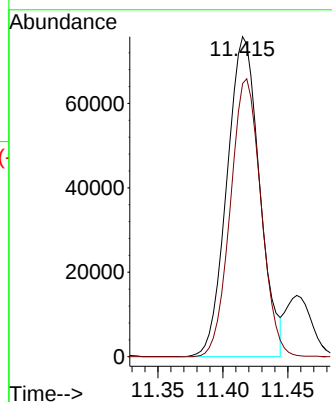
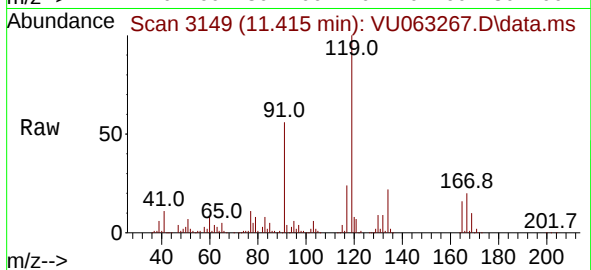
ClientSampleId :

Tgt Ion:117 Resp: 132521

Ion Ratio Lower Upper

117 100

167 81.6 65.0 97.6



#62

Hexachloroethane

Concen: 11.242 ug/l

RT: 12.463 min Scan# 3475

Delta R.T. -0.003 min

Lab File: VU063267.D

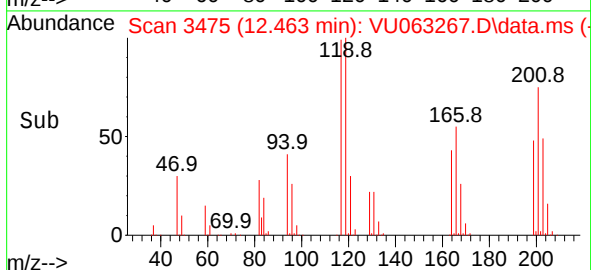
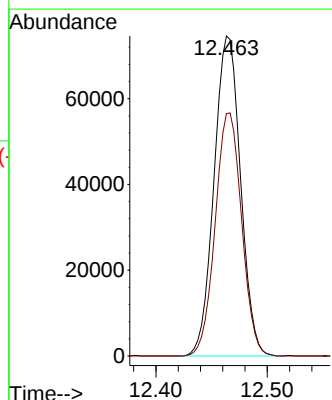
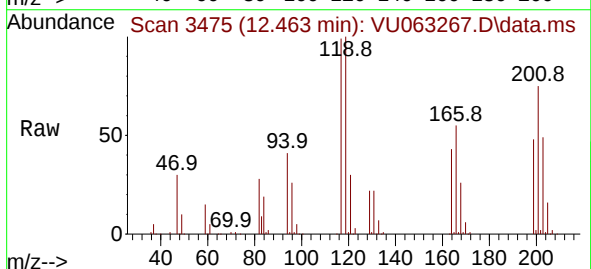
Acq: 13 Feb 2025 18:44

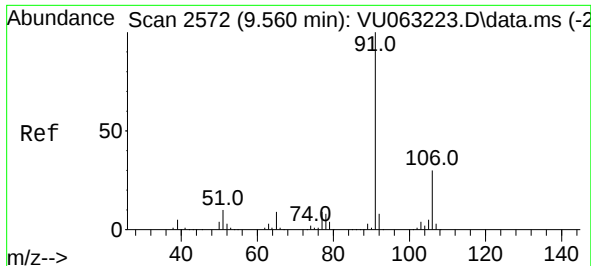
Tgt Ion:117 Resp: 123324

Ion Ratio Lower Upper

117 100

201 75.7 61.3 91.9





#63

Ethyl Benzene

Concen: 11.392 ug/l

RT: 9.560 min Scan# 2572

Delta R.T. 0.000 min

Lab File: VU063267.D

Acq: 13 Feb 2025 18:44

Instrument :

MSVOA_U

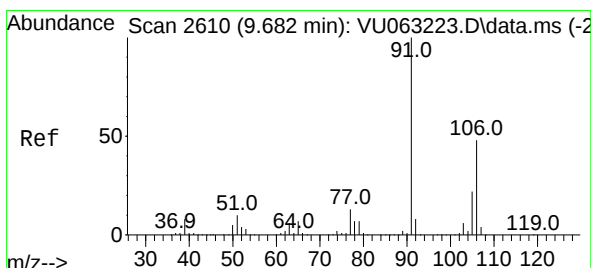
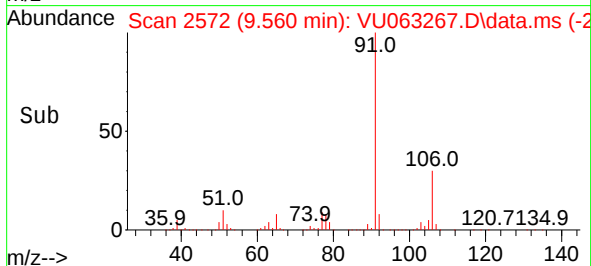
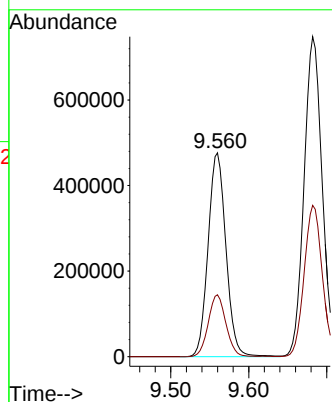
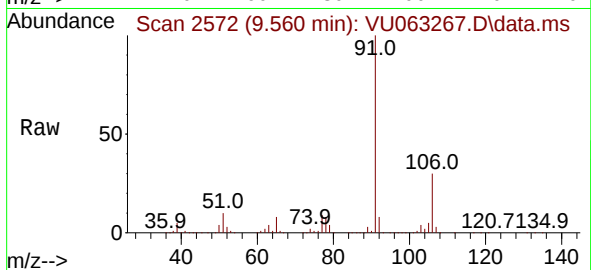
ClientSampleId :

Tgt Ion: 91 Resp: 758702

Ion Ratio Lower Upper

91 100

106 30.4 24.2 36.2



#64

m/p-Xylenes

Concen: 23.207 ug/l

RT: 9.682 min Scan# 2610

Delta R.T. 0.000 min

Lab File: VU063267.D

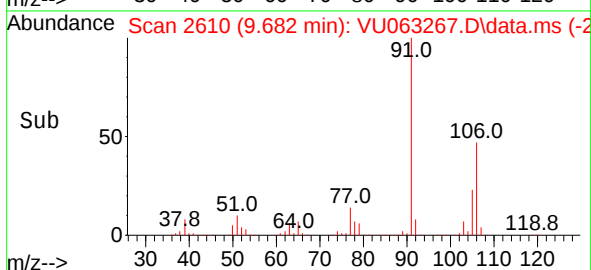
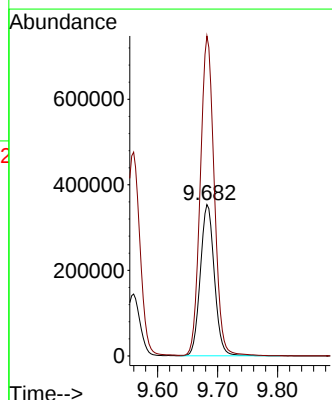
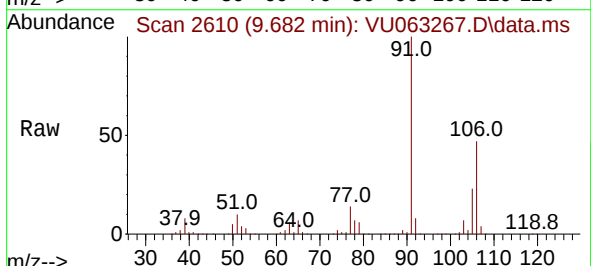
Acq: 13 Feb 2025 18:44

