

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022723\
 Data File : VU053159.D
 Acq On : 27 Feb 2023 18:52
 Operator : JC/MD
 Sample : RL CHECK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RL CHECK

Quant Time: Feb 28 04:20:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U022723DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 28 03:35:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.109	96	25501	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	10303	0.957	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.000%	
68) 1,2-Dichlorobenzene-d4	12.189	152	8613	1.009	ug/l	0.00
Spiked Amount 1.000			Recovery	=	101.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.386	85	2477	0.383	ug/l	92
3) Chloromethane	1.521	50	2812	0.422	ug/l	99
4) Vinyl Chloride	1.605	62	3086	0.435	ug/l	98
5) Bromomethane	1.862	94	1853	0.458	ug/l	92
6) Chloroethane	1.936	64	1967	0.456	ug/l	99
7) Trichlorofluoromethane	2.138	101	4190	0.410	ug/l	91
8) 1,1,2-Trichloro-1,2,2-...	2.582	101	2406	0.376	ug/l	94
9) 1,1-Dichloroethene	2.585	96	2342	0.422	ug/l	96
10) Iodomethane	2.727	142	1890	0.331	ug/l	94
11) Allyl Chloride	2.926	41	3753	0.433	ug/l	96
12) Acrylonitrile	3.328	53	1331	0.936	ug/l #	65
14) Carbon Disulfide	2.794	76	5193	0.408	ug/l #	90
15) Methylene Chloride	3.048	84	6806	0.858	ug/l	98
16) trans-1,2-Dichloroethene	3.350	96	2548	0.418	ug/l	96
17) 1,1-Dichloroethane	3.865	63	5305	0.397	ug/l #	80
18) 2-Butanone	4.730	43	3842	1.575	ug/l	78
19) Cyclohexane	5.383	56	3935	0.369	ug/l #	85
20) Methylcyclohexane	6.755	83	4183	0.409	ug/l	97
21) 2,2-Dichloropropane	4.666	77	5342	0.457	ug/l	94
22) cis-1,2-Dichloroethene	4.666	96	3305	0.439	ug/l	96
23) Diethyl Ether	2.376	59	2017	0.444	ug/l #	83
24) tert-Butyl Alcohol	3.177	59	191	0.358	ug/l #	71
25) Methyl tert-Butyl Ether	3.370	73	6560	0.406	ug/l #	72
26) Bromochloromethane	4.977	128	997	0.342	ug/l	95
27) Chloroform	5.087	83	5724	0.416	ug/l	90
28) 1,1,1-Trichloroethane	5.309	97	4558	0.394	ug/l	95
29) 1,1-Dichloropropene	5.524	75	3380	0.390	ug/l #	88
30) Carbon Tetrachloride	5.521	117	3209	0.403	ug/l	92
31) Isopropyl Ether	4.000	45	8974	0.421	ug/l	100
32) Ethyl-t-butyl ether	4.505	59	8597	0.426	ug/l	96
33) Tert-Amyl methyl ether	5.945	73	6465	0.404	ug/l #	93
34) Propionitrile	4.804	54	1373	2.419	ug/l #	70
35) Benzene	5.772	78	10265	0.402	ug/l	97
36) 1,2-Dichloroethane	5.797	62	3047	0.399	ug/l #	85
37) Trichloroethene	6.540	130	2693	0.459	ug/l	90
38) 1,2-Dichloropropane	6.788	63	3022	0.409	ug/l	97
40) Methyl acrylate	4.852	55	1416	0.378	ug/l #	64
41) Tetrahydrofuran	5.055	42	349	0.294	ug/l #	68
42) 1-Chlorobutane	5.457	56	4986	0.414	ug/l	94
43) Dibromomethane	6.923	93	1263	0.386	ug/l	96
44) Bromodichloromethane	7.106	83	3725	0.416	ug/l #	98
45) 4-Methyl-2-Pentanone	7.800	43	8998	2.250	ug/l	99
46) t-1,4-Dichloro-2-butene	10.823	75	3413	1.694	ug/l #	48

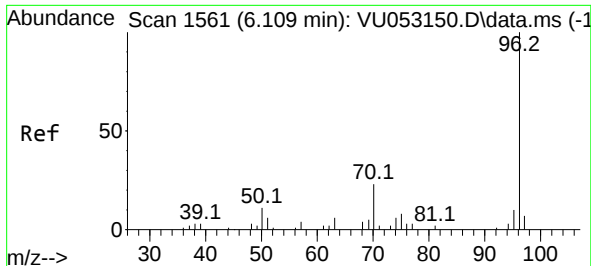
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022723\
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 28 03:35:42 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Methyl methacrylate	6.971	69	3152	0.935	ug/l	96
48) Ethyl methacrylate	8.337	69	2970	0.429	ug/l	99
49) Toluene	7.968	92	6518	0.414	ug/l	98
50) t-1,3-Dichloropropene	8.212	75	3596	0.413	ug/l	92
51) cis-1,3-Dichloropropene	7.611	75	4258	0.404	ug/l #	91
52) 1,1,2-Trichloroethane	8.399	97	2055	0.427	ug/l #	90
53) 1,3-Dichloropropane	8.572	76	3665	0.425	ug/l	99
54) 2-Hexanone	8.694	43	6280	1.843	ug/l	92
55) Dibromochloromethane	8.807	129	2012	0.367	ug/l	88
56) 1,2-Dibromoethane	8.919	107	1704	0.399	ug/l	91
58) Tetrachloroethene	8.550	164	1981	0.424	ug/l	93
59) Chlorobenzene	9.447	112	7551	0.429	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.534	131	2612	0.449	ug/l	92
61) Pentachloroethane	11.424	117	1880	0.372	ug/l	90
62) Hexachloroethane	12.472	117	1897	0.341	ug/l	92
63) Ethyl Benzene	9.569	91	13595	0.419	ug/l	91
64) m/p-Xylenes	9.691	106	9931	0.843	ug/l	99
65) o-Xylene	10.099	106	4874	0.405	ug/l	99
66) Styrene	10.116	104	8097	0.425	ug/l	97
67) Bromoform	10.292	173	1007	0.377	ug/l #	91
69) Isopropylbenzene	10.482	105	12864	0.399	ug/l	97
70) 1,1,2,2-Tetrachloroethane	10.778	83	2525	0.389	ug/l #	92
71) 1,2,3-Trichloropropane	10.823	75	3413	0.612	ug/l	83
72) Bromobenzene	10.781	156	2688	0.430	ug/l	94
73) n-propylbenzene	10.903	120	3307	0.387	ug/l	87
74) 2-Chlorotoluene	10.984	126	2987	0.422	ug/l	99
75) 1,3,5-Trimethylbenzene	11.083	105	10755	0.401	ug/l	98
76) 4-Chlorotoluene	11.096	126	2981	0.401	ug/l	90
77) tert-Butylbenzene	11.418	119	10702	0.407	ug/l	99
78) 1,2,4-Trimethylbenzene	11.466	105	11109	0.407	ug/l	99
79) sec-Butylbenzene	11.640	105	14848	0.407	ug/l	97
80) Nitrobenzene	13.221	77	543	1.602	ug/l #	44
81) p-Isopropyltoluene	11.791	119	11620	0.402	ug/l	96
82) 1,3-Dichlorobenzene	11.746	146	5604	0.408	ug/l	99
83) 1,4-Dichlorobenzene	11.836	146	6229	0.445	ug/l	100
84) n-Butylbenzene	12.205	91	13007	0.435	ug/l	94
85) 1,2-Dichlorobenzene	12.209	146	5270	0.403	ug/l	95
86) 1,2-Dibromo-3-Chloropr...	13.000	75	321	0.649	ug/l	94
87) 1,2,4-Trichlorobenzene	13.839	180	3491	0.435	ug/l	97
88) Hexachlorobutadiene	14.022	225	1717	0.438	ug/l #	82
89) Naphthalene	14.086	128	8239	0.482	ug/l	97
90) 1,2,3-Trichlorobenzene	14.331	180	3213	0.455	ug/l #	96

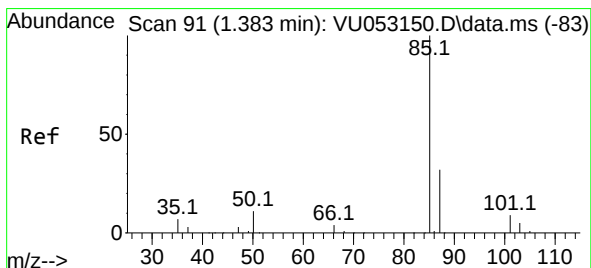
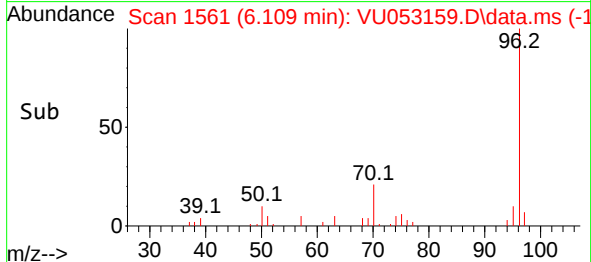
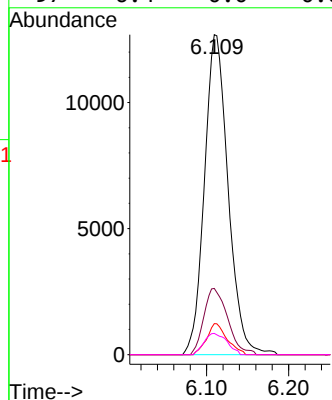
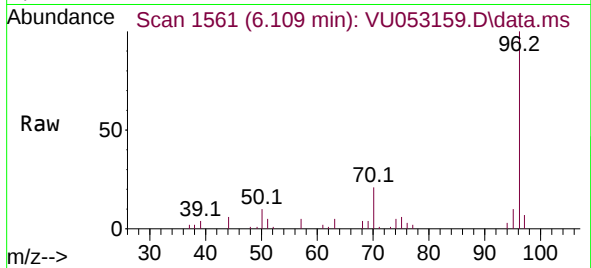
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.109 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU053159.D
Acq: 27 Feb 2023 18:52

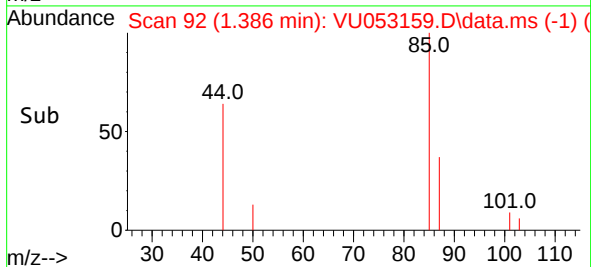
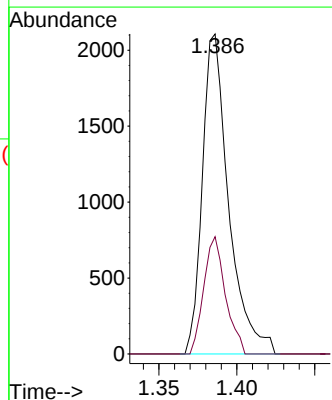
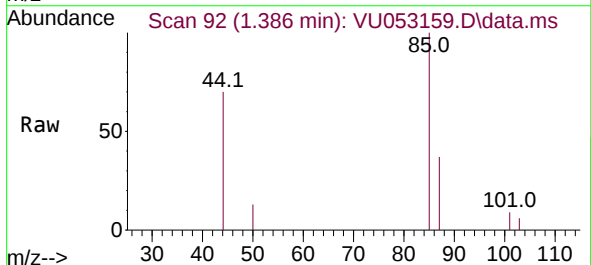
Instrument :
MSVOA_U
ClientSampleId :
RL CHECK

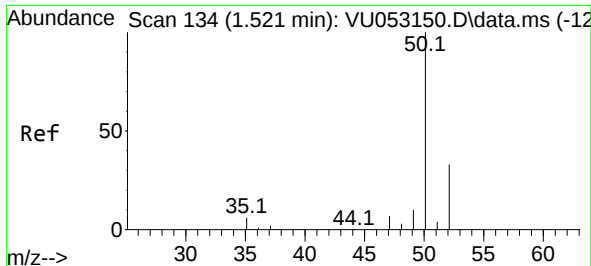
Tgt Ion: 96	Resp: 25501
Ion Ratio	Lower Upper
96 100	
70 20.8	15.5 23.3
95 8.4	7.0 10.6
97 6.4	0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 0.383 ug/l
RT: 1.386 min Scan# 92
Delta R.T. 0.003 min
Lab File: VU053159.D
Acq: 27 Feb 2023 18:52

Tgt Ion: 85	Resp: 2477
Ion Ratio	Lower Upper
85 100	
87 36.6	16.1 48.2

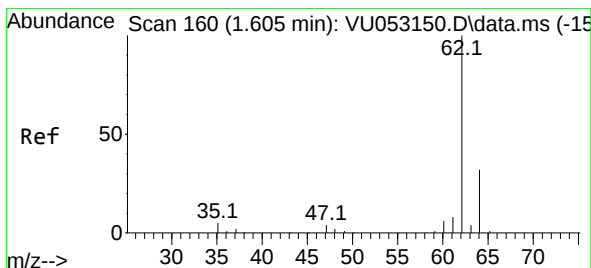
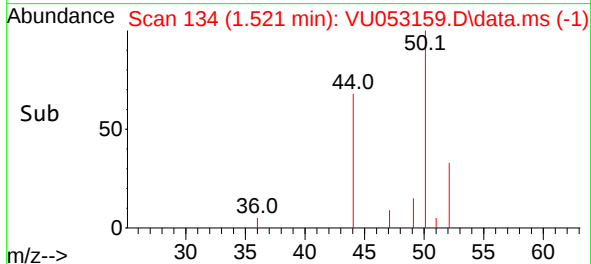
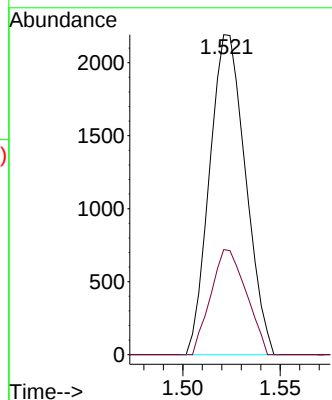
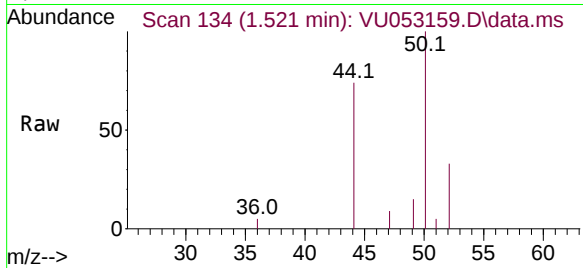




#3
Chloromethane
Concen: 0.422 ug/l
RT: 1.521 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU053159.D
Acq: 27 Feb 2023 18:52

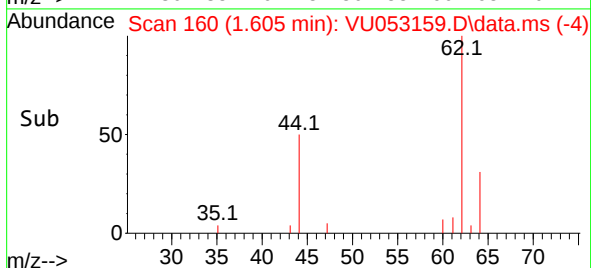
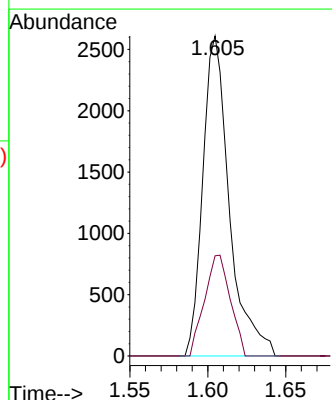
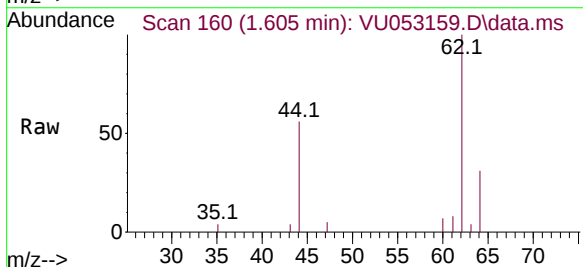
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MSVOA_U
ClientSampleId :
RL CHECK

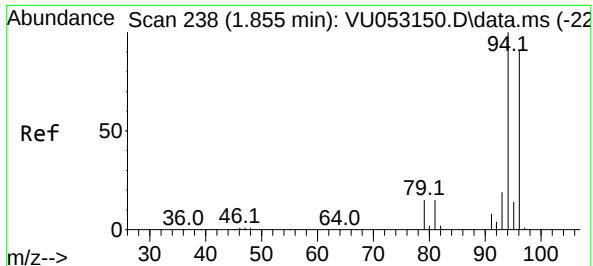
Tgt Ion: 50 Resp: 2812
Ion Ratio Lower Upper
50 100
52 32.8 26.7 40.1



#4
Vinyl Chloride
Concen: 0.435 ug/l
RT: 1.605 min Scan# 160
Delta R.T. 0.000 min
Lab File: VU053159.D
Acq: 27 Feb 2023 18:52

Tgt Ion: 62 Resp: 3086
Ion Ratio Lower Upper
62 100
64 31.3 25.8 38.6

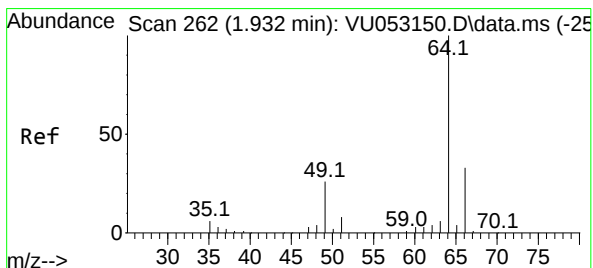
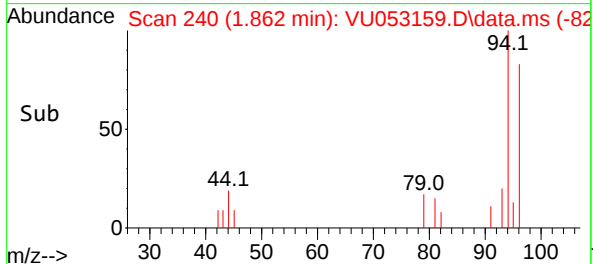
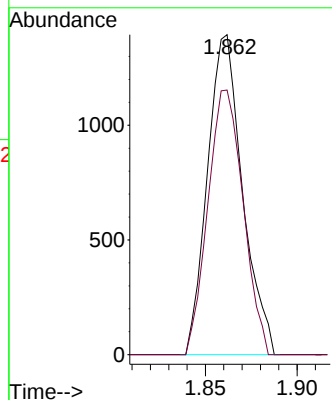
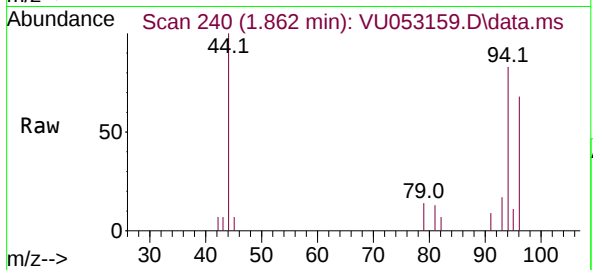




#5
Bromomethane
Concen: 0.458 ug/l
RT: 1.862 min Scan# 240
Delta R.T. 0.006 min
Lab File: VU053159.D
Acq: 27 Feb 2023 18:52

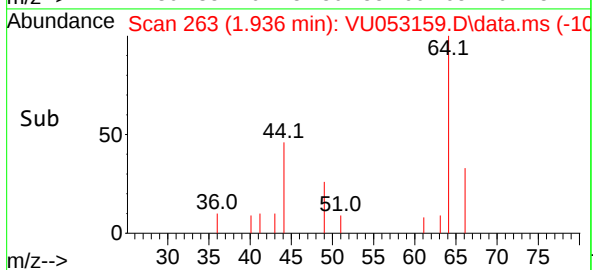
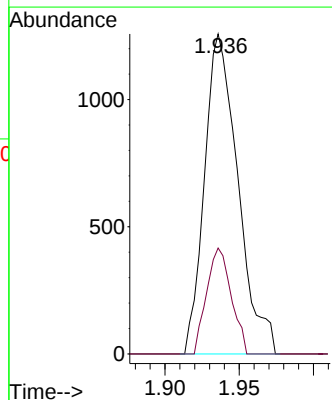
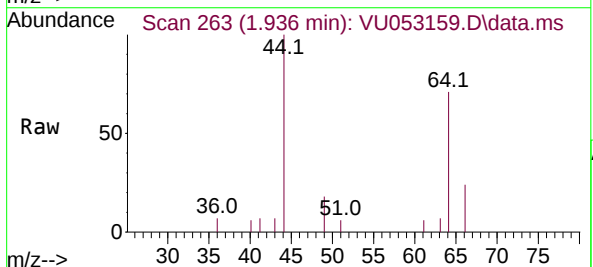
Instrument :
MSVOA_U
ClientSampleId :
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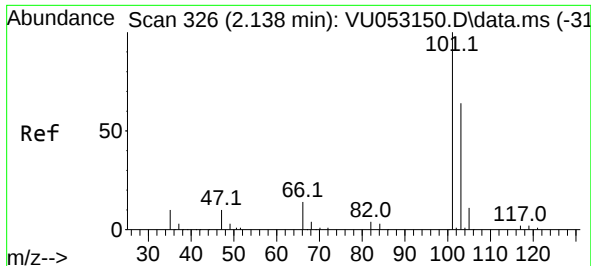
Tgt Ion: 94 Resp: 1853
Ion Ratio Lower Upper
94 100
96 82.7 72.6 108.8



#6
Chloroethane
Concen: 0.456 ug/l
RT: 1.936 min Scan# 263
Delta R.T. 0.003 min
Lab File: VU053159.D
Acq: 27 Feb 2023 18:52

Tgt Ion: 64 Resp: 1967
Ion Ratio Lower Upper
64 100
66 33.1 26.8 40.2

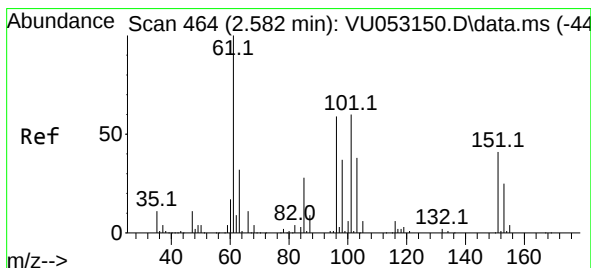
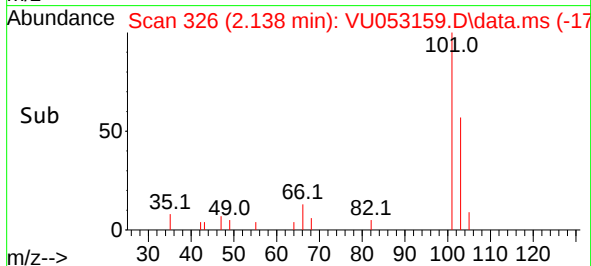
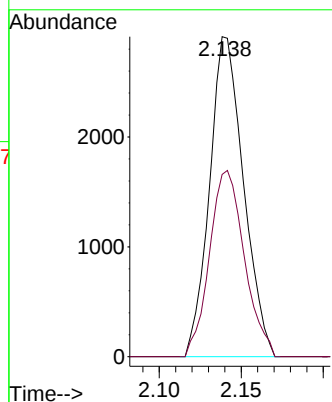
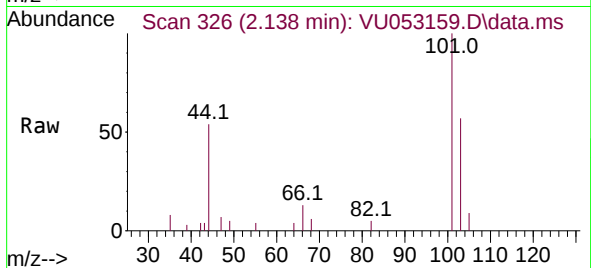




#7
 Trichlorofluoromethane
 Concen: 0.410 ug/l
 RT: 2.138 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU053159.D
 Acq: 27 Feb 2023 18:52

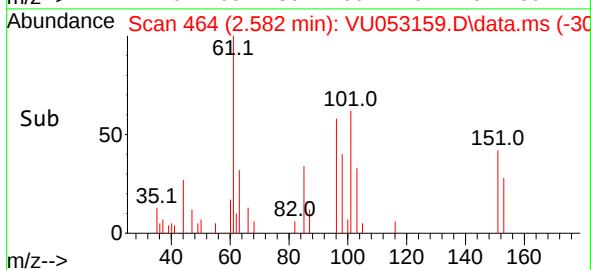
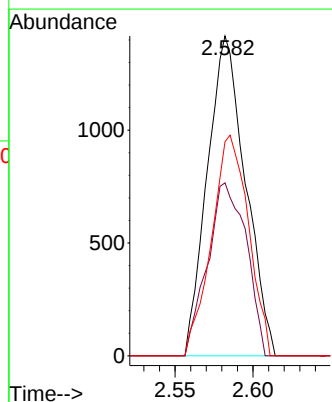
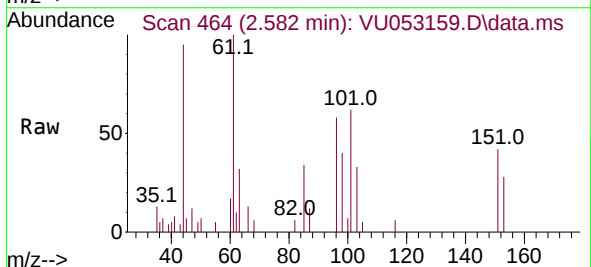
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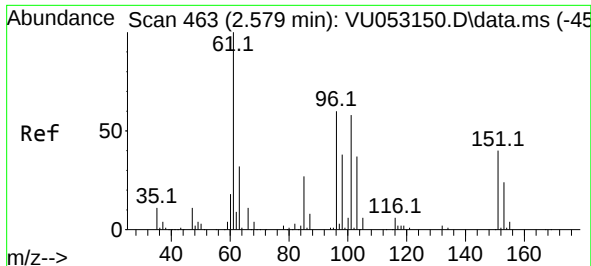
Tgt Ion:101 Resp: 4190
 Ion Ratio Lower Upper
 101 100
 103 57.0 51.2 76.8



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.376 ug/l
 RT: 2.582 min Scan# 464
 Delta R.T. 0.000 min
 Lab File: VU053159.D
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Tgt Ion:101 Resp: 2406
 Ion Ratio Lower Upper
 101 100
 85 55.1 37.3 55.9
 151 67.0 52.4 78.6

