

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022723\
 Data File : VU053152.D
 Acq On : 27 Feb 2023 14:13
 Operator : JC/MD
 Sample : VSTDICV010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVU022723

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 02/28/2023
 Supervised By :Mahesh Dadoda 02/28/2023

Quant Time: Feb 28 03:40:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U022723DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 28 03:35:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.112	96	27853	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	11459	0.975	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.000%	
68) 1,2-Dichlorobenzene-d4	12.189	152	10077	1.081	ug/l	0.00
Spiked Amount 1.000			Recovery	=	108.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.386	85	61384	8.683	ug/l	100
3) Chloromethane	1.521	50	71920	9.873	ug/l	98
4) Vinyl Chloride	1.605	62	83461	10.761	ug/l	99
5) Bromomethane	1.859	94	52141	11.810	ug/l	97
6) Chloroethane	1.936	64	52874	11.222	ug/l	98
7) Trichlorofluoromethane	2.142	101	113999	10.210	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.582	101	70658	10.122	ug/l	99
9) 1,1-Dichloroethene	2.582	96	68354	11.273	ug/l	99
10) Iodomethane	2.724	142	76170	12.213	ug/l	99
11) Allyl Chloride	2.923	41	98672	10.424	ug/l	99
12) Acrylonitrile	3.315	53	75315	48.513	ug/l	96
13) Acetone	2.637	43	94680m	42.662	ug/l	
14) Carbon Disulfide	2.794	76	197677	14.211	ug/l	100
15) Methylene Chloride	3.045	84	84686	9.772	ug/l	94
16) trans-1,2-Dichloroethene	3.350	96	76319	11.451	ug/l	96
17) 1,1-Dichloroethane	3.865	63	147363	10.105	ug/l	99
18) 2-Butanone	4.714	43	108510	40.725	ug/l	97
19) Cyclohexane	5.383	56	125347m	10.763	ug/l	
20) Methylcyclohexane	6.759	83	136665	12.227	ug/l	98
21) 2,2-Dichloropropane	4.662	77	128805	10.082	ug/l	99
22) cis-1,2-Dichloroethene	4.662	96	88190	10.722	ug/l	96
23) Diethyl Ether	2.376	59	49482	9.974	ug/l	98
24) tert-Butyl Alcohol	3.232	59	24421	41.905	ug/l	# 71
25) Methyl tert-Butyl Ether	3.363	73	182123	10.331	ug/l	97
26) Bromochloromethane	4.971	128	30360	9.545	ug/l	90
27) Chloroform	5.087	83	146084	9.723	ug/l	99
28) 1,1,1-Trichloroethane	5.312	97	124131	9.836	ug/l	98
29) 1,1-Dichloropropene	5.521	75	104637	11.062	ug/l	99
30) Carbon Tetrachloride	5.518	117	94487	10.873	ug/l	99
31) Isopropyl Ether	3.994	45	220870	9.495	ug/l	# 1
34) Propionitrile	4.788	54	59060	95.284	ug/l	98
35) Benzene	5.768	78	301673	10.809	ug/l	100
36) 1,2-Dichloroethane	5.791	62	82910	9.938	ug/l	99
37) Trichloroethene	6.540	130	72835	11.373	ug/l	94
38) 1,2-Dichloropropane	6.788	63	81673	10.119	ug/l	98
39) Methacrylonitrile	4.974	41	24611m	9.308	ug/l	
40) Methyl acrylate	4.849	55	42521	10.404	ug/l	98
41) Tetrahydrofuran	5.064	42	58268	44.946	ug/l	96
42) 1-Chlorobutane	5.453	56	142680	10.837	ug/l	99
43) Dibromomethane	6.916	93	39374	11.006	ug/l	98
44) Bromodichloromethane	7.103	83	102779	10.502	ug/l	98
45) 4-Methyl-2-Pentanone	7.794	43	213544	48.890	ug/l	97
46) t-1,4-Dichloro-2-butene	10.820	75	40746m	18.512	ug/l	

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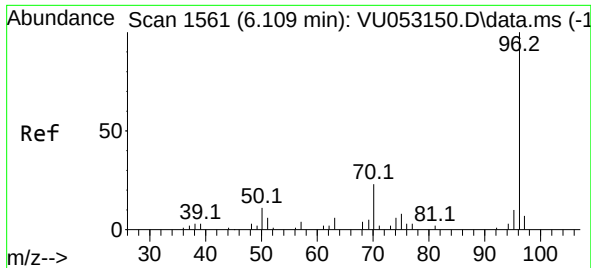
Quant Time: Feb 28 03:40:34 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Methyl methacrylate	6.961	69	38505	10.457	ug/l	97
48) Ethyl methacrylate	8.334	69	80398	10.640	ug/l	97
49) Toluene	7.964	92	194957	11.343	ug/l	99
50) t-1,3-Dichloropropene	8.209	75	104921	11.036	ug/l	100
51) cis-1,3-Dichloropropene	7.604	75	126119	10.947	ug/l	96
52) 1,1,2-Trichloroethane	8.399	97	55715	10.603	ug/l	98
53) 1,3-Dichloropropane	8.572	76	99550	10.567	ug/l	100
54) 2-Hexanone	8.685	43	170016	45.685	ug/l	98
55) Dibromochloromethane	8.807	129	62656	10.451	ug/l	100
56) 1,2-Dibromoethane	8.919	107	52147	11.170	ug/l	99
58) Tetrachloroethene	8.550	164	59784	11.707	ug/l	97
59) Chlorobenzene	9.443	112	203513	10.589	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.530	131	67787	10.677	ug/l	99
61) Pentachloroethane	11.424	117	60137	10.902	ug/l	97
62) Hexachloroethane	12.472	117	65051	10.696	ug/l	97
63) Ethyl Benzene	9.566	91	396387	11.175	ug/l	99
64) m/p-Xylenes	9.691	106	300792	23.380	ug/l	96
65) o-Xylene	10.096	106	146162	11.125	ug/l	96
66) Styrene	10.112	104	242827	11.659	ug/l	98
67) Bromoform	10.289	173	31993	10.973	ug/l	100
69) Isopropylbenzene	10.482	105	390211	11.089	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.778	83	72116	10.184	ug/l	98
71) 1,2,3-Trichloropropane	10.820	75	57201m	9.385	ug/l	
72) Bromobenzene	10.778	156	78142	11.444	ug/l	94
73) n-propylbenzene	10.903	120	105723	11.324	ug/l	99
74) 2-Chlorotoluene	10.984	126	87728	11.349	ug/l	95
75) 1,3,5-Trimethylbenzene	11.083	105	333514	11.390	ug/l	99
76) 4-Chlorotoluene	11.093	126	89849	11.057	ug/l	94
77) tert-Butylbenzene	11.418	119	315404	10.992	ug/l	99
78) 1,2,4-Trimethylbenzene	11.463	105	333463	11.174	ug/l	99
79) sec-Butylbenzene	11.640	105	449511	11.289	ug/l	99
80) Nitrobenzene	13.209	77	3879m	10.480	ug/l	
81) p-Isopropyltoluene	11.791	119	359687	11.403	ug/l	98
82) 1,3-Dichlorobenzene	11.742	146	169280	11.292	ug/l	100
83) 1,4-Dichlorobenzene	11.832	146	168858	11.033	ug/l	99
84) n-Butylbenzene	12.205	91	369983	11.322	ug/l	99
85) 1,2-Dichlorobenzene	12.209	146	154312	10.796	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.993	75	12120	9.042	ug/l	87
87) 1,2,4-Trichlorobenzene	13.836	180	103686	11.820	ug/l	99
88) Hexachlorobutadiene	14.019	225	48680	11.362	ug/l	99
89) Naphthalene	14.083	128	215042	11.523	ug/l	99
90) 1,2,3-Trichlorobenzene	14.324	180	89581	11.606	ug/l	99

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.112 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

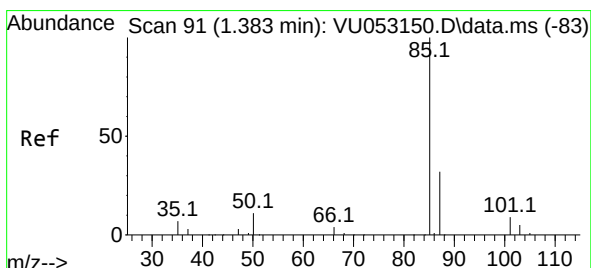
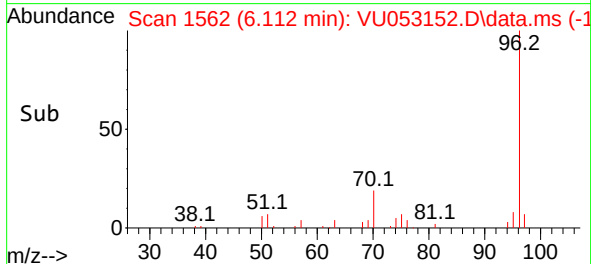
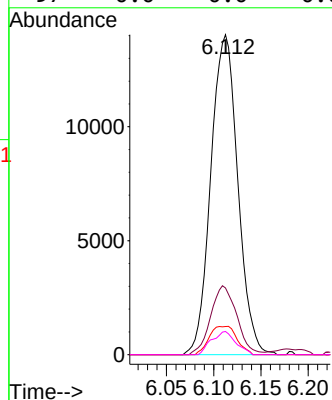
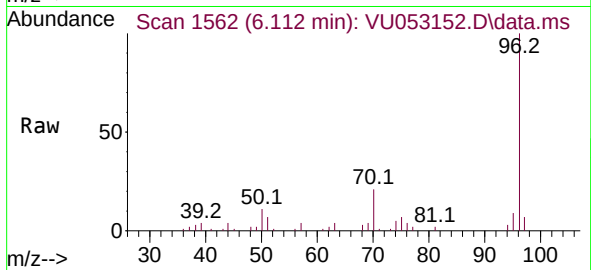
Instrument :
MSVOA_U
ClientSampleId :
ICVVU022723

Tgt Ion: 96 Resp: 2785

Ion	Ratio	Lower	Upper
96	100		
70	19.9	15.5	23.3
95	9.1	7.0	10.6
97	0.0	0.0	0.0

Manual Integrations
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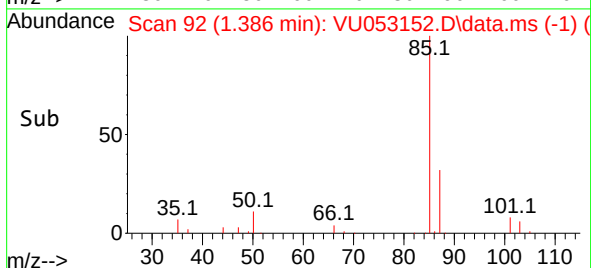
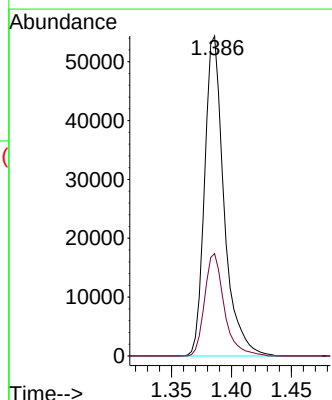
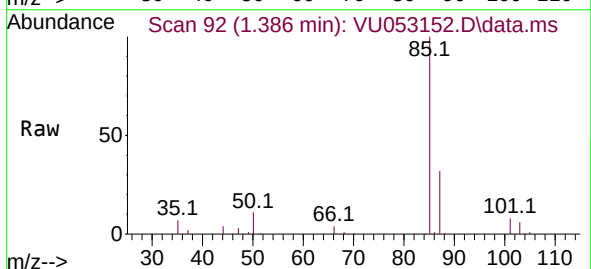
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Supervised By :Mahesh Dadoda 02/28/2023

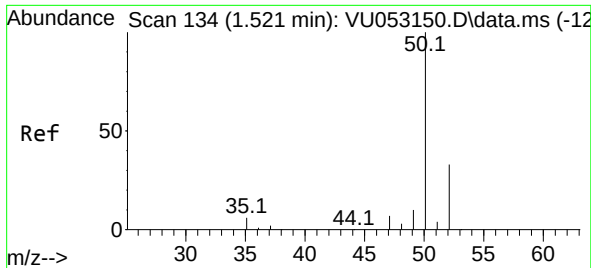


#2
Dichlorodifluoromethane
Concen: 8.683 ug/l
RT: 1.386 min Scan# 92
Delta R.T. 0.003 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