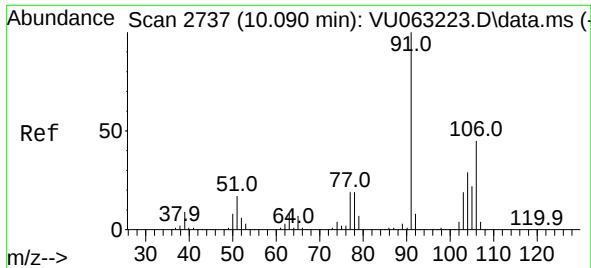
Tgt Ion:106 Resp: 577336

Ion Ratio Lower Upper

106 100

91 210.2 166.9 250.3

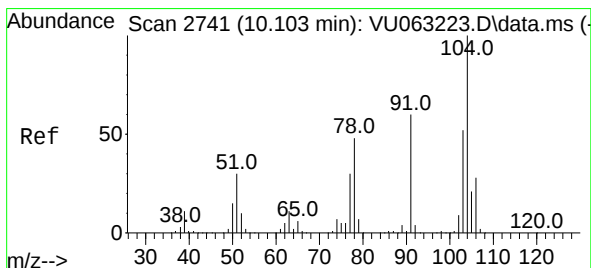
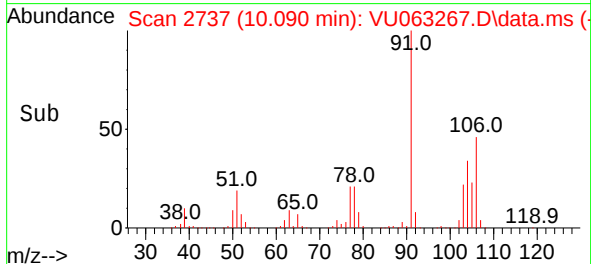
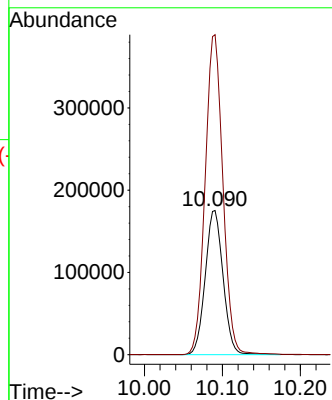
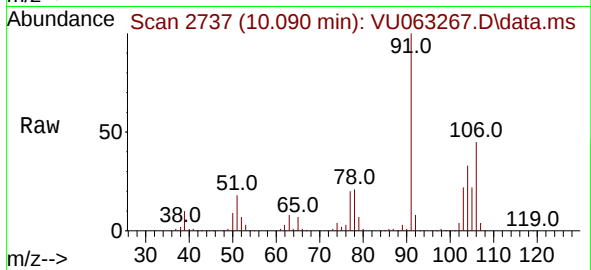




#65
o-Xylene
Concen: 11.425 ug/l
RT: 10.090 min Scan# 2737
Delta R.T. 0.000 min
Lab File: VU063267.D
Acq: 13 Feb 2025 18:44

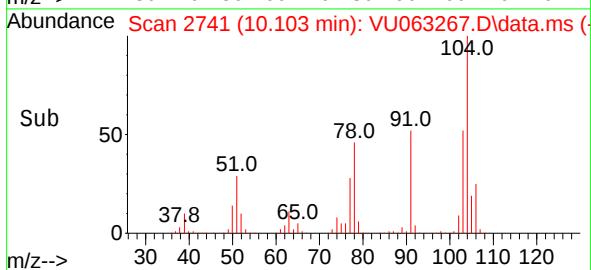
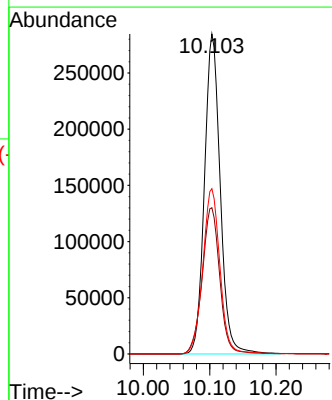
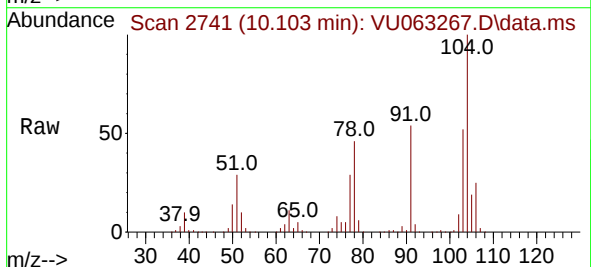
Instrument :
MSVOA_U
ClientSampleId :

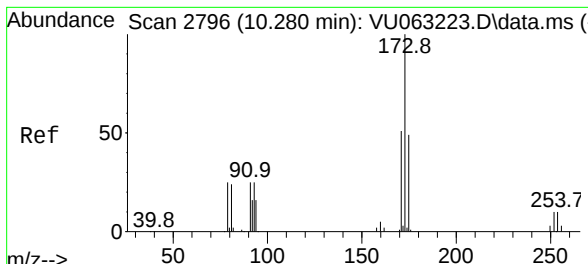
Tgt Ion:106 Resp: 278258
Ion Ratio Lower Upper
106 100
91 220.5 110.9 332.9



#66
Styrene
Concen: 12.146 ug/l
RT: 10.103 min Scan# 2741
Delta R.T. 0.000 min
Lab File: VU063267.D
Acq: 13 Feb 2025 18:44

Tgt Ion:104 Resp: 470765
Ion Ratio Lower Upper
104 100
78 50.9 41.2 61.8
103 56.2 44.8 67.2

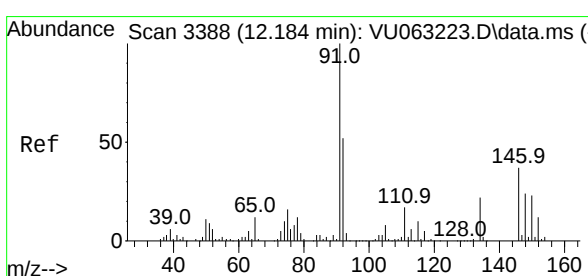
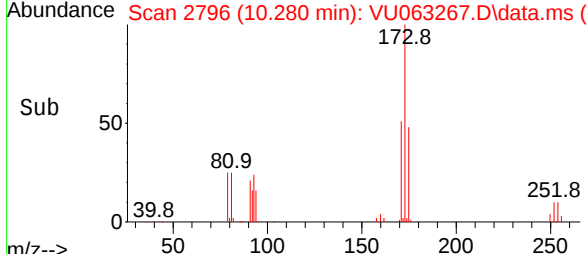
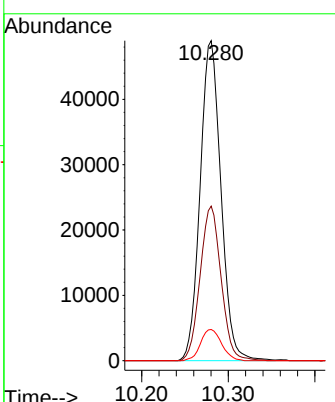
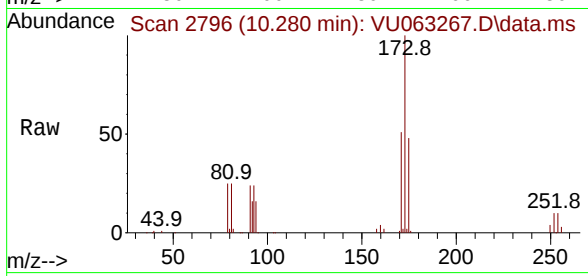




#67
 Bromoform
 Concen: 11.027 ug/l
 RT: 10.280 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU063267.D
 Acq: 13 Feb 2025 18:44

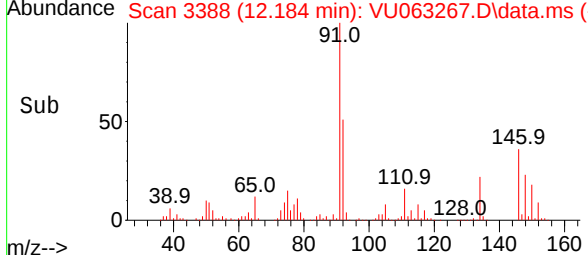
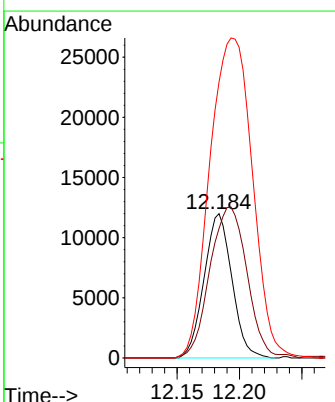
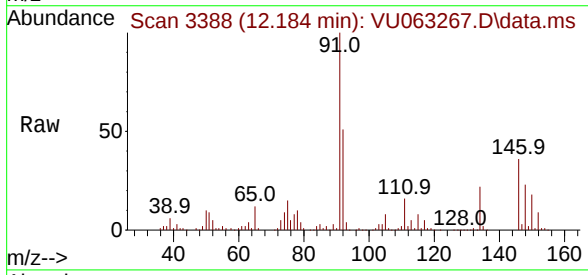
Instrument :
 MSVOA_U
 ClientSampleId :

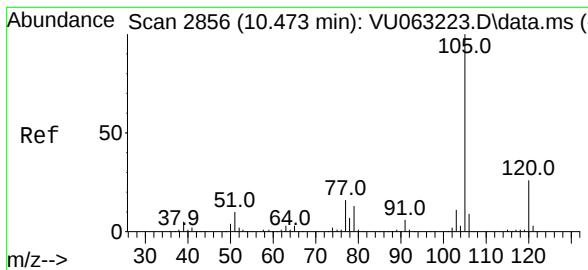
Tgt Ion:	173	Resp:	81875
Ion Ratio	Lower	Upper	
173	100		
175	48.5	39.0	58.4
254	9.9	7.7	11.5



