

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080724\
 Data File : VU060333.D
 Acq On : 07 Aug 2024 13:39
 Operator : MD/SY
 Sample : VU0807WBSD01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 08 05:56:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U080524DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Aug 06 11:07:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.113	96	33213	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	11929	1.054	ug/l	0.00
Spiked Amount 1.000			Recovery	=	105.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	13460	1.095	ug/l	0.00
Spiked Amount 1.000			Recovery	=	109.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	23825	1.865	ug/l	97
3) Chloromethane	1.518	50	25740	1.762	ug/l	97
4) Vinyl Chloride	1.602	62	26825	1.837	ug/l	99
5) Bromomethane	1.856	94	18867	2.103	ug/l	95
6) Chloroethane	1.930	64	17689	2.002	ug/l	96
7) Trichlorofluoromethane	2.136	101	34171	1.940	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	19310	2.015	ug/l	93
9) 1,1-Dichloroethene	2.576	96	18934	1.907	ug/l	94
10) Iodomethane	2.718	142	29329	1.992	ug/l	96
11) Allyl Chloride	2.917	41	21702	1.594	ug/l	97
12) Acrylonitrile	3.338	53	6531	2.517	ug/l	90
13) Acetone	2.653	43	28565	9.065	ug/l	96
14) Carbon Disulfide	2.789	76	63382	1.883	ug/l	99
15) Methylene Chloride	3.039	84	24756	1.992	ug/l	97
16) trans-1,2-Dichloroethene	3.348	96	20903	1.965	ug/l	92
17) 1,1-Dichloroethane	3.862	63	37630	1.840	ug/l #	94
18) 2-Butanone	4.727	43	32132	8.827	ug/l	99
19) Cyclohexane	5.383	56	24752	1.404	ug/l	87
20) Methylcyclohexane	6.756	83	27524	1.967	ug/l	98
21) 2,2-Dichloropropane	4.657	77	29043	1.823	ug/l	96
22) cis-1,2-Dichloroethene	4.663	96	22079	1.937	ug/l	92
23) Diethyl Ether	2.374	59	15656	1.940	ug/l	97
24) tert-Butyl Alcohol	3.242	59	5968	5.921	ug/l	99
25) Methyl tert-Butyl Ether	3.361	73	39457	1.619	ug/l	96
26) Bromochloromethane	4.968	128	9991	2.070	ug/l	89
27) Chloroform	5.081	83	40848	2.041	ug/l	93
28) 1,1,1-Trichloroethane	5.309	97	32453	1.952	ug/l	98
29) 1,1-Dichloropropene	5.522	75	26062	1.956	ug/l	100
30) Carbon Tetrachloride	5.518	117	28263	2.086	ug/l	97
31) Isopropyl Ether	3.988	45	45171	1.511	ug/l	93
32) Ethyl-t-butyl ether	4.493	59	43372	1.501	ug/l	96
33) Tert-Amyl methyl ether	5.933	73	39989	1.949	ug/l	99
34) Propionitrile	4.827	54	6395	6.146	ug/l #	81
35) Benzene	5.766	78	83673	2.038	ug/l	100
36) 1,2-Dichloroethane	5.792	62	21966	1.925	ug/l	98
37) Trichloroethene	6.538	130	22531	2.217	ug/l	90
38) 1,2-Dichloropropane	6.785	63	22754	2.049	ug/l	96
39) Methacrylonitrile	4.985	41	4066	1.080	ug/l	93
40) Methyl acrylate	4.866	55	5503	0.835	ug/l #	86
41) Tetrahydrofuran	5.071	42	5100	2.487	ug/l	91
42) 1-Chlorobutane	5.451	56	33791	1.840	ug/l	94
43) Dibromomethane	6.914	93	10930	1.946	ug/l	96
44) Bromodichloromethane	7.097	83	27676	2.052	ug/l	96

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U080524DW.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.788	43	48089	9.116	ug/l	99
46) t-1,4-Dichloro-2-butene	10.817	75	22851	7.731	ug/l #	58
47) Methyl methacrylate	6.962	69	17391	3.815	ug/l	97
48) Ethyl methacrylate	8.332	69	15554	2.010	ug/l	96
49) Toluene	7.965	92	48038	2.110	ug/l	97
50) t-1,3-Dichloropropene	8.206	75	23292	2.092	ug/l	95
51) cis-1,3-Dichloropropene	7.602	75	28434	2.123	ug/l	99
52) 1,1,2-Trichloroethane	8.393	97	16150	1.958	ug/l	99
53) 1,3-Dichloropropane	8.570	76	26328	2.001	ug/l	99
54) 2-Hexanone	8.682	43	42389	10.368	ug/l	99
55) Dibromochloromethane	8.804	129	18870	2.086	ug/l	99
56) 1,2-Dibromoethane	8.920	107	14932	2.019	ug/l	99
58) Tetrachloroethene	8.547	164	19988	2.201	ug/l	98
59) Chlorobenzene	9.444	112	55141	2.237	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.528	131	19777	2.037	ug/l	97
61) Pentachloroethane	11.418	117	16803	2.026	ug/l	97
62) Hexachloroethane	12.467	117	16164	2.016	ug/l	99
63) Ethyl Benzene	9.566	91	82139	2.141	ug/l	99
64) m/p-Xylenes	9.689	106	65615	4.185	ug/l	95
65) o-Xylene	10.094	106	32328	2.160	ug/l	97
66) Styrene	10.110	104	51728	2.066	ug/l	99
67) Bromoform	10.283	173	10938	2.065	ug/l	95
69) Isopropylbenzene	10.480	105	81921	2.154	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.775	83	21415	1.952	ug/l	99
71) 1,2,3-Trichloropropane	10.817	75	22851	2.811	ug/l #	55
72) Bromobenzene	10.779	156	23295	2.302	ug/l	98
73) n-propylbenzene	10.901	120	23105	2.136	ug/l	98
74) 2-Chlorotoluene	10.981	126	22288	2.148	ug/l	95
75) 1,3,5-Trimethylbenzene	11.084	105	70488	2.080	ug/l	100
76) 4-Chlorotoluene	11.094	126	23767	2.194	ug/l	92
77) tert-Butylbenzene	11.412	119	69261	2.135	ug/l	98
78) 1,2,4-Trimethylbenzene	11.463	105	72202	2.084	ug/l	99
79) sec-Butylbenzene	11.637	105	95440	2.150	ug/l	99
80) Nitrobenzene	13.216	77	3316	6.881	ug/l #	84
81) p-Isopropyltoluene	11.788	119	75734	2.128	ug/l	99
82) 1,3-Dichlorobenzene	11.740	146	49627	2.350	ug/l	98
83) 1,4-Dichlorobenzene	11.833	146	47729	2.277	ug/l	98
84) n-Butylbenzene	12.203	91	74118	2.142	ug/l	98
85) 1,2-Dichlorobenzene	12.206	146	45317	2.219	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.991	75	2690	1.691	ug/l	87
87) 1,2,4-Trichlorobenzene	13.836	180	25700	2.200	ug/l	97
88) Hexachlorobutadiene	14.013	225	17276	2.287	ug/l	99
89) Naphthalene	14.084	128	36105	1.747	ug/l	98
90) 1,2,3-Trichlorobenzene	14.325	180	22902	2.008	ug/l	97

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

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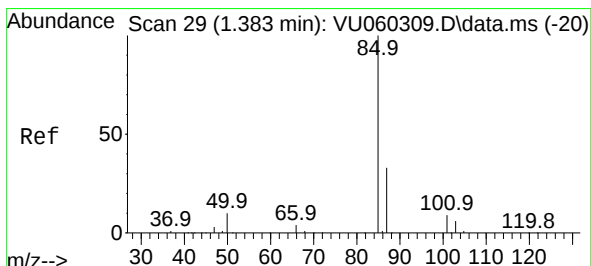
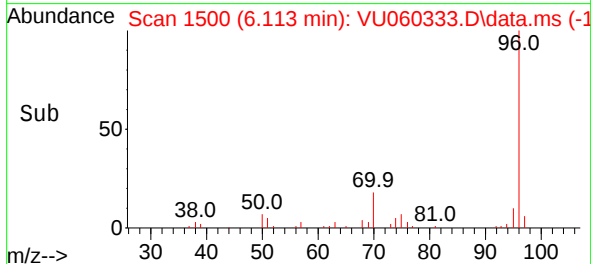
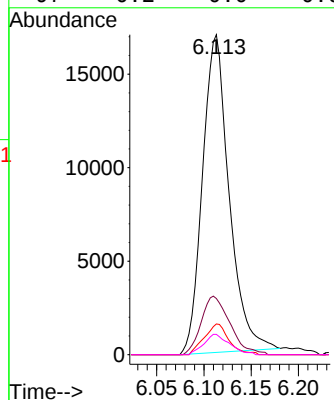
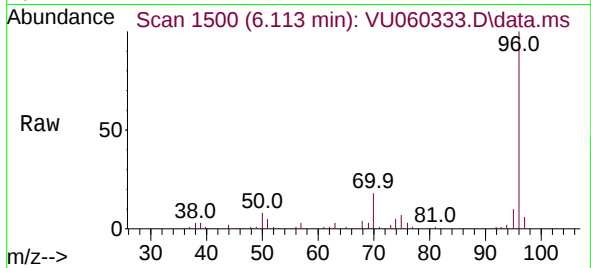




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.113 min Scan# 1498
Delta R.T. 0.006 min
Lab File: VU060333.D
Acq: 07 Aug 2024 13:39

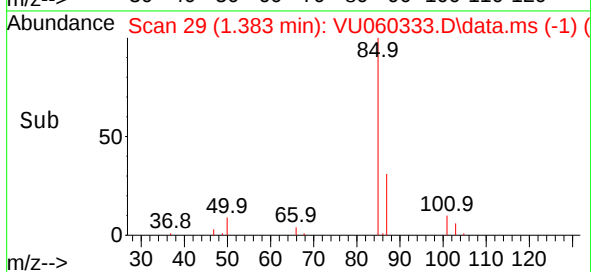
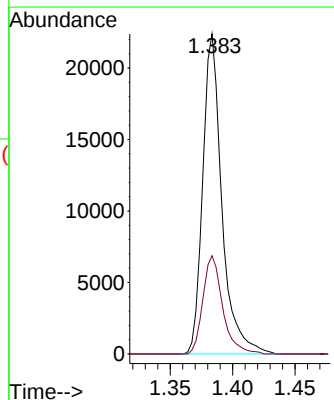
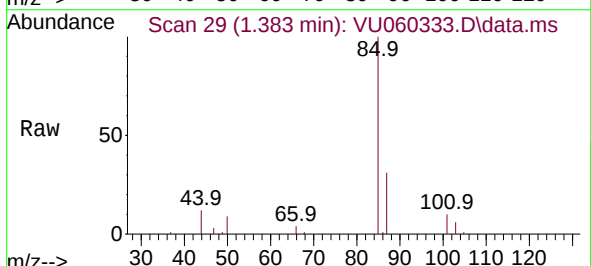
Instrument :
MSVOA_U
ClientSampleId :

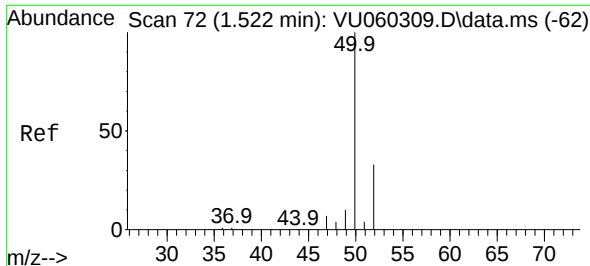
Tgt Ion: 96	Resp: 33213
Ion Ratio	Lower Upper
96	100
70	19.9 17.2 25.8
95	9.0 7.9 11.9
97	6.2 0.0 0.0



#2
Dichlorodifluoromethane
Concen: 1.865 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU060333.D
Acq: 07 Aug 2024 13:39

Tgt Ion: 85	Resp: 23825
Ion Ratio	Lower Upper
85	100
87	30.7 16.3 48.9





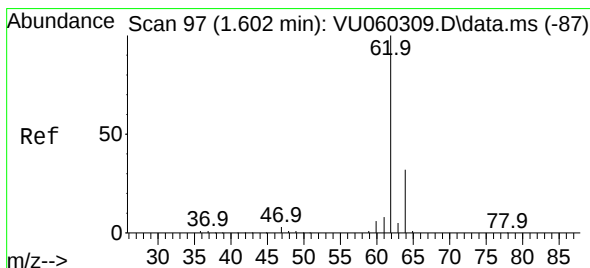
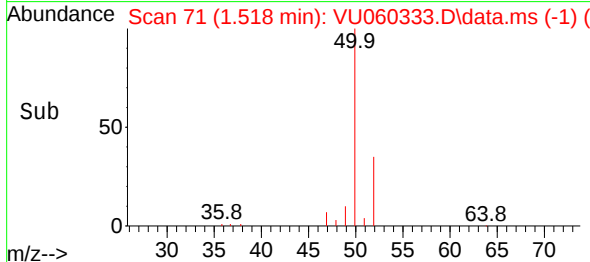
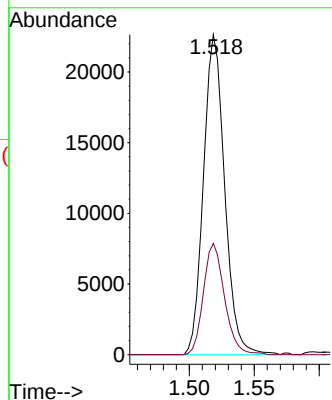
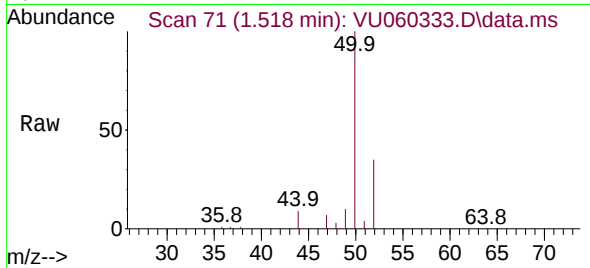
#3
Chloromethane
Concen: 1.762 ug/l
RT: 1.518 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU060333.D
Acq: 07 Aug 2024 13:39

Instrument :

MSVOA_U

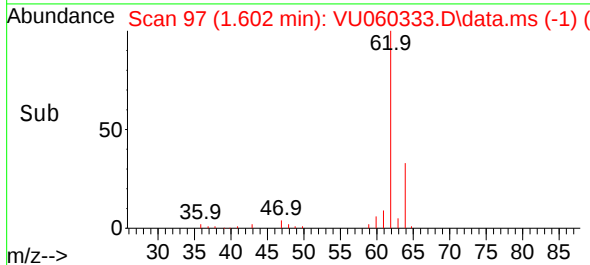
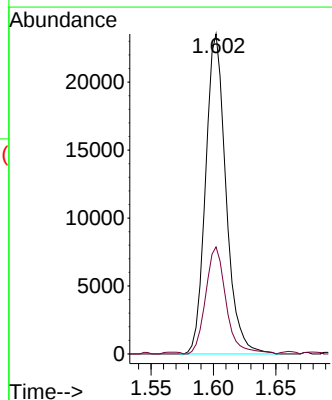
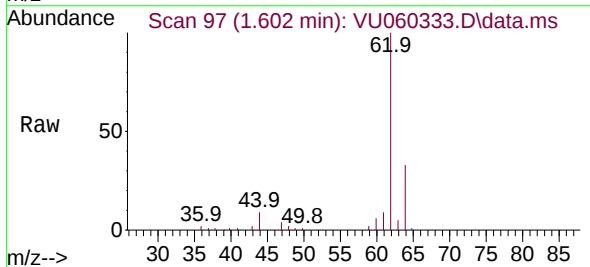
ClientSampleId :

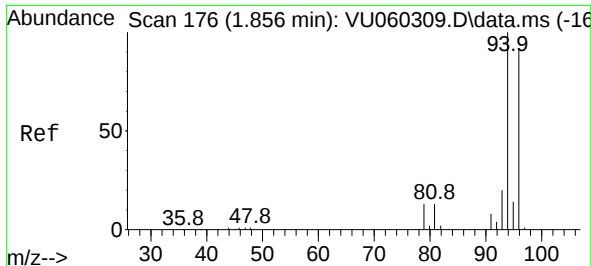
Tgt Ion: 50 Resp: 25740
Ion Ratio Lower Upper
50 100
52 34.8 26.5 39.7



#4
Vinyl Chloride
Concen: 1.837 ug/l
RT: 1.602 min Scan# 97
Delta R.T. 0.000 min
Lab File: VU060333.D
Acq: 07 Aug 2024 13:39

Tgt Ion: 62 Resp: 26825
Ion Ratio Lower Upper
62 100
64 33.0 25.8 38.6

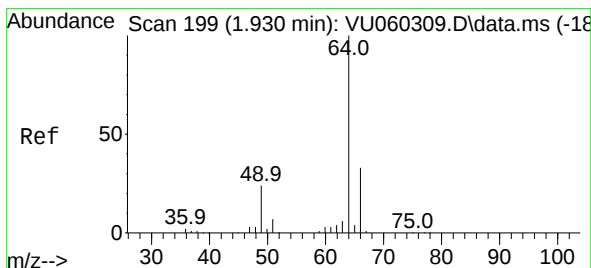
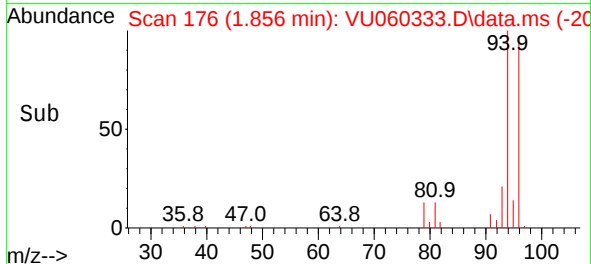
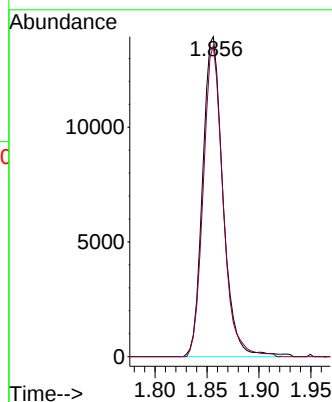
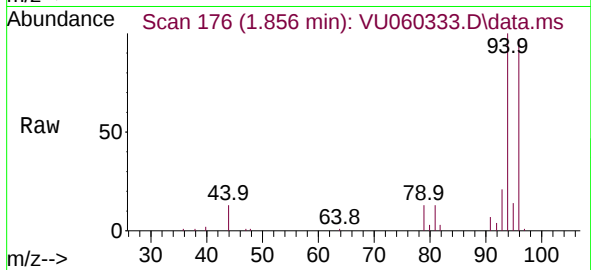




#5
Bromomethane
Concen: 2.103 ug/l
RT: 1.856 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU060333.D
Acq: 07 Aug 2024 13:39

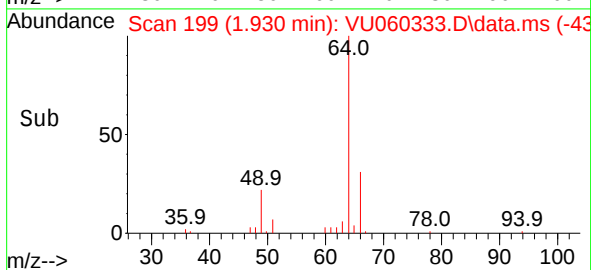
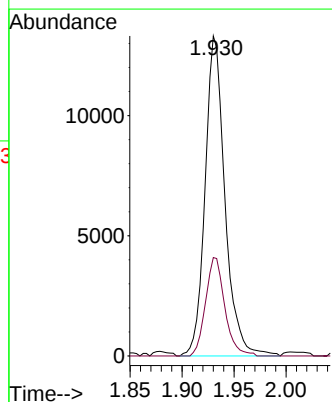
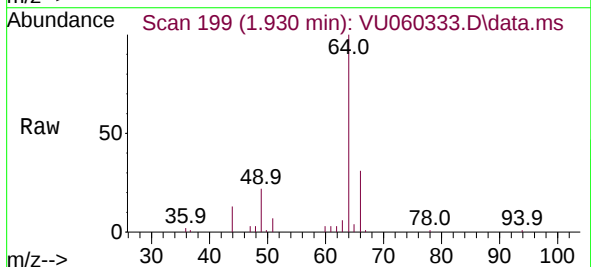
Instrument :
MSVOA_U
ClientSampleId :

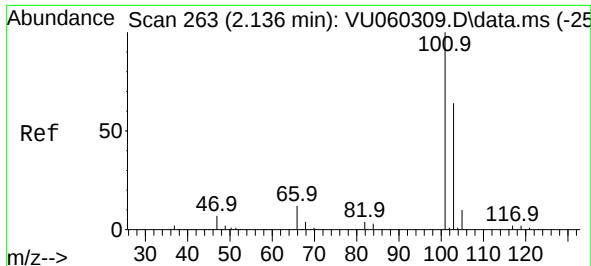
Tgt Ion: 94 Resp: 18867
Ion Ratio Lower Upper
94 100
96 97.2 73.8 110.8



#6
Chloroethane
Concen: 2.002 ug/l
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU060333.D
Acq: 07 Aug 2024 13:39

Tgt Ion: 64 Resp: 17689
Ion Ratio Lower Upper
64 100
66 30.7 26.3 39.5

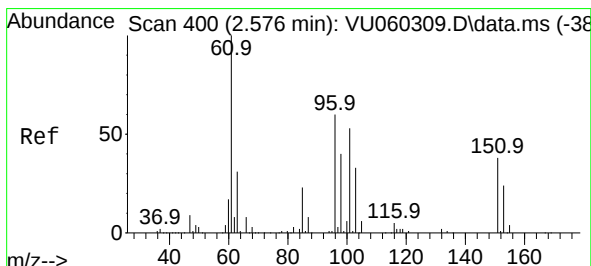
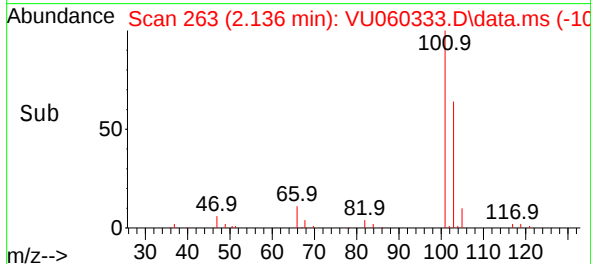
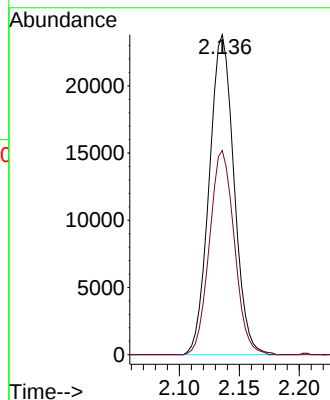
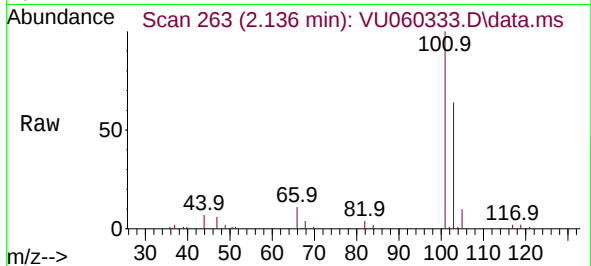




#7
Trichlorofluoromethane
Concen: 1.940 ug/l
RT: 2.136 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU060333.D
Acq: 07 Aug 2024 13:39

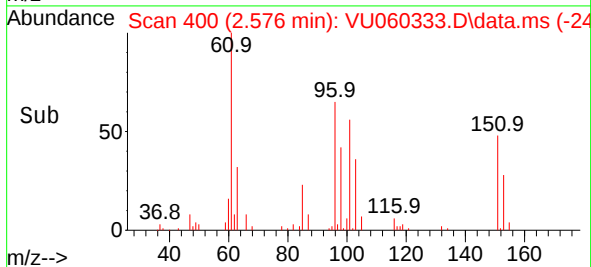
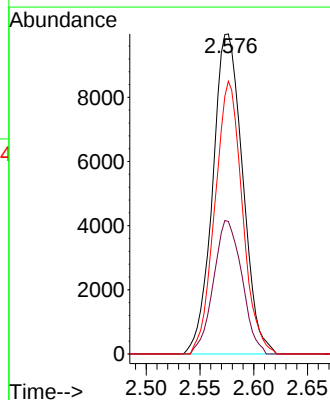
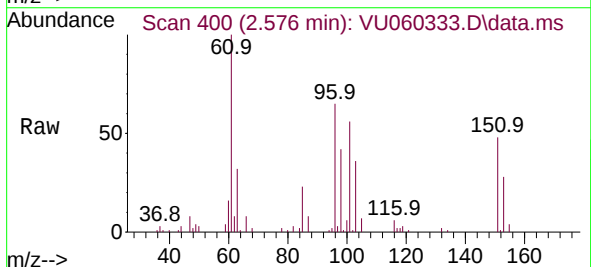
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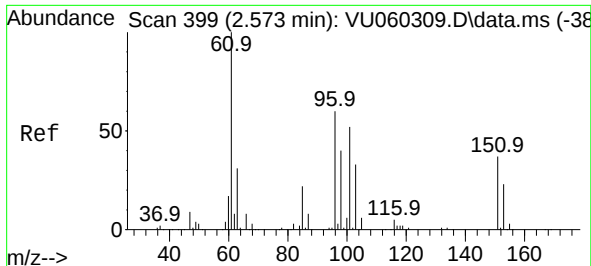
Tgt Ion:101 Resp: 34171
Ion Ratio Lower Upper
101 100
103 63.8 51.0 76.4



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.015 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU060333.D
Acq: 07 Aug 2024 13:39

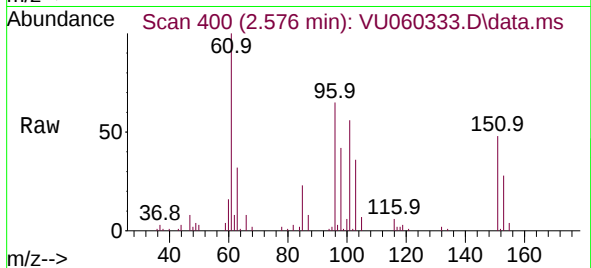
Tgt Ion:101 Resp: 19310
Ion Ratio Lower Upper
101 100
85 39.5 34.9 52.3
151 78.1 57.2 85.8



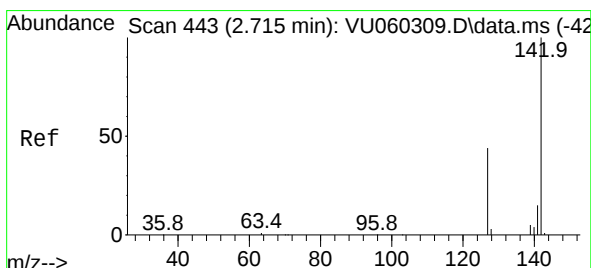
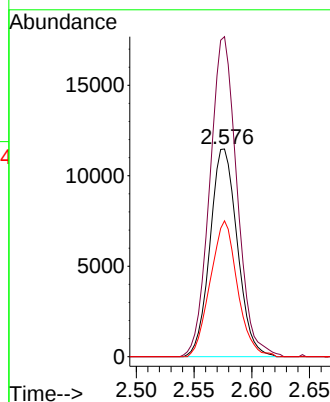
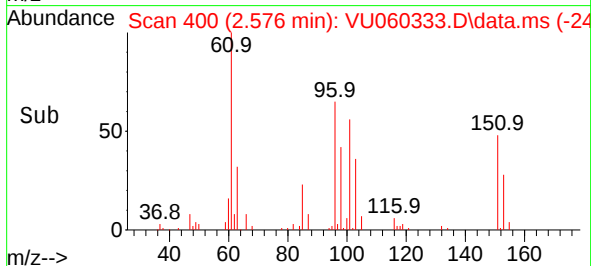