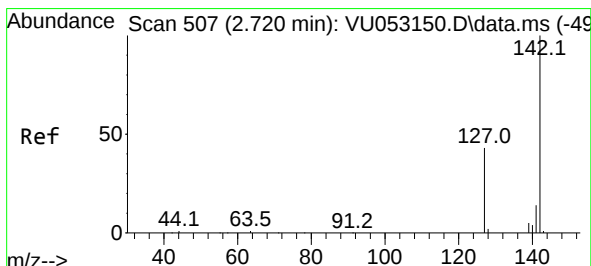
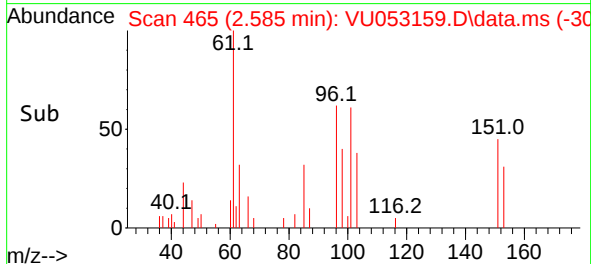
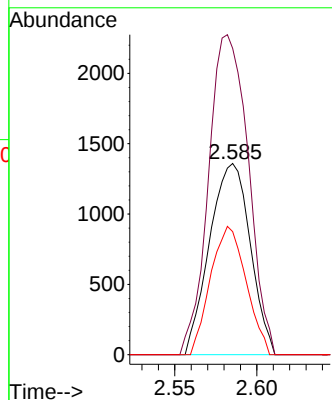
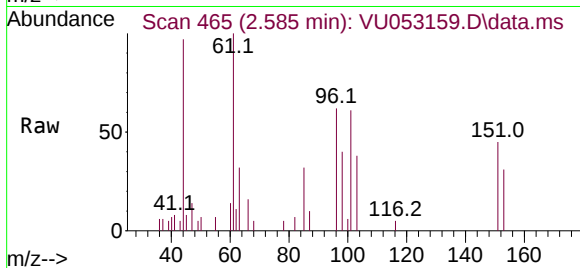




#9
1,1-Dichloroethene
Concen: 0.422 ug/l
RT: 2.585 min Scan# 465
Delta R.T. 0.006 min
Lab File: VU053159.D
Acq: 27 Feb 2023 18:52

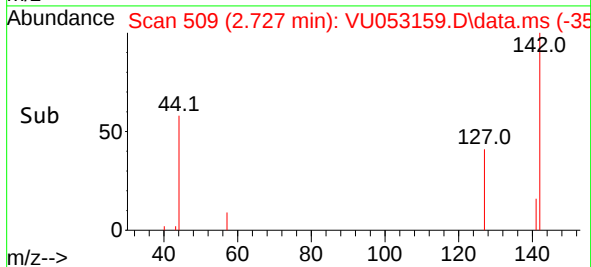
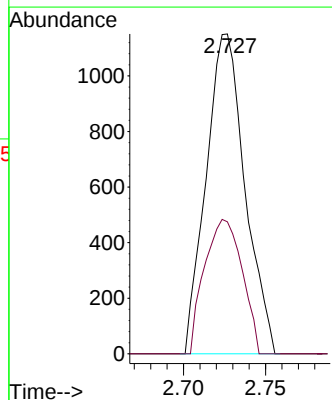
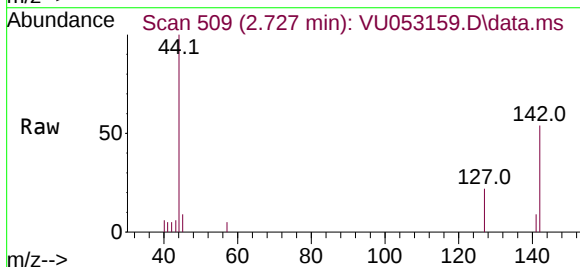
Instrument :
MSVOA_U
ClientSampleId :
RL CHECK

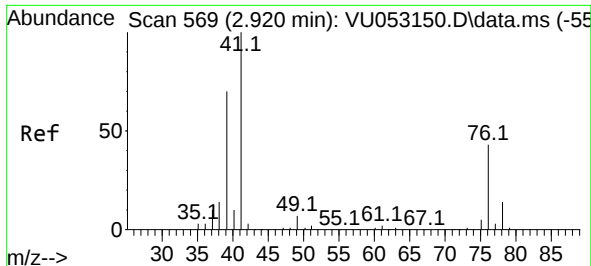
Tgt Ion: 96 Resp: 2342
Ion Ratio Lower Upper
96 100
61 160.2 0.0 502.5
98 64.4 0.0 126.2



#10
Iodomethane
Concen: 0.331 ug/l
RT: 2.727 min Scan# 509
Delta R.T. 0.006 min
Lab File: VU053159.D
Acq: 27 Feb 2023 18:52

Tgt Ion: 142 Resp: 1890
Ion Ratio Lower Upper
142 100
127 40.7 35.8 53.8

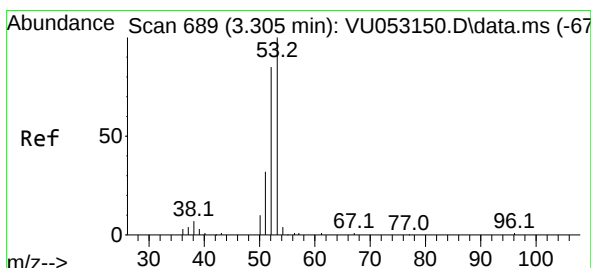
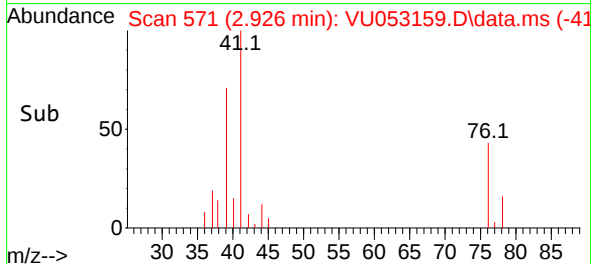
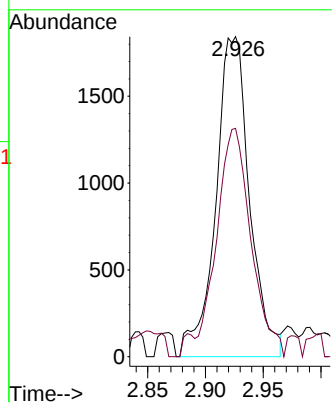
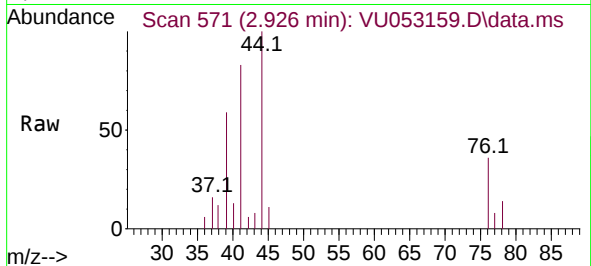




#11
 Allyl Chloride
 Concen: 0.433 ug/l
 RT: 2.926 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VU053159.D
 Acq: 27 Feb 2023 18:52

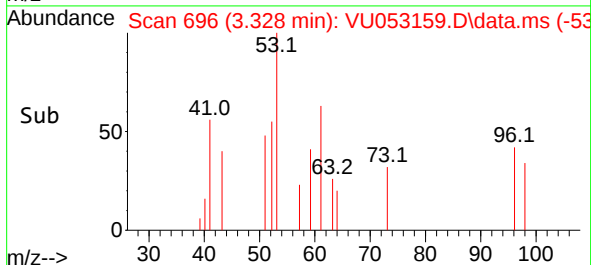
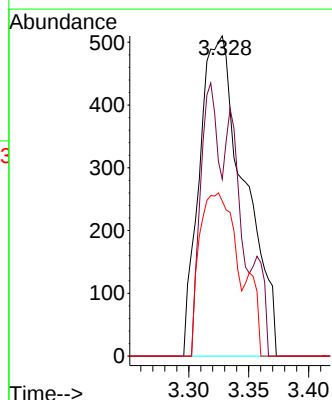
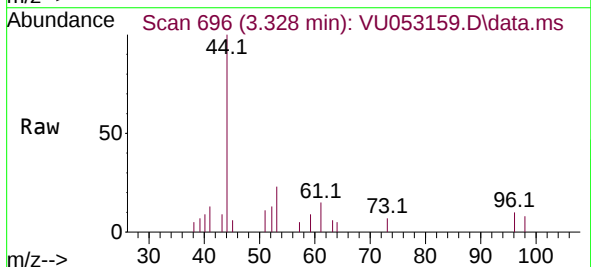
Instrument :
 MSVOA_U
 ClientSampleId :
 RL CHECK

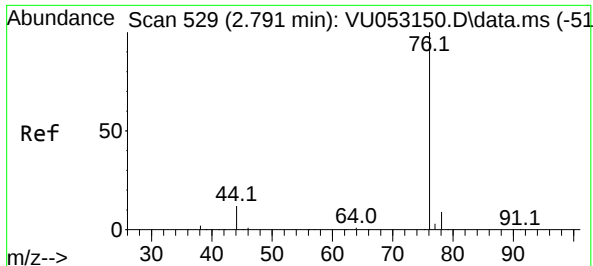
Tgt Ion: 41 Resp: 3753
 Ion Ratio Lower Upper
 41 100
 39 72.0 55.3 82.9



#12
 Acrylonitrile
 Concen: 0.936 ug/l
 RT: 3.328 min Scan# 696
 Delta R.T. 0.023 min
 Lab File: VU053159.D
 Acq: 27 Feb 2023 18:52

Tgt Ion: 53 Resp: 1331
 Ion Ratio Lower Upper
 53 100
 52 36.8 65.9 98.9#
 51 39.3 31.8 47.8

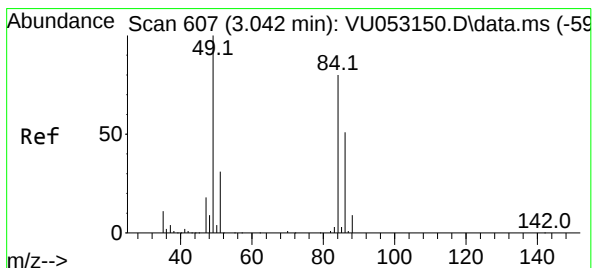
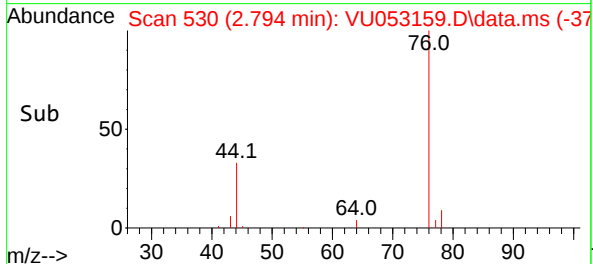
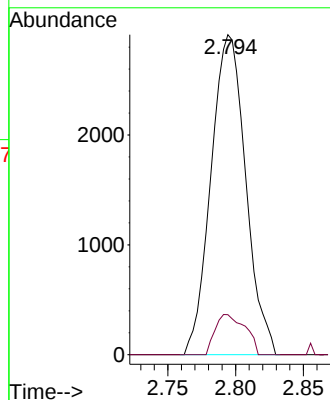
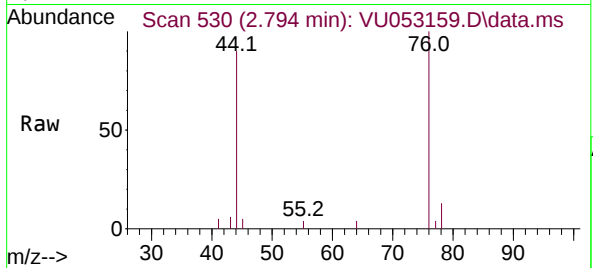




#14
Carbon Disulfide
Concen: 0.408 ug/l
RT: 2.794 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU053159.D
Acq: 27 Feb 2023 18:52

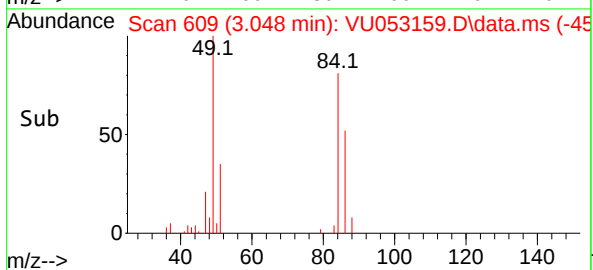
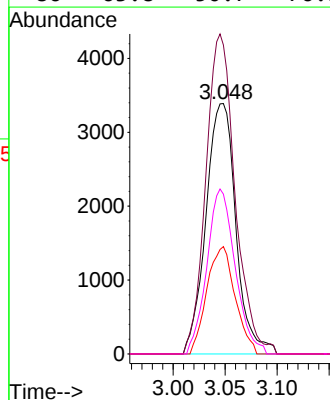
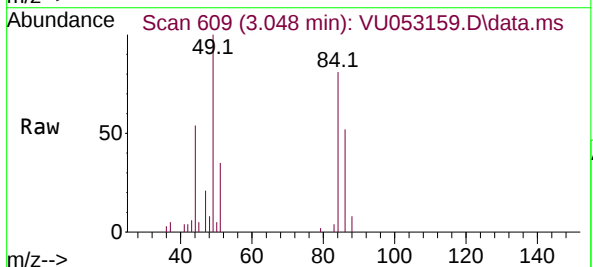
Instrument :
MSVOA_U
ClientSampleId :
RL CHECK

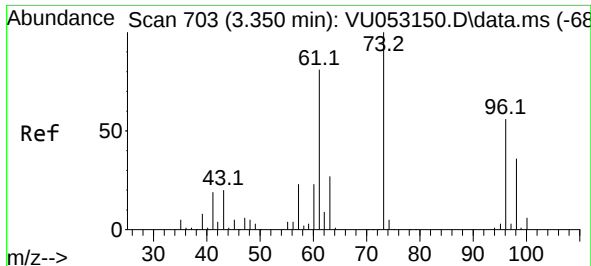
Tgt Ion: 76 Resp: 5193
Ion Ratio Lower Upper
76 100
78 12.5 7.2 10.8#



#15
Methylene Chloride
Concen: 0.858 ug/l
RT: 3.048 min Scan# 609
Delta R.T. 0.006 min
Lab File: VU053159.D
Acq: 27 Feb 2023 18:52

Tgt Ion: 84 Resp: 6806
Ion Ratio Lower Upper
84 100
49 123.4 99.5 149.3
51 42.9 0.0 76.8
86 63.8 50.7 76.1

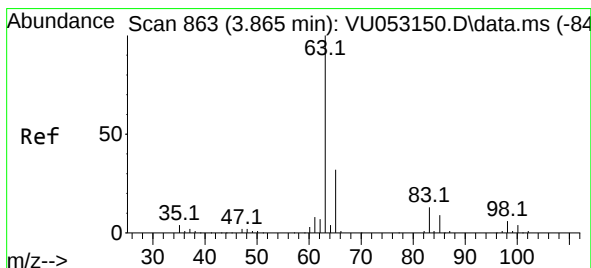
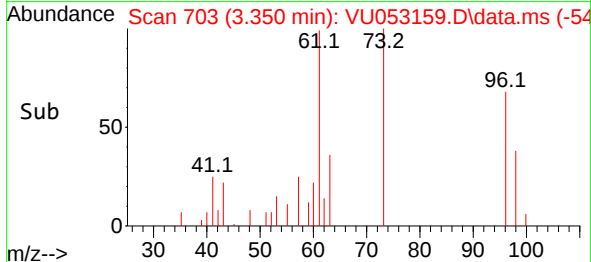
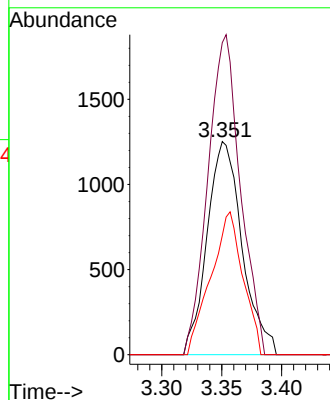
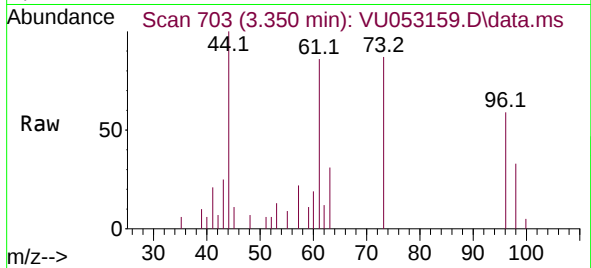




#16
trans-1,2-Dichloroethene
Concen: 0.418 ug/l
RT: 3.350 min Scan# 703
Delta R.T. 0.000 min
Lab File: VU053159.D
Acq: 27 Feb 2023 18:52

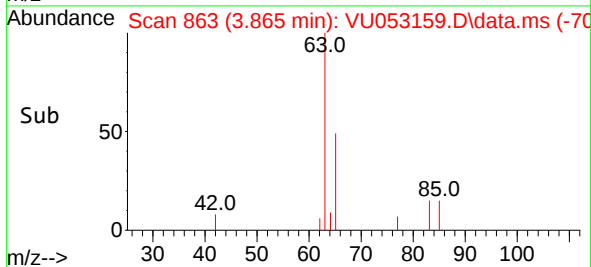
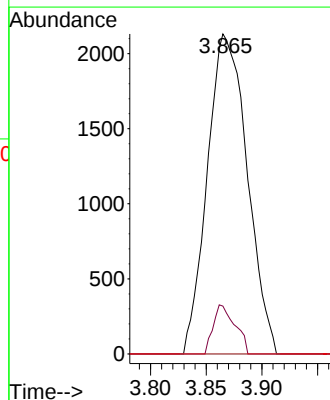
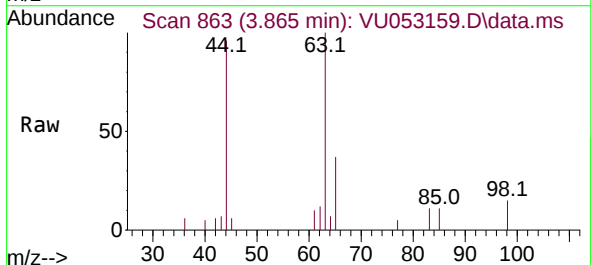
Instrument :
MSVOA_U
ClientSampleId :
RL CHECK

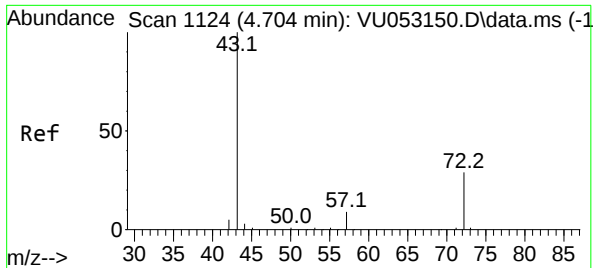
Tgt Ion: 96 Resp: 2548
Ion Ratio Lower Upper
96 100
61 146.4 116.1 174.1
98 55.9 51.4 77.2



#17
1,1-Dichloroethane
Concen: 0.397 ug/l
RT: 3.865 min Scan# 863
Delta R.T. 0.000 min
Lab File: VU053159.D
Acq: 27 Feb 2023 18:52

Tgt Ion: 63 Resp: 5305
Ion Ratio Lower Upper
63 100
98 15.0 3.1 9.4#
100 0.0 2.1 6.2#

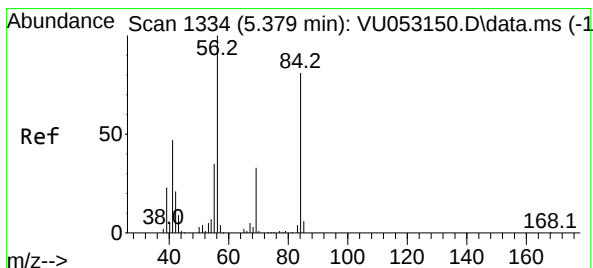
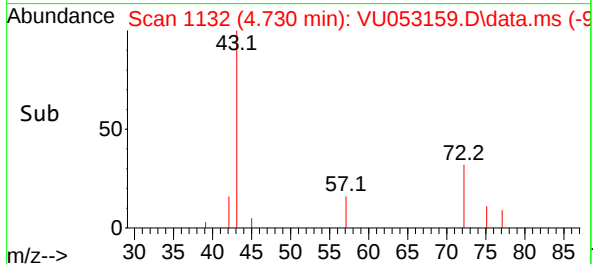
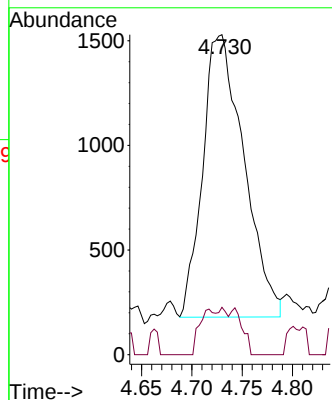
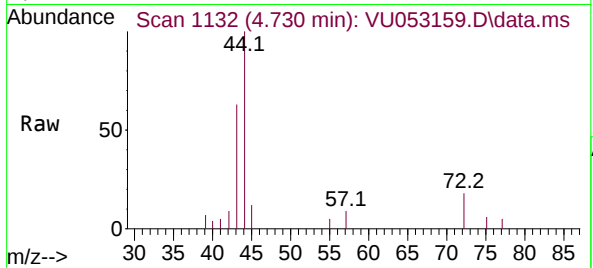




#18
2-Butanone
Concen: 1.575 ug/l
RT: 4.730 min Scan# 1124
Delta R.T. 0.026 min
Lab File: VU053159.D
Acq: 27 Feb 2023 18:52

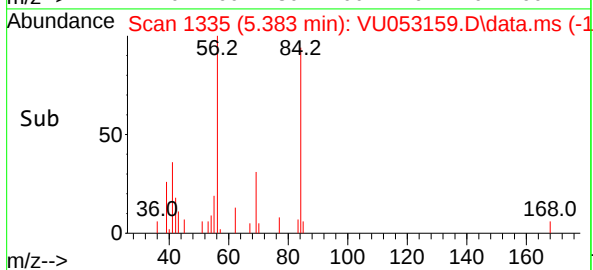
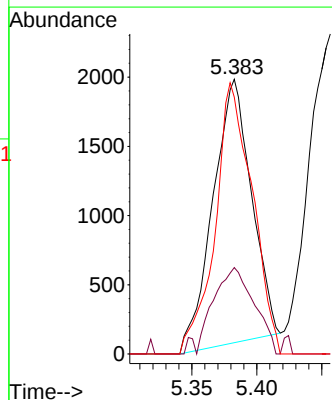
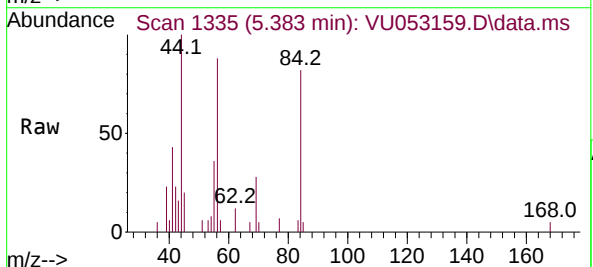
Instrument :
MSVOA_U
ClientSampleId :
RL CHECK

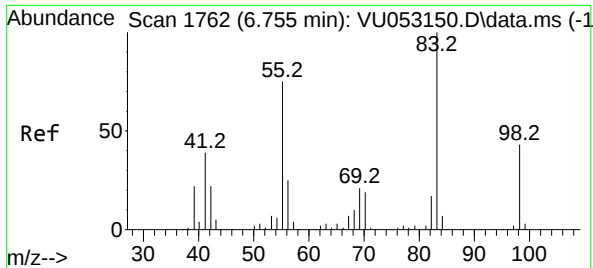
Tgt Ion: 43 Resp: 3842
Ion Ratio Lower Upper
43 100
57 16.8 0.0 17.6



#19
Cyclohexane
Concen: 0.369 ug/l
RT: 5.383 min Scan# 1335
Delta R.T. 0.003 min
Lab File: VU053159.D
Acq: 27 Feb 2023 18:52

Tgt Ion: 56 Resp: 3935
Ion Ratio Lower Upper
56 100
69 34.5 26.1 39.1
84 98.8 64.7 97.1#

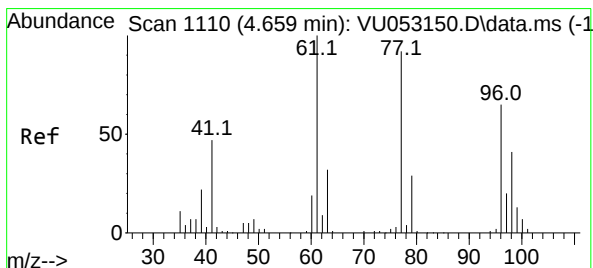
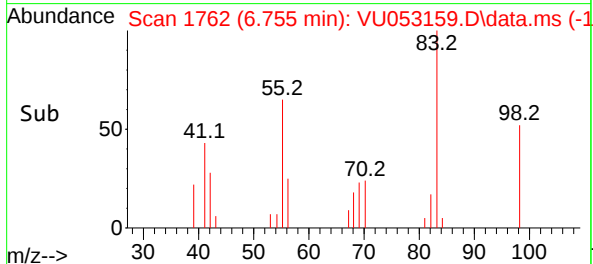
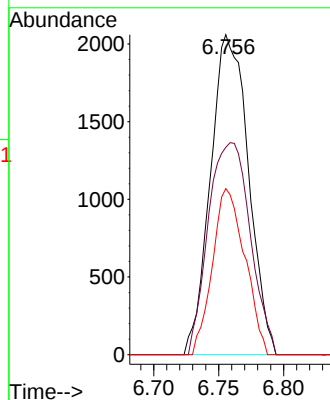
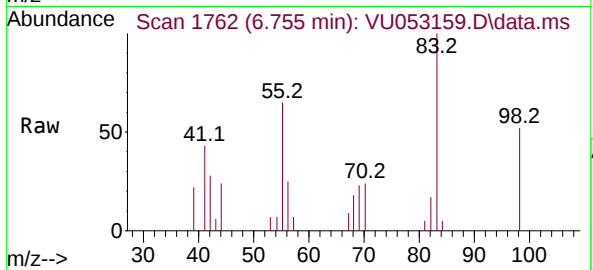




#20
Methylcyclohexane
Concen: 0.409 ug/l
RT: 6.755 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VU053159.D
Acq: 27 Feb 2023 18:52

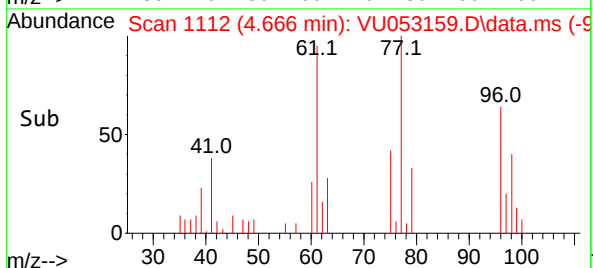
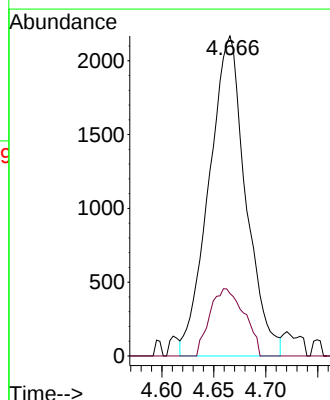
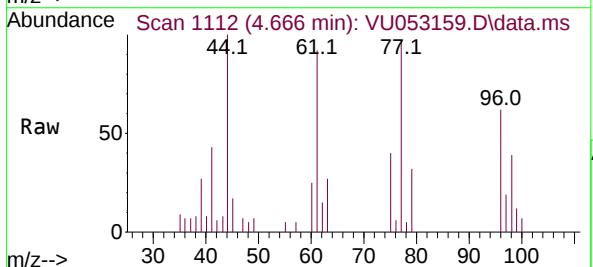
Instrument :
MSVOA_U
ClientSampleId :
RL CHECK