#68
 1,2-Dichlorobenzene-d4
 Concen: 1.049 ug/l
 RT: 12.184 min Scan# 3388
 Delta R.T. 0.000 min
 Lab File: VU063267.D
 Acq: 13 Feb 2025 18:44

Tgt Ion:	152	Resp:	18640
Ion Ratio	Lower	Upper	
152	100		
115	139.8	0.0	275.2
150	339.3	0.0	658.4





#69

Isopropylbenzene

Concen: 11.524 ug/l

RT: 10.473 min Scan# 2856

Delta R.T. 0.000 min

Lab File: VU063267.D

Acq: 13 Feb 2025 18:44

Instrument :

MSVOA_U

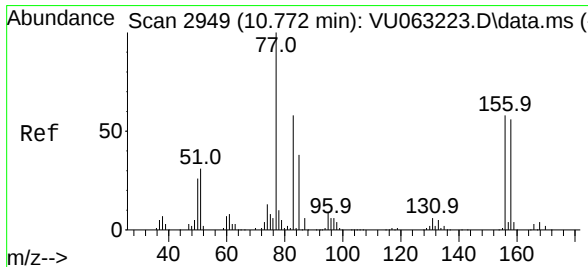
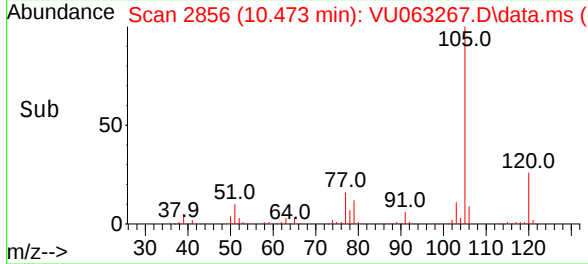
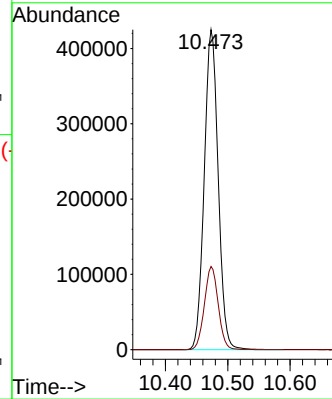
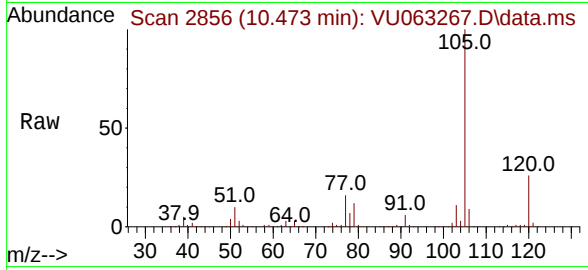
ClientSampleId :

Tgt Ion:105 Resp: 659791

Ion Ratio Lower Upper

105 100

120 25.8 12.8 38.4



#70

1,1,2,2-Tetrachloroethane

Concen: 10.738 ug/l

RT: 10.769 min Scan# 2948

Delta R.T. -0.003 min

Lab File: VU063267.D

Acq: 13 Feb 2025 18:44

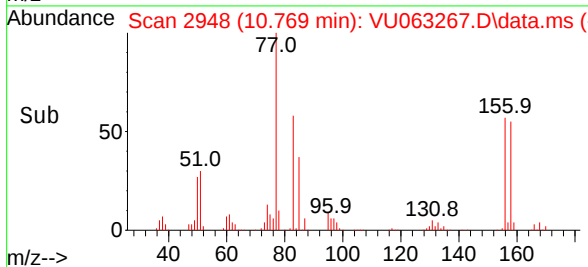
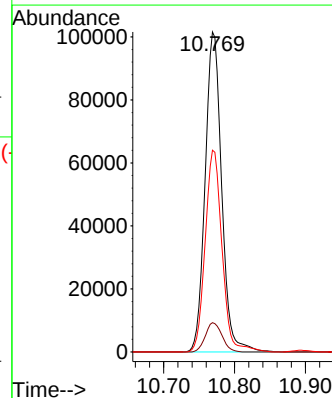
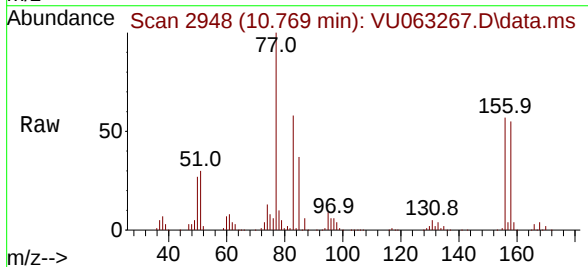
Tgt Ion: 83 Resp: 164572

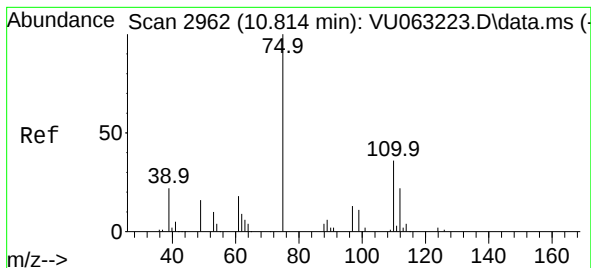
Ion Ratio Lower Upper

83 100

131 9.2 7.4 11.0

85 64.3 51.8 77.8





#71

1,2,3-Trichloropropane

Concen: 18.077 ug/l

RT: 10.814 min Scan# 2962

Delta R.T. 0.000 min

Lab File: VU063267.D

Acq: 13 Feb 2025 18:44

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 75 Resp: 208142

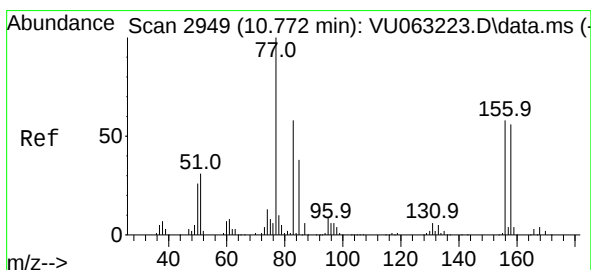
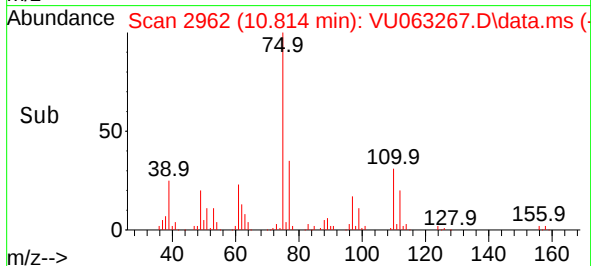
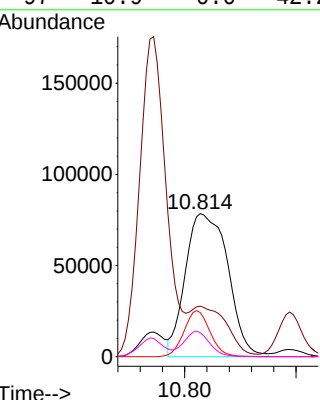
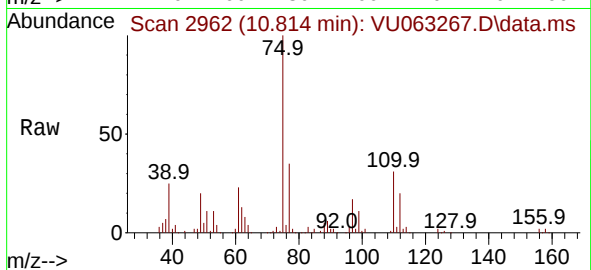
Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