Tgt Ion: 85 Resp: 61384

Ion	Ratio	Lower	Upper
85	100		
87	32.0	16.1	48.2





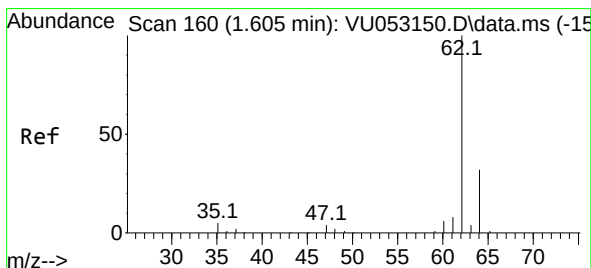
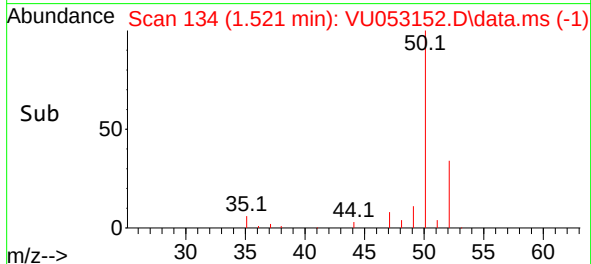
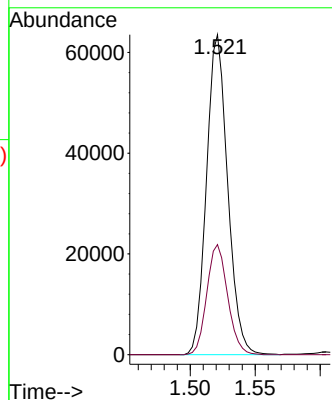
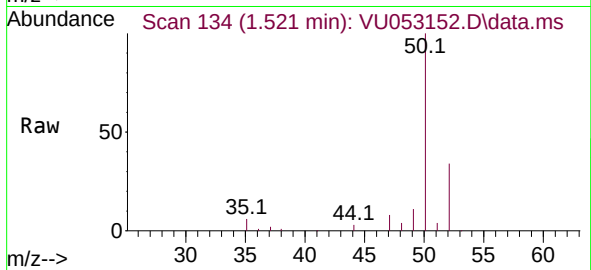
#3
Chloromethane
Concen: 9.873 ug/l
RT: 1.521 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

Instrument :
MSVOA_U
ClientSampleId :
ICVVU022723

Tgt Ion: 50 Resp: 71920
Ion Ratio Lower Upper
50 100
52 34.4 26.7 40.1

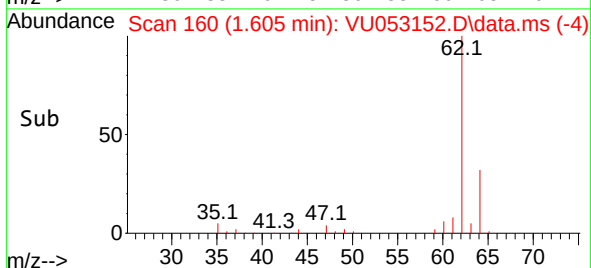
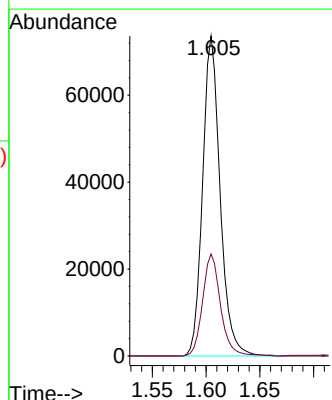
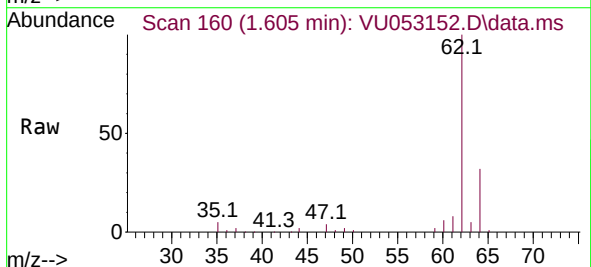
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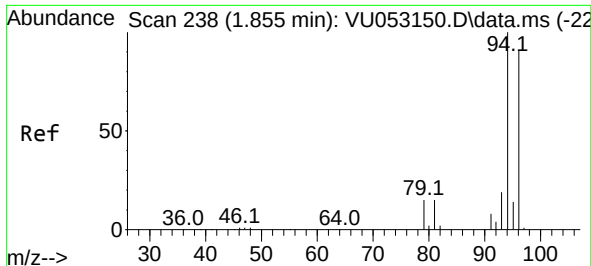
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#4
Vinyl Chloride
Concen: 10.761 ug/l
RT: 1.605 min Scan# 160
Delta R.T. 0.000 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

Tgt Ion: 62 Resp: 83461
Ion Ratio Lower Upper
62 100
64 31.8 25.8 38.6





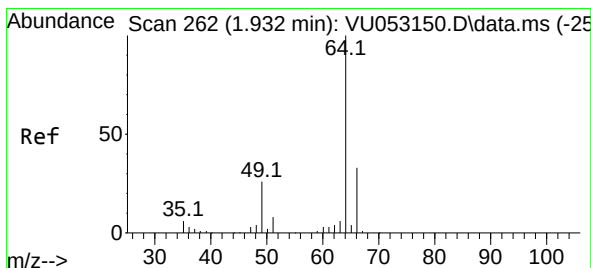
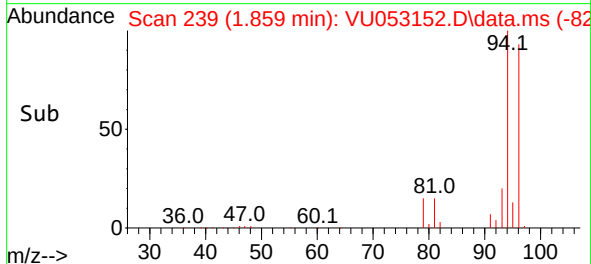
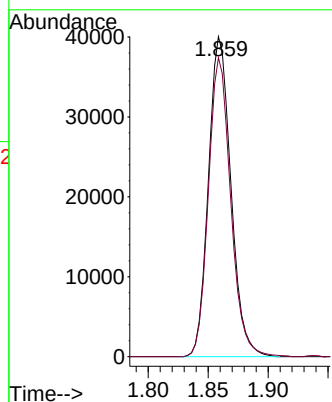
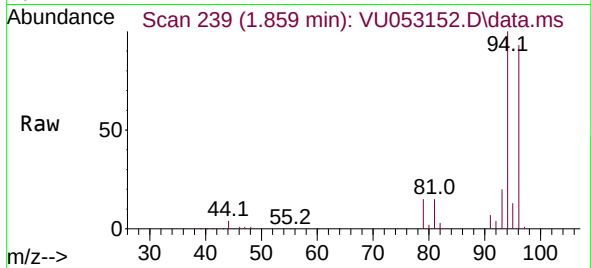
#5
Bromomethane
Concen: 11.810 ug/l
RT: 1.859 min Scan# 214
Delta R.T. 0.003 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

Instrument :
MSVOA_U
ClientSampleId :
ICVVU022723

Tgt Ion: 94 Resp: 5214
Ion Ratio Lower Upper
94 100
96 93.5 72.6 108.8

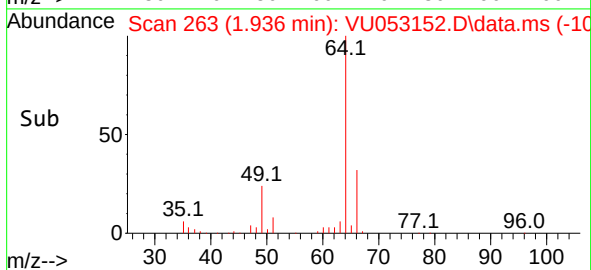
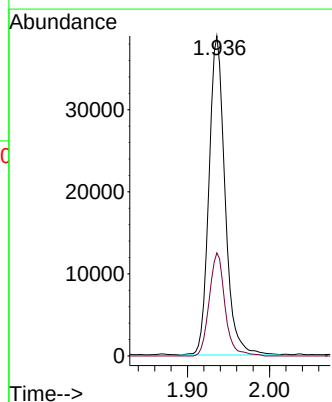
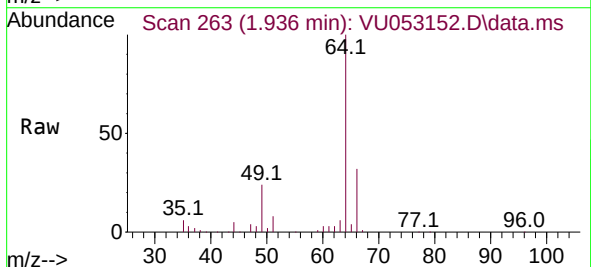
Manual Integrations
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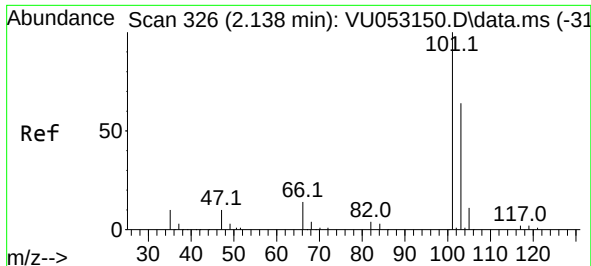
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#6
Chloroethane
Concen: 11.222 ug/l
RT: 1.936 min Scan# 263
Delta R.T. 0.003 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

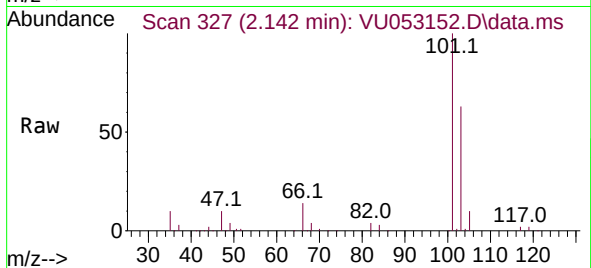
Tgt Ion: 64 Resp: 52874
Ion Ratio Lower Upper
64 100
66 32.3 26.8 40.2





#7
Trichlorofluoromethane
Concen: 10.210 ug/l
RT: 2.142 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

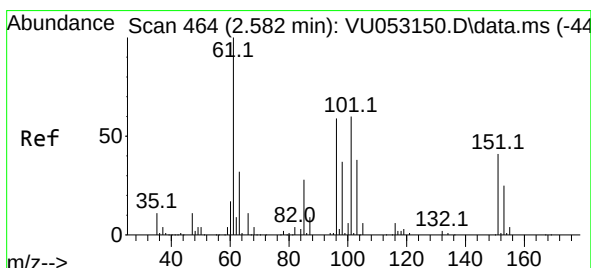
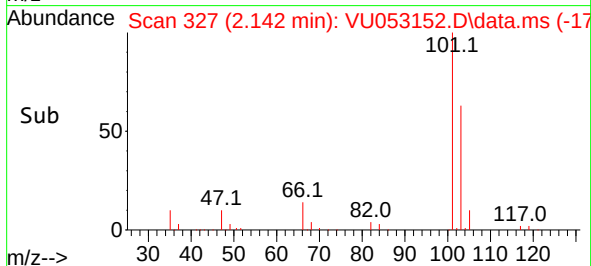
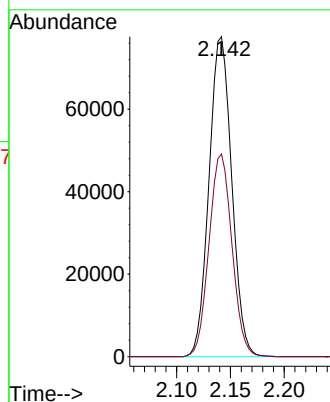
Instrument :
MSVOA_U
ClientSampleId :
ICVVU022723



