

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091123\
 Data File : VU055235.D
 Acq On : 11 Sep 2023 15:14
 Operator : MD/SY
 Sample : RL-CHECK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RL-CHECK

Quant Time: Sep 12 09:00:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U091123DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Sep 12 08:56:31 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/12/2023
 Supervised By : Mahesh Dadoda 09/12/2023

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

Internal Standards						
1) Fluorobenzene	6.113	96	54118	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.634	95	19911	0.948	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.000%	
68) 1,2-Dichlorobenzene-d4	12.193	152	19461	0.951	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	8698	0.464	ug/l	99
3) Chloromethane	1.515	50	9442	0.482	ug/l	92
4) Vinyl Chloride	1.602	62	9010	0.439	ug/l	100
5) Bromomethane	1.850	94	9745	0.602	ug/l	92
6) Chloroethane	1.927	64	6592	0.507	ug/l	98
7) Trichlorofluoromethane	2.136	101	14139	0.496	ug/l	93
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	6805	0.471	ug/l	97
9) 1,1-Dichloroethene	2.580	96	6535	0.495	ug/l	85
10) Iodomethane	2.718	142	5734	0.338	ug/l	98
11) Allyl Chloride	2.924	41	7694	0.466	ug/l #	83
12) Acrylonitrile	3.338	53	2379	0.948	ug/l #	69
13) Acetone	2.634	43	15104	3.472	ug/l	90
14) Carbon Disulfide	2.789	76	20582	0.481	ug/l	97
15) Methylene Chloride	3.043	84	13843	0.876	ug/l	93
16) trans-1,2-Dichloroethene	3.354	96	7147	0.454	ug/l	91
17) 1,1-Dichloroethane	3.869	63	13124	0.438	ug/l #	93
18) 2-Butanone	4.721	43	11253	2.268	ug/l	91
19) Cyclohexane	5.383	56	9752	0.441	ug/l	93
20) Methylcyclohexane	6.763	83	10671	0.388	ug/l	96
21) 2,2-Dichloropropane	4.660	77	13156	0.545	ug/l #	91
22) cis-1,2-Dichloroethene	4.669	96	9154	0.455	ug/l	90
23) Diethyl Ether	2.374	59	5736	0.533	ug/l	91
24) tert-Butyl Alcohol	3.187	59	22918	27.411	ug/l #	1
25) Methyl tert-Butyl Ether	3.361	73	14628	0.481	ug/l	95
26) Bromochloromethane	4.975	128	3301	0.450	ug/l	96
27) Chloroform	5.091	83	14371	0.453	ug/l	88
28) 1,1,1-Trichloroethane	5.316	97	11608	0.425	ug/l	95
29) 1,1-Dichloropropene	5.531	75	9009	0.398	ug/l	93
30) Carbon Tetrachloride	5.522	117	9820	0.414	ug/l	92
31) Isopropyl Ether	3.991	45	17035	0.433	ug/l	99
32) Ethyl-t-butyl ether	4.502	59	17282	0.454	ug/l	94
33) Tert-Amyl methyl ether	5.943	73	14589	0.435	ug/l	97
34) Propionitrile	4.811	54	1243	1.384	ug/l #	15
35) Benzene	5.772	78	29247	0.437	ug/l	99
36) 1,2-Dichloroethane	5.798	62	8294	0.444	ug/l #	88
37) Trichloroethene	6.544	130	8897	0.455	ug/l	85
38) 1,2-Dichloropropane	6.798	63	7102	0.405	ug/l	93
41) Tetrahydrofuran	5.068	42	2192	1.104	ug/l	90
42) 1-Chlorobutane	5.460	56	12782	0.438	ug/l	90
43) Dibromomethane	6.920	93	3665	0.442	ug/l	97
44) Bromodichloromethane	7.107	83	9541	0.444	ug/l	99
45) 4-Methyl-2-Pentanone	7.795	43	19828	2.519	ug/l	97
46) t-1,4-Dichloro-2-butene	10.840	75	1933m	0.657	ug/l	

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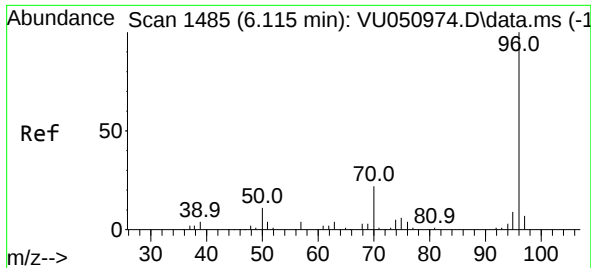
Quant Time: Sep 12 09:00:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U091123DW.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Methyl methacrylate	6.975	69	5399	0.847	ug/l	93
48) Ethyl methacrylate	8.341	69	5917	0.478	ug/l	85
49) Toluene	7.972	92	17743	0.437	ug/l	100
50) t-1,3-Dichloropropene	8.213	75	8053	0.445	ug/l	99
51) cis-1,3-Dichloropropene	7.611	75	9314	0.410	ug/l	96
52) 1,1,2-Trichloroethane	8.402	97	6021	0.514	ug/l	96
53) 1,3-Dichloropropane	8.579	76	10035	0.505	ug/l	94
54) 2-Hexanone	8.689	43	20291	2.691	ug/l	92
55) Dibromochloromethane	8.808	129	5918	0.448	ug/l	100
56) 1,2-Dibromoethane	8.927	107	5188	0.487	ug/l	97
58) Tetrachloroethene	8.554	164	9869	0.467	ug/l	96
59) Chlorobenzene	9.451	112	20756	0.457	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.531	131	6562	0.436	ug/l	99
61) Pentachloroethane	11.425	117	2909	0.415	ug/l #	79
62) Hexachloroethane	12.473	117	4116	0.358	ug/l	98
63) Ethyl Benzene	9.573	91	32290	0.420	ug/l	99
64) m/p-Xylenes	9.695	106	23739	0.798	ug/l	97
65) o-Xylene	10.103	106	11858	0.411	ug/l	98
66) Styrene	10.119	104	17833	0.396	ug/l	94
67) Bromoform	10.293	173	2779	0.416	ug/l #	96
69) Isopropylbenzene	10.483	105	30962	0.410	ug/l	97
70) 1,1,2,2-Tetrachloroethane	10.785	83	5853	0.492	ug/l #	88
71) 1,2,3-Trichloropropane	10.824	75	3421m	0.322	ug/l	
72) Bromobenzene	10.788	156	7676	0.443	ug/l	97
73) n-propylbenzene	10.907	120	8238	0.402	ug/l	97
74) 2-Chlorotoluene	10.988	126	8119	0.444	ug/l	85
75) 1,3,5-Trimethylbenzene	11.090	105	26487	0.408	ug/l	95
76) 4-Chlorotoluene	11.103	126	7530	0.401	ug/l	99
77) tert-Butylbenzene	11.418	119	23592	0.411	ug/l	96
78) 1,2,4-Trimethylbenzene	11.470	105	23261	0.354	ug/l	97
79) sec-Butylbenzene	11.643	105	31172	0.373	ug/l	100
80) Nitrobenzene	13.225	77	438	1.540	ug/l #	40
81) p-Isopropyltoluene	11.795	119	24636	0.365	ug/l	97
82) 1,3-Dichlorobenzene	11.750	146	17401	0.467	ug/l	95
83) 1,4-Dichlorobenzene	11.840	146	16002	0.439	ug/l	95
84) n-Butylbenzene	12.213	91	24181	0.394	ug/l	98
85) 1,2-Dichlorobenzene	12.216	146	15841	0.464	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	13.000	75	837	0.425	ug/l #	90
87) 1,2,4-Trichlorobenzene	13.843	180	9019	0.458	ug/l	96
88) Hexachlorobutadiene	14.020	225	5360	0.426	ug/l	96
89) Naphthalene	14.094	128	14856	0.528	ug/l	98
90) 1,2,3-Trichlorobenzene	14.331	180	8055	0.472	ug/l	95

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



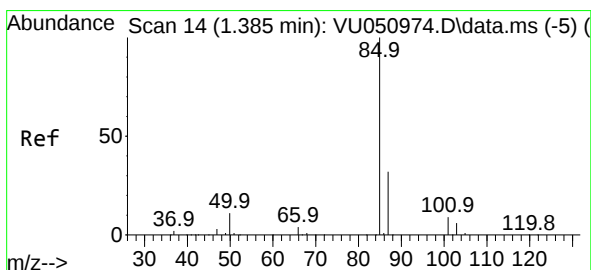
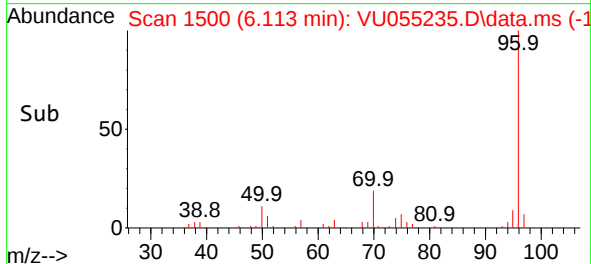
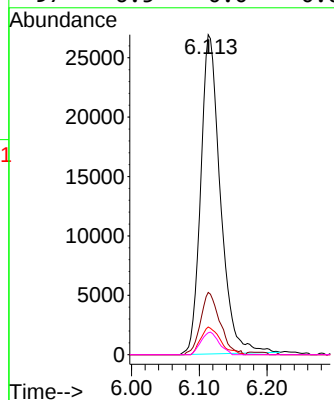
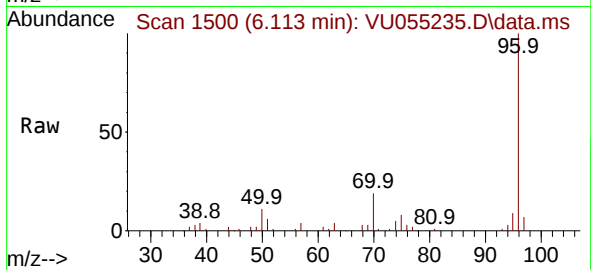
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Fluorobenzene
Concen: 1.000 ug/l
RT: 6.113 min Scan# 1
Delta R.T. -0.002 min
Lab File: VU055235.D
Acq: 11 Sep 2023 15:14

Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

Tgt Ion: 96 Resp: 54118
Ion Ratio Lower Upper
96 100
70 19.2 16.5 24.7
95 8.7 7.4 11.0
97 6.5 0.0 0.0#

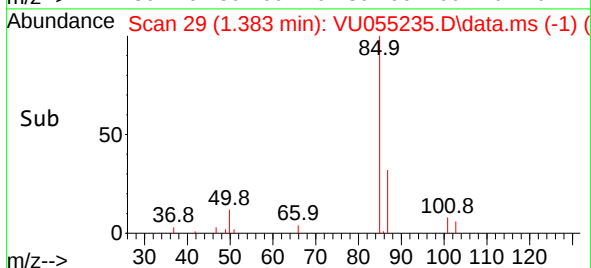
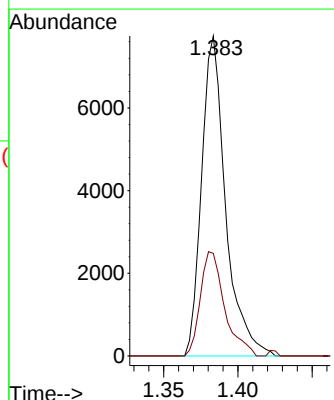
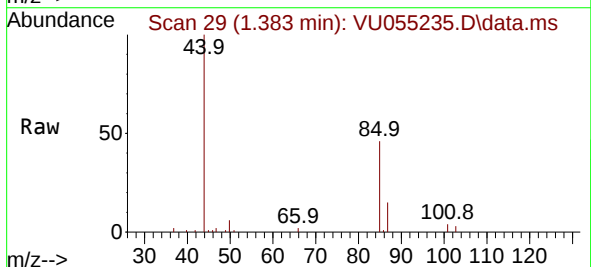
Manual Integrations
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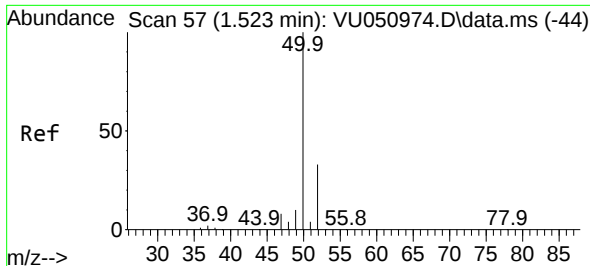
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#2
Dichlorodifluoromethane
Concen: 0.464 ug/l
RT: 1.383 min Scan# 29
Delta R.T. -0.002 min
Lab File: VU055235.D
Acq: 11 Sep 2023 15:14

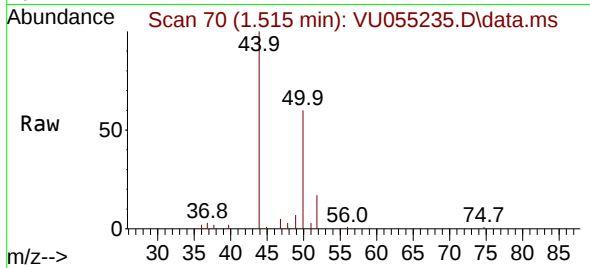
Tgt Ion: 85 Resp: 8698
Ion Ratio Lower Upper
85 100
87 32.0 16.2 48.6





#3
Chloromethane
Concen: 0.482 ug/l
RT: 1.515 min Scan# 70
Delta R.T. -0.008 min
Lab File: VU055235.D
Acq: 11 Sep 2023 15:14

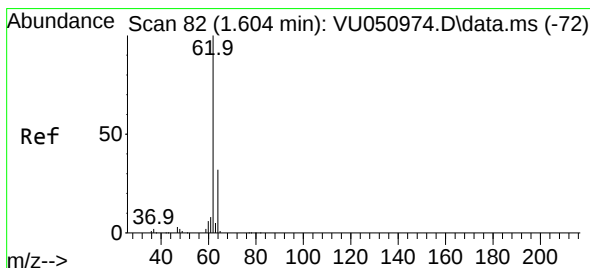
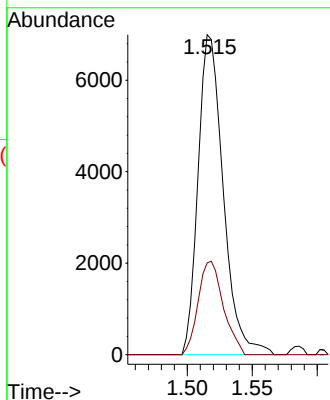
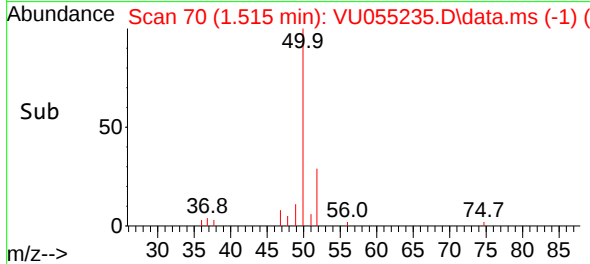
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



Tgt Ion: 50 Resp: 944
Ion Ratio Lower Upper
50 100
52 28.7 26.6 40.0

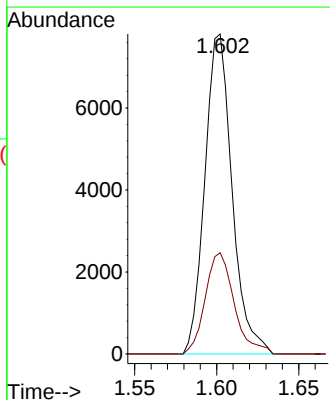
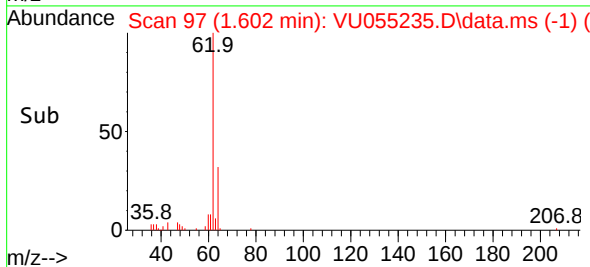
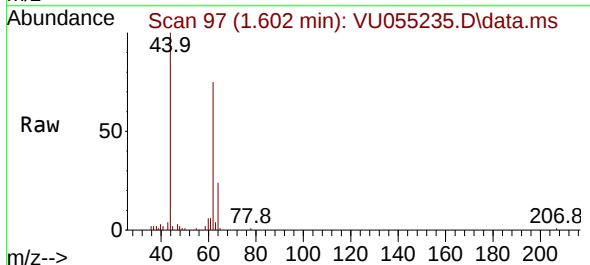
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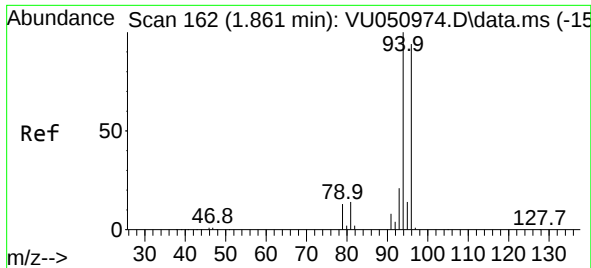
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#4
Vinyl Chloride
Concen: 0.439 ug/l
RT: 1.602 min Scan# 97
Delta R.T. -0.002 min
Lab File: VU055235.D
Acq: 11 Sep 2023 15:14

Tgt Ion: 62 Resp: 9010
Ion Ratio Lower Upper
62 100
64 31.7 25.4 38.2





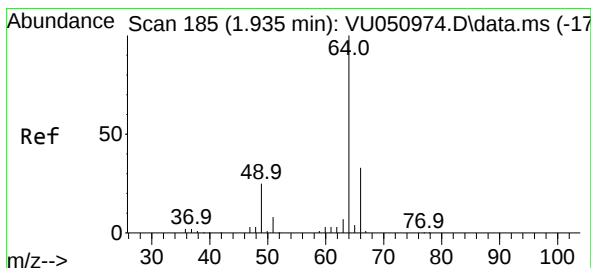
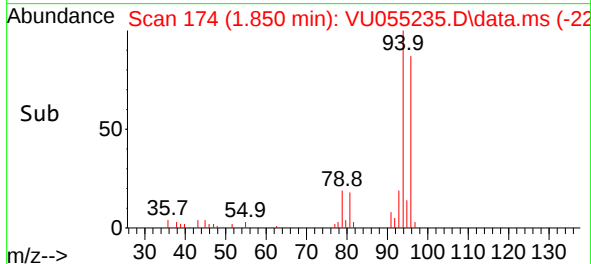
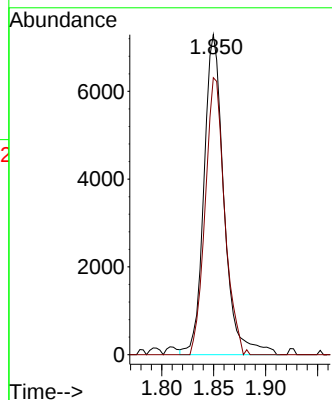
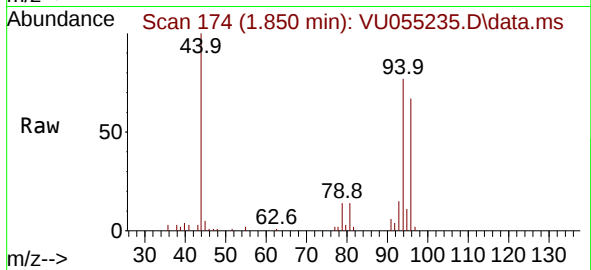
#5
Bromomethane
Concen: 0.602 ug/l
RT: 1.850 min Scan# 11
Delta R.T. -0.011 min
Lab File: VU055235.D
Acq: 11 Sep 2023 15:14

Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

Tgt Ion: 94 Resp: 974
Ion Ratio Lower Upper
94 100
96 86.5 75.4 113.2

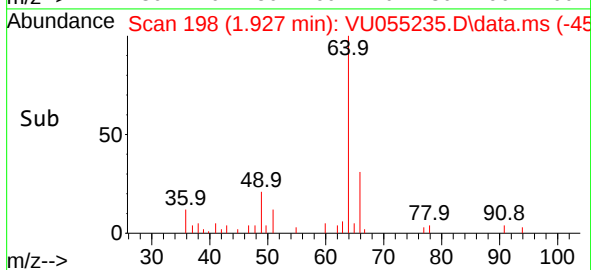
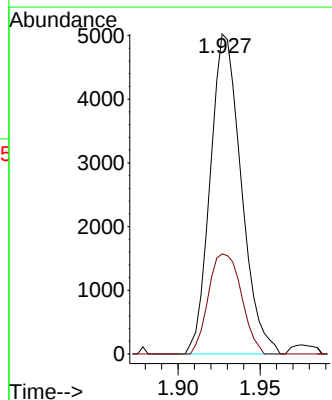
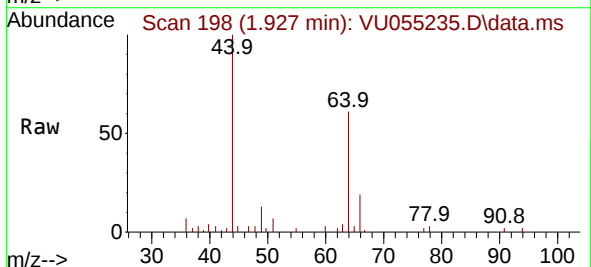
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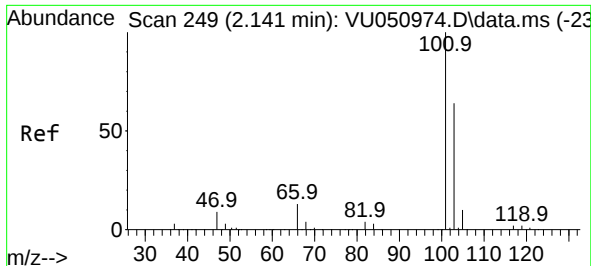
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#6
Chloroethane
Concen: 0.507 ug/l
RT: 1.927 min Scan# 198
Delta R.T. -0.008 min
Lab File: VU055235.D
Acq: 11 Sep 2023 15:14

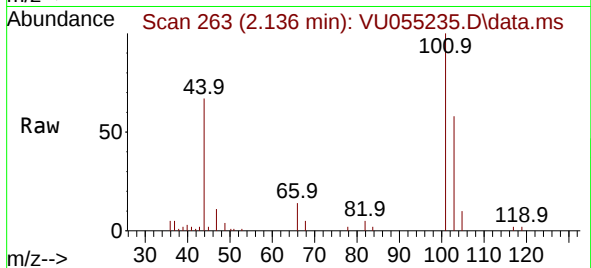
Tgt Ion: 64 Resp: 6592
Ion Ratio Lower Upper
64 100
66 33.5 26.0 39.0





#7
Trichlorofluoromethane
Concen: 0.496 ug/l
RT: 2.136 min Scan# 20
Delta R.T. -0.005 min
Lab File: VU055235.D
Acq: 11 Sep 2023 15:14

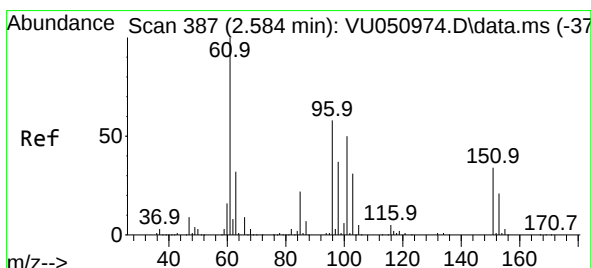
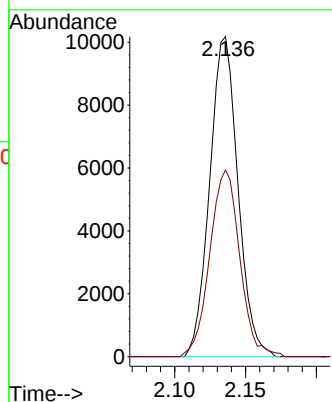
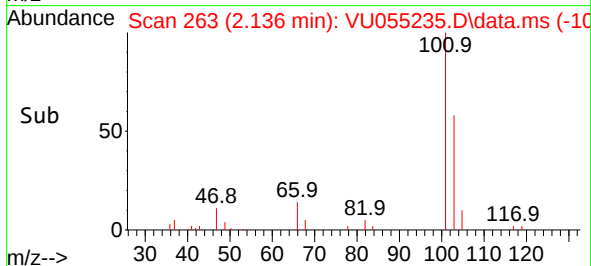
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ClientSampleId :
RL-CHECK



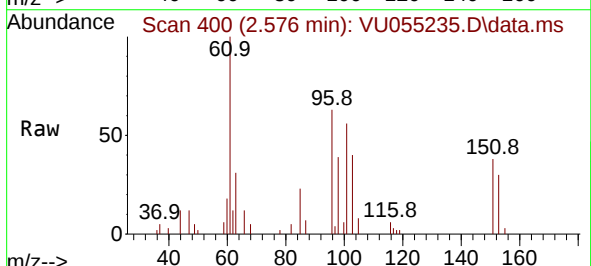
Tgt Ion:101 Resp: 14139
Ion Ratio Lower Upper
101 100
103 58.3 51.4 77.0

Manual Integrations
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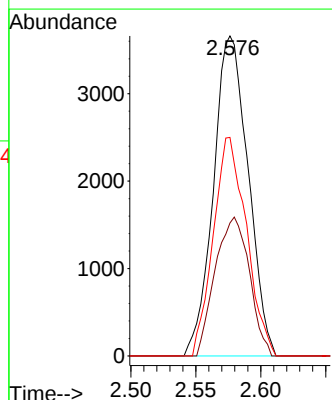
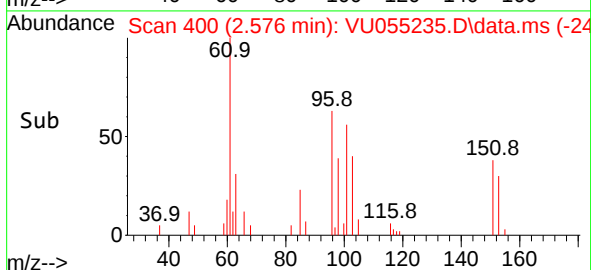
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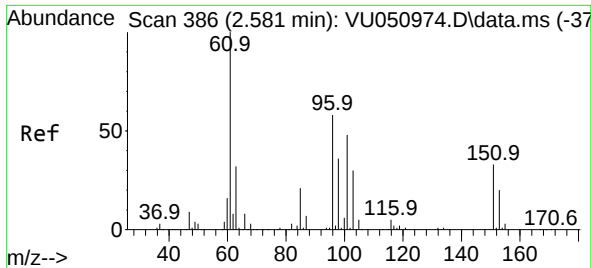


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.471 ug/l
RT: 2.576 min Scan# 400
Delta R.T. -0.008 min
Lab File: VU055235.D
Acq: 11 Sep 2023 15:14



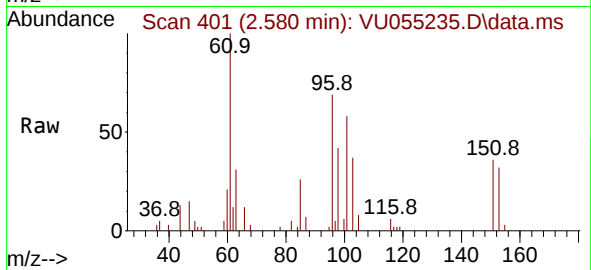
Tgt Ion:101 Resp: 6805
Ion Ratio Lower Upper
101 100
85 42.8 35.4 53.0
151 65.2 54.0 81.0