110 19.7 0.0 77.0

97 10.9 0.0 42.2



#72

Bromobenzene

Concen: 11.233 ug/l

RT: 10.772 min Scan# 2949

Delta R.T. 0.000 min

Lab File: VU063267.D

Acq: 13 Feb 2025 18:44

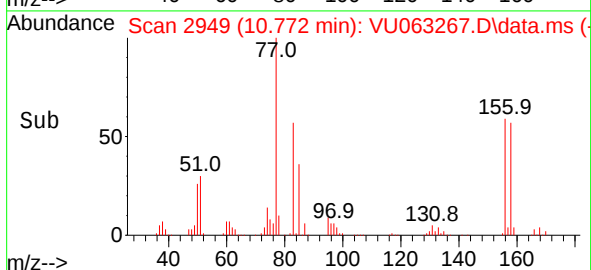
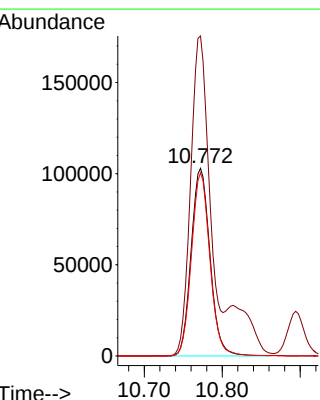
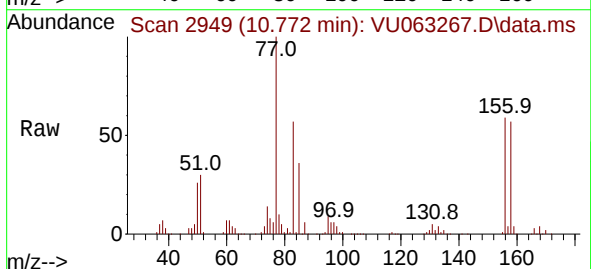
Tgt Ion:156 Resp: 173295

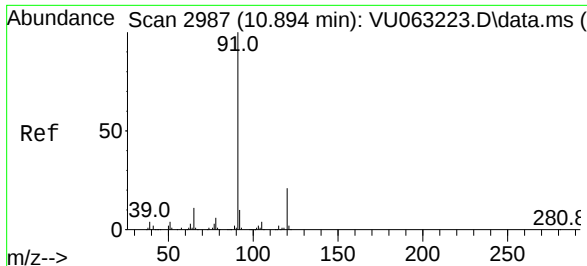
Ion Ratio Lower Upper

156 100

77 169.6 0.0 343.6

158 95.5 0.0 193.0

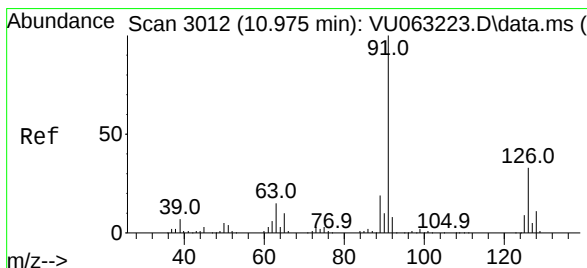
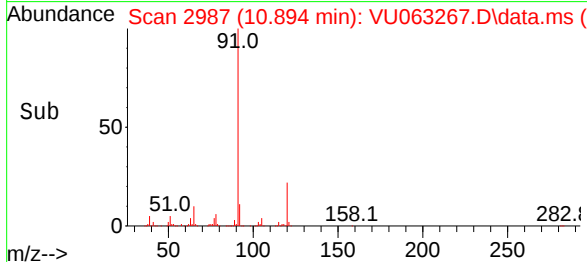
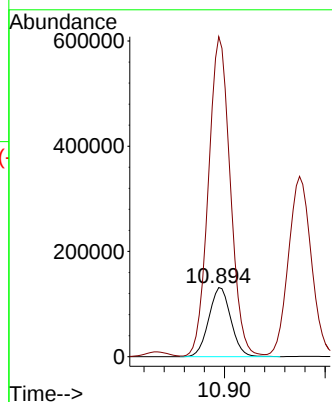
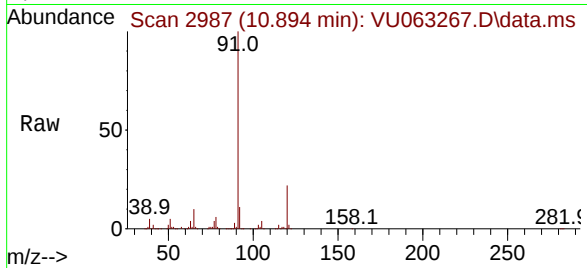




#73
n-propylbenzene
Concen: 12.192 ug/l
RT: 10.894 min Scan# 2987
Delta R.T. 0.000 min
Lab File: VU063267.D
Acq: 13 Feb 2025 18:44

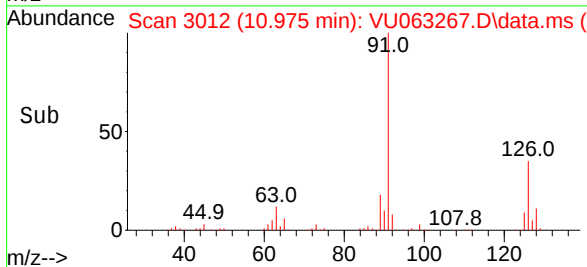
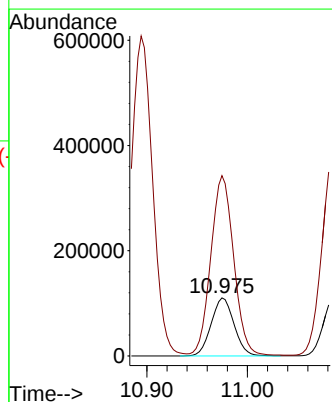
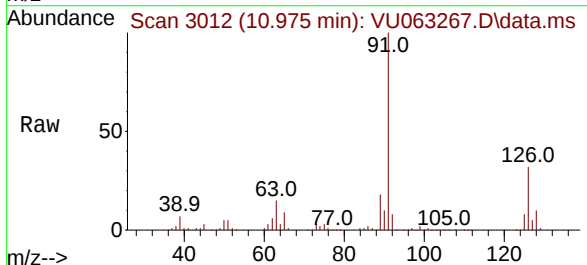
Instrument :
MSVOA_U
ClientSampleId :

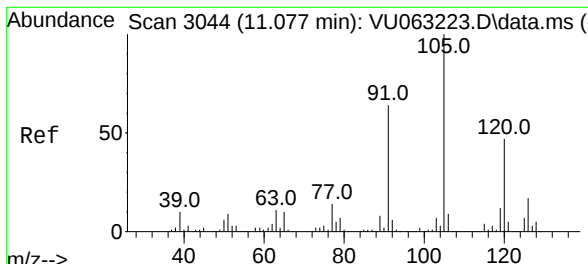
Tgt Ion:120 Resp: 199855
Ion Ratio Lower Upper
120 100
91 458.2 369.8 554.6



#74
2-Chlorotoluene
Concen: 11.554 ug/l
RT: 10.975 min Scan# 3012
Delta R.T. 0.000 min
Lab File: VU063267.D
Acq: 13 Feb 2025 18:44

Tgt Ion:126 Resp: 174559
Ion Ratio Lower Upper
126 100
91 310.0 0.0 623.8



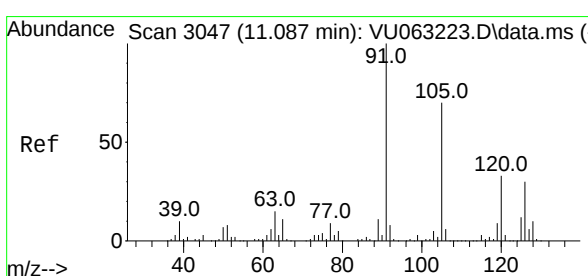
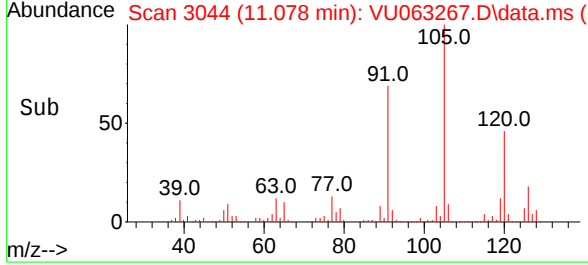
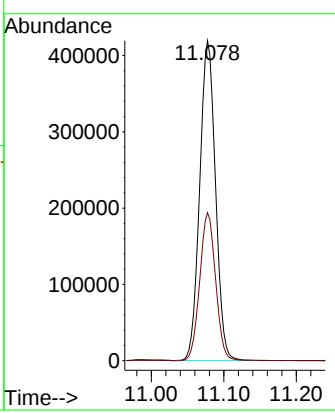
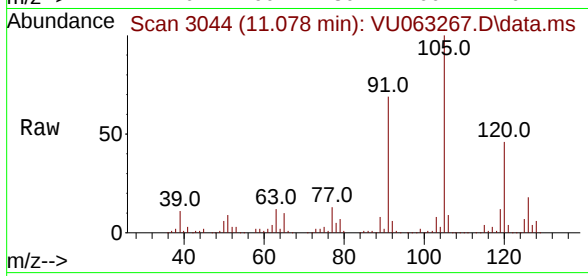


#75
 1,3,5-Trimethylbenzene
 Concen: 11.944 ug/l
 RT: 11.078 min Scan# 3044
 Delta R.T. 0.000 min
 Lab File: VU063267.D
 Acq: 13 Feb 2025 18:44