Tgt Ion:101 Resp: 11399
Ion Ratio Lower Upper
101 100
103 63.4 51.2 76.8

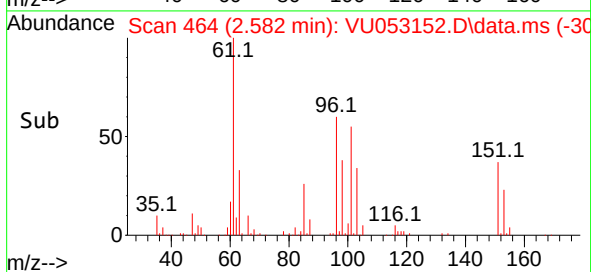
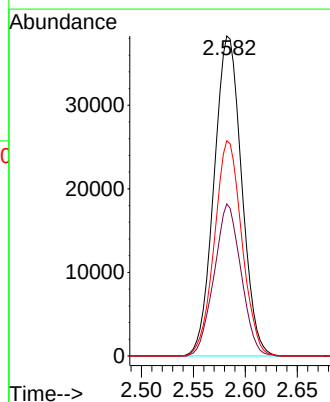
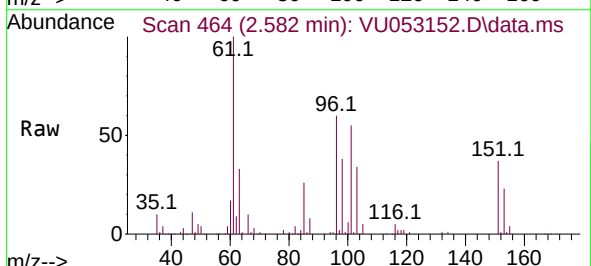
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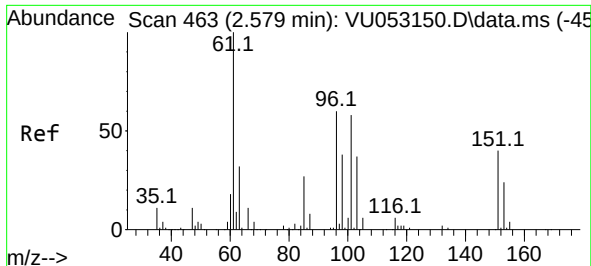
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 10.122 ug/l
RT: 2.582 min Scan# 464
Delta R.T. 0.000 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

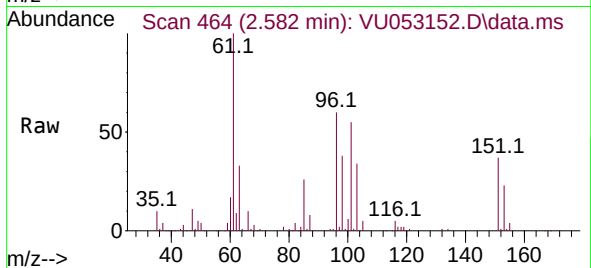
Tgt Ion:101 Resp: 70658
Ion Ratio Lower Upper
101 100
85 46.3 37.3 55.9
151 67.0 52.4 78.6





#9
1,1-Dichloroethene
Concen: 11.273 ug/l
RT: 2.582 min Scan# 464
Delta R.T. 0.003 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

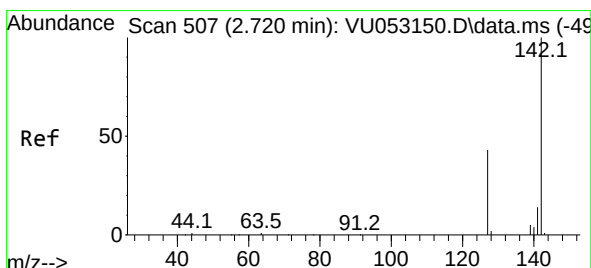
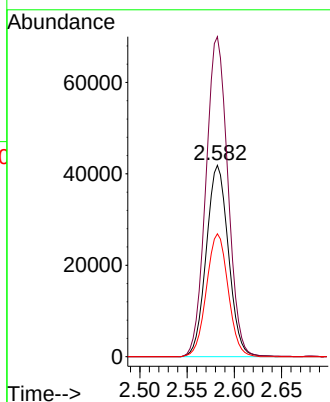
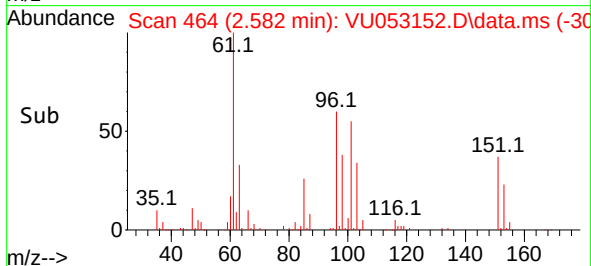
Instrument :
MSVOA_U
Client Sample Id :
ICVVU022723



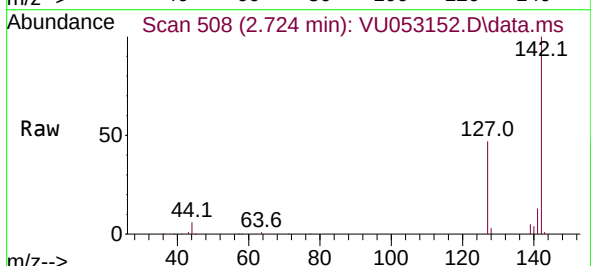
Tgt Ion: 96 Resp: 68354
Ion Ratio Lower Upper
96 100
61 167.2 0.0 502.5
98 64.2 0.0 126.2

Manual Integrations
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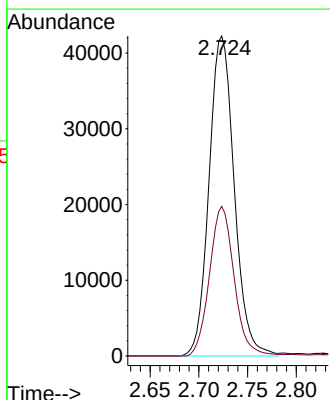
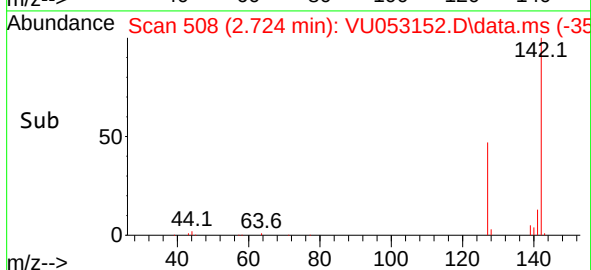
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

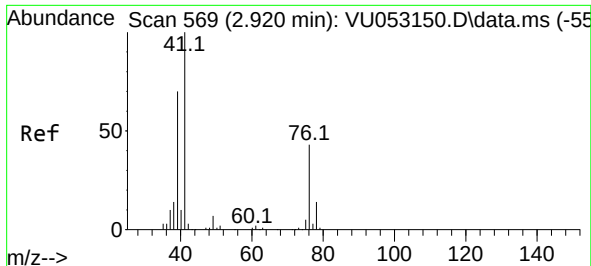


#10
Iodomethane
Concen: 12.213 ug/l
RT: 2.724 min Scan# 508
Delta R.T. 0.003 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13



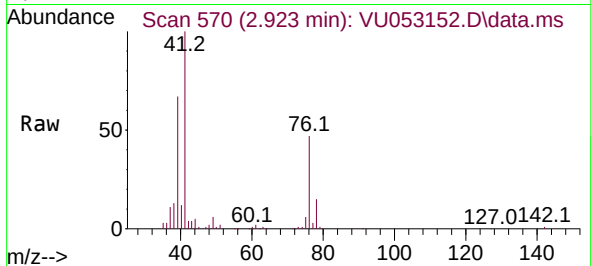
Tgt Ion:142 Resp: 76170
Ion Ratio Lower Upper
142 100
127 45.6 35.8 53.8





#11
 Allyl Chloride
 Concen: 10.424 ug/l
 RT: 2.923 min Scan# 51
 Delta R.T. 0.003 min
 Lab File: VU053152.D
 Acq: 27 Feb 2023 14:13

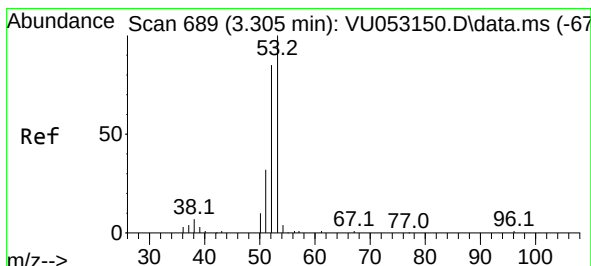
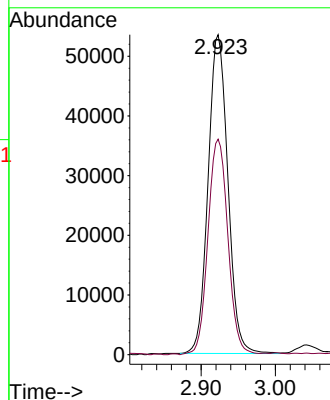
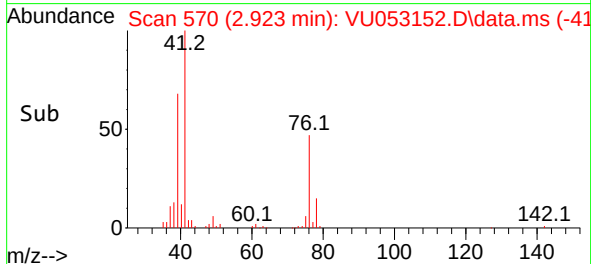
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU022723



Tgt Ion: 41 Resp: 98672
 Ion Ratio Lower Upper
 41 100
 39 68.2 55.3 82.9

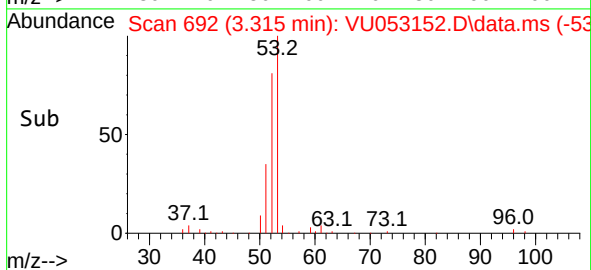
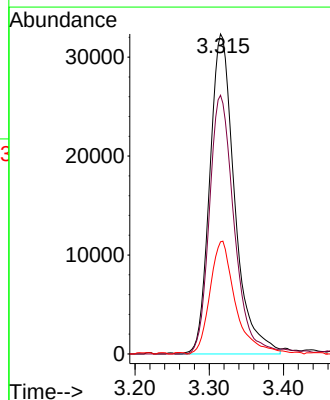
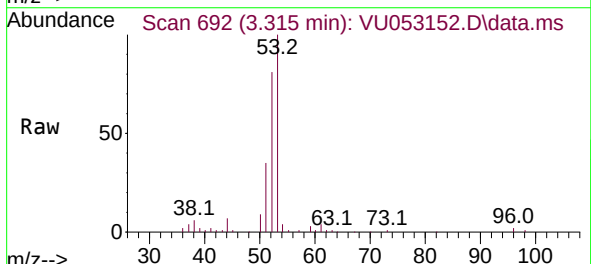
Manual Integrations
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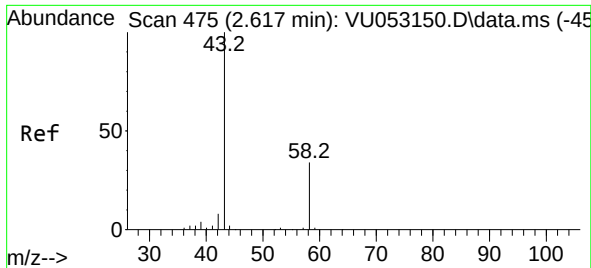
Reviewed By :Krupa Patel 02/28/2023
 Supervised By :Mahesh Dadoda 02/28/2023



#12
 Acrylonitrile
 Concen: 48.513 ug/l
 RT: 3.315 min Scan# 692
 Delta R.T. 0.010 min
 Lab File: VU053152.D
 Acq: 27 Feb 2023 14:13

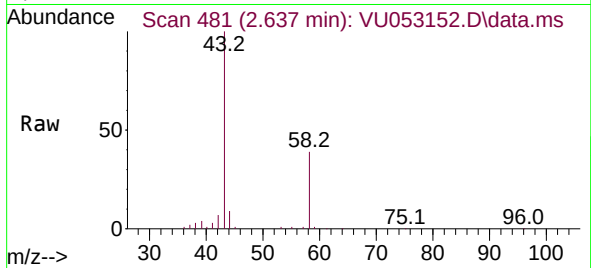
Tgt Ion: 53 Resp: 75315
 Ion Ratio Lower Upper
 53 100
 52 80.1 65.9 98.9
 51 36.2 31.8 47.8