#9
1,1-Dichloroethene
Concen: 0.495 ug/l
RT: 2.580 min Scan# 401
Delta R.T. -0.001 min
Lab File: VU055235.D
Acq: 11 Sep 2023 15:14

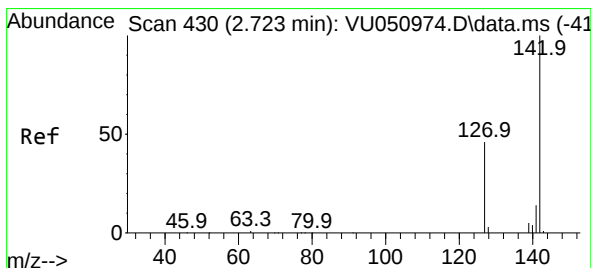
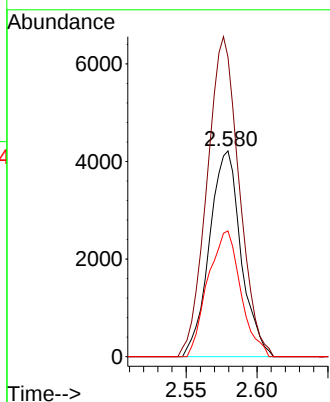
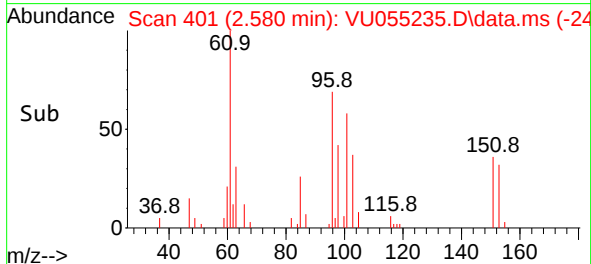
Instrument :
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ClientSampleId :
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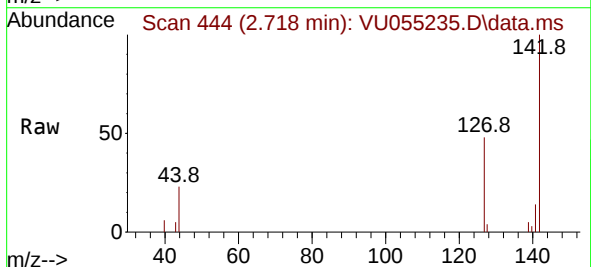
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Ion Ratio Lower Upper
96 100
61 145.7 0.0 521.4
98 61.1 0.0 125.8

Manual Integrations
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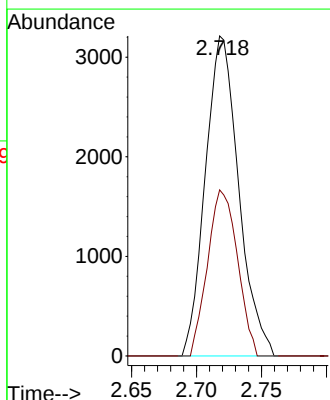
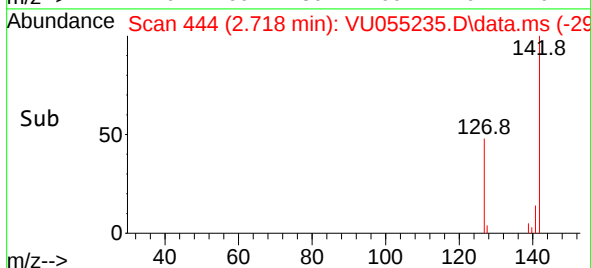
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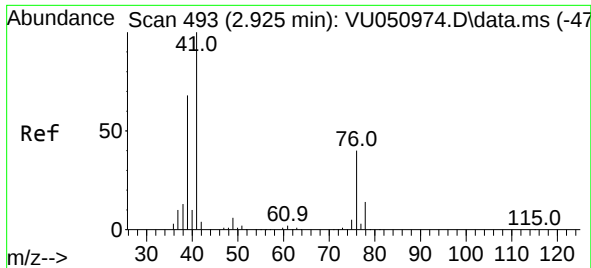


#10
Iodomethane
Concen: 0.338 ug/l
RT: 2.718 min Scan# 444
Delta R.T. -0.005 min
Lab File: VU055235.D
Acq: 11 Sep 2023 15:14



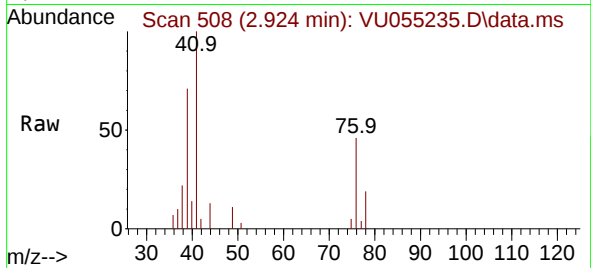
Tgt Ion:142 Resp: 5734
Ion Ratio Lower Upper
142 100
127 46.4 35.9 53.9





#11
 Allyl Chloride
 Concen: 0.466 ug/l
 RT: 2.924 min Scan# 508
 Delta R.T. -0.001 min
 Lab File: VU055235.D
 Acq: 11 Sep 2023 15:14

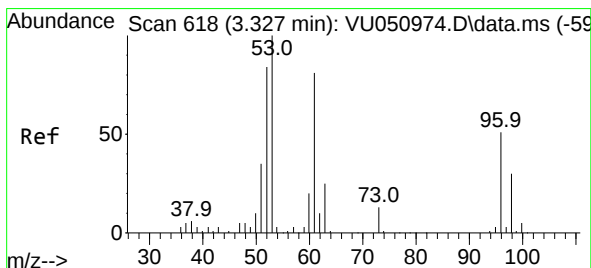
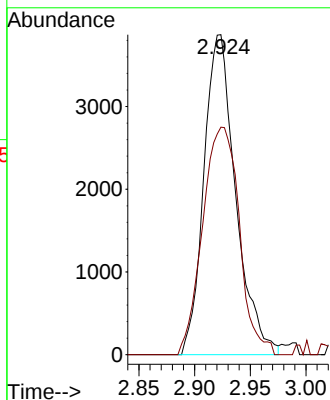
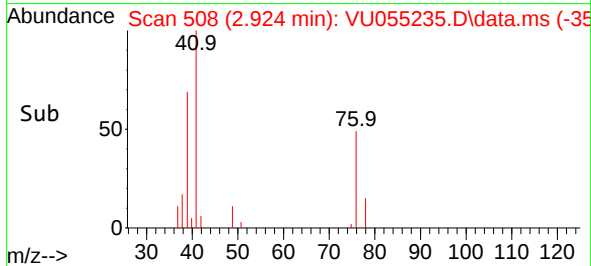
Instrument :
 MSVOA_U
 ClientSampleId :
 RL-CHECK



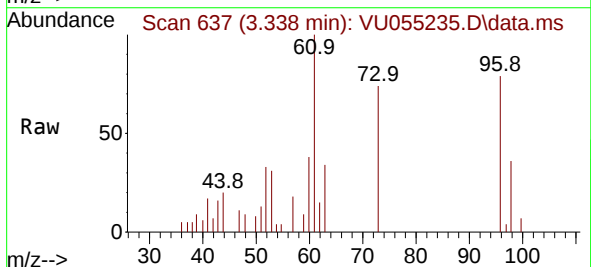
Tgt Ion: 41 Resp: 7694
 Ion Ratio Lower Upper
 41 100
 39 81.7 54.2 81.2

Manual Integrations
 APPROVED

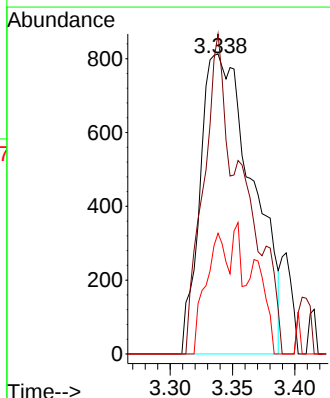
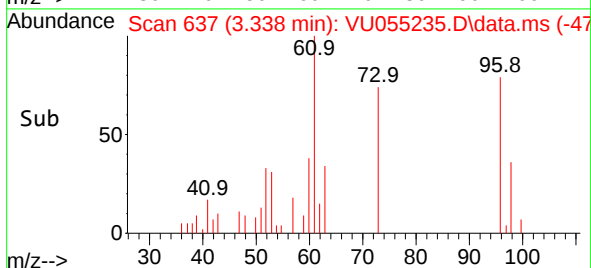
Reviewed By :John Carlone 09/12/2023
 Supervised By :Mahesh Dadoda 09/12/2023

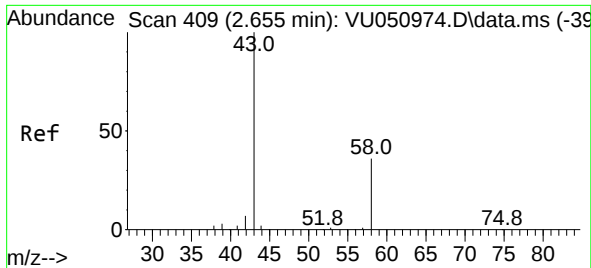


#12
 Acrylonitrile
 Concen: 0.948 ug/l
 RT: 3.338 min Scan# 637
 Delta R.T. 0.011 min
 Lab File: VU055235.D
 Acq: 11 Sep 2023 15:14



Tgt Ion: 53 Resp: 2379
 Ion Ratio Lower Upper
 53 100
 52 51.3 62.9 94.3#
 51 17.1 27.8 41.6#





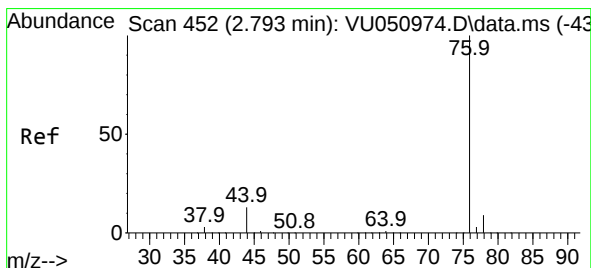
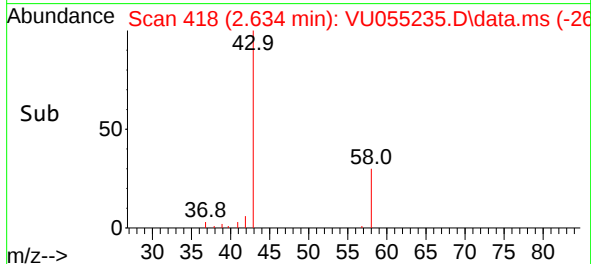
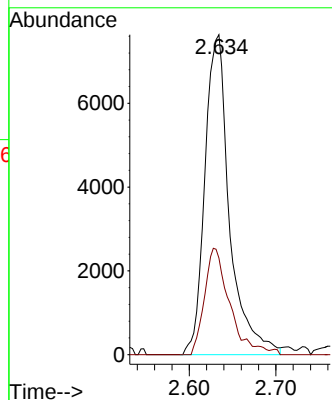
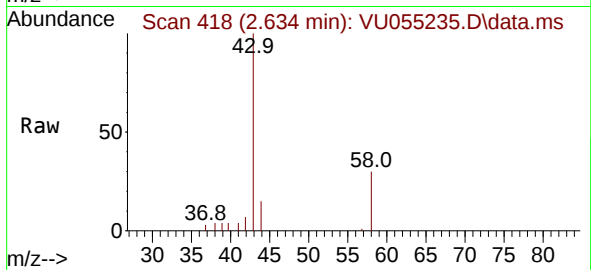
#13
Acetone
Concen: 3.472 ug/l
RT: 2.634 min Scan# 418
Delta R.T. -0.021 min
Lab File: VU055235.D
Acq: 11 Sep 2023 15:14

Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

Tgt Ion: 43 Resp: 15104
Ion Ratio Lower Upper
43 100
58 30.2 29.0 43.4

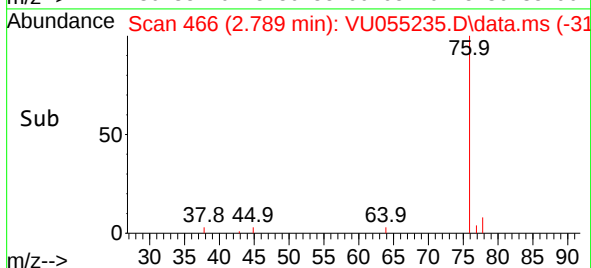
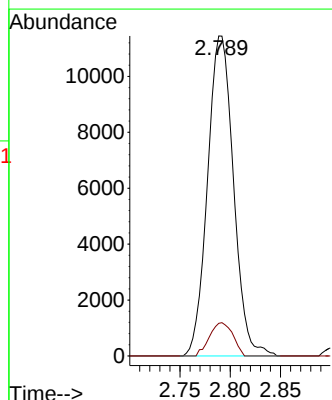
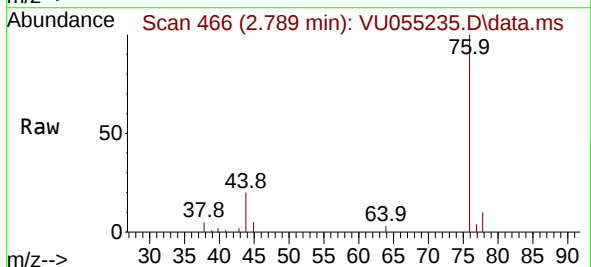
Manual Integrations
APPROVED

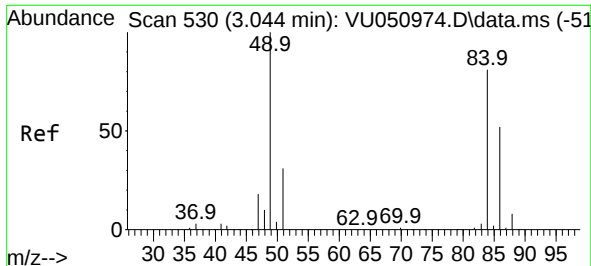
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#14
Carbon Disulfide
Concen: 0.481 ug/l
RT: 2.789 min Scan# 466
Delta R.T. -0.004 min
Lab File: VU055235.D
Acq: 11 Sep 2023 15:14

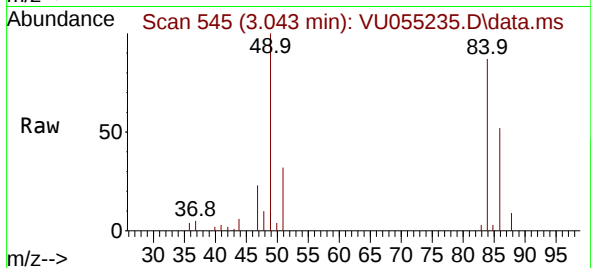
Tgt Ion: 76 Resp: 20582
Ion Ratio Lower Upper
76 100
78 10.2 7.4 11.0





#15
Methylene Chloride
Concen: 0.876 ug/l
RT: 3.043 min Scan# 54
Delta R.T. -0.001 min
Lab File: VU055235.D
Acq: 11 Sep 2023 15:14

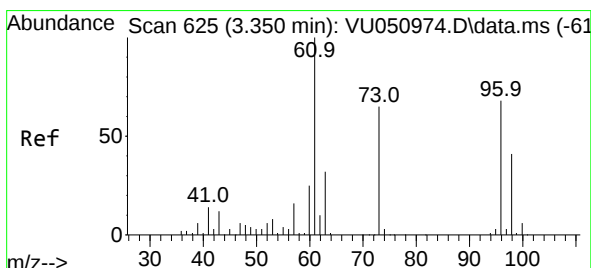
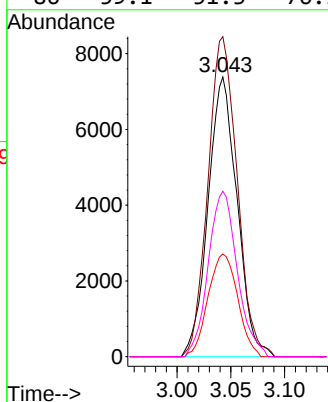
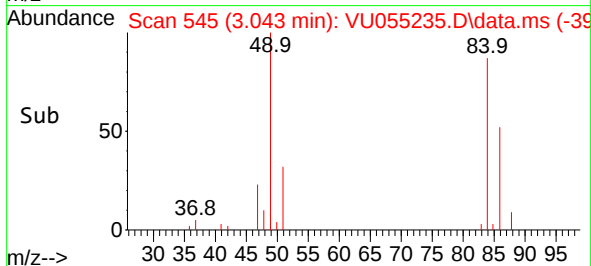
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



Tgt Ion:	84	Resp:	1384
Ion	Ratio	Lower	Upper
84	100		
49	114.4	98.9	148.3
51	36.7	0.0	75.4
86	59.1	51.3	76.9

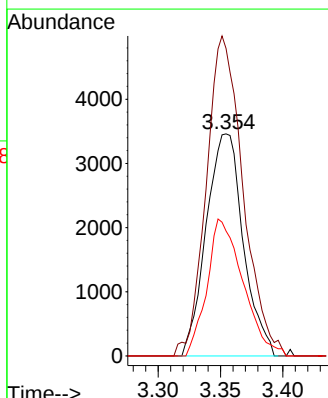
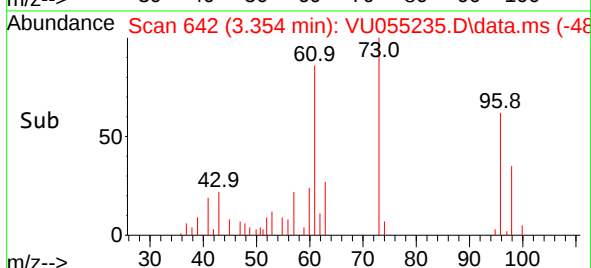
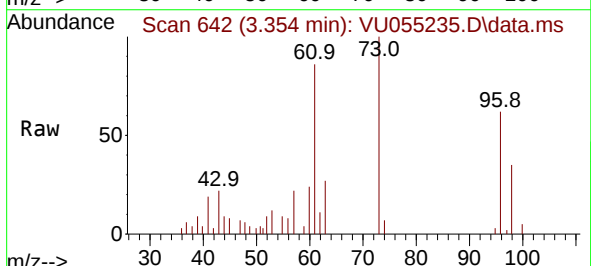
Manual Integrations
APPROVED

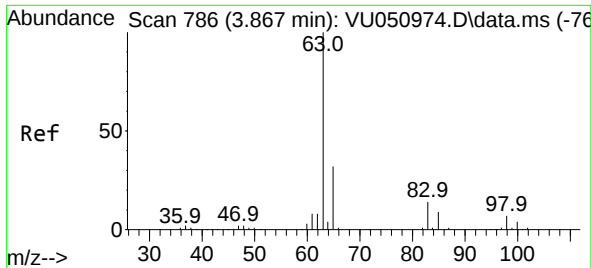
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#16
trans-1,2-Dichloroethene
Concen: 0.454 ug/l
RT: 3.354 min Scan# 642
Delta R.T. 0.004 min
Lab File: VU055235.D
Acq: 11 Sep 2023 15:14

Tgt Ion:	96	Resp:	7147
Ion	Ratio	Lower	Upper
96	100		
61	133.2	117.5	176.3
98	56.3	48.3	72.5





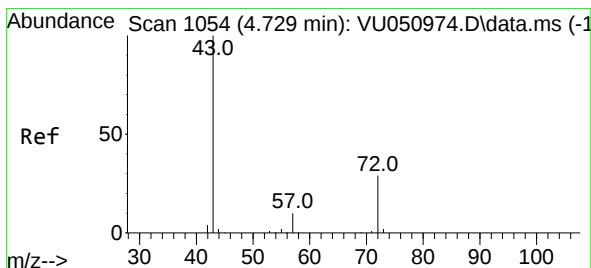
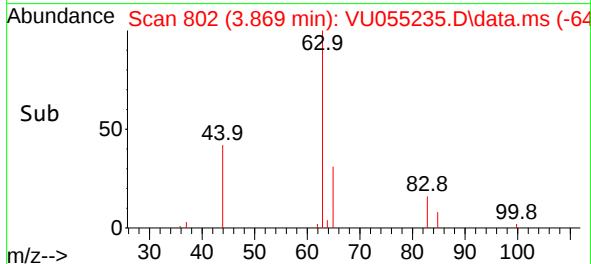
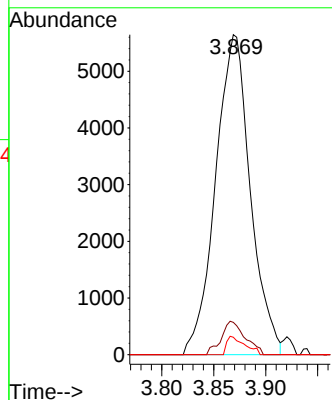
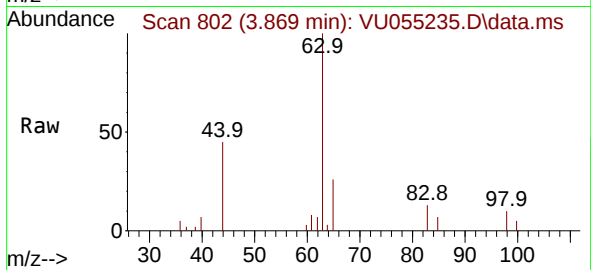
#17
1,1-Dichloroethane
Concen: 0.438 ug/l
RT: 3.869 min Scan# 80
Delta R.T. 0.002 min
Lab File: VU055235.D
Acq: 11 Sep 2023 15:14

Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

Tgt Ion: 63 Resp: 13124
Ion Ratio Lower Upper
63 100
98 10.1 3.4 10.1
100 5.5 2.2 6.6

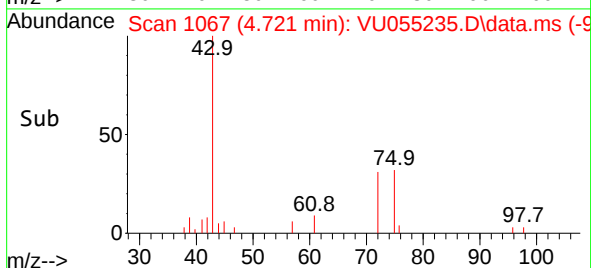
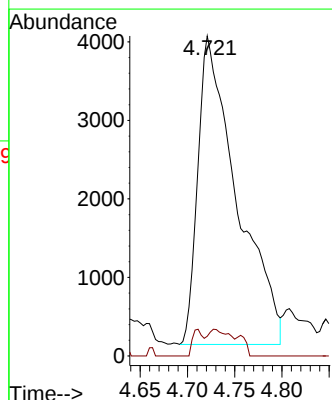
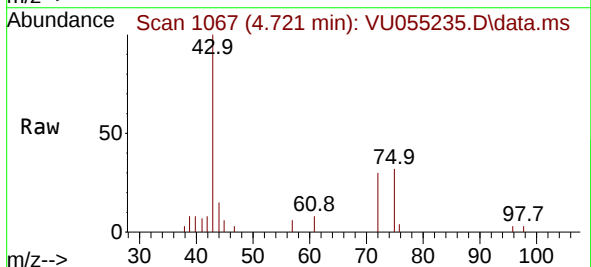
Manual Integrations
APPROVED

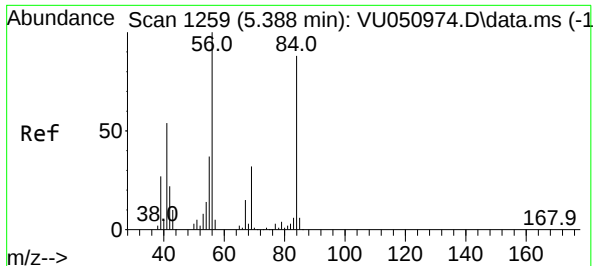
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#18
2-Butanone
Concen: 2.268 ug/l
RT: 4.721 min Scan# 1067
Delta R.T. -0.008 min
Lab File: VU055235.D
Acq: 11 Sep 2023 15:14

Tgt Ion: 43 Resp: 11253
Ion Ratio Lower Upper
43 100
57 6.4 0.0 19.6





#19

Cyclohexane

Concen: 0.441 ug/l

RT: 5.383 min Scan# 11

Delta R.T. -0.005 min

Lab File: VU055235.D

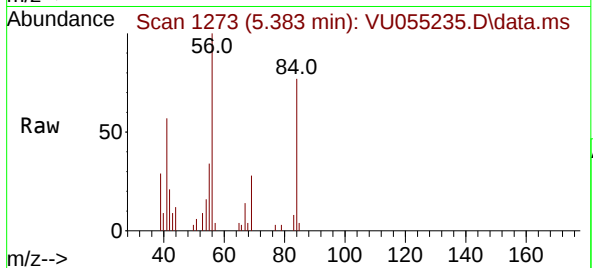
Acq: 11 Sep 2023 15:14

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK



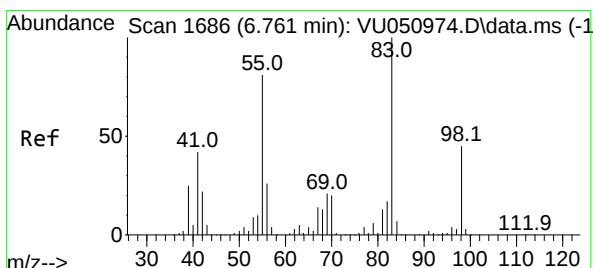
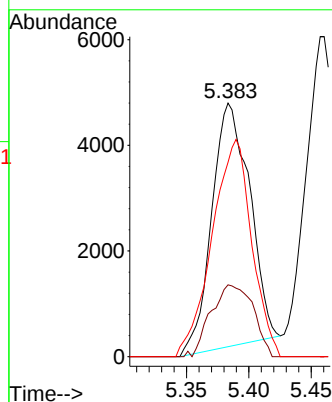
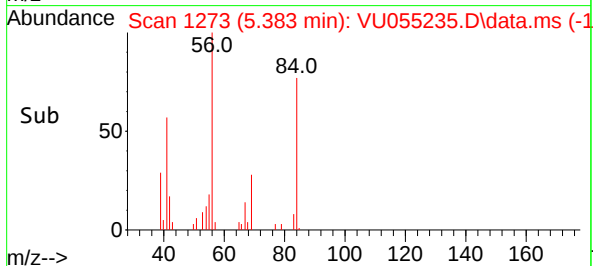
Tgt Ion:	56	Resp:	975
Ion Ratio	Lower	Upper	
56	100		
69	32.8	24.6	37.0
84	93.0	68.4	102.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#20

Methylcyclohexane

Concen: 0.388 ug/l

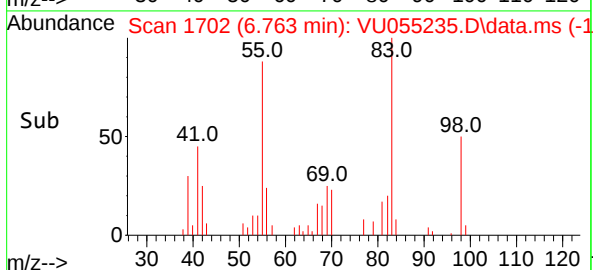
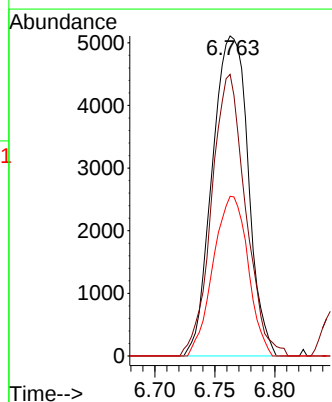
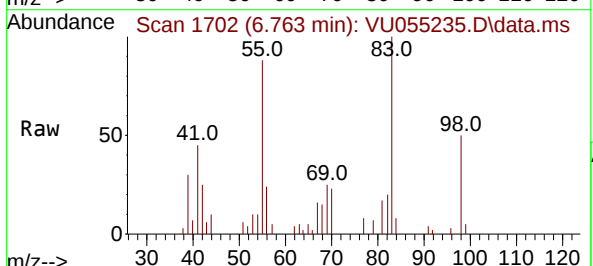
RT: 6.763 min Scan# 1702