#9
1,1-Dichloroethene
Concen: 1.907 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU060333.D
Acq: 07 Aug 2024 13:39

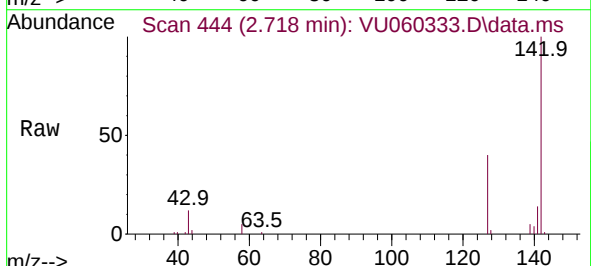
Instrument :
MSVOA_U
ClientSampleId :



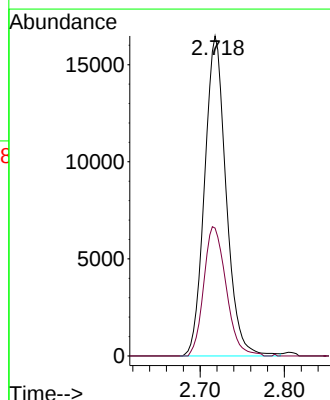
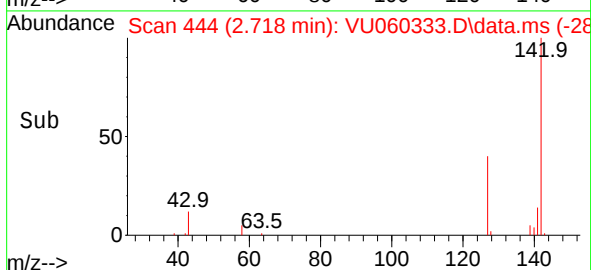
Tgt Ion: 96 Resp: 18934
Ion Ratio Lower Upper
96 100
61 154.0 0.0 495.9
98 65.4 0.0 131.6

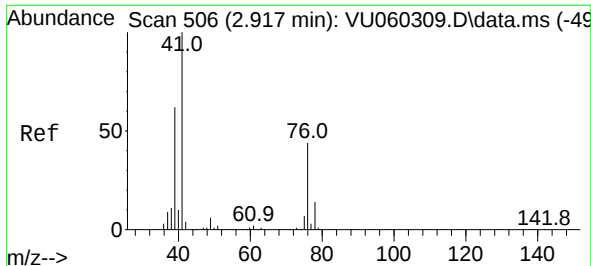


#10
Iodomethane
Concen: 1.992 ug/l
RT: 2.718 min Scan# 444
Delta R.T. 0.003 min
Lab File: VU060333.D
Acq: 07 Aug 2024 13:39



Tgt Ion: 142 Resp: 29329
Ion Ratio Lower Upper
142 100
127 42.0 35.5 53.3





#11

Allyl Chloride

Concen: 1.594 ug/l

RT: 2.917 min Scan# 506

Delta R.T. 0.000 min

Lab File: VU060333.D

Acq: 07 Aug 2024 13:39

Instrument :

MSVOA_U

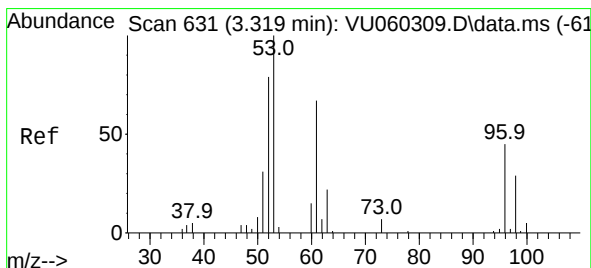
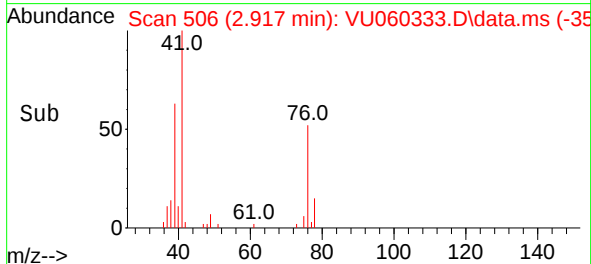
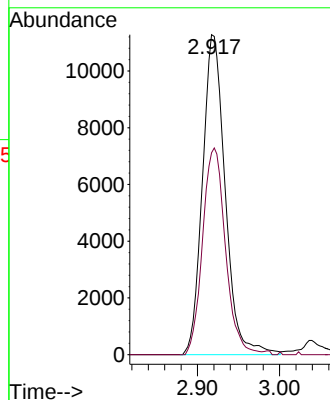
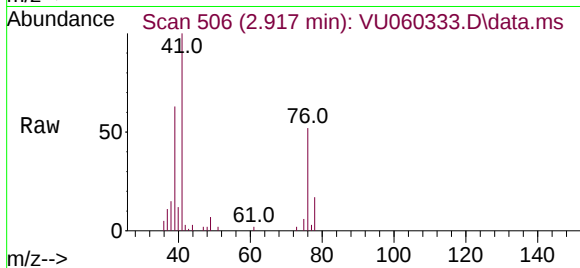
ClientSampleId :

Tgt Ion: 41 Resp: 21702

Ion Ratio Lower Upper

41 100

39 65.0 50.0 75.0



#12

Acrylonitrile

Concen: 2.517 ug/l

RT: 3.338 min Scan# 637

Delta R.T. 0.019 min

Lab File: VU060333.D

Acq: 07 Aug 2024 13:39

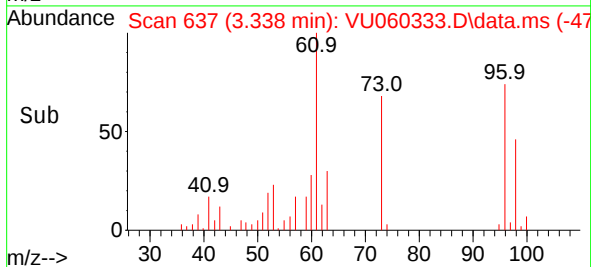
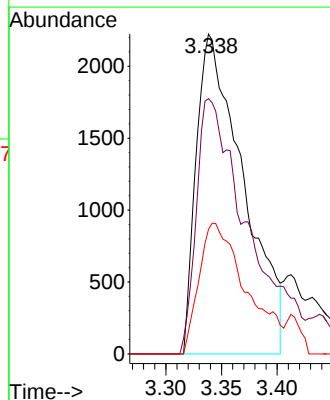
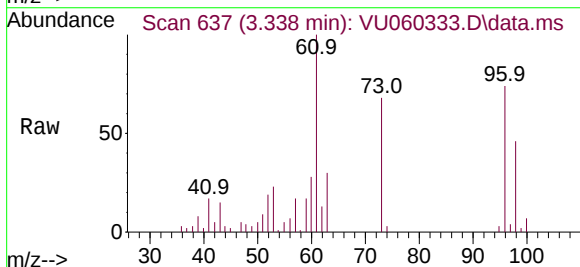
Tgt Ion: 53 Resp: 6531

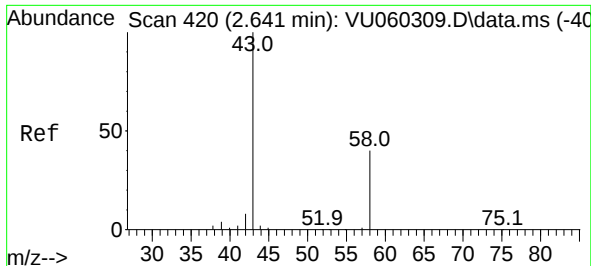
Ion Ratio Lower Upper

53 100

52 88.0 63.7 95.5

51 41.2 28.2 42.4





#13

Acetone

Concen: 9.065 ug/l

RT: 2.653 min Scan# 41

Delta R.T. 0.012 min

Lab File: VU060333.D

Acq: 07 Aug 2024 13:39

Instrument :

MSVOA_U

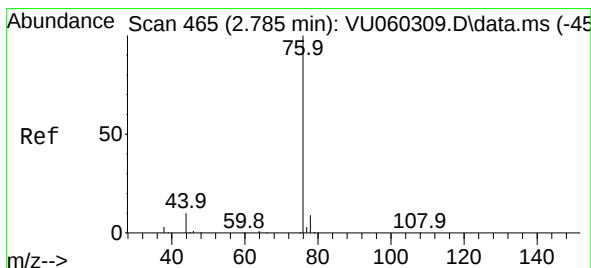
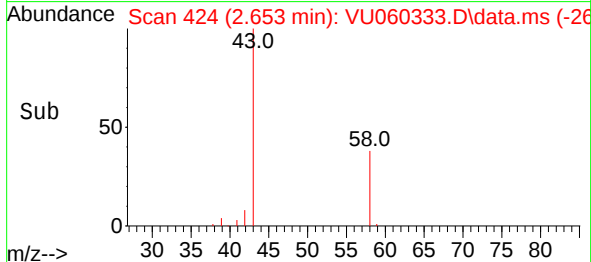
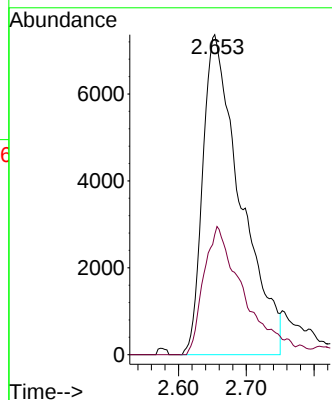
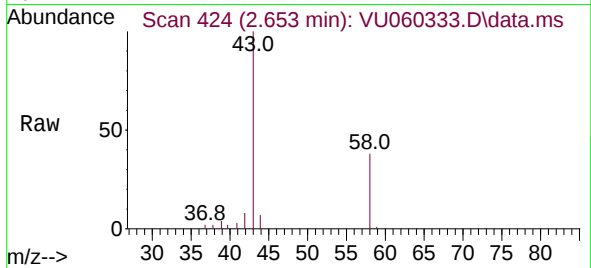
ClientSampleId :

Tgt Ion: 43 Resp: 28565

Ion Ratio Lower Upper

43 100

58 37.5 31.8 47.8



#14

Carbon Disulfide

Concen: 1.883 ug/l

RT: 2.789 min Scan# 466

Delta R.T. 0.003 min

Lab File: VU060333.D

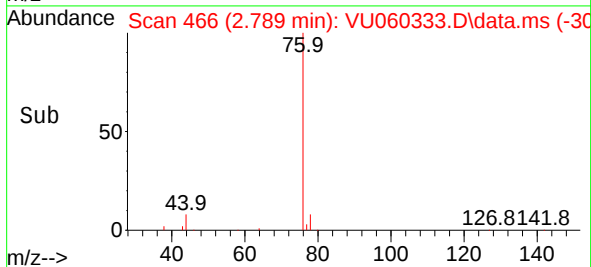
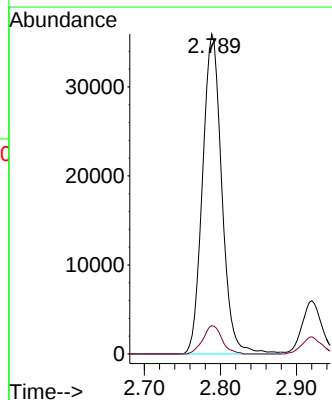
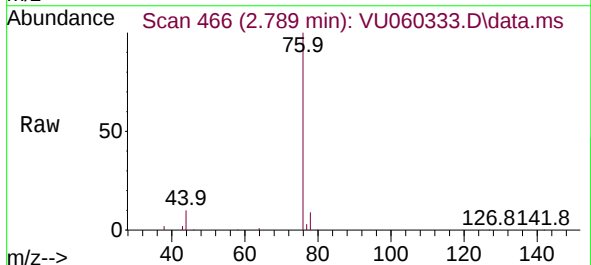
Acq: 07 Aug 2024 13:39

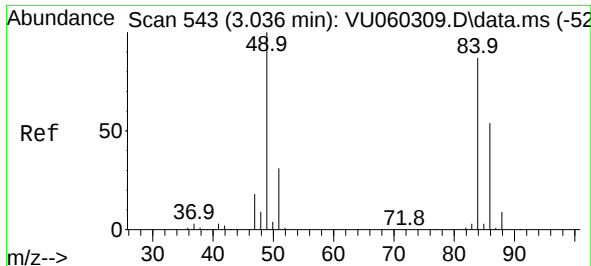
Tgt Ion: 76 Resp: 63382

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.0

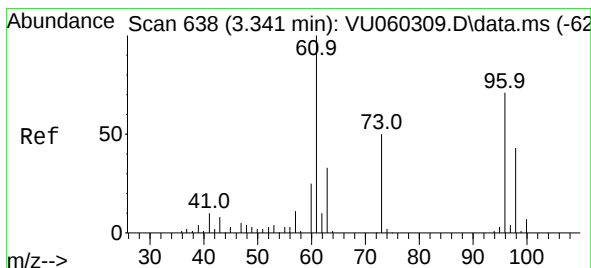
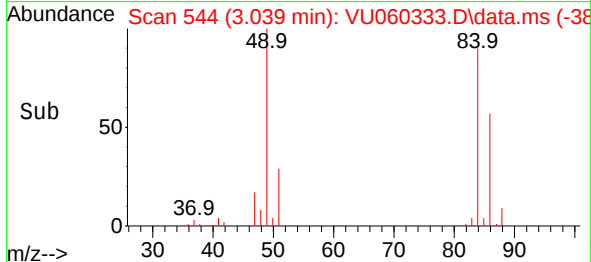
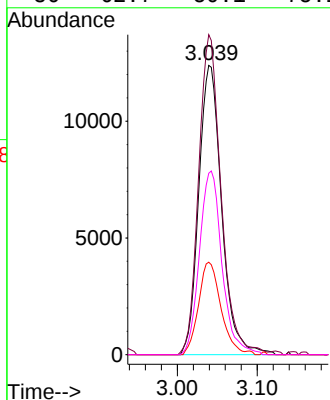
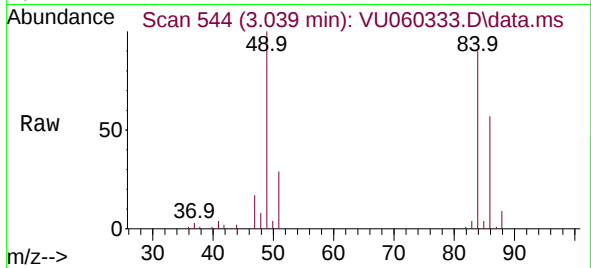




#15
Methylene Chloride
Concen: 1.992 ug/l
RT: 3.039 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU060333.D
Acq: 07 Aug 2024 13:39

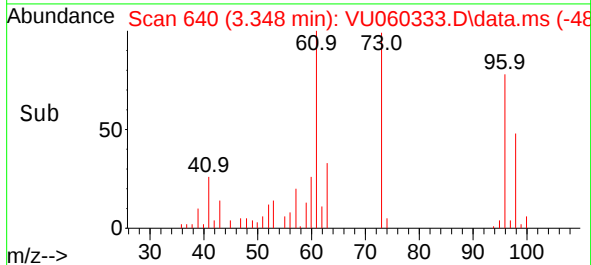
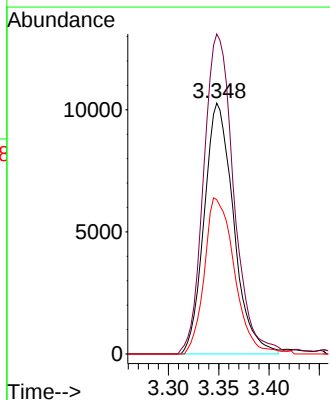
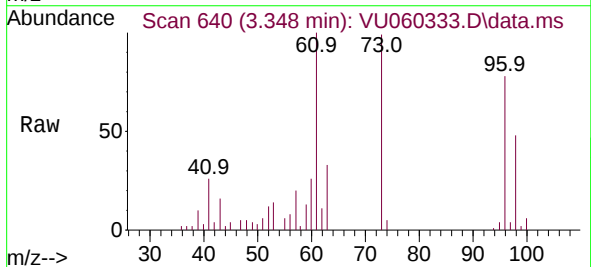
Instrument :
MSVOA_U
ClientSampleId :

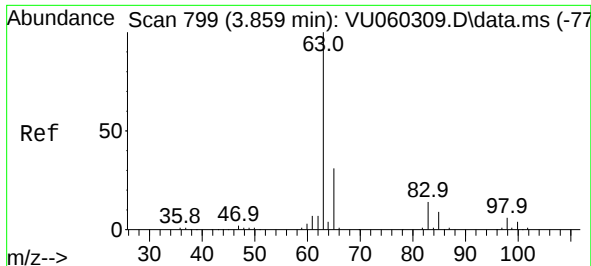
Tgt Ion: 84 Resp: 24756
Ion Ratio Lower Upper
84 100
49 110.6 92.1 138.1
51 32.0 0.0 72.4
86 62.7 50.1 75.1



#16
trans-1,2-Dichloroethene
Concen: 1.965 ug/l
RT: 3.348 min Scan# 640
Delta R.T. 0.006 min
Lab File: VU060333.D
Acq: 07 Aug 2024 13:39

Tgt Ion: 96 Resp: 20903
Ion Ratio Lower Upper
96 100
61 127.5 112.8 169.2
98 61.5 48.7 73.1

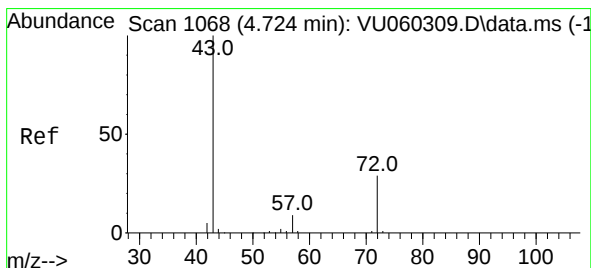
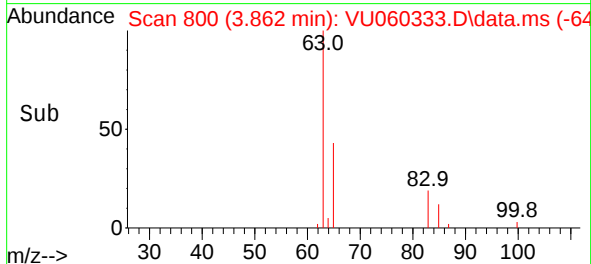
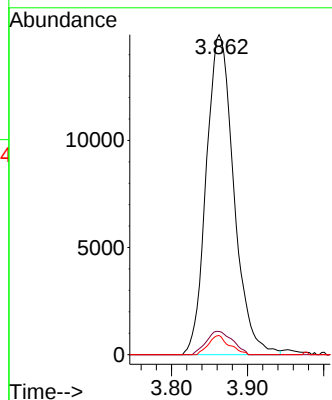
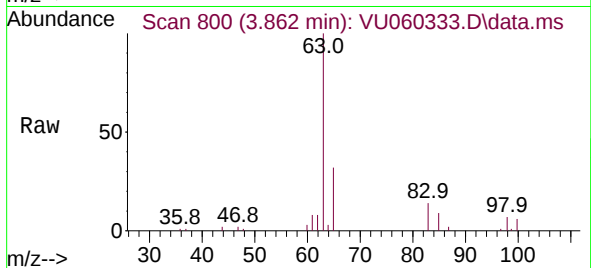




#17
1,1-Dichloroethane
Concen: 1.840 ug/l
RT: 3.862 min Scan# 80
Delta R.T. 0.003 min
Lab File: VU060333.D
Acq: 07 Aug 2024 13:39

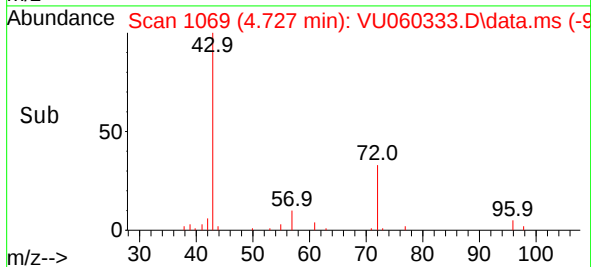
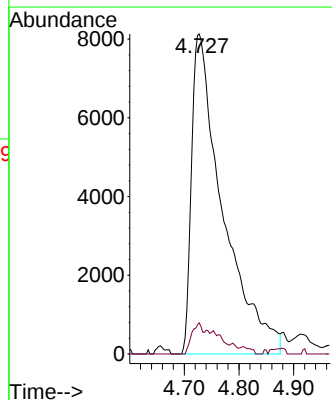
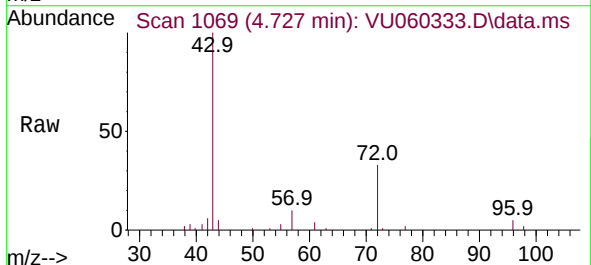
Instrument :
MSVOA_U
ClientSampleId :

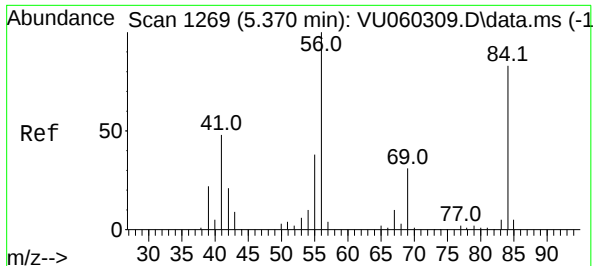
Tgt Ion: 63 Resp: 37630
Ion Ratio Lower Upper
63 100
98 8.0 3.1 9.4
100 6.0 2.0 5.8#



#18
2-Butanone
Concen: 8.827 ug/l
RT: 4.727 min Scan# 1069
Delta R.T. 0.003 min
Lab File: VU060333.D
Acq: 07 Aug 2024 13:39

Tgt Ion: 43 Resp: 32132
Ion Ratio Lower Upper
43 100
57 9.7 0.0 18.4





#19

Cyclohexane

Concen: 1.404 ug/l

RT: 5.383 min Scan# 1700

Delta R.T. 0.013 min

Lab File: VU060333.D

Acq: 07 Aug 2024 13:39

Instrument :

MSVOA_U

ClientSampleId :

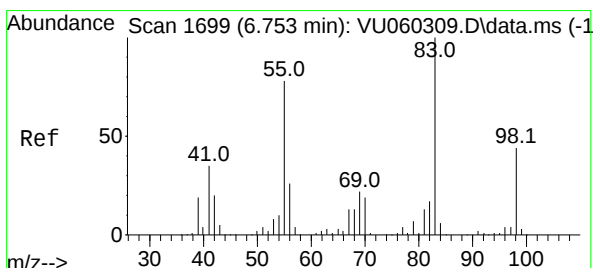
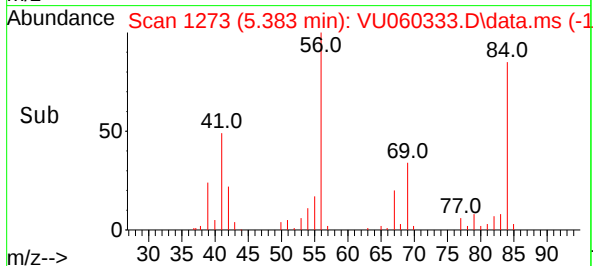
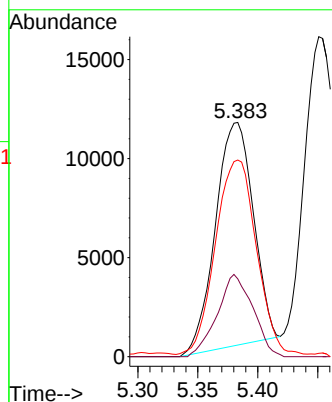
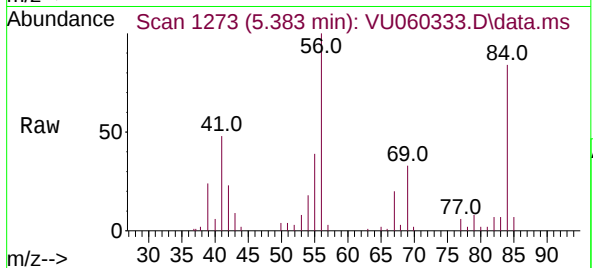
Tgt Ion: 56 Resp: 24752

Ion Ratio Lower Upper

56 100

69 34.6 24.2 36.2

84 93.4 63.9 95.9



#20

Methylcyclohexane

Concen: 1.967 ug/l

RT: 6.756 min Scan# 1700

Delta R.T. 0.003 min

Lab File: VU060333.D

Acq: 07 Aug 2024 13:39

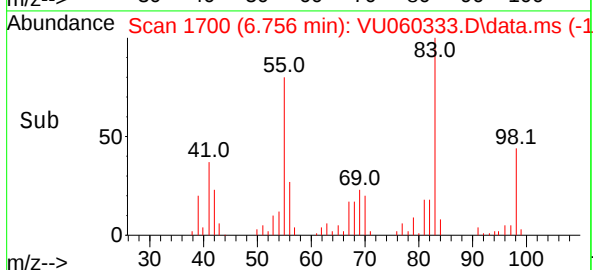
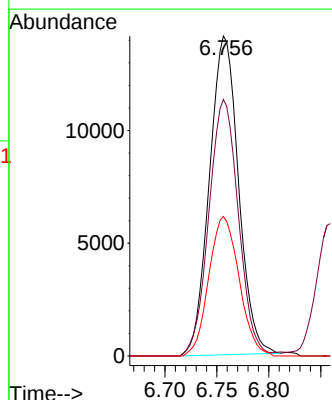
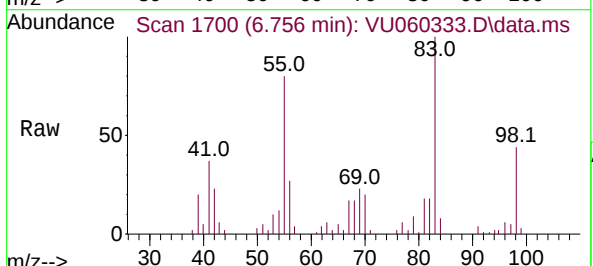
Tgt Ion: 83 Resp: 27524