#13
Acetone
Concen: 42.662 ug/l m
RT: 2.637 min Scan# 41
Delta R.T. 0.019 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

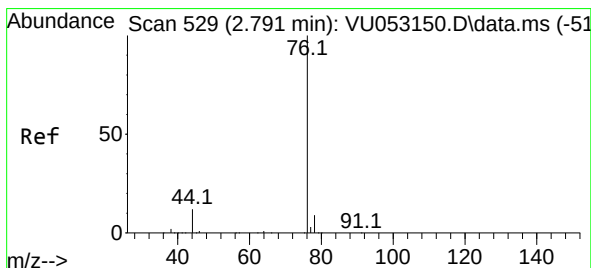
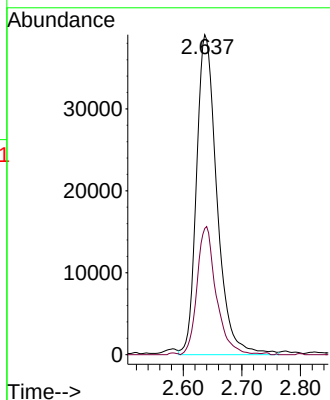
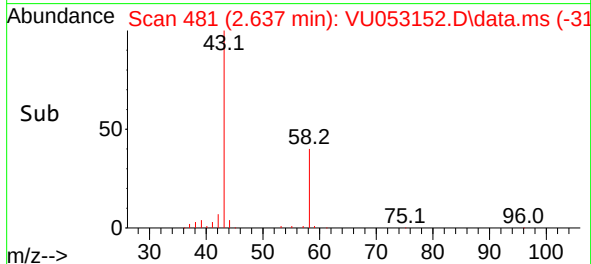
Instrument :
MSVOA_U
ClientSampleId :
ICVVU022723



Tgt Ion: 43 Resp: 94680
Ion Ratio Lower Upper
43 100
58 39.4 27.2 40.8

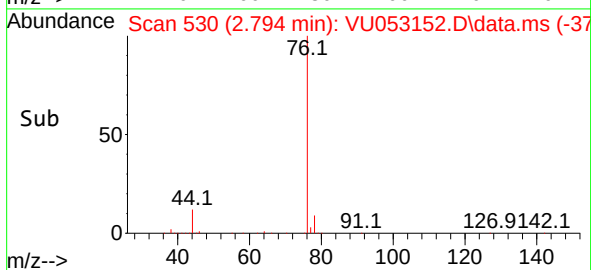
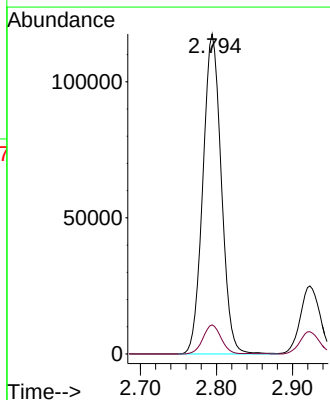
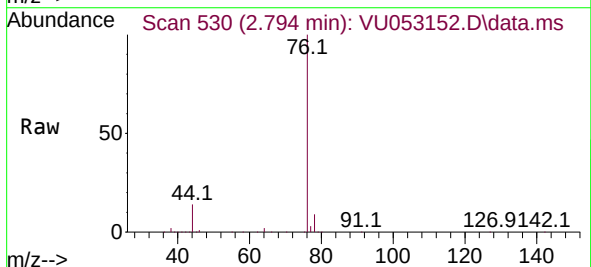
Manual Integrations
APPROVED

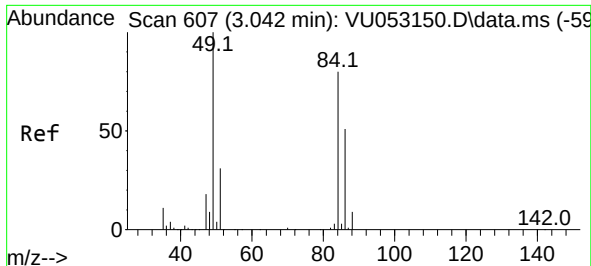
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#14
Carbon Disulfide
Concen: 14.211 ug/l
RT: 2.794 min Scan# 530
Delta R.T. 0.003 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

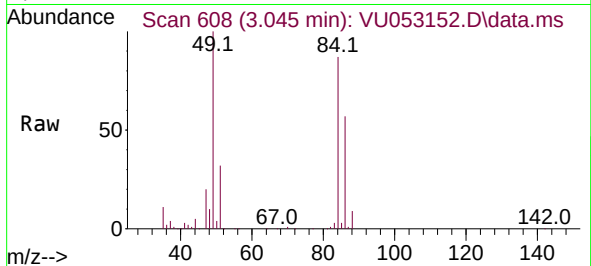
Tgt Ion: 76 Resp: 197677
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8





#15
Methylene Chloride
Concen: 9.772 ug/l
RT: 3.045 min Scan# 607
Delta R.T. 0.003 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

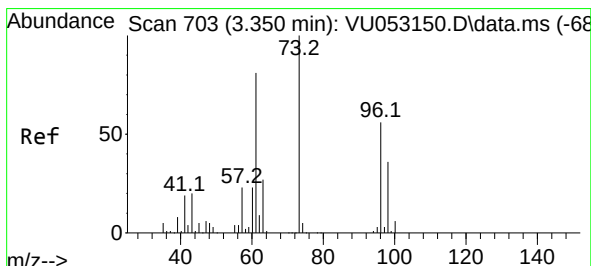
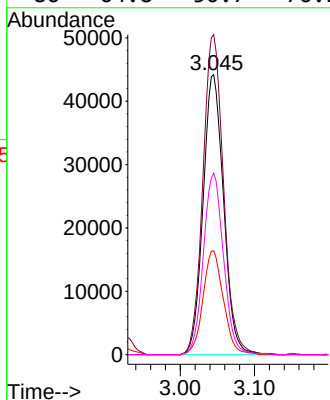
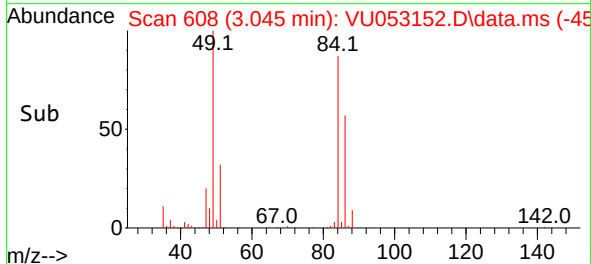
Instrument :
MSVOA_U
ClientSampleId :
ICVVU022723



Tgt Ion: 84 Resp: 84680
Ion Ratio Lower Upper
84 100
49 114.3 99.5 149.3
51 37.1 0.0 76.8
86 64.8 50.7 76.1

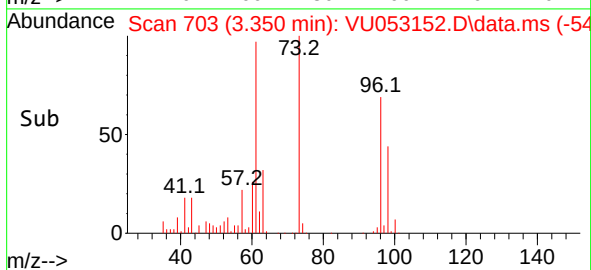
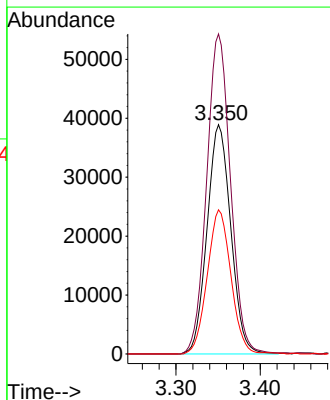
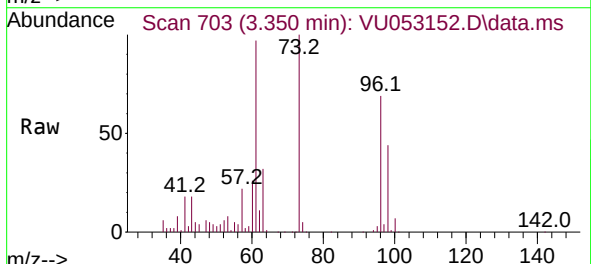
Manual Integrations
APPROVED

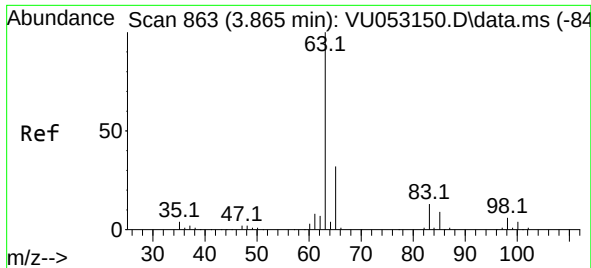
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#16
trans-1,2-Dichloroethene
Concen: 11.451 ug/l
RT: 3.350 min Scan# 703
Delta R.T. 0.000 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

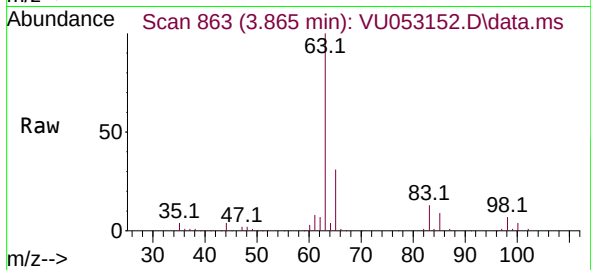
Tgt Ion: 96 Resp: 76319
Ion Ratio Lower Upper
96 100
61 139.6 116.1 174.1
98 62.9 51.4 77.2





#17
1,1-Dichloroethane
Concen: 10.105 ug/l
RT: 3.865 min Scan# 863
Delta R.T. 0.000 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

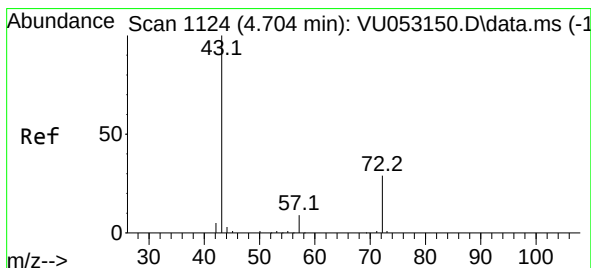
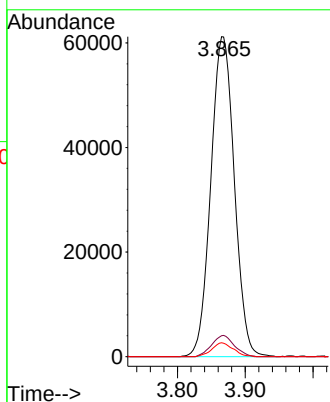
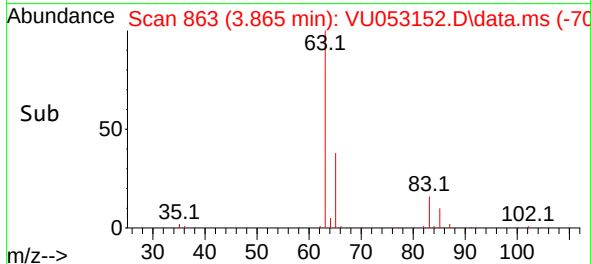
Instrument :
MSVOA_U
ClientSampleId :
ICVVU022723



Tgt Ion: 63 Resp: 14736
Ion Ratio Lower Upper
63 100
98 6.5 3.1 9.4
100 4.3 2.1 6.2