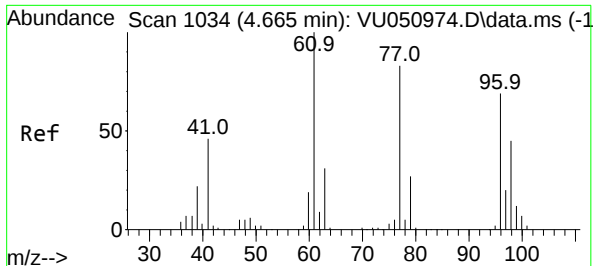
Delta R.T. 0.002 min

Lab File: VU055235.D

Acq: 11 Sep 2023 15:14

Tgt Ion:	83	Resp:	10671
Ion Ratio	Lower	Upper	
83	100		
55	83.0	63.5	95.3
98	48.2	36.0	54.0





#21

2,2-Dichloropropane

Concen: 0.545 ug/l

RT: 4.660 min Scan# 1048

Delta R.T. -0.005 min

Lab File: VU055235.D

Acq: 11 Sep 2023 15:14

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

Tgt Ion: 77 Resp: 1315

Ion Ratio Lower Upper

77 100

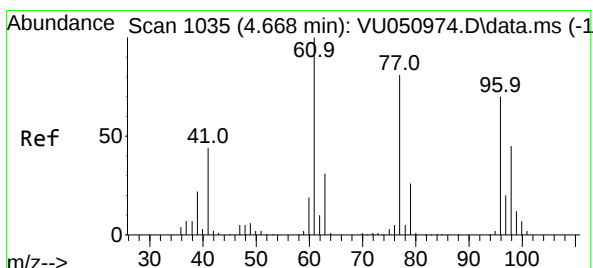
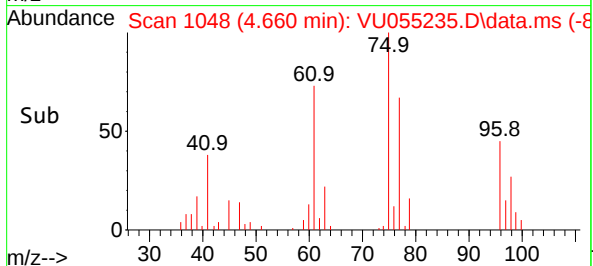
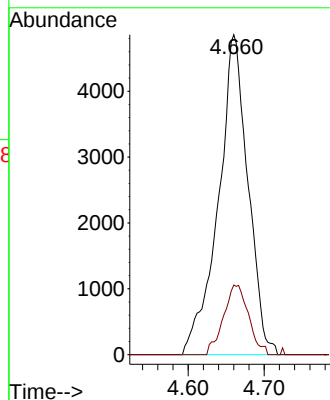
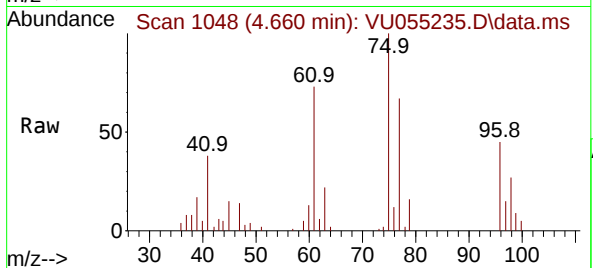
97 18.4 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#22

cis-1,2-Dichloroethene

Concen: 0.455 ug/l

RT: 4.669 min Scan# 1051

Delta R.T. 0.001 min

Lab File: VU055235.D

Acq: 11 Sep 2023 15:14

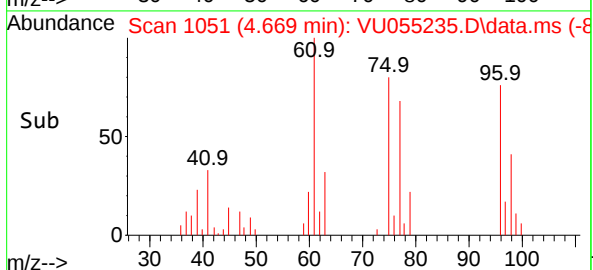
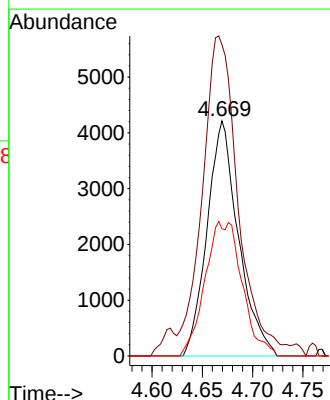
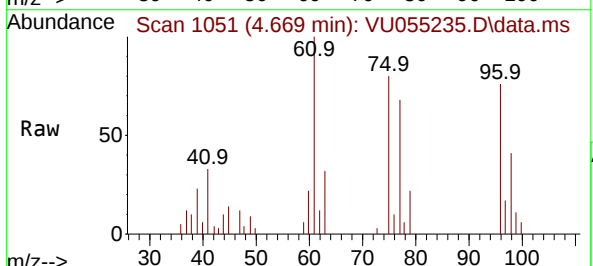
Tgt Ion: 96 Resp: 9154

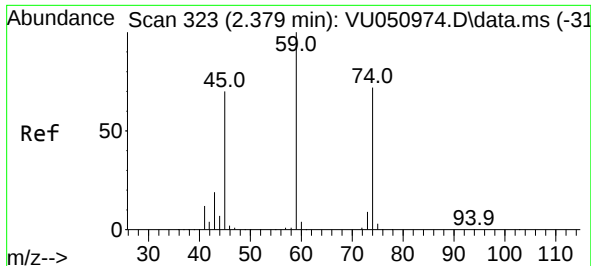
Ion Ratio Lower Upper

96 100

61 146.9 0.0 365.8

98 37.9 32.0 96.0





#23

Diethyl Ether

Concen: 0.533 ug/l

RT: 2.374 min Scan# 31

Delta R.T. -0.005 min

Lab File: VU055235.D

Acq: 11 Sep 2023 15:14

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

Tgt Ion: 59 Resp: 5730

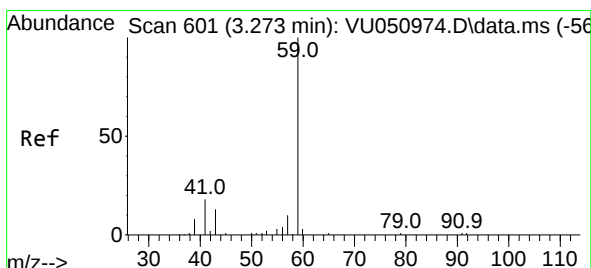
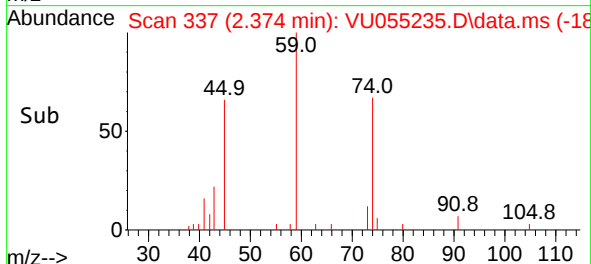
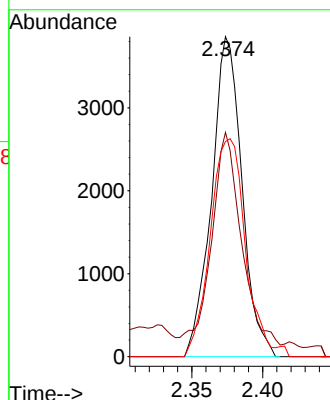
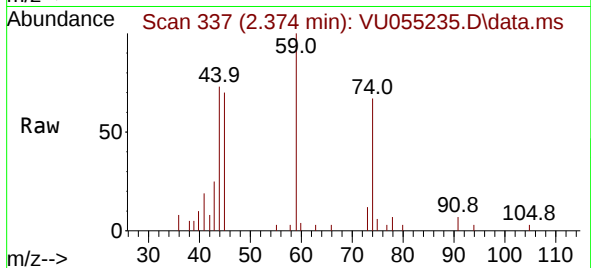
Ion	Ratio	Lower	Upper
59	100		
45	63.0	56.1	84.1
74	79.4	57.4	86.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#24

tert-Butyl Alcohol

Concen: 27.411 ug/l

RT: 3.187 min Scan# 590

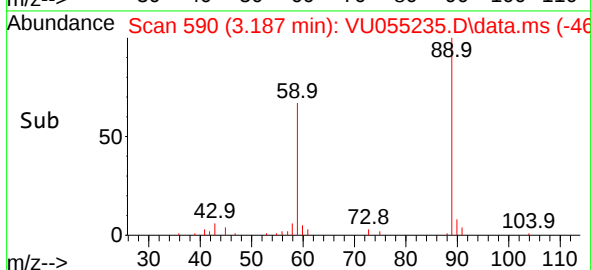
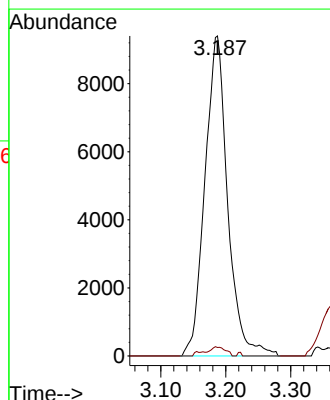
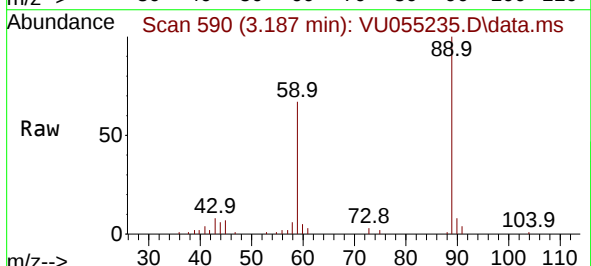
Delta R.T. -0.086 min

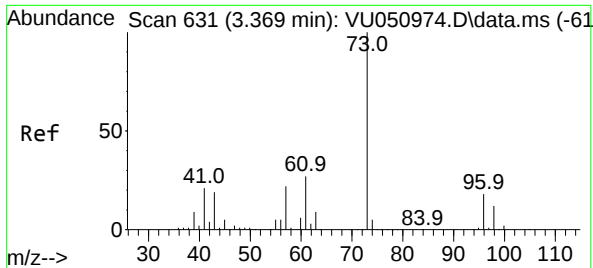
Lab File: VU055235.D

Acq: 11 Sep 2023 15:14

Tgt Ion: 59 Resp: 22918

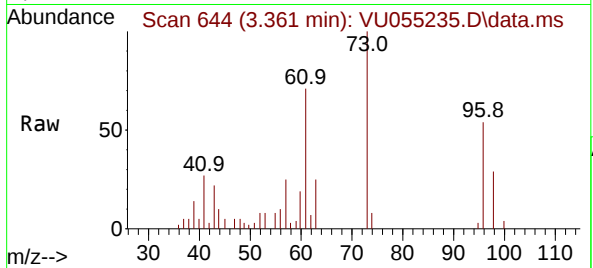
Ion	Ratio	Lower	Upper
59	100		
57	1.9	105.6	158.4#





#25
Methyl tert-Butyl Ether
Concen: 0.481 ug/l
RT: 3.361 min Scan# 644
Delta R.T. -0.008 min
Lab File: VU055235.D
Acq: 11 Sep 2023 15:14

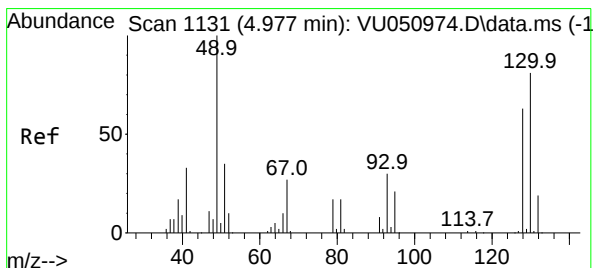
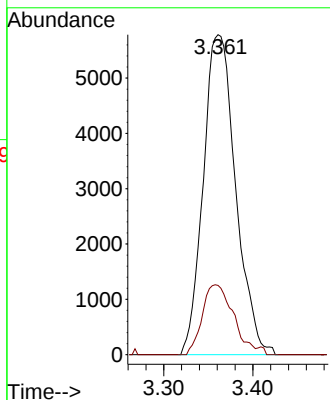
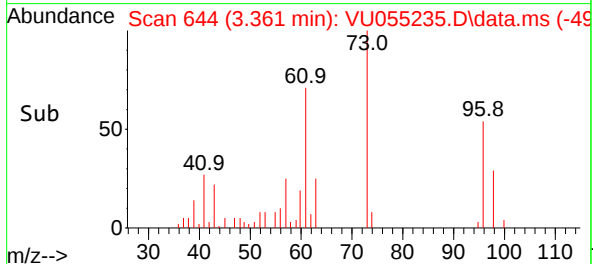
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



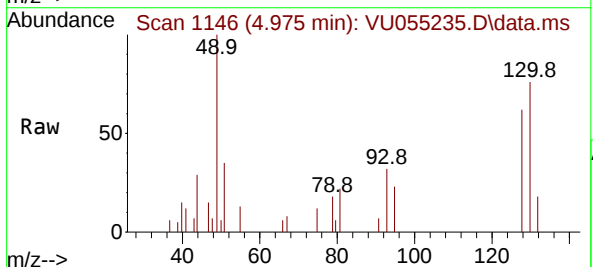
Tgt Ion: 73 Resp: 14628
Ion Ratio Lower Upper
73 100
43 21.3 15.0 22.6

Manual Integrations
APPROVED

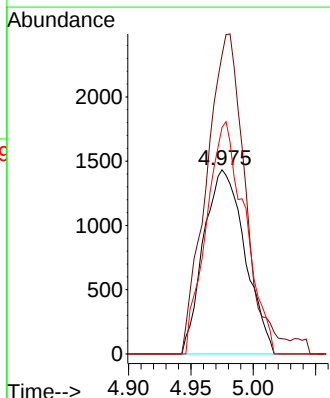
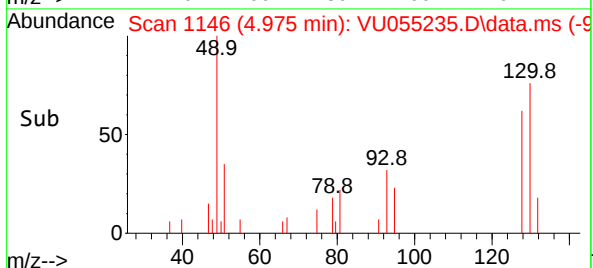
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

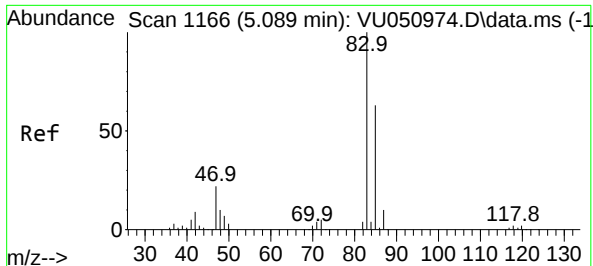


#26
Bromochloromethane
Concen: 0.450 ug/l
RT: 4.975 min Scan# 1146
Delta R.T. -0.002 min
Lab File: VU055235.D
Acq: 11 Sep 2023 15:14



Tgt Ion:128 Resp: 3301
Ion Ratio Lower Upper
128 100
49 163.2 0.0 324.6
130 118.4 103.0 154.4





#27

Chloroform

Concen: 0.453 ug/l

RT: 5.091 min Scan# 1166

Delta R.T. 0.002 min

Lab File: VU055235.D

Acq: 11 Sep 2023 15:14

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

Tgt Ion: 83 Resp: 1437

Ion Ratio Lower Upper

83 100

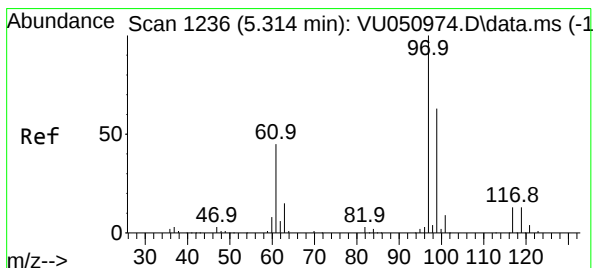
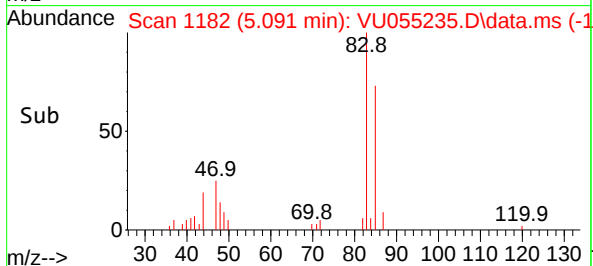
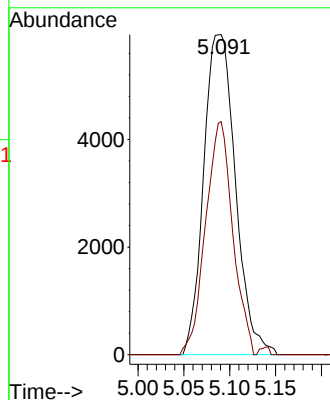
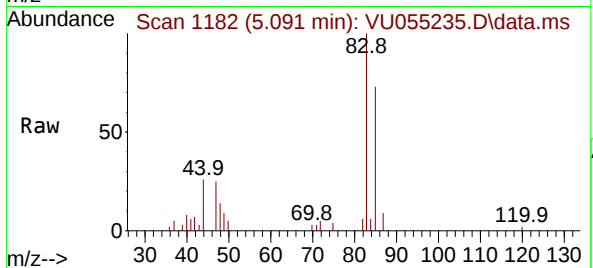
85 72.9 0.0 126.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#28

1,1,1-Trichloroethane

Concen: 0.425 ug/l

RT: 5.316 min Scan# 1252

Delta R.T. 0.002 min

Lab File: VU055235.D

Acq: 11 Sep 2023 15:14

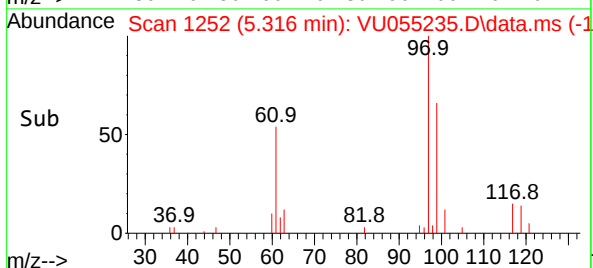
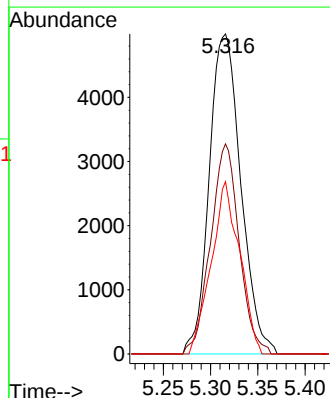
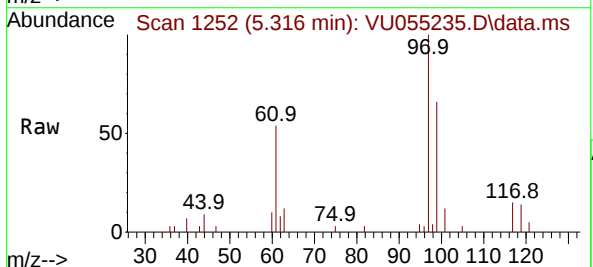
Tgt Ion: 97 Resp: 11608

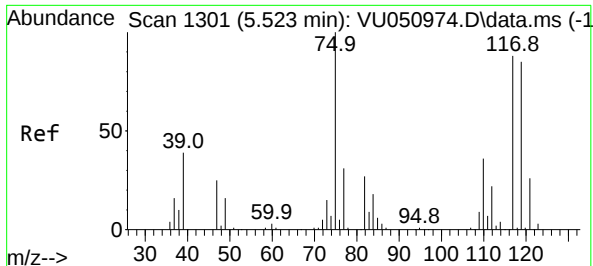
Ion Ratio Lower Upper

97 100

99 59.3 32.0 96.2

61 48.4 22.9 68.5





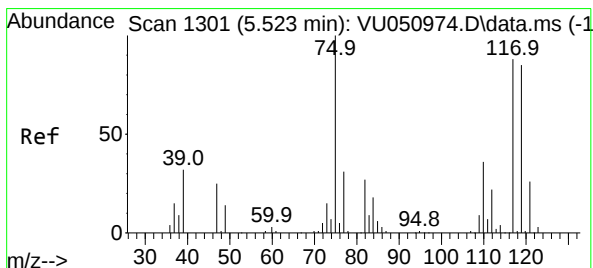
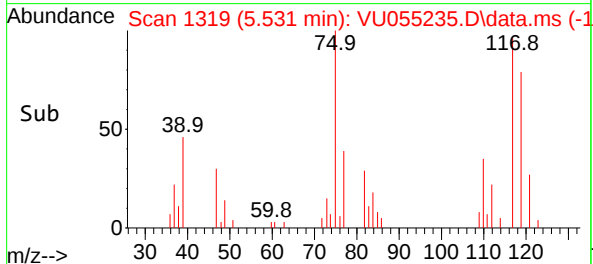
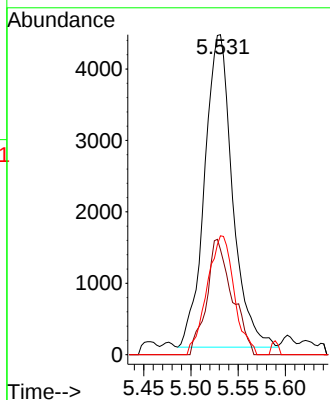
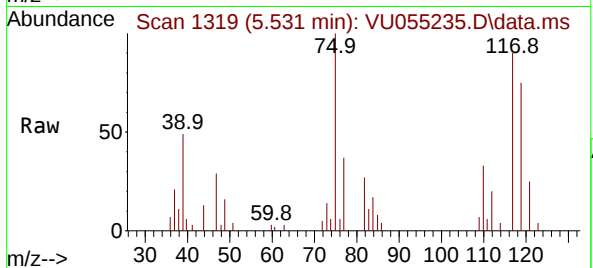
#29
1,1-Dichloropropene
Concen: 0.398 ug/l
RT: 5.531 min Scan# 1319
Delta R.T. 0.008 min
Lab File: VU055235.D
Acq: 11 Sep 2023 15:14

Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

Tgt Ion: 75 Resp: 9009
Ion Ratio Lower Upper
75 100
110 33.4 18.0 54.0
77 36.8 24.7 37.1

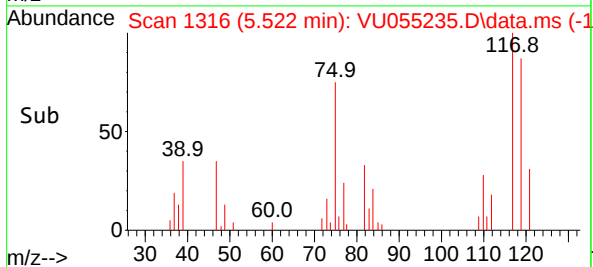
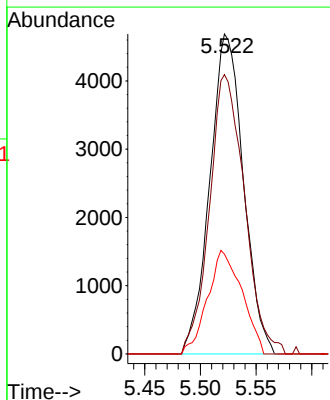
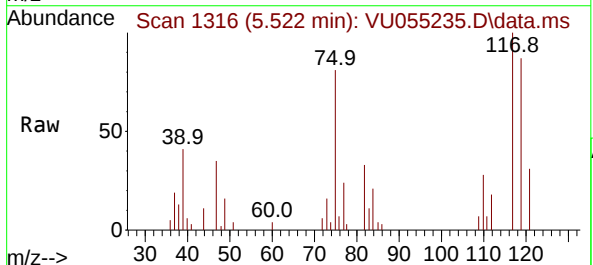
Manual Integrations
APPROVED

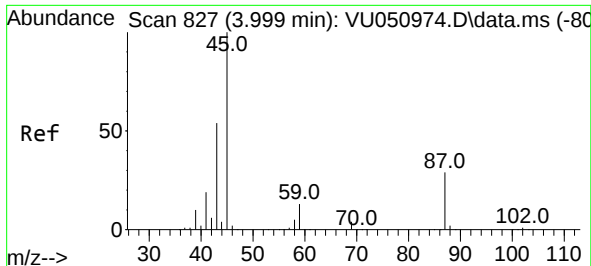
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#30
Carbon Tetrachloride
Concen: 0.414 ug/l
RT: 5.522 min Scan# 1316
Delta R.T. -0.001 min
Lab File: VU055235.D
Acq: 11 Sep 2023 15:14

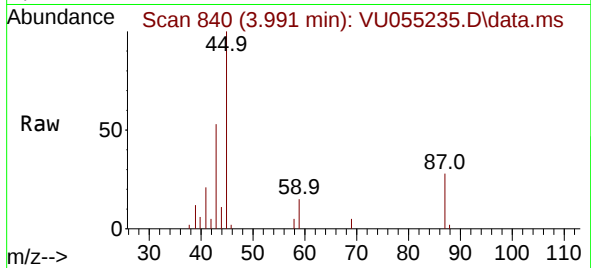
Tgt Ion:117 Resp: 9820
Ion Ratio Lower Upper
117 100
119 87.3 77.4 116.0
121 31.2 24.0 36.0





#31
Isopropyl Ether
Concen: 0.433 ug/l
RT: 3.991 min Scan# 840
Delta R.T. -0.008 min
Lab File: VU055235.D
Acq: 11 Sep 2023 15:14

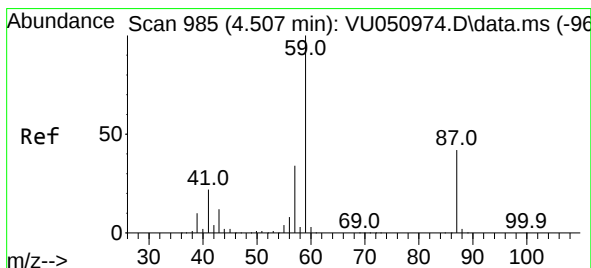
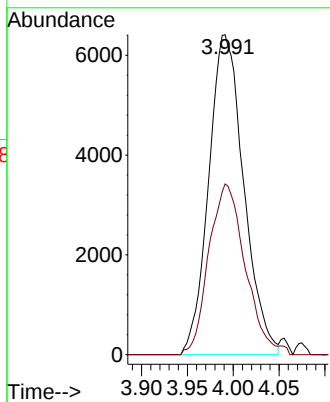
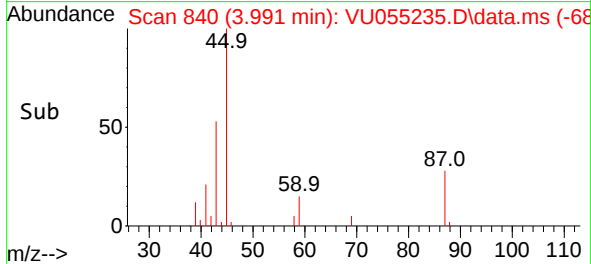
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