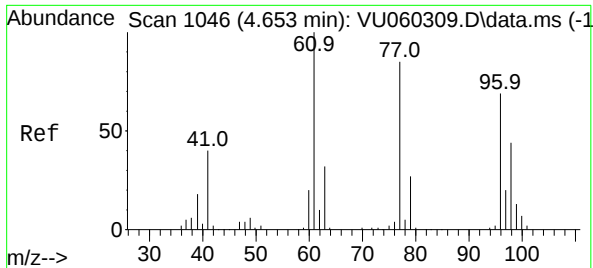
Ion Ratio Lower Upper

83 100

55 80.2 62.2 93.2

98 45.6 36.1 54.1

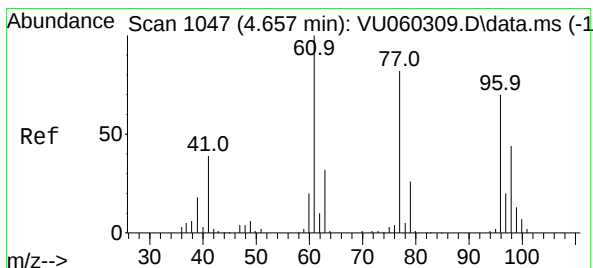
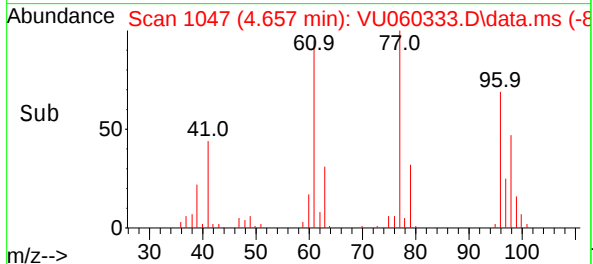
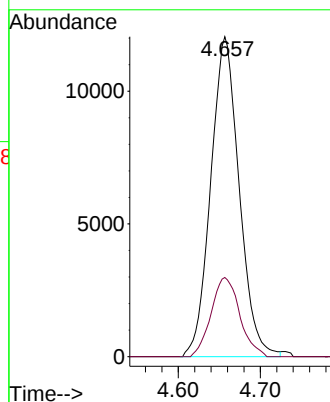
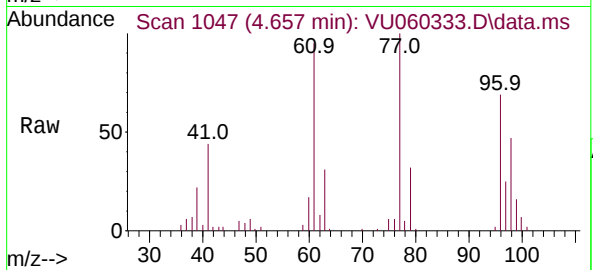




#21
2,2-Dichloropropane
Concen: 1.823 ug/l
RT: 4.657 min Scan# 1046
Delta R.T. 0.003 min
Lab File: VU060333.D
Acq: 07 Aug 2024 13:39

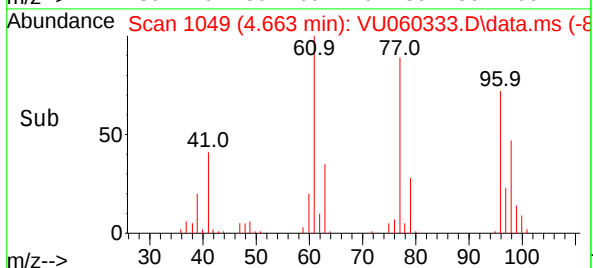
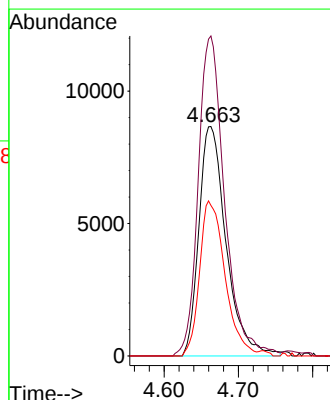
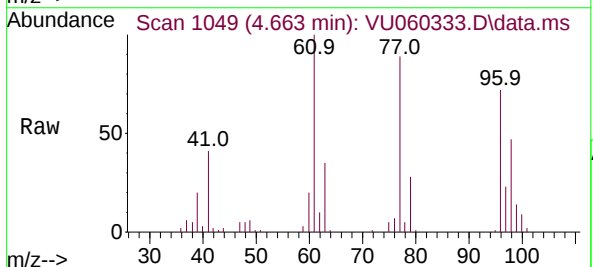
Instrument :
MSVOA_U
ClientSampleId :

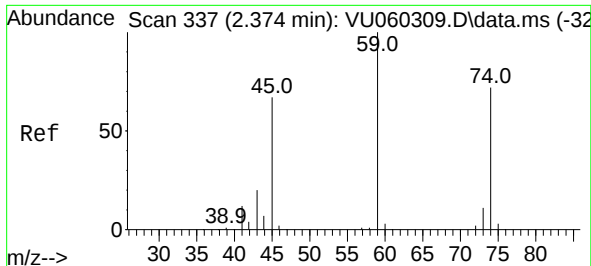
Tgt Ion: 77 Resp: 29043
Ion Ratio Lower Upper
77 100
97 24.9 18.6 27.8



#22
cis-1,2-Dichloroethene
Concen: 1.937 ug/l
RT: 4.663 min Scan# 1049
Delta R.T. 0.006 min
Lab File: VU060333.D
Acq: 07 Aug 2024 13:39

Tgt Ion: 96 Resp: 22079
Ion Ratio Lower Upper
96 100
61 135.2 0.0 372.8
98 63.0 31.8 95.4





#23

Diethyl Ether

Concen: 1.940 ug/l

RT: 2.374 min Scan# 337

Delta R.T. 0.000 min

Lab File: VU060333.D

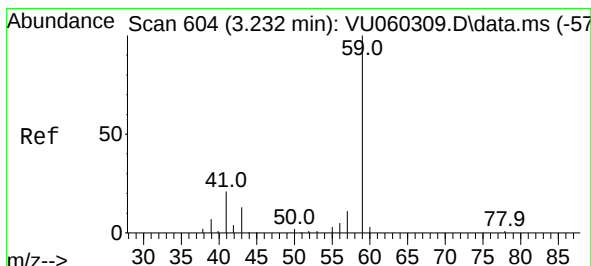
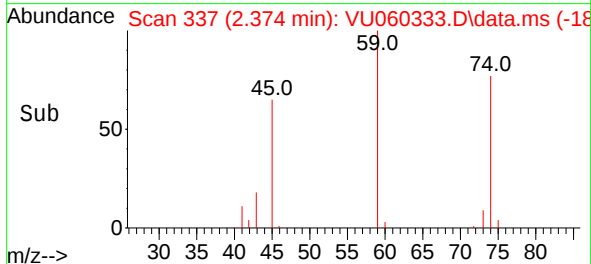
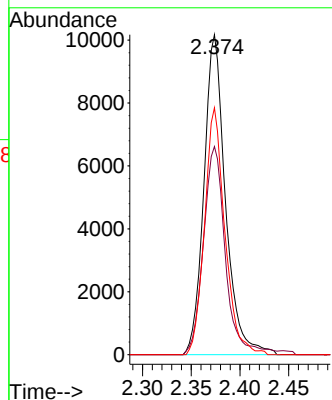
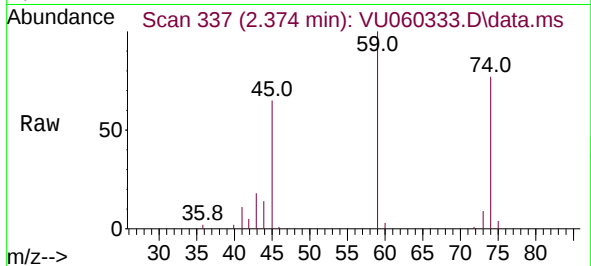
Acq: 07 Aug 2024 13:39

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	59	Resp:	15656
Ion	Ratio	Lower	Upper
59	100		
45	66.1	55.8	83.6
74	72.9	59.2	88.8



#24

tert-Butyl Alcohol

Concen: 5.921 ug/l

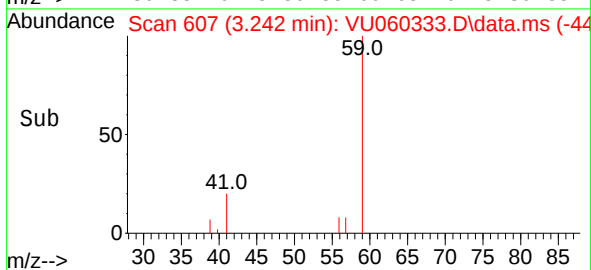
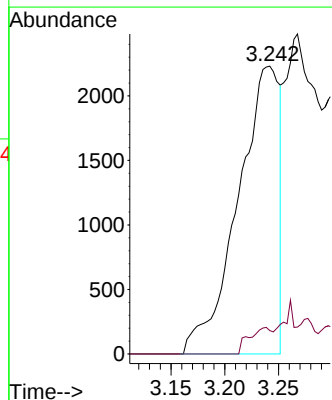
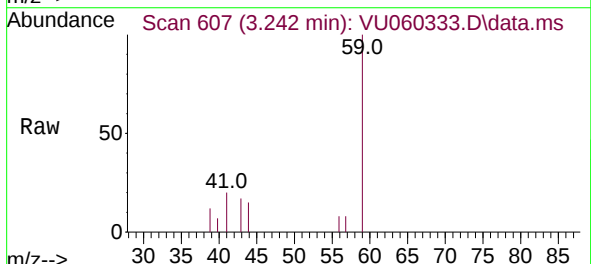
RT: 3.242 min Scan# 607

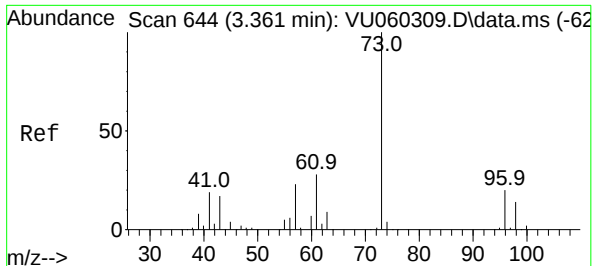
Delta R.T. 0.010 min

Lab File: VU060333.D

Acq: 07 Aug 2024 13:39

Tgt Ion:	59	Resp:	5968
Ion	Ratio	Lower	Upper
59	100		
57	5.2	4.5	6.7





#25

Methyl tert-Butyl Ether

Concen: 1.619 ug/l

RT: 3.361 min Scan# 644

Delta R.T. 0.000 min

Lab File: VU060333.D

Acq: 07 Aug 2024 13:39

Instrument :

MSVOA_U

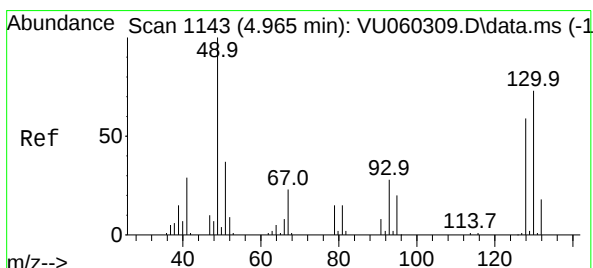
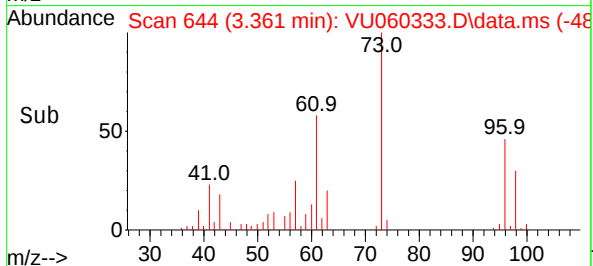
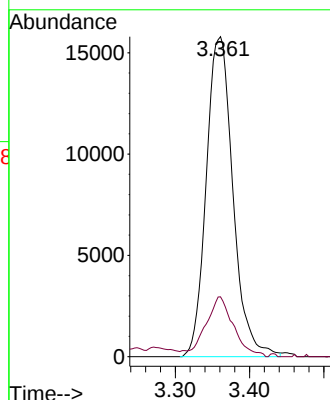
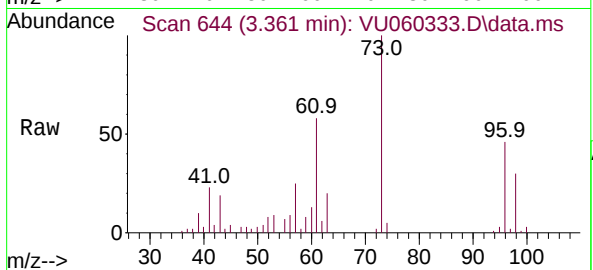
ClientSampleId :

Tgt Ion: 73 Resp: 39457

Ion Ratio Lower Upper

73 100

43 19.3 14.1 21.1



#26

Bromochloromethane

Concen: 2.070 ug/l

RT: 4.968 min Scan# 1144

Delta R.T. 0.003 min

Lab File: VU060333.D

Acq: 07 Aug 2024 13:39

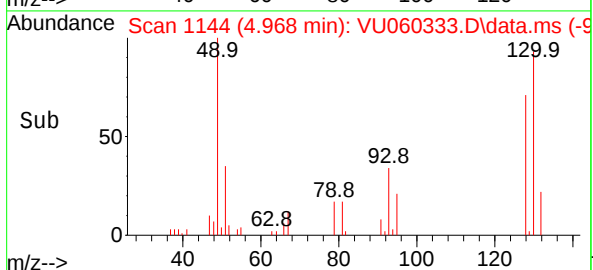
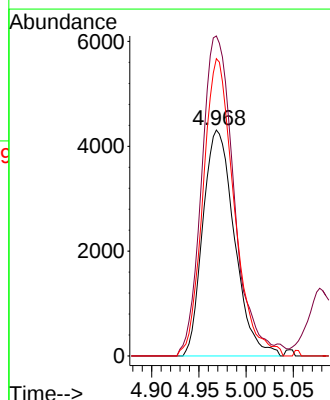
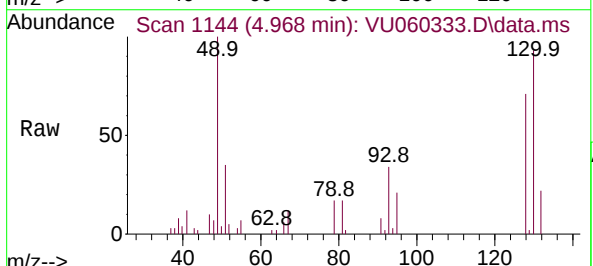
Tgt Ion: 128 Resp: 9991

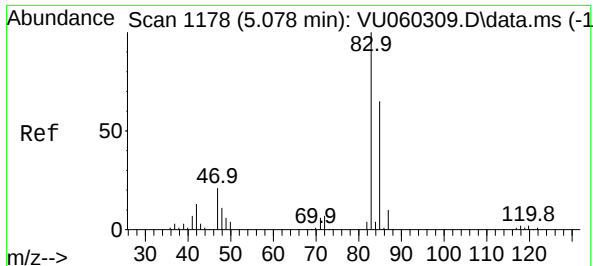
Ion Ratio Lower Upper

128 100

49 144.9 0.0 340.8

130 129.7 102.1 153.1

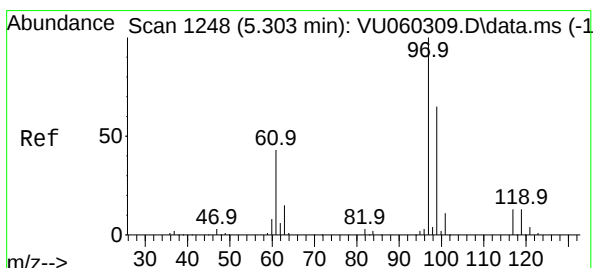
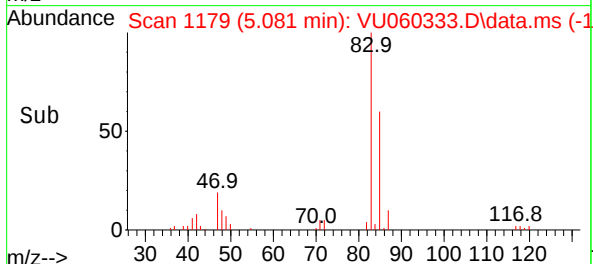
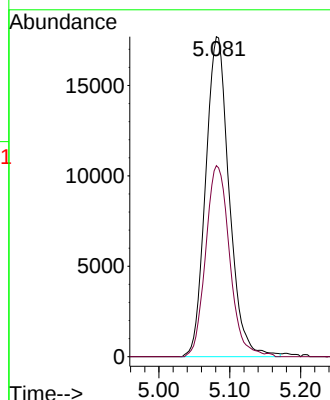
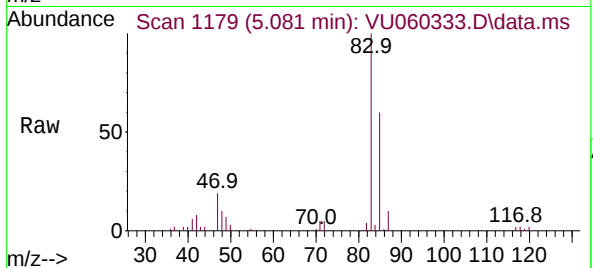




#27
Chloroform
Concen: 2.041 ug/l
RT: 5.081 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VU060333.D
Acq: 07 Aug 2024 13:39

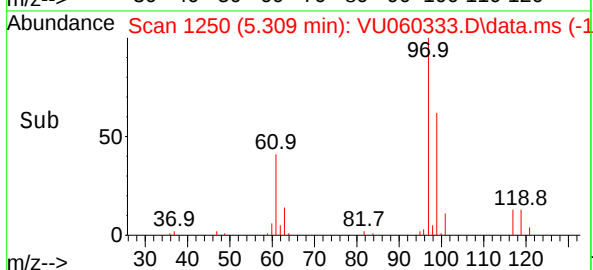
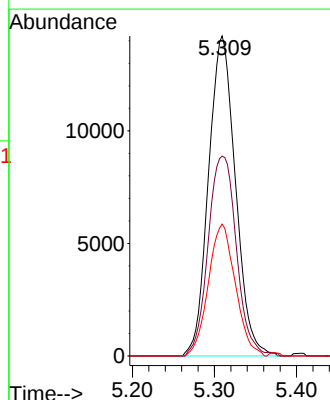
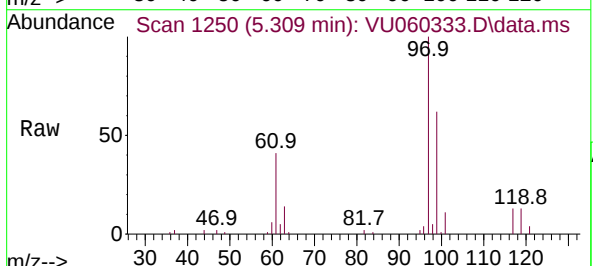
Instrument :
MSVOA_U
ClientSampleId :

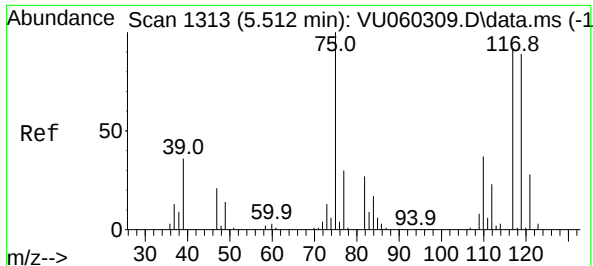
Tgt Ion: 83 Resp: 40848
Ion Ratio Lower Upper
83 100
85 59.7 0.0 131.0



#28
1,1,1-Trichloroethane
Concen: 1.952 ug/l
RT: 5.309 min Scan# 1250
Delta R.T. 0.006 min
Lab File: VU060333.D
Acq: 07 Aug 2024 13:39

Tgt Ion: 97 Resp: 32453
Ion Ratio Lower Upper
97 100
99 65.8 32.8 98.4
61 41.3 22.3 66.9

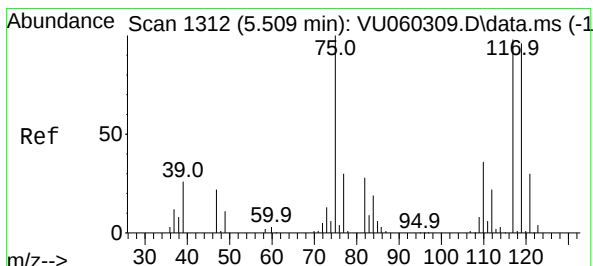
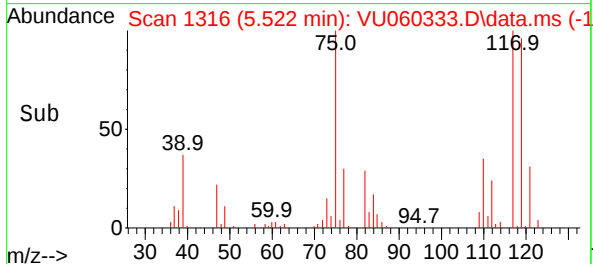
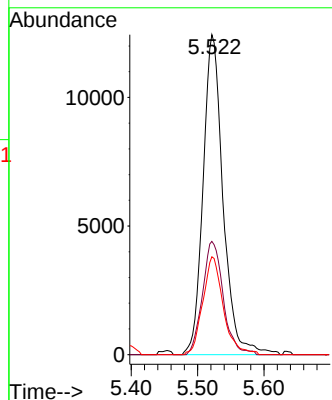
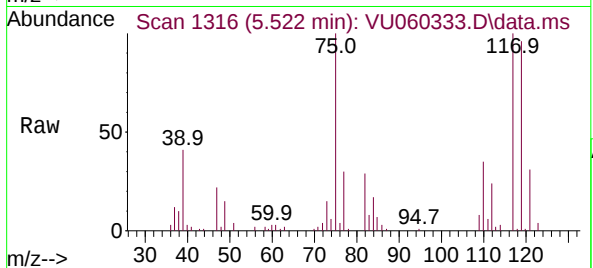




#29
1,1-Dichloropropene
Concen: 1.956 ug/l
RT: 5.522 min Scan# 1316
Delta R.T. 0.010 min
Lab File: VU060333.D
Acq: 07 Aug 2024 13:39

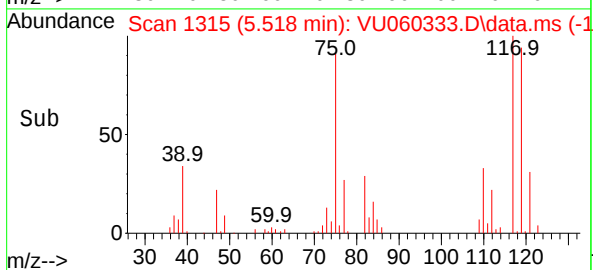
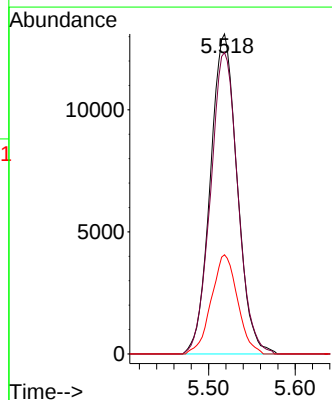
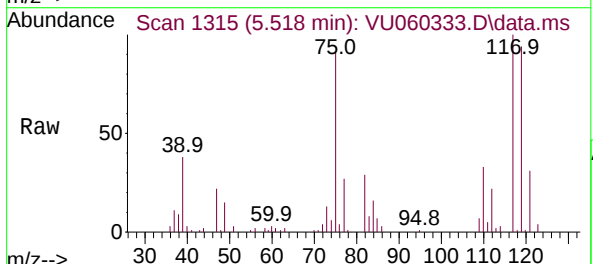
Instrument :
MSVOA_U
ClientSampleId :

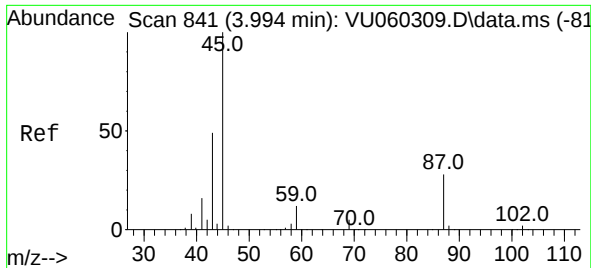
Tgt Ion: 75 Resp: 26062
Ion Ratio Lower Upper
75 100
110 36.7 18.4 55.2
77 31.4 24.8 37.2



#30
Carbon Tetrachloride
Concen: 2.086 ug/l
RT: 5.518 min Scan# 1315
Delta R.T. 0.010 min
Lab File: VU060333.D
Acq: 07 Aug 2024 13:39

Tgt Ion: 117 Resp: 28263
Ion Ratio Lower Upper
117 100
119 94.2 77.8 116.6
121 31.0 24.2 36.2

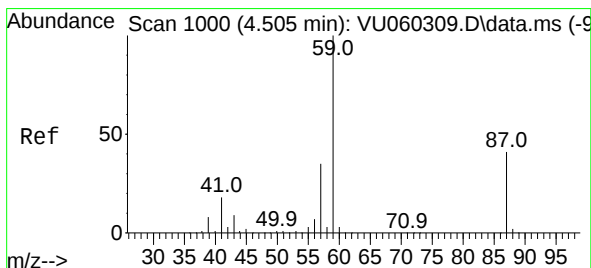
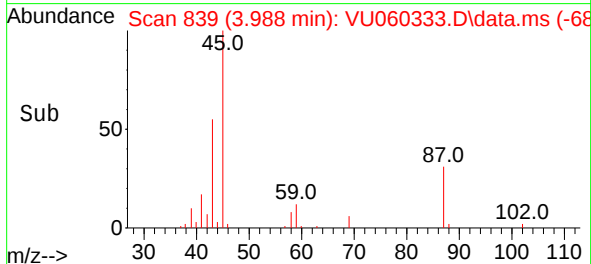
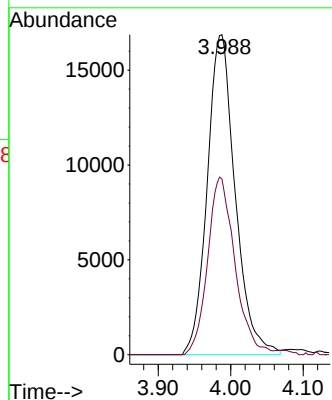
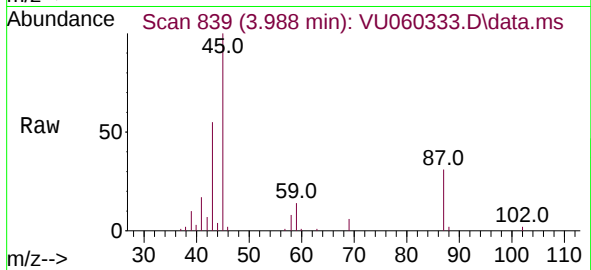




#31
Isopropyl Ether
Concen: 1.511 ug/l
RT: 3.988 min Scan# 841
Delta R.T. -0.006 min
Lab File: VU060333.D
Acq: 07 Aug 2024 13:39

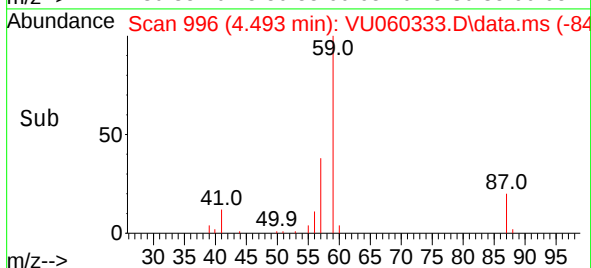
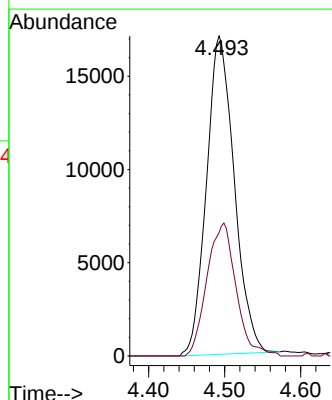
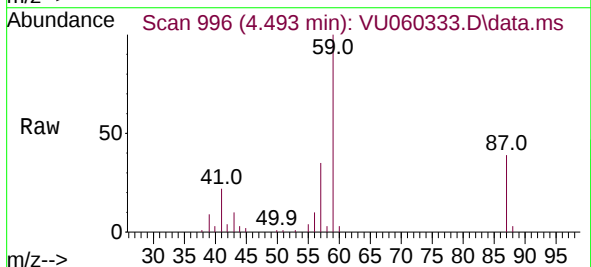
Instrument :
MSVOA_U
ClientSampleId :