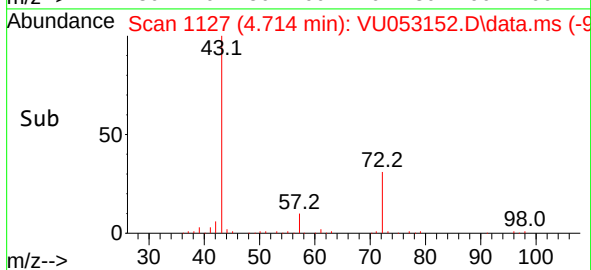
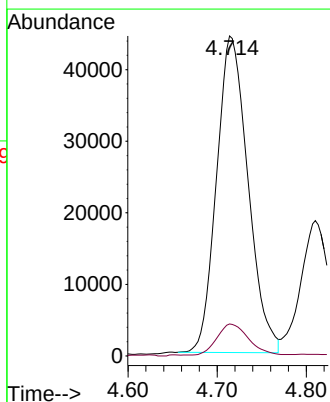
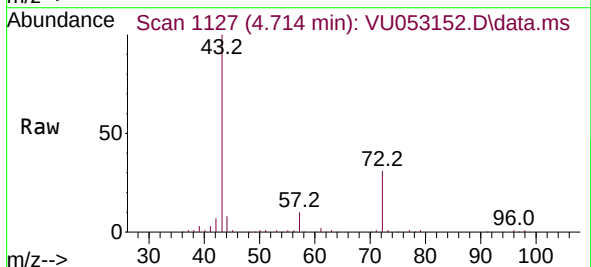
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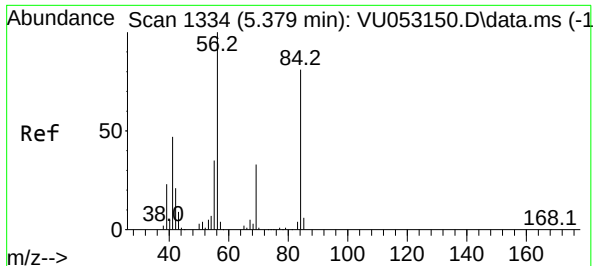
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#18
2-Butanone
Concen: 40.725 ug/l
RT: 4.714 min Scan# 1127
Delta R.T. 0.010 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

Tgt Ion: 43 Resp: 108510
Ion Ratio Lower Upper
43 100
57 9.8 0.0 17.6





#19

Cyclohexane

Concen: 10.763 ug/l m

RT: 5.383 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU053152.D

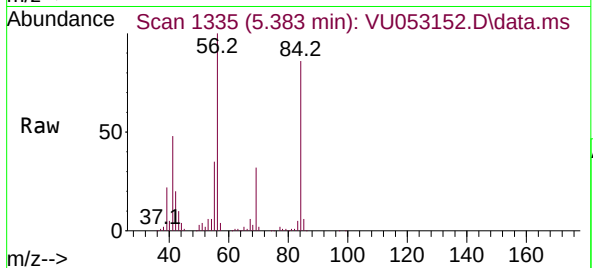
Acq: 27 Feb 2023 14:13

Instrument :

MSVOA_U

ClientSampleId :

ICVVU022723



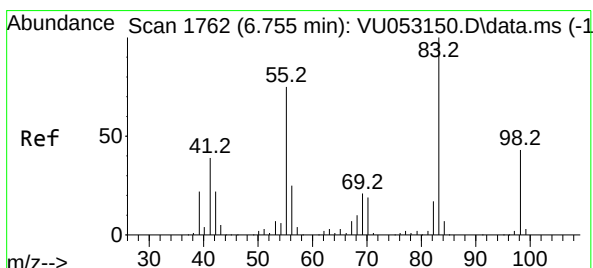
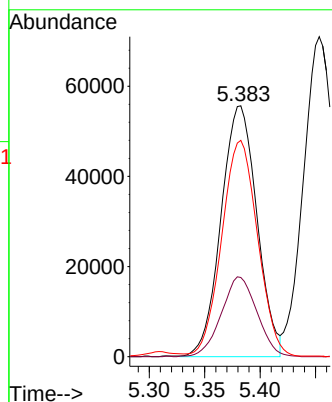
Tgt Ion:	56	Resp:	12534
Ion Ratio	Lower	Upper	
56	100		
69	31.6	26.1	39.1
84	84.6	64.7	97.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#20

Methylcyclohexane

Concen: 12.227 ug/l

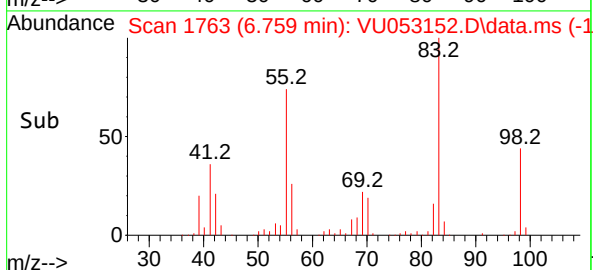
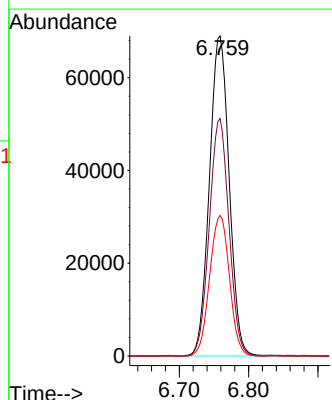
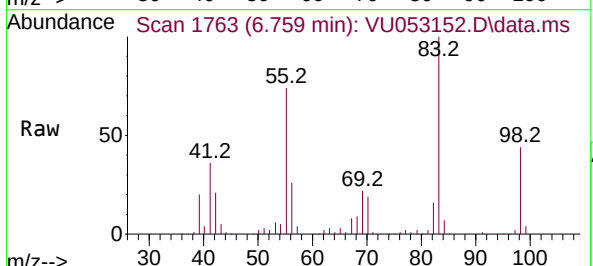
RT: 6.759 min Scan# 1763

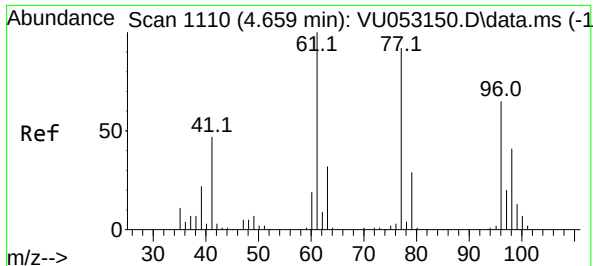
Delta R.T. 0.003 min

Lab File: VU053152.D

Acq: 27 Feb 2023 14:13

Tgt Ion:	83	Resp:	136665
Ion Ratio	Lower	Upper	
83	100		
55	73.7	60.2	90.2
98	44.0	33.9	50.9





#21

2,2-Dichloropropane

Concen: 10.082 ug/l

RT: 4.662 min Scan# 1111

Delta R.T. 0.003 min

Lab File: VU053152.D

Acq: 27 Feb 2023 14:13

Instrument :

MSVOA_U

ClientSampleId :

ICVVU022723

Tgt Ion: 77 Resp: 12880

Ion Ratio Lower Upper

77 100

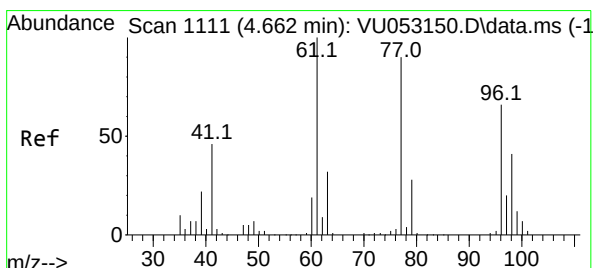
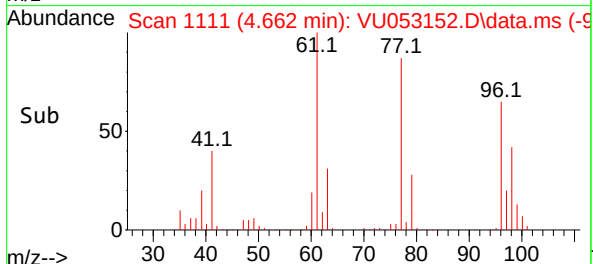
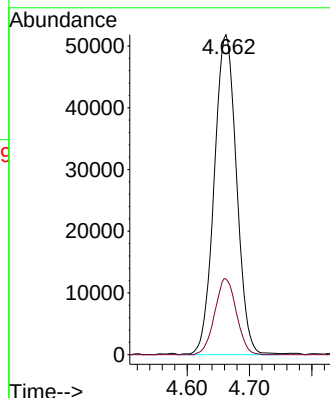
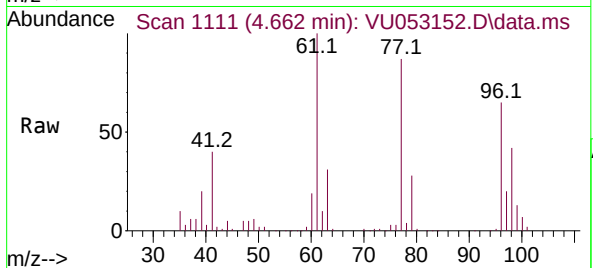
97 23.0 17.9 26.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#22

cis-1,2-Dichloroethene

Concen: 10.722 ug/l

RT: 4.662 min Scan# 1111

Delta R.T. 0.000 min

Lab File: VU053152.D

Acq: 27 Feb 2023 14:13

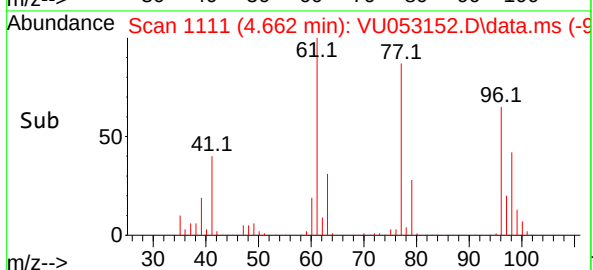
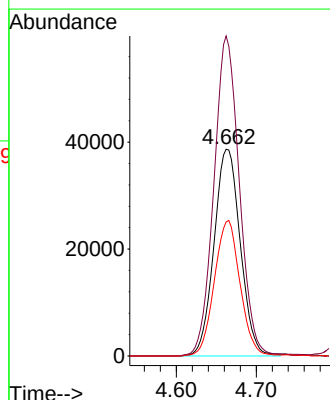
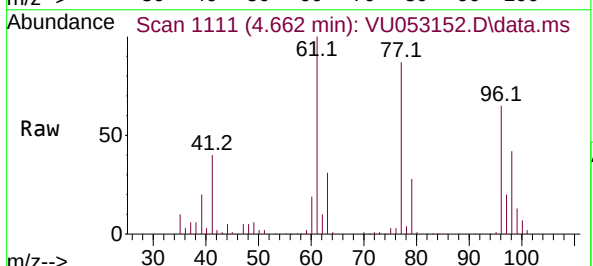
Tgt Ion: 96 Resp: 88190

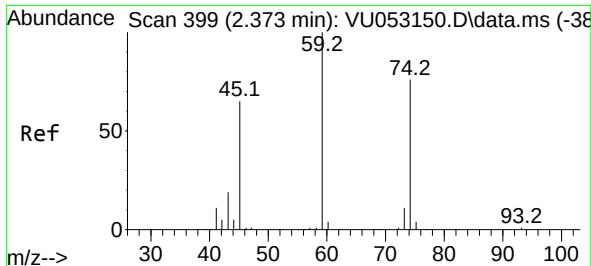
Ion Ratio Lower Upper

96 100

61 149.9 0.0 390.5

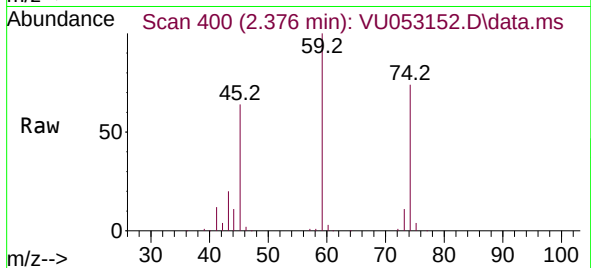
98 64.0 31.9 95.9





#23
Diethyl Ether
Concen: 9.974 ug/l
RT: 2.376 min Scan# 40
Delta R.T. 0.003 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