Tgt Ion: 45 Resp: 17035
Ion Ratio Lower Upper
45 100
43 55.6 27.5 82.5

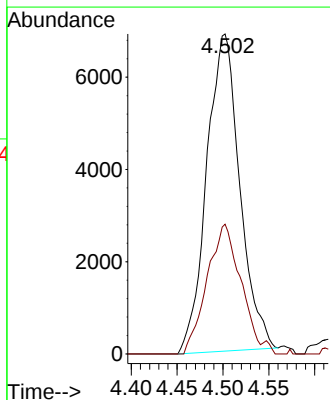
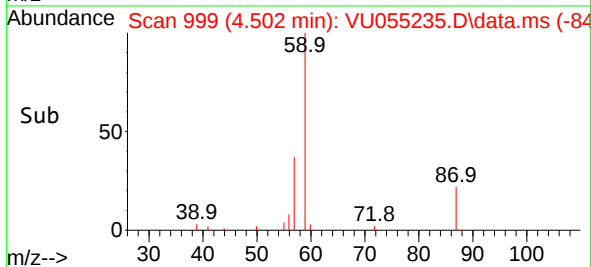
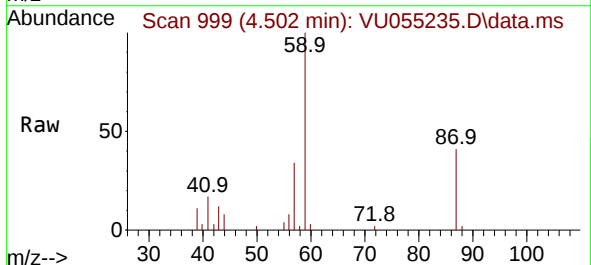
Manual Integrations
APPROVED

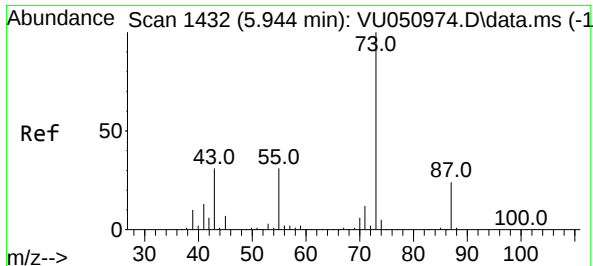
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#32
Ethyl-t-butyl ether
Concen: 0.454 ug/l
RT: 4.502 min Scan# 999
Delta R.T. -0.005 min
Lab File: VU055235.D
Acq: 11 Sep 2023 15:14

Tgt Ion: 59 Resp: 17282
Ion Ratio Lower Upper
59 100
87 38.3 33.5 50.3





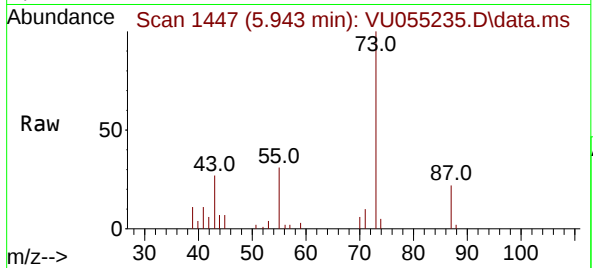
#33
Tert-Amyl methyl ether
Concen: 0.435 ug/l
RT: 5.943 min Scan# 1432
Delta R.T. -0.001 min
Lab File: VU055235.D
Acq: 11 Sep 2023 15:14

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK



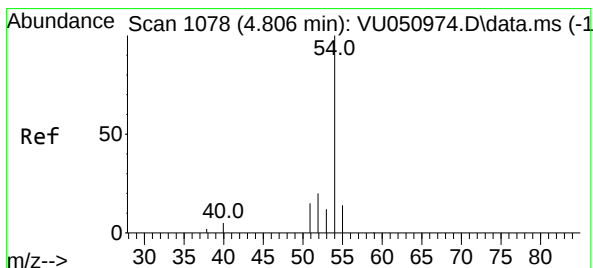
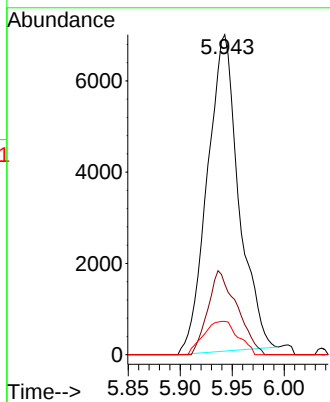
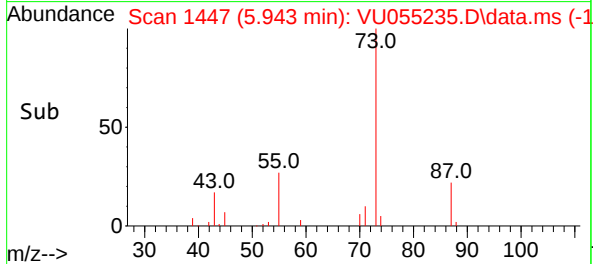
Tgt Ion: 73 Resp: 14589
Ion Ratio Lower Upper
73 100
87 24.6 18.6 28.0
71 11.5 9.9 14.9

Manual Integrations

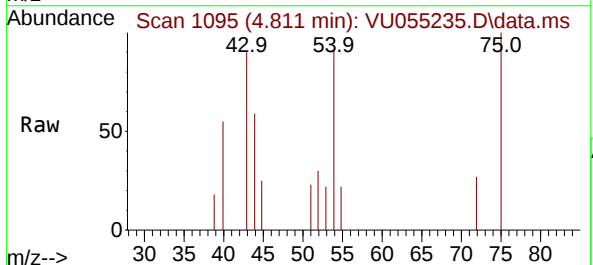
APPROVED

Reviewed By :John Carlone 09/12/2023

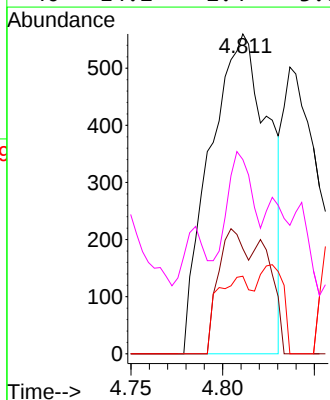
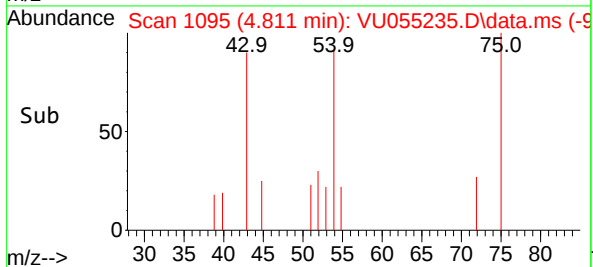
Supervised By :Mahesh Dadoda 09/12/2023

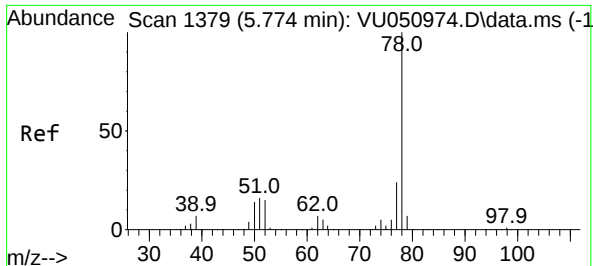


#34
Propionitrile
Concen: 1.384 ug/l
RT: 4.811 min Scan# 1095
Delta R.T. 0.005 min
Lab File: VU055235.D
Acq: 11 Sep 2023 15:14



Tgt Ion: 54 Resp: 1243
Ion Ratio Lower Upper
54 100
52 19.0 17.4 26.0
55 14.7 104.1 156.1#
40 14.2 2.4 3.6#





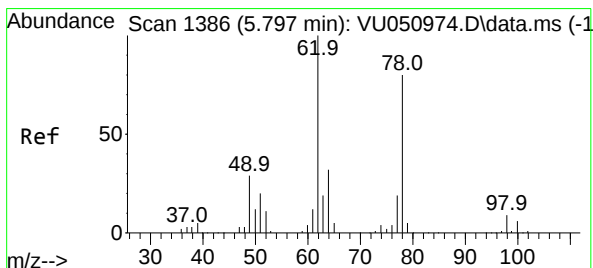
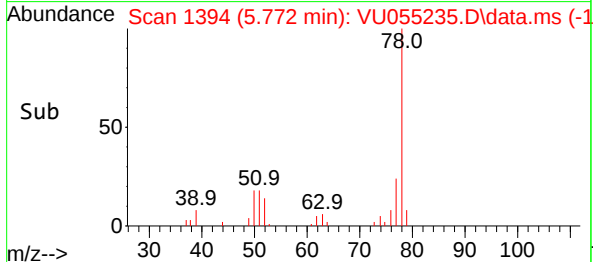
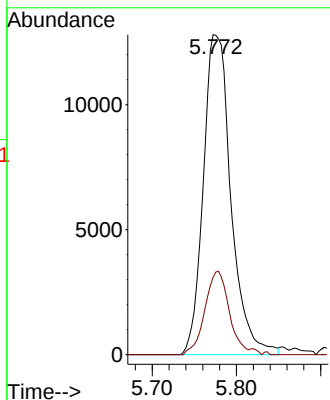
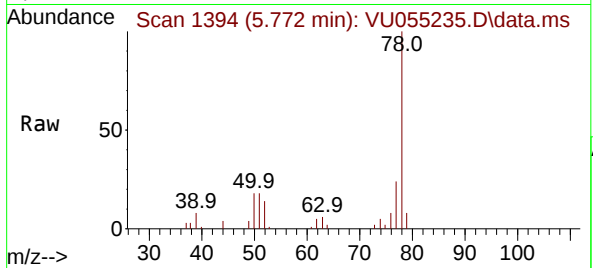
#35
Benzene
Concen: 0.437 ug/l
RT: 5.772 min Scan# 11
Delta R.T. -0.002 min
Lab File: VU055235.D
Acq: 11 Sep 2023 15:14

Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

Tgt Ion: 78 Resp: 2924
Ion Ratio Lower Upper
78 100
77 24.1 18.9 28.3

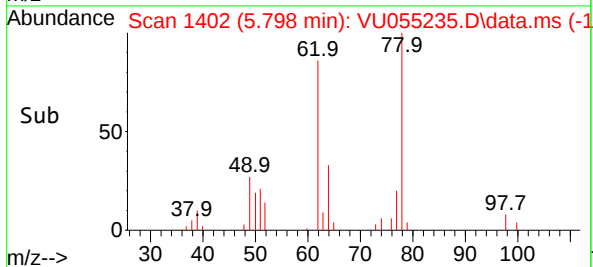
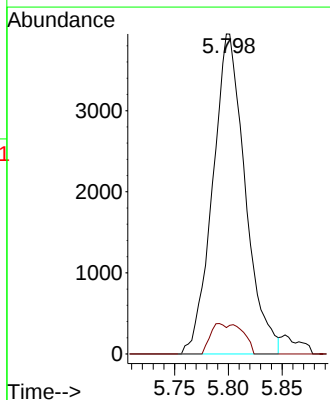
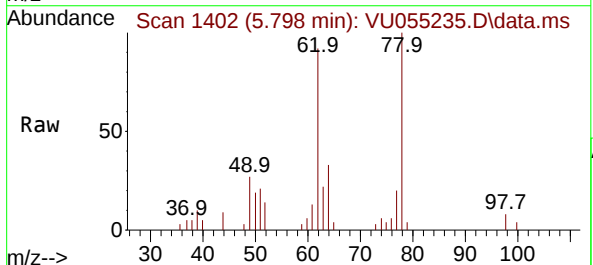
Manual Integrations
APPROVED

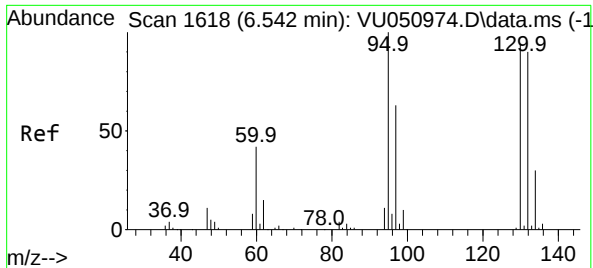
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#36
1,2-Dichloroethane
Concen: 0.444 ug/l
RT: 5.798 min Scan# 1402
Delta R.T. 0.001 min
Lab File: VU055235.D
Acq: 11 Sep 2023 15:14

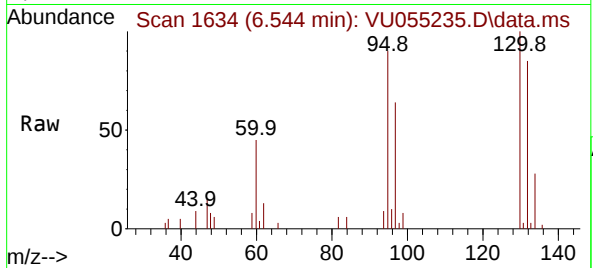
Tgt Ion: 62 Resp: 8294
Ion Ratio Lower Upper
62 100
98 4.7 7.3 10.9#





#37
Trichloroethene
Concen: 0.455 ug/l
RT: 6.544 min Scan# 1712
Delta R.T. 0.002 min
Lab File: VU055235.D
Acq: 11 Sep 2023 15:14

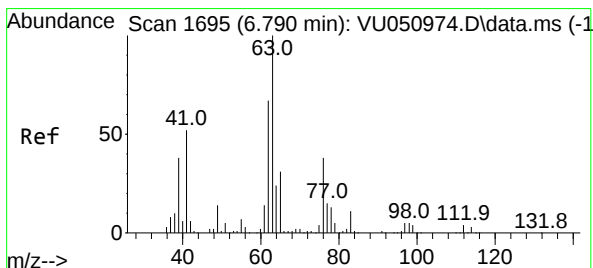
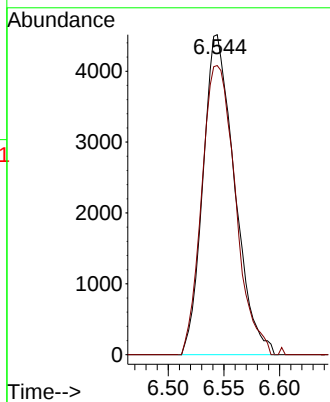
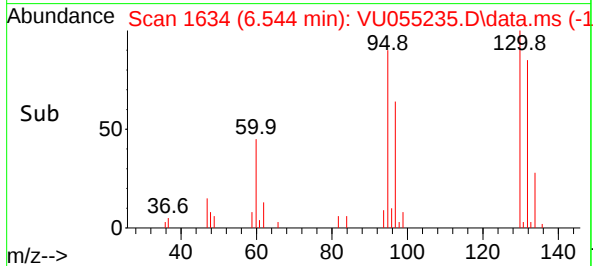
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



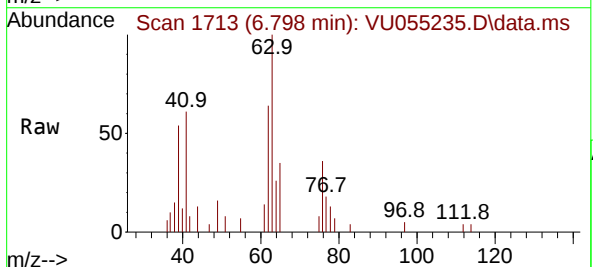
Tgt Ion:130 Resp: 889
Ion Ratio Lower Upper
130 100
95 90.3 85.0 127.6

Manual Integrations
APPROVED

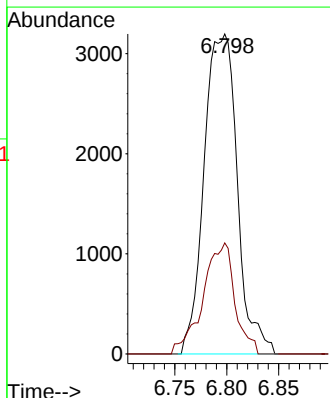
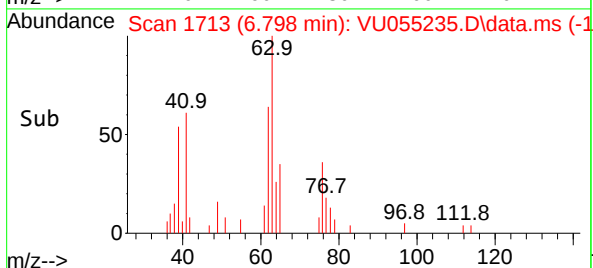
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

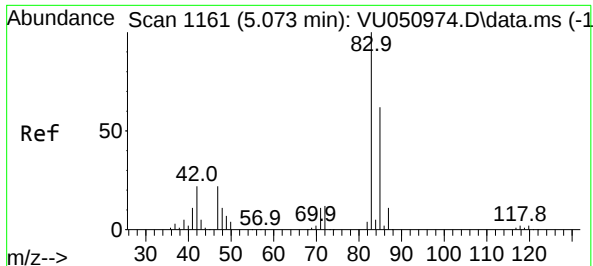


#38
1,2-Dichloropropane
Concen: 0.405 ug/l
RT: 6.798 min Scan# 1713
Delta R.T. 0.008 min
Lab File: VU055235.D
Acq: 11 Sep 2023 15:14



Tgt Ion: 63 Resp: 7102
Ion Ratio Lower Upper
63 100
65 34.7 24.9 37.3





#41

Tetrahydrofuran

Concen: 1.104 ug/l

RT: 5.068 min Scan# 1161

Delta R.T. -0.005 min

Lab File: VU055235.D

Acq: 11 Sep 2023 15:14

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

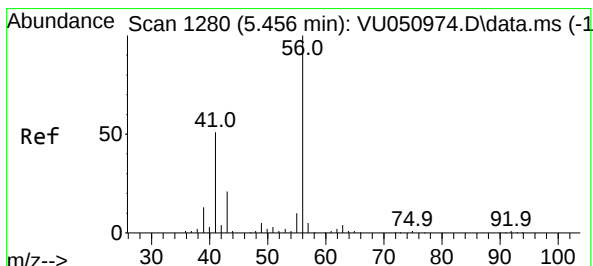
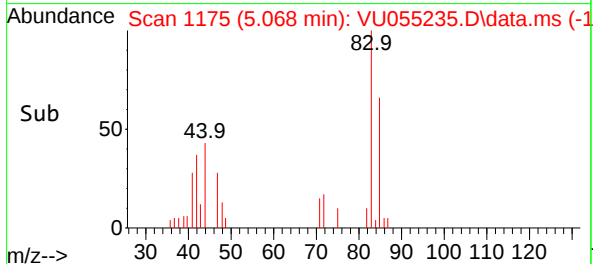
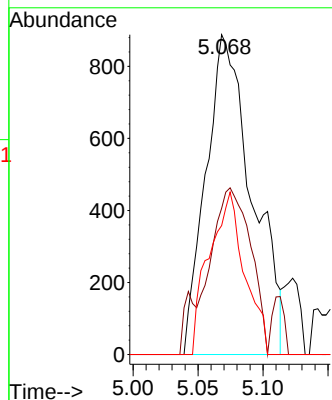
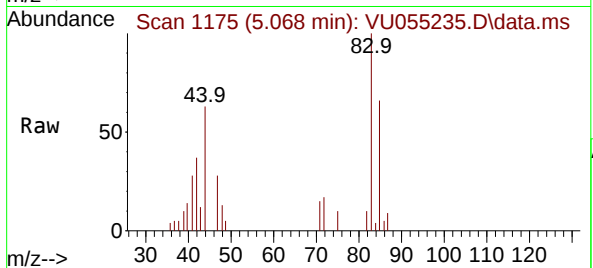
Tgt Ion:	42	Resp:	219
Ion Ratio	Lower	Upper	
42	100		
72	44.4	40.9	61.3
71	39.2	36.9	55.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#42

1-Chlorobutane

Concen: 0.438 ug/l

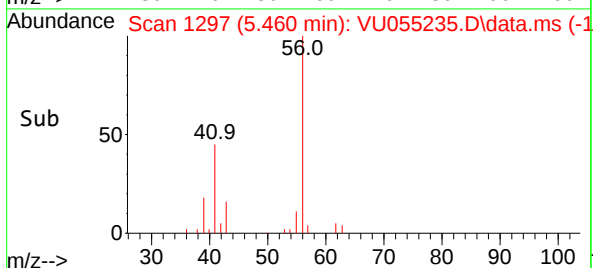
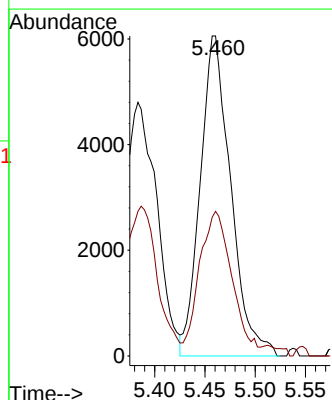
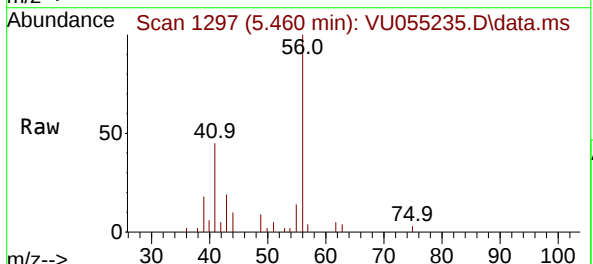
RT: 5.460 min Scan# 1297

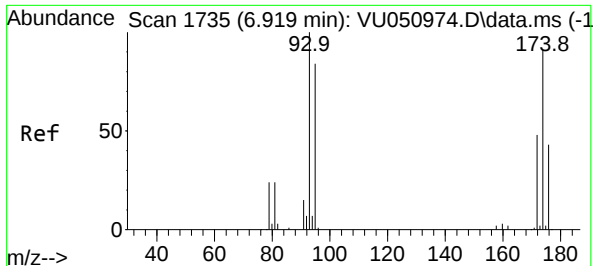
Delta R.T. 0.004 min

Lab File: VU055235.D

Acq: 11 Sep 2023 15:14

Tgt Ion:	56	Resp:	12782
Ion Ratio	Lower	Upper	
56	100		
41	43.7	25.2	75.6





#43

Dibromomethane

Concen: 0.442 ug/l

RT: 6.920 min Scan# 11

Delta R.T. 0.001 min

Lab File: VU055235.D

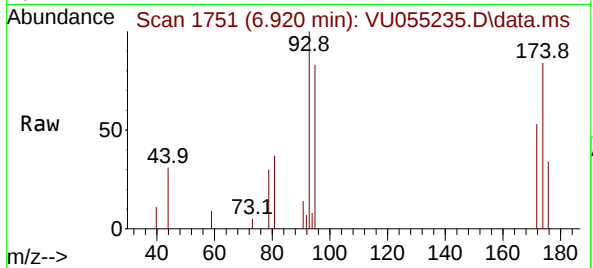
Acq: 11 Sep 2023 15:14

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK



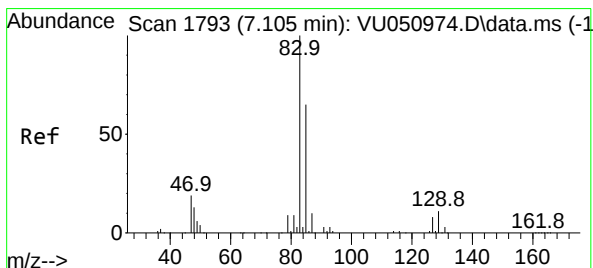
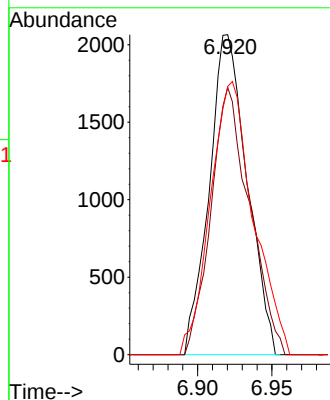
Tgt Ion: 93	Resp: 366
Ion Ratio	Lower Upper
93	100
95	85.5 67.0 100.6
174	96.6 73.8 110.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#44

Bromodichloromethane

Concen: 0.444 ug/l

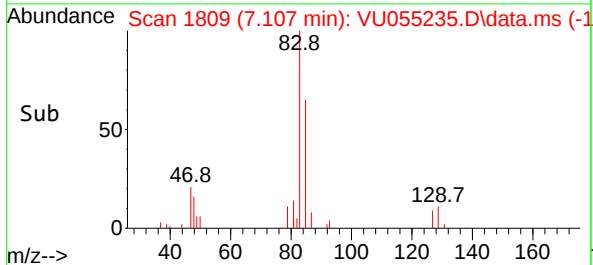
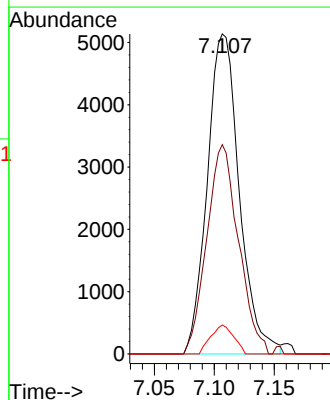
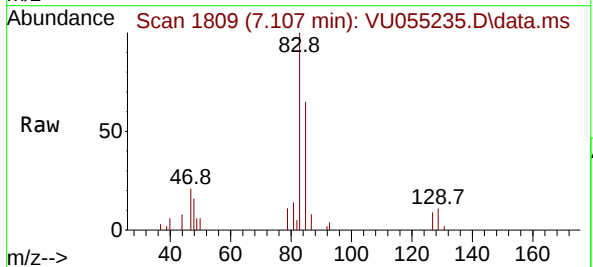
RT: 7.107 min Scan# 1809

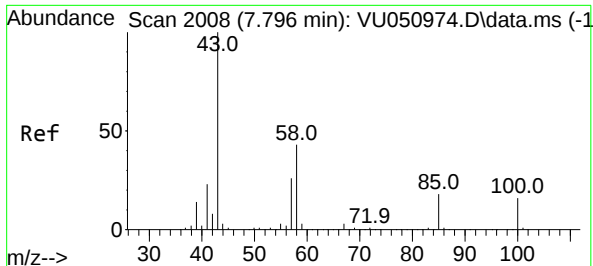
Delta R.T. 0.002 min

Lab File: VU055235.D

Acq: 11 Sep 2023 15:14

Tgt Ion: 83	Resp: 9541
Ion Ratio	Lower Upper
83	100
85	65.4 51.9 77.9
127	9.1 6.7 10.1