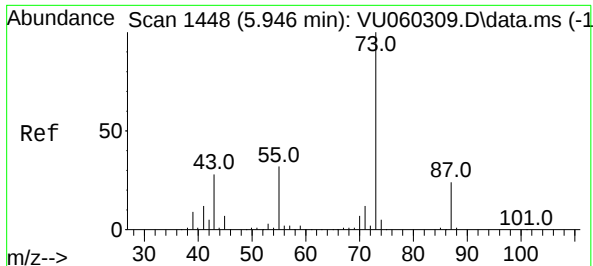
Tgt Ion: 45 Resp: 45171
Ion Ratio Lower Upper
45 100
43 54.2 24.7 74.1



#32
Ethyl-t-butyl ether
Concen: 1.501 ug/l
RT: 4.493 min Scan# 996
Delta R.T. -0.013 min
Lab File: VU060333.D
Acq: 07 Aug 2024 13:39

Tgt Ion: 59 Resp: 43372
Ion Ratio Lower Upper
59 100
87 43.6 32.6 49.0

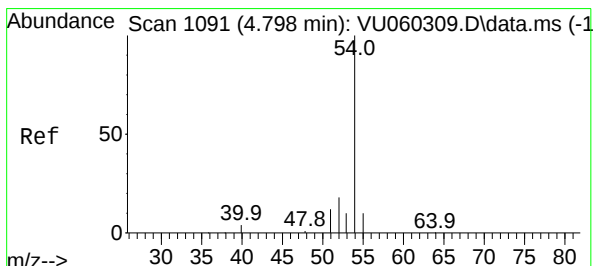
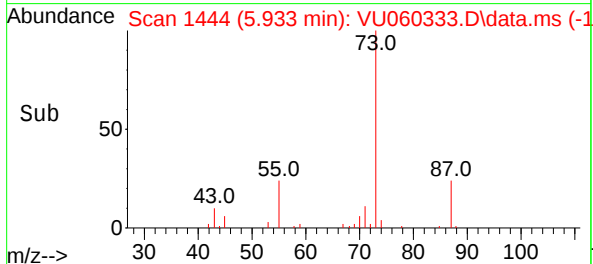
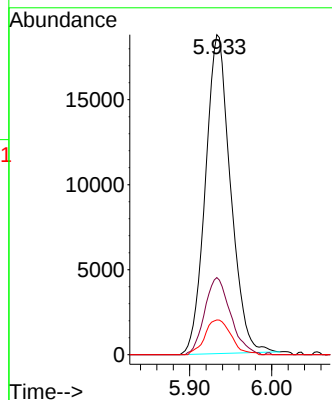
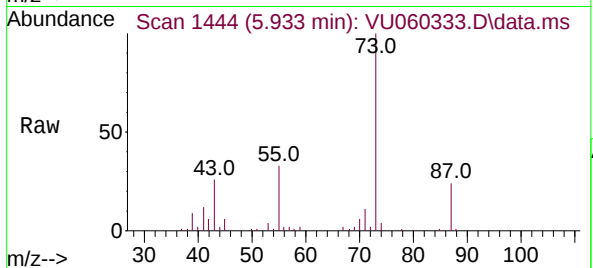




#33
Tert-Amyl methyl ether
Concen: 1.949 ug/l
RT: 5.933 min Scan# 1100
Delta R.T. -0.013 min
Lab File: VU060333.D
Acq: 07 Aug 2024 13:39

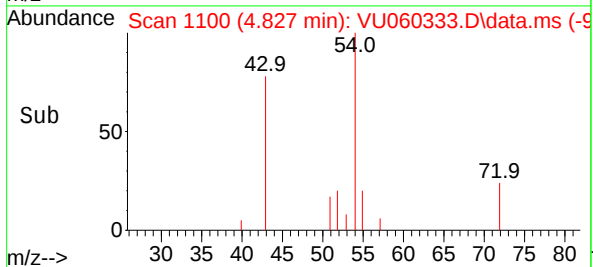
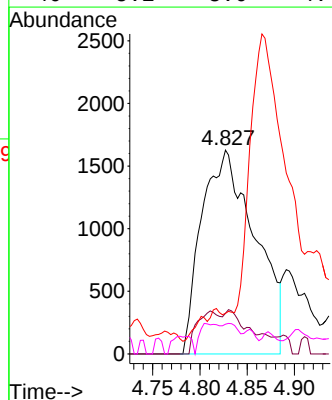
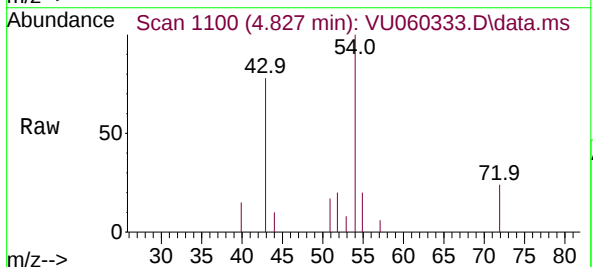
Instrument :
MSVOA_U
ClientSampleId :

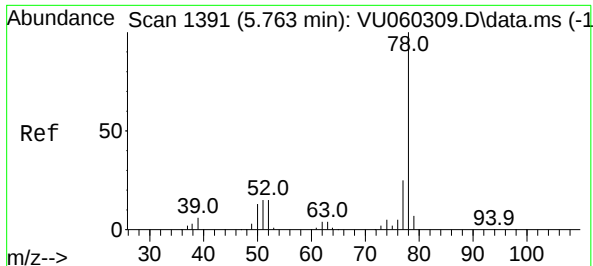
Tgt Ion: 73 Resp: 39989
Ion Ratio Lower Upper
73 100
87 24.8 19.6 29.4
71 11.4 9.5 14.3



#34
Propionitrile
Concen: 6.146 ug/l
RT: 4.827 min Scan# 1100
Delta R.T. 0.029 min
Lab File: VU060333.D
Acq: 07 Aug 2024 13:39

Tgt Ion: 54 Resp: 6395
Ion Ratio Lower Upper
54 100
52 9.5 16.4 24.6#
55 2.9 5.2 7.8#
40 5.2 3.0 4.4#





#35

Benzene

Concen: 2.038 ug/l

RT: 5.766 min Scan# 1400

Delta R.T. 0.003 min

Lab File: VU060333.D

Acq: 07 Aug 2024 13:39

Instrument :

MSVOA_U

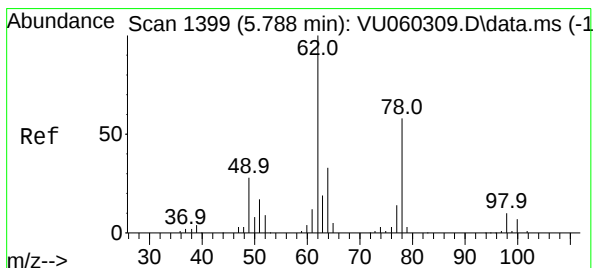
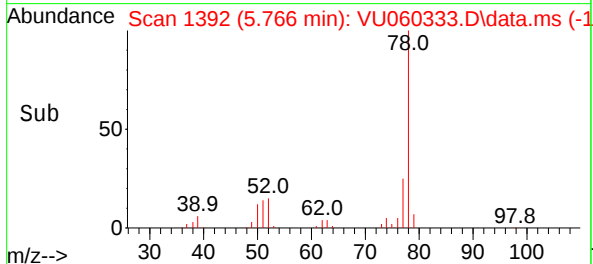
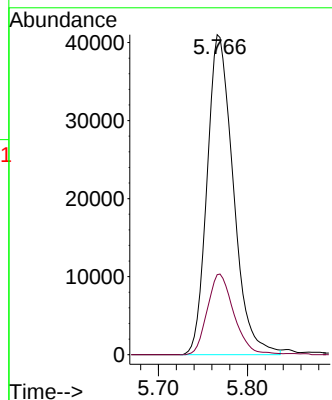
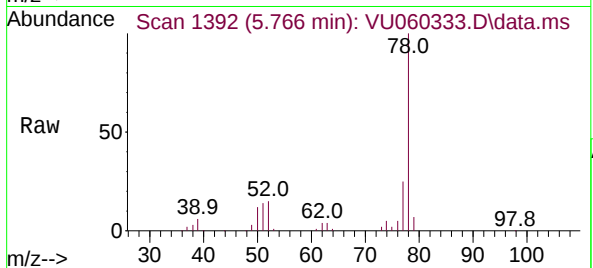
ClientSampleId :

Tgt Ion: 78 Resp: 83673

Ion Ratio Lower Upper

78 100

77 25.0 20.2 30.2



#36

1,2-Dichloroethane

Concen: 1.925 ug/l

RT: 5.792 min Scan# 1400

Delta R.T. 0.003 min

Lab File: VU060333.D

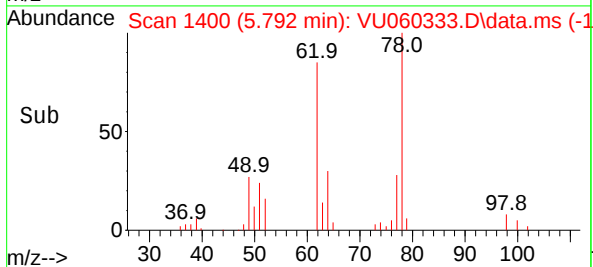
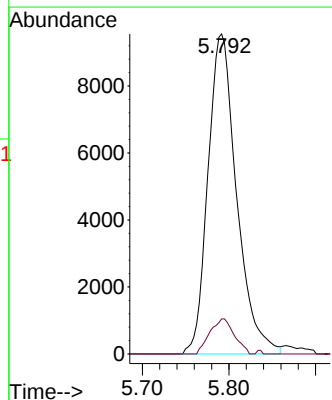
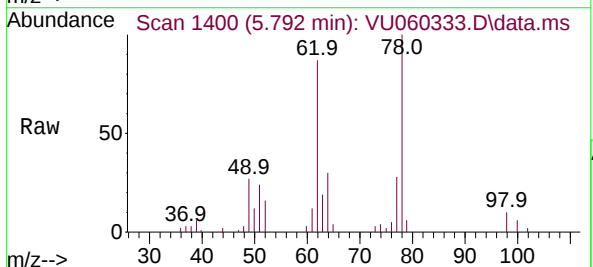
Acq: 07 Aug 2024 13:39

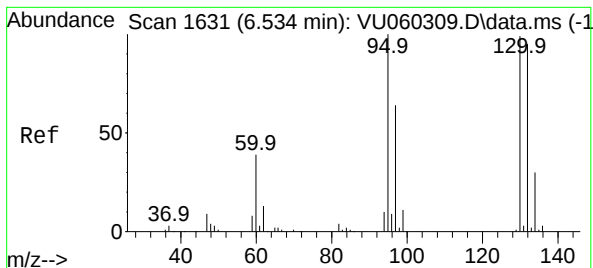
Tgt Ion: 62 Resp: 21966

Ion Ratio Lower Upper

62 100

98 9.3 8.1 12.1





#37

Trichloroethene

Concen: 2.217 ug/l

RT: 6.538 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU060333.D

Acq: 07 Aug 2024 13:39

Instrument :

MSVOA_U

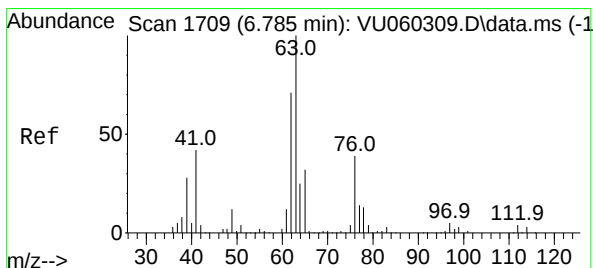
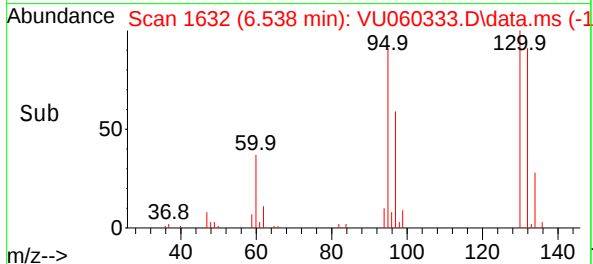
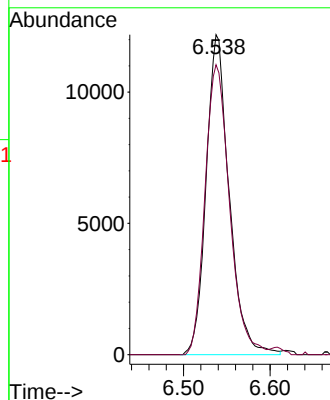
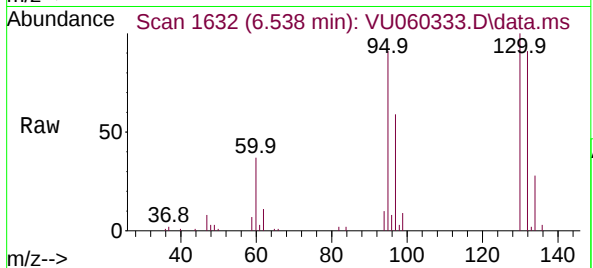
ClientSampleId :

Tgt Ion:130 Resp: 22531

Ion Ratio Lower Upper

130 100

95 90.6 80.6 121.0



#38

1,2-Dichloropropane

Concen: 2.049 ug/l

RT: 6.785 min Scan# 1709

Delta R.T. 0.000 min

Lab File: VU060333.D

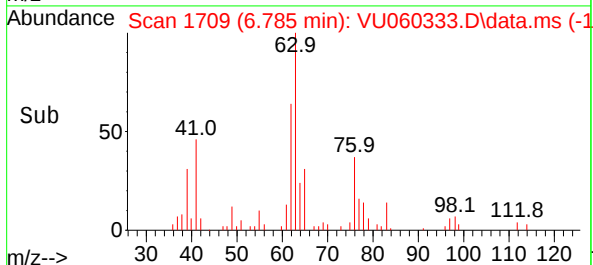
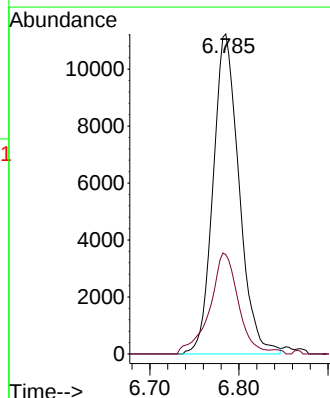
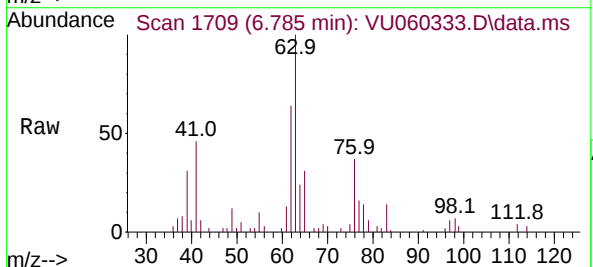
Acq: 07 Aug 2024 13:39

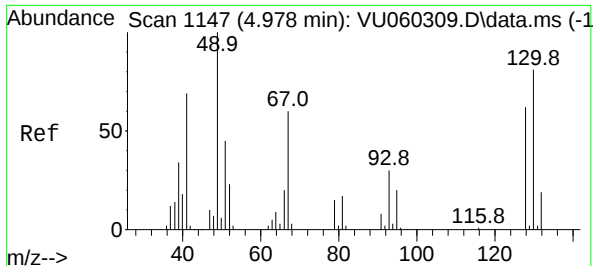
Tgt Ion: 63 Resp: 22754

Ion Ratio Lower Upper

63 100

65 29.9 25.6 38.4





#39

Methacrylonitrile

Concen: 1.080 ug/l

RT: 4.985 min Scan# 1149

Delta R.T. 0.006 min

Lab File: VU060333.D

Acq: 07 Aug 2024 13:39

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 41 Resp: 4066

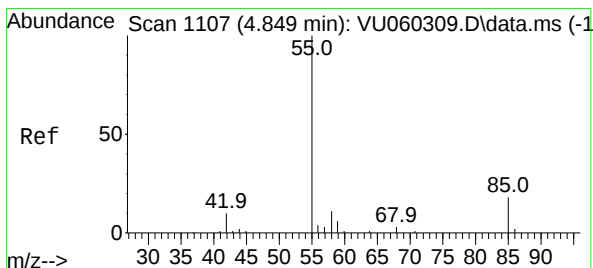
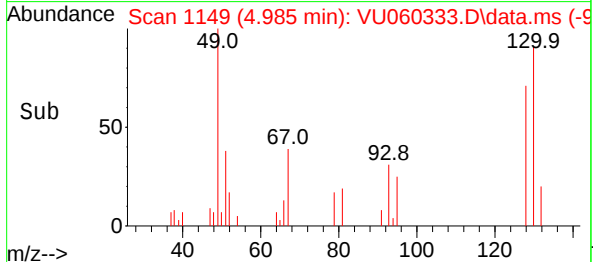
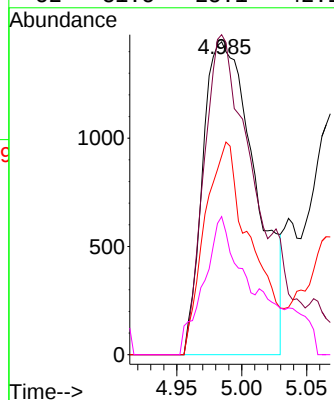
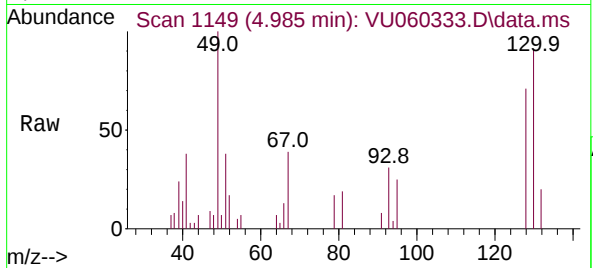
Ion Ratio Lower Upper

41 100

67 87.5 67.4 101.0

39 60.8 41.7 62.5

52 31.5 28.1 42.1



#40

Methyl acrylate

Concen: 0.835 ug/l

RT: 4.866 min Scan# 1112

Delta R.T. 0.016 min

Lab File: VU060333.D

Acq: 07 Aug 2024 13:39

Tgt Ion: 55 Resp: 5503

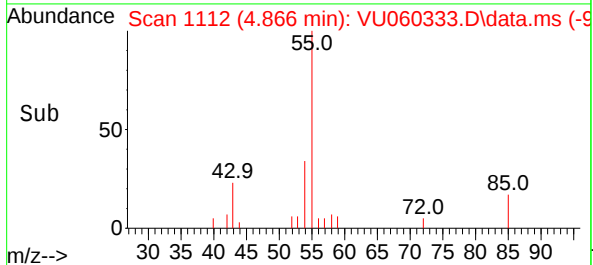
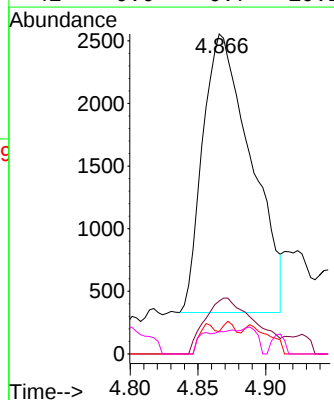
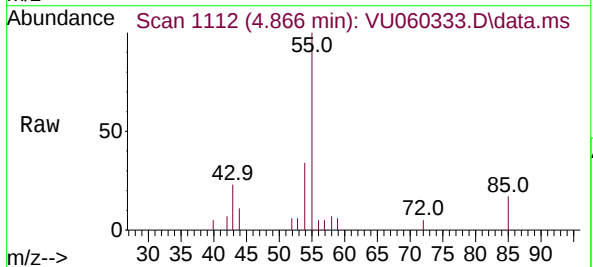
Ion Ratio Lower Upper

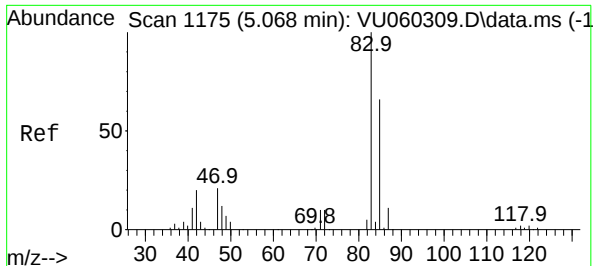
55 100

85 20.9 13.6 20.4#

58 3.7 7.6 11.4#

42 0.0 6.7 10.1#





#41

Tetrahydrofuran

Concen: 2.487 ug/l

RT: 5.071 min Scan# 1176

Delta R.T. 0.003 min

Lab File: VU060333.D

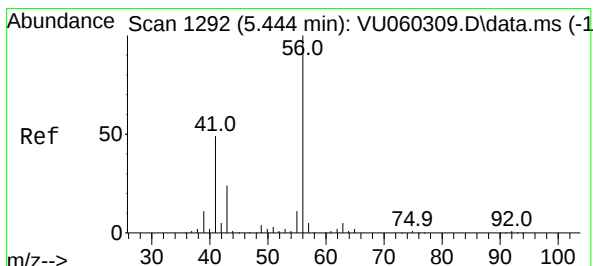
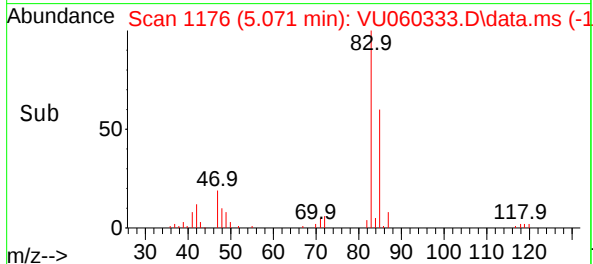
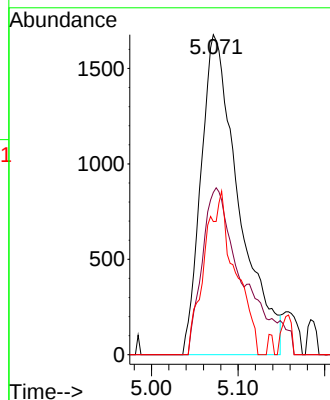
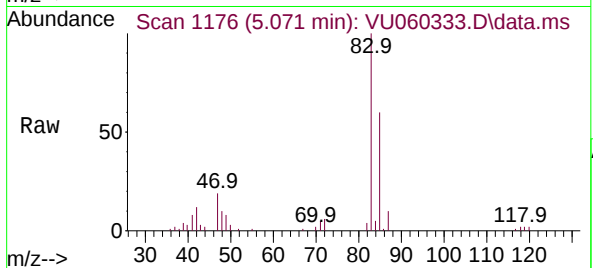
Acq: 07 Aug 2024 13:39

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	42	Resp:	5100
Ion Ratio	Lower	Upper	
42	100		
72	56.7	40.6	60.8
71	41.3	38.0	57.0



#42

1-Chlorobutane

Concen: 1.840 ug/l

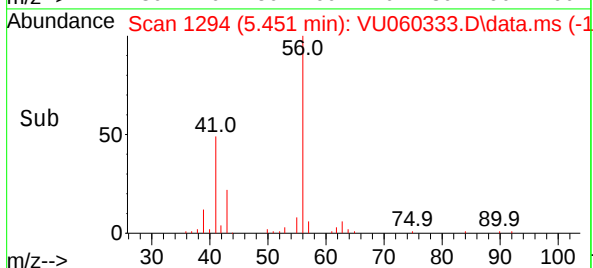
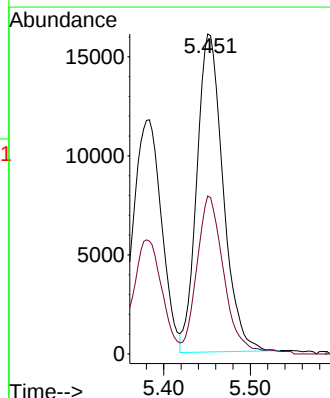
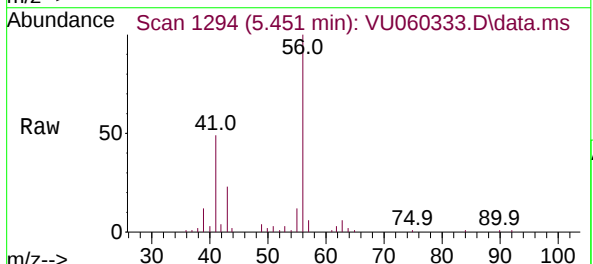
RT: 5.451 min Scan# 1294

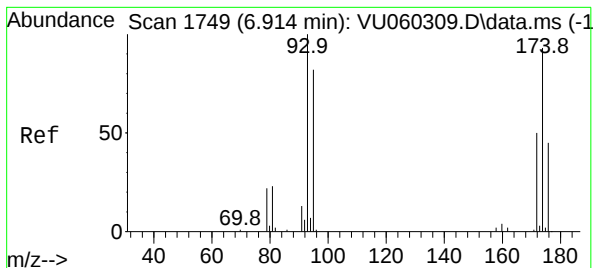
Delta R.T. 0.006 min

Lab File: VU060333.D

Acq: 07 Aug 2024 13:39

Tgt Ion:	56	Resp:	33791
Ion Ratio	Lower	Upper	
56	100		
41	51.5	23.8	71.5





#43

Dibromomethane

Concen: 1.946 ug/l

RT: 6.914 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU060333.D

Acq: 07 Aug 2024 13:39

Instrument :

MSVOA_U

ClientSampleId :

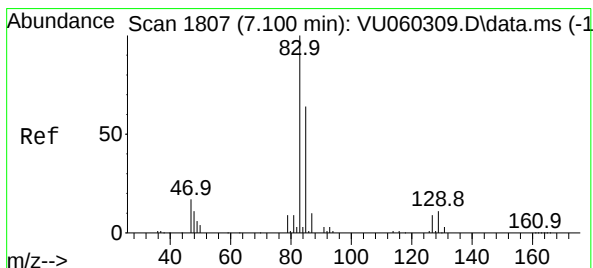
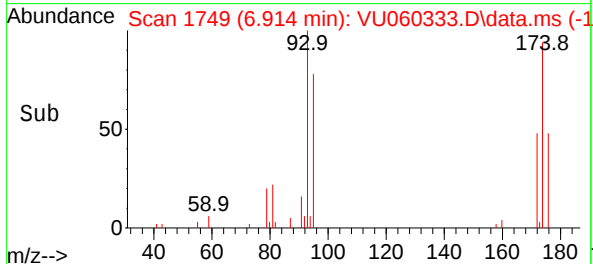
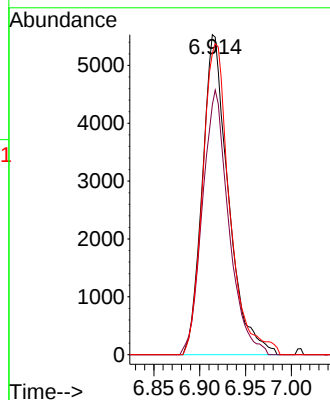
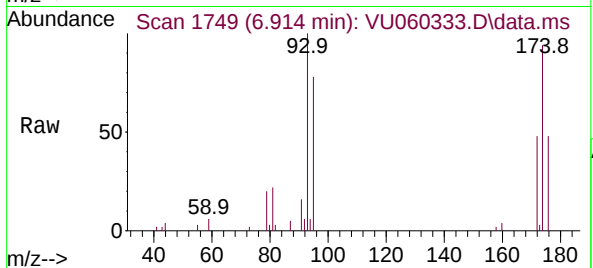
Tgt Ion: 93 Resp: 10930