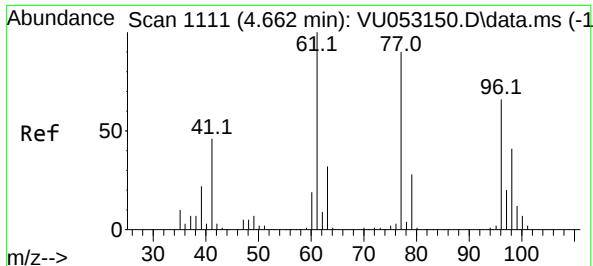
Tgt Ion:	83	Resp:	4183
Ion	Ratio	Lower	Upper
83	100		
55	73.2	60.2	90.2
98	44.4	33.9	50.9



#21
2,2-Dichloropropane
Concen: 0.457 ug/l
RT: 4.666 min Scan# 1112
Delta R.T. 0.006 min
Lab File: VU053159.D
Acq: 27 Feb 2023 18:52

Tgt Ion:	77	Resp:	5342
Ion	Ratio	Lower	Upper
77	100		
97	19.5	17.9	26.9





#22

cis-1,2-Dichloroethene

Concen: 0.439 ug/l

RT: 4.666 min Scan# 1111

Delta R.T. 0.003 min

Lab File: VU053159.D

Acq: 27 Feb 2023 18:52

Instrument :

MSVOA_U

ClientSampleId :

RL CHECK

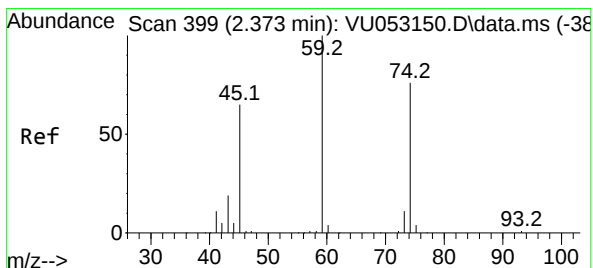
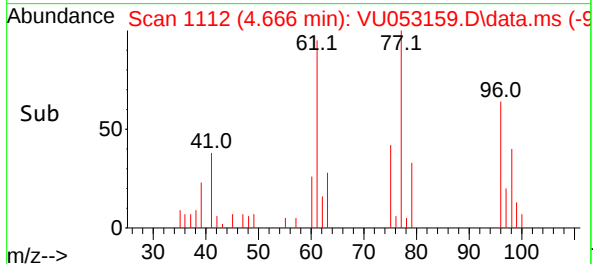
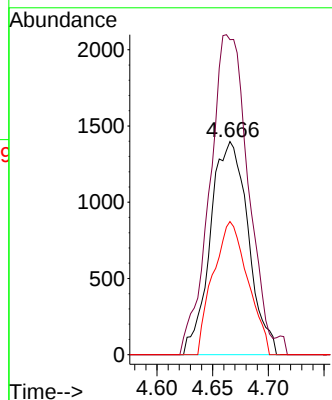
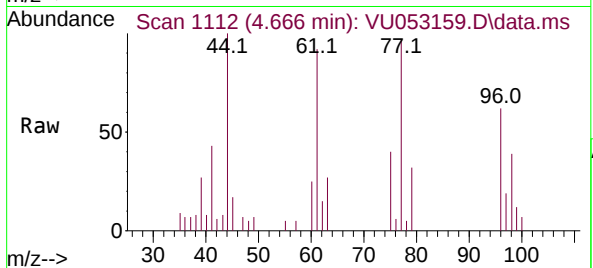
Tgt Ion: 96 Resp: 3305

Ion Ratio Lower Upper

96 100

61 154.0 0.0 390.5

98 57.2 31.9 95.9



#23

Diethyl Ether

Concen: 0.444 ug/l

RT: 2.376 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU053159.D

Acq: 27 Feb 2023 18:52

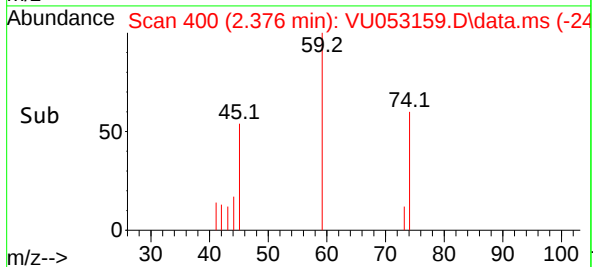
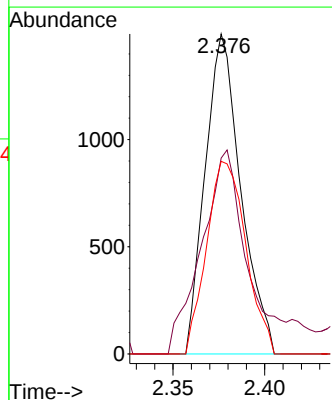
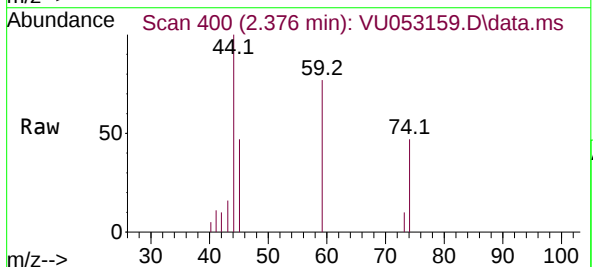
Tgt Ion: 59 Resp: 2017

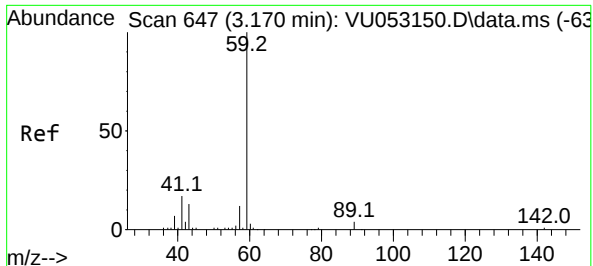
Ion Ratio Lower Upper

59 100

45 87.5 54.2 81.2#

74 66.4 60.4 90.6

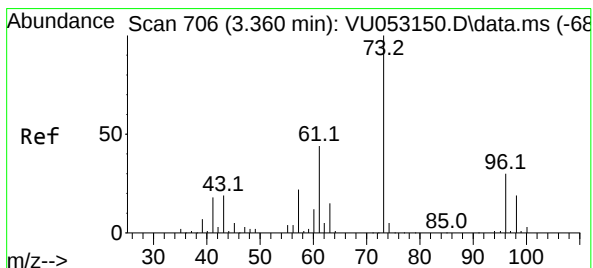
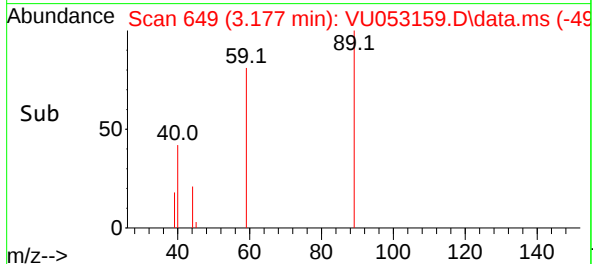
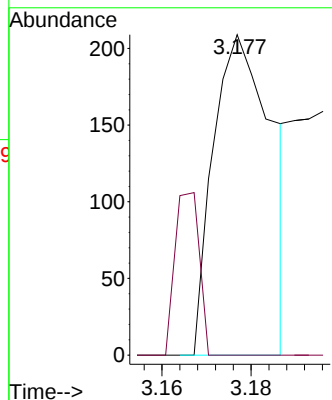
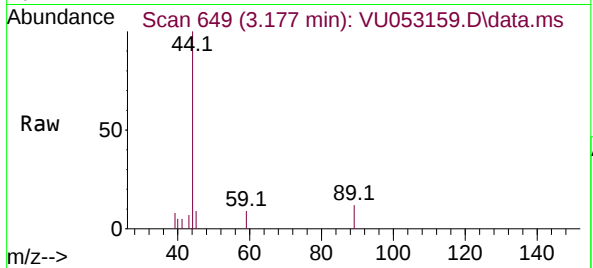




#24
tert-Butyl Alcohol
Concen: 0.358 ug/l
RT: 3.177 min Scan# 647
Delta R.T. 0.006 min
Lab File: VU053159.D
Acq: 27 Feb 2023 18:52

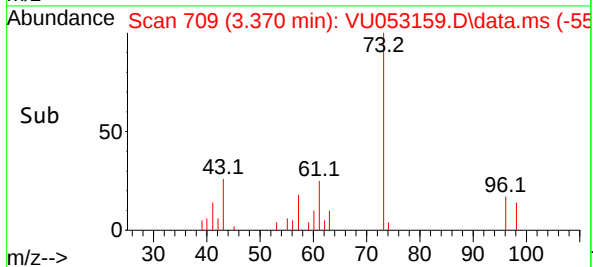
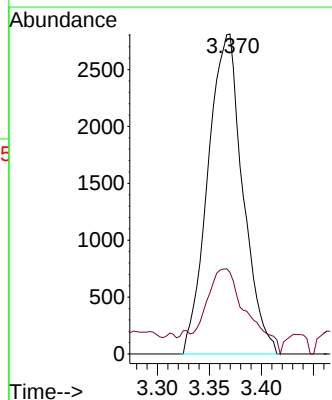
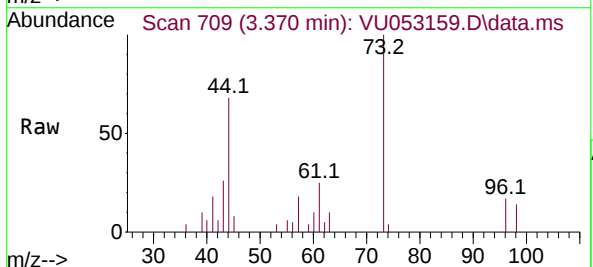
Instrument :
MSVOA_U
ClientSampleId :
RL CHECK

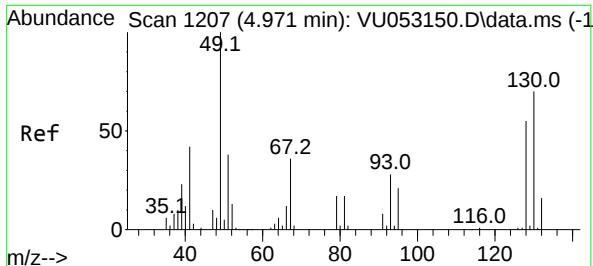
Tgt Ion: 59 Resp: 191
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#25
Methyl tert-Butyl Ether
Concen: 0.406 ug/l
RT: 3.370 min Scan# 709
Delta R.T. 0.010 min
Lab File: VU053159.D
Acq: 27 Feb 2023 18:52

Tgt Ion: 73 Resp: 6560
Ion Ratio Lower Upper
73 100
43 31.3 15.0 22.6#

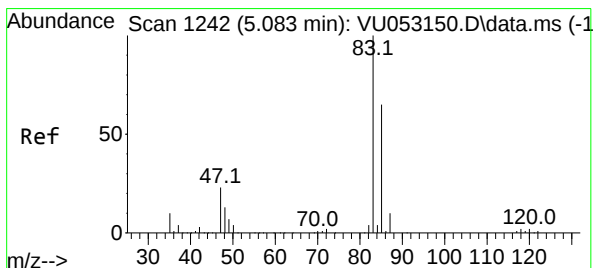
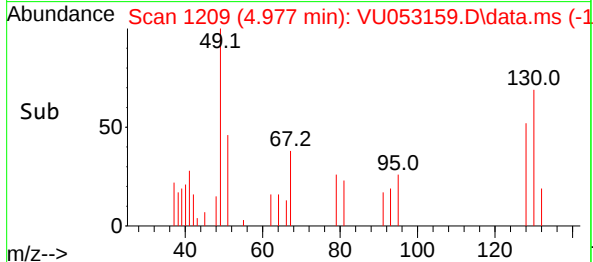
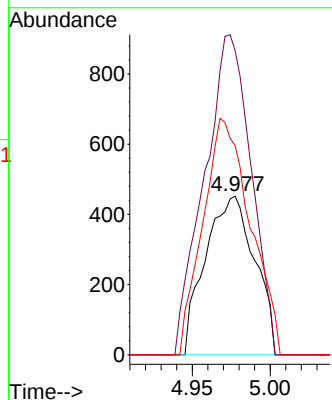
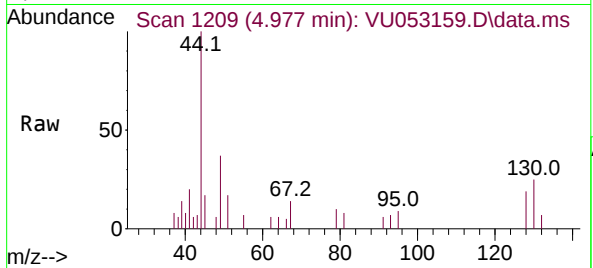




#26
Bromochloromethane
Concen: 0.342 ug/l
RT: 4.977 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU053159.D
Acq: 27 Feb 2023 18:52

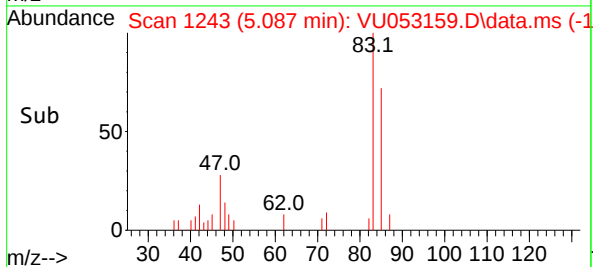
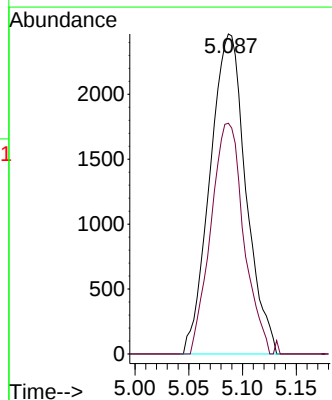
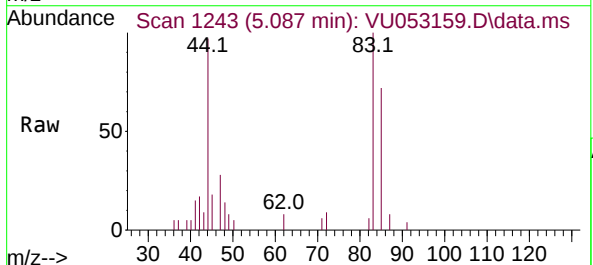
Instrument :
MSVOA_U
ClientSampleId :
RL CHECK

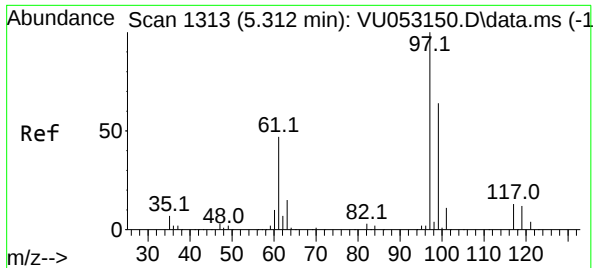
Tgt Ion:128 Resp: 997
Ion Ratio Lower Upper
128 100
49 190.9 0.0 376.8
130 143.2 104.8 157.2



#27
Chloroform
Concen: 0.416 ug/l
RT: 5.087 min Scan# 1243
Delta R.T. 0.003 min
Lab File: VU053159.D
Acq: 27 Feb 2023 18:52

Tgt Ion: 83 Resp: 5724
Ion Ratio Lower Upper
83 100
85 72.1 0.0 129.2

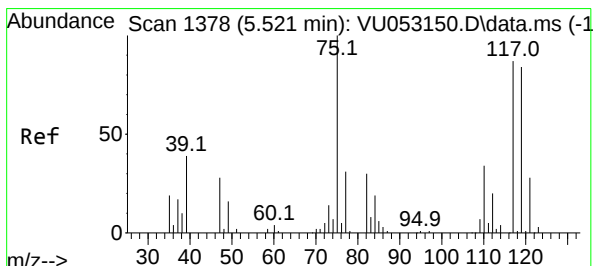
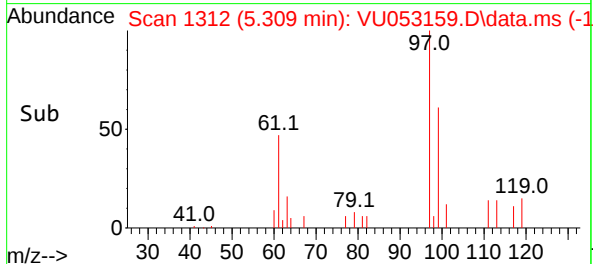
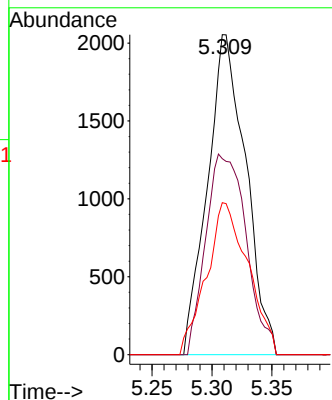
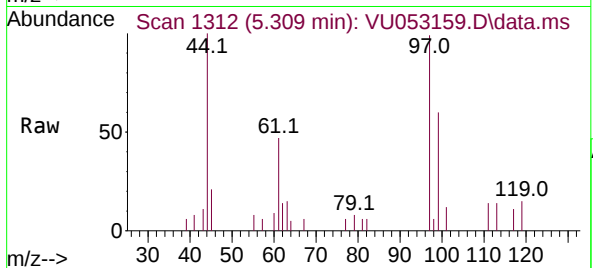




#28
1,1,1-Trichloroethane
Concen: 0.394 ug/l
RT: 5.309 min Scan# 1312
Delta R.T. -0.003 min
Lab File: VU053159.D
Acq: 27 Feb 2023 18:52

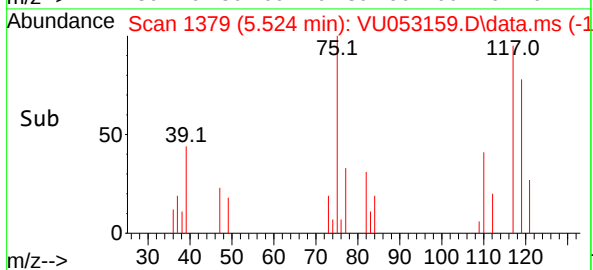
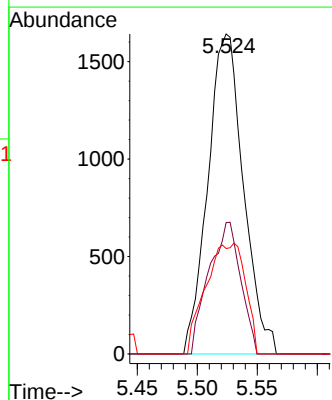
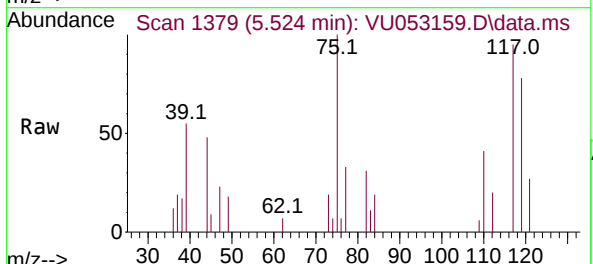
Instrument :
MSVOA_U
ClientSampleId :
RL CHECK

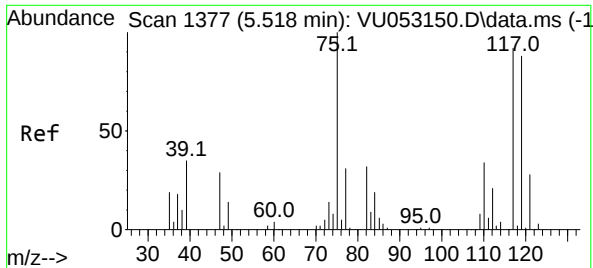
Tgt Ion: 97 Resp: 4558
Ion Ratio Lower Upper
97 100
99 66.3 31.6 94.8
61 51.4 23.9 71.7



#29
1,1-Dichloropropene
Concen: 0.390 ug/l
RT: 5.524 min Scan# 1379
Delta R.T. 0.003 min
Lab File: VU053159.D
Acq: 27 Feb 2023 18:52

Tgt Ion: 75 Resp: 3380
Ion Ratio Lower Upper
75 100
110 36.9 16.3 48.8
77 21.7 24.9 37.3#

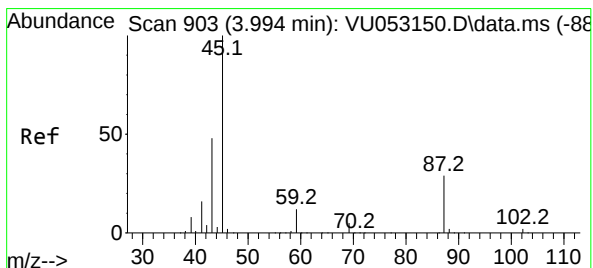
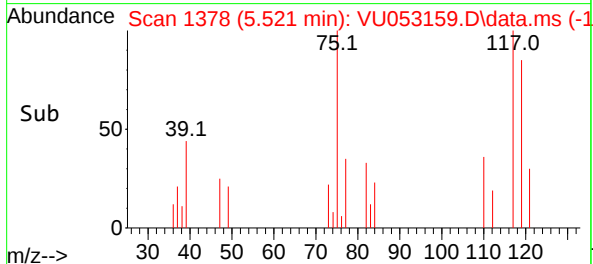
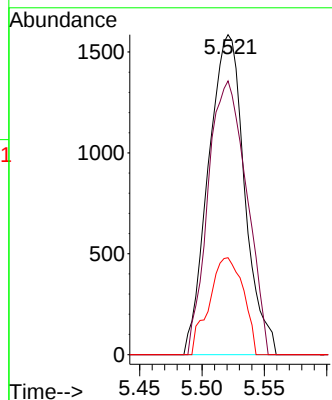
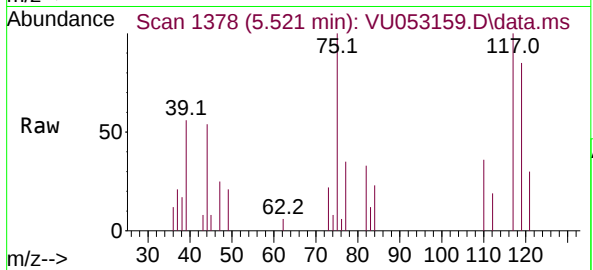




#30
Carbon Tetrachloride
Concen: 0.403 ug/l
RT: 5.521 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU053159.D
Acq: 27 Feb 2023 18:52

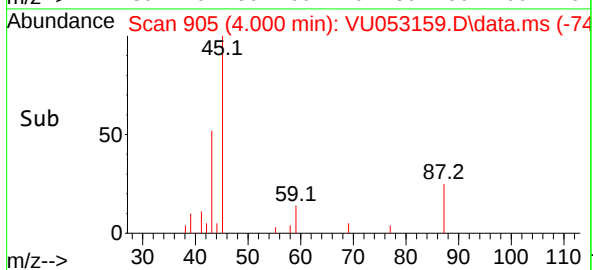
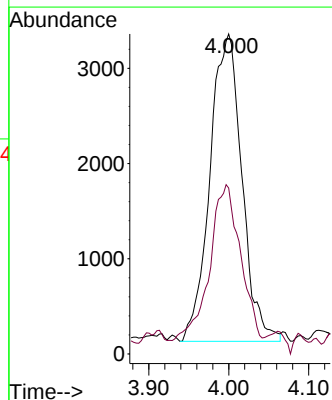
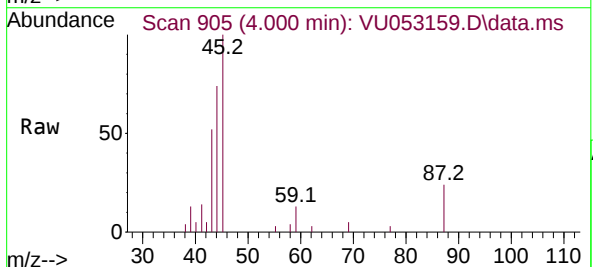
Instrument :
MSVOA_U
ClientSampleId :
RL CHECK

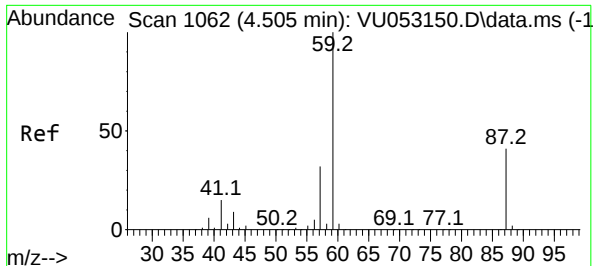
Tgt Ion:117 Resp: 3209
Ion Ratio Lower Upper
117 100
119 85.6 76.2 114.2
121 30.3 24.6 36.8



#31
Isopropyl Ether
Concen: 0.421 ug/l
RT: 4.000 min Scan# 905
Delta R.T. 0.006 min
Lab File: VU053159.D
Acq: 27 Feb 2023 18:52

Tgt Ion: 45 Resp: 8974
Ion Ratio Lower Upper
45 100
43 48.5 24.4 73.2





#32

Ethyl-t-butyl ether

Concen: 0.426 ug/l

RT: 4.505 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU053159.D

Acq: 27 Feb 2023 18:52

Instrument :

MSVOA_U

ClientSampleId :

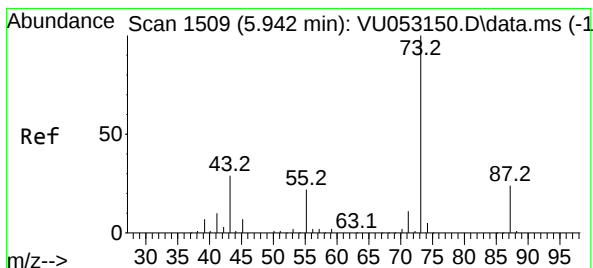
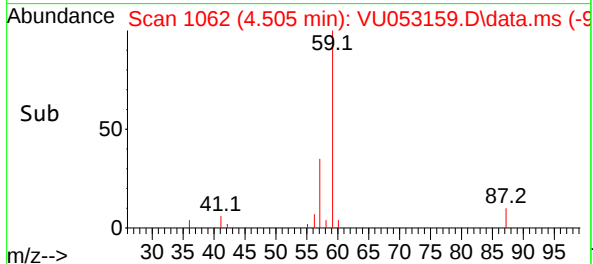
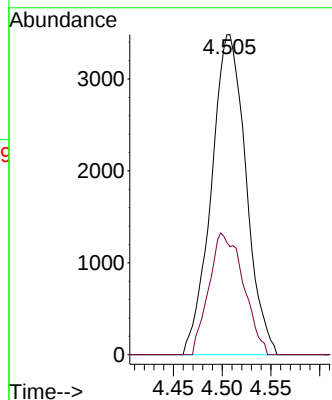
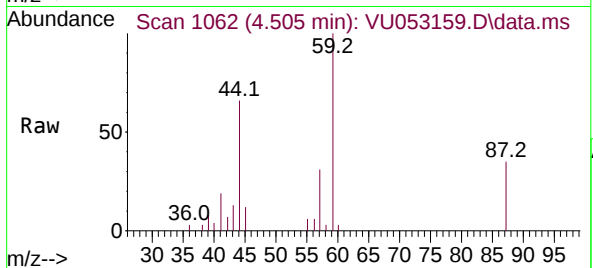
RL CHECK