#45

4-Methyl-2-Pentanone

Concen: 2.519 ug/l

RT: 7.795 min Scan# 2008

Delta R.T. -0.001 min

Lab File: VU055235.D

Acq: 11 Sep 2023 15:14

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

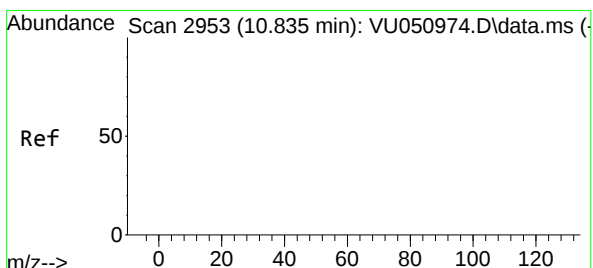
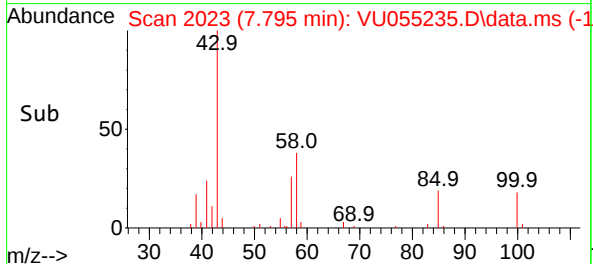
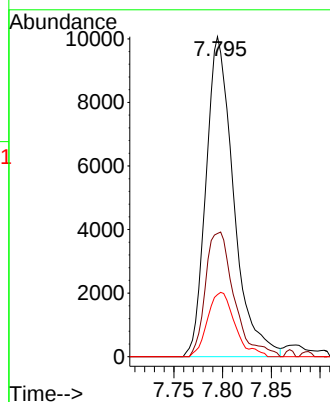
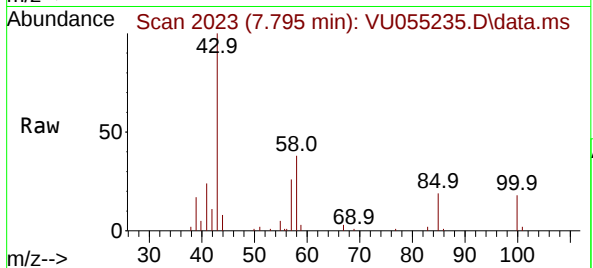
Tgt Ion: 43	Resp: 1982
Ion Ratio	Lower Upper
43 100	
58 40.3	20.9 62.8
85 20.0	14.6 21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#46

t-1,4-Dichloro-2-butene

Concen: 0.657 ug/l m

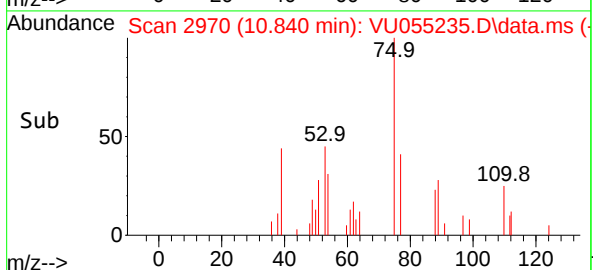
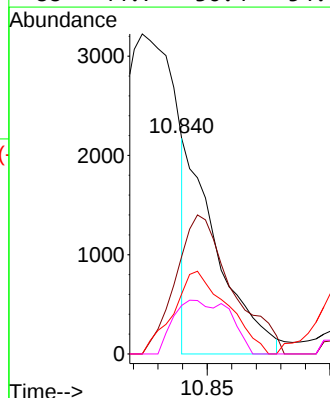
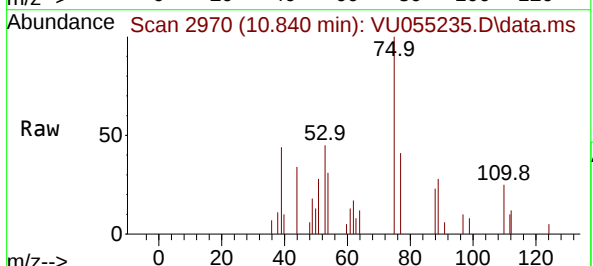
RT: 10.840 min Scan# 2970

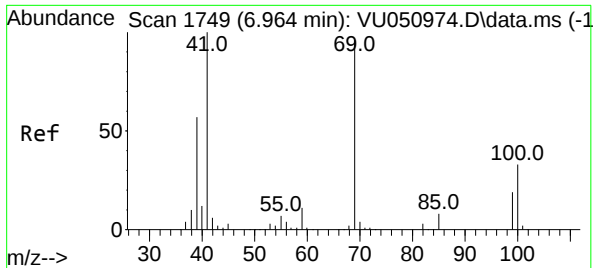
Delta R.T. 0.005 min

Lab File: VU055235.D

Acq: 11 Sep 2023 15:14

Tgt Ion: 75	Resp: 1933
Ion Ratio	Lower Upper
75 100	
53 114.8	73.3 109.9
89 65.9	48.2 72.4
88 44.7	36.4 54.6





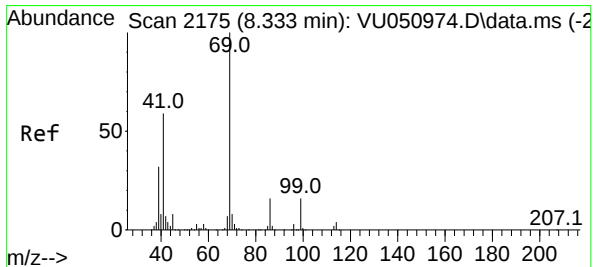
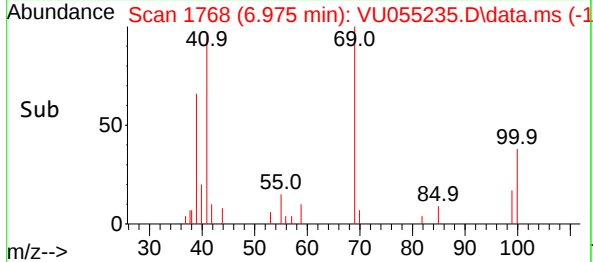
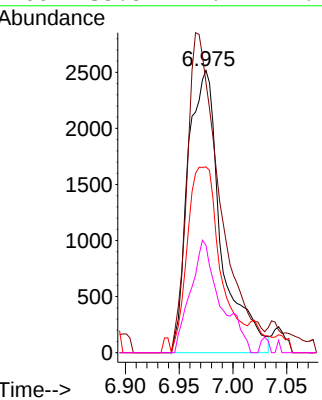
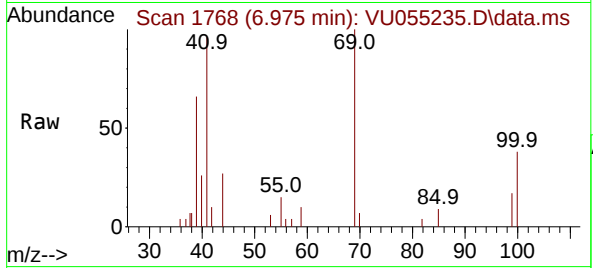
#47
Methyl methacrylate
Concen: 0.847 ug/l
RT: 6.975 min Scan# 1768
Delta R.T. 0.011 min
Lab File: VU055235.D
Acq: 11 Sep 2023 15:14

Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

Tgt Ion: 69 Resp: 5399
Ion Ratio Lower Upper
69 100
41 112.7 0.0 209.2
39 65.6 46.7 70.1
100 35.8 27.4 41.2

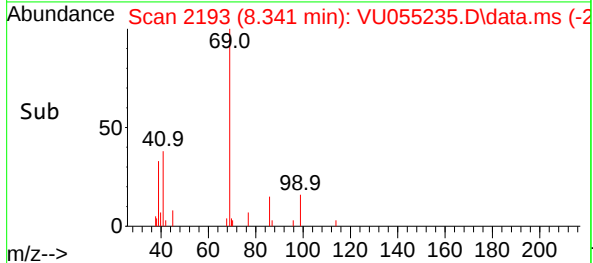
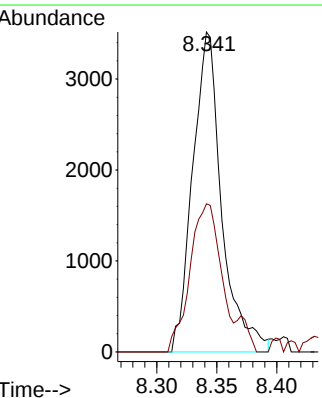
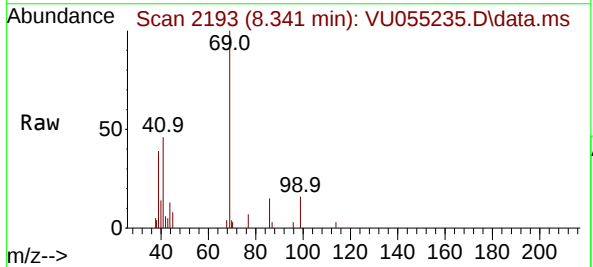
Manual Integrations
APPROVED

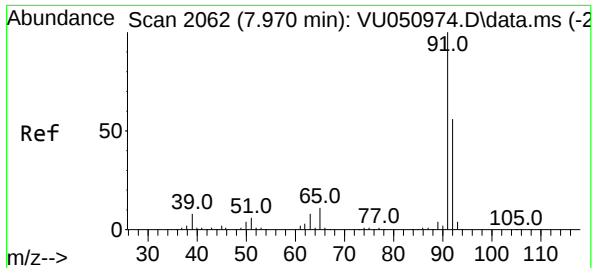
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#48
Ethyl methacrylate
Concen: 0.478 ug/l
RT: 8.341 min Scan# 2193
Delta R.T. 0.008 min
Lab File: VU055235.D
Acq: 11 Sep 2023 15:14

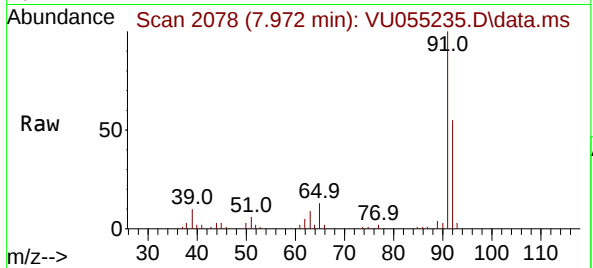
Tgt Ion: 69 Resp: 5917
Ion Ratio Lower Upper
69 100
41 49.0 30.3 90.8





#49
Toluene
Concen: 0.437 ug/l
RT: 7.972 min Scan# 2062
Delta R.T. 0.002 min
Lab File: VU055235.D
Acq: 11 Sep 2023 15:14

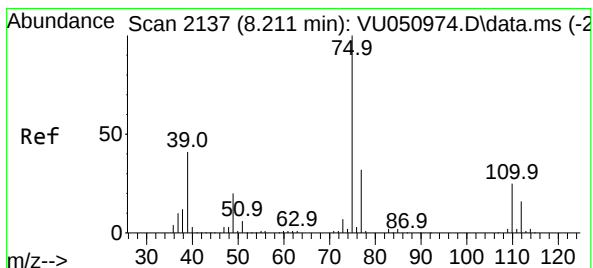
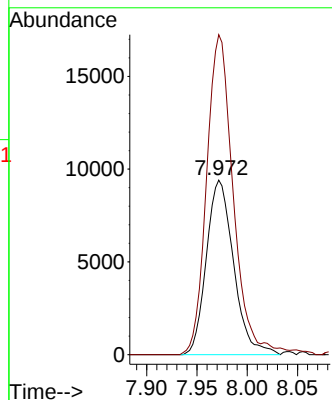
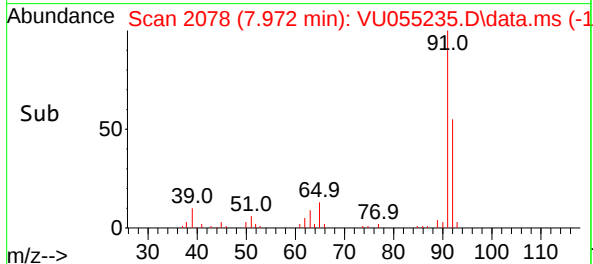
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



Tgt Ion: 92 Resp: 1774
Ion Ratio Lower Upper
92 100
91 179.1 143.0 214.6

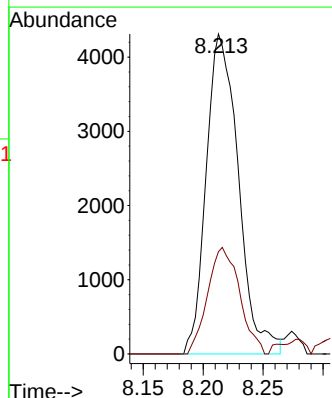
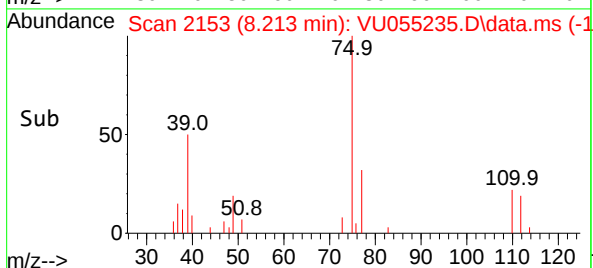
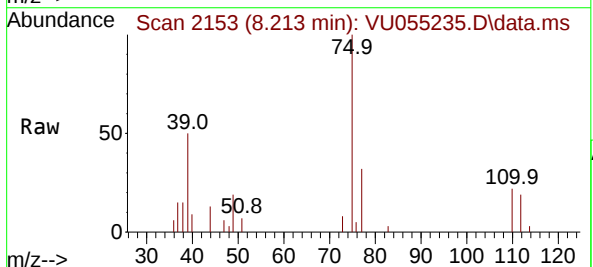
Manual Integrations
APPROVED

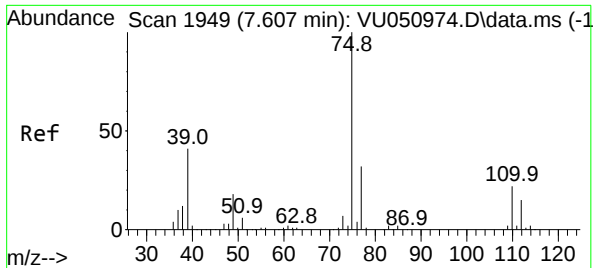
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#50
t-1,3-Dichloropropene
Concen: 0.445 ug/l
RT: 8.213 min Scan# 2153
Delta R.T. 0.002 min
Lab File: VU055235.D
Acq: 11 Sep 2023 15:14

Tgt Ion: 75 Resp: 8053
Ion Ratio Lower Upper
75 100
77 31.9 25.3 37.9





#51
 cis-1,3-Dichloropropene
 Concen: 0.410 ug/l
 RT: 7.611 min Scan# 1949
 Delta R.T. 0.004 min
 Lab File: VU055235.D
 Acq: 11 Sep 2023 15:14

Instrument :

MSVOA_U

ClientSampleId :

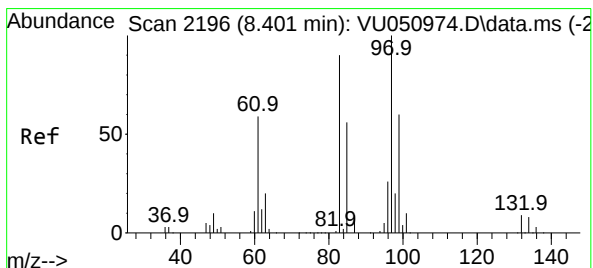
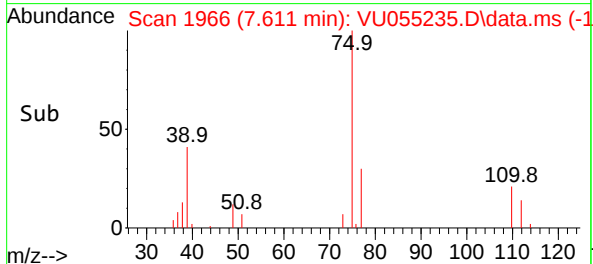
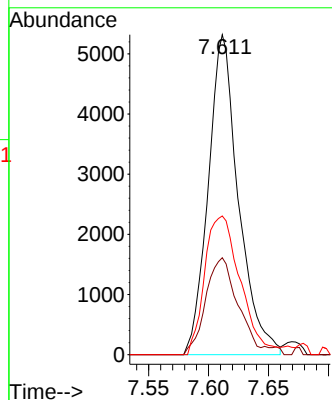
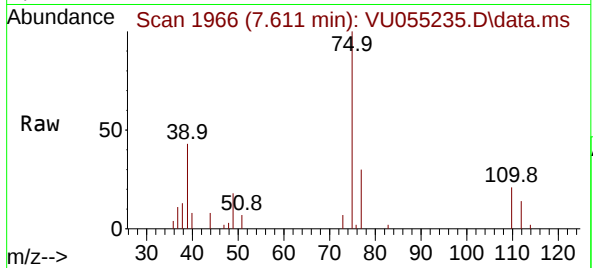
RL-CHECK

Tgt Ion: 75 Resp: 9314
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.7 38.5
 39 43.3 32.8 49.2

Manual Integrations

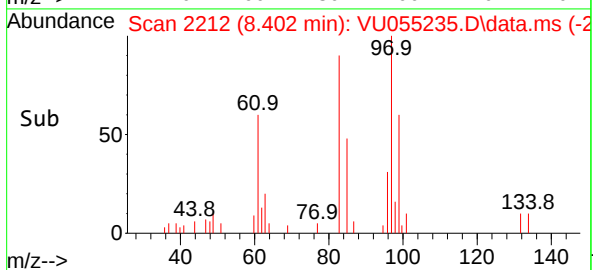
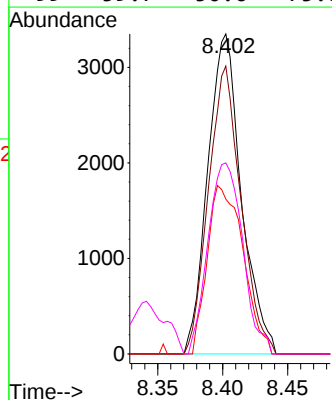
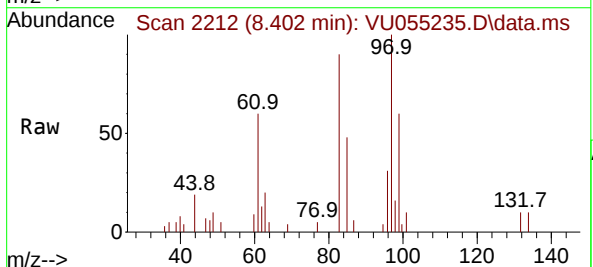
APPROVED

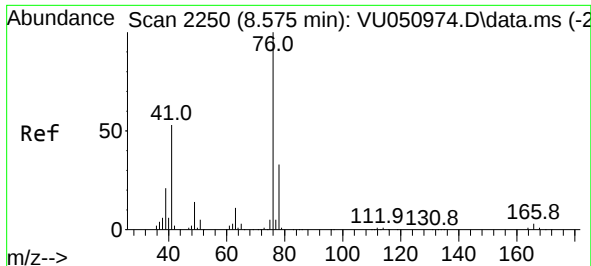
Reviewed By :John Carlone 09/12/2023
 Supervised By :Mahesh Dadoda 09/12/2023



#52
 1,1,2-Trichloroethane
 Concen: 0.514 ug/l
 RT: 8.402 min Scan# 2212
 Delta R.T. 0.001 min
 Lab File: VU055235.D
 Acq: 11 Sep 2023 15:14

Tgt Ion: 97 Resp: 6021
 Ion Ratio Lower Upper
 97 100
 83 89.9 71.8 107.8
 85 48.4 45.2 67.8
 99 59.7 50.6 75.8





#53

1,3-Dichloropropane

Concen: 0.505 ug/l

RT: 8.579 min Scan# 21

Delta R.T. 0.004 min

Lab File: VU055235.D

Acq: 11 Sep 2023 15:14

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

Tgt Ion: 76 Resp: 1003

Ion Ratio Lower Upper

76 100

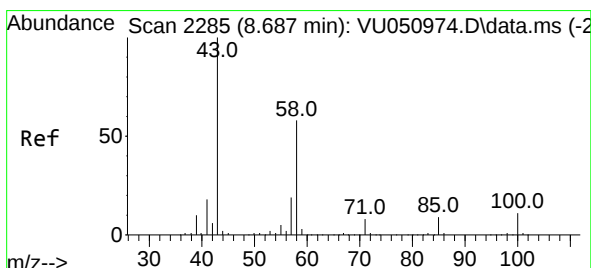
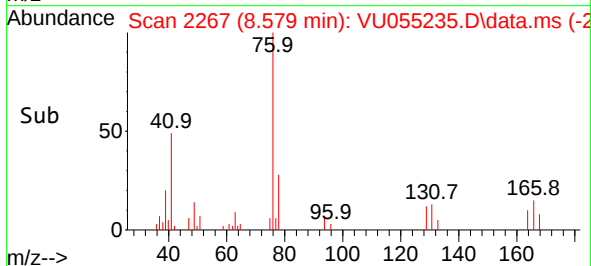
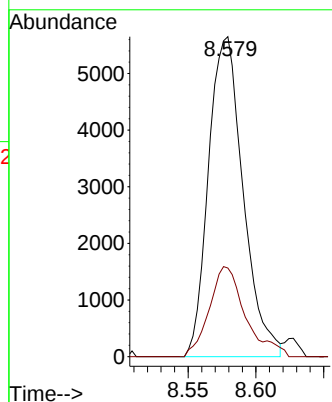
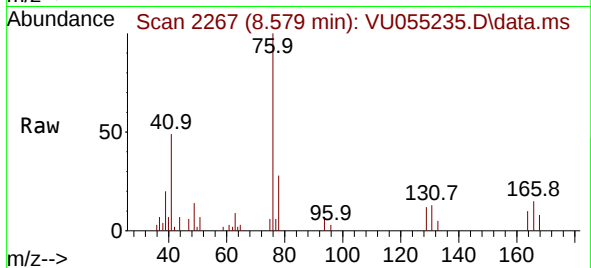
78 29.3 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#54

2-Hexanone

Concen: 2.691 ug/l

RT: 8.689 min Scan# 2301

Delta R.T. 0.002 min

Lab File: VU055235.D

Acq: 11 Sep 2023 15:14

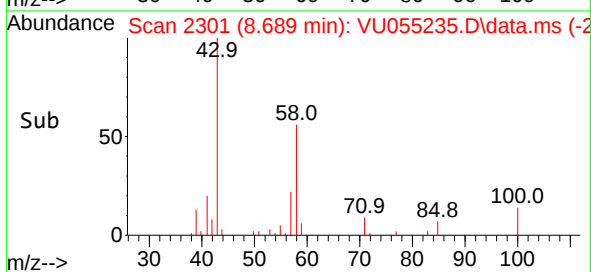
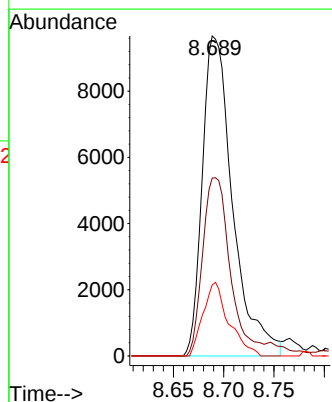
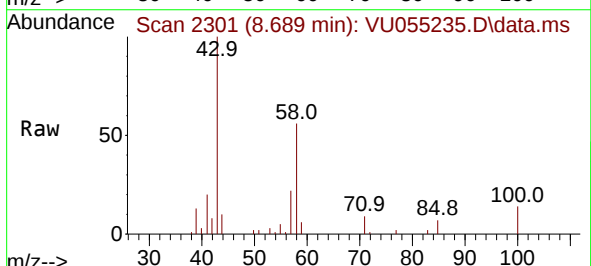
Tgt Ion: 43 Resp: 20291

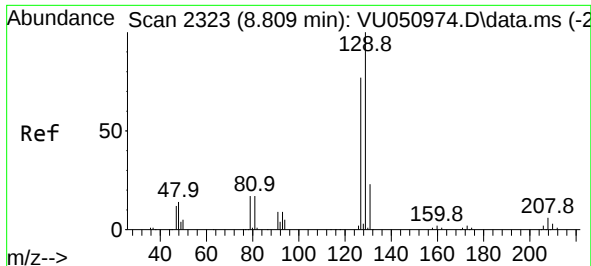
Ion Ratio Lower Upper

43 100

58 50.6 38.2 78.2

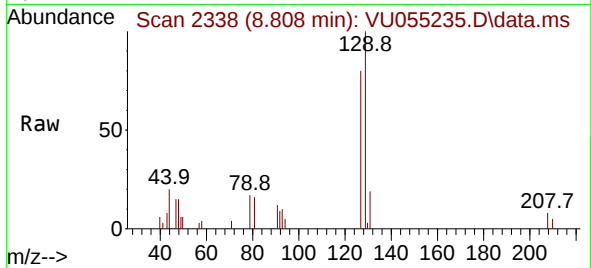
57 19.4 0.0 39.1





#55
Dibromochloromethane
Concen: 0.448 ug/l
RT: 8.808 min Scan# 2323
Delta R.T. -0.001 min
Lab File: VU055235.D
Acq: 11 Sep 2023 15:14

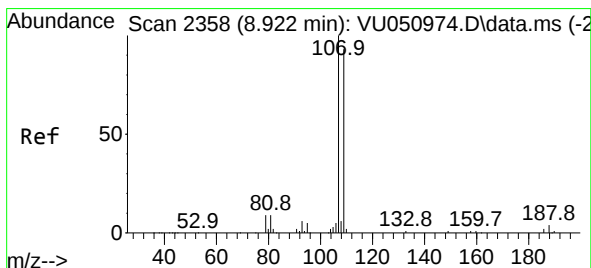
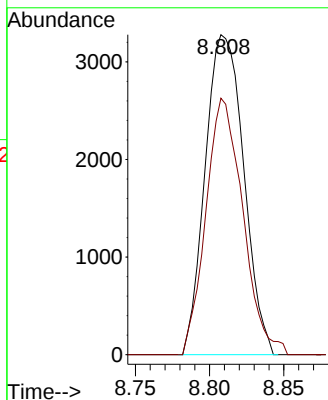
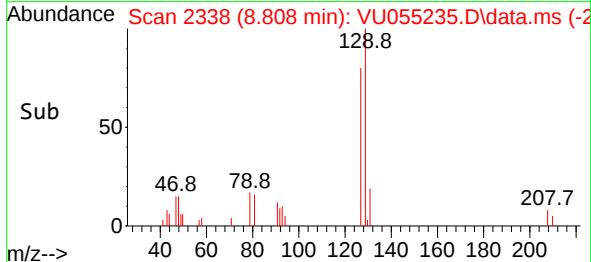
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



Tgt Ion:129 Resp: 5918
Ion Ratio Lower Upper
129 100
127 77.0 61.4 92.0

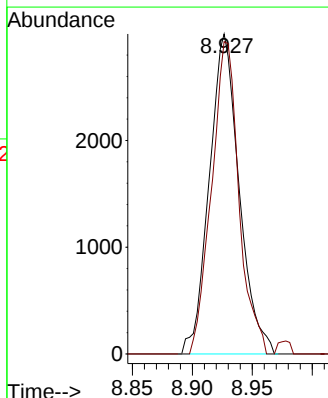
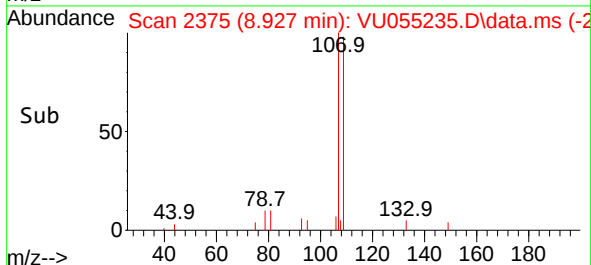
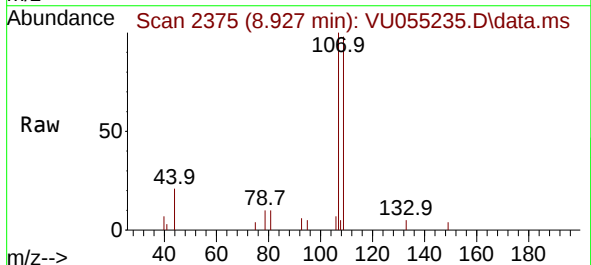
Manual Integrations
APPROVED