Ion Ratio Lower Upper

93 100

95 83.4 66.4 99.6

174 101.0 75.2 112.8



#44

Bromodichloromethane

Concen: 2.052 ug/l

RT: 7.097 min Scan# 1806

Delta R.T. -0.003 min

Lab File: VU060333.D

Acq: 07 Aug 2024 13:39

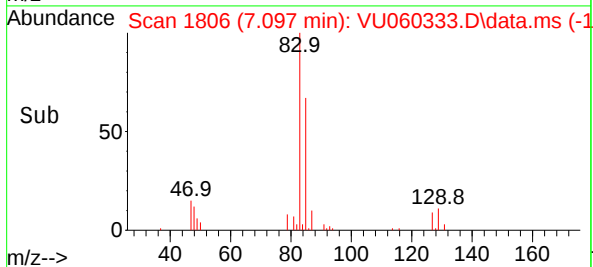
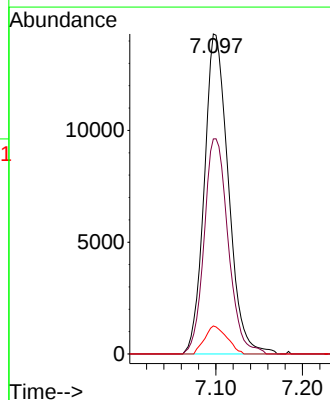
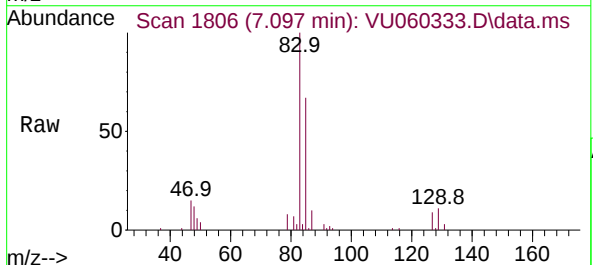
Tgt Ion: 83 Resp: 27676

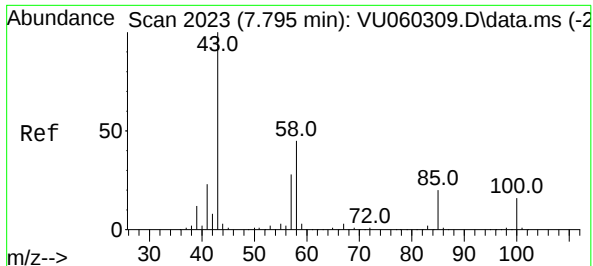
Ion Ratio Lower Upper

83 100

85 67.2 51.3 76.9

127 8.8 6.8 10.2

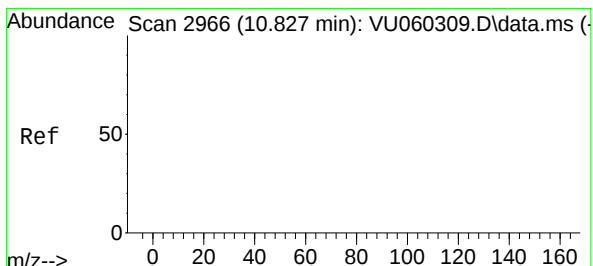
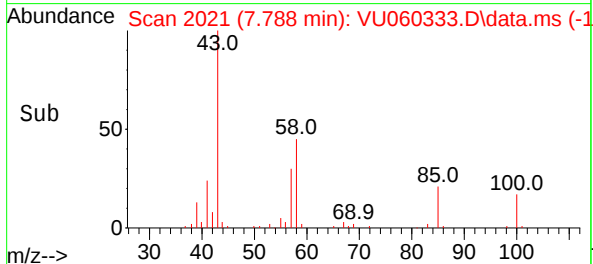
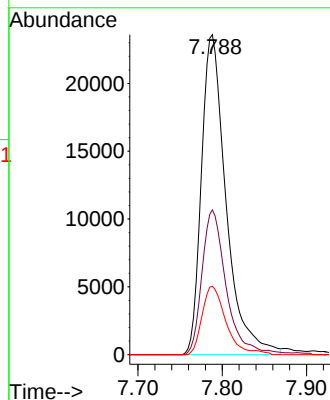
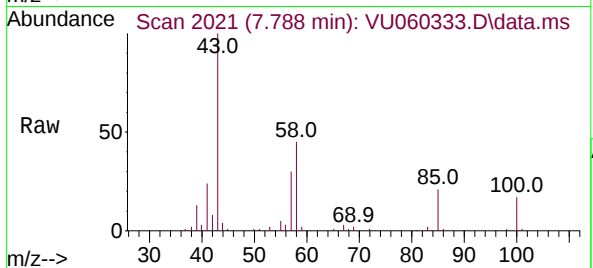




#45
4-Methyl-2-Pentanone
Concen: 9.116 ug/l
RT: 7.788 min Scan# 2021
Delta R.T. -0.006 min
Lab File: VU060333.D
Acq: 07 Aug 2024 13:39

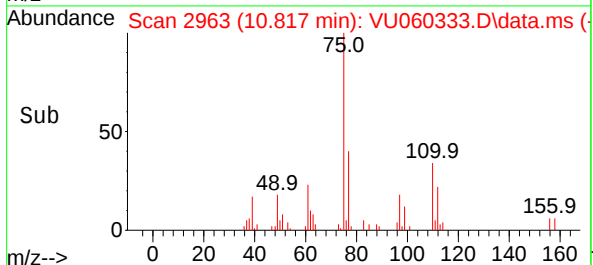
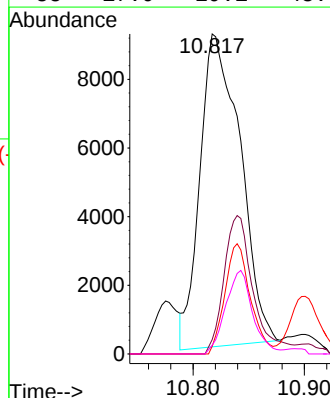
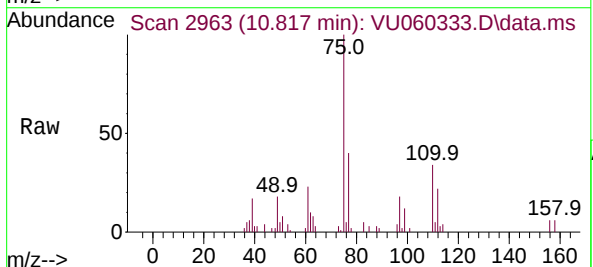
Instrument :
MSVOA_U
ClientSampleId :

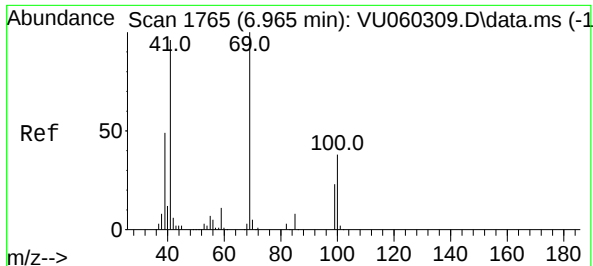
Tgt Ion:	43	Resp:	48089
Ion	Ratio	Lower	Upper
43	100		
58	44.5	22.3	66.9
85	20.7	16.0	24.0



#46
t-1,4-Dichloro-2-butene
Concen: 7.731 ug/l
RT: 10.817 min Scan# 2963
Delta R.T. -0.010 min
Lab File: VU060333.D
Acq: 07 Aug 2024 13:39

Tgt Ion:	75	Resp:	22851
Ion	Ratio	Lower	Upper
75	100		
53	32.1	57.2	85.8#
89	22.4	40.4	60.6#
88	17.9	29.1	43.7#





#47

Methyl methacrylate

Concen: 3.815 ug/l

RT: 6.962 min Scan# 1765

Delta R.T. -0.003 min

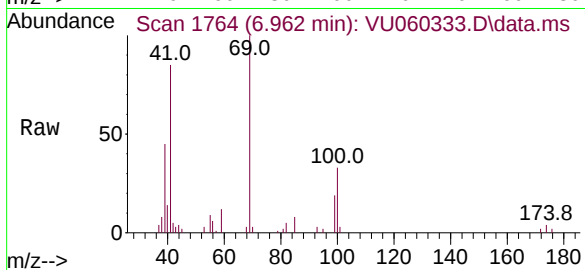
Lab File: VU060333.D

Acq: 07 Aug 2024 13:39

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 69 Resp: 17391

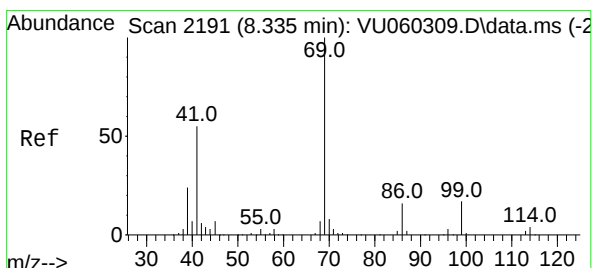
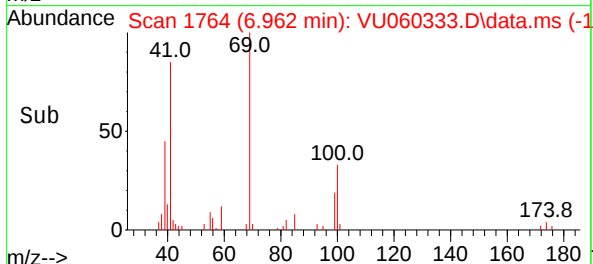
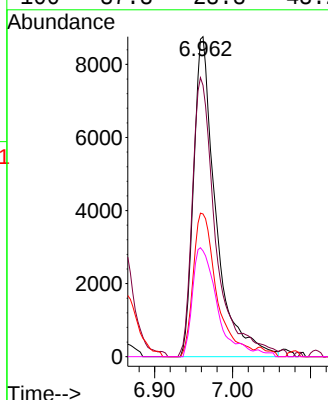
Ion Ratio Lower Upper

69 100

41 92.3 0.0 194.0

39 47.3 38.0 57.0

100 37.3 28.8 43.2



#48

Ethyl methacrylate

Concen: 2.010 ug/l

RT: 8.332 min Scan# 2190

Delta R.T. -0.003 min

Lab File: VU060333.D

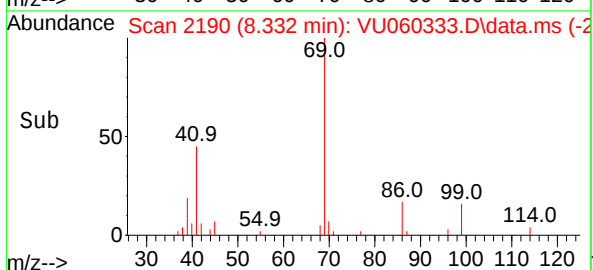
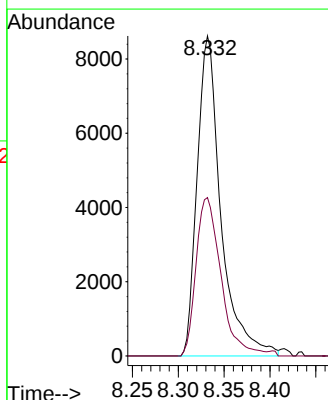
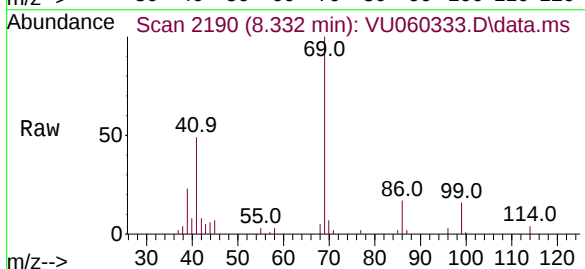
Acq: 07 Aug 2024 13:39

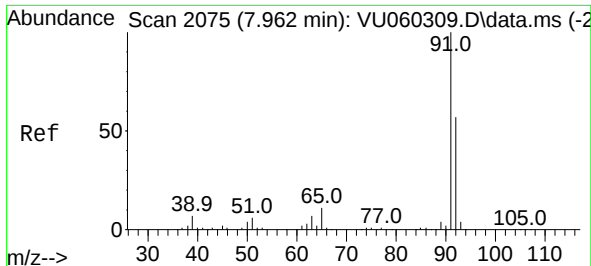
Tgt Ion: 69 Resp: 15554

Ion Ratio Lower Upper

69 100

41 51.8 27.5 82.5





#49

Toluene

Concen: 2.110 ug/l

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU060333.D

Acq: 07 Aug 2024 13:39

Instrument :

MSVOA_U

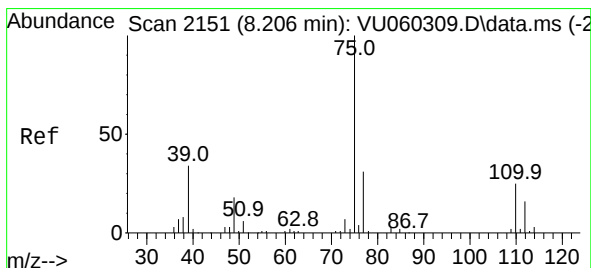
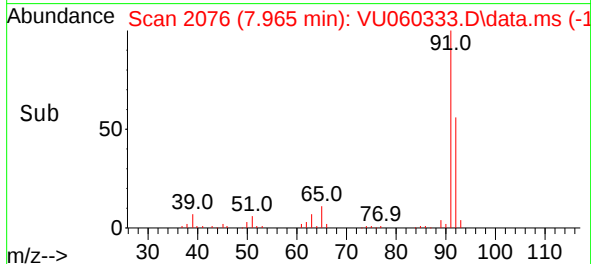
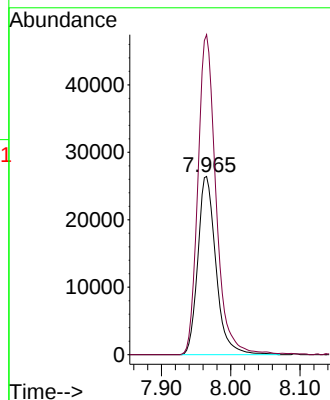
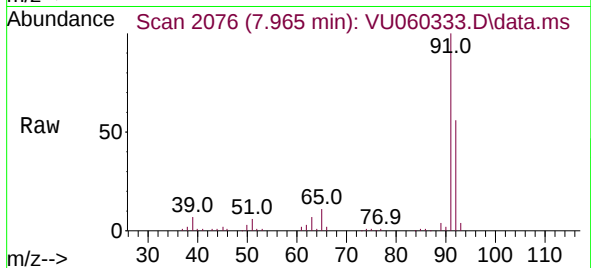
ClientSampleId :

Tgt Ion: 92 Resp: 48038

Ion Ratio Lower Upper

92 100

91 179.8 141.0 211.4



#50

t-1,3-Dichloropropene

Concen: 2.092 ug/l

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU060333.D

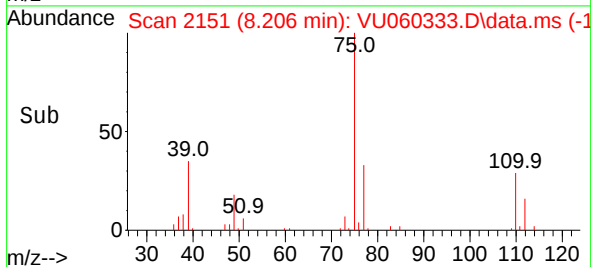
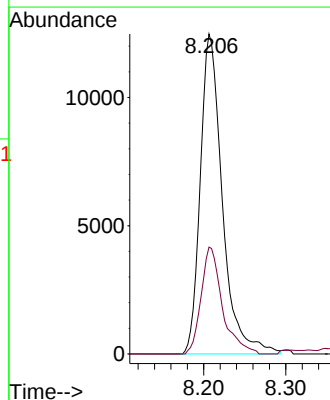
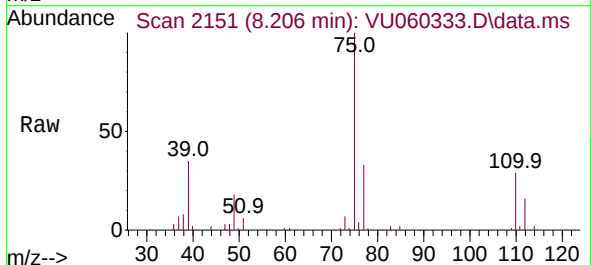
Acq: 07 Aug 2024 13:39

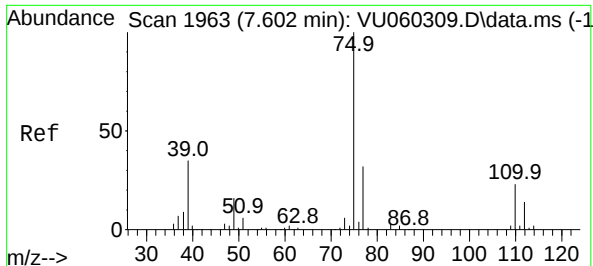
Tgt Ion: 75 Resp: 23292

Ion Ratio Lower Upper

75 100

77 33.4 24.6 37.0

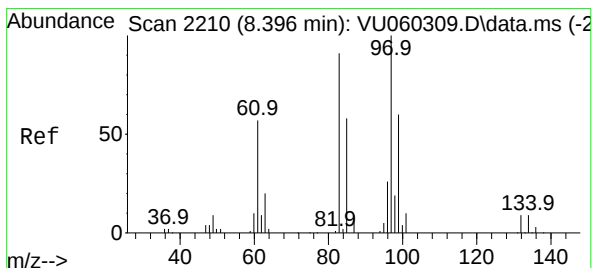
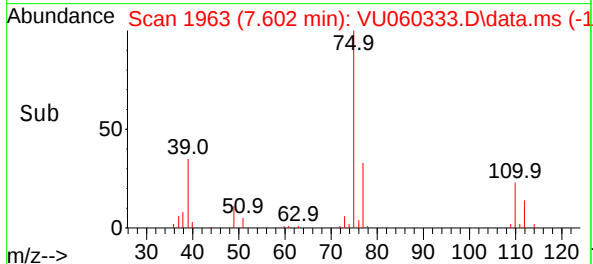
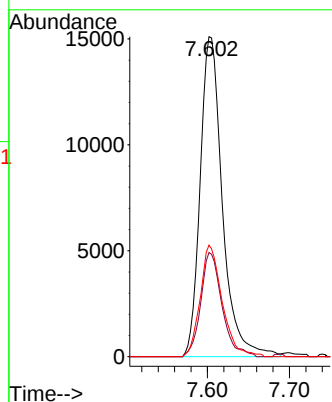
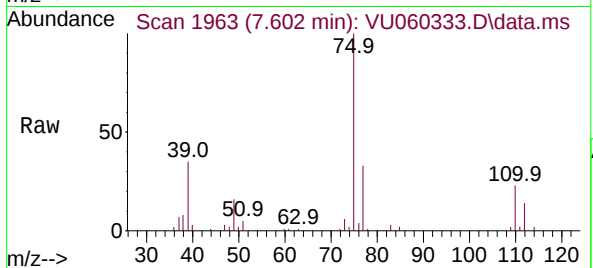




#51
 cis-1,3-Dichloropropene
 Concen: 2.123 ug/l
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VU060333.D
 Acq: 07 Aug 2024 13:39

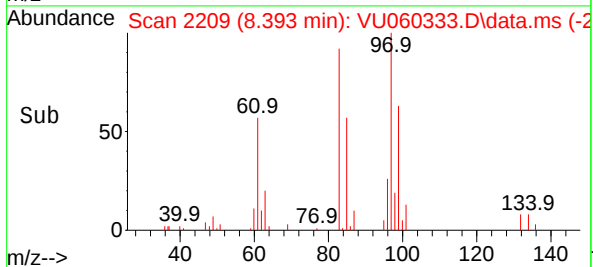
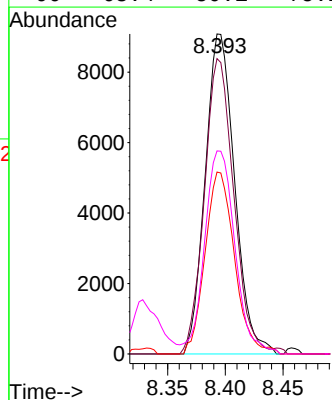
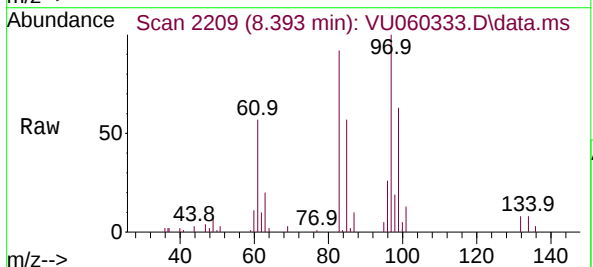
Instrument :
 MSVOA_U
 ClientSampleId :

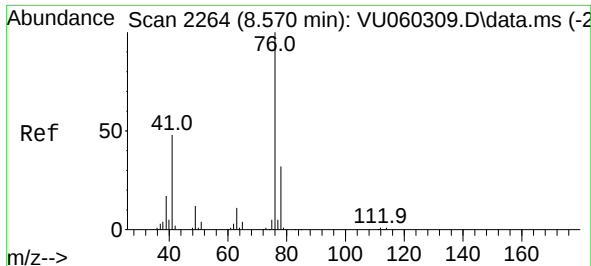
Tgt Ion:	75	Resp:	28434
Ion	Ratio	Lower	Upper
75	100		
77	32.6	25.4	38.0
39	34.9	28.0	42.0



#52
 1,1,2-Trichloroethane
 Concen: 1.958 ug/l
 RT: 8.393 min Scan# 2209
 Delta R.T. -0.003 min
 Lab File: VU060333.D
 Acq: 07 Aug 2024 13:39

Tgt Ion:	97	Resp:	16150
Ion	Ratio	Lower	Upper
97	100		
83	92.3	73.0	109.4
85	56.9	46.2	69.4
99	63.4	50.1	75.1

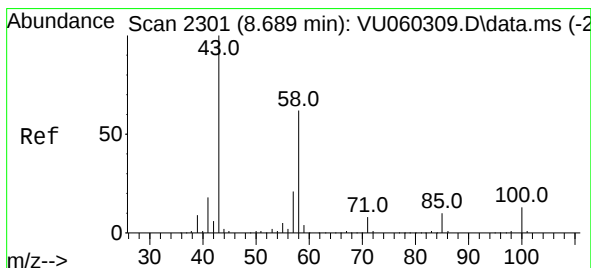
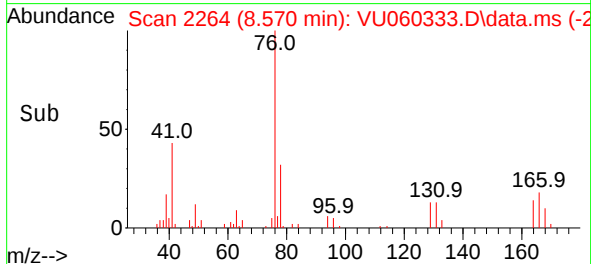
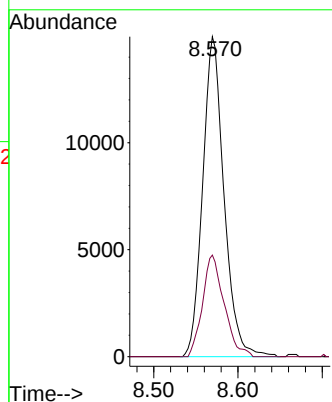
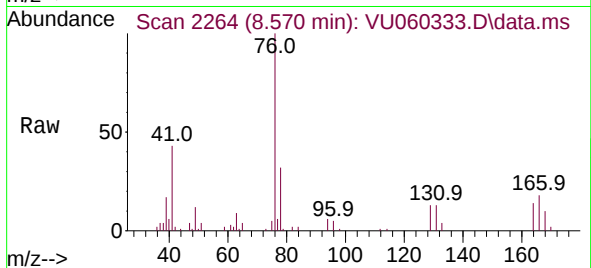




#53
1,3-Dichloropropane
Concen: 2.001 ug/l
RT: 8.570 min Scan# 2264
Delta R.T. 0.000 min
Lab File: VU060333.D
Acq: 07 Aug 2024 13:39

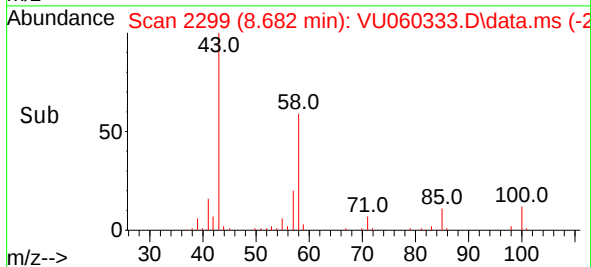
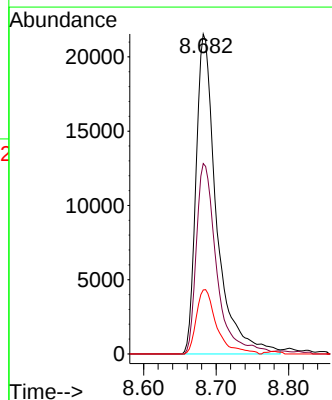
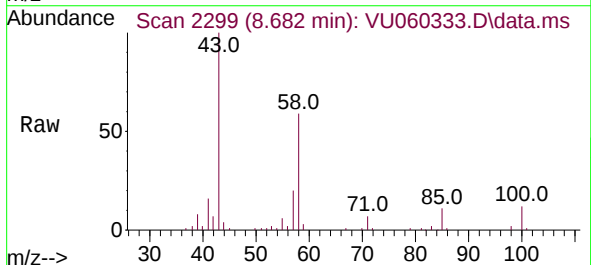
Instrument :
MSVOA_U
ClientSampleId :

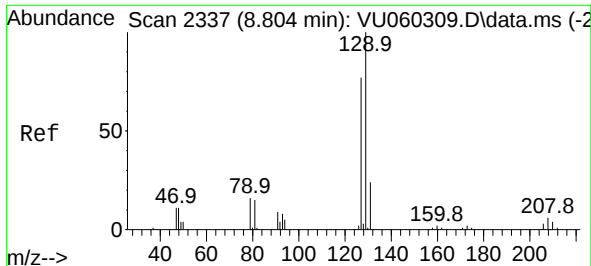
Tgt Ion: 76 Resp: 26328
Ion Ratio Lower Upper
76 100
78 32.1 26.2 39.2



#54
2-Hexanone
Concen: 10.368 ug/l
RT: 8.682 min Scan# 2299
Delta R.T. -0.006 min
Lab File: VU060333.D
Acq: 07 Aug 2024 13:39

Tgt Ion: 43 Resp: 42389
Ion Ratio Lower Upper
43 100
58 58.9 40.1 80.1
57 19.9 0.3 40.3





#55

Dibromochloromethane

Concen: 2.086 ug/l

RT: 8.804 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VU060333.D

Acq: 07 Aug 2024 13:39

Instrument :

MSVOA_U

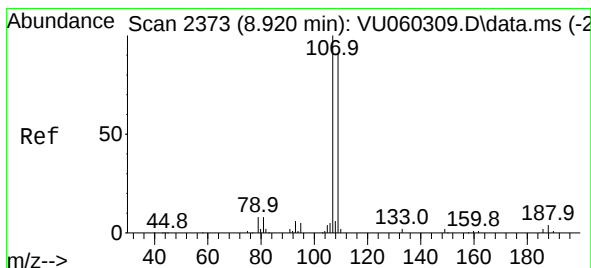
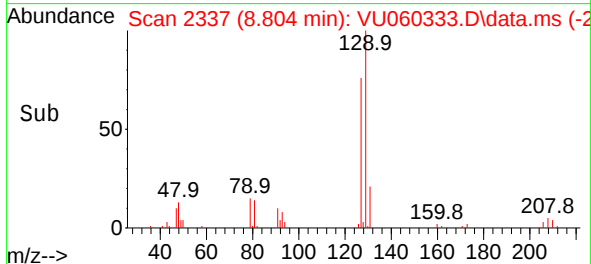
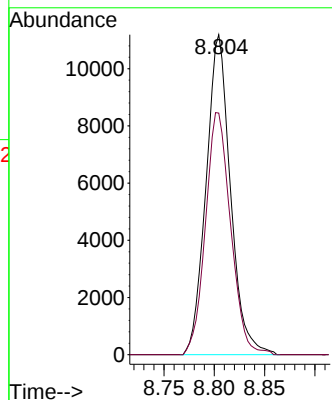
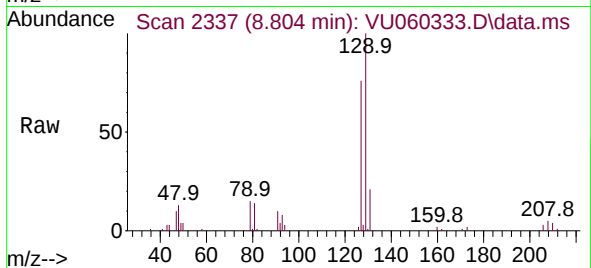
ClientSampleId :