Tgt Ion: 59 Resp: 8597

Ion Ratio Lower Upper

59 100

87 37.9 32.5 48.7



#33

Tert-Amyl methyl ether

Concen: 0.404 ug/l

RT: 5.945 min Scan# 1510

Delta R.T. 0.003 min

Lab File: VU053159.D

Acq: 27 Feb 2023 18:52

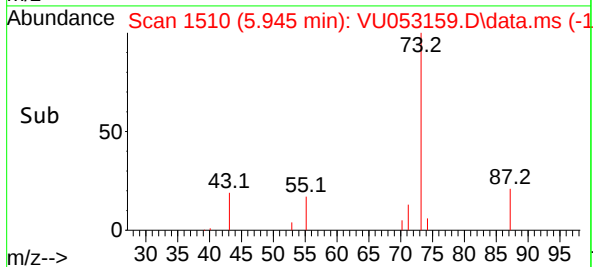
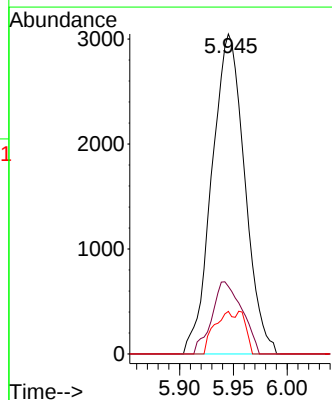
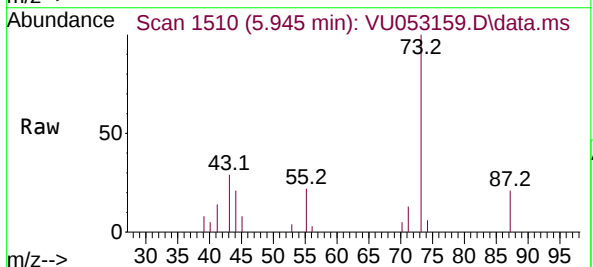
Tgt Ion: 73 Resp: 6465

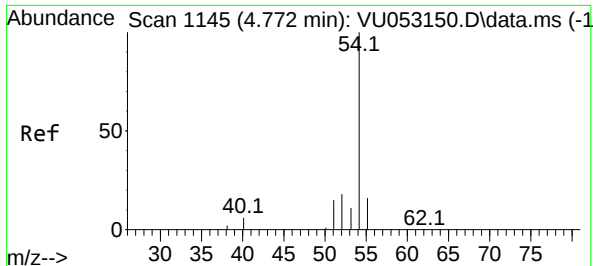
Ion Ratio Lower Upper

73 100

87 20.8 19.0 28.4

71 8.4 9.2 13.8#

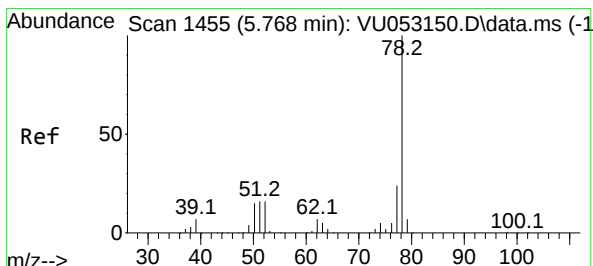
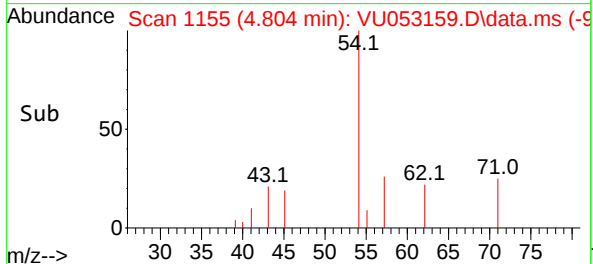
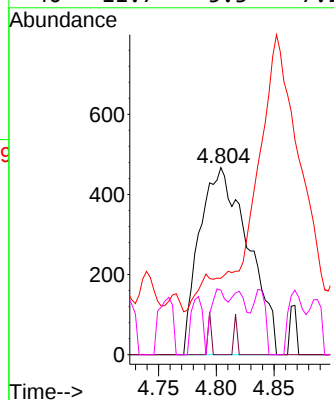
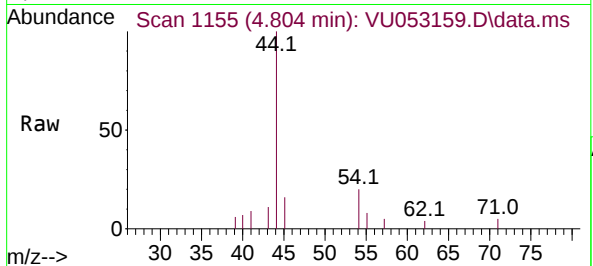




#34
 Propionitrile
 Concen: 2.419 ug/l
 RT: 4.804 min Scan# 1145
 Delta R.T. 0.032 min
 Lab File: VU053159.D
 Acq: 27 Feb 2023 18:52

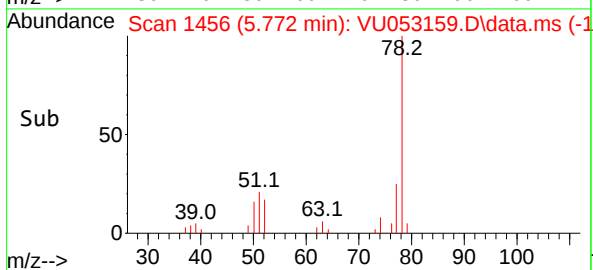
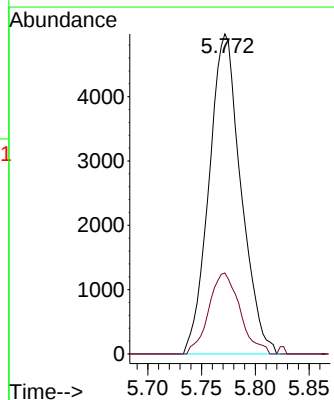
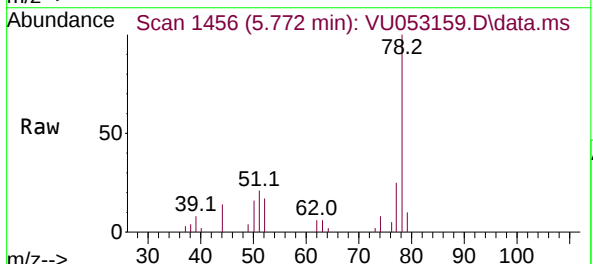
Instrument :
 MSVOA_U
 ClientSampleId :
 RL CHECK

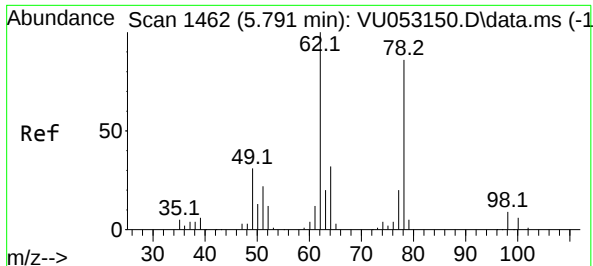
Tgt Ion: 54	Resp: 1373
Ion Ratio	Lower Upper
54	100
52	1.5 16.5 24.7#
55	6.0 11.4 17.2#
40	11.7 5.3 7.9#



#35
 Benzene
 Concen: 0.402 ug/l
 RT: 5.772 min Scan# 1456
 Delta R.T. 0.003 min
 Lab File: VU053159.D
 Acq: 27 Feb 2023 18:52

Tgt Ion: 78	Resp: 10265
Ion Ratio	Lower Upper
78	100
77	25.3 18.9 28.3





#36

1,2-Dichloroethane

Concen: 0.399 ug/l

RT: 5.797 min Scan# 1462

Delta R.T. 0.006 min

Lab File: VU053159.D

Acq: 27 Feb 2023 18:52

Instrument :

MSVOA_U

ClientSampleId :

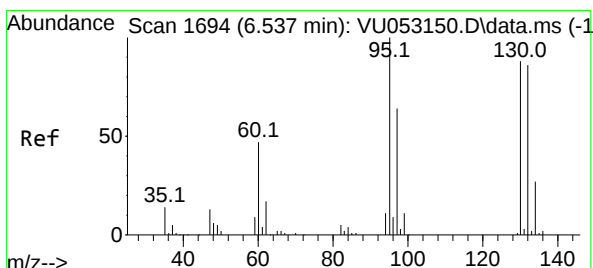
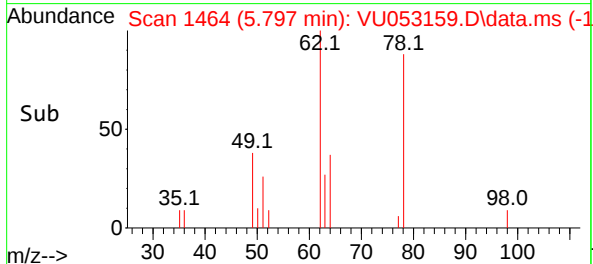
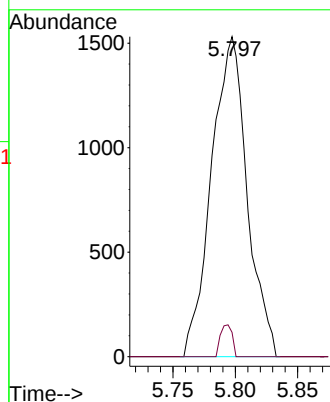
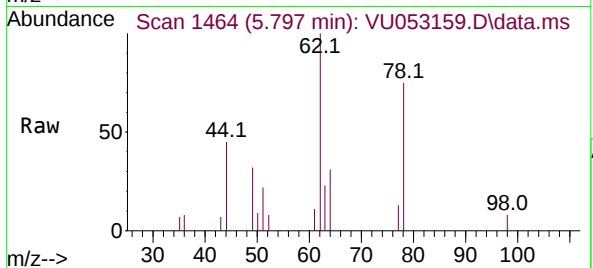
RL CHECK

Tgt Ion: 62 Resp: 3047

Ion Ratio Lower Upper

62 100

98 3.3 7.0 10.4#



#37

Trichloroethene

Concen: 0.459 ug/l

RT: 6.540 min Scan# 1695

Delta R.T. 0.003 min

Lab File: VU053159.D

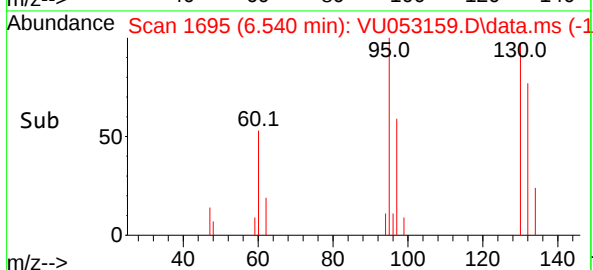
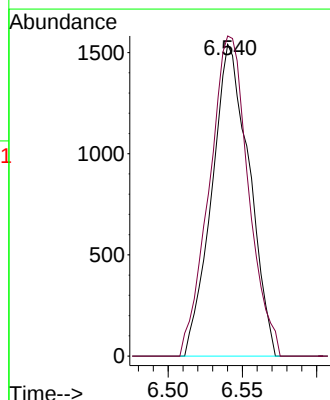
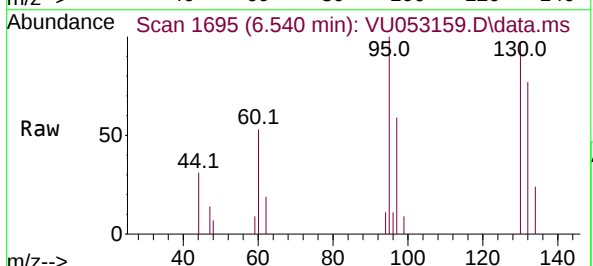
Acq: 27 Feb 2023 18:52

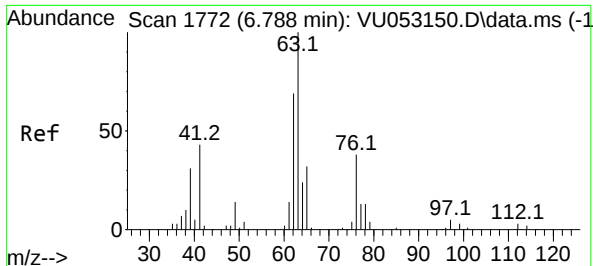
Tgt Ion:130 Resp: 2693

Ion Ratio Lower Upper

130 100

95 102.7 91.1 136.7





#38

1,2-Dichloropropane

Concen: 0.409 ug/l

RT: 6.788 min Scan# 1170

Delta R.T. 0.000 min

Lab File: VU053159.D

Acq: 27 Feb 2023 18:52

Instrument :

MSVOA_U

ClientSampleId :

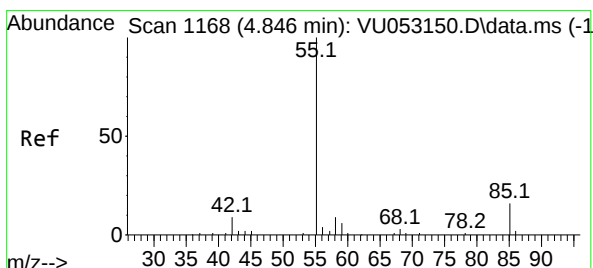
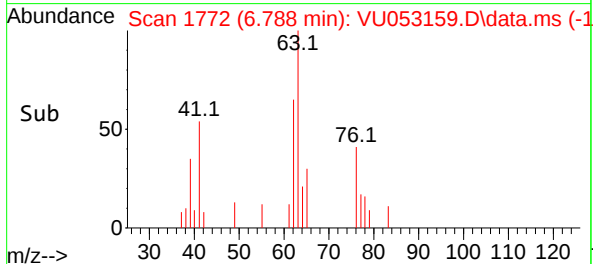
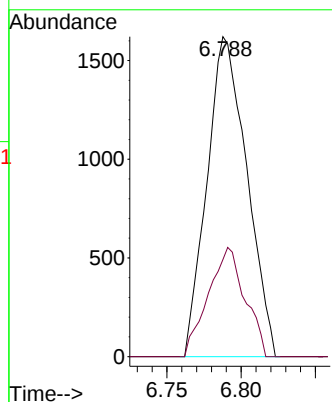
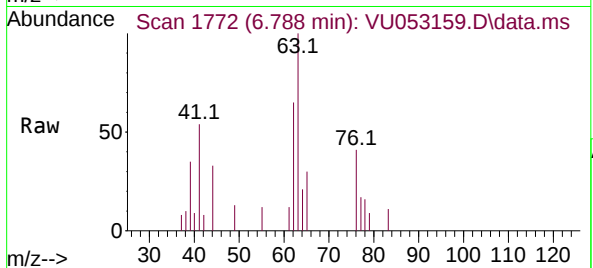
RL CHECK

Tgt Ion: 63 Resp: 3022

Ion Ratio Lower Upper

63 100

65 30.4 25.5 38.3



#40

Methyl acrylate

Concen: 0.378 ug/l

RT: 4.852 min Scan# 1170

Delta R.T. 0.006 min

Lab File: VU053159.D

Acq: 27 Feb 2023 18:52

Tgt Ion: 55 Resp: 1416

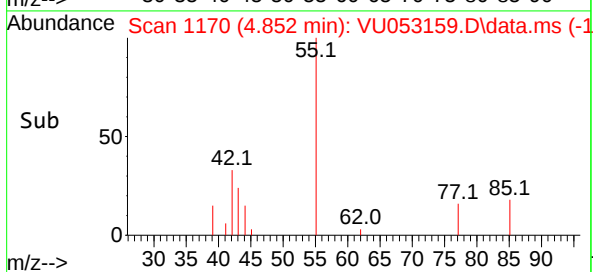
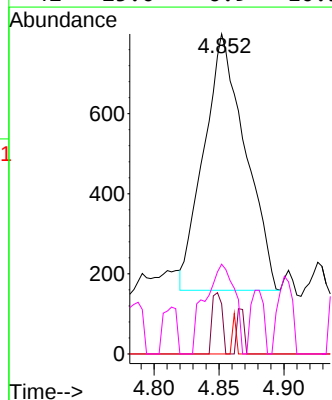
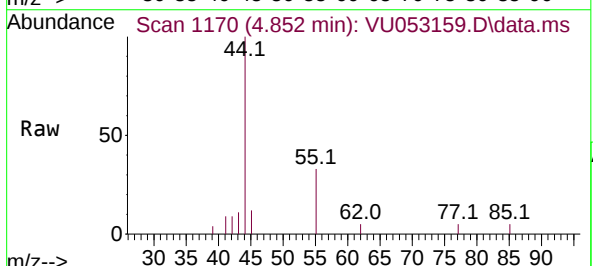
Ion Ratio Lower Upper

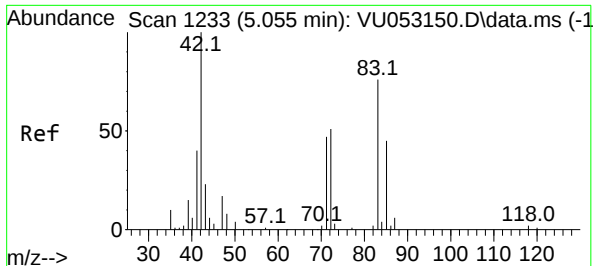
55 100

85 0.0 13.5 20.3#

58 1.3 7.3 10.9#

42 25.0 6.9 10.3#





#41

Tetrahydrofuran

Concen: 0.294 ug/l

RT: 5.055 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU053159.D

Acq: 27 Feb 2023 18:52

Instrument :

MSVOA_U

ClientSampleId :

RL CHECK

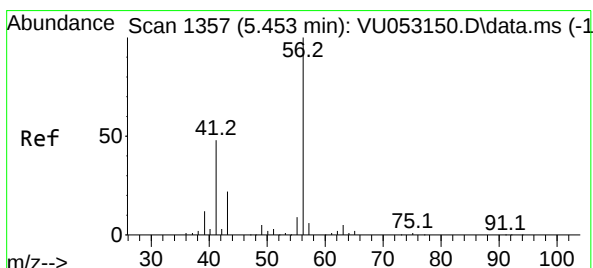
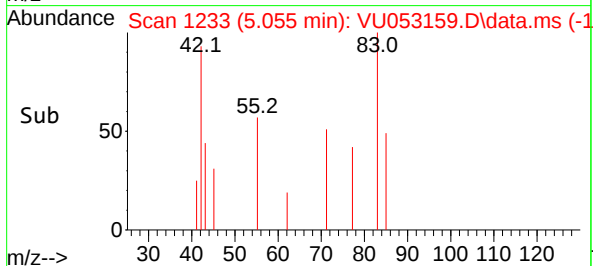
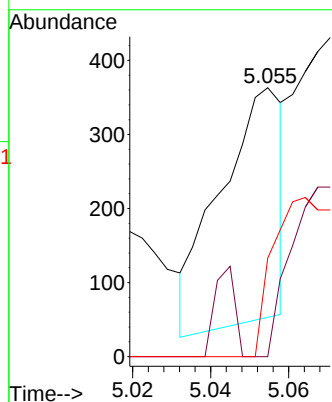
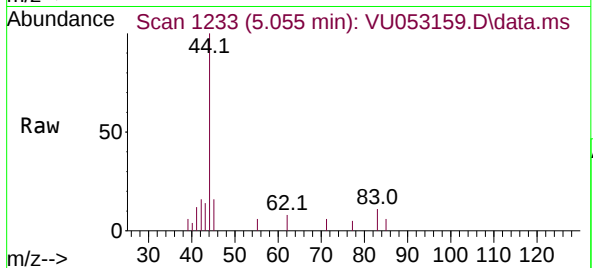
Tgt Ion: 42 Resp: 349

Ion Ratio Lower Upper

42 100

72 12.3 41.6 62.4#

71 51.3 37.9 56.9



#42

1-Chlorobutane

Concen: 0.414 ug/l

RT: 5.457 min Scan# 1358

Delta R.T. 0.003 min

Lab File: VU053159.D

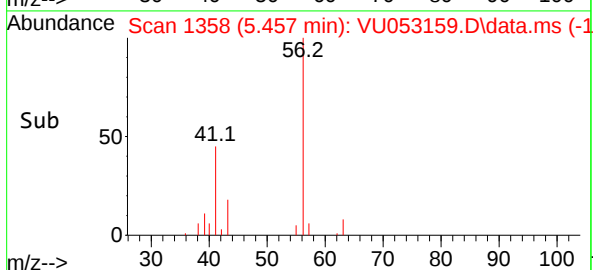
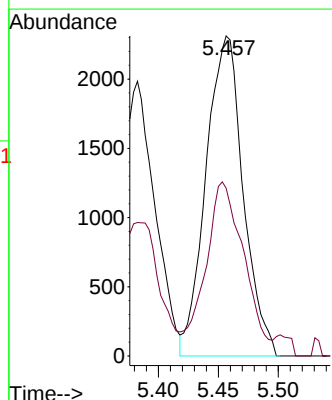
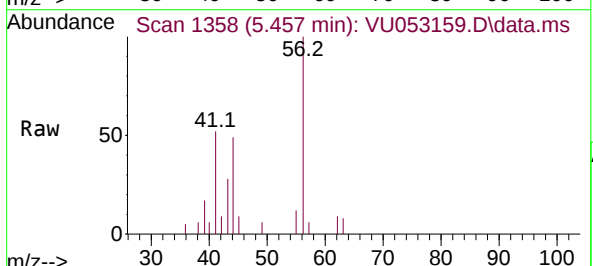
Acq: 27 Feb 2023 18:52

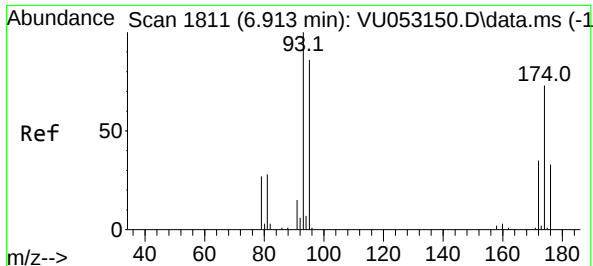
Tgt Ion: 56 Resp: 4986

Ion Ratio Lower Upper

56 100

41 51.6 23.7 71.1





#43

Dibromomethane

Concen: 0.386 ug/l

RT: 6.923 min Scan# 1811

Delta R.T. 0.010 min

Lab File: VU053159.D

Acq: 27 Feb 2023 18:52

Instrument :

MSVOA_U

ClientSampleId :

RL CHECK

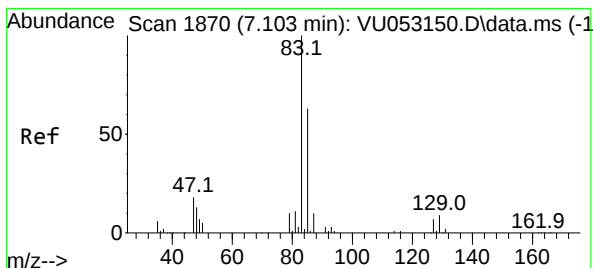
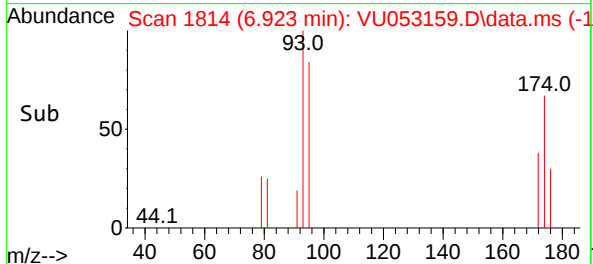
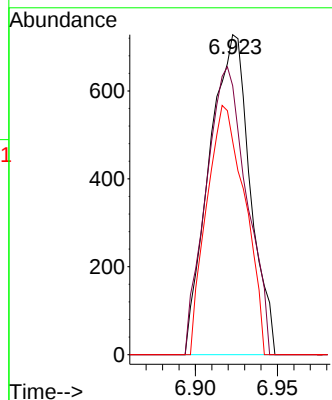
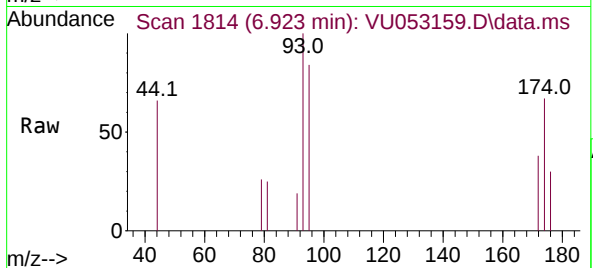
Tgt Ion: 93 Resp: 1263

Ion Ratio Lower Upper

93 100

95 89.2 66.5 99.7

174 72.6 58.2 87.4



#44

Bromodichloromethane

Concen: 0.416 ug/l

RT: 7.106 min Scan# 1871

Delta R.T. 0.003 min

Lab File: VU053159.D

Acq: 27 Feb 2023 18:52

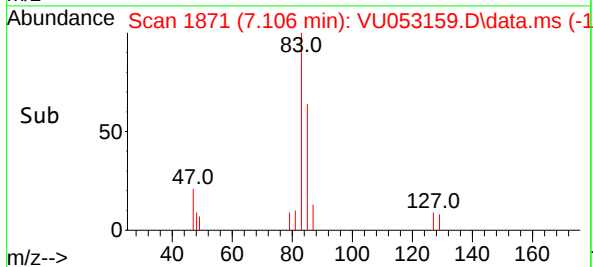
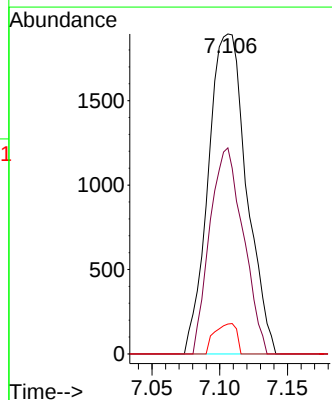
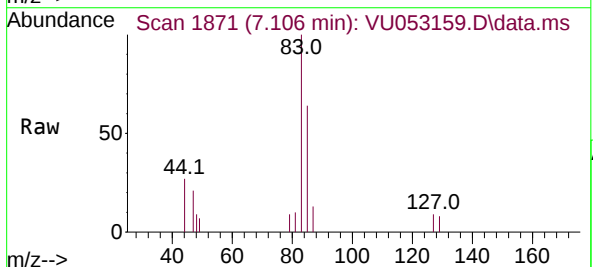
Tgt Ion: 83 Resp: 3725