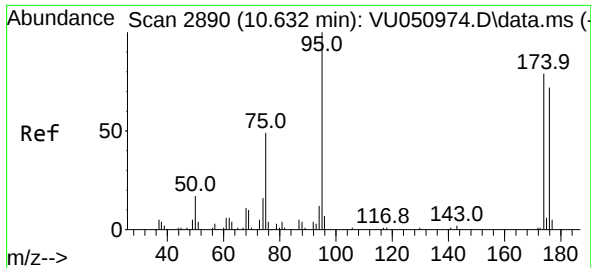
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#56
1,2-Dibromoethane
Concen: 0.487 ug/l
RT: 8.927 min Scan# 2375
Delta R.T. 0.005 min
Lab File: VU055235.D
Acq: 11 Sep 2023 15:14

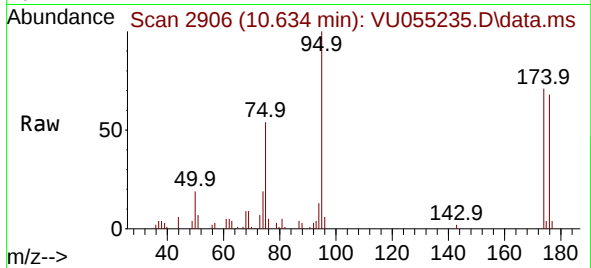
Tgt Ion:107 Resp: 5188
Ion Ratio Lower Upper
107 100
109 89.3 0.0 184.4





#57
4-Bromofluorobenzene
Concen: 0.948 ug/l
RT: 10.634 min Scan# 2906
Delta R.T. 0.002 min
Lab File: VU055235.D
Acq: 11 Sep 2023 15:14

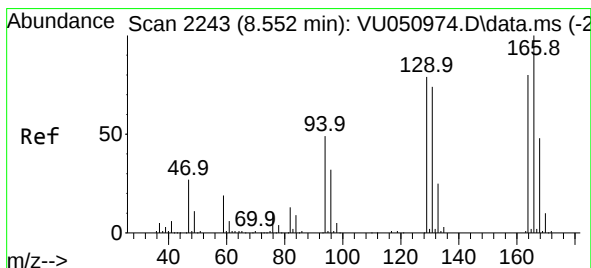
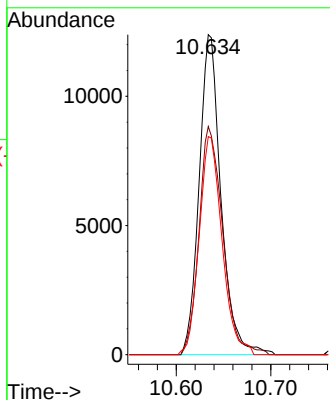
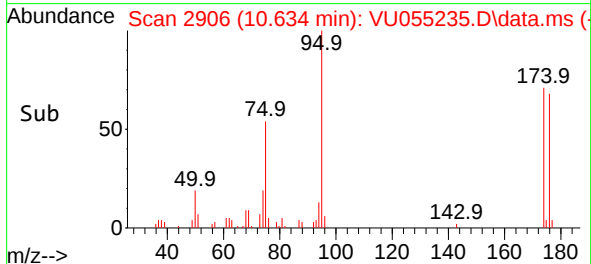
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



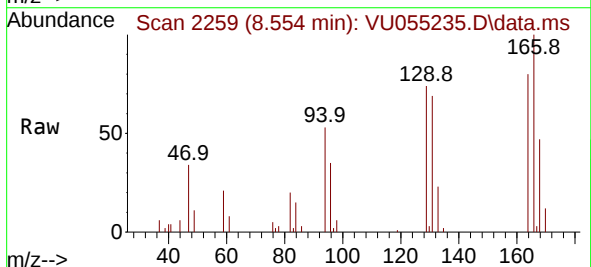
Tgt Ion: 95 Resp: 1991
Ion Ratio Lower Upper
95 100
174 77.5 63.3 94.9
176 71.2 59.3 88.9

Manual Integrations
APPROVED

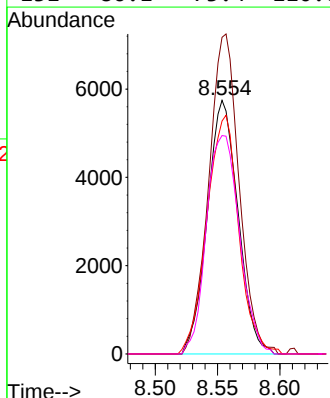
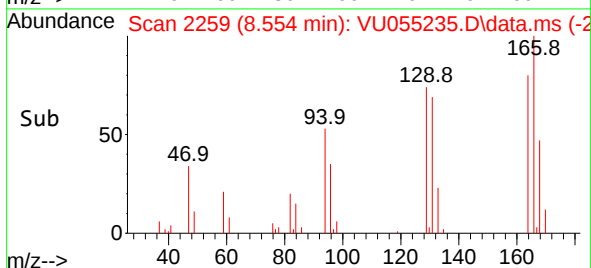
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

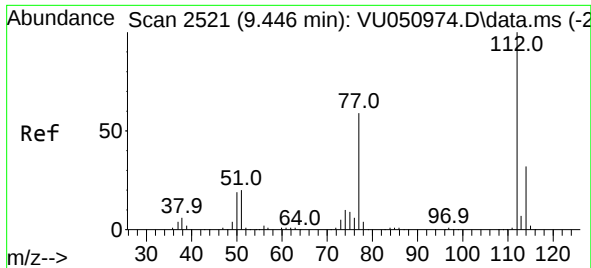


#58
Tetrachloroethene
Concen: 0.467 ug/l
RT: 8.554 min Scan# 2259
Delta R.T. 0.002 min
Lab File: VU055235.D
Acq: 11 Sep 2023 15:14



Tgt Ion:164 Resp: 9869
Ion Ratio Lower Upper
164 100
166 124.8 99.6 149.4
129 91.9 78.6 117.8
131 86.1 73.4 110.0





#59

Chlorobenzene

Concen: 0.457 ug/l

RT: 9.451 min Scan# 2538

Delta R.T. 0.005 min

Lab File: VU055235.D

Acq: 11 Sep 2023 15:14

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

Tgt Ion:112 Resp: 20750

Ion Ratio Lower Upper

112 100

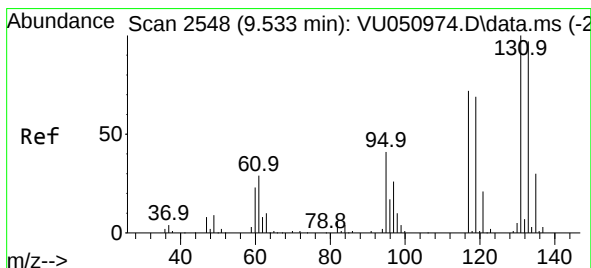
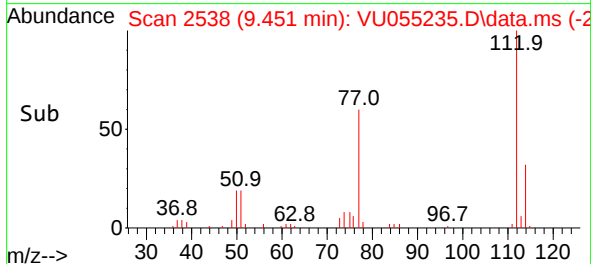
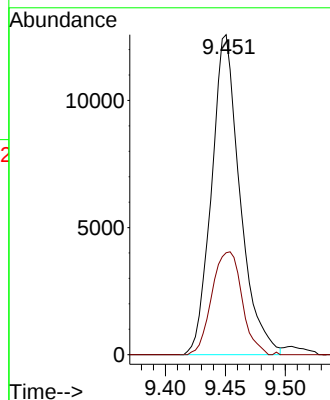
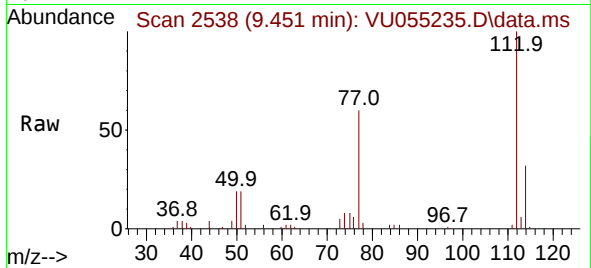
114 31.8 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#60

1,1,1,2-Tetrachloroethane

Concen: 0.436 ug/l

RT: 9.531 min Scan# 2563

Delta R.T. -0.002 min

Lab File: VU055235.D

Acq: 11 Sep 2023 15:14

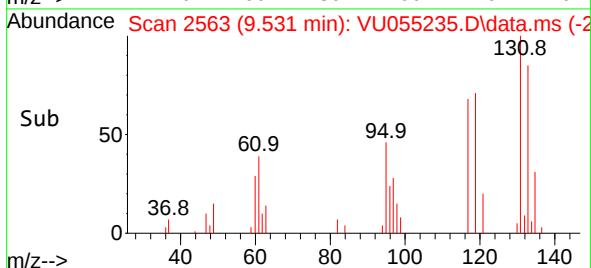
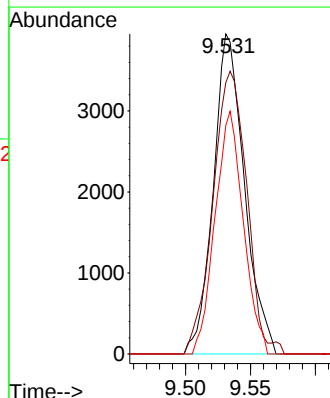
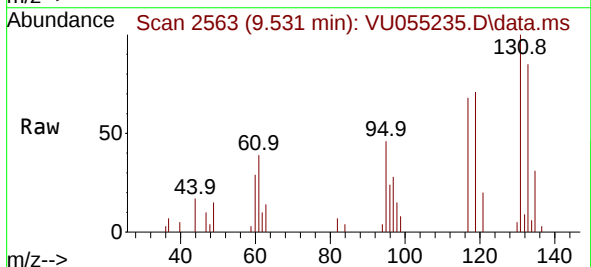
Tgt Ion:131 Resp: 6562

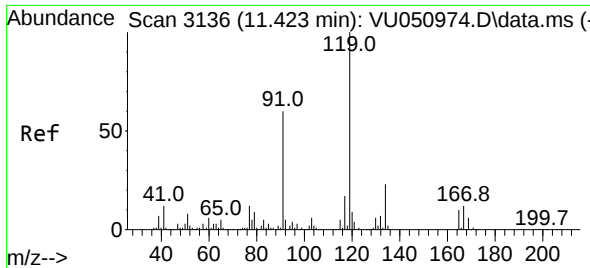
Ion Ratio Lower Upper

131 100

133 96.3 77.8 116.6

119 69.1 55.2 82.8





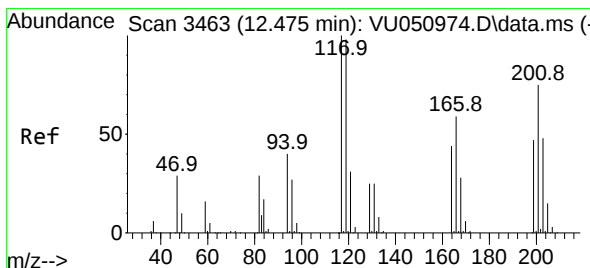
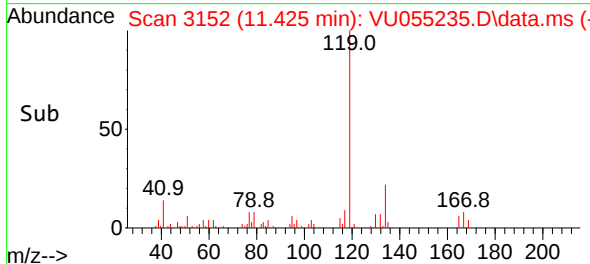
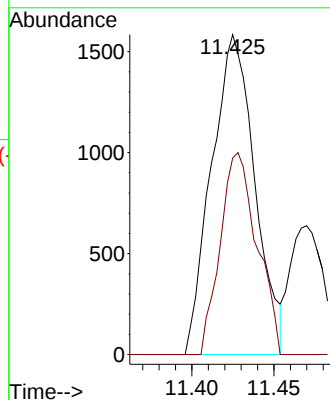
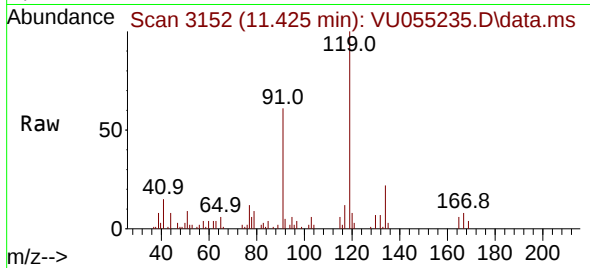
#61
Pentachloroethane
Concen: 0.415 ug/l
RT: 11.425 min Scan# 3136
Delta R.T. 0.002 min
Lab File: VU055235.D
Acq: 11 Sep 2023 15:14

Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

Tgt Ion:117 Resp: 2909
Ion Ratio Lower Upper
117 100
167 53.6 56.7 85.1

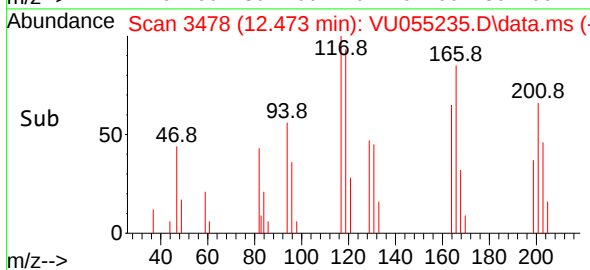
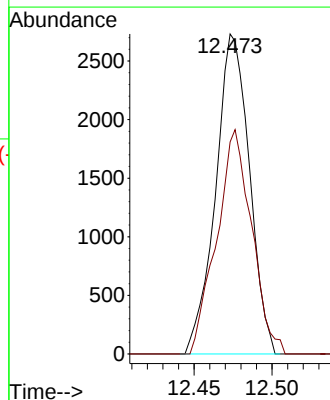
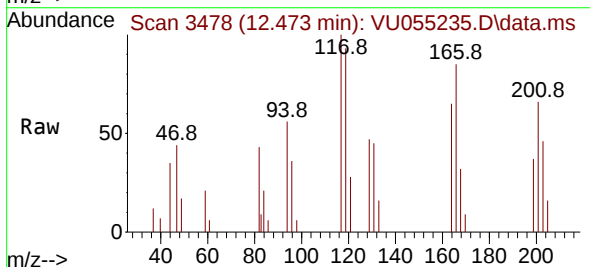
Manual Integrations
APPROVED

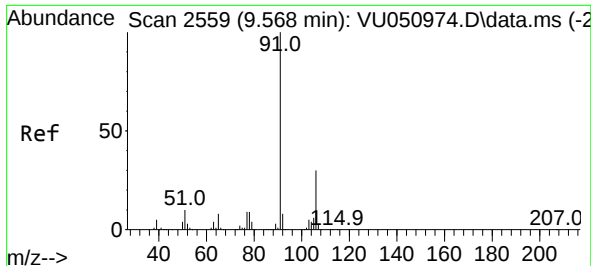
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#62
Hexachloroethane
Concen: 0.358 ug/l
RT: 12.473 min Scan# 3478
Delta R.T. -0.002 min
Lab File: VU055235.D
Acq: 11 Sep 2023 15:14

Tgt Ion:117 Resp: 4116
Ion Ratio Lower Upper
117 100
201 72.6 59.6 89.4





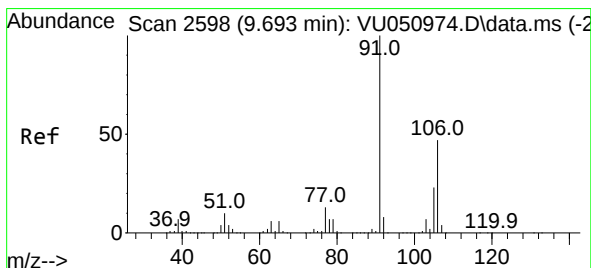
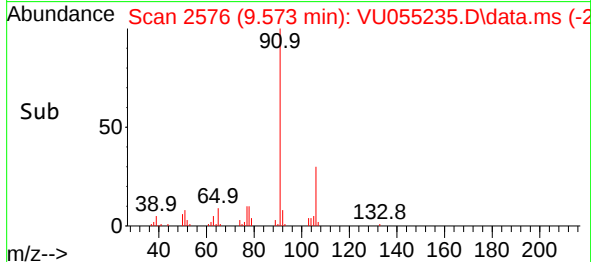
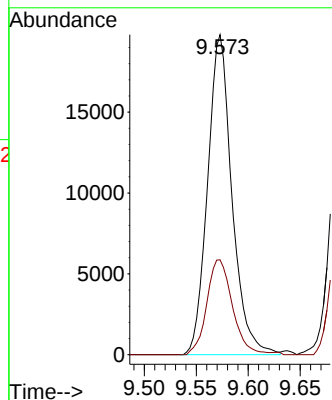
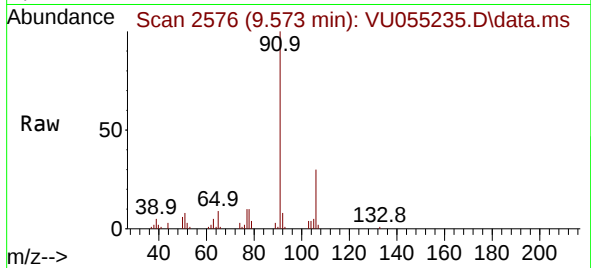
#63
Ethyl Benzene
Concen: 0.420 ug/l
RT: 9.573 min Scan# 21
Delta R.T. 0.005 min
Lab File: VU055235.D
Acq: 11 Sep 2023 15:14

Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

Tgt Ion: 91 Resp: 32290
Ion Ratio Lower Upper
91 100
106 29.6 24.2 36.2

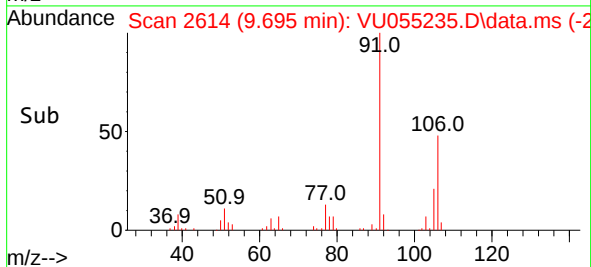
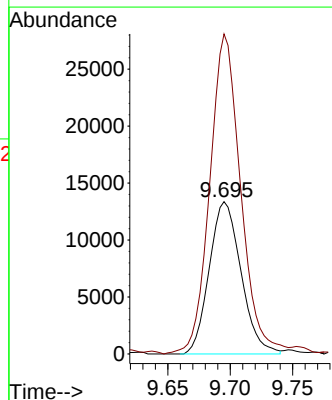
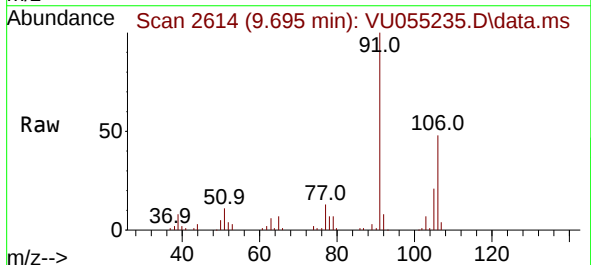
Manual Integrations
APPROVED

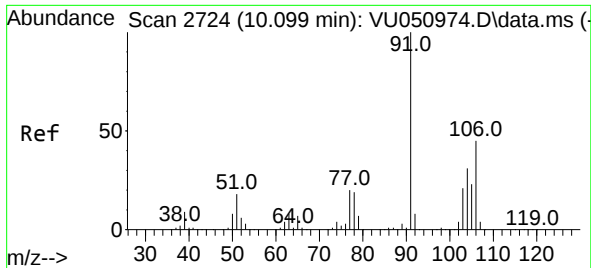
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#64
m/p-Xylenes
Concen: 0.798 ug/l
RT: 9.695 min Scan# 2614
Delta R.T. 0.002 min
Lab File: VU055235.D
Acq: 11 Sep 2023 15:14

Tgt Ion:106 Resp: 23739
Ion Ratio Lower Upper
106 100
91 204.0 167.3 250.9





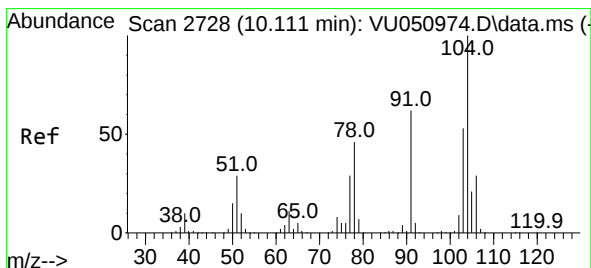
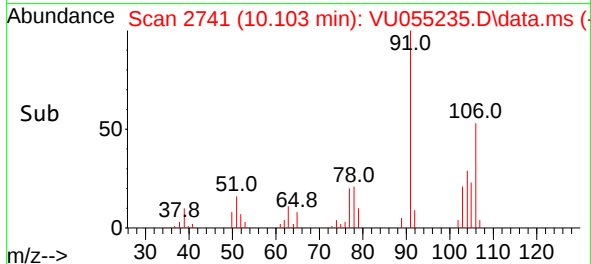
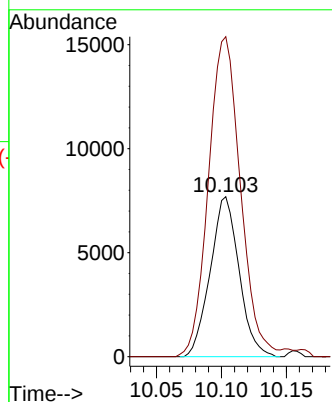
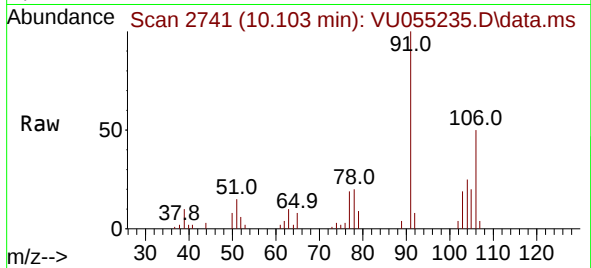
#65
o-Xylene
Concen: 0.411 ug/l
RT: 10.103 min Scan# 2741
Delta R.T. 0.004 min
Lab File: VU055235.D
Acq: 11 Sep 2023 15:14

Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

Tgt Ion:106 Resp: 11858
Ion Ratio Lower Upper
106 100
91 221.6 109.3 327.9

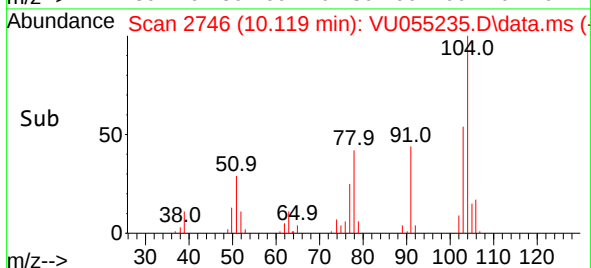
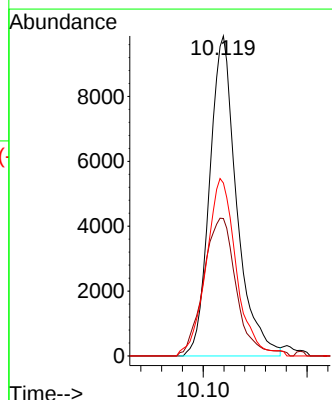
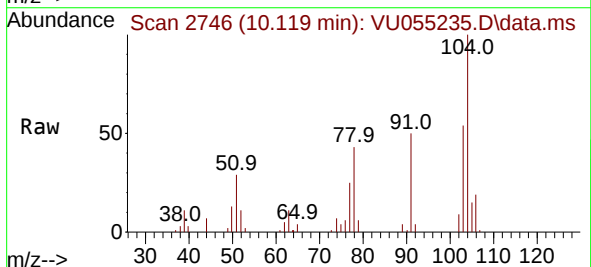
Manual Integrations
APPROVED

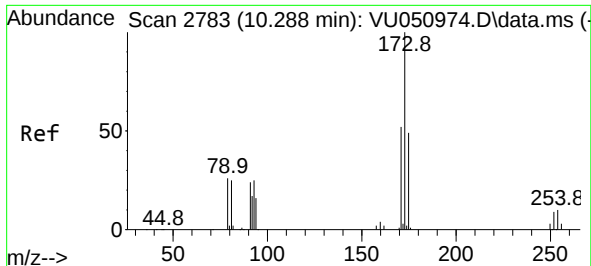
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#66
Styrene
Concen: 0.396 ug/l
RT: 10.119 min Scan# 2746
Delta R.T. 0.008 min
Lab File: VU055235.D
Acq: 11 Sep 2023 15:14

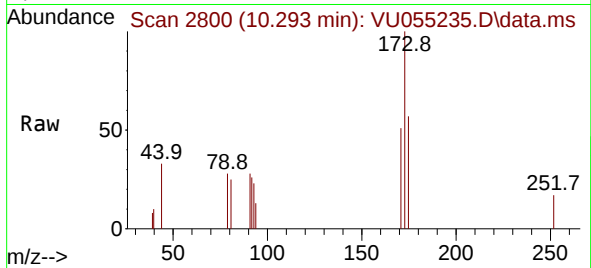
Tgt Ion:104 Resp: 17833
Ion Ratio Lower Upper
104 100
78 52.2 39.7 59.5
103 61.5 44.8 67.2





#67
Bromoform
Concen: 0.416 ug/l
RT: 10.293 min Scan# 2779
Delta R.T. 0.005 min
Lab File: VU055235.D
Acq: 11 Sep 2023 15:14

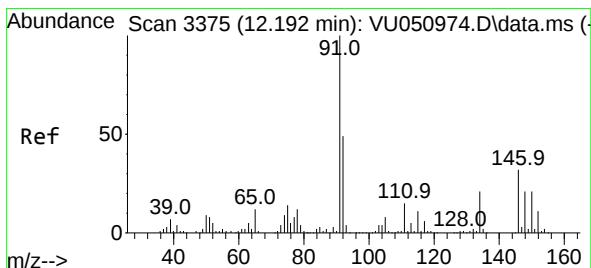
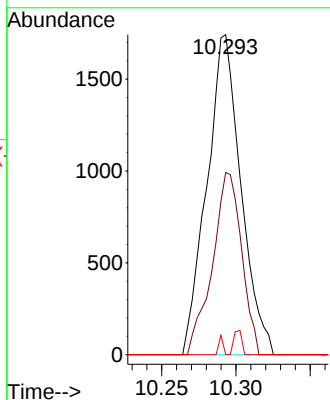
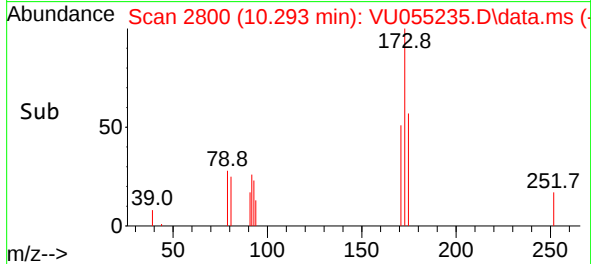
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