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion:105 Resp: 633633

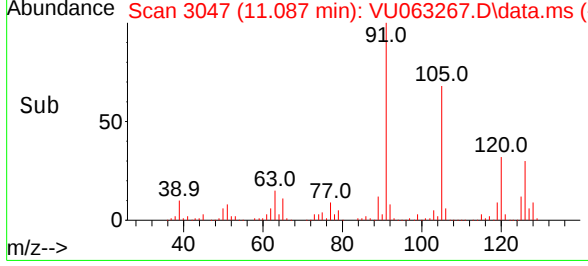
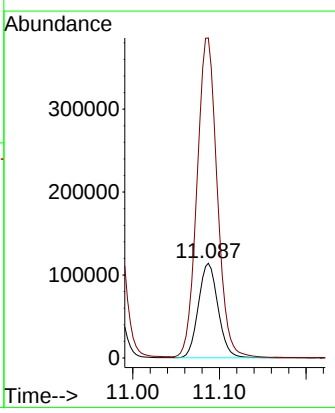
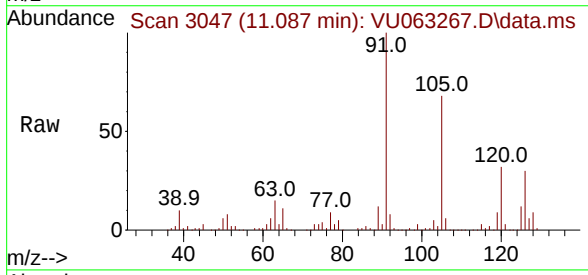
Ion	Ratio	Lower	Upper
105	100		
120	46.5	37.3	55.9

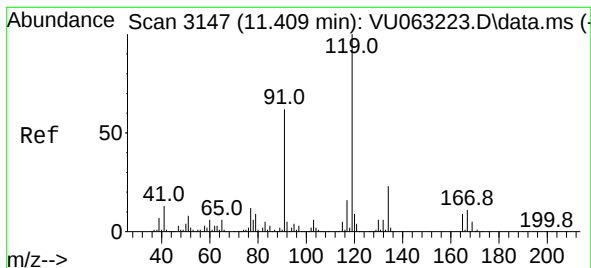


#76
 4-Chlorotoluene
 Concen: 11.572 ug/l
 RT: 11.087 min Scan# 3047
 Delta R.T. 0.000 min
 Lab File: VU063267.D
 Acq: 13 Feb 2025 18:44

Tgt Ion:126 Resp: 179287

Ion	Ratio	Lower	Upper
126	100		
91	349.1	0.0	703.6





#77

tert-Butylbenzene

Concen: 11.404 ug/l

RT: 11.409 min Scan# 3147

Delta R.T. 0.000 min

Lab File: VU063267.D

Acq: 13 Feb 2025 18:44

Instrument :

MSVOA_U

ClientSampleId :

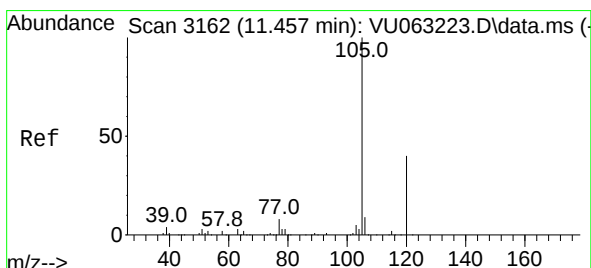
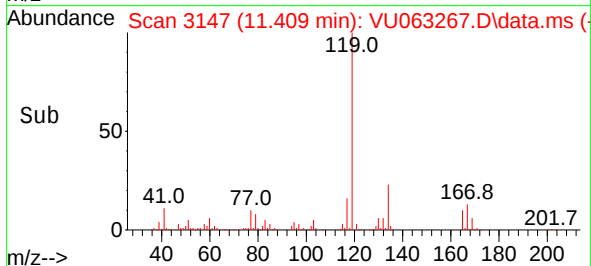
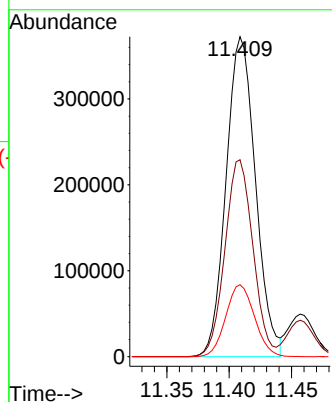
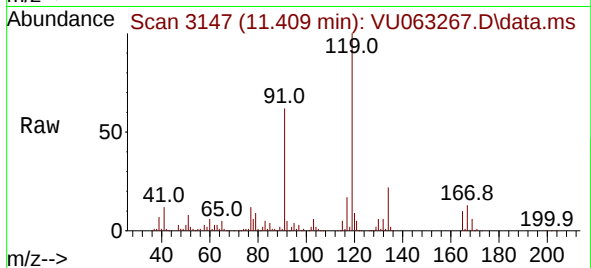
Tgt Ion:119 Resp: 611870

Ion Ratio Lower Upper

119 100

91 58.7 29.4 88.3

134 22.0 17.6 26.4



#78

1,2,4-Trimethylbenzene

Concen: 12.098 ug/l

RT: 11.457 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VU063267.D

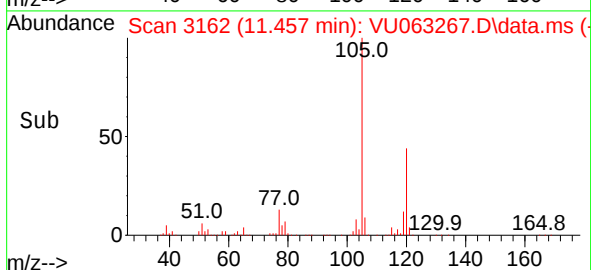
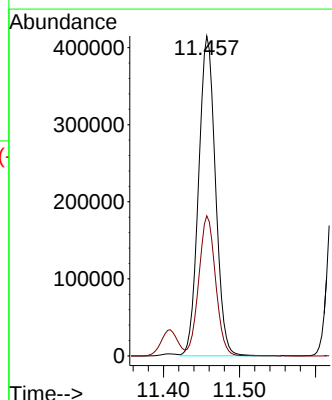
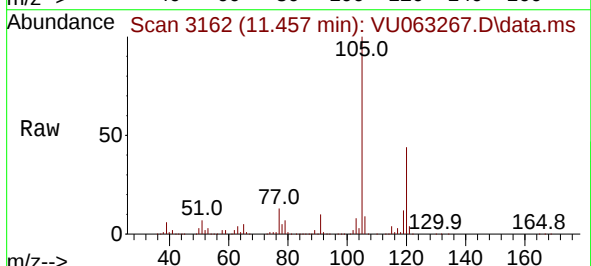
Acq: 13 Feb 2025 18:44

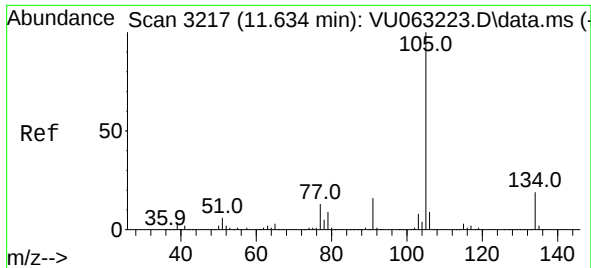
Tgt Ion:105 Resp: 636851

Ion Ratio Lower Upper

105 100

120 43.8 21.9 65.7

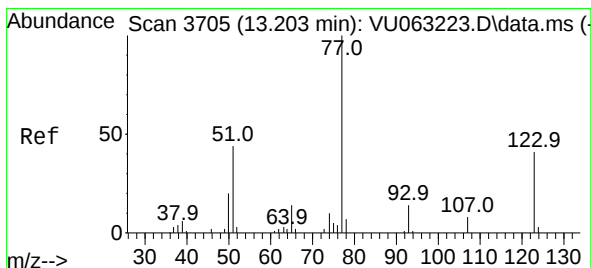
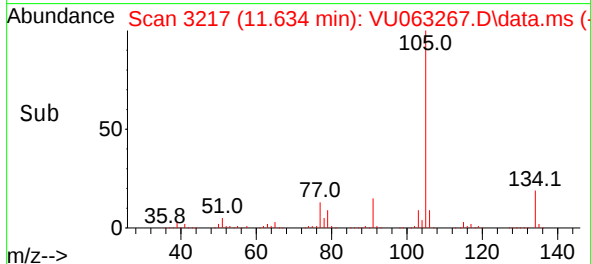
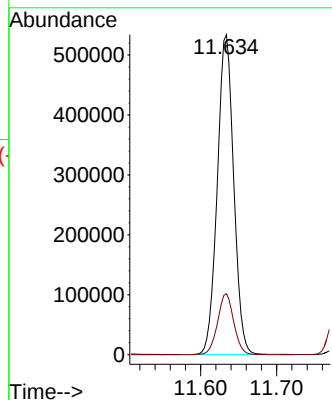
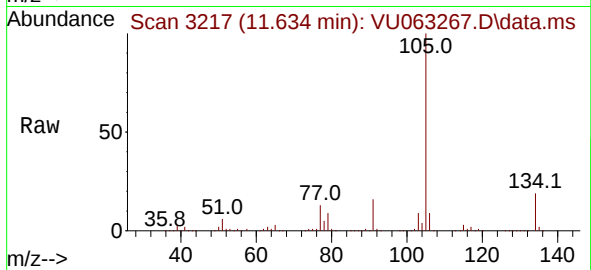