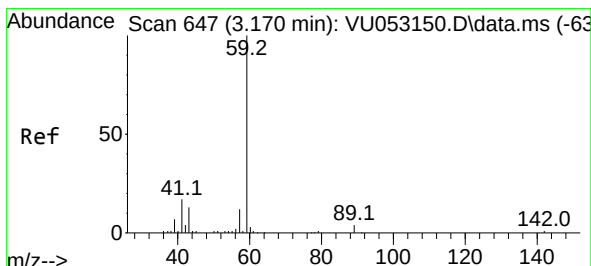
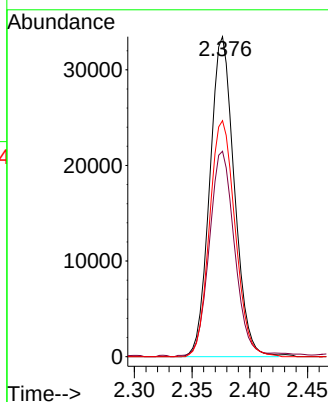
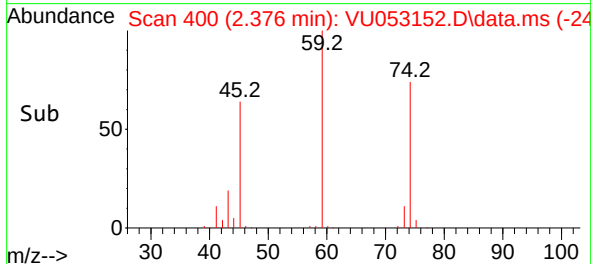
Instrument :
MSVOA_U
ClientSampleId :
ICVVU022723



Tgt Ion: 59 Resp: 4948
Ion Ratio Lower Upper
59 100
45 66.1 54.2 81.2
74 77.0 60.4 90.6

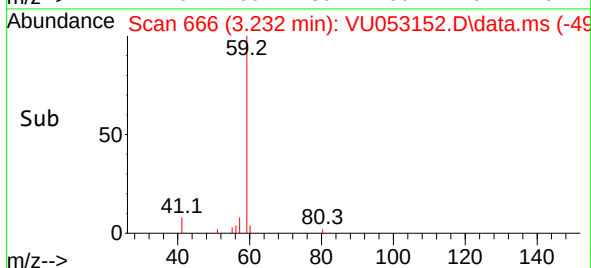
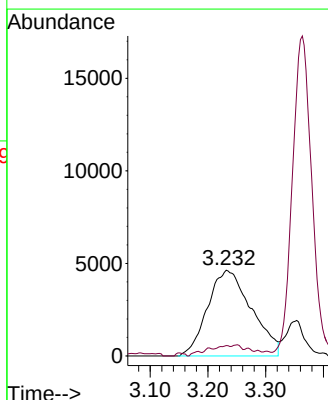
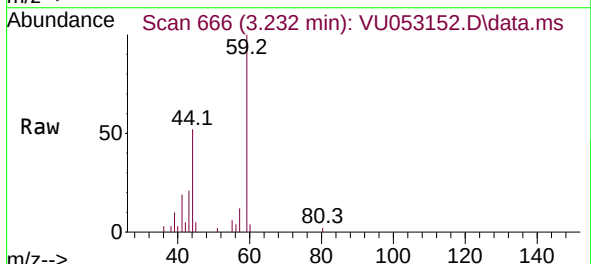
Manual Integrations
APPROVED

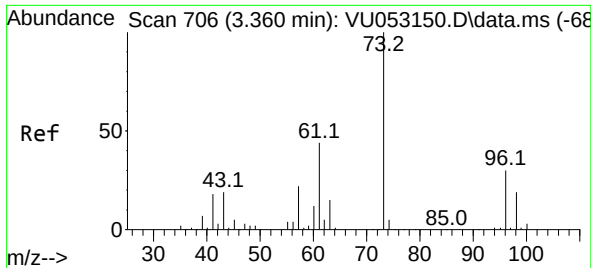
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#24
tert-Butyl Alcohol
Concen: 41.905 ug/l
RT: 3.232 min Scan# 666
Delta R.T. 0.061 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

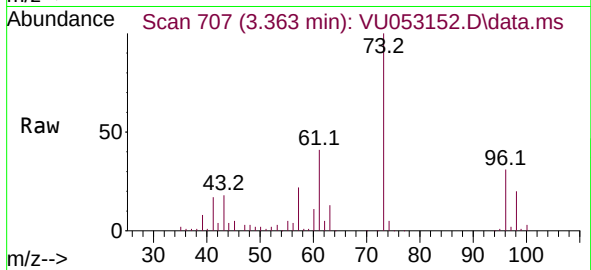
Tgt Ion: 59 Resp: 24421
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#





#25
Methyl tert-Butyl Ether
Concen: 10.331 ug/l
RT: 3.363 min Scan# 706
Delta R.T. 0.003 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

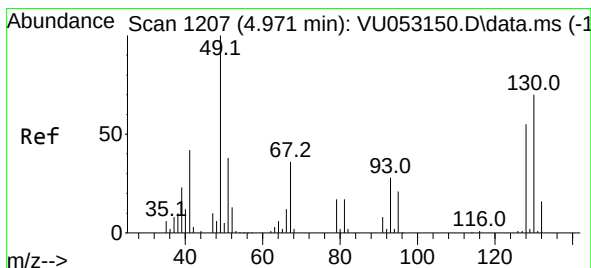
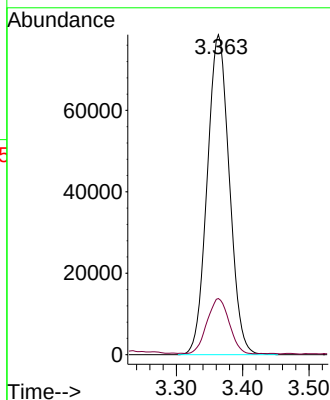
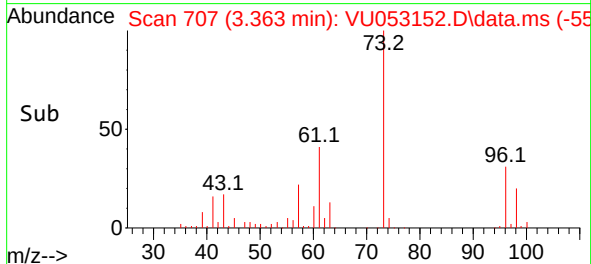
Instrument :
MSVOA_U
ClientSampleId :
ICVVU022723



Tgt Ion: 73 Resp: 18212
Ion Ratio Lower Upper
73 100
43 17.3 15.0 22.6

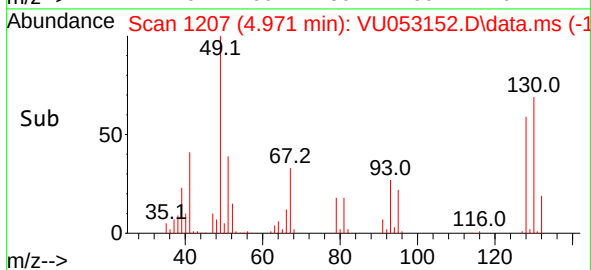
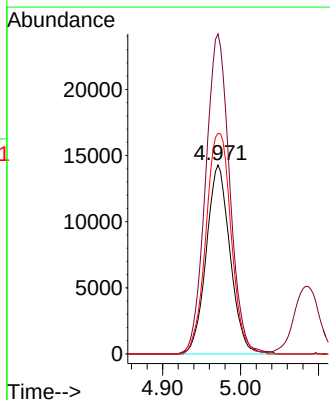
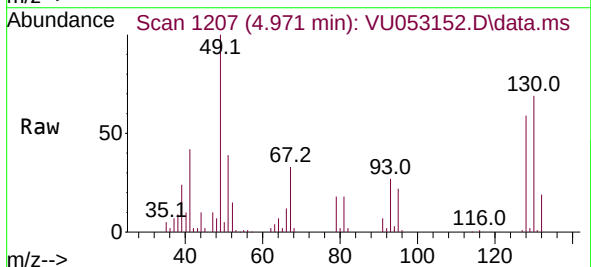
Manual Integrations
APPROVED

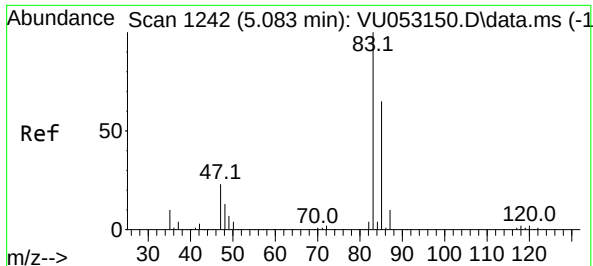
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#26
Bromochloromethane
Concen: 9.545 ug/l
RT: 4.971 min Scan# 1207
Delta R.T. 0.000 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

Tgt Ion:128 Resp: 30360
Ion Ratio Lower Upper
128 100
49 170.9 0.0 376.8
130 123.4 104.8 157.2





#27

Chloroform

Concen: 9.723 ug/l

RT: 5.087 min Scan# 1242

Delta R.T. 0.003 min

Lab File: VU053152.D

Acq: 27 Feb 2023 14:13

Instrument :

MSVOA_U

ClientSampleId :

ICVVU022723

Tgt Ion: 83 Resp: 146084

Ion Ratio Lower Upper

83 100

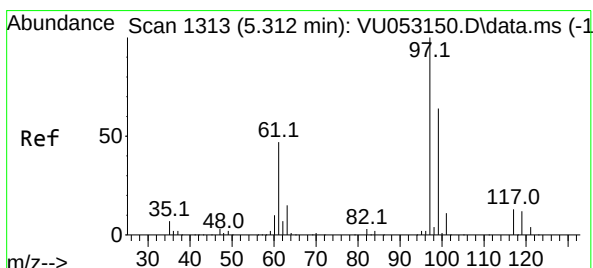
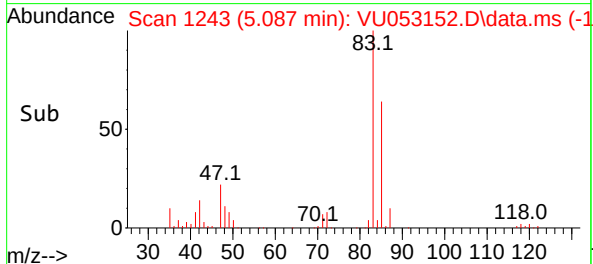
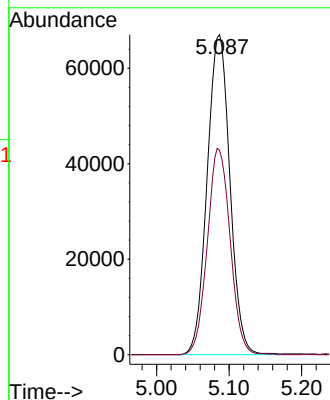
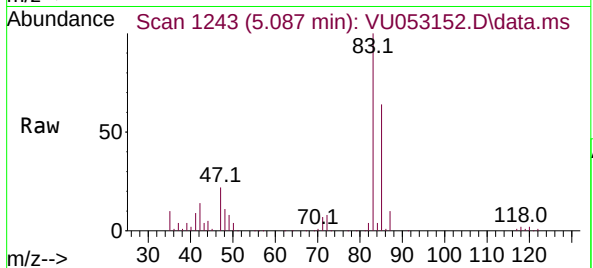
85 63.9 0.0 129.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#28

1,1,1-Trichloroethane

Concen: 9.836 ug/l

RT: 5.312 min Scan# 1313

Delta R.T. 0.000 min

Lab File: VU053152.D

Acq: 27 Feb 2023 14:13

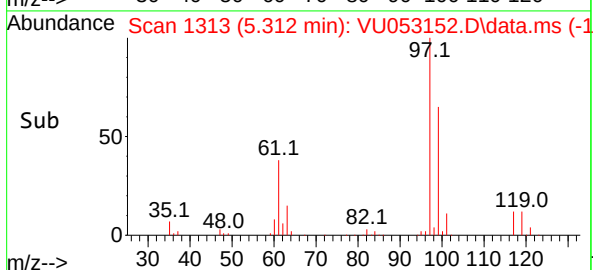
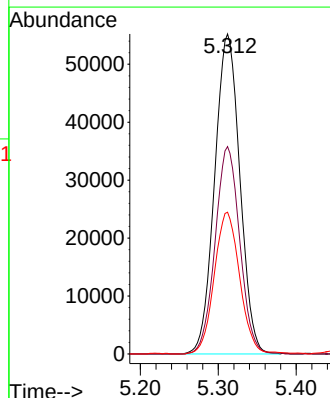
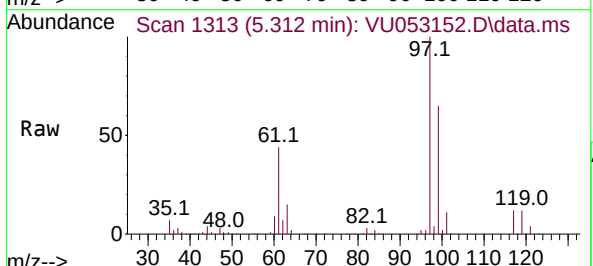
Tgt Ion: 97 Resp: 124131