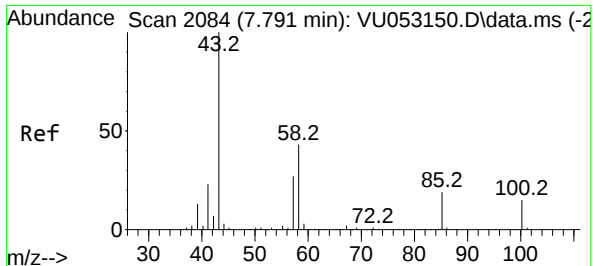
Ion Ratio Lower Upper

83 100

85 64.4 50.6 75.8

127 9.3 5.8 8.8#





#45

4-Methyl-2-Pentanone

Concen: 2.250 ug/l

RT: 7.800 min Scan# 2084

Delta R.T. 0.010 min

Lab File: VU053159.D

Acq: 27 Feb 2023 18:52

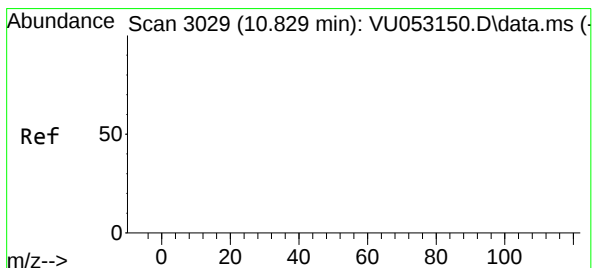
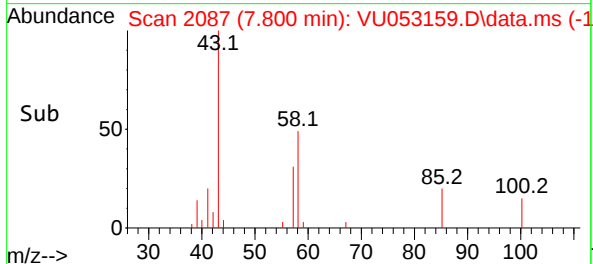
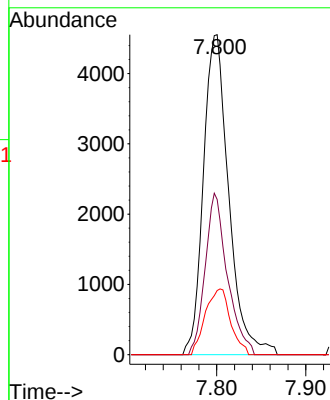
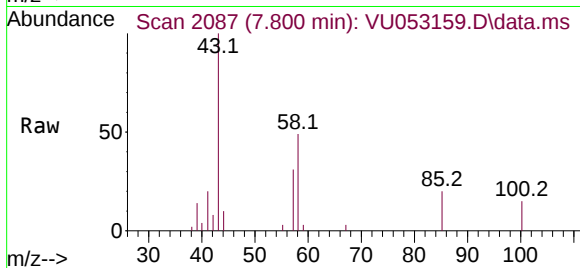
Instrument :

MSVOA_U

ClientSampleId :

RL CHECK

Tgt Ion:	43	Resp:	8998
Ion	Ratio	Lower	Upper
43	100		
58	44.1	22.0	66.0
85	20.4	15.7	23.5



#46

t-1,4-Dichloro-2-butene

Concen: 1.694 ug/l

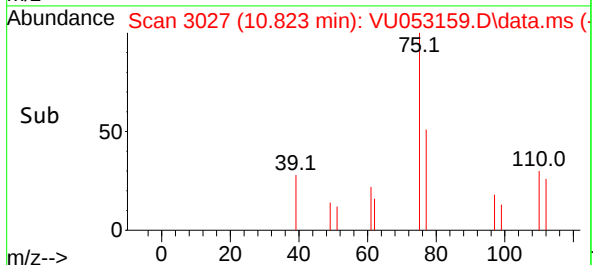
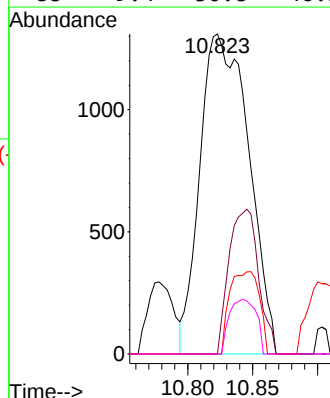
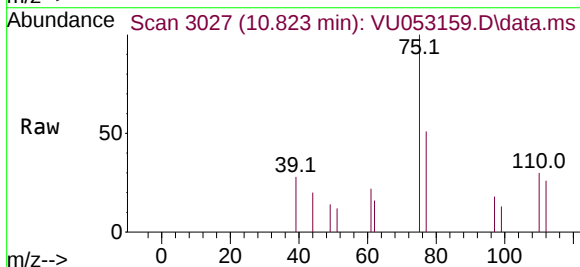
RT: 10.823 min Scan# 3027

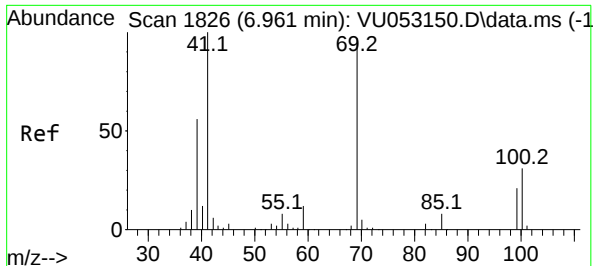
Delta R.T. -0.006 min

Lab File: VU053159.D

Acq: 27 Feb 2023 18:52

Tgt Ion:	75	Resp:	3413
Ion	Ratio	Lower	Upper
75	100		
53	27.4	57.0	85.4#
89	15.6	43.1	64.7#
88	9.4	30.8	46.2#





#47

Methyl methacrylate

Concen: 0.935 ug/l

RT: 6.971 min Scan# 1829

Delta R.T. 0.010 min

Lab File: VU053159.D

Acq: 27 Feb 2023 18:52

Instrument :

MSVOA_U

ClientSampleId :

RL CHECK

Tgt Ion: 69 Resp: 3152

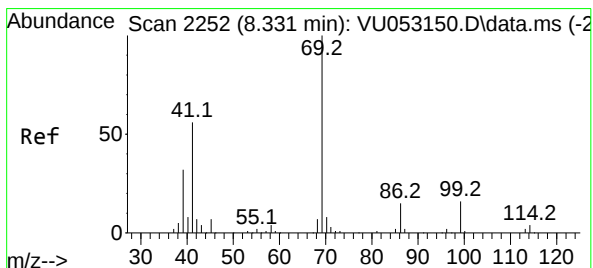
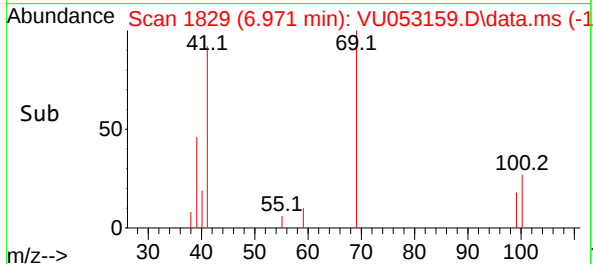
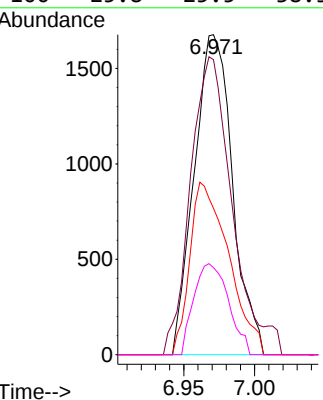
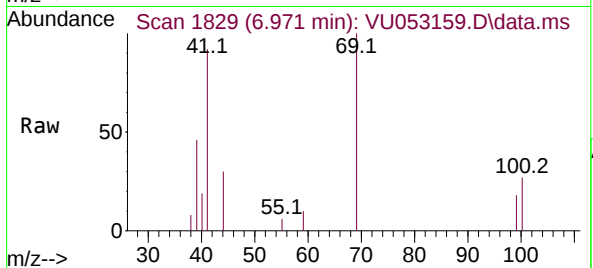
Ion Ratio Lower Upper

69 100

41 101.2 0.0 201.0

39 54.6 47.1 70.7

100 25.8 25.5 38.3



#48

Ethyl methacrylate

Concen: 0.429 ug/l

RT: 8.337 min Scan# 2254

Delta R.T. 0.006 min

Lab File: VU053159.D

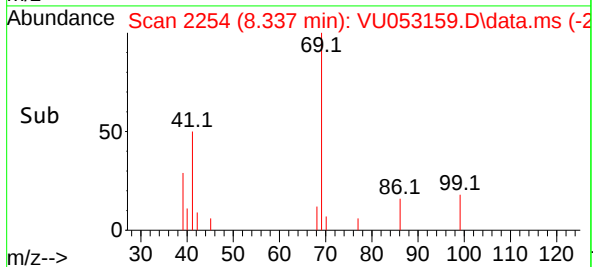
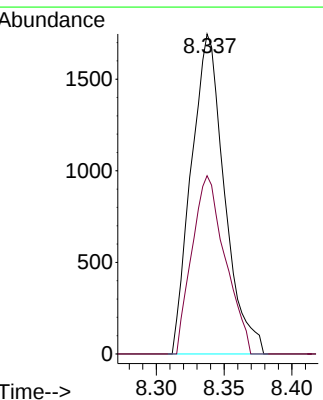
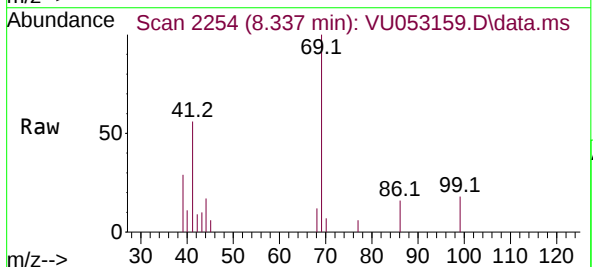
Acq: 27 Feb 2023 18:52

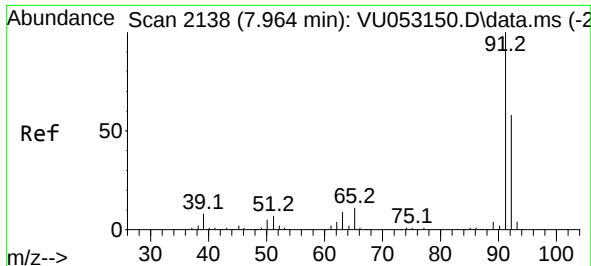
Tgt Ion: 69 Resp: 2970

Ion Ratio Lower Upper

69 100

41 55.7 28.2 84.6





#49

Toluene

Concen: 0.414 ug/l

RT: 7.968 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VU053159.D

Acq: 27 Feb 2023 18:52

Instrument :

MSVOA_U

ClientSampleId :

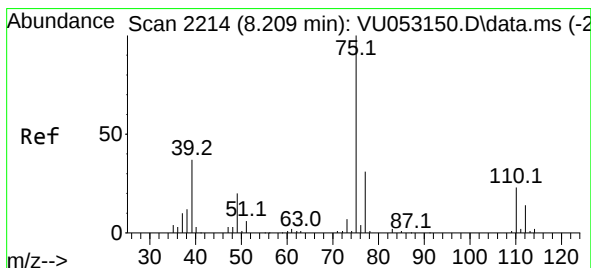
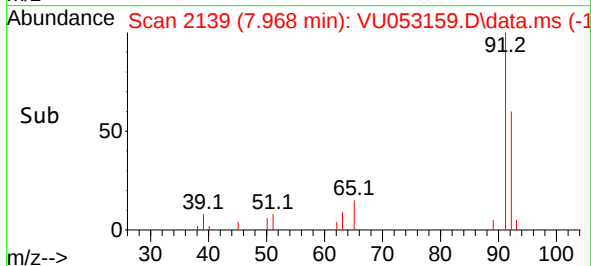
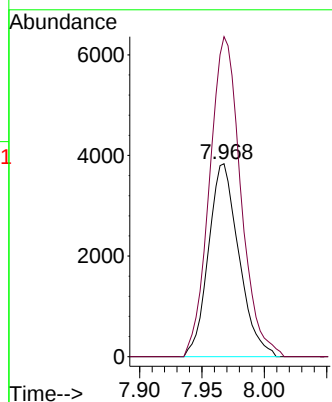
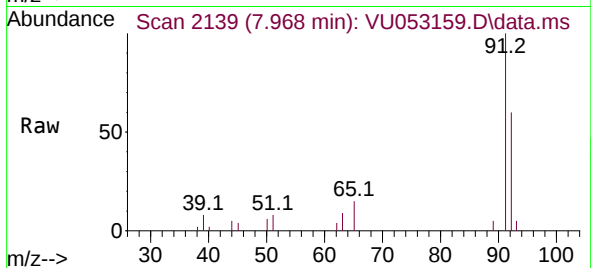
RL CHECK

Tgt Ion: 92 Resp: 6518

Ion Ratio Lower Upper

92 100

91 170.5 138.2 207.2



#50

t-1,3-Dichloropropene

Concen: 0.413 ug/l

RT: 8.212 min Scan# 2215

Delta R.T. 0.003 min

Lab File: VU053159.D

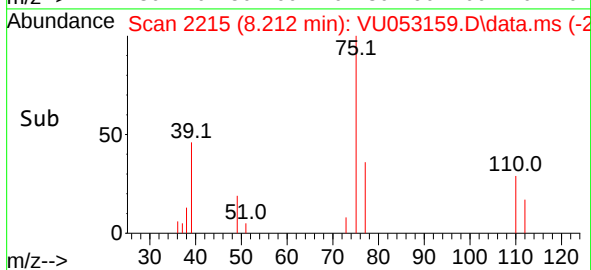
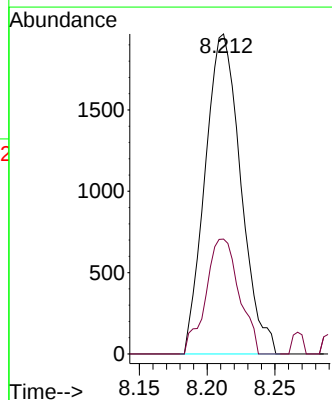
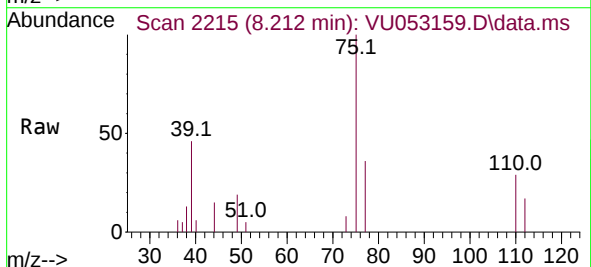
Acq: 27 Feb 2023 18:52

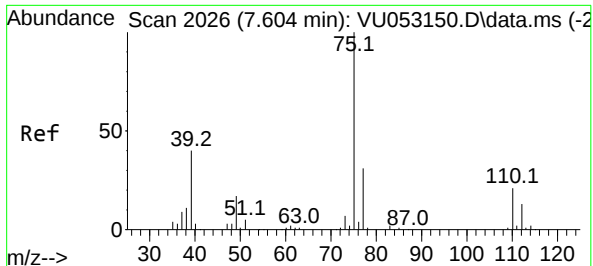
Tgt Ion: 75 Resp: 3596

Ion Ratio Lower Upper

75 100

77 35.9 25.1 37.7





#51

cis-1,3-Dichloropropene

Concen: 0.404 ug/l

RT: 7.611 min Scan# 2026

Delta R.T. 0.006 min

Lab File: VU053159.D

Acq: 27 Feb 2023 18:52

Instrument :

MSVOA_U

ClientSampleId :

RL CHECK

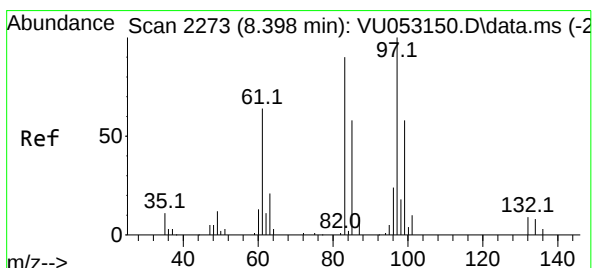
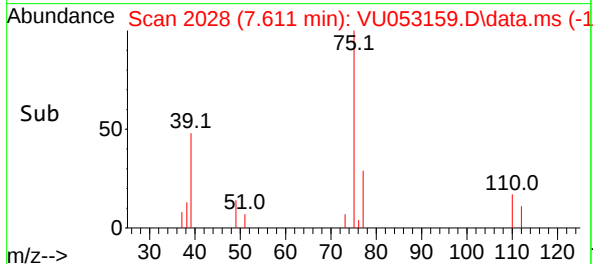
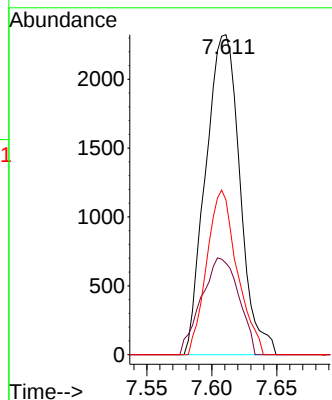
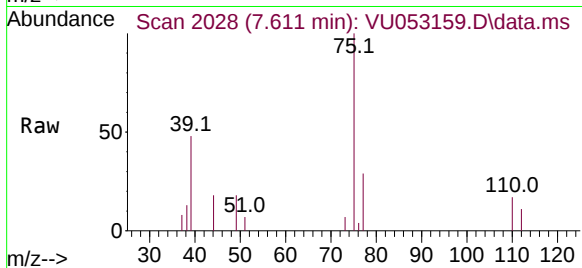
Tgt Ion: 75 Resp: 4258

Ion Ratio Lower Upper

75 100

77 28.6 24.9 37.3

39 48.4 32.2 48.2#



#52

1,1,2-Trichloroethane

Concen: 0.427 ug/l

RT: 8.399 min Scan# 2273

Delta R.T. 0.000 min

Lab File: VU053159.D

Acq: 27 Feb 2023 18:52

Tgt Ion: 97 Resp: 2055

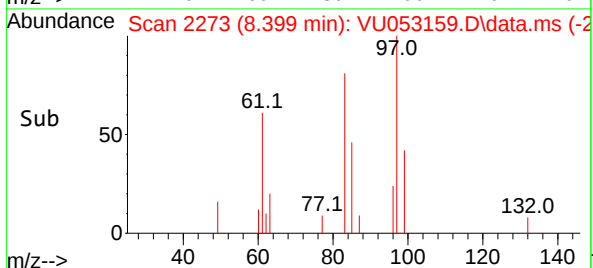
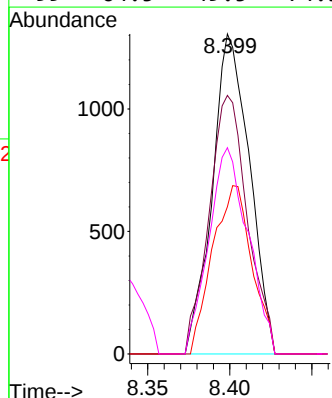
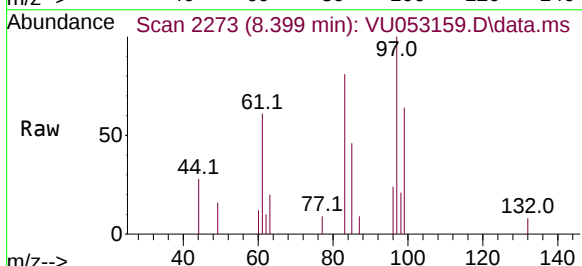
Ion Ratio Lower Upper

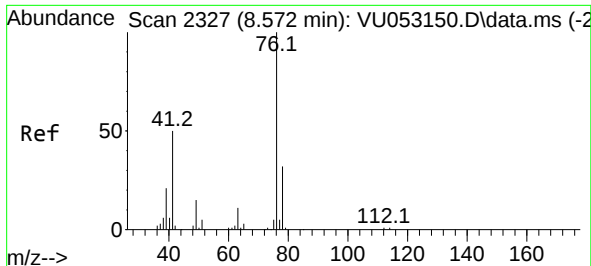
97 100

83 80.8 71.9 107.9

85 46.0 46.5 69.7#

99 64.5 49.5 74.3





#53

1,3-Dichloropropane

Concen: 0.425 ug/l

RT: 8.572 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU053159.D

Acq: 27 Feb 2023 18:52

Instrument :

MSVOA_U

ClientSampleId :

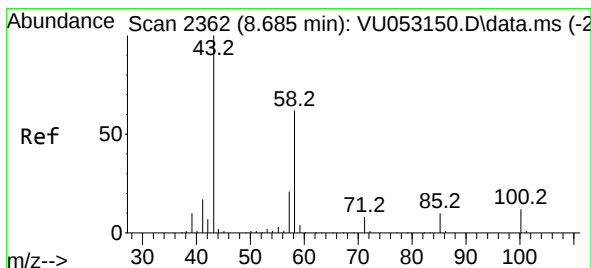
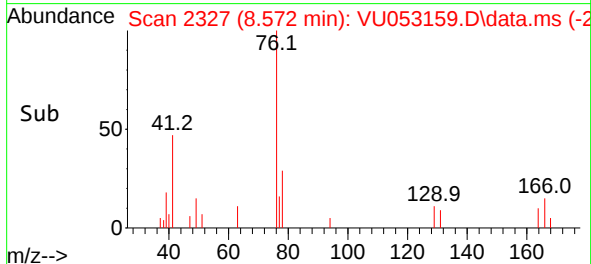
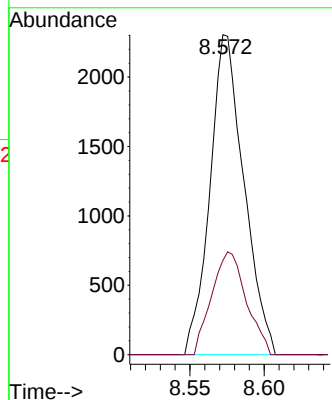
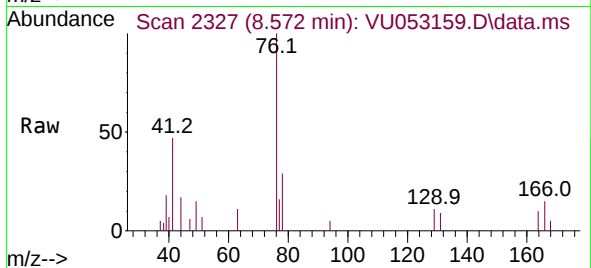
RL CHECK

Tgt Ion: 76 Resp: 3665

Ion Ratio Lower Upper

76 100

78 32.8 25.9 38.9



#54

2-Hexanone

Concen: 1.843 ug/l

RT: 8.694 min Scan# 2365

Delta R.T. 0.010 min

Lab File: VU053159.D

Acq: 27 Feb 2023 18:52

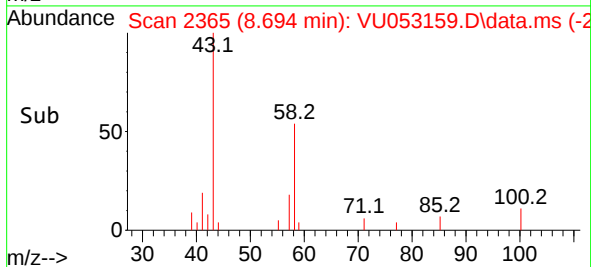
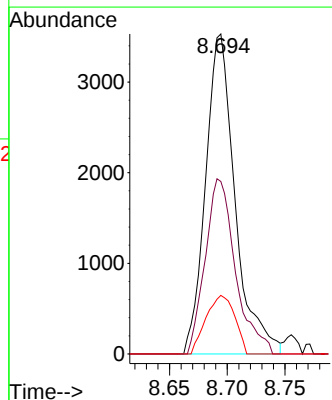
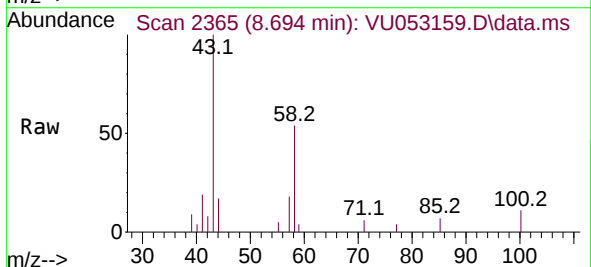
Tgt Ion: 43 Resp: 6280

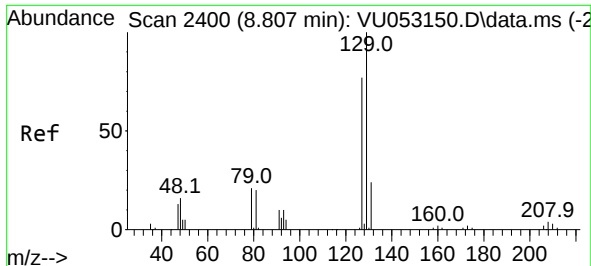
Ion Ratio Lower Upper

43 100

58 56.0 42.0 82.0

57 17.8 1.2 41.2





#55

Dibromochloromethane

Concen: 0.367 ug/l

RT: 8.807 min Scan# 2400

Delta R.T. 0.000 min

Lab File: VU053159.D

Acq: 27 Feb 2023 18:52

Instrument :

MSVOA_U

ClientSampleId :

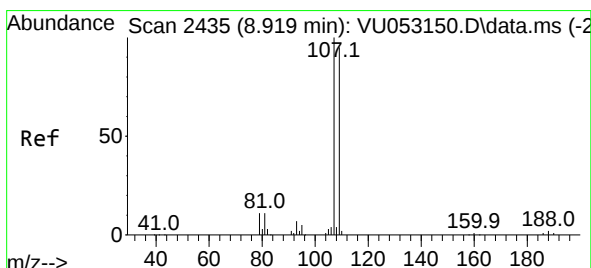
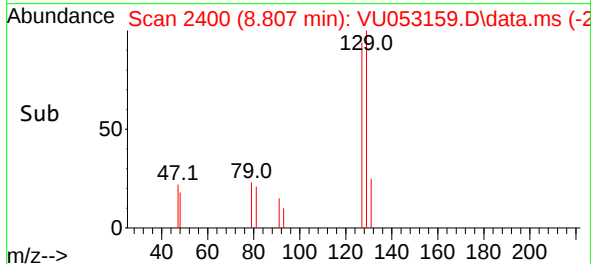
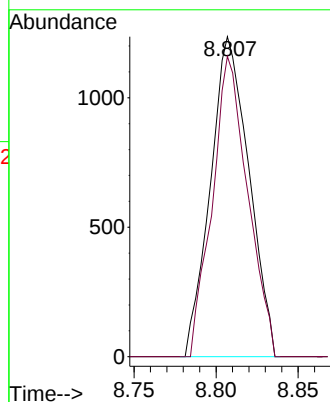
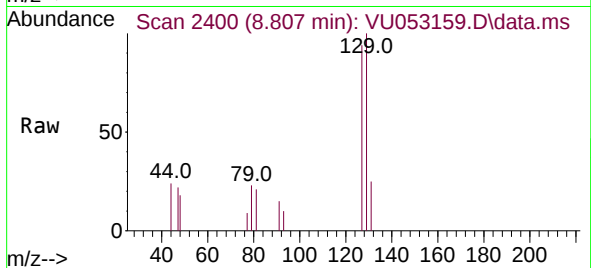
RL CHECK

Tgt Ion:129 Resp: 2012

Ion Ratio Lower Upper

129 100

127 86.4 61.1 91.7



#56

1,2-Dibromoethane

Concen: 0.399 ug/l

RT: 8.919 min Scan# 2435

Delta R.T. 0.000 min

Lab File: VU053159.D

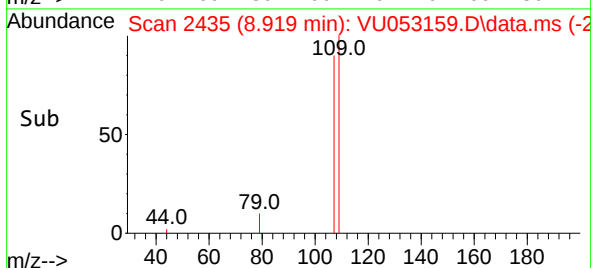
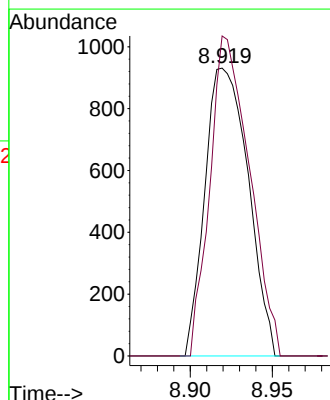
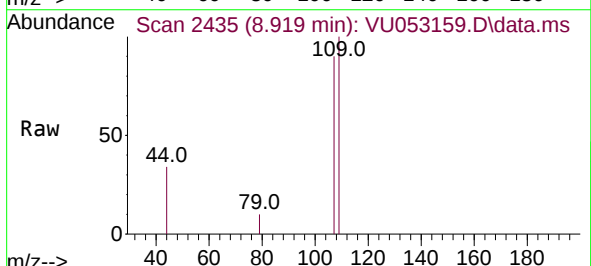
Acq: 27 Feb 2023 18:52