#79
 sec-Butylbenzene
 Concen: 11.718 ug/l
 RT: 11.634 min Scan# 3217
 Delta R.T. 0.000 min
 Lab File: VU063267.D
 Acq: 13 Feb 2025 18:44

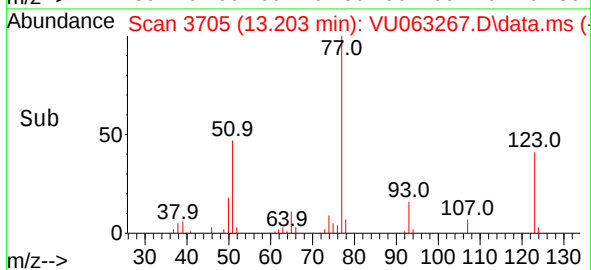
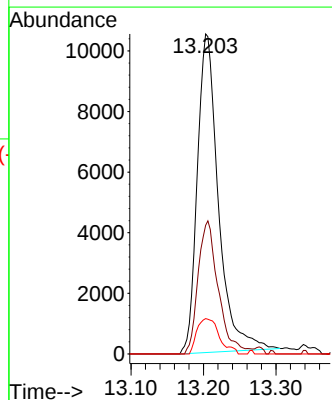
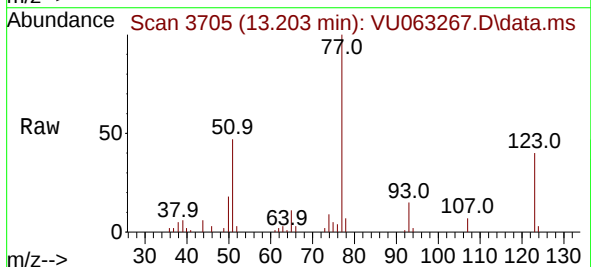
Instrument :
 MSVOA_U
 ClientSampleId :

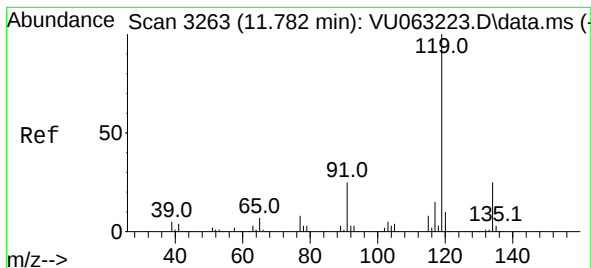
Tgt Ion:105 Resp: 800494
 Ion Ratio Lower Upper
 105 100
 134 18.8 15.1 22.7



#80
 Nitrobenzene
 Concen: 47.167 ug/l
 RT: 13.203 min Scan# 3705
 Delta R.T. 0.000 min
 Lab File: VU063267.D
 Acq: 13 Feb 2025 18:44

Tgt Ion: 77 Resp: 21307
 Ion Ratio Lower Upper
 77 100
 123 37.9 18.9 67.1
 65 11.7 11.9 15.1#





#81

p-Isopropyltoluene

Concen: 12.177 ug/l

RT: 11.782 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU063267.D

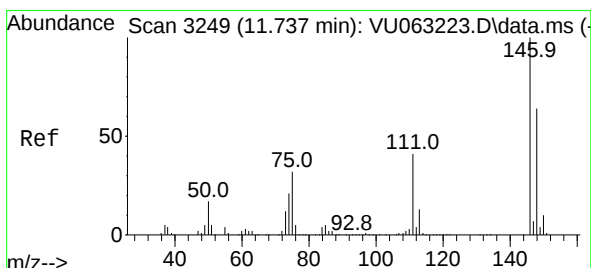
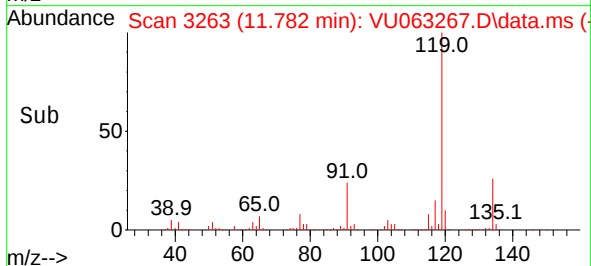
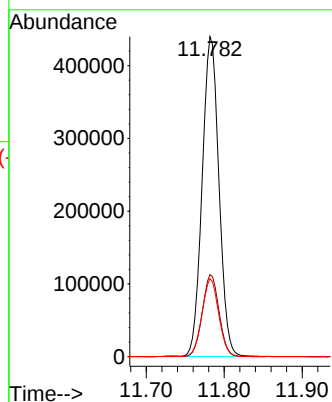
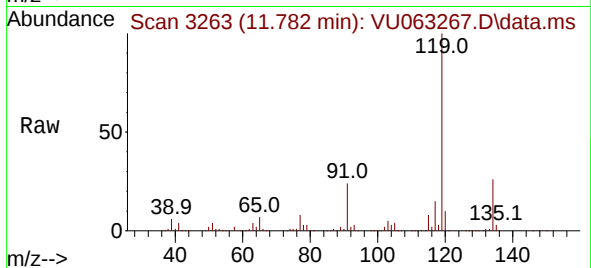
Acq: 13 Feb 2025 18:44

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	119	Resp:	656522
Ion Ratio	Lower	Upper	
119	100		
134	25.6	20.3	30.5
91	24.1	19.4	29.2



#82

1,3-Dichlorobenzene

Concen: 11.160 ug/l

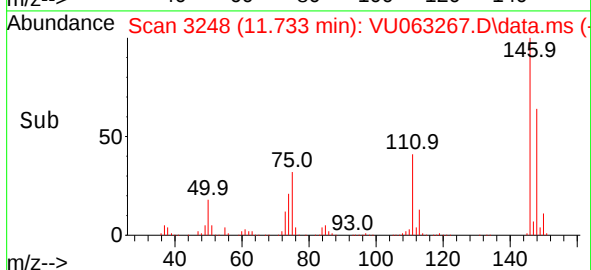
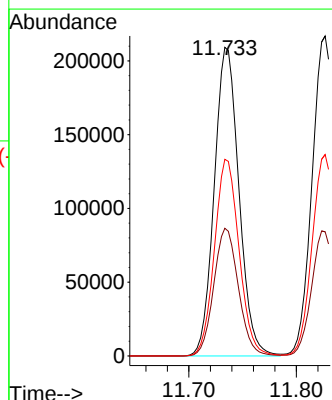
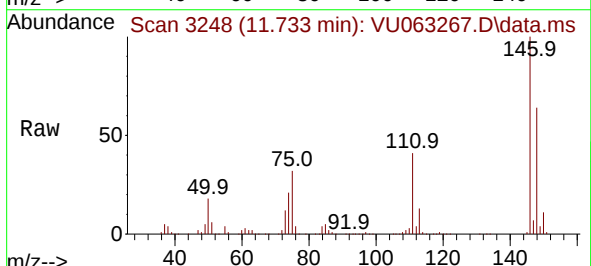
RT: 11.733 min Scan# 3248

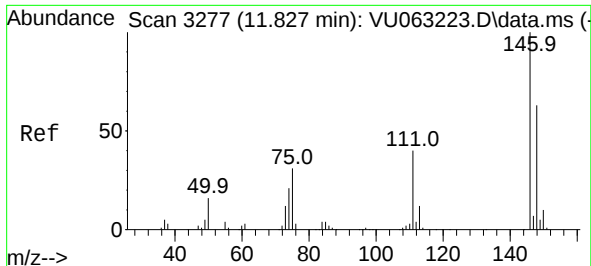
Delta R.T. -0.003 min

Lab File: VU063267.D

Acq: 13 Feb 2025 18:44

Tgt Ion:	146	Resp:	333944
Ion Ratio	Lower	Upper	
146	100		
111	41.2	32.8	49.2
148	63.6	51.1	76.7





#83

1,4-Dichlorobenzene

Concen: 11.815 ug/l

RT: 11.827 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VU063267.D

Acq: 13 Feb 2025 18:44

Instrument :

MSVOA_U

ClientSampleId :