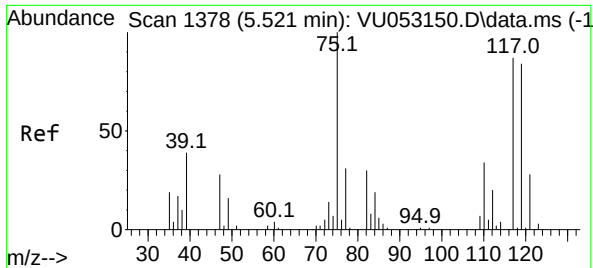
Ion Ratio Lower Upper

97 100

99 63.3 31.6 94.8

61 44.9 23.9 71.7





#29
1,1-Dichloropropene
Concen: 11.062 ug/l
RT: 5.521 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

Instrument :

MSVOA_U

ClientSampleId :

ICVVU022723

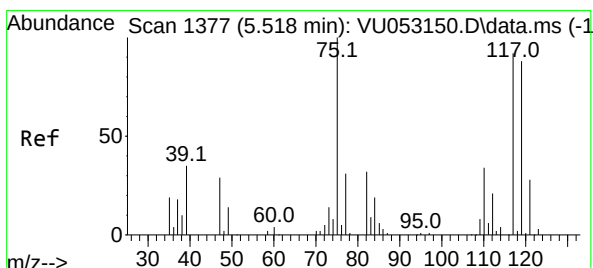
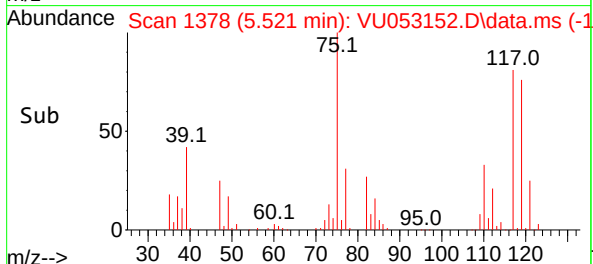
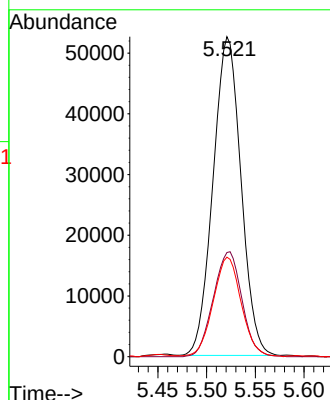
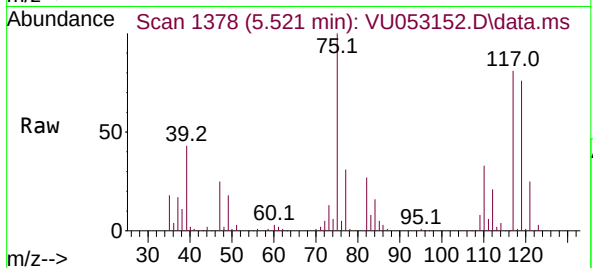
Tgt Ion: 75 Resp: 10463
Ion Ratio Lower Upper
75 100
110 33.6 16.3 48.8
77 31.6 24.9 37.3

Manual Integrations

APPROVED

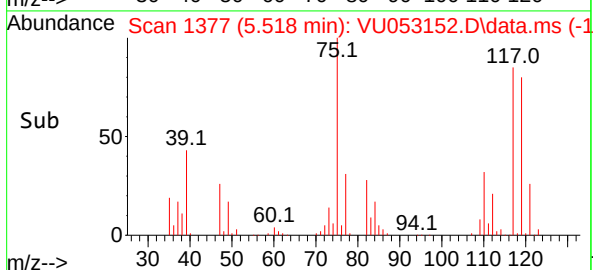
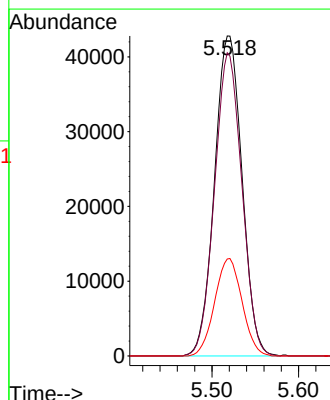
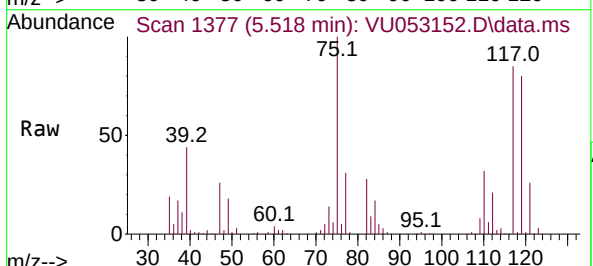
Reviewed By :Krupa Patel 02/28/2023

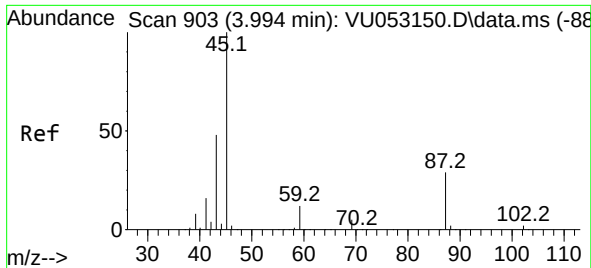
Supervised By :Mahesh Dadoda 02/28/2023



#30
Carbon Tetrachloride
Concen: 10.873 ug/l
RT: 5.518 min Scan# 1377
Delta R.T. 0.000 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

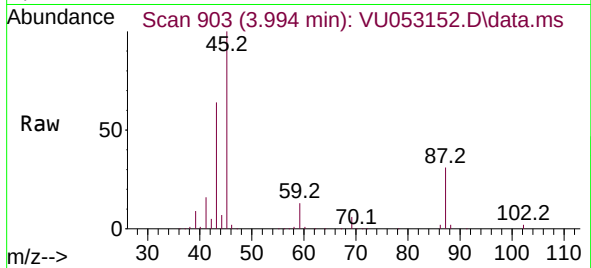
Tgt Ion:117 Resp: 94487
Ion Ratio Lower Upper
117 100
119 94.7 76.2 114.2
121 30.3 24.6 36.8





#31
Isopropyl Ether
Concen: 9.495 ug/l
RT: 3.994 min Scan# 903
Delta R.T. 0.000 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

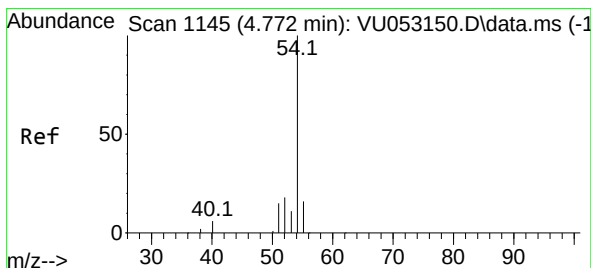
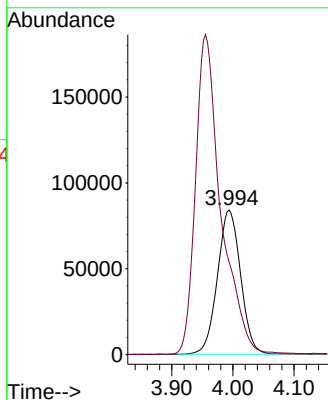
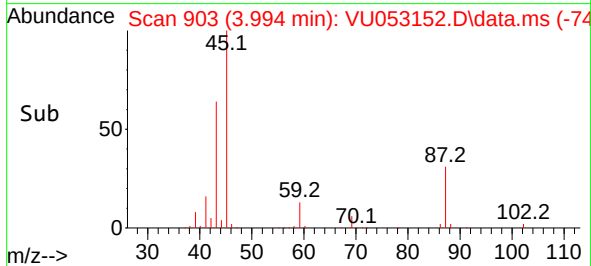
Instrument :
MSVOA_U
ClientSampleId :
ICVVU022723



Tgt Ion: 45 Resp: 220870
Ion Ratio Lower Upper
45 100
43 242.7 24.4 73.2

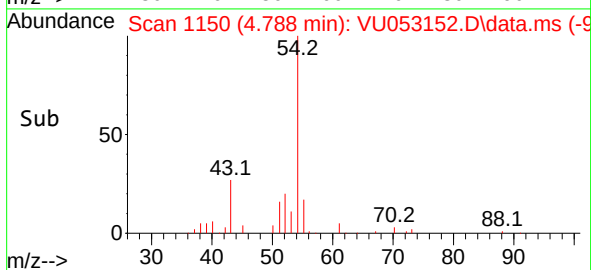
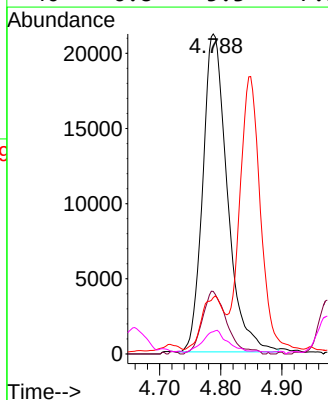
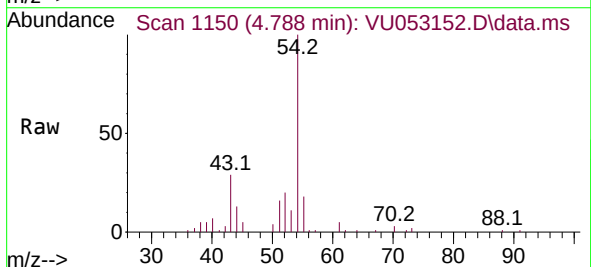
Manual Integrations
APPROVED

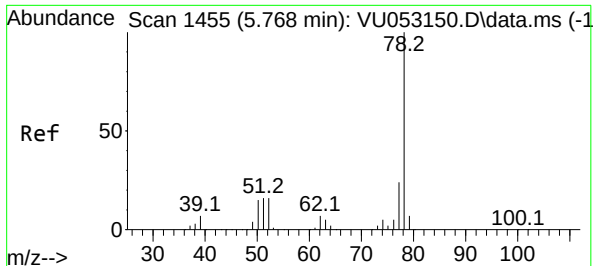
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#34
Propionitrile
Concen: 95.284 ug/l
RT: 4.788 min Scan# 1150
Delta R.T. 0.016 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

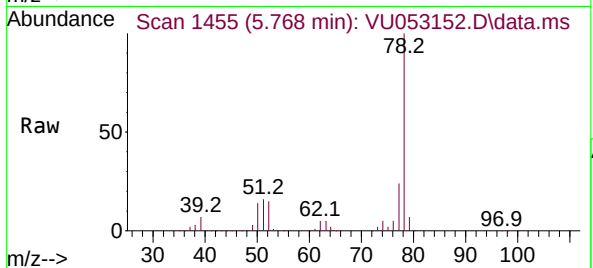
Tgt Ion: 54 Resp: 59060
Ion Ratio Lower Upper
54 100
52 19.6 16.5 24.7
55 15.0 11.4 17.2
40 6.8 5.3 7.9





#35
Benzene
Concen: 10.809 ug/l
RT: 5.768 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

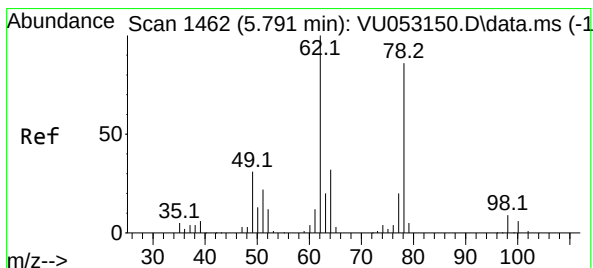
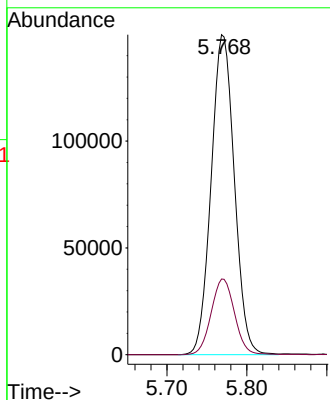
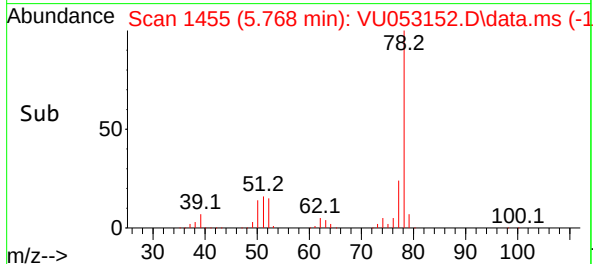
Instrument :
MSVOA_U
ClientSampleId :
ICVVU022723