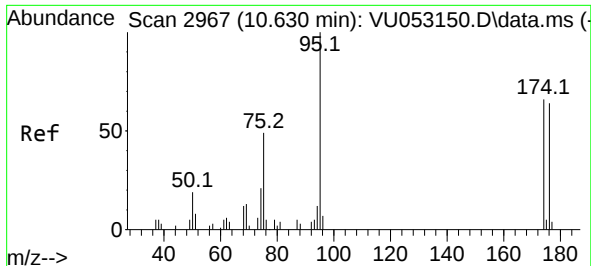
Tgt Ion:107 Resp: 1704

Ion Ratio Lower Upper

107 100

109 101.6 0.0 186.2

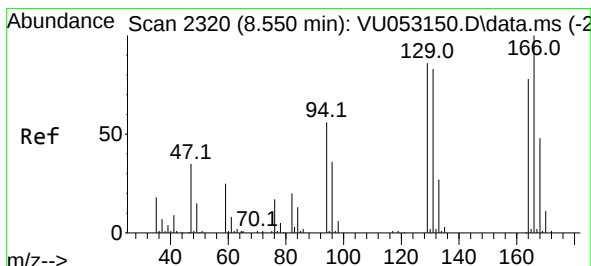
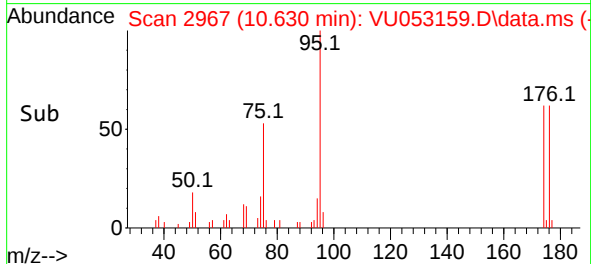
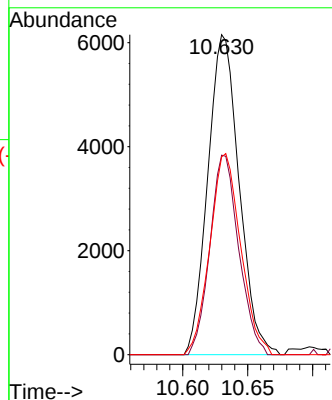
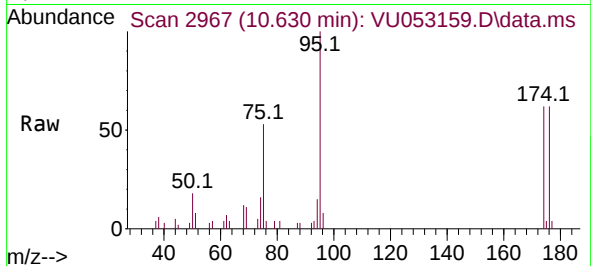




#57
4-Bromofluorobenzene
Concen: 0.957 ug/l
RT: 10.630 min Scan# 2967
Delta R.T. 0.000 min
Lab File: VU053159.D
Acq: 27 Feb 2023 18:52

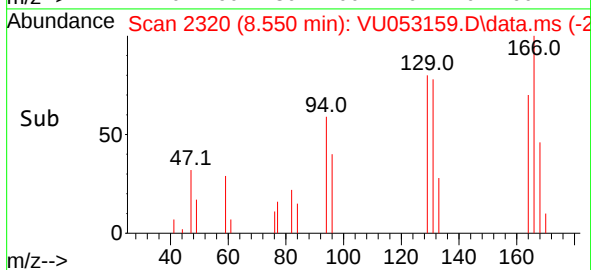
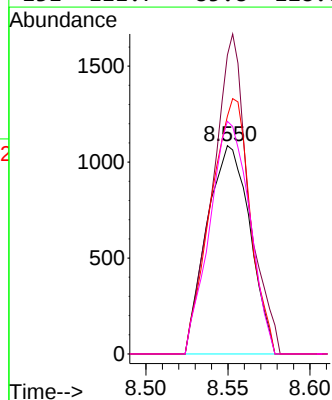
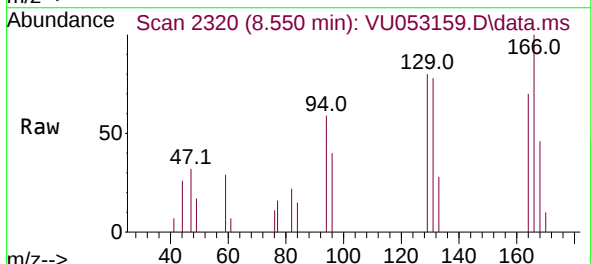
Instrument :
MSVOA_U
ClientSampleId :
RL CHECK

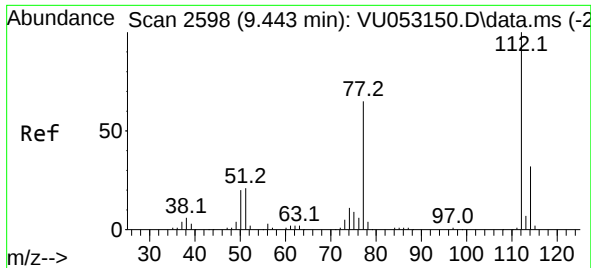
Tgt Ion: 95 Resp: 10303
Ion Ratio Lower Upper
95 100
174 57.5 50.7 76.1
176 61.8 47.8 71.6



#58
Tetrachloroethene
Concen: 0.424 ug/l
RT: 8.550 min Scan# 2320
Delta R.T. 0.000 min
Lab File: VU053159.D
Acq: 27 Feb 2023 18:52

Tgt Ion: 164 Resp: 1981
Ion Ratio Lower Upper
164 100
166 143.5 103.2 154.8
129 114.1 88.8 133.2
131 111.7 85.8 128.6





#59

Chlorobenzene

Concen: 0.429 ug/l

RT: 9.447 min Scan# 2

Delta R.T. 0.003 min

Lab File: VU053159.D

Acq: 27 Feb 2023 18:52

Instrument :

MSVOA_U

ClientSampleId :

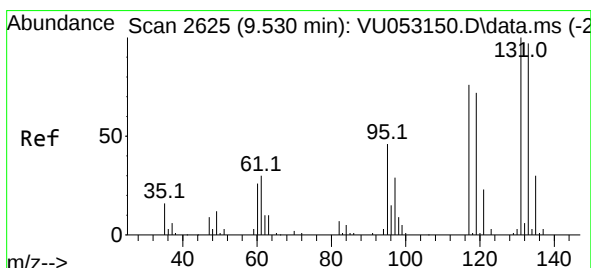
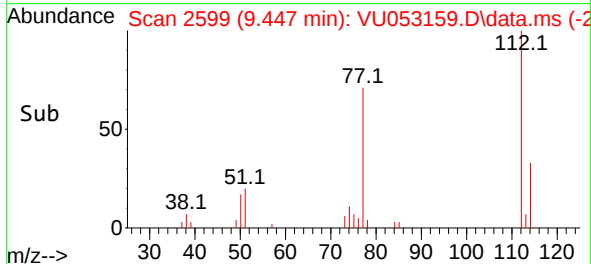
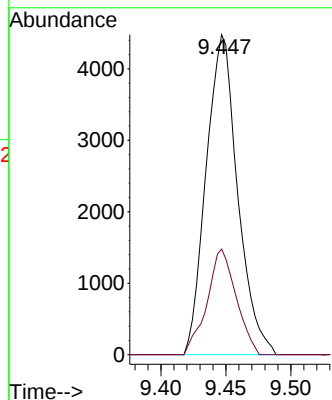
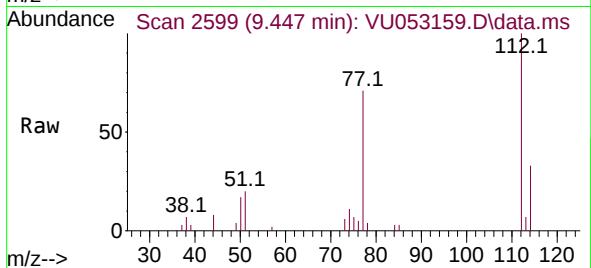
RL CHECK

Tgt Ion:112 Resp: 7551

Ion Ratio Lower Upper

112 100

114 33.0 25.8 38.6



#60

1,1,1,2-Tetrachloroethane

Concen: 0.449 ug/l

RT: 9.534 min Scan# 2626

Delta R.T. 0.003 min

Lab File: VU053159.D

Acq: 27 Feb 2023 18:52

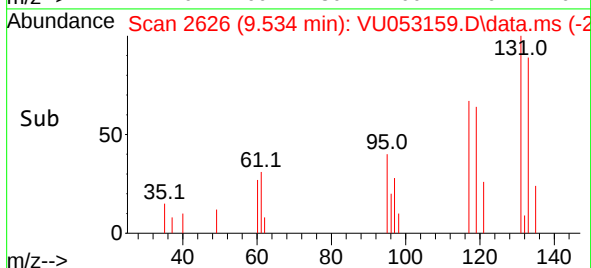
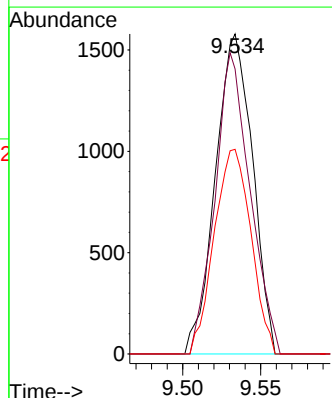
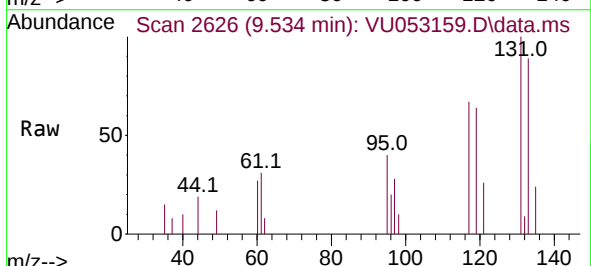
Tgt Ion:131 Resp: 2612

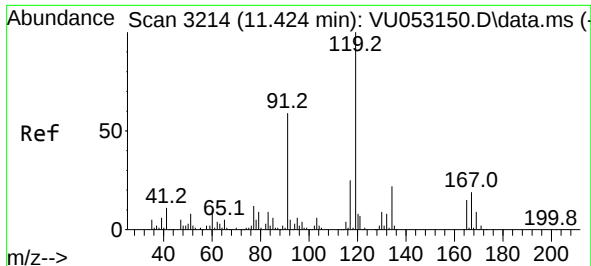
Ion Ratio Lower Upper

131 100

133 89.1 76.7 115.1

119 63.4 57.6 86.4

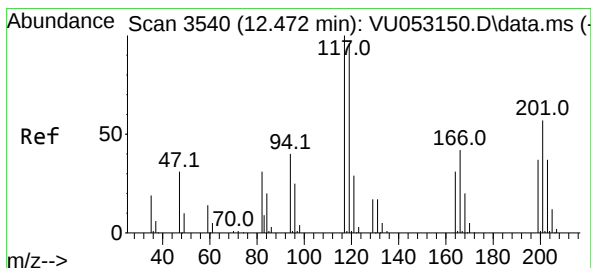
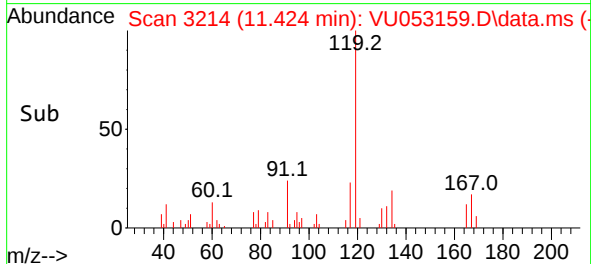
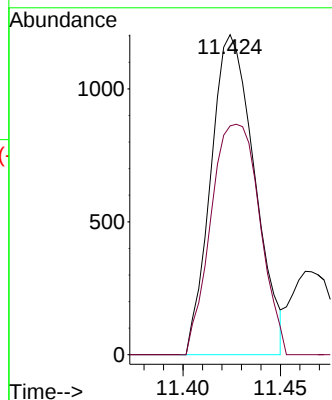
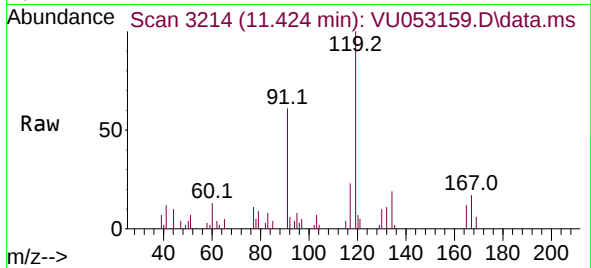




#61
 Pentachloroethane
 Concen: 0.372 ug/l
 RT: 11.424 min Scan# 3214
 Delta R.T. 0.000 min
 Lab File: VU053159.D
 Acq: 27 Feb 2023 18:52

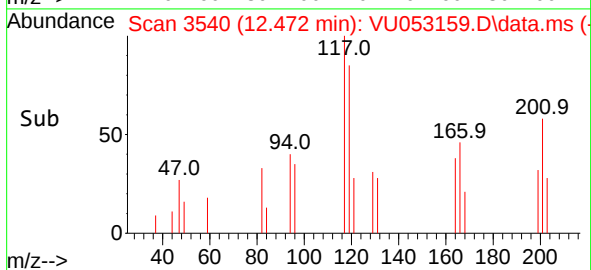
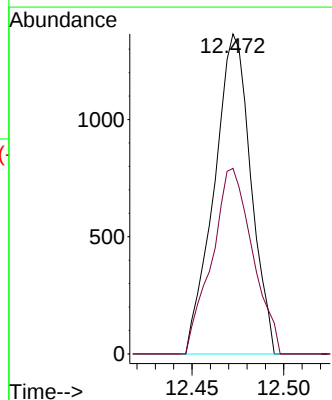
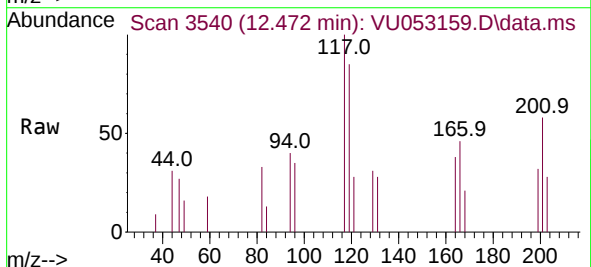
Instrument :
 MSVOA_U
 ClientSampleId :
 RL CHECK

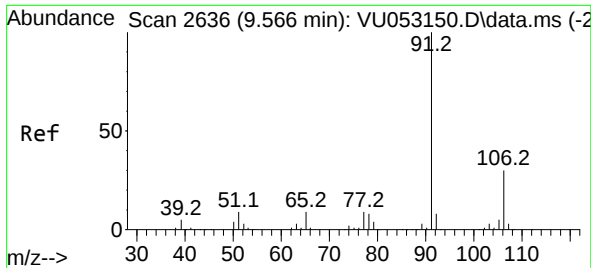
Tgt Ion:117 Resp: 1880
 Ion Ratio Lower Upper
 117 100
 167 80.3 57.5 86.3



#62
 Hexachloroethane
 Concen: 0.341 ug/l
 RT: 12.472 min Scan# 3540
 Delta R.T. 0.000 min
 Lab File: VU053159.D
 Acq: 27 Feb 2023 18:52

Tgt Ion:117 Resp: 1897
 Ion Ratio Lower Upper
 117 100
 201 64.5 46.7 70.1

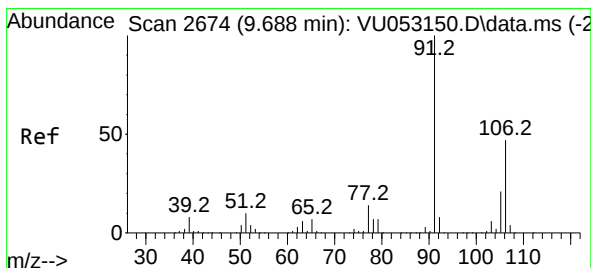
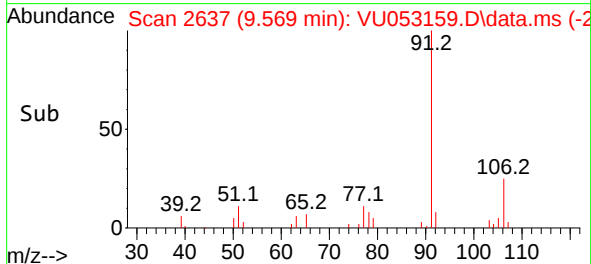
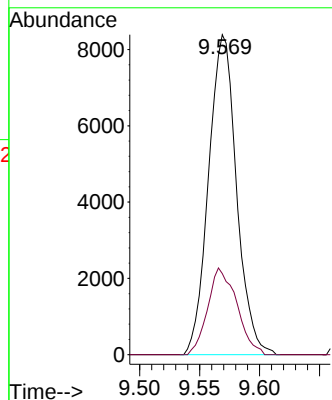
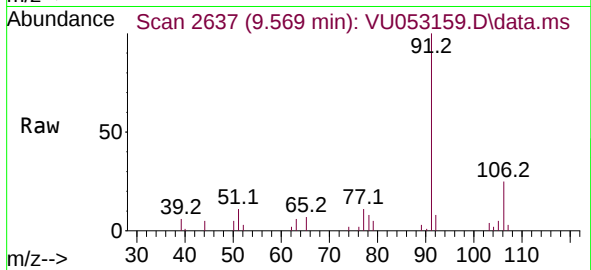




#63
Ethyl Benzene
Concen: 0.419 ug/l
RT: 9.569 min Scan# 2637
Delta R.T. 0.003 min
Lab File: VU053159.D
Acq: 27 Feb 2023 18:52

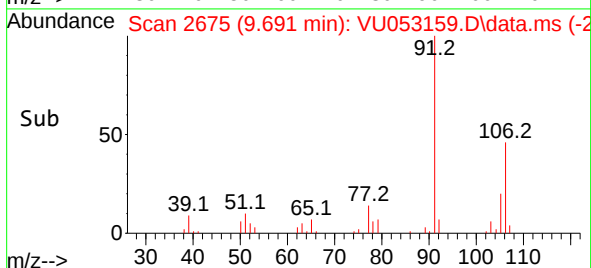
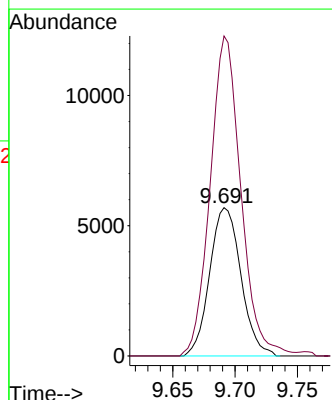
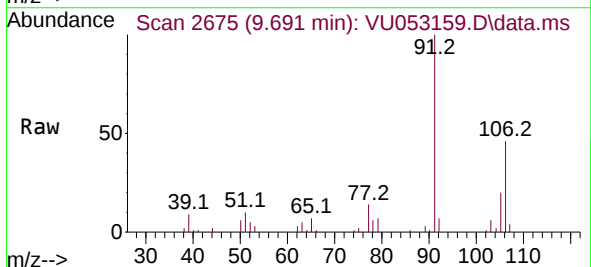
Instrument :
MSVOA_U
ClientSampleId :
RL CHECK

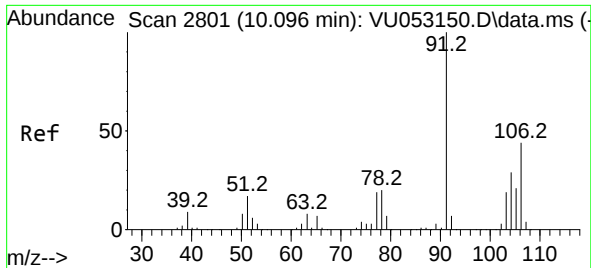
Tgt Ion: 91 Resp: 13595
Ion Ratio Lower Upper
91 100
106 25.4 24.0 36.0



#64
m/p-Xylenes
Concen: 0.843 ug/l
RT: 9.691 min Scan# 2675
Delta R.T. 0.003 min
Lab File: VU053159.D
Acq: 27 Feb 2023 18:52

Tgt Ion: 106 Resp: 9931
Ion Ratio Lower Upper
106 100
91 211.8 170.7 256.1

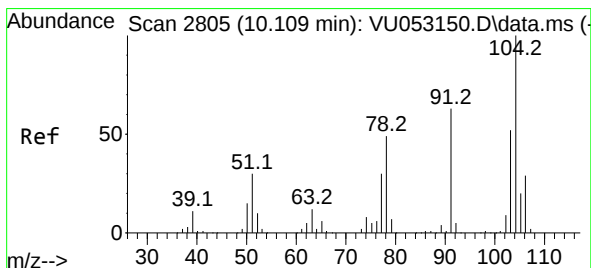
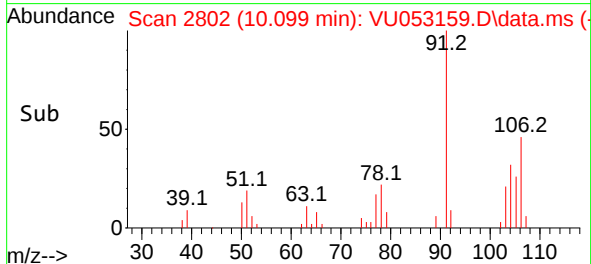
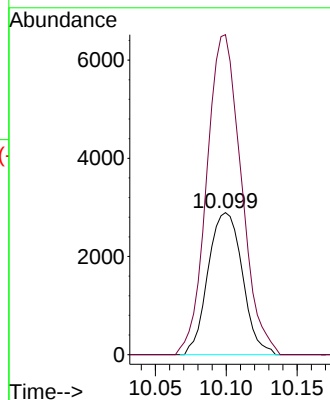
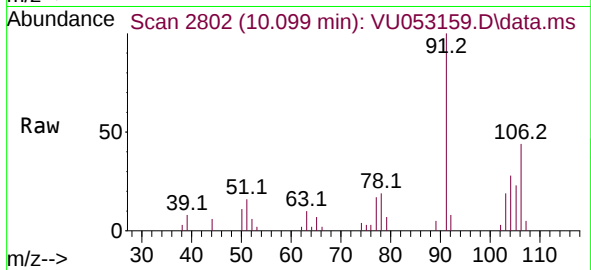




#65
o-Xylene
Concen: 0.405 ug/l
RT: 10.099 min Scan# 2801
Delta R.T. 0.003 min
Lab File: VU053159.D
Acq: 27 Feb 2023 18:52

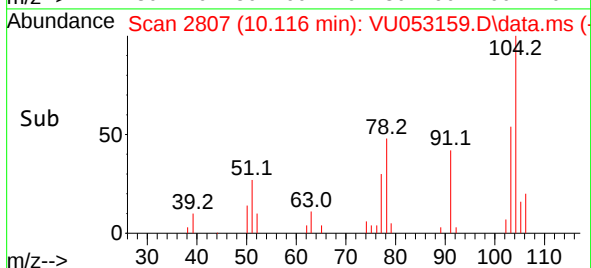
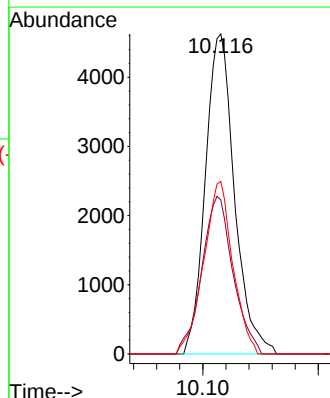
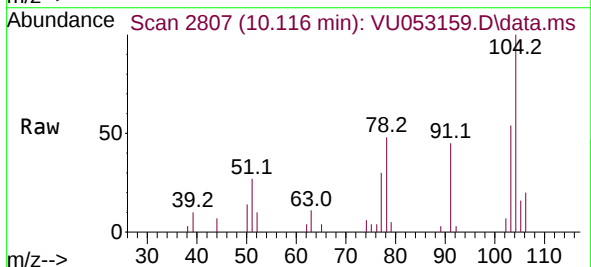
Instrument :
MSVOA_U
ClientSampleId :
RL CHECK

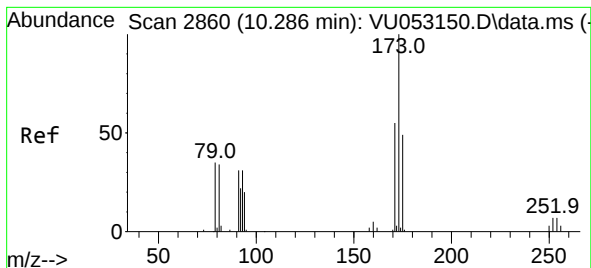
Tgt Ion:106 Resp: 4874
Ion Ratio Lower Upper
106 100
91 226.6 112.8 338.4



#66
Styrene
Concen: 0.425 ug/l
RT: 10.116 min Scan# 2807
Delta R.T. 0.007 min
Lab File: VU053159.D
Acq: 27 Feb 2023 18:52

Tgt Ion:104 Resp: 8097
Ion Ratio Lower Upper
104 100
78 52.7 43.3 64.9
103 54.0 45.2 67.8





#67

Bromoform

Concen: 0.377 ug/l

RT: 10.292 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU053159.D

Acq: 27 Feb 2023 18:52

Instrument :

MSVOA_U

ClientSampleId :

RL CHECK

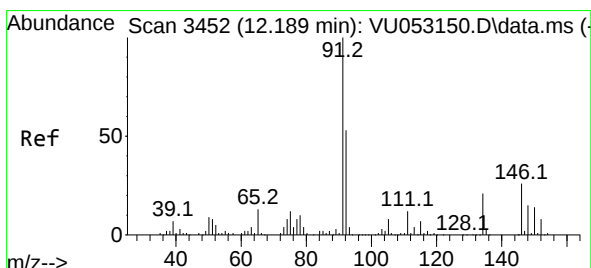
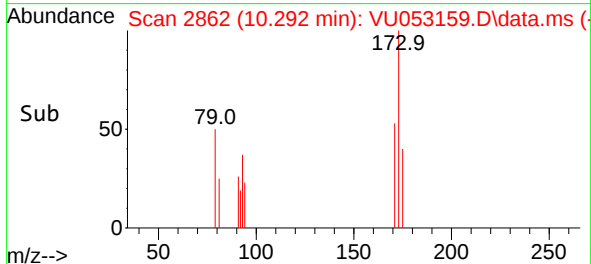
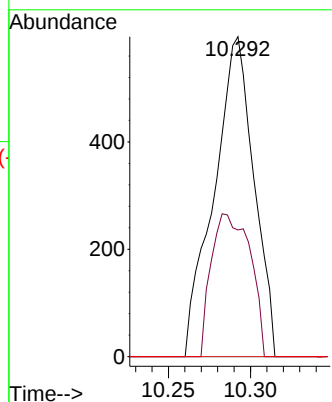
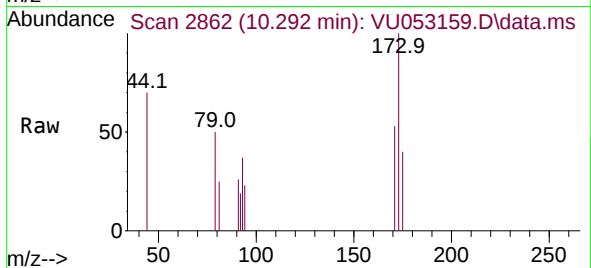
Tgt Ion:173 Resp: 1007