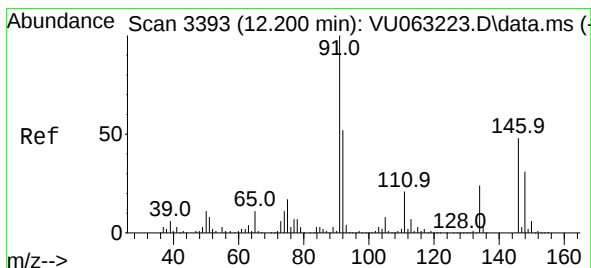
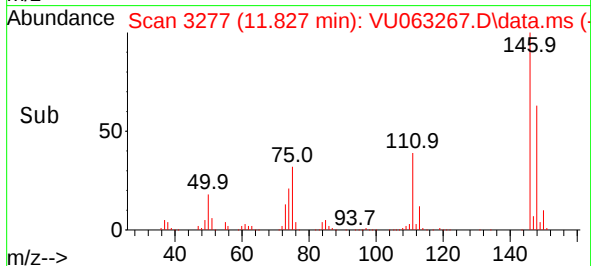
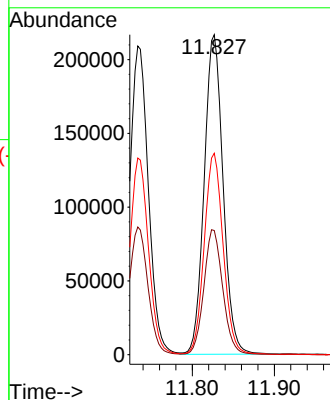
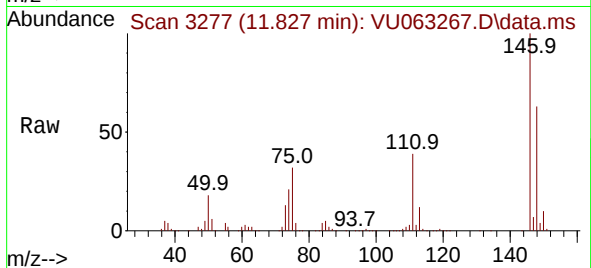
Tgt Ion:146 Resp: 345800

Ion Ratio Lower Upper

146 100

111 39.1 32.1 48.1

148 63.0 50.2 75.4



#84

n-Butylbenzene

Concen: 12.475 ug/l

RT: 12.196 min Scan# 3392

Delta R.T. -0.003 min

Lab File: VU063267.D

Acq: 13 Feb 2025 18:44

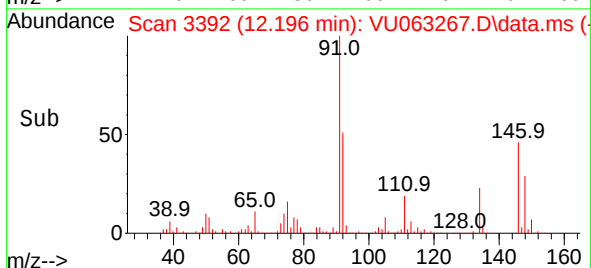
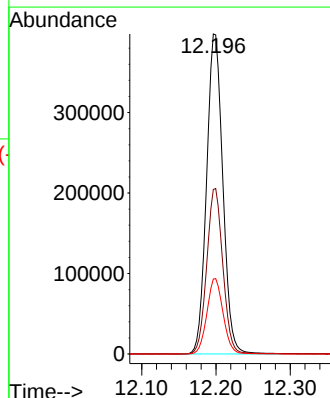
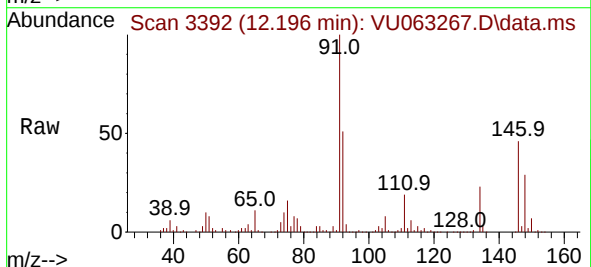
Tgt Ion: 91 Resp: 603086

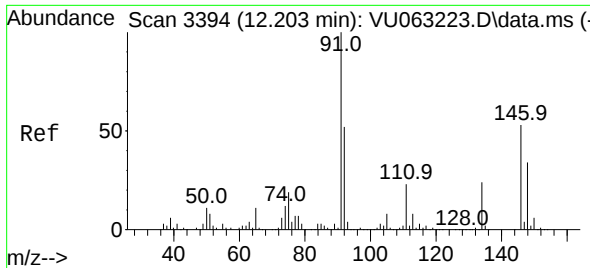
Ion Ratio Lower Upper

91 100

92 51.2 41.8 62.8

134 23.5 18.6 28.0

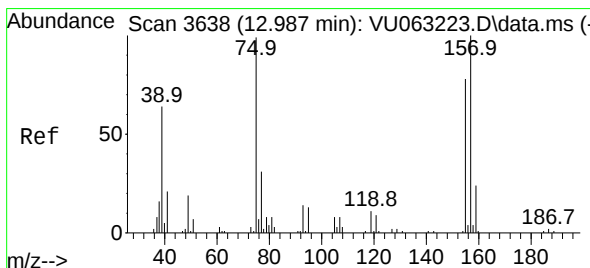
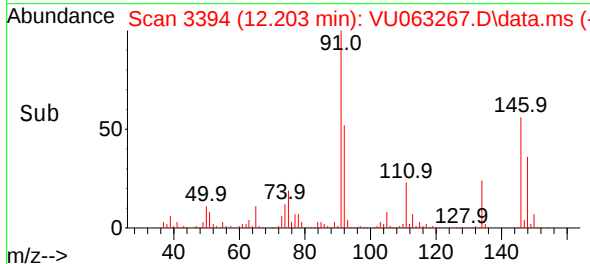
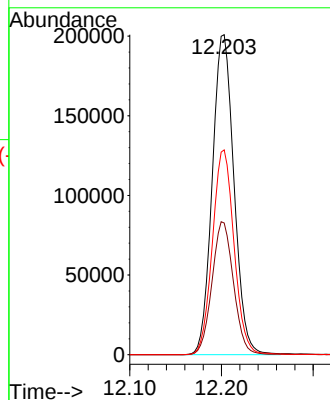
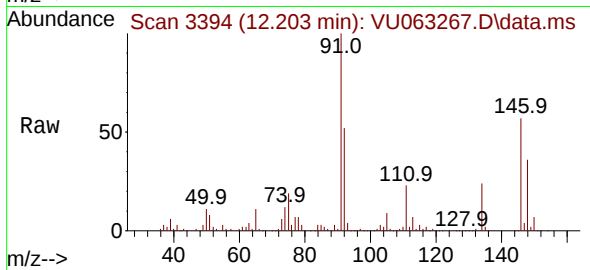




#85
 1,2-Dichlorobenzene
 Concen: 11.480 ug/l
 RT: 12.203 min Scan# 3394
 Delta R.T. 0.000 min
 Lab File: VU063267.D
 Acq: 13 Feb 2025 18:44

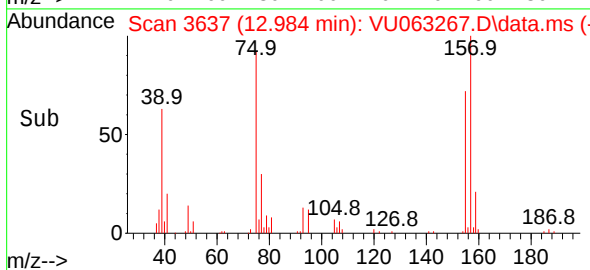
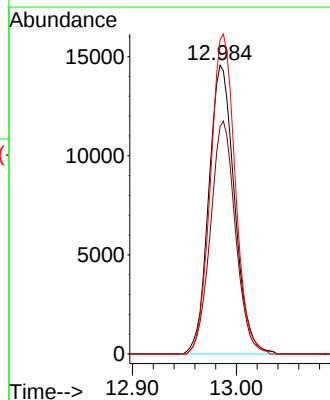
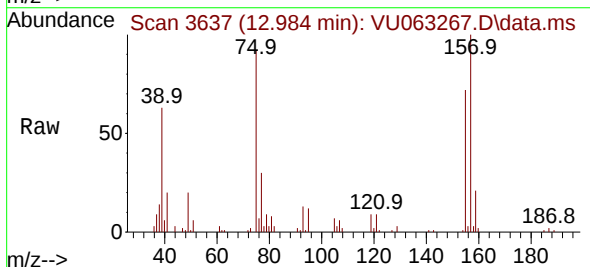
Instrument :
 MSVOA_U
 ClientSampleId :