Tgt Ion:129 Resp: 18870

Ion Ratio Lower Upper

129 100

127 78.1 61.6 92.4



#56

1,2-Dibromoethane

Concen: 2.019 ug/l

RT: 8.920 min Scan# 2373

Delta R.T. 0.000 min

Lab File: VU060333.D

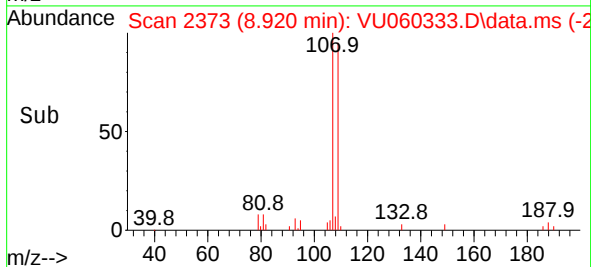
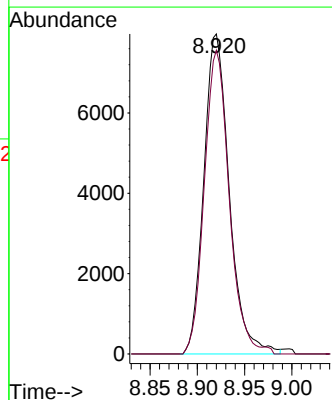
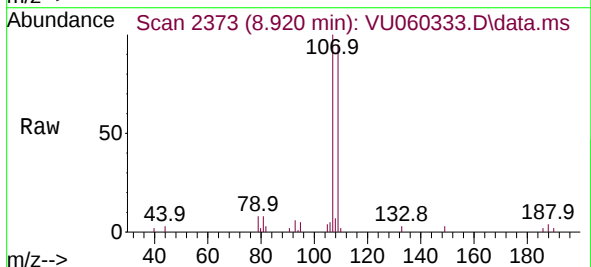
Acq: 07 Aug 2024 13:39

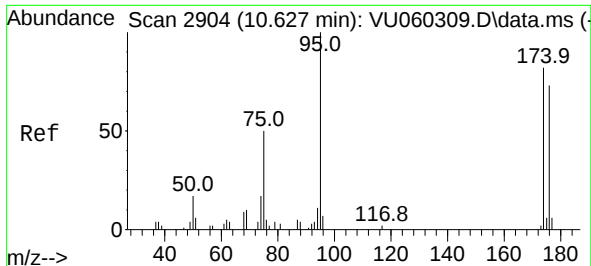
Tgt Ion:107 Resp: 14932

Ion Ratio Lower Upper

107 100

109 92.8 0.0 184.0





#57

4-Bromofluorobenzene

Concen: 1.054 ug/l

RT: 10.631 min Scan# 2905

Delta R.T. 0.003 min

Lab File: VU060333.D

Acq: 07 Aug 2024 13:39

Instrument :

MSVOA_U

ClientSampleId :

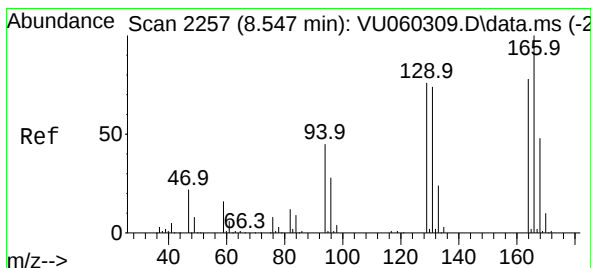
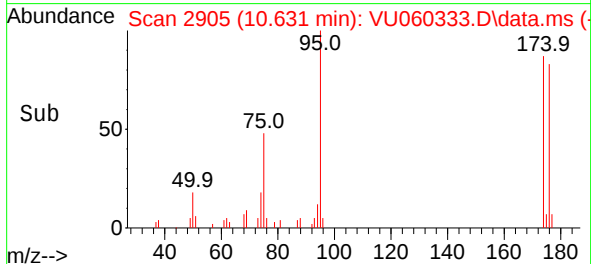
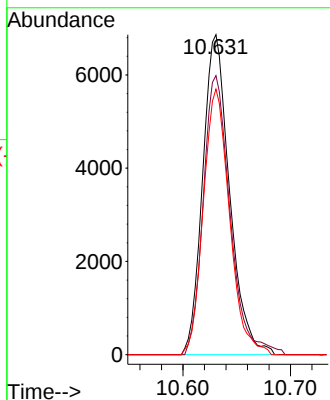
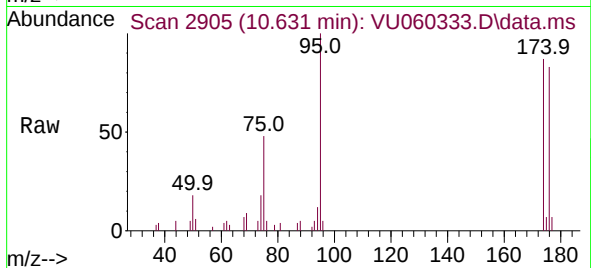
Tgt Ion: 95 Resp: 11929

Ion Ratio Lower Upper

95 100

174 87.2 65.6 98.4

176 80.7 60.4 90.6



#58

Tetrachloroethene

Concen: 2.201 ug/l

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

Lab File: VU060333.D

Acq: 07 Aug 2024 13:39

Tgt Ion:164 Resp: 19988

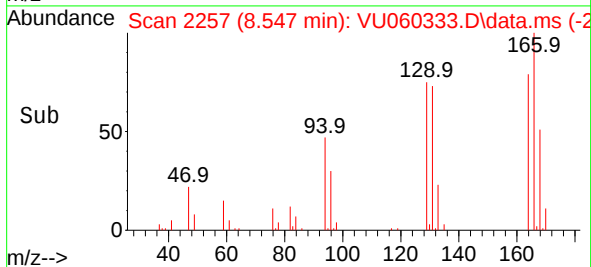
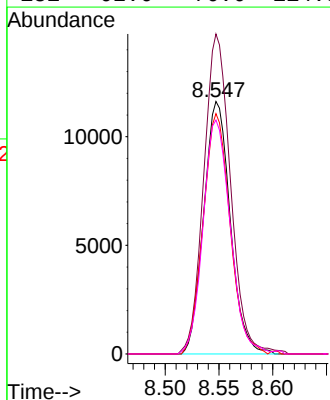
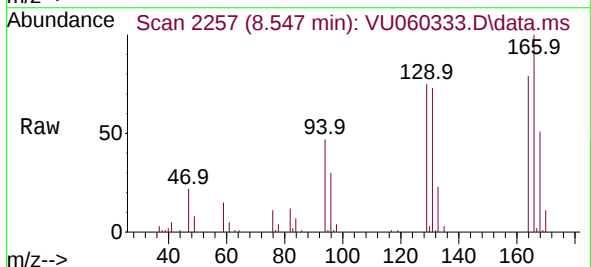
Ion Ratio Lower Upper

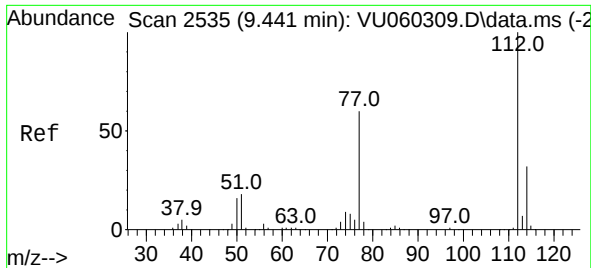
164 100

166 126.7 102.9 154.3

129 95.2 78.0 117.0

131 92.6 76.6 114.8





#59

Chlorobenzene

Concen: 2.237 ug/l

RT: 9.444 min Scan# 2535

Delta R.T. 0.003 min

Lab File: VU060333.D

Acq: 07 Aug 2024 13:39

Instrument :

MSVOA_U

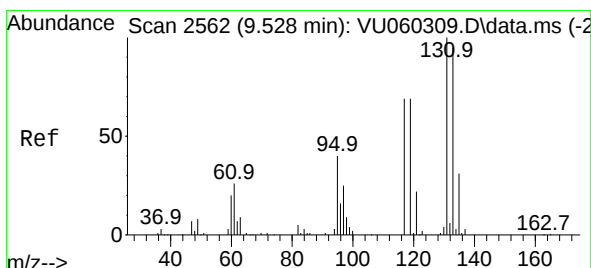
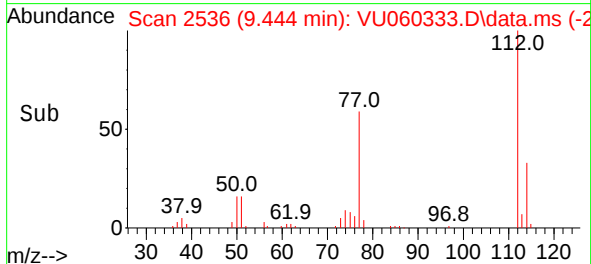
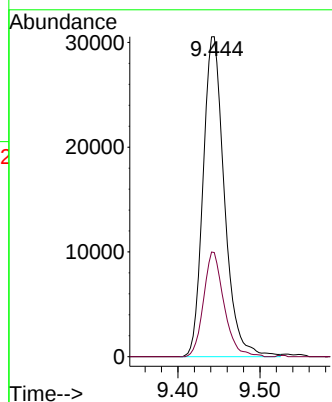
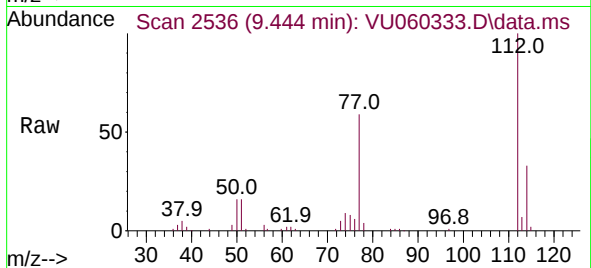
ClientSampleId :

Tgt Ion:112 Resp: 55141

Ion Ratio Lower Upper

112 100

114 32.6 25.3 37.9



#60

1,1,1,2-Tetrachloroethane

Concen: 2.037 ug/l

RT: 9.528 min Scan# 2562

Delta R.T. 0.000 min

Lab File: VU060333.D

Acq: 07 Aug 2024 13:39

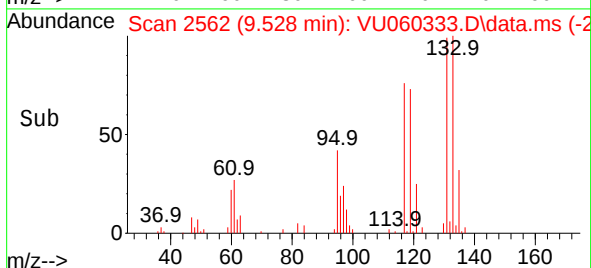
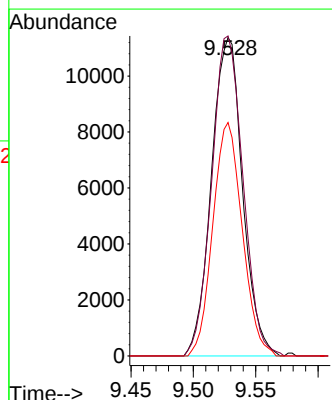
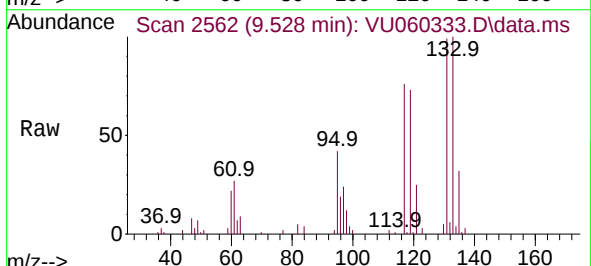
Tgt Ion:131 Resp: 19777

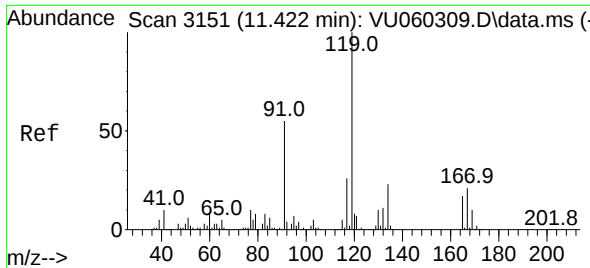
Ion Ratio Lower Upper

131 100

133 101.1 77.2 115.8

119 69.2 55.4 83.2

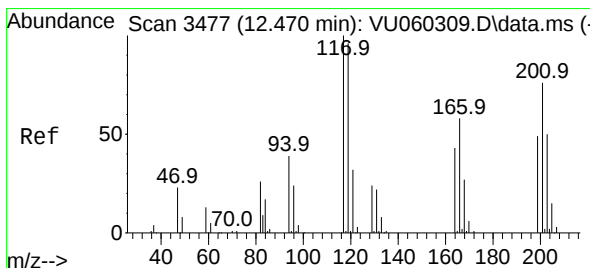
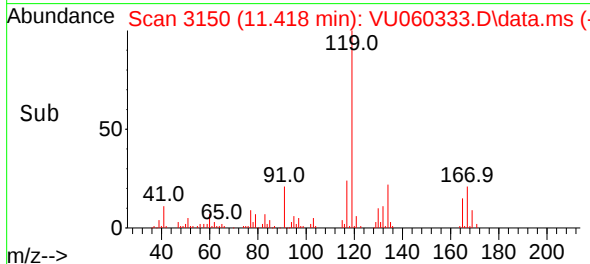
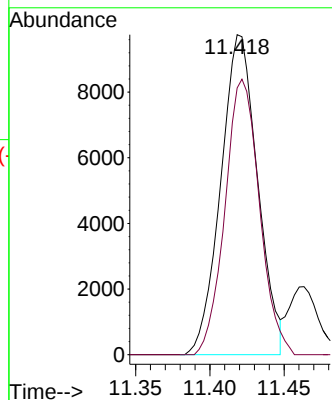
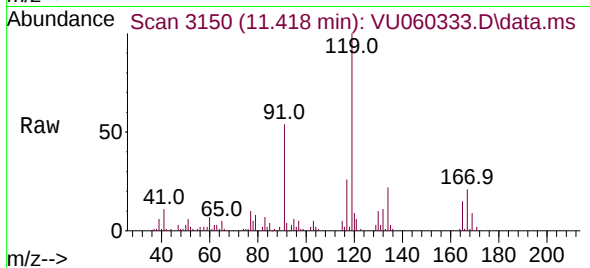




#61
Pentachloroethane
Concen: 2.026 ug/l
RT: 11.418 min Scan# 3150
Delta R.T. -0.003 min
Lab File: VU060333.D
Acq: 07 Aug 2024 13:39

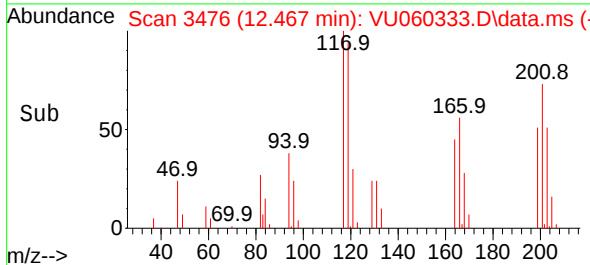
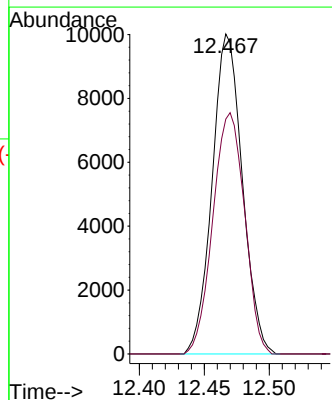
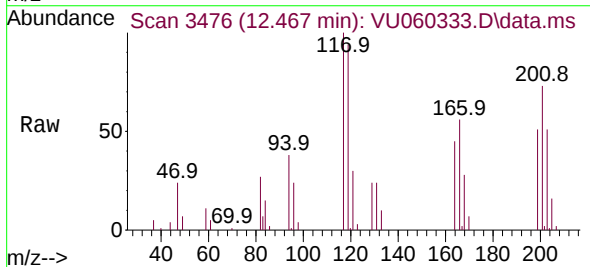
Instrument :
MSVOA_U
ClientSampleId :

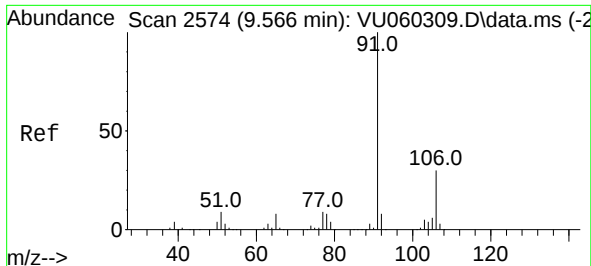
Tgt Ion:117 Resp: 16803
Ion Ratio Lower Upper
117 100
167 80.6 62.2 93.4



#62
Hexachloroethane
Concen: 2.016 ug/l
RT: 12.467 min Scan# 3476
Delta R.T. -0.003 min
Lab File: VU060333.D
Acq: 07 Aug 2024 13:39

Tgt Ion:117 Resp: 16164
Ion Ratio Lower Upper
117 100
201 79.2 62.7 94.1





#63

Ethyl Benzene

Concen: 2.141 ug/l

RT: 9.566 min Scan# 2574

Delta R.T. 0.000 min

Lab File: VU060333.D

Acq: 07 Aug 2024 13:39

Instrument :

MSVOA_U

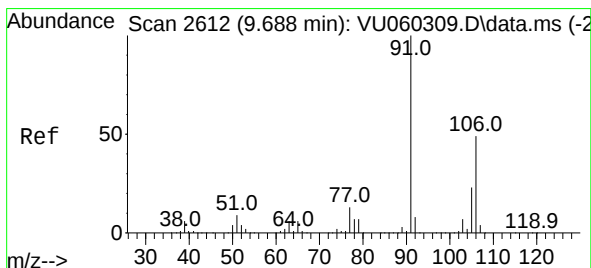
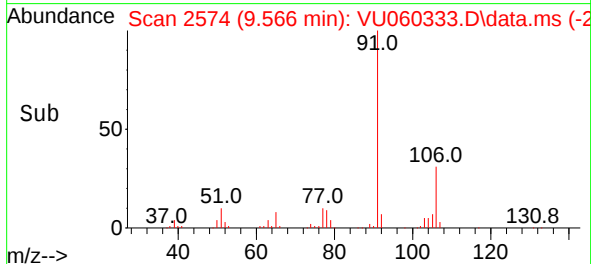
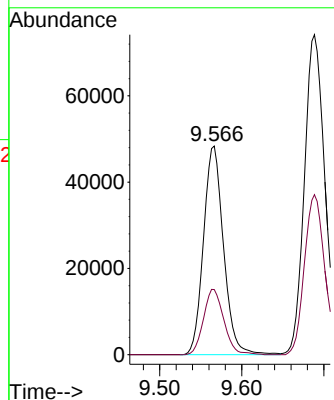
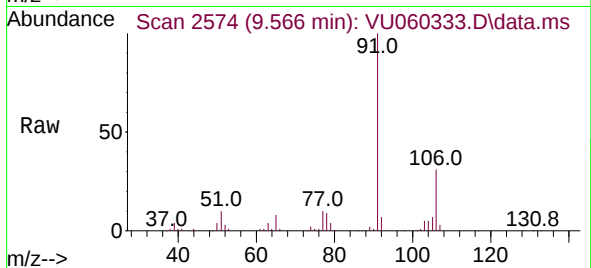
ClientSampleId :

Tgt Ion: 91 Resp: 82139

Ion Ratio Lower Upper

91 100

106 31.2 24.4 36.6



#64

m/p-Xylenes

Concen: 4.185 ug/l

RT: 9.689 min Scan# 2612

Delta R.T. 0.001 min

Lab File: VU060333.D

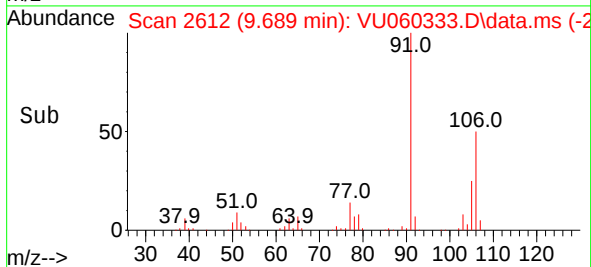
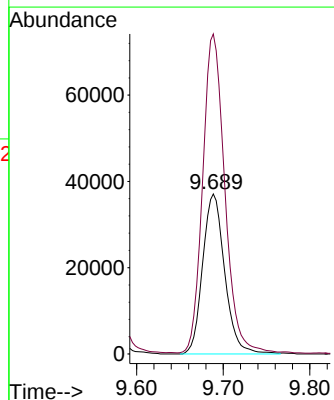
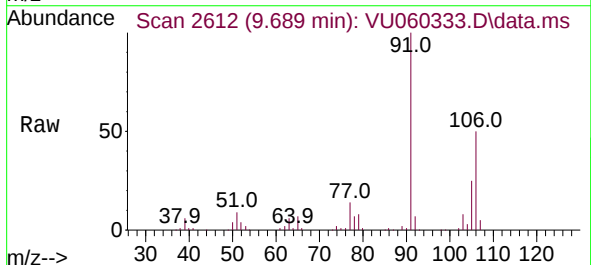
Acq: 07 Aug 2024 13:39

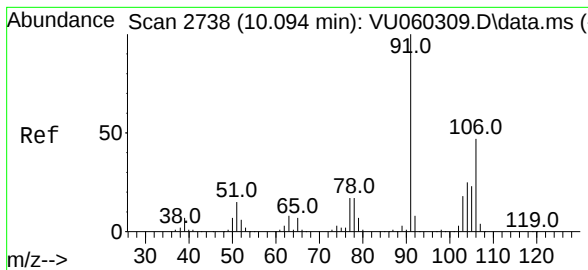
Tgt Ion:106 Resp: 65615

Ion Ratio Lower Upper

106 100

91 199.0 165.0 247.4

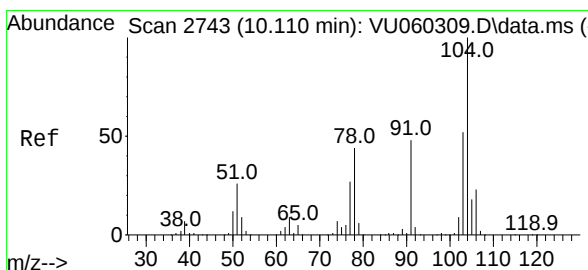
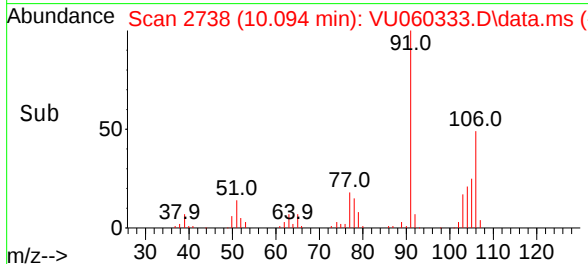
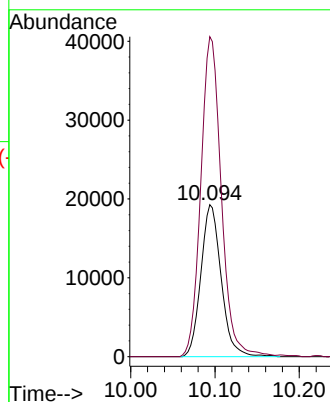
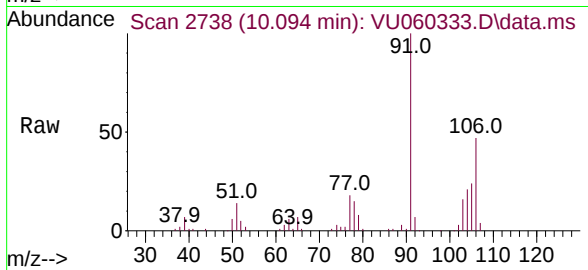




#65
o-Xylene
Concen: 2.160 ug/l
RT: 10.094 min Scan# 2738
Delta R.T. -0.000 min
Lab File: VU060333.D
Acq: 07 Aug 2024 13:39

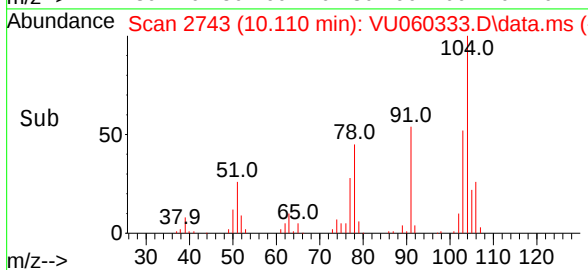
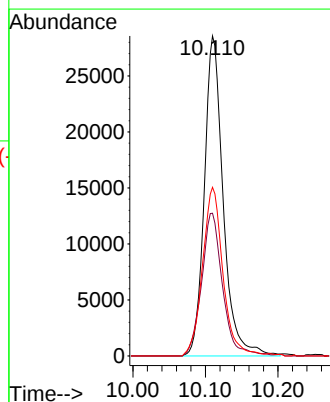
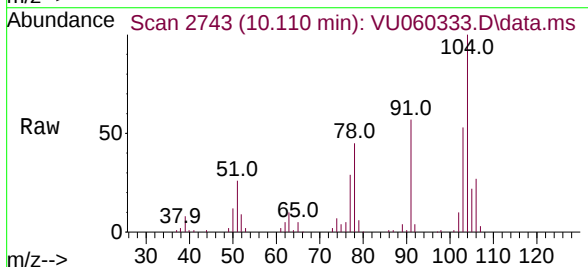
Instrument :
MSVOA_U
ClientSampleId :

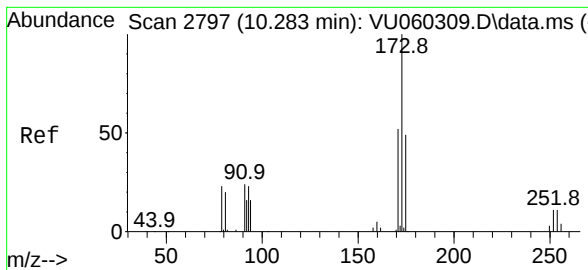
Tgt Ion:106 Resp: 32328
Ion Ratio Lower Upper
106 100
91 212.5 108.8 326.4



#66
Styrene
Concen: 2.066 ug/l
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU060333.D
Acq: 07 Aug 2024 13:39

Tgt Ion:104 Resp: 51728
Ion Ratio Lower Upper
104 100
78 49.3 39.0 58.6
103 56.9 45.0 67.6





#67

Bromoform

Concen: 2.065 ug/l

RT: 10.283 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU060333.D

Acq: 07 Aug 2024 13:39

Instrument :

MSVOA_U

ClientSampleId :