Ion Ratio Lower Upper

173 100

175 43.4 38.7 58.1

254 0.0 5.8 8.8#



#68

1,2-Dichlorobenzene-d4

Concen: 1.009 ug/l

RT: 12.189 min Scan# 3452

Delta R.T. 0.000 min

Lab File: VU053159.D

Acq: 27 Feb 2023 18:52

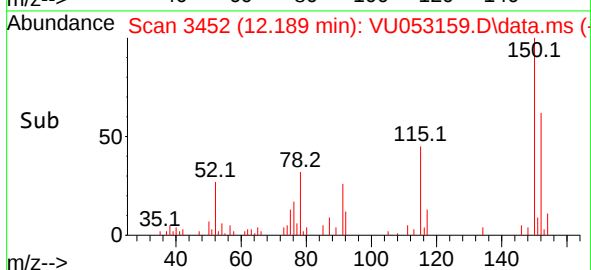
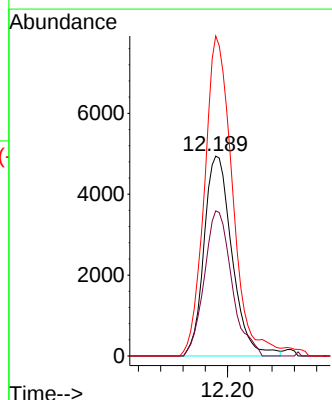
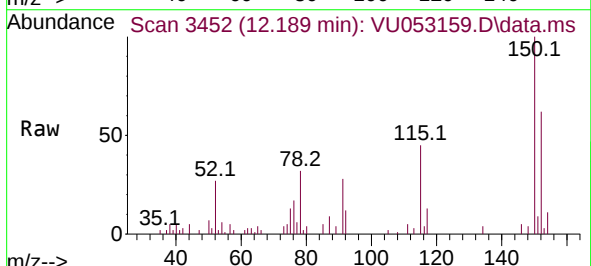
Tgt Ion:152 Resp: 8613

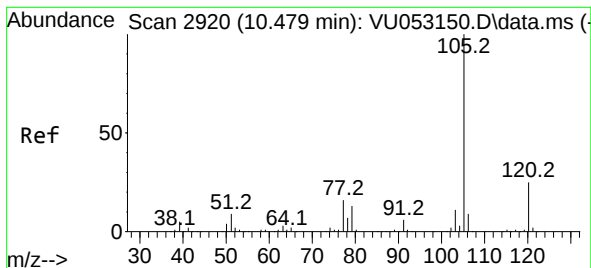
Ion Ratio Lower Upper

152 100

115 71.5 0.0 267.8

150 160.4 0.0 623.0





#69

Isopropylbenzene

Concen: 0.399 ug/l

RT: 10.482 min Scan# 2920

Delta R.T. 0.003 min

Lab File: VU053159.D

Acq: 27 Feb 2023 18:52

Instrument :

MSVOA_U

ClientSampleId :

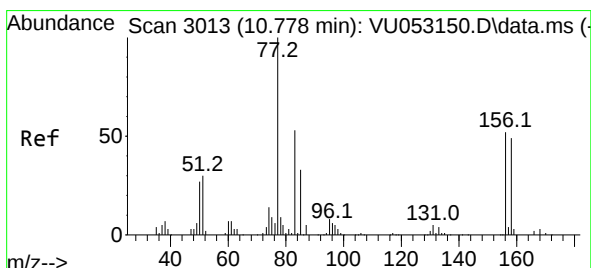
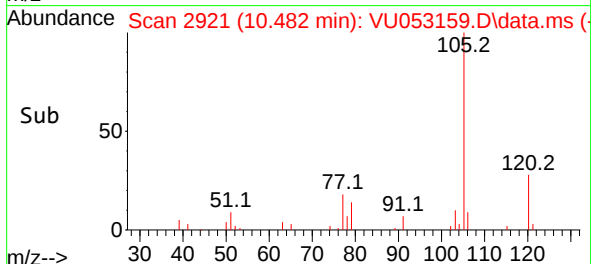
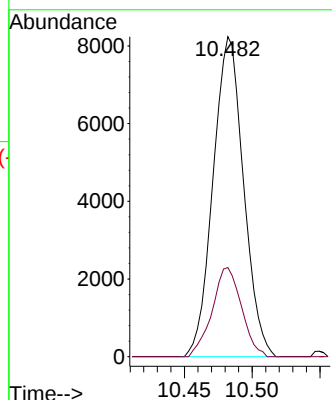
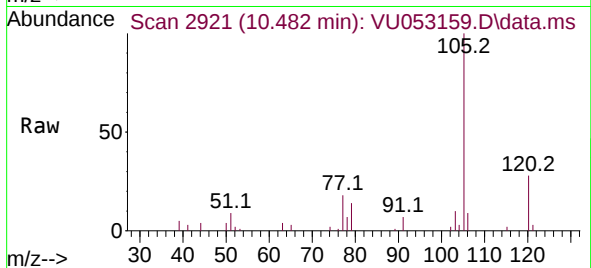
RL CHECK

Tgt Ion:105 Resp: 12864

Ion Ratio Lower Upper

105 100

120 26.8 12.6 37.6



#70

1,1,2,2-Tetrachloroethane

Concen: 0.389 ug/l

RT: 10.778 min Scan# 3013

Delta R.T. 0.000 min

Lab File: VU053159.D

Acq: 27 Feb 2023 18:52

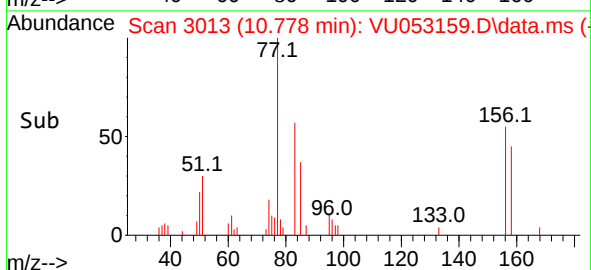
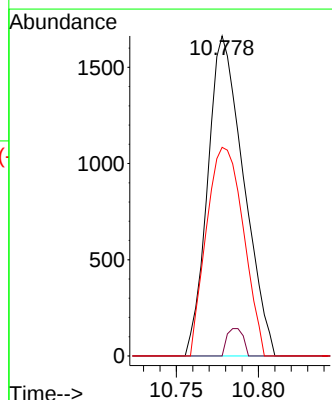
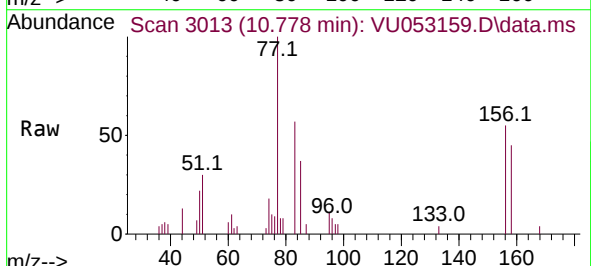
Tgt Ion: 83 Resp: 2525

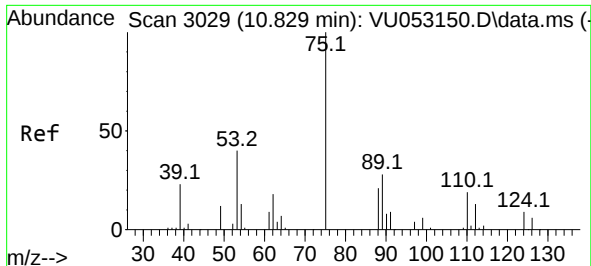
Ion Ratio Lower Upper

83 100

131 3.8 6.6 9.8#

85 67.1 49.3 73.9



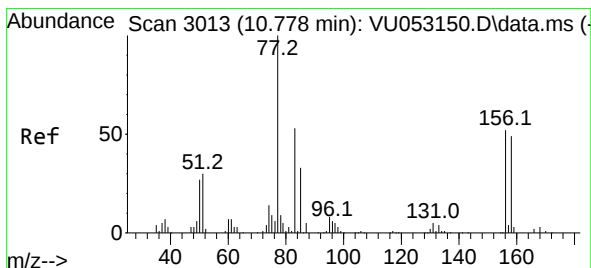
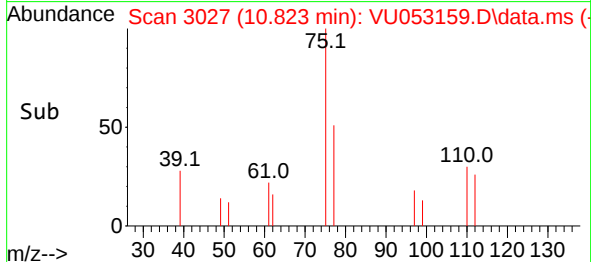
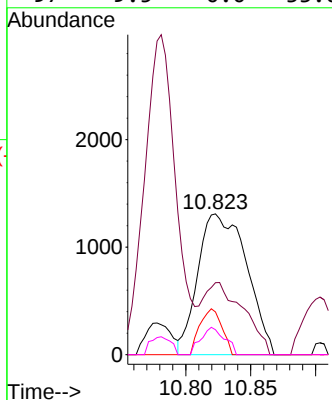
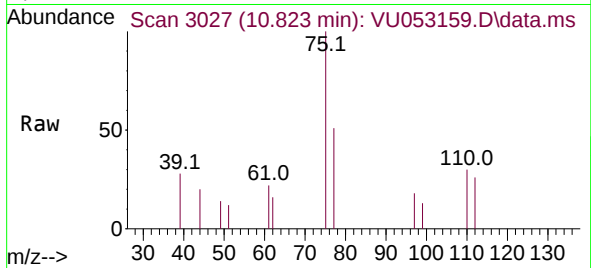


#71
1,2,3-Trichloropropane
Concen: 0.612 ug/l
RT: 10.823 min Scan# 3029
Delta R.T. -0.006 min
Lab File: VU053159.D
Acq: 27 Feb 2023 18:52

Instrument :
MSVOA_U
ClientSampleId :
RL CHECK

Tgt Ion: 75 Resp: 3413

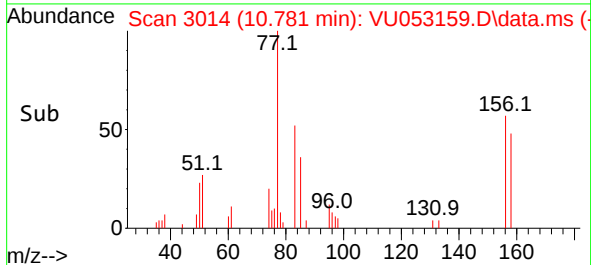
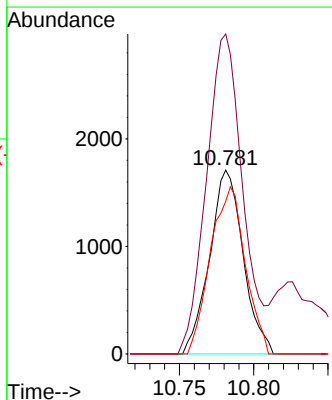
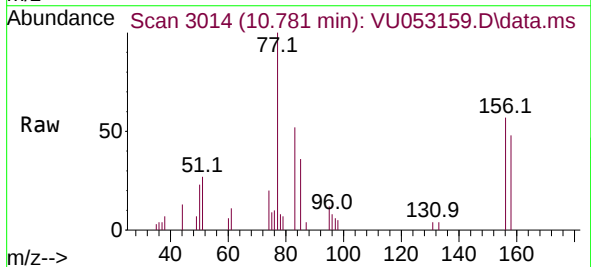
Ion	Ratio	Lower	Upper
75	100		
77	41.0	0.0	98.2
110	14.7	0.0	57.0
97	9.5	0.0	33.6

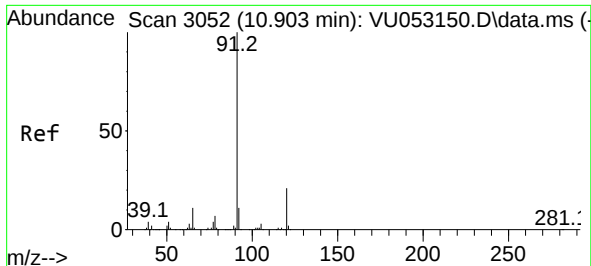


#72
Bromobenzene
Concen: 0.430 ug/l
RT: 10.781 min Scan# 3014
Delta R.T. 0.003 min
Lab File: VU053159.D
Acq: 27 Feb 2023 18:52

Tgt Ion: 156 Resp: 2688

Ion	Ratio	Lower	Upper
156	100		
77	186.0	0.0	397.0
158	94.2	0.0	189.2

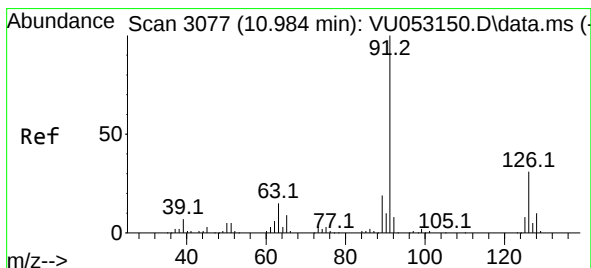
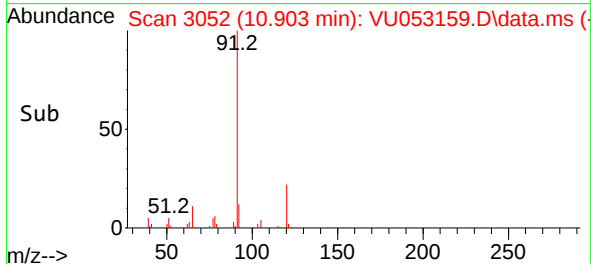
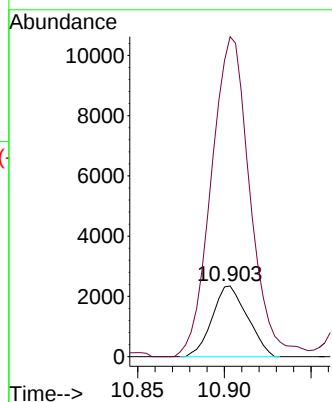
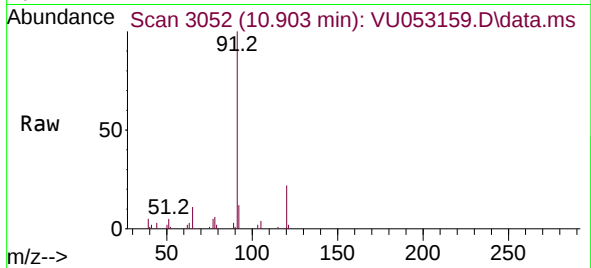




#73
n-propylbenzene
Concen: 0.387 ug/l
RT: 10.903 min Scan# 3052
Delta R.T. 0.000 min
Lab File: VU053159.D
Acq: 27 Feb 2023 18:52

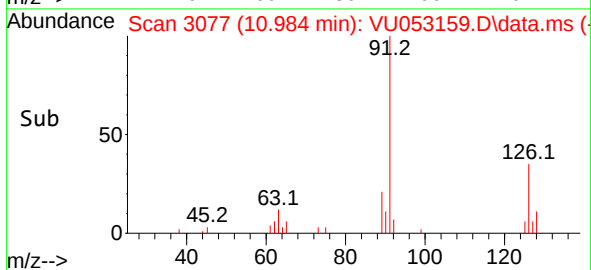
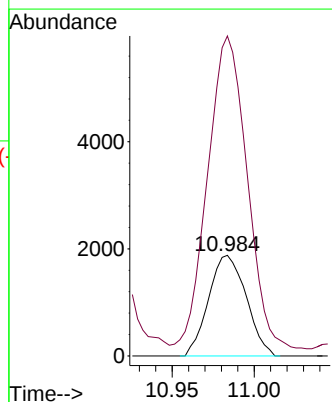
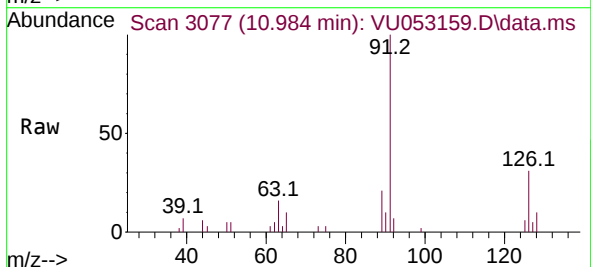
Instrument :
MSVOA_U
ClientSampleId :
RL CHECK

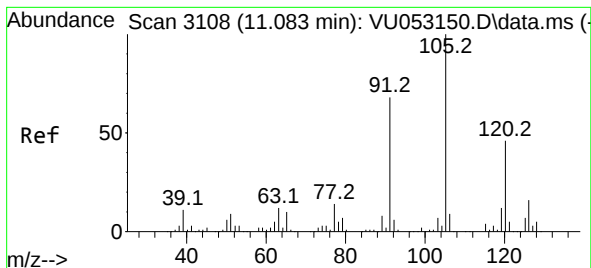
Tgt Ion:120 Resp: 3307
Ion Ratio Lower Upper
120 100
91 498.8 372.5 558.7



#74
2-Chlorotoluene
Concen: 0.422 ug/l
RT: 10.984 min Scan# 3077
Delta R.T. 0.000 min
Lab File: VU053159.D
Acq: 27 Feb 2023 18:52

Tgt Ion:126 Resp: 2987
Ion Ratio Lower Upper
126 100
91 331.8 0.0 658.6





#75

1,3,5-Trimethylbenzene

Concen: 0.401 ug/l

RT: 11.083 min Scan# 3108

Delta R.T. 0.000 min

Lab File: VU053159.D

Acq: 27 Feb 2023 18:52

Instrument :

MSVOA_U

ClientSampleId :

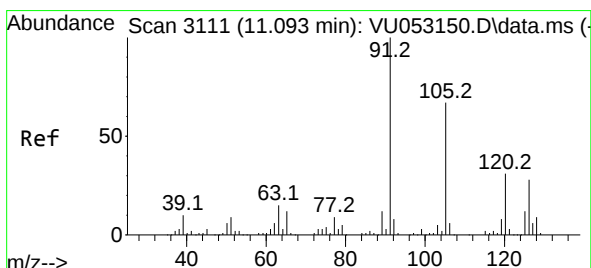
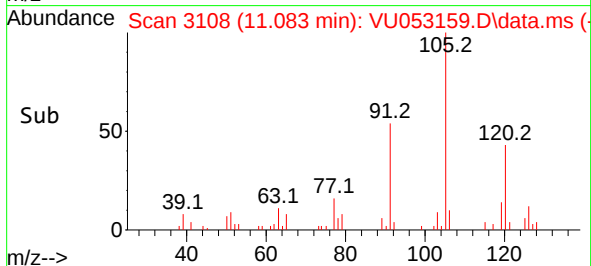
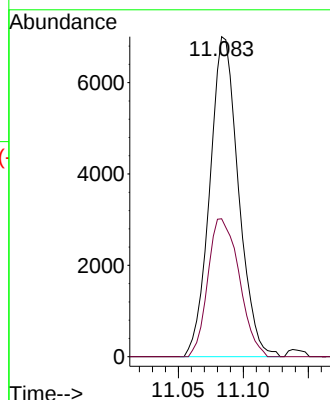
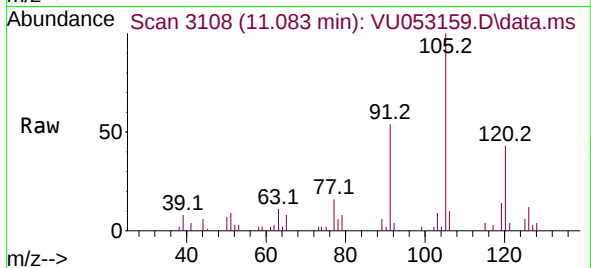
RL CHECK

Tgt Ion:105 Resp: 10755

Ion Ratio Lower Upper

105 100

120 47.0 36.5 54.7



#76

4-Chlorotoluene

Concen: 0.401 ug/l

RT: 11.096 min Scan# 3112

Delta R.T. 0.003 min

Lab File: VU053159.D

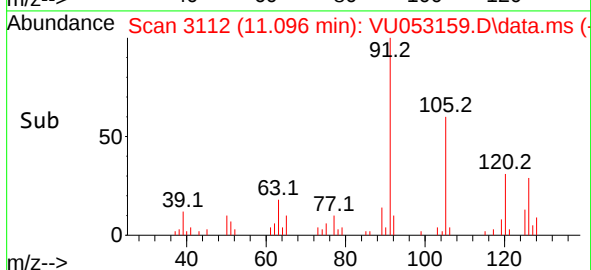
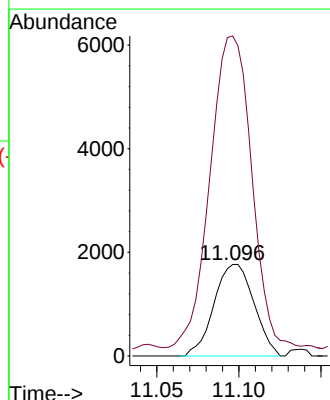
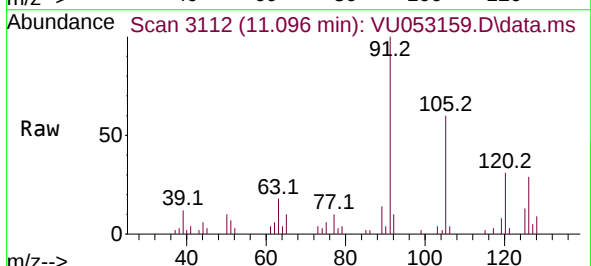
Acq: 27 Feb 2023 18:52

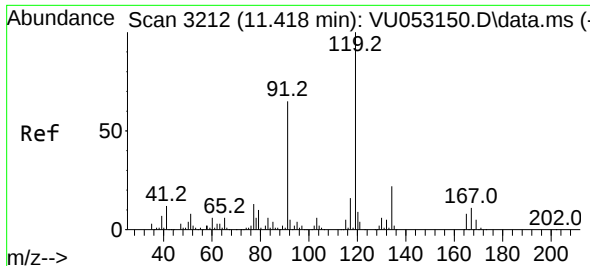
Tgt Ion:126 Resp: 2981

Ion Ratio Lower Upper

126 100

91 357.1 0.0 760.6

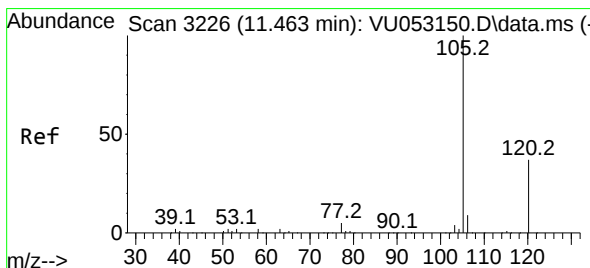
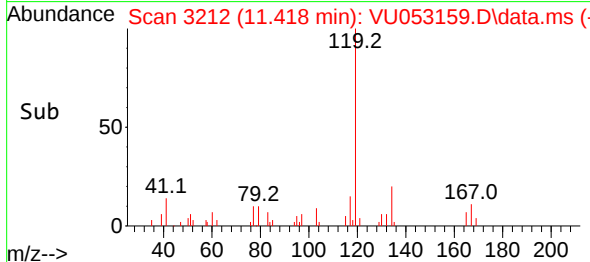
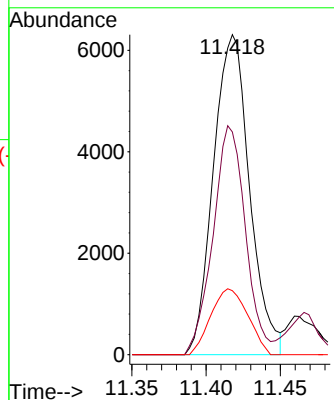
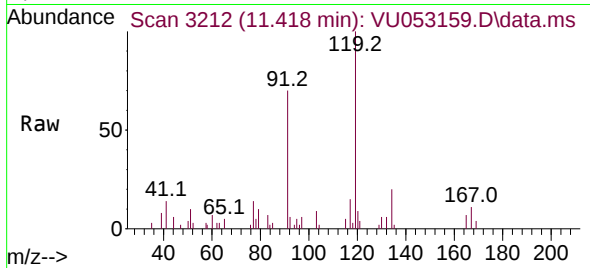




#77
 tert-Butylbenzene
 Concen: 0.407 ug/l
 RT: 11.418 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU053159.D
 Acq: 27 Feb 2023 18:52

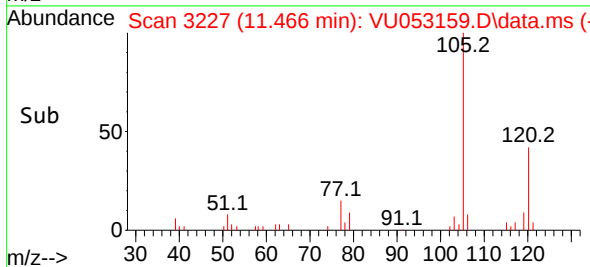
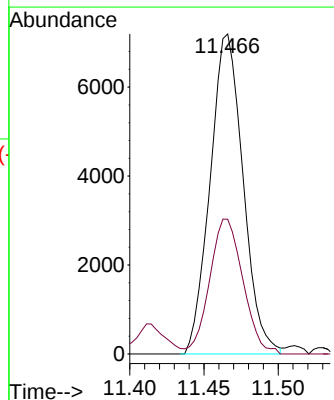
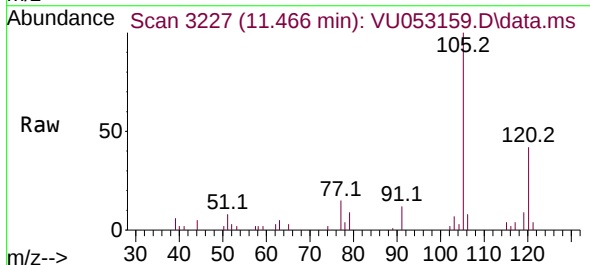
Instrument :
 MSVOA_U
 ClientSampleId :
 RL CHECK

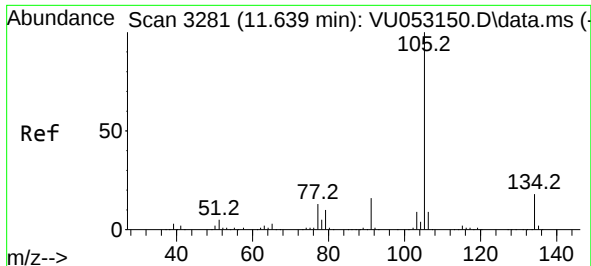
Tgt Ion:119 Resp: 10702
 Ion Ratio Lower Upper
 119 100
 91 64.0 31.9 95.7
 134 21.0 17.4 26.0



#78
 1,2,4-Trimethylbenzene
 Concen: 0.407 ug/l
 RT: 11.466 min Scan# 3227
 Delta R.T. 0.003 min
 Lab File: VU053159.D
 Acq: 27 Feb 2023 18:52