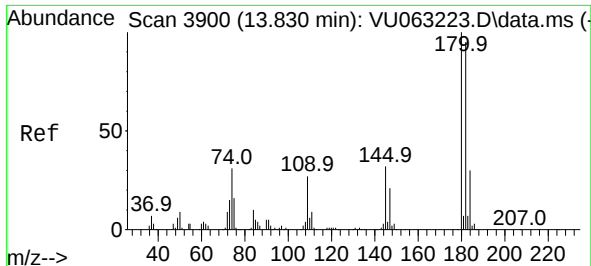
Tgt Ion:146 Resp: 330104
 Ion Ratio Lower Upper
 146 100
 111 41.1 21.9 65.7
 148 64.0 32.3 96.9



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 11.639 ug/l
 RT: 12.984 min Scan# 3637
 Delta R.T. -0.003 min
 Lab File: VU063267.D
 Acq: 13 Feb 2025 18:44

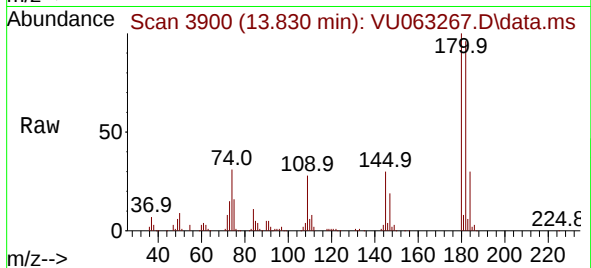
Tgt Ion: 75 Resp: 25038
 Ion Ratio Lower Upper
 75 100
 155 78.3 63.5 95.3
 157 106.4 81.8 122.6



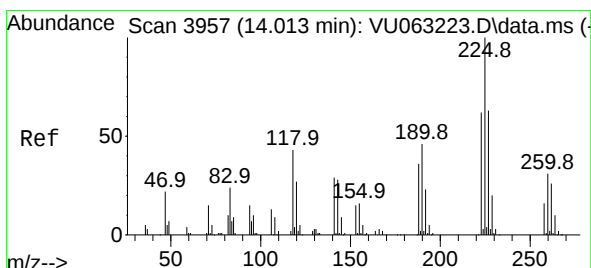
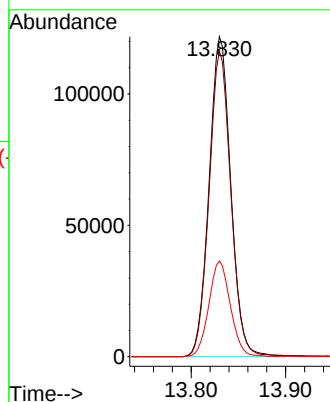
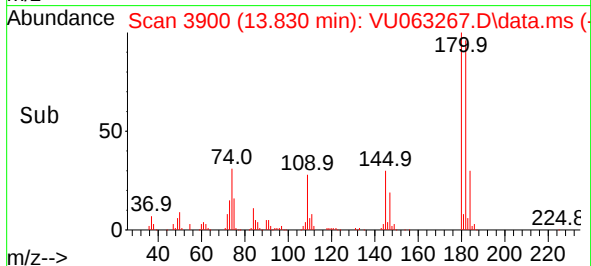


#87
1,2,4-Trichlorobenzene
Concen: 13.840 ug/l
RT: 13.830 min Scan# 3900
Delta R.T. 0.000 min
Lab File: VU063267.D
Acq: 13 Feb 2025 18:44

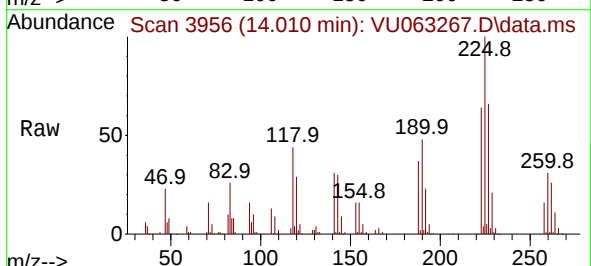
Instrument :
MSVOA_U
ClientSampleId :



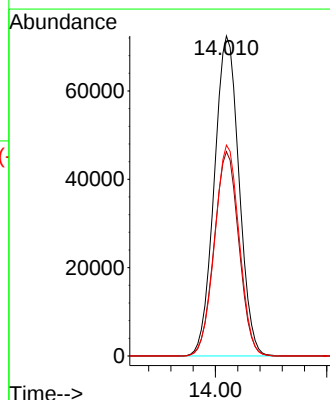
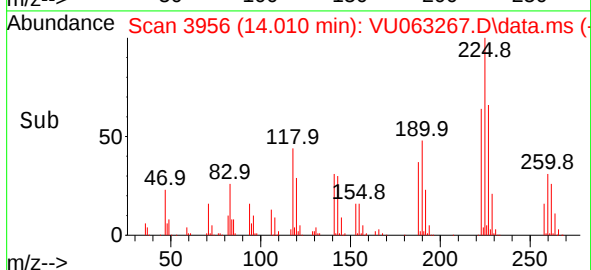
Tgt Ion:180 Resp: 194103
Ion Ratio Lower Upper
180 100
182 95.7 76.6 115.0
145 29.7 25.4 38.2

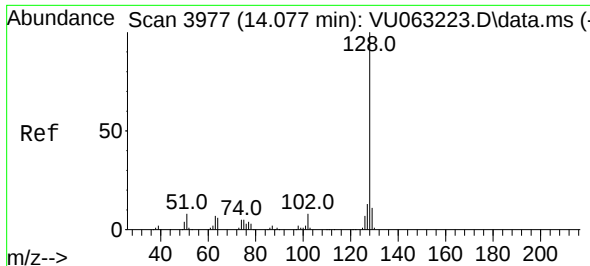


#88
Hexachlorobutadiene
Concen: 11.149 ug/l
RT: 14.010 min Scan# 3956
Delta R.T. -0.003 min
Lab File: VU063267.D
Acq: 13 Feb 2025 18:44



Tgt Ion:225 Resp: 111746
Ion Ratio Lower Upper
225 100
223 63.6 49.5 74.3
227 65.5 51.0 76.4





#89

Naphthalene

Concen: 10.105 ug/l

RT: 14.077 min Scan# 3977

Delta R.T. 0.000 min

Lab File: VU063267.D

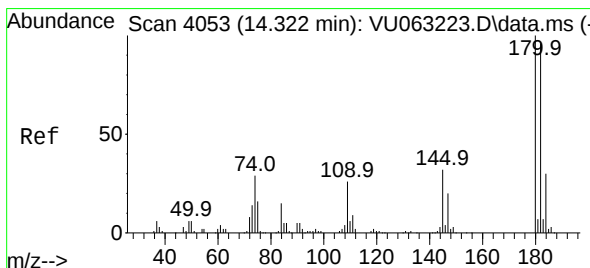
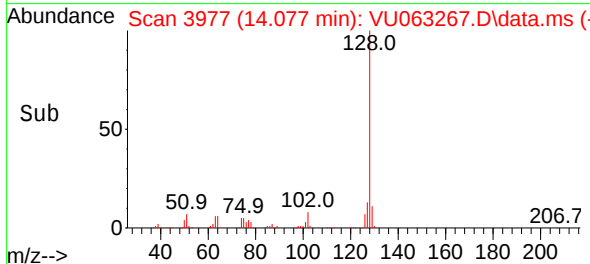
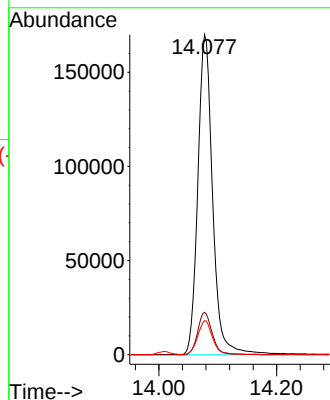
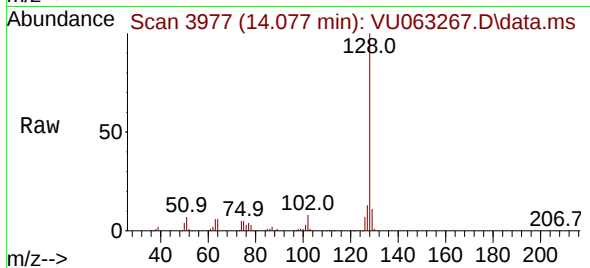
Acq: 13 Feb 2025 18:44

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:128	Resp:	296195
Ion Ratio	Lower	Upper
128	100	
127	13.0	10.6 16.0
129	10.7	8.6 13.0



#90

1,2,3-Trichlorobenzene

Concen: 12.768 ug/l

RT: 14.319 min Scan# 4052

Delta R.T. -0.003 min

Lab File: VU063267.D

Acq: 13 Feb 2025 18:44

Tgt Ion:180	Resp:	175214
Ion Ratio	Lower	Upper
180	100	
182	94.9	78.2 117.2
145	32.8	26.1 39.1