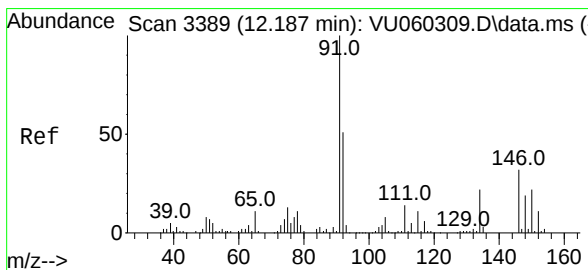
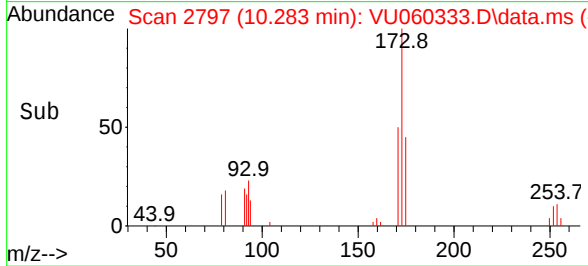
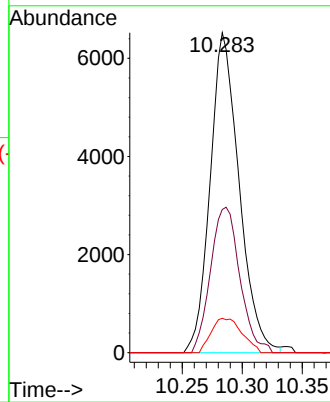
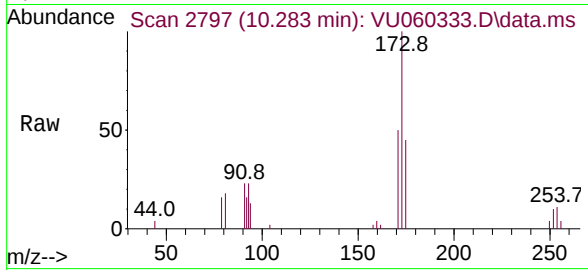
Tgt Ion:173 Resp: 10938

Ion Ratio Lower Upper

173 100

175 46.0 39.7 59.5

254 11.4 8.2 12.4



#68

1,2-Dichlorobenzene-d4

Concen: 1.095 ug/l

RT: 12.190 min Scan# 3390

Delta R.T. 0.003 min

Lab File: VU060333.D

Acq: 07 Aug 2024 13:39

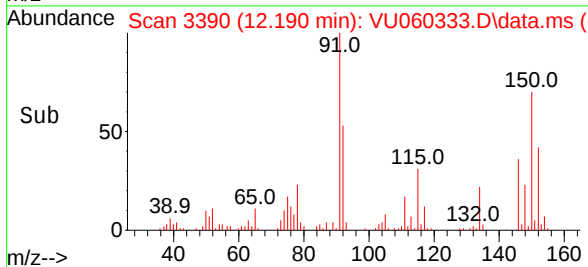
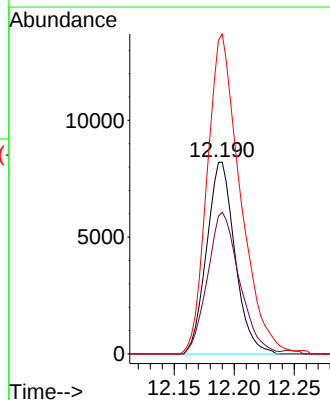
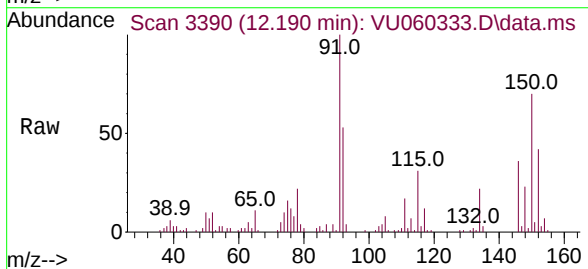
Tgt Ion:152 Resp: 13460

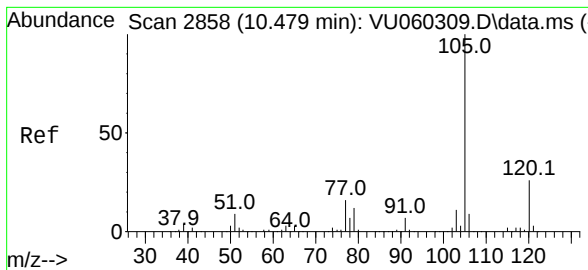
Ion Ratio Lower Upper

152 100

115 83.7 0.0 325.2

150 194.8 0.0 684.2





#69

Isopropylbenzene

Concen: 2.154 ug/l

RT: 10.480 min Scan# 21

Delta R.T. 0.001 min

Lab File: VU060333.D

Acq: 07 Aug 2024 13:39

Instrument :

MSVOA_U

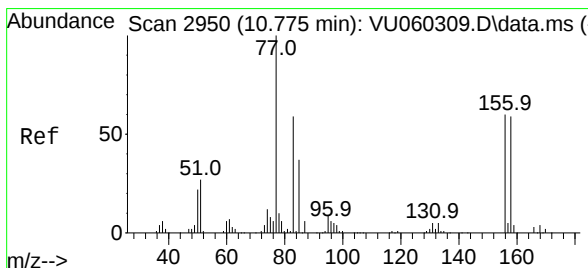
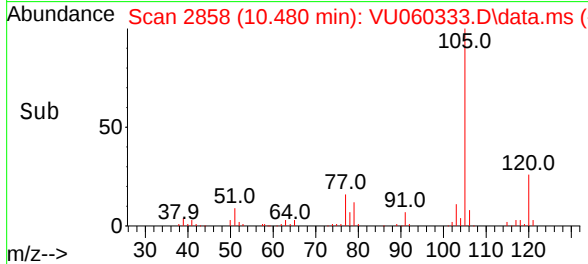
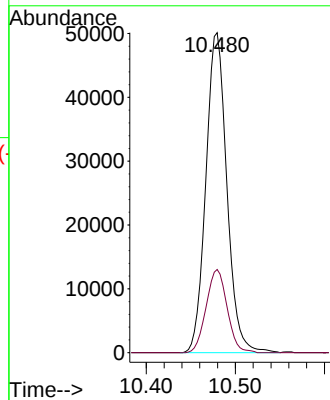
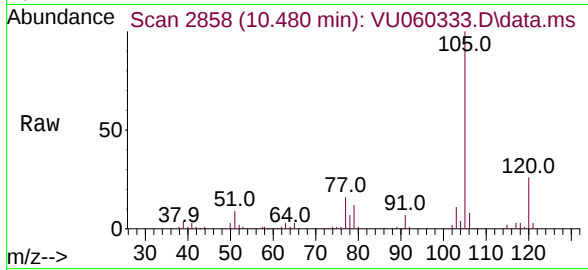
ClientSampleId :

Tgt Ion:105 Resp: 81921

Ion Ratio Lower Upper

105 100

120 26.0 13.0 39.0



#70

1,1,2,2-Tetrachloroethane

Concen: 1.952 ug/l

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU060333.D

Acq: 07 Aug 2024 13:39

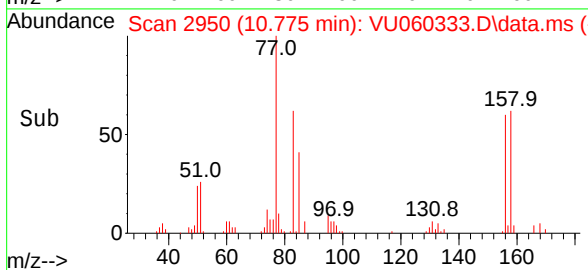
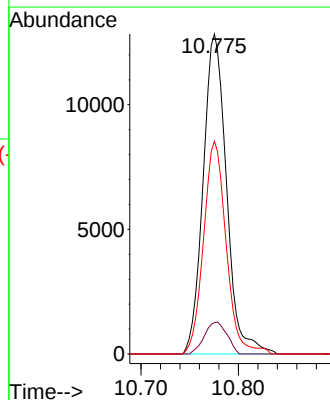
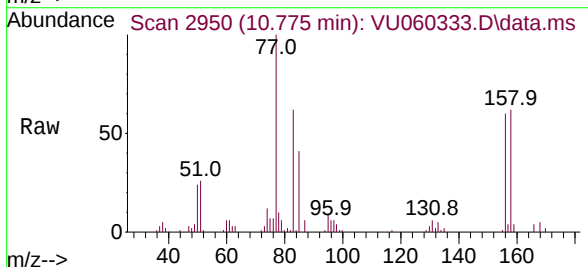
Tgt Ion: 83 Resp: 21415

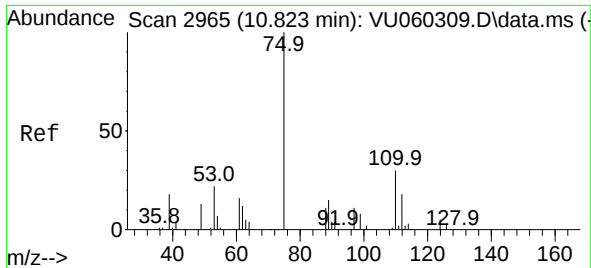
Ion Ratio Lower Upper

83 100

131 9.6 7.1 10.7

85 64.3 50.9 76.3

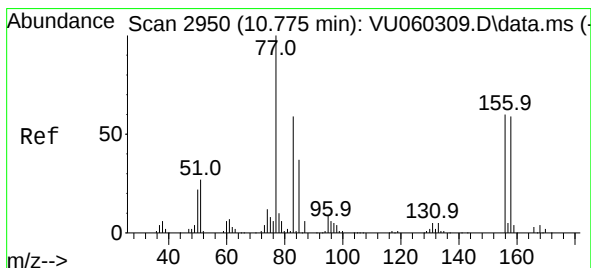
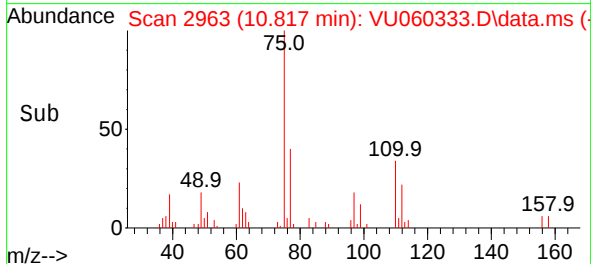
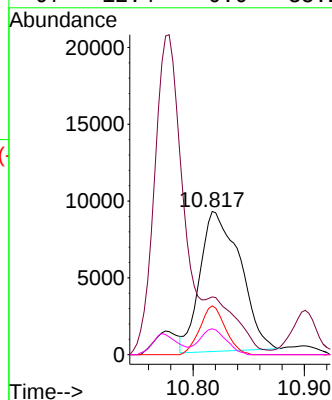
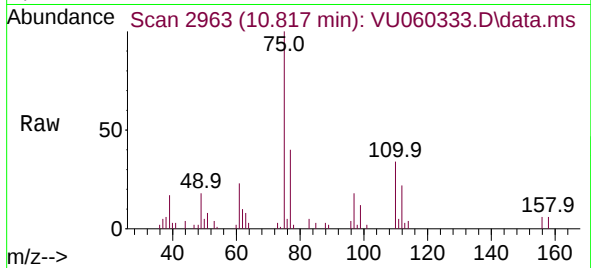




#71
1,2,3-Trichloropropane
Concen: 2.811 ug/l
RT: 10.817 min Scan# 2963
Delta R.T. -0.006 min
Lab File: VU060333.D
Acq: 07 Aug 2024 13:39

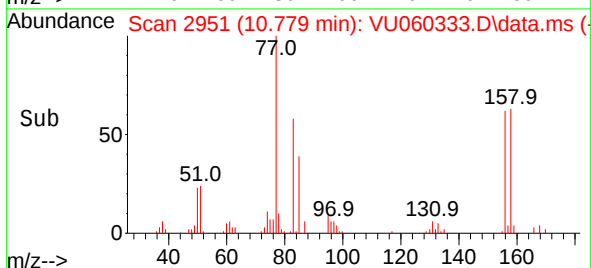
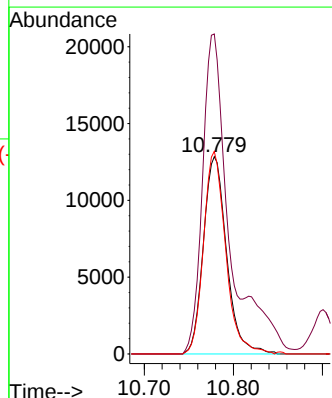
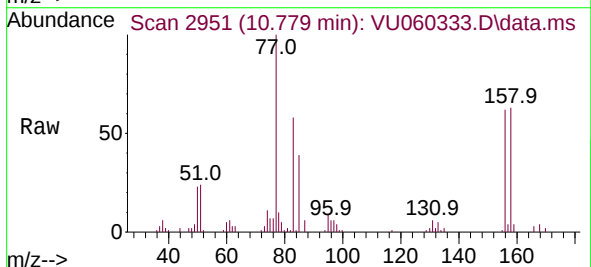
Instrument :
MSVOA_U
ClientSampleId :

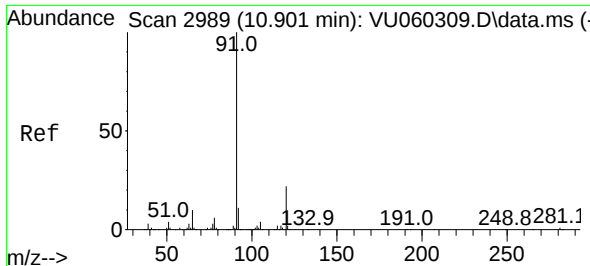
Tgt Ion: 75	Resp: 22851
Ion Ratio	Lower Upper
75 100	
77 0.0	0.0 102.2
110 22.2	0.0 67.4
97 12.4	0.0 38.2



#72
Bromobenzene
Concen: 2.302 ug/l
RT: 10.779 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VU060333.D
Acq: 07 Aug 2024 13:39

Tgt Ion: 156	Resp: 23295
Ion Ratio	Lower Upper
156 100	
77 160.2	0.0 327.2
158 98.0	0.0 193.8

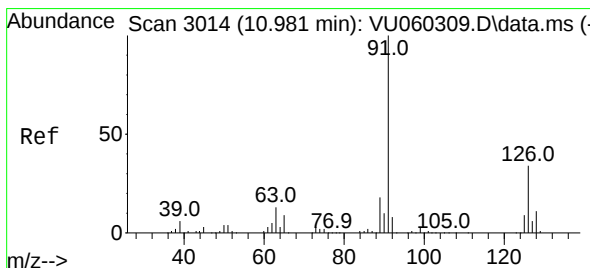
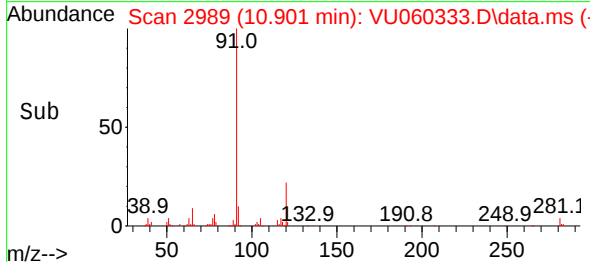
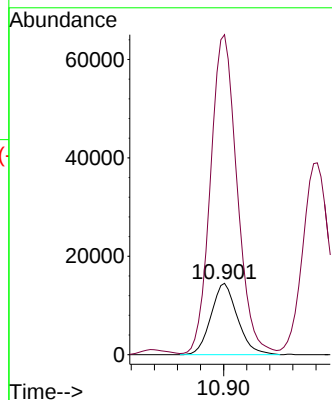
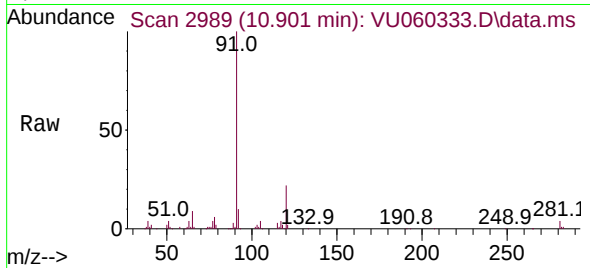




#73
n-propylbenzene
Concen: 2.136 ug/l
RT: 10.901 min Scan# 2989
Delta R.T. -0.000 min
Lab File: VU060333.D
Acq: 07 Aug 2024 13:39

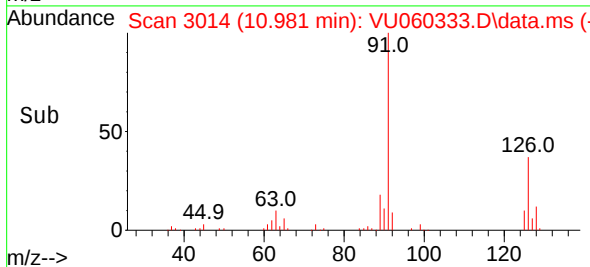
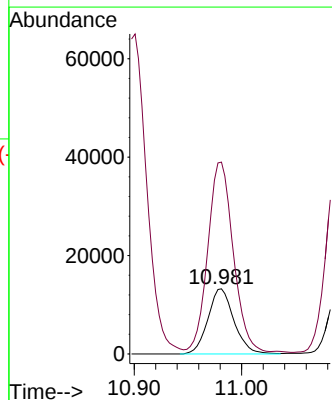
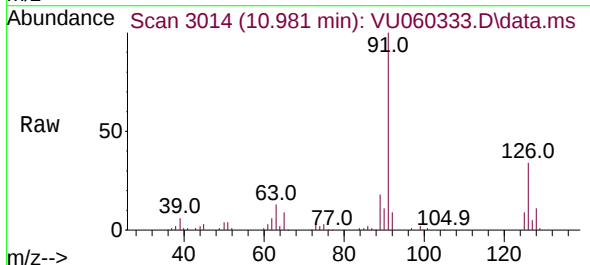
Instrument :
MSVOA_U
ClientSampleId :

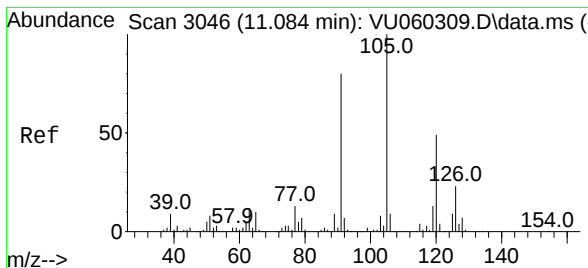
Tgt Ion:120 Resp: 23105
Ion Ratio Lower Upper
120 100
91 448.0 362.2 543.2



#74
2-Chlorotoluene
Concen: 2.148 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. 0.000 min
Lab File: VU060333.D
Acq: 07 Aug 2024 13:39

Tgt Ion:126 Resp: 22288
Ion Ratio Lower Upper
126 100
91 283.1 0.0 585.6

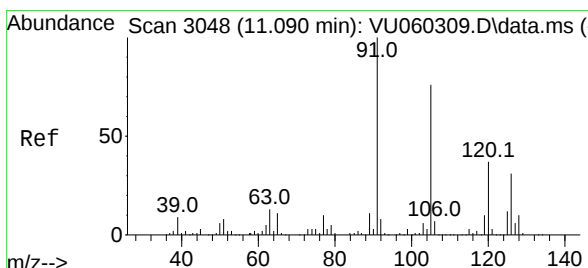
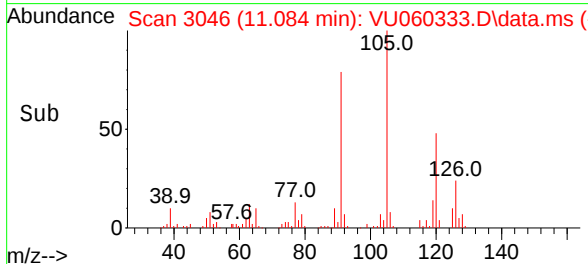
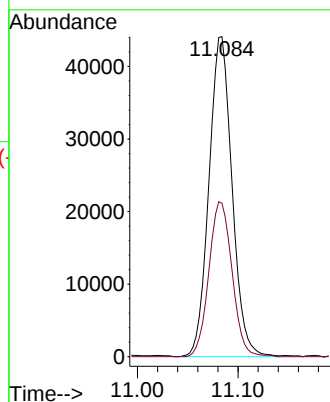
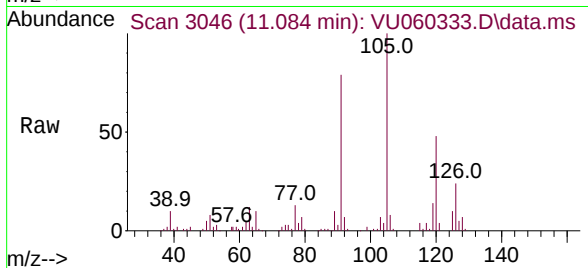




#75
1,3,5-Trimethylbenzene
Concen: 2.080 ug/l
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VU060333.D
Acq: 07 Aug 2024 13:39

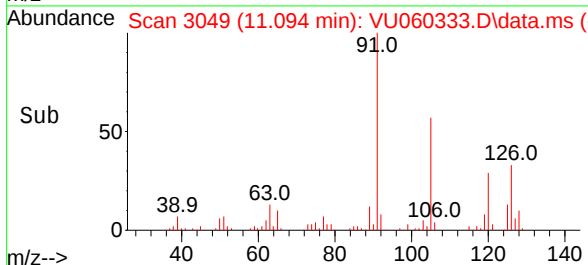
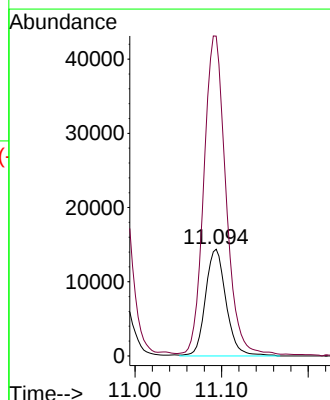
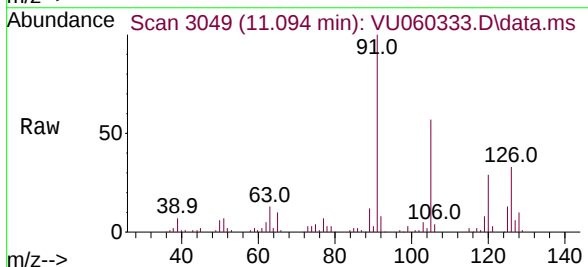
Instrument :
MSVOA_U
ClientSampleId :

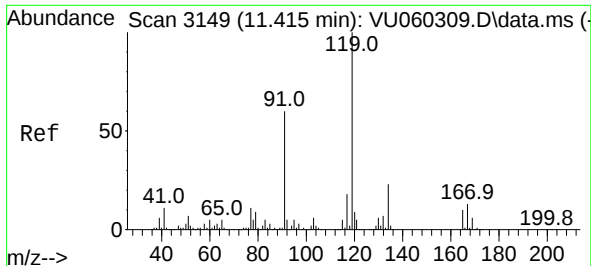
Tgt Ion:105 Resp: 70488
Ion Ratio Lower Upper
105 100
120 48.5 38.6 57.8



#76
4-Chlorotoluene
Concen: 2.194 ug/l
RT: 11.094 min Scan# 3049
Delta R.T. 0.004 min
Lab File: VU060333.D
Acq: 07 Aug 2024 13:39

Tgt Ion:126 Resp: 23767
Ion Ratio Lower Upper
126 100
91 316.9 0.0 669.4





#77

tert-Butylbenzene

Concen: 2.135 ug/l

RT: 11.412 min Scan# 3149

Delta R.T. -0.003 min

Lab File: VU060333.D

Acq: 07 Aug 2024 13:39

Instrument :

MSVOA_U

ClientSampleId :

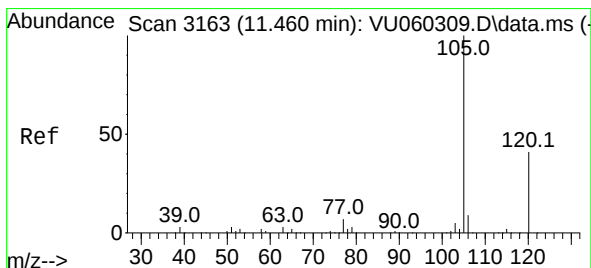
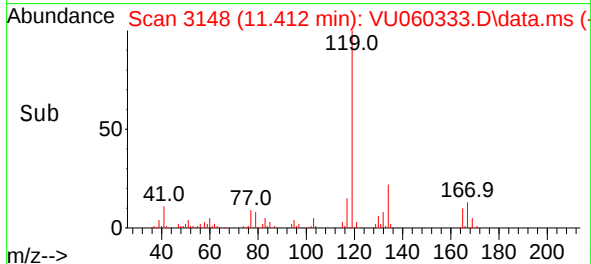
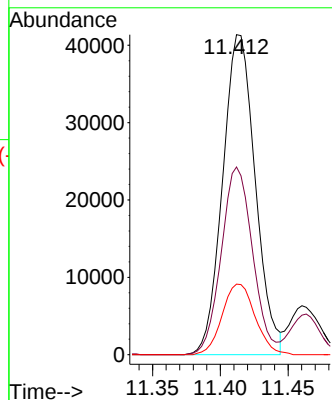
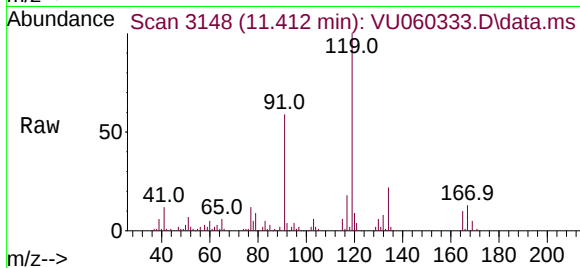
Tgt Ion:119 Resp: 69261

Ion Ratio Lower Upper

119 100

91 56.2 29.0 87.1

134 22.3 17.8 26.8



#78

1,2,4-Trimethylbenzene

Concen: 2.084 ug/l

RT: 11.463 min Scan# 3164

Delta R.T. 0.003 min

Lab File: VU060333.D

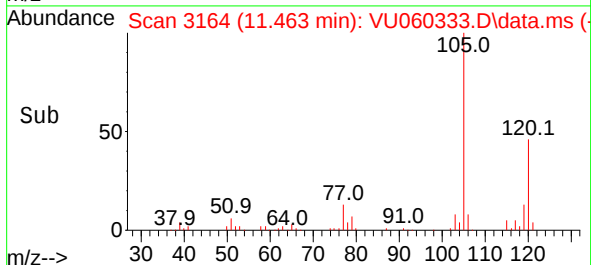
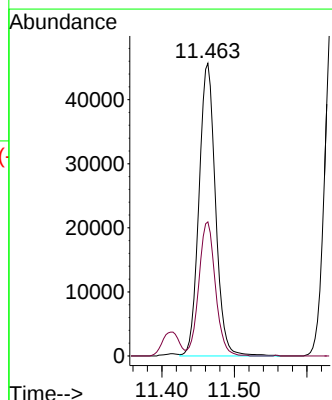
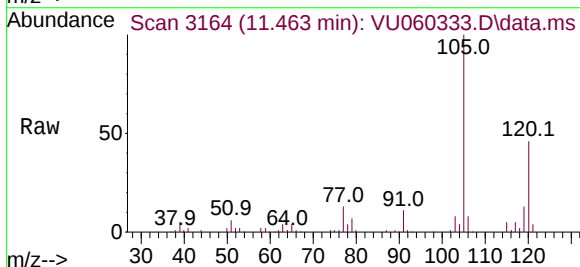
Acq: 07 Aug 2024 13:39