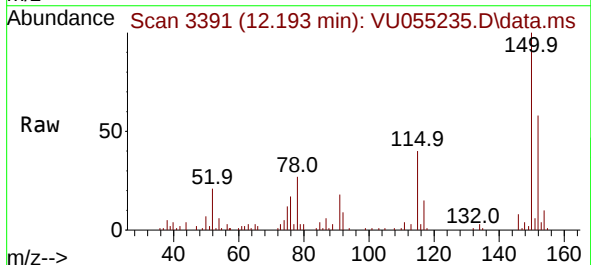
Tgt Ion:173 Resp: 2779
Ion Ratio Lower Upper
173 100
175 48.8 39.0 58.6
254 0.7 7.4 11.0

Manual Integrations
APPROVED

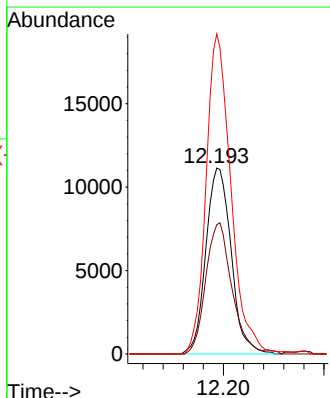
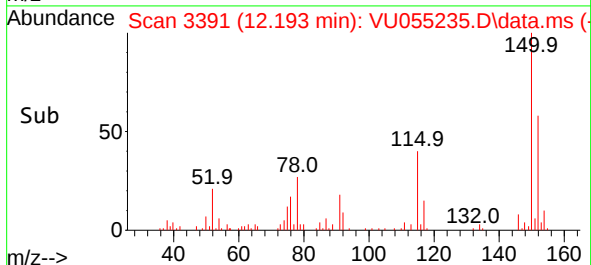
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

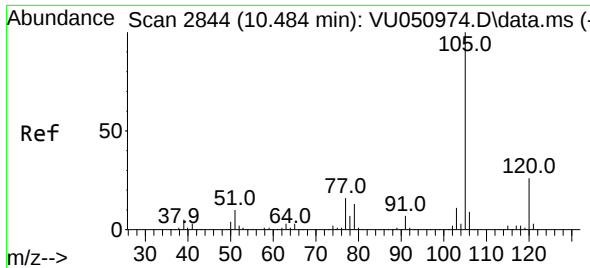


#68
1,2-Dichlorobenzene-d4
Concen: 0.951 ug/l
RT: 12.193 min Scan# 3391
Delta R.T. 0.001 min
Lab File: VU055235.D
Acq: 11 Sep 2023 15:14



Tgt Ion:152 Resp: 19461
Ion Ratio Lower Upper
152 100
115 73.4 0.0 308.8
150 168.8 0.0 635.0





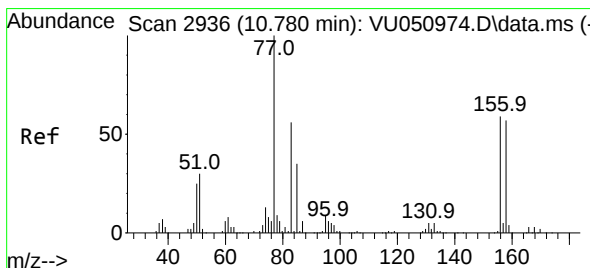
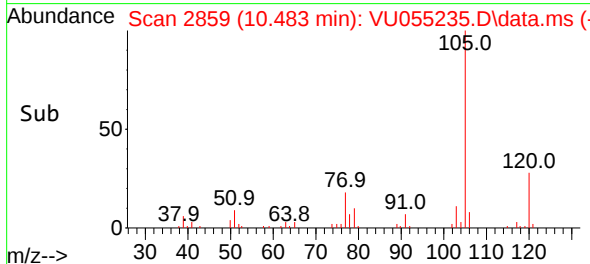
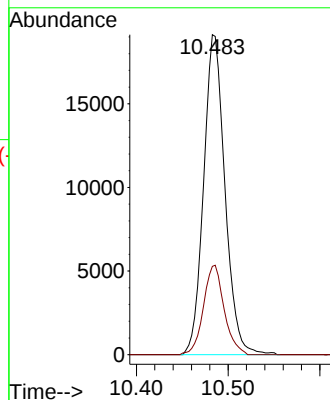
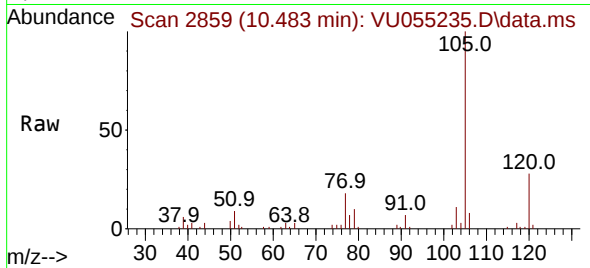
#69
Isopropylbenzene
Concen: 0.410 ug/l
RT: 10.483 min Scan# 2844
Delta R.T. -0.001 min
Lab File: VU055235.D
Acq: 11 Sep 2023 15:14

Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

Tgt Ion: 105 Resp: 3096
Ion Ratio Lower Upper
105 100
120 27.1 12.8 38.4

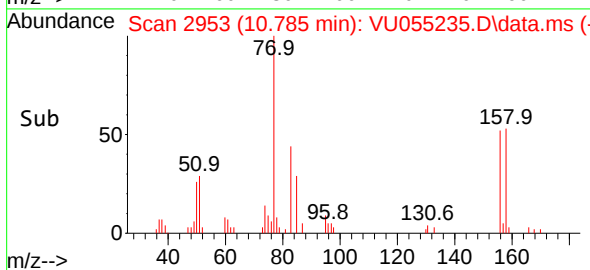
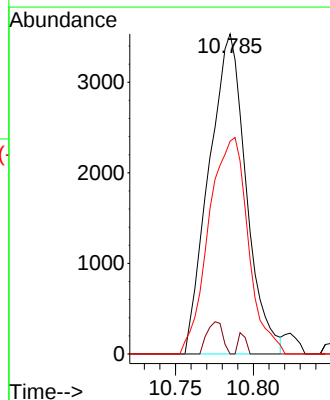
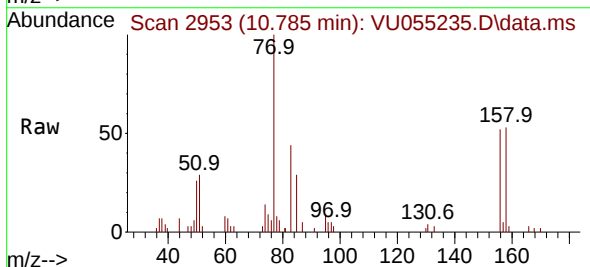
Manual Integrations
APPROVED

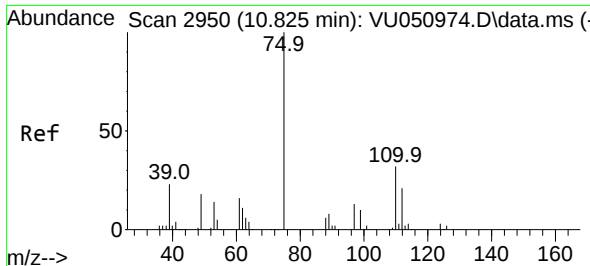
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#70
1,1,2,2-Tetrachloroethane
Concen: 0.492 ug/l
RT: 10.785 min Scan# 2953
Delta R.T. 0.005 min
Lab File: VU055235.D
Acq: 11 Sep 2023 15:14

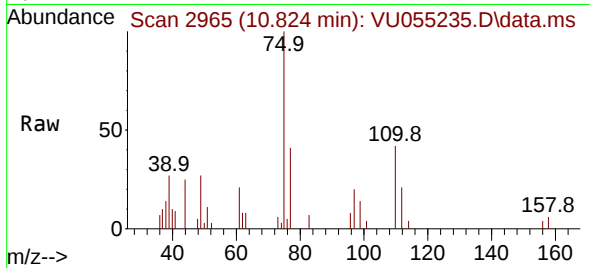
Tgt Ion: 83 Resp: 5853
Ion Ratio Lower Upper
83 100
131 1.4 7.2 10.8#
85 71.5 50.5 75.7





#71
1,2,3-Trichloropropane
Concen: 0.322 ug/l m
RT: 10.824 min Scan# 2950
Delta R.T. -0.001 min
Lab File: VU055235.D
Acq: 11 Sep 2023 15:14

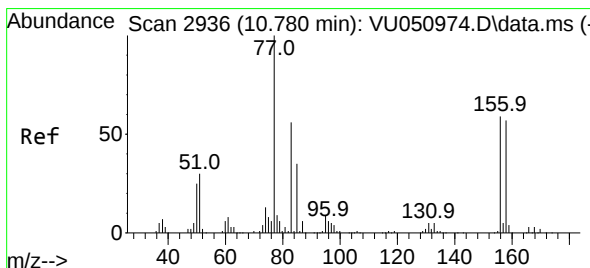
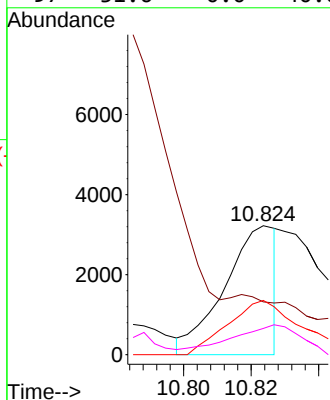
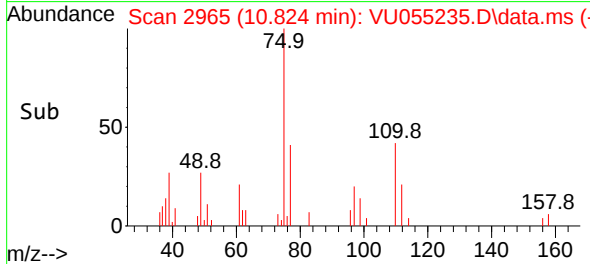
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



Tgt Ion: 75	Resp: 342
Ion Ratio	Lower Upper
75 100	
77 49.2	0.0 116.4
110 58.4	0.0 74.6
97 31.6	0.0 40.0

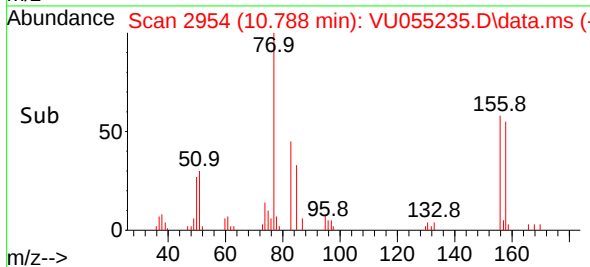
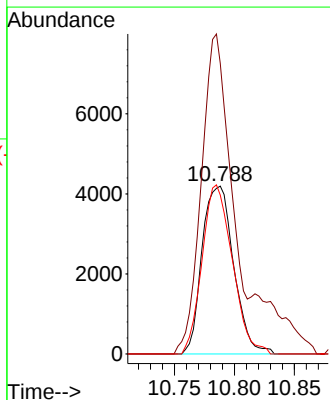
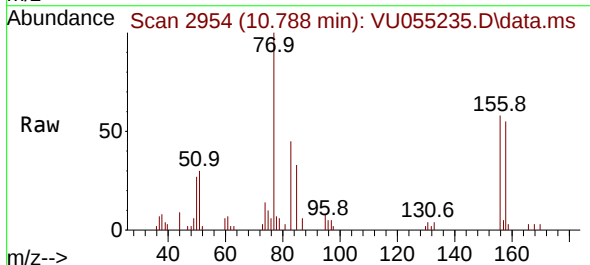
Manual Integrations
APPROVED

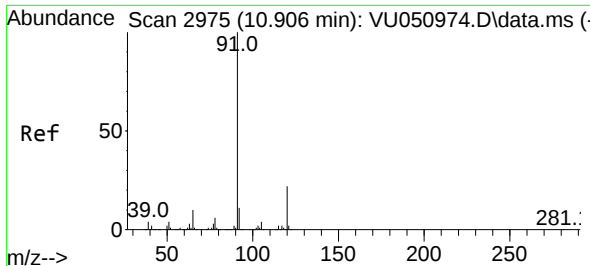
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#72
Bromobenzene
Concen: 0.443 ug/l
RT: 10.788 min Scan# 2954
Delta R.T. 0.008 min
Lab File: VU055235.D
Acq: 11 Sep 2023 15:14

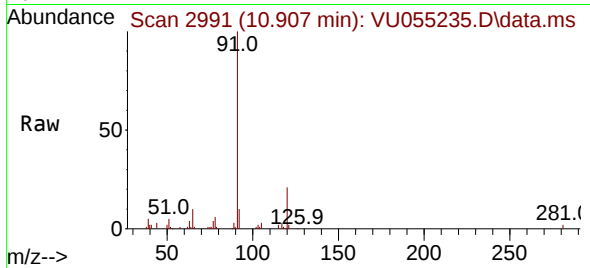
Tgt Ion:156	Resp:	7676	
Ion	Ratio	Lower	Upper
156	100		
77	177.0	0.0	343.0
158	96.8	0.0	194.8





#73
n-propylbenzene
Concen: 0.402 ug/l
RT: 10.907 min Scan# 2975
Delta R.T. 0.001 min
Lab File: VU055235.D
Acq: 11 Sep 2023 15:14

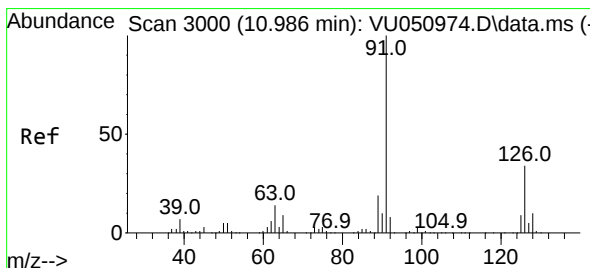
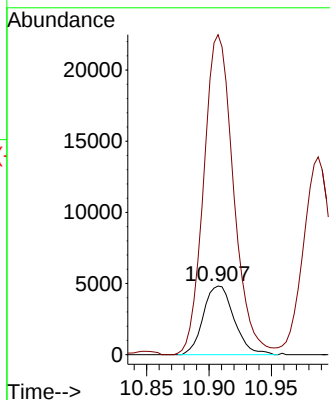
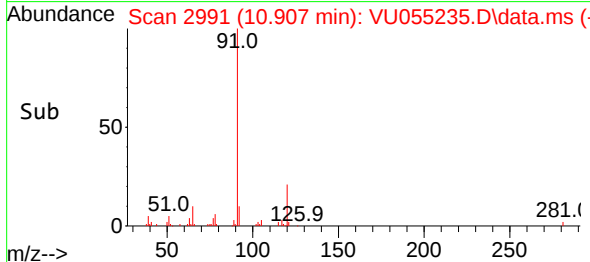
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



Tgt Ion:120 Resp: 8238
Ion Ratio Lower Upper
120 100
91 454.6 369.8 554.6

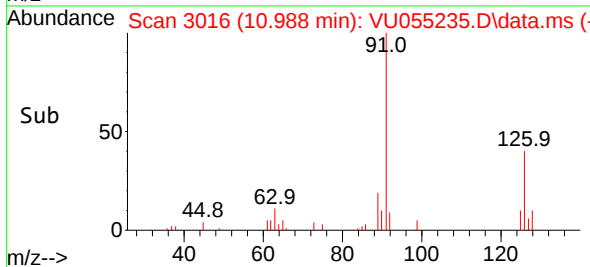
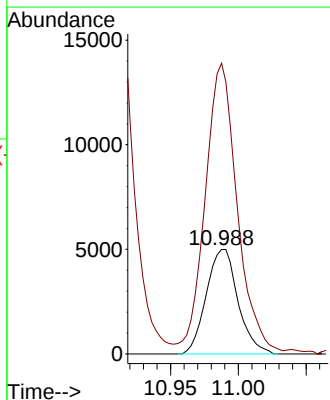
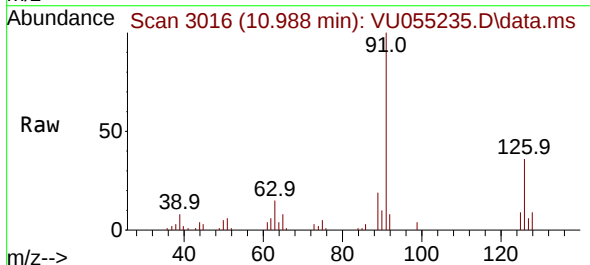
Manual Integrations
APPROVED

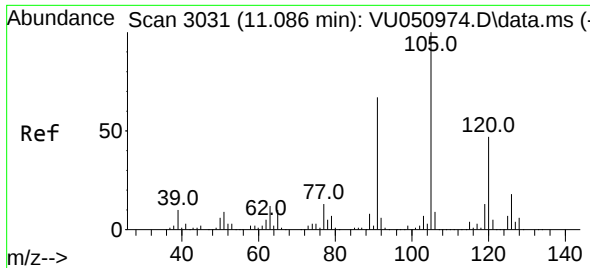
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#74
2-Chlorotoluene
Concen: 0.444 ug/l
RT: 10.988 min Scan# 3016
Delta R.T. 0.002 min
Lab File: VU055235.D
Acq: 11 Sep 2023 15:14

Tgt Ion:126 Resp: 8119
Ion Ratio Lower Upper
126 100
91 276.2 0.0 610.0





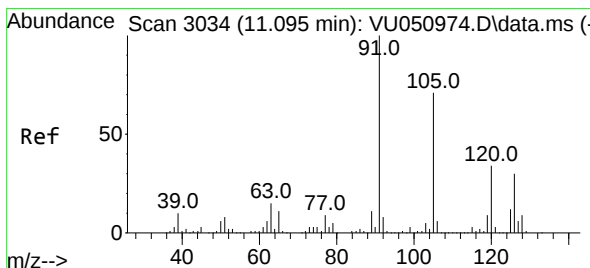
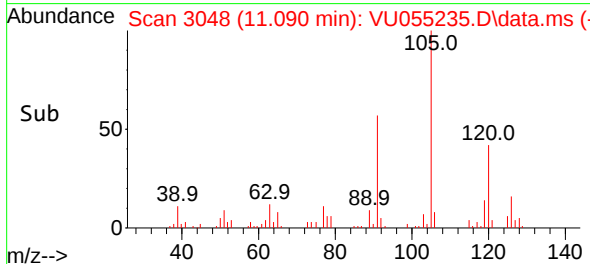
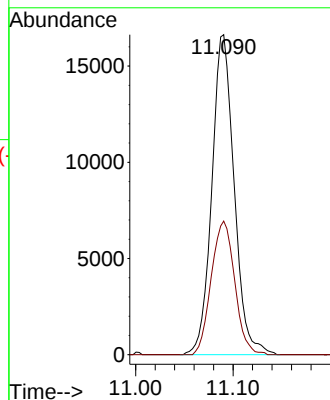
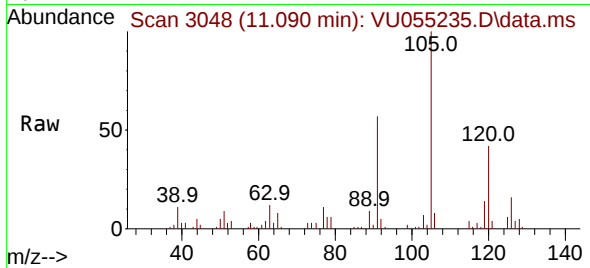
#75
1,3,5-Trimethylbenzene
Concen: 0.408 ug/l
RT: 11.090 min Scan# 3048
Delta R.T. 0.004 min
Lab File: VU055235.D
Acq: 11 Sep 2023 15:14

Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

Tgt Ion:105 Resp: 2648
Ion Ratio Lower Upper
105 100
120 43.9 37.8 56.8

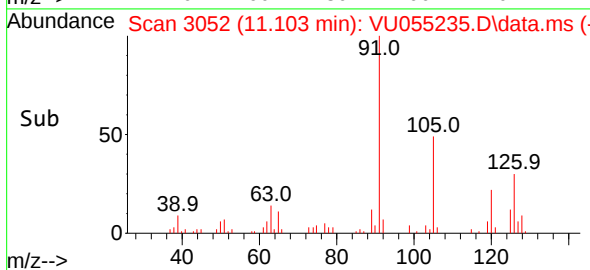
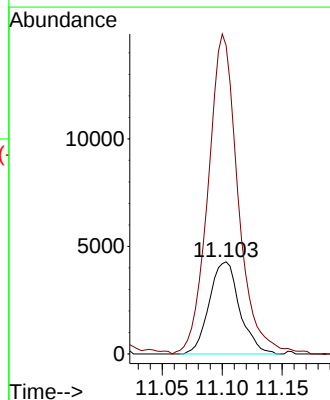
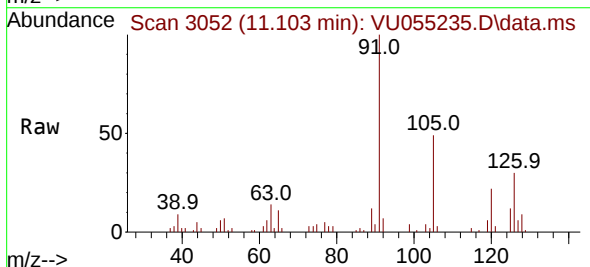
Manual Integrations
APPROVED

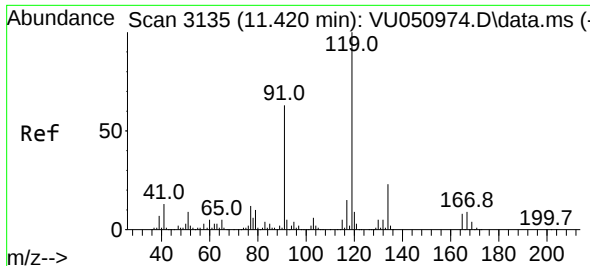
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#76
4-Chlorotoluene
Concen: 0.401 ug/l
RT: 11.103 min Scan# 3052
Delta R.T. 0.008 min
Lab File: VU055235.D
Acq: 11 Sep 2023 15:14

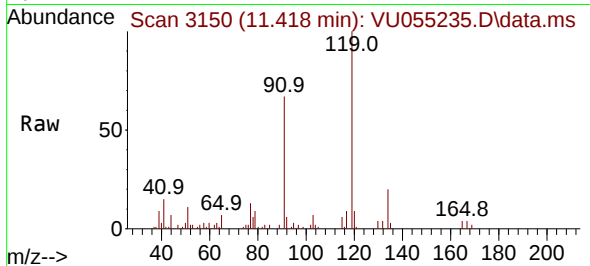
Tgt Ion:126 Resp: 7530
Ion Ratio Lower Upper
126 100
91 344.7 0.0 686.2





#77
tert-Butylbenzene
Concen: 0.411 ug/l
RT: 11.418 min Scan# 3150
Delta R.T. -0.002 min
Lab File: VU055235.D
Acq: 11 Sep 2023 15:14

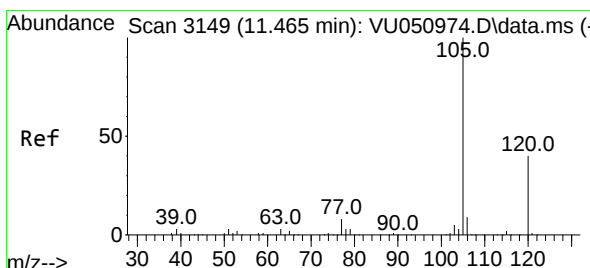
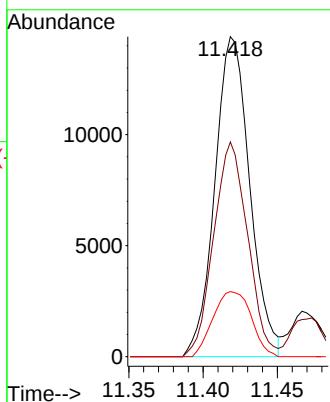
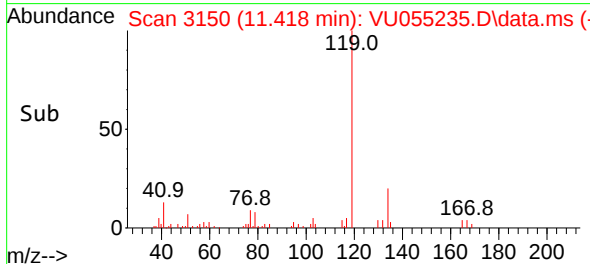
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



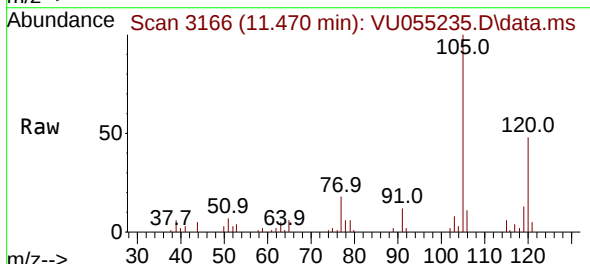
Tgt Ion:119 Resp: 23592
Ion Ratio Lower Upper
119 100
91 65.4 30.8 92.4
134 22.2 18.0 27.0

Manual Integrations
APPROVED

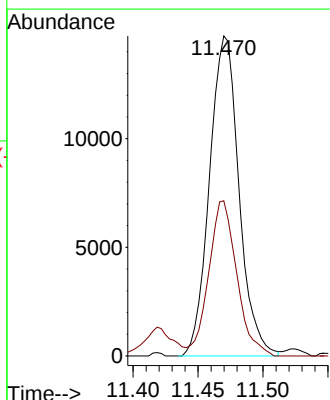
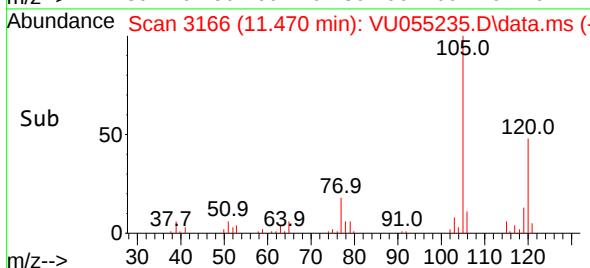
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

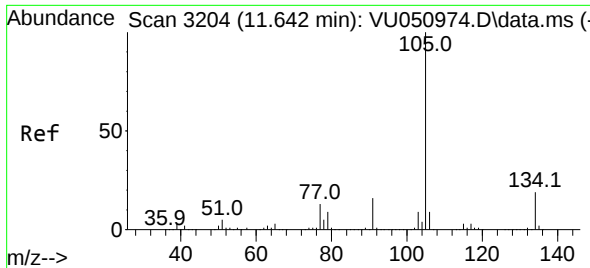


#78
1,2,4-Trimethylbenzene
Concen: 0.354 ug/l
RT: 11.470 min Scan# 3166
Delta R.T. 0.005 min
Lab File: VU055235.D
Acq: 11 Sep 2023 15:14