Tgt Ion:105 Resp: 11109
 Ion Ratio Lower Upper
 105 100
 120 42.5 21.1 63.1

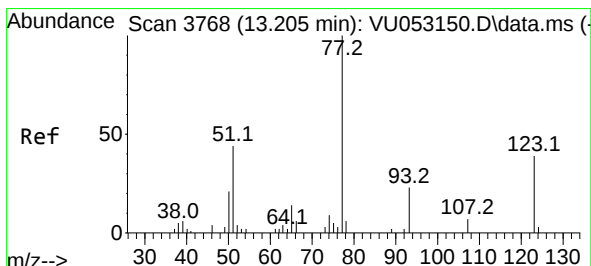
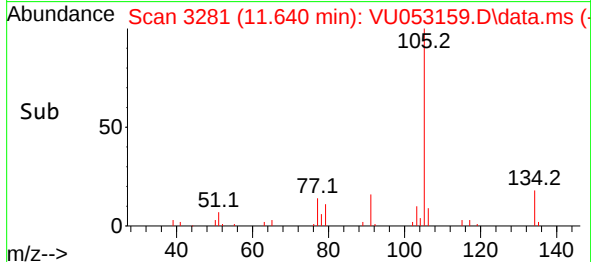
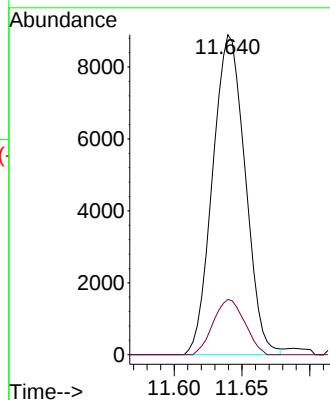
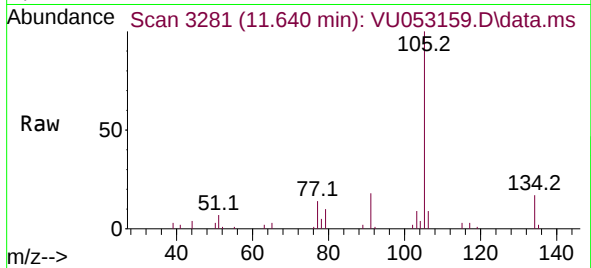




#79
 sec-Butylbenzene
 Concen: 0.407 ug/l
 RT: 11.640 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU053159.D
 Acq: 27 Feb 2023 18:52

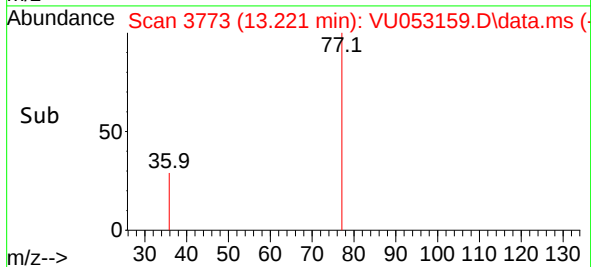
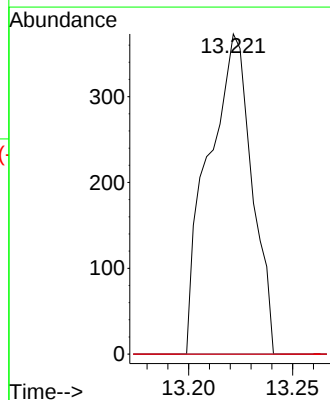
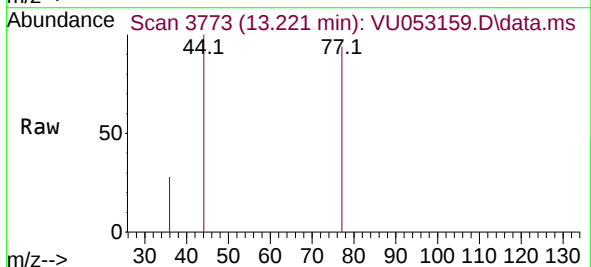
Instrument :
 MSVOA_U
 ClientSampleId :
 RL CHECK

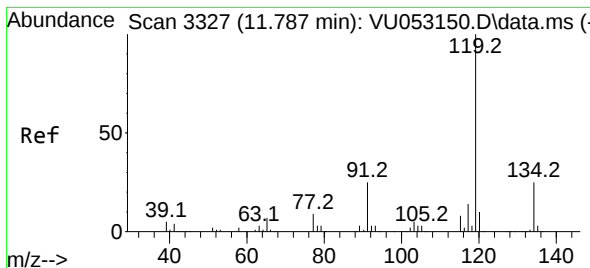
Tgt Ion:105 Resp: 14848
 Ion Ratio Lower Upper
 105 100
 134 16.7 14.4 21.6



#80
 Nitrobenzene
 Concen: 1.602 ug/l
 RT: 13.221 min Scan# 3773
 Delta R.T. 0.016 min
 Lab File: VU053159.D
 Acq: 27 Feb 2023 18:52

Tgt Ion: 77 Resp: 543
 Ion Ratio Lower Upper
 77 100
 123 0.0 17.0 60.2#
 65 0.0 12.9 16.5#





#81

p-Isopropyltoluene

Concen: 0.402 ug/l

RT: 11.791 min Scan# 3328

Delta R.T. 0.003 min

Lab File: VU053159.D

Acq: 27 Feb 2023 18:52

Instrument :

MSVOA_U

ClientSampleId :

RL CHECK

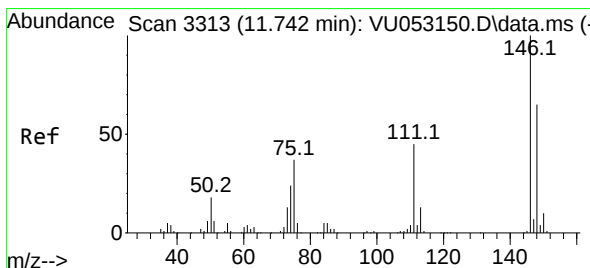
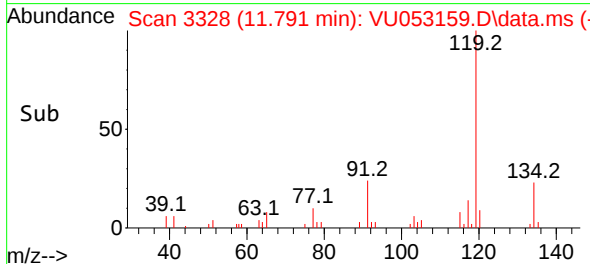
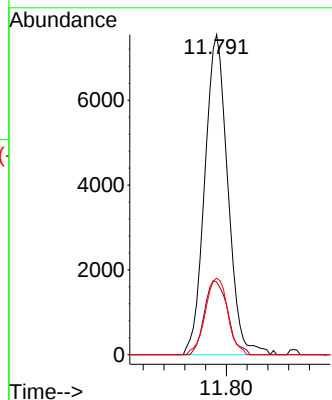
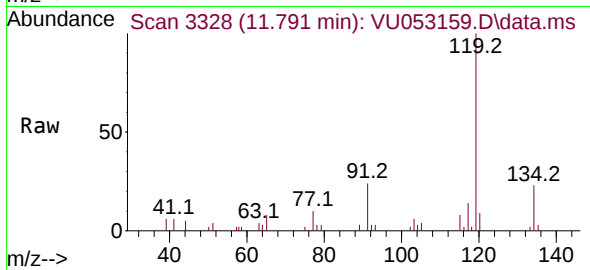
Tgt Ion:119 Resp: 11620

Ion Ratio Lower Upper

119 100

134 23.4 19.8 29.6

91 23.3 20.5 30.7



#82

1,3-Dichlorobenzene

Concen: 0.408 ug/l

RT: 11.746 min Scan# 3314

Delta R.T. 0.003 min

Lab File: VU053159.D

Acq: 27 Feb 2023 18:52

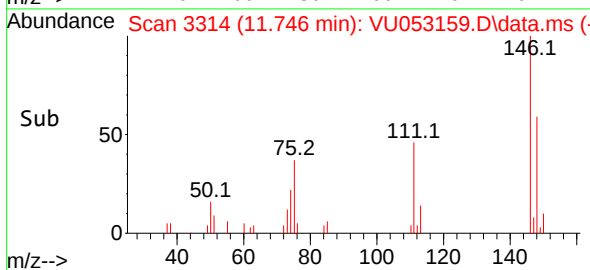
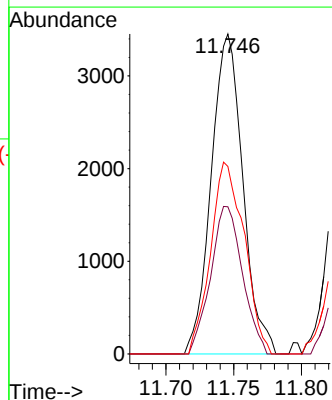
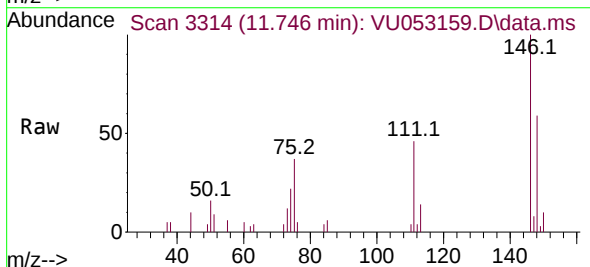
Tgt Ion:146 Resp: 5604

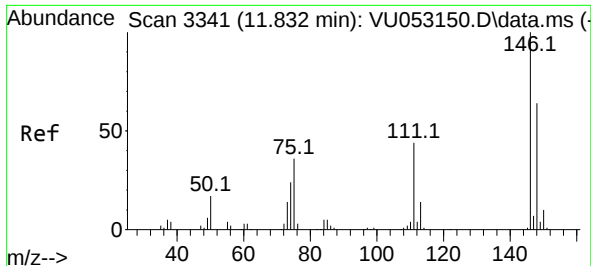
Ion Ratio Lower Upper

146 100

111 46.5 36.0 54.0

148 63.8 50.8 76.2

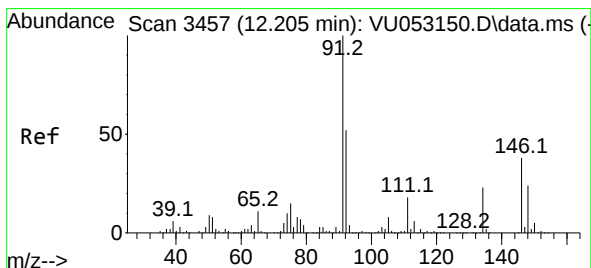
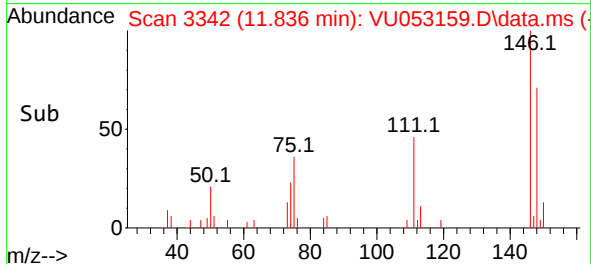
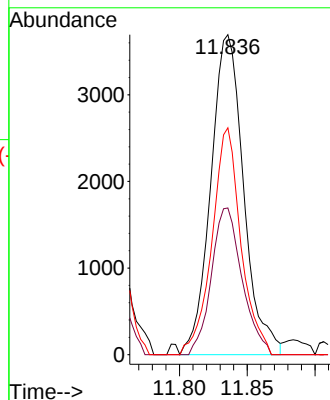
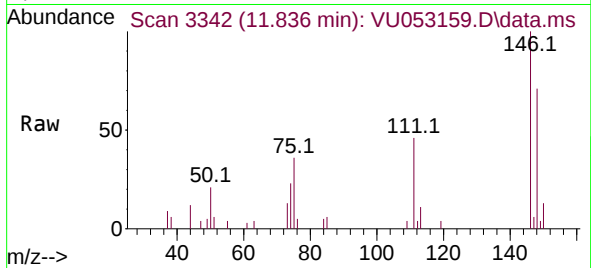




#83
1,4-Dichlorobenzene
Concen: 0.445 ug/l
RT: 11.836 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU053159.D
Acq: 27 Feb 2023 18:52

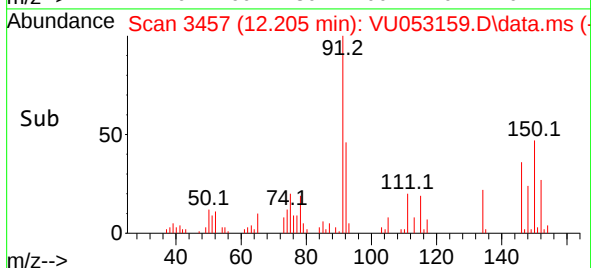
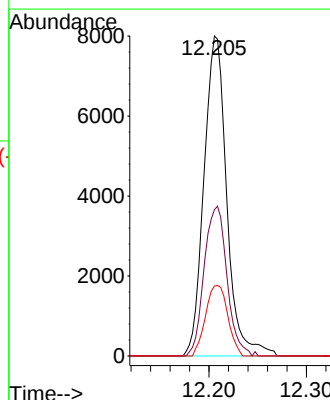
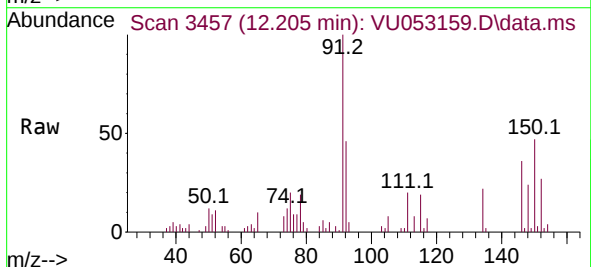
Instrument :
MSVOA_U
ClientSampleId :
RL CHECK

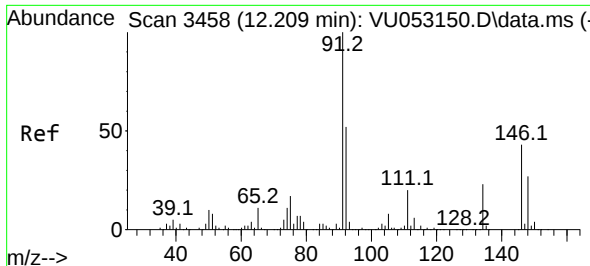
Tgt Ion:146 Resp: 6229
Ion Ratio Lower Upper
146 100
111 42.7 34.0 51.0
148 62.5 49.8 74.6



#84
n-Butylbenzene
Concen: 0.435 ug/l
RT: 12.205 min Scan# 3457
Delta R.T. 0.000 min
Lab File: VU053159.D
Acq: 27 Feb 2023 18:52

Tgt Ion: 91 Resp: 13007
Ion Ratio Lower Upper
91 100
92 46.8 41.8 62.6
134 21.4 17.9 26.9

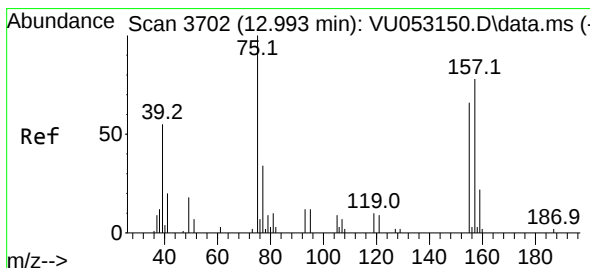
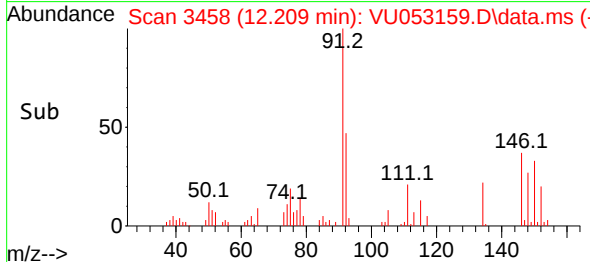
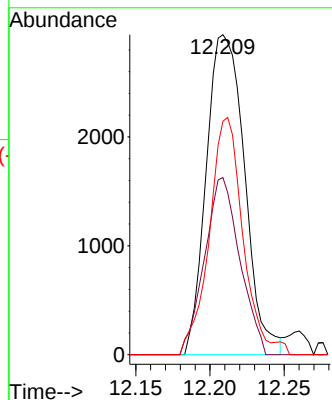
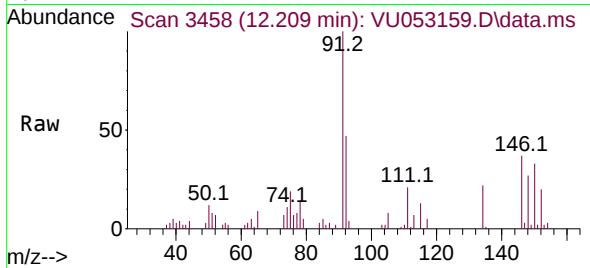




#85
 1,2-Dichlorobenzene
 Concen: 0.403 ug/l
 RT: 12.209 min Scan# 3458
 Delta R.T. 0.000 min
 Lab File: VU053159.D
 Acq: 27 Feb 2023 18:52

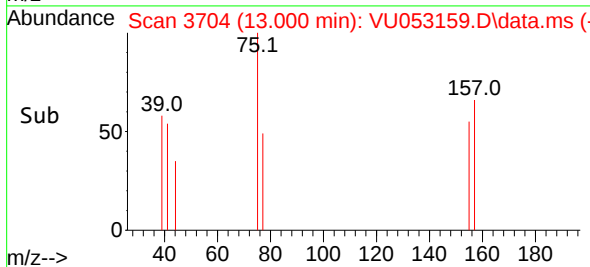
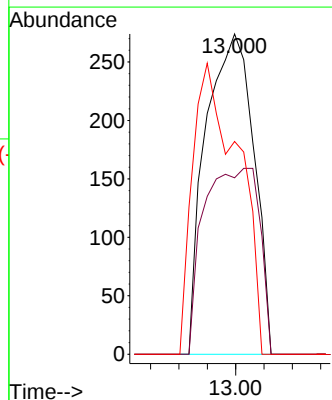
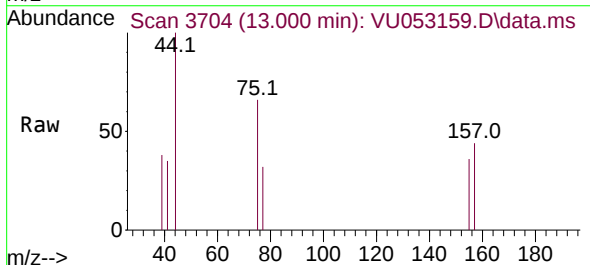
Instrument :
 MSVOA_U
 ClientSampleId :
 RL CHECK

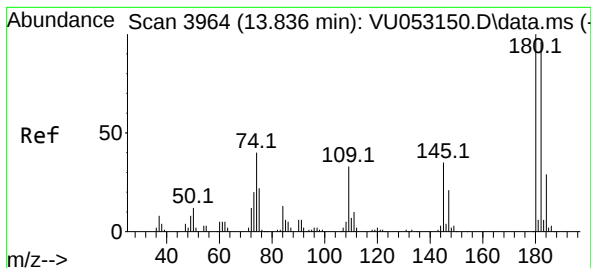
Tgt Ion:146 Resp: 5270
 Ion Ratio Lower Upper
 146 100
 111 50.9 23.2 69.6
 148 65.4 31.4 94.3



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 0.649 ug/l
 RT: 13.000 min Scan# 3704
 Delta R.T. 0.007 min
 Lab File: VU053159.D
 Acq: 27 Feb 2023 18:52

Tgt Ion: 75 Resp: 321
 Ion Ratio Lower Upper
 75 100
 155 67.0 53.4 80.0
 157 86.6 61.7 92.5





#87

1,2,4-Trichlorobenzene

Concen: 0.435 ug/l

RT: 13.839 min Scan# 3964

Delta R.T. 0.003 min

Lab File: VU053159.D

Acq: 27 Feb 2023 18:52

Instrument :

MSVOA_U

ClientSampleId :

RL CHECK

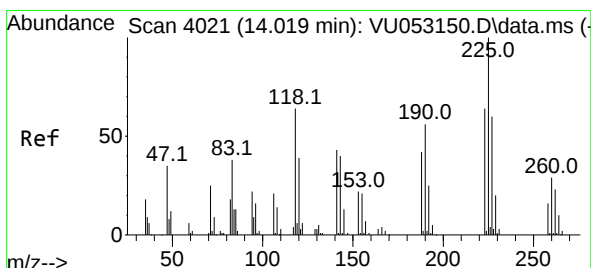
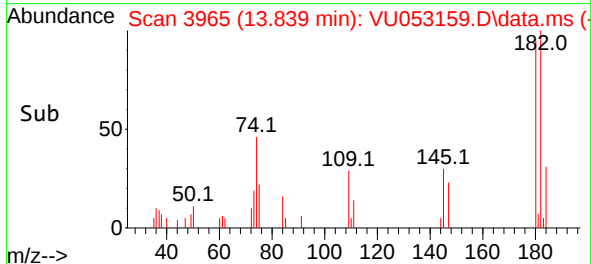
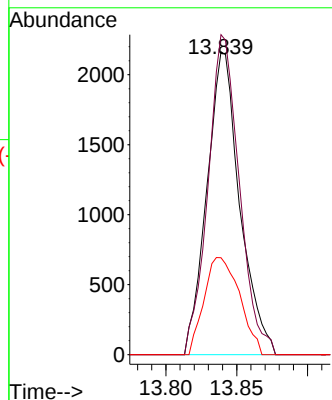
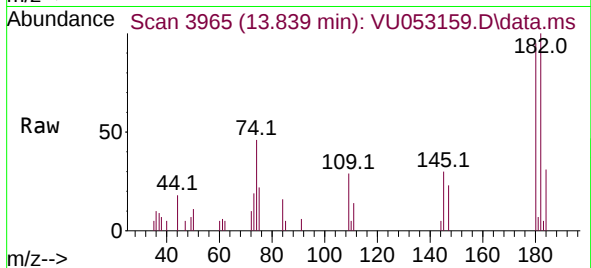
Tgt Ion:180 Resp: 3491

Ion Ratio Lower Upper

180 100

182 100.8 77.4 116.0

145 34.6 28.3 42.5



#88

Hexachlorobutadiene

Concen: 0.438 ug/l

RT: 14.022 min Scan# 4022

Delta R.T. 0.003 min

Lab File: VU053159.D

Acq: 27 Feb 2023 18:52

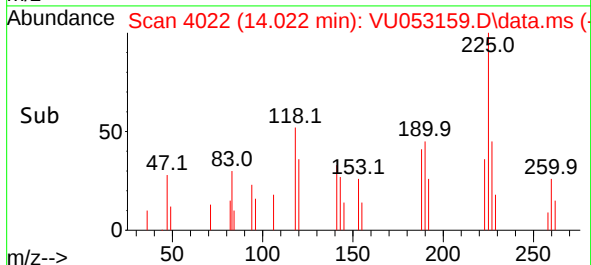
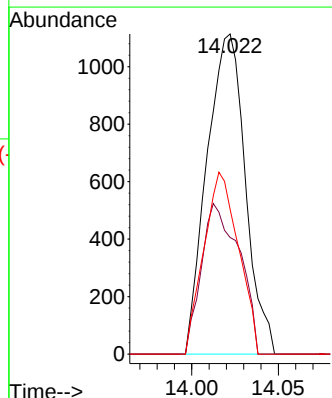
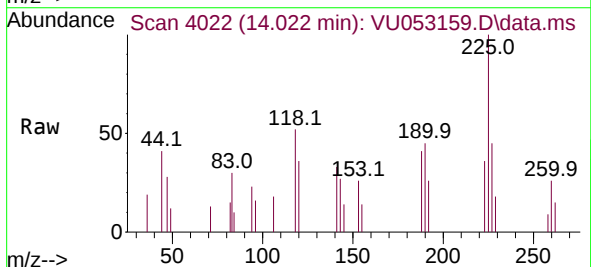
Tgt Ion:225 Resp: 1717

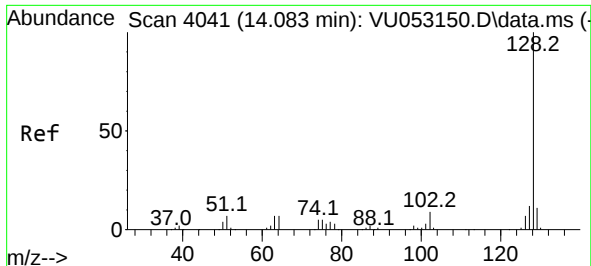
Ion Ratio Lower Upper

225 100

223 46.4 51.1 76.7#

227 51.3 49.9 74.9





#89

Naphthalene

Concen: 0.482 ug/l

RT: 14.086 min Scan# 4041

Delta R.T. 0.003 min

Lab File: VU053159.D

Acq: 27 Feb 2023 18:52

Instrument :

MSVOA_U

ClientSampleId :

RL CHECK

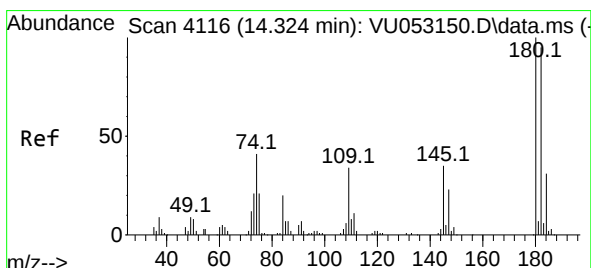
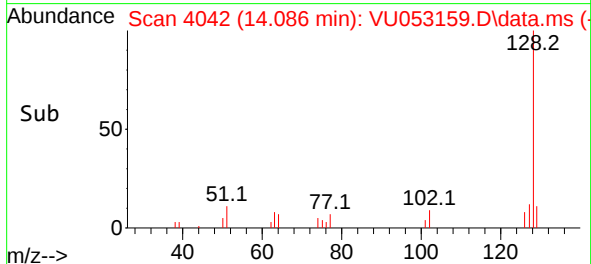
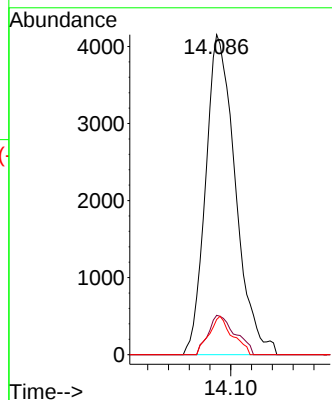
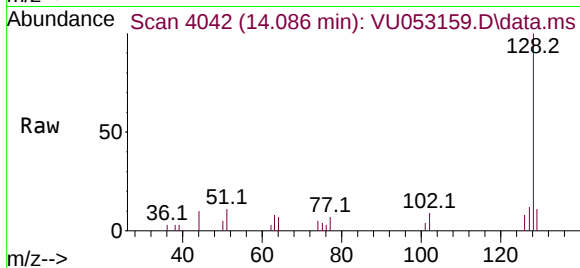
Tgt Ion:128 Resp: 8239

Ion Ratio Lower Upper

128 100

127 11.2 9.9 14.9

129 9.3 8.3 12.5



#90

1,2,3-Trichlorobenzene

Concen: 0.455 ug/l

RT: 14.331 min Scan# 4118

Delta R.T. 0.007 min

Lab File: VU053159.D

Acq: 27 Feb 2023 18:52

Tgt Ion:180 Resp: 3213

Ion Ratio Lower Upper

180 100

182 96.5 76.6 115.0

145 28.7 29.0 43.6#