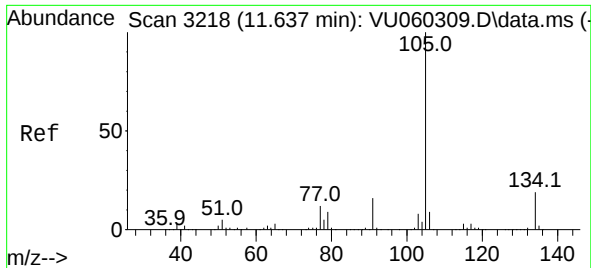
Tgt Ion:105 Resp: 72202

Ion Ratio Lower Upper

105 100

120 46.1 22.6 67.7





#79

sec-Butylbenzene

Concen: 2.150 ug/l

RT: 11.637 min Scan# 3218

Delta R.T. 0.000 min

Lab File: VU060333.D

Acq: 07 Aug 2024 13:39

Instrument :

MSVOA_U

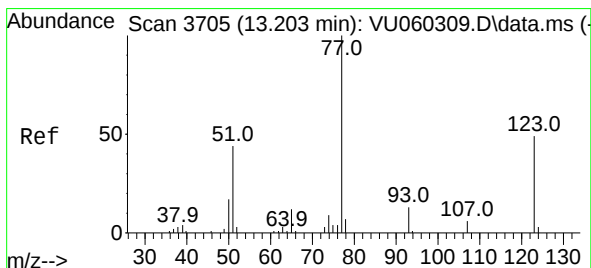
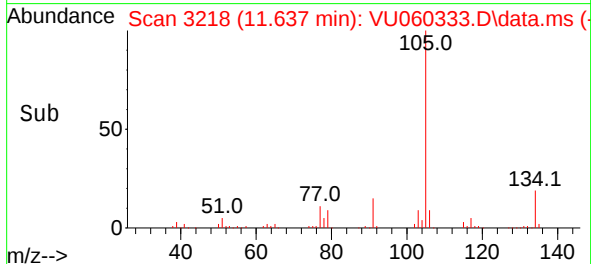
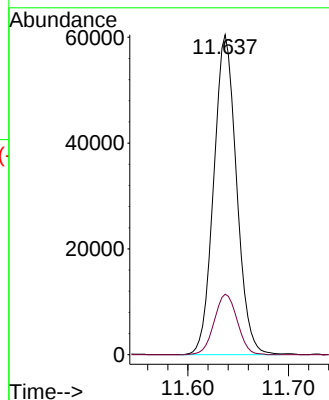
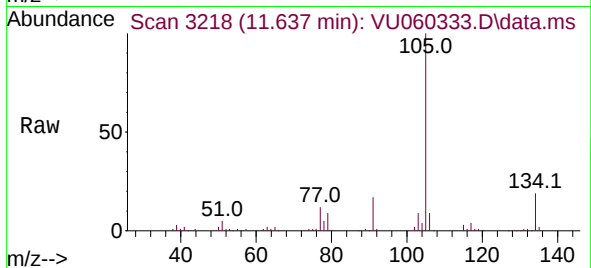
ClientSampleId :

Tgt Ion:105 Resp: 95440

Ion Ratio Lower Upper

105 100

134 19.1 15.5 23.3



#80

Nitrobenzene

Concen: 6.881 ug/l

RT: 13.216 min Scan# 3709

Delta R.T. 0.013 min

Lab File: VU060333.D

Acq: 07 Aug 2024 13:39

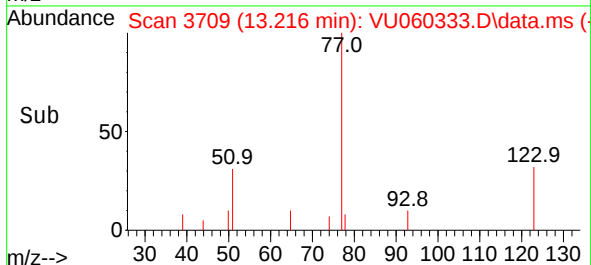
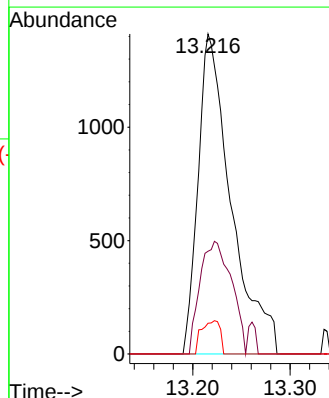
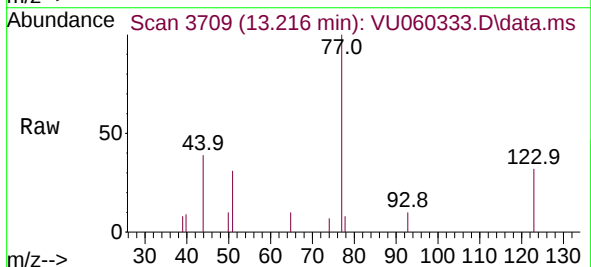
Tgt Ion: 77 Resp: 3316

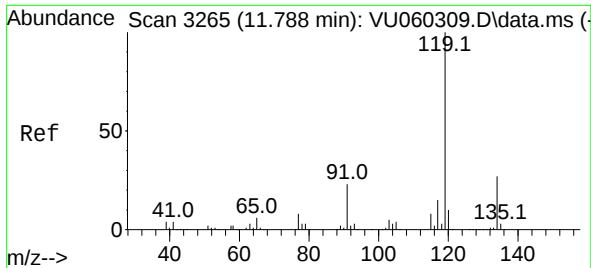
Ion Ratio Lower Upper

77 100

123 33.5 19.6 69.6

65 5.9 9.0 11.4#

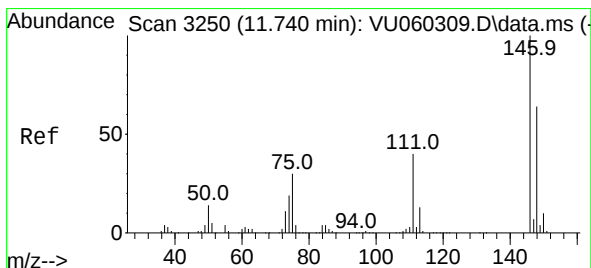
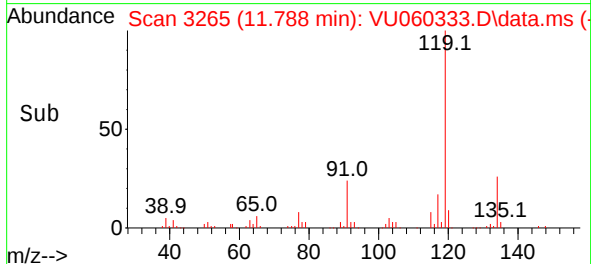
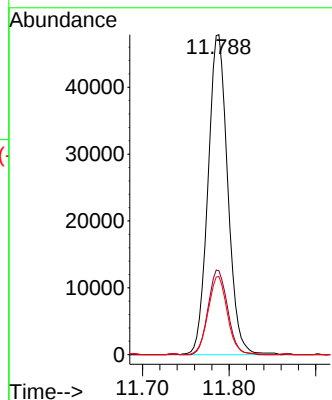
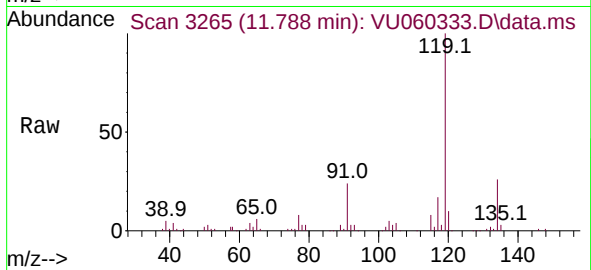




#81
 p-Isopropyltoluene
 Concen: 2.128 ug/l
 RT: 11.788 min Scan# 3265
 Delta R.T. 0.000 min
 Lab File: VU060333.D
 Acq: 07 Aug 2024 13:39

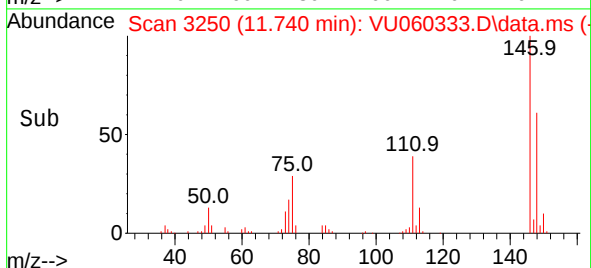
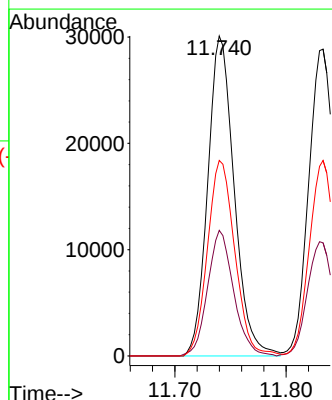
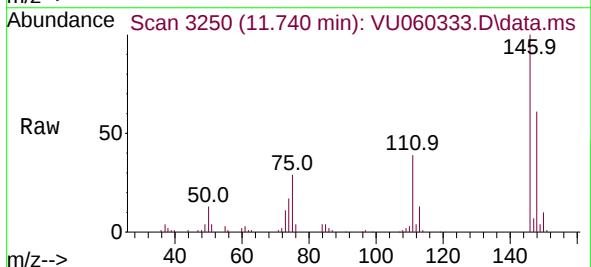
Instrument :
 MSVOA_U
 ClientSampleId :

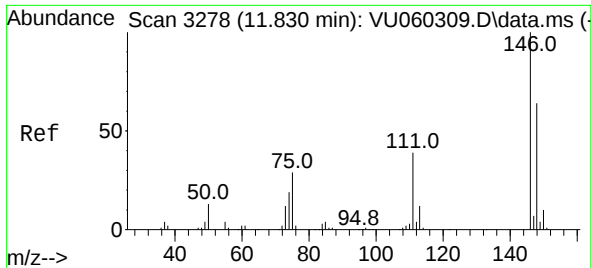
Tgt Ion:119 Resp: 75734
 Ion Ratio Lower Upper
 119 100
 134 26.0 21.2 31.8
 91 24.0 18.9 28.3



#82
 1,3-Dichlorobenzene
 Concen: 2.350 ug/l
 RT: 11.740 min Scan# 3250
 Delta R.T. 0.000 min
 Lab File: VU060333.D
 Acq: 07 Aug 2024 13:39

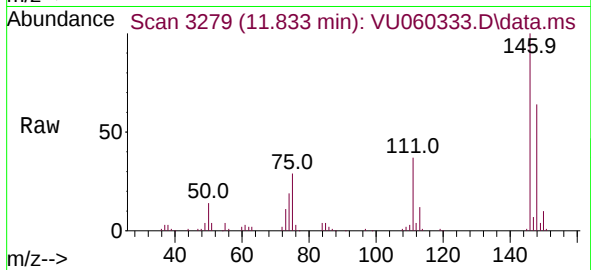
Tgt Ion:146 Resp: 49627
 Ion Ratio Lower Upper
 146 100
 111 38.6 32.0 48.0
 148 63.2 51.4 77.0



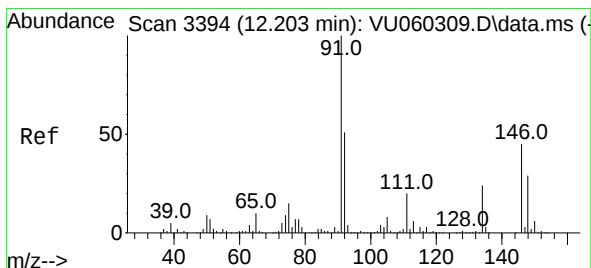
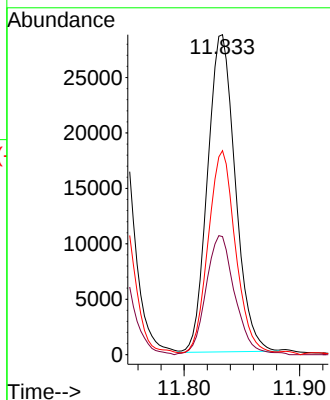
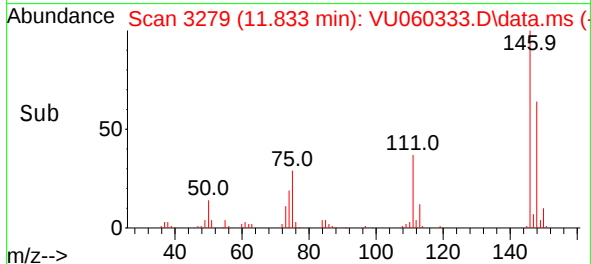


#83
1,4-Dichlorobenzene
Concen: 2.277 ug/l
RT: 11.833 min Scan# 3278
Delta R.T. 0.003 min
Lab File: VU060333.D
Acq: 07 Aug 2024 13:39

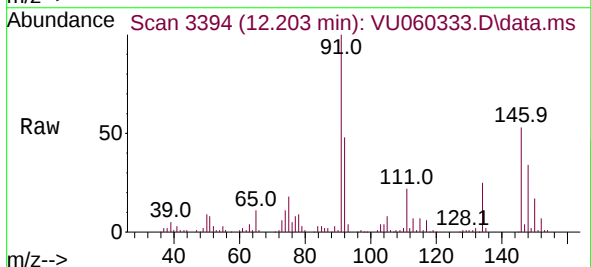
Instrument :
MSVOA_U
ClientSampleId :



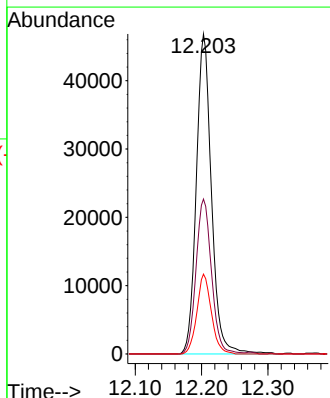
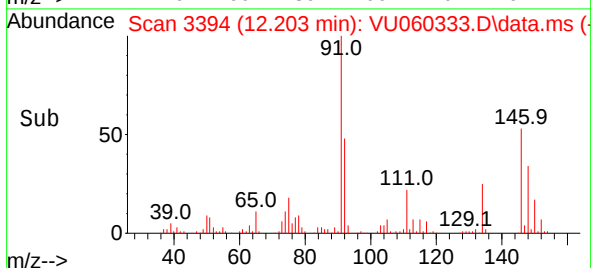
Tgt Ion:146 Resp: 47729
Ion Ratio Lower Upper
146 100
111 38.9 30.9 46.3
148 62.5 51.8 77.6

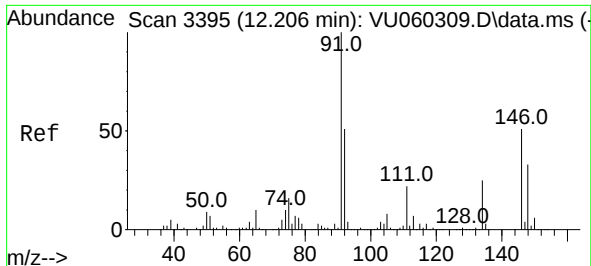


#84
n-Butylbenzene
Concen: 2.142 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. -0.000 min
Lab File: VU060333.D
Acq: 07 Aug 2024 13:39



Tgt Ion: 91 Resp: 74118
Ion Ratio Lower Upper
91 100
92 49.7 41.0 61.6
134 23.9 19.4 29.2





#85

1,2-Dichlorobenzene

Concen: 2.219 ug/l

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU060333.D

Acq: 07 Aug 2024 13:39

Instrument :

MSVOA_U

ClientSampleId :

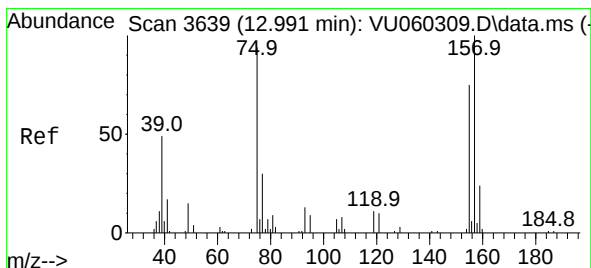
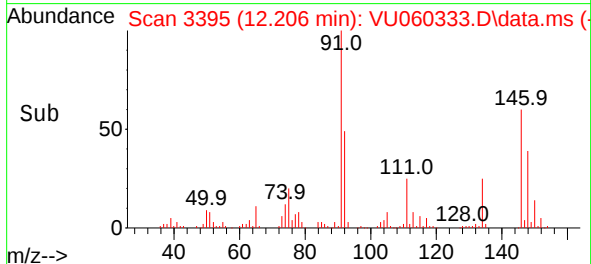
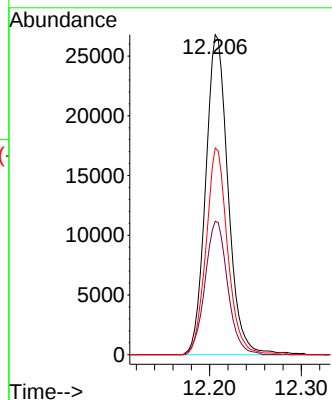
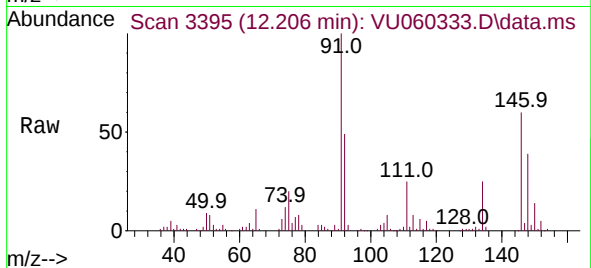
Tgt Ion:146 Resp: 45317

Ion Ratio Lower Upper

146 100

111 42.2 21.3 63.7

148 62.5 32.0 96.0



#86

1,2-Dibromo-3-Chloropropane

Concen: 1.691 ug/l

RT: 12.991 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU060333.D

Acq: 07 Aug 2024 13:39

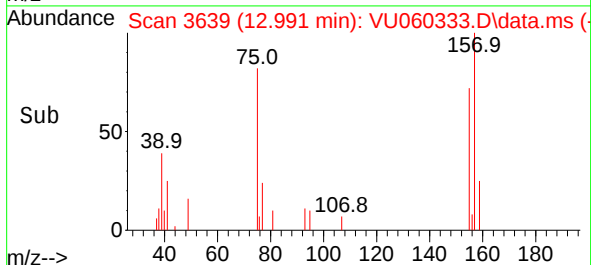
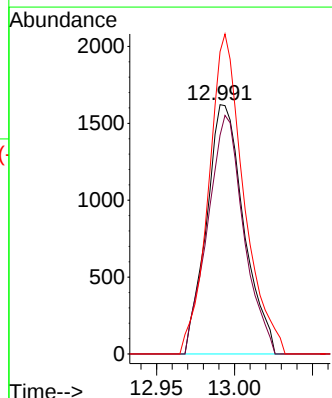
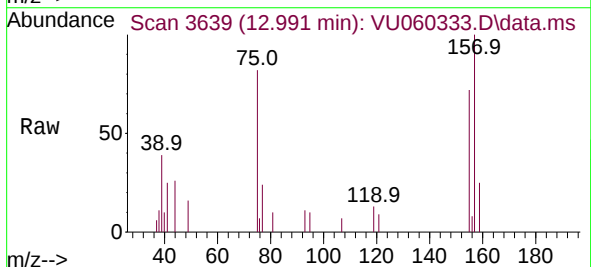
Tgt Ion: 75 Resp: 2690

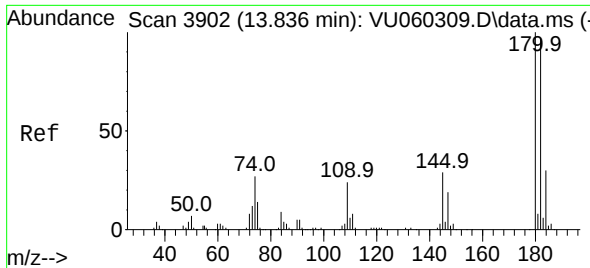
Ion Ratio Lower Upper

75 100

155 92.3 66.1 99.1

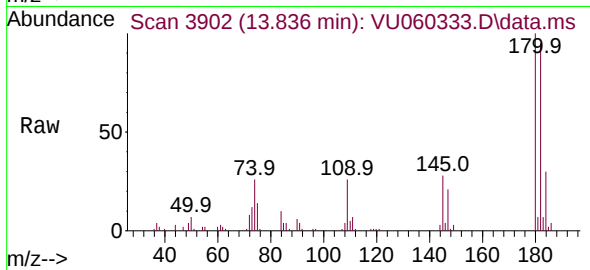
157 121.5 85.0 127.4



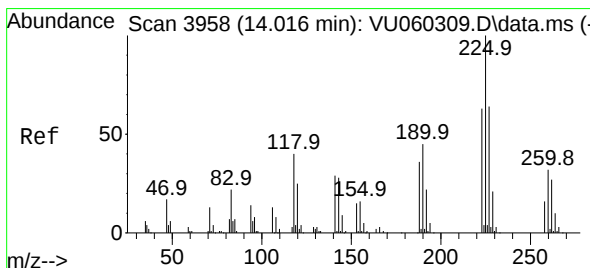
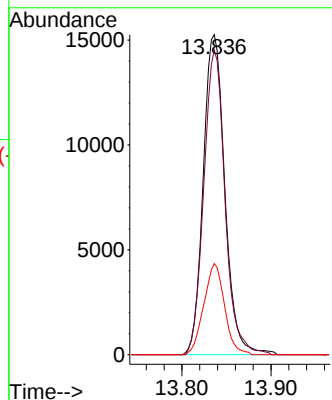
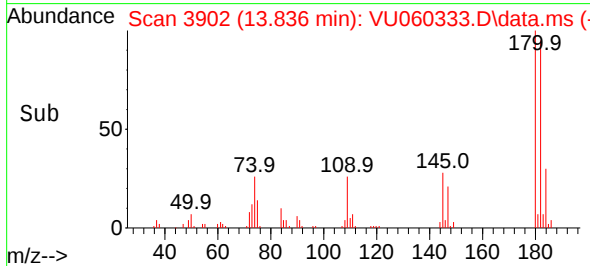


#87
1,2,4-Trichlorobenzene
Concen: 2.200 ug/l
RT: 13.836 min Scan# 3902
Delta R.T. 0.000 min
Lab File: VU060333.D
Acq: 07 Aug 2024 13:39

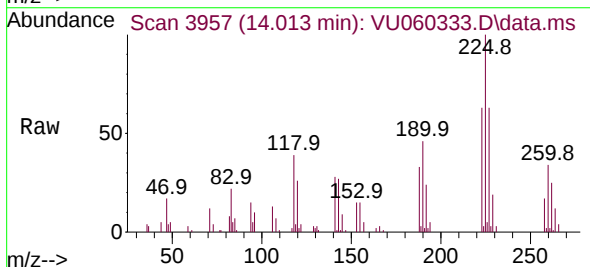
Instrument :
MSVOA_U
ClientSampleId :



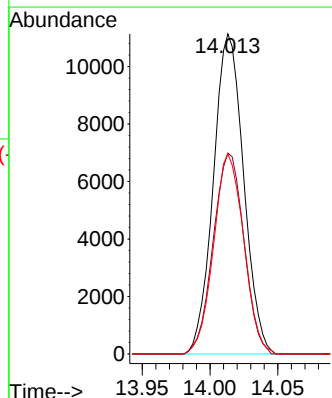
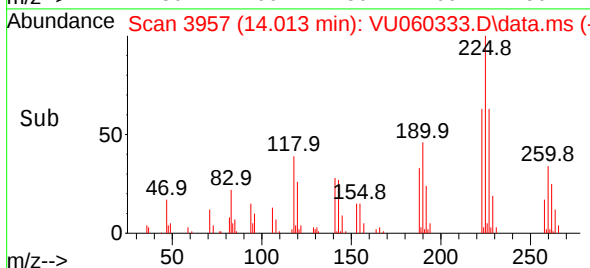
Tgt Ion:180 Resp: 25700
Ion Ratio Lower Upper
180 100
182 93.3 76.8 115.2
145 27.3 23.4 35.0

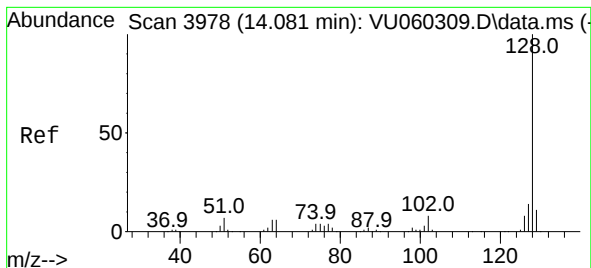


#88
Hexachlorobutadiene
Concen: 2.287 ug/l
RT: 14.013 min Scan# 3957
Delta R.T. -0.003 min
Lab File: VU060333.D
Acq: 07 Aug 2024 13:39



Tgt Ion:225 Resp: 17276
Ion Ratio Lower Upper
225 100
223 63.5 50.8 76.2
227 62.3 50.8 76.2





#89

Naphthalene

Concen: 1.747 ug/l

RT: 14.084 min Scan# 3978

Delta R.T. 0.003 min

Lab File: VU060333.D

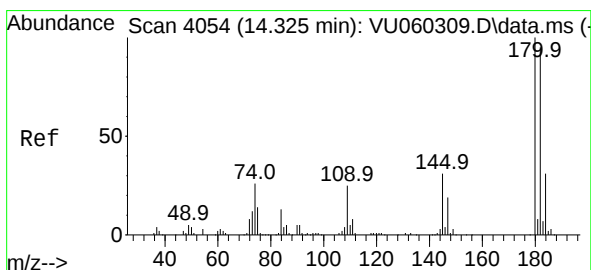
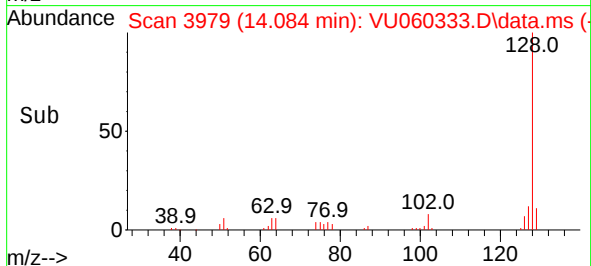
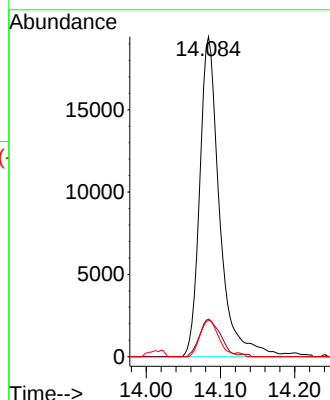
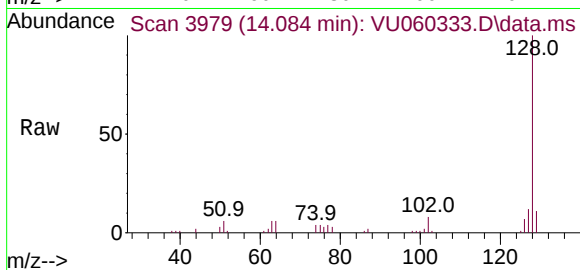
Acq: 07 Aug 2024 13:39

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:128	Resp:	36105
Ion Ratio	Lower	Upper
128	100	
127	12.3	11.0 16.4
129	10.8	8.6 12.8



#90

1,2,3-Trichlorobenzene

Concen: 2.008 ug/l

RT: 14.325 min Scan# 4054

Delta R.T. 0.000 min

Lab File: VU060333.D

Acq: 07 Aug 2024 13:39

Tgt Ion:180	Resp:	22902
Ion Ratio	Lower	Upper
180	100	
182	98.3	76.1 114.1
145	32.0	25.0 37.6