Tgt Ion:105 Resp: 23261
Ion Ratio Lower Upper
105 100
120 46.1 21.9 65.8





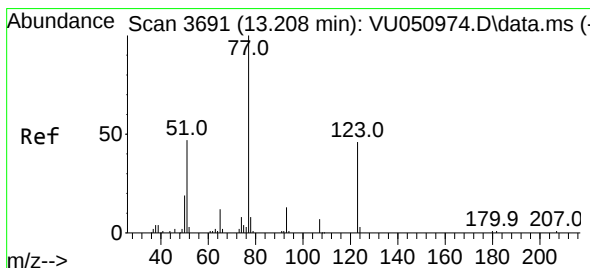
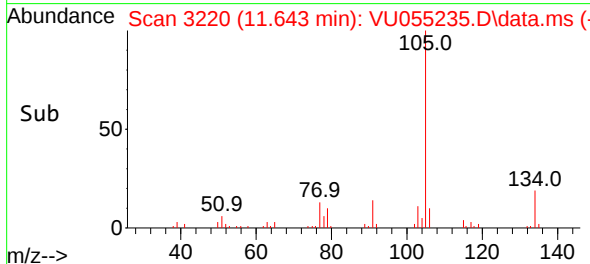
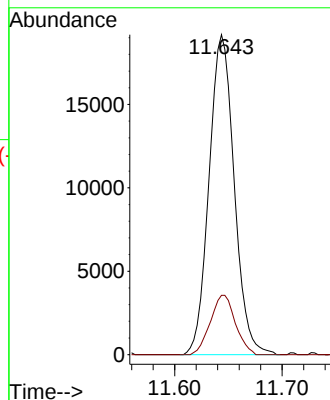
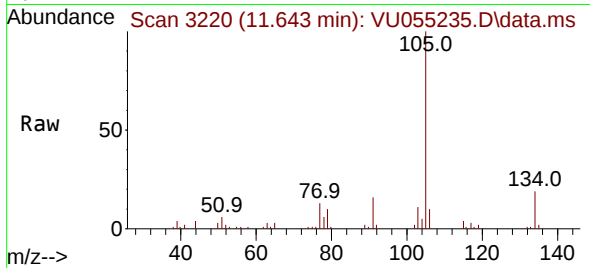
#79
 sec-Butylbenzene
 Concen: 0.373 ug/l
 RT: 11.643 min Scan# 3117
 Delta R.T. 0.001 min
 Lab File: VU055235.D
 Acq: 11 Sep 2023 15:14

Instrument :
 MSVOA_U
 ClientSampleId :
 RL-CHECK

Tgt Ion:105 Resp: 3117
 Ion Ratio Lower Upper
 105 100
 134 18.5 14.9 22.3

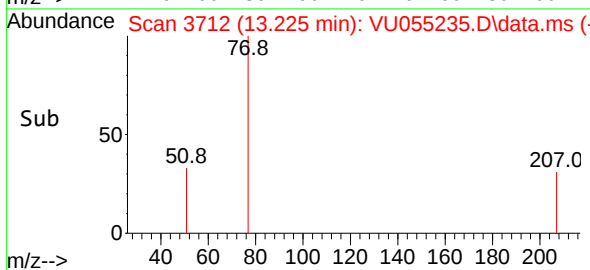
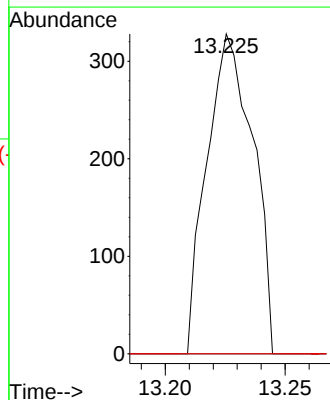
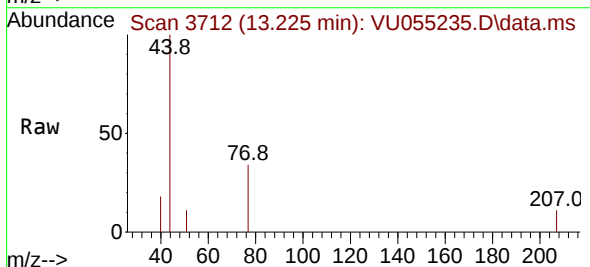
Manual Integrations
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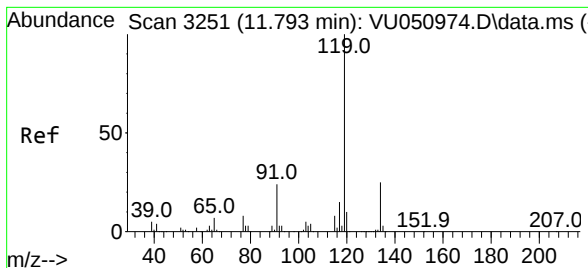
Reviewed By :John Carlone 09/12/2023
 Supervised By :Mahesh Dadoda 09/12/2023



#80
 Nitrobenzene
 Concen: 1.540 ug/l
 RT: 13.225 min Scan# 3712
 Delta R.T. 0.017 min
 Lab File: VU055235.D
 Acq: 11 Sep 2023 15:14

Tgt Ion: 77 Resp: 438
 Ion Ratio Lower Upper
 77 100
 123 0.0 19.7 69.7#
 65 0.0 11.5 14.7#





#81

p-Isopropyltoluene

Concen: 0.365 ug/l

RT: 11.795 min Scan# 31

Delta R.T. 0.002 min

Lab File: VU055235.D

Acq: 11 Sep 2023 15:14

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

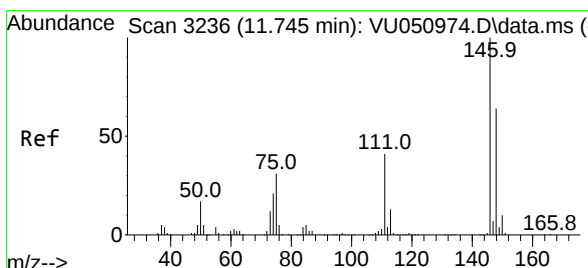
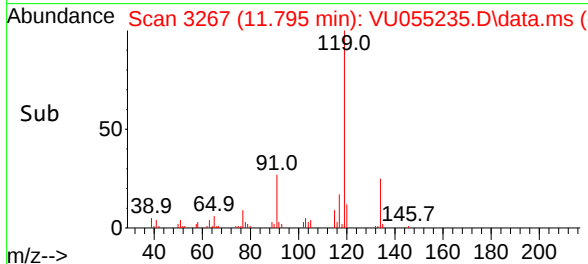
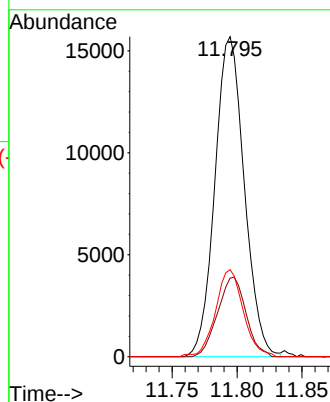
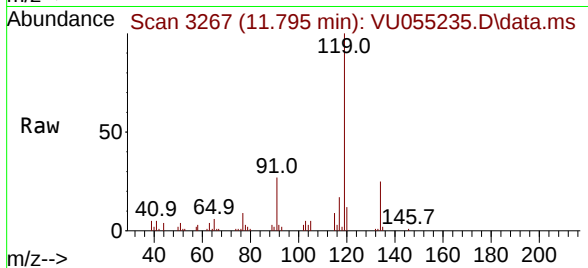
Tgt Ion:	119	Resp:	24630
Ion Ratio	Lower	Upper	
119	100		
134	24.0	20.2	30.4
91	25.7	19.3	28.9

Manual Integrations

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Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#82

1,3-Dichlorobenzene

Concen: 0.467 ug/l

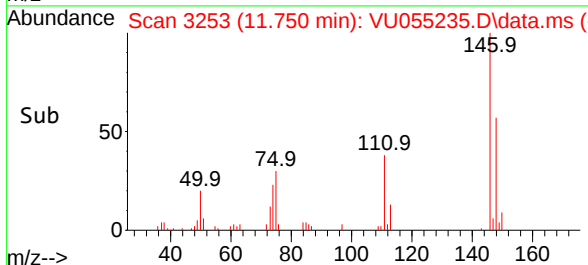
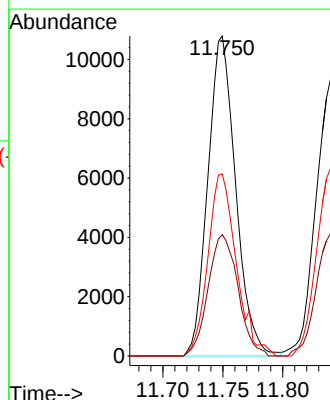
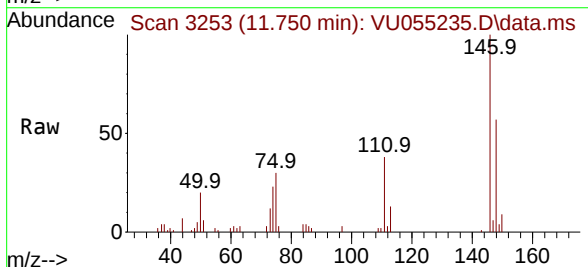
RT: 11.750 min Scan# 3253

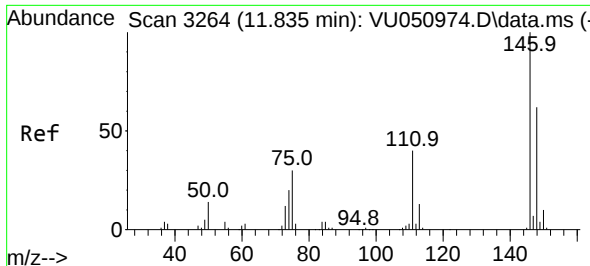
Delta R.T. 0.005 min

Lab File: VU055235.D

Acq: 11 Sep 2023 15:14

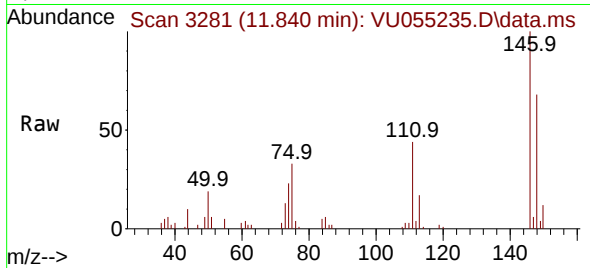
Tgt Ion:	146	Resp:	17401
Ion Ratio	Lower	Upper	
146	100		
111	40.6	32.6	49.0
148	58.1	51.0	76.4





#83
1,4-Dichlorobenzene
Concen: 0.439 ug/l
RT: 11.840 min Scan# 31
Delta R.T. 0.005 min
Lab File: VU055235.D
Acq: 11 Sep 2023 15:14

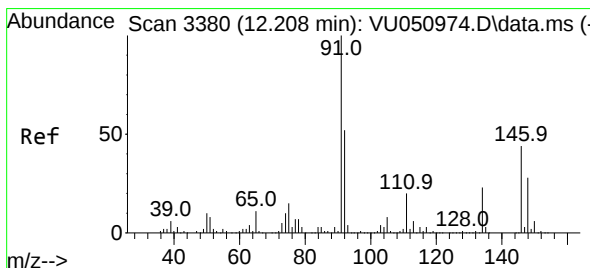
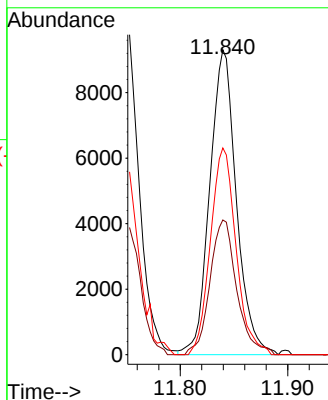
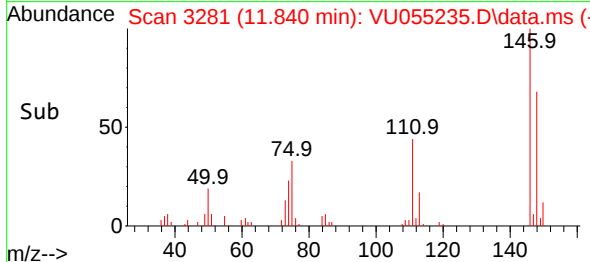
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



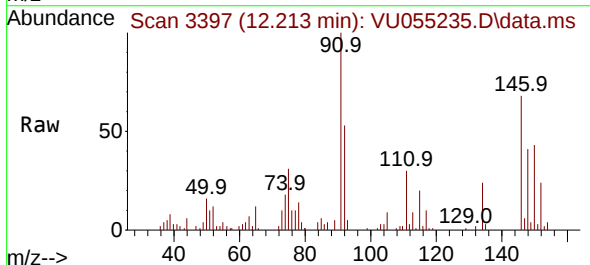
Tgt Ion:146 Resp: 1600
Ion Ratio Lower Upper
146 100
111 44.5 31.6 47.4
148 65.4 50.3 75.5

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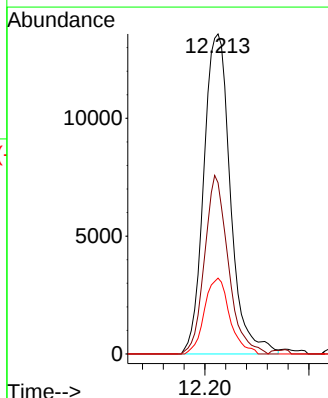
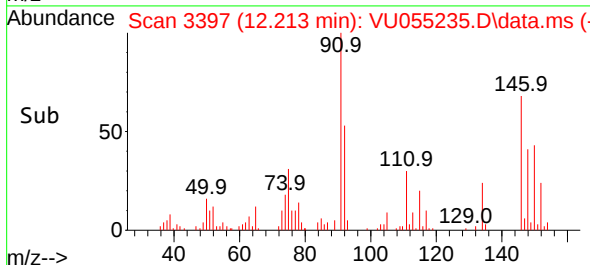
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

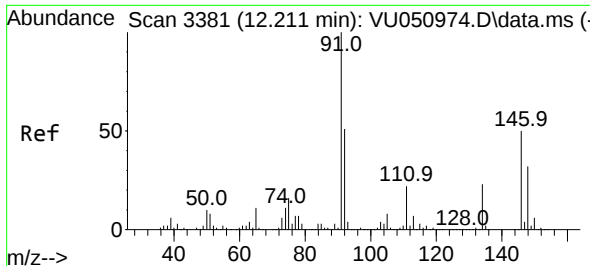


#84
n-Butylbenzene
Concen: 0.394 ug/l
RT: 12.213 min Scan# 3397
Delta R.T. 0.005 min
Lab File: VU055235.D
Acq: 11 Sep 2023 15:14



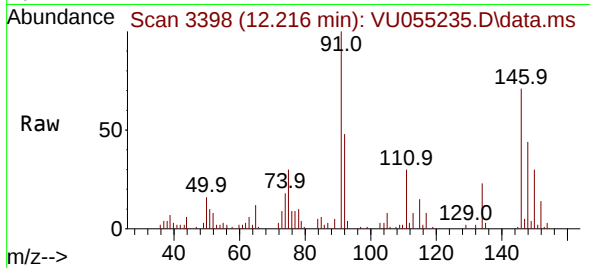
Tgt Ion: 91 Resp: 24181
Ion Ratio Lower Upper
91 100
92 49.7 40.8 61.2
134 22.4 18.4 27.6





#85
1,2-Dichlorobenzene
Concen: 0.464 ug/l
RT: 12.216 min Scan# 311
Delta R.T. 0.005 min
Lab File: VU055235.D
Acq: 11 Sep 2023 15:14

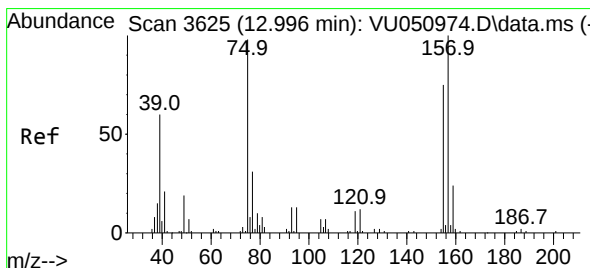
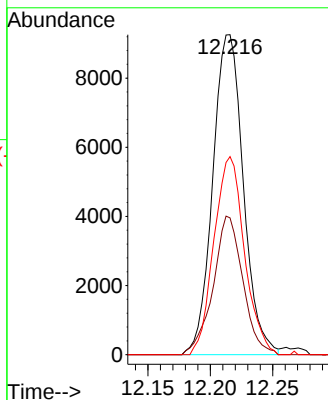
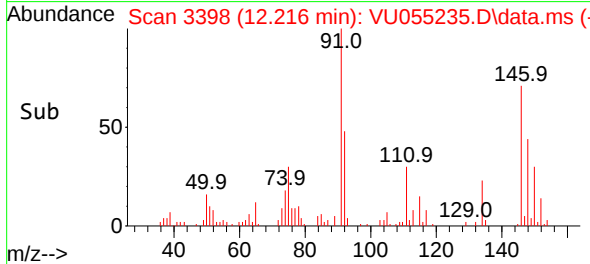
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



Tgt Ion:146 Resp: 1584
Ion Ratio Lower Upper
146 100
111 41.9 21.6 64.6
148 61.7 32.1 96.5

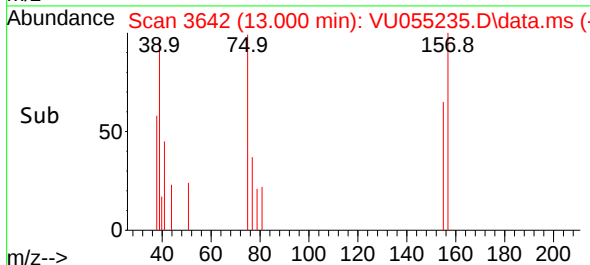
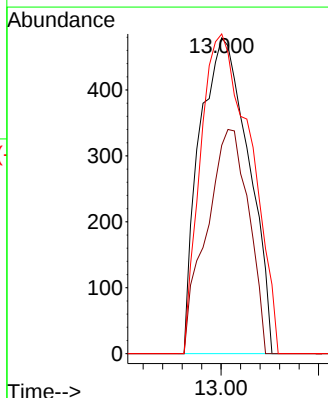
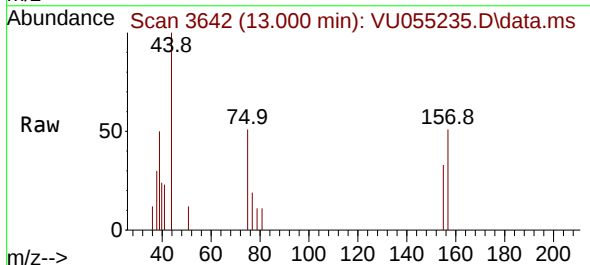
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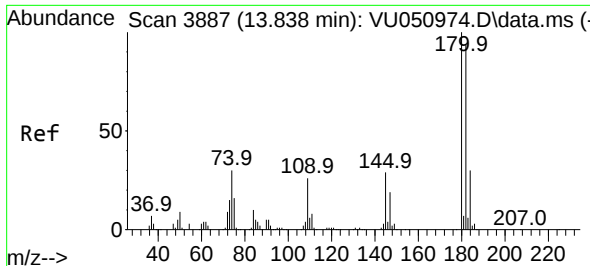
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#86
1,2-Dibromo-3-Chloropropane
Concen: 0.425 ug/l
RT: 13.000 min Scan# 3642
Delta R.T. 0.004 min
Lab File: VU055235.D
Acq: 11 Sep 2023 15:14

Tgt Ion: 75 Resp: 837
Ion Ratio Lower Upper
75 100
155 61.1 61.8 92.8#
157 103.3 80.2 120.4





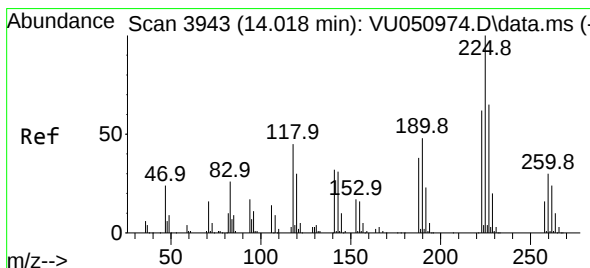
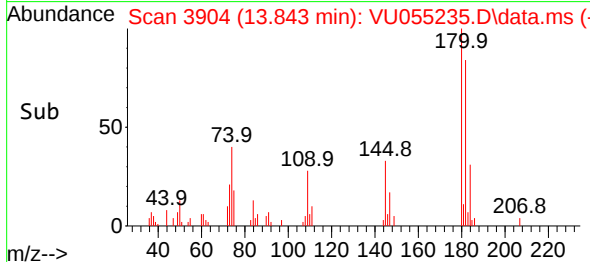
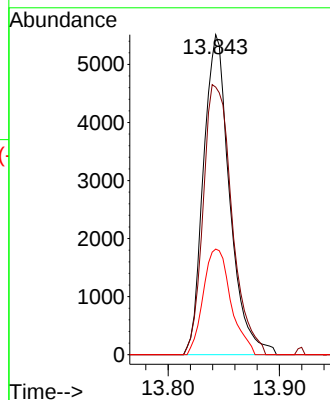
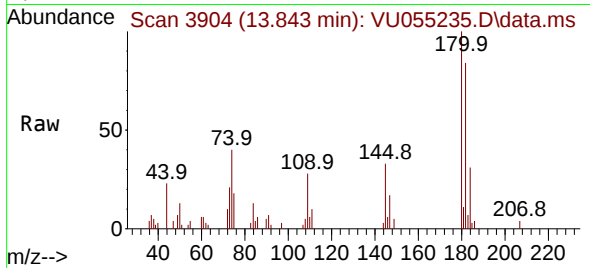
#87
1,2,4-Trichlorobenzene
Concen: 0.458 ug/l
RT: 13.843 min Scan# 3904
Delta R.T. 0.005 min
Lab File: VU055235.D
Acq: 11 Sep 2023 15:14

Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

Tgt Ion:180 Resp: 9019
Ion Ratio Lower Upper
180 100
182 92.3 75.8 113.6
145 34.7 23.9 35.9

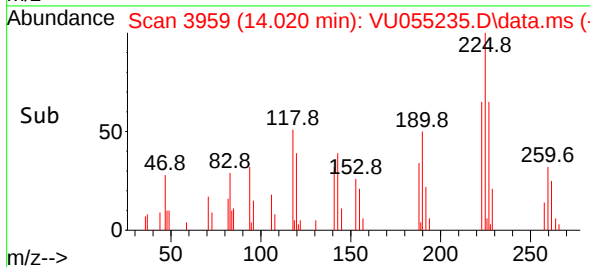
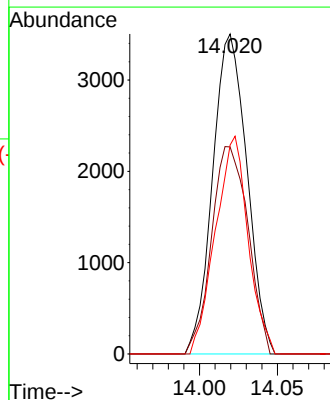
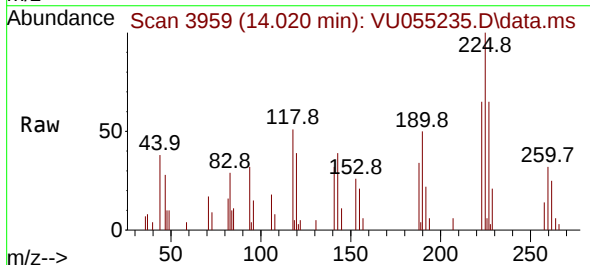
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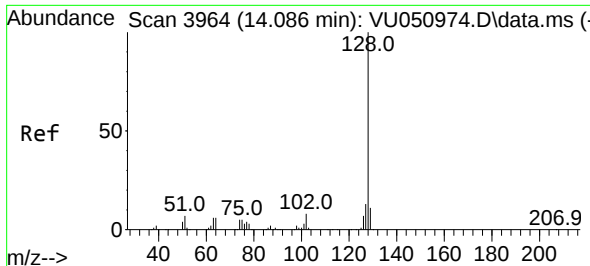
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#88
Hexachlorobutadiene
Concen: 0.426 ug/l
RT: 14.020 min Scan# 3959
Delta R.T. 0.002 min
Lab File: VU055235.D
Acq: 11 Sep 2023 15:14

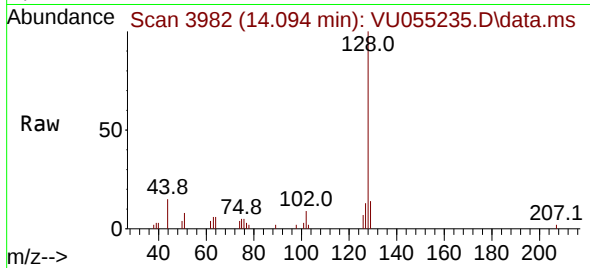
Tgt Ion:225 Resp: 5360
Ion Ratio Lower Upper
225 100
223 68.9 50.2 75.4
227 64.9 51.5 77.3





#89
Naphthalene
Concen: 0.528 ug/l
RT: 14.094 min Scan# 3964
Delta R.T. 0.008 min
Lab File: VU055235.D
Acq: 11 Sep 2023 15:14

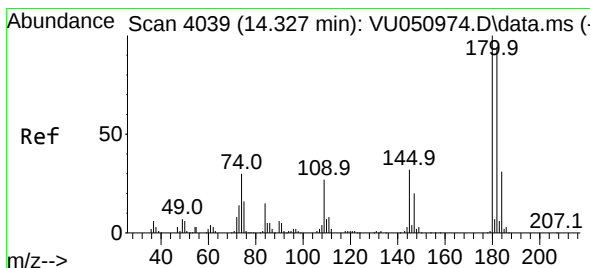
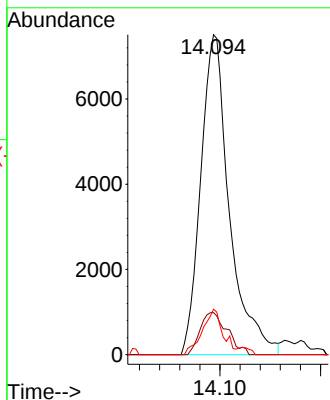
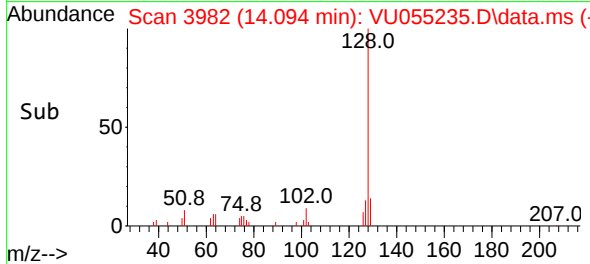
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



Tgt Ion:128 Resp: 14850
Ion Ratio Lower Upper
128 100
127 12.4 10.9 16.3
129 10.2 8.6 12.8

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Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#90
1,2,3-Trichlorobenzene
Concen: 0.472 ug/l
RT: 14.331 min Scan# 4056
Delta R.T. 0.004 min
Lab File: VU055235.D
Acq: 11 Sep 2023 15:14

Tgt Ion:180 Resp: 8055
Ion Ratio Lower Upper
180 100
182 100.6 75.7 113.5
145 32.0 26.1 39.1