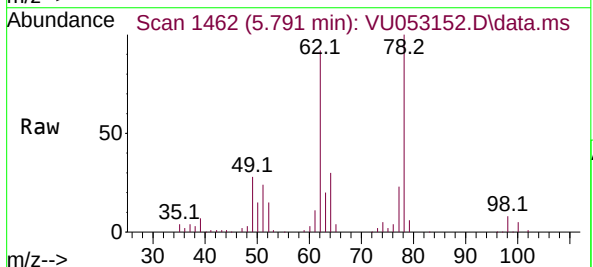
Tgt Ion: 78 Resp: 30167
Ion Ratio Lower Upper
78 100
77 23.7 18.9 28.3

Manual Integrations
APPROVED

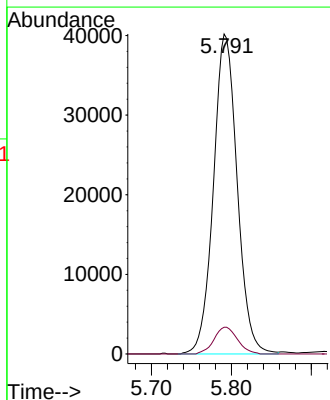
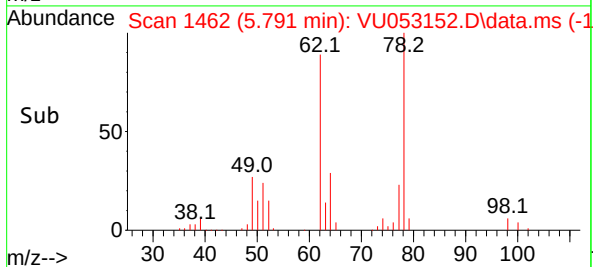
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

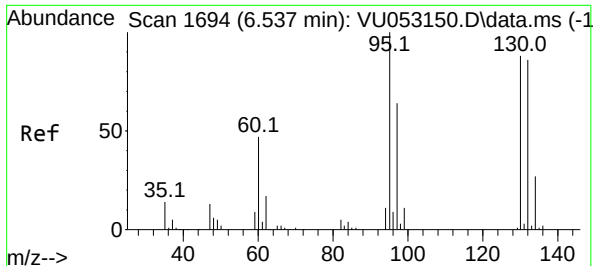


#36
1,2-Dichloroethane
Concen: 9.938 ug/l
RT: 5.791 min Scan# 1462
Delta R.T. 0.000 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13



Tgt Ion: 62 Resp: 82910
Ion Ratio Lower Upper
62 100
98 8.3 7.0 10.4





#37

Trichloroethene

Concen: 11.373 ug/l

RT: 6.540 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU053152.D

Acq: 27 Feb 2023 14:13

Instrument :

MSVOA_U

ClientSampleId :

ICVVU022723

Tgt Ion:130 Resp: 7283

Ion Ratio Lower Upper

130 100

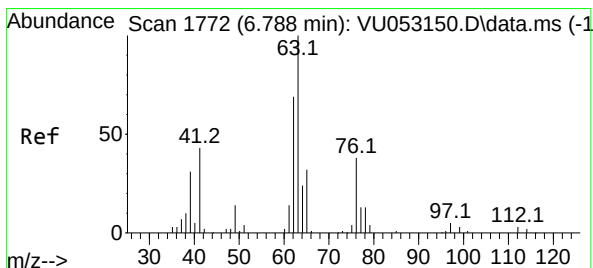
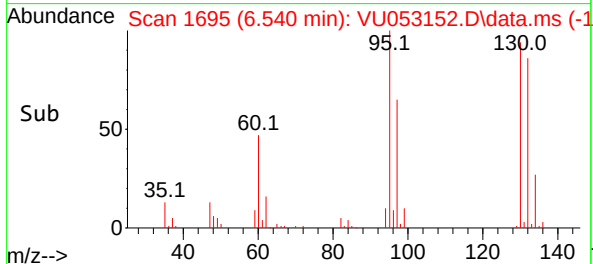
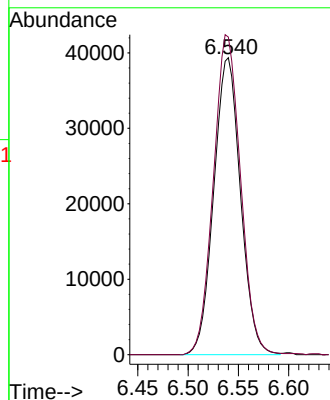
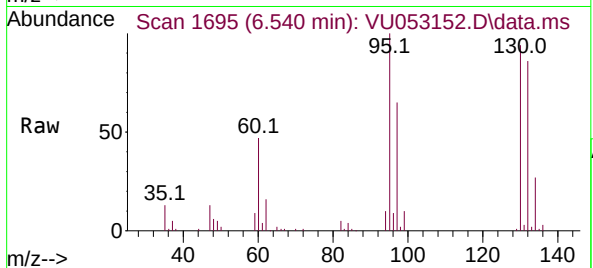
95 106.9 91.1 136.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#38

1,2-Dichloropropane

Concen: 10.119 ug/l

RT: 6.788 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VU053152.D

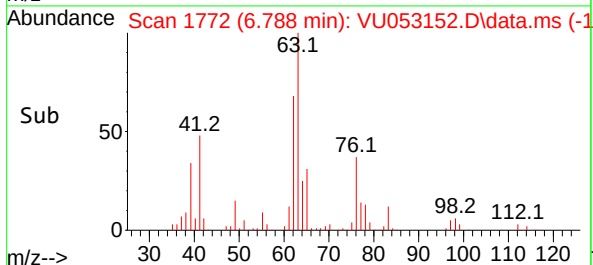
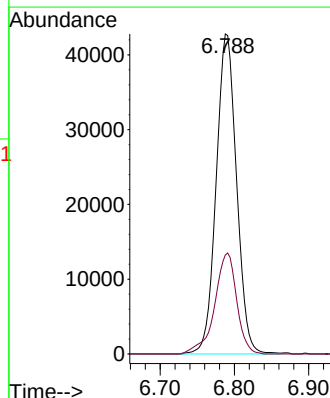
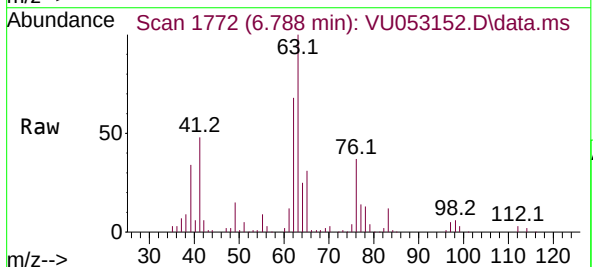
Acq: 27 Feb 2023 14:13

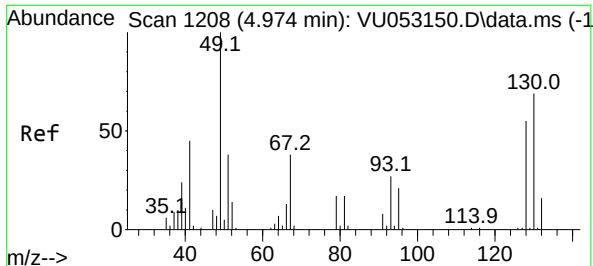
Tgt Ion: 63 Resp: 81673

Ion Ratio Lower Upper

63 100

65 30.9 25.5 38.3





#39

Methacrylonitrile

Concen: 9.308 ug/l m

RT: 4.974 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU053152.D

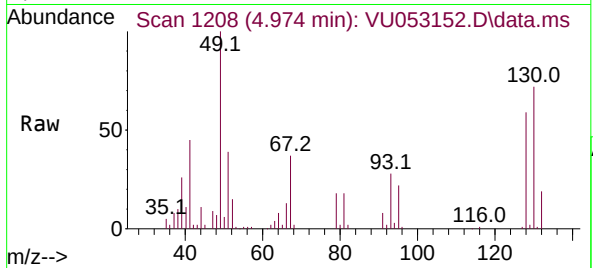
Acq: 27 Feb 2023 14:13

Instrument :

MSVOA_U

ClientSampleId :

ICVVU022723



Tgt Ion: 41 Resp: 2461

Ion Ratio Lower Upper

41 100

67 83.6 67.1 100.7

39 51.0 42.6 64.0

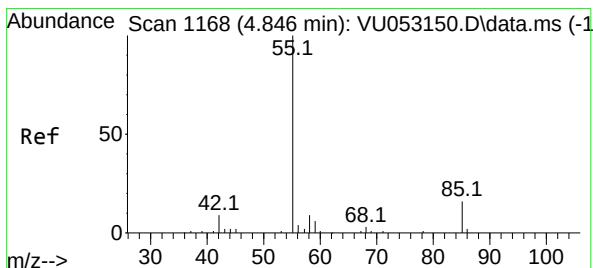
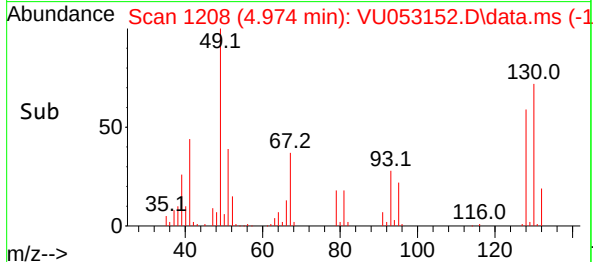
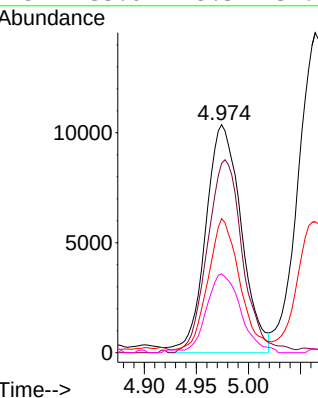
52 33.6 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#40

Methyl acrylate

Concen: 10.404 ug/l

RT: 4.849 min Scan# 1169

Delta R.T. 0.003 min

Lab File: VU053152.D

Acq: 27 Feb 2023 14:13

Tgt Ion: 55 Resp: 42521

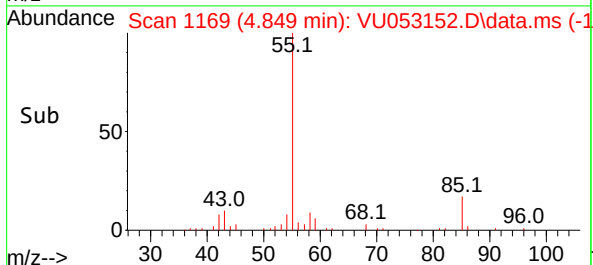
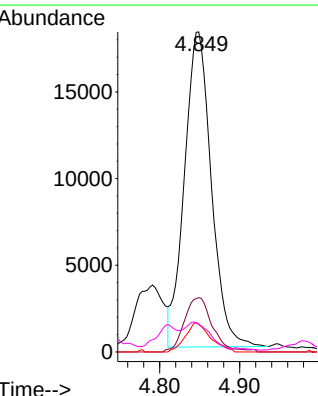
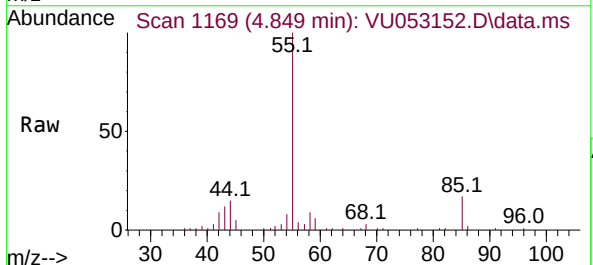
Ion Ratio Lower Upper

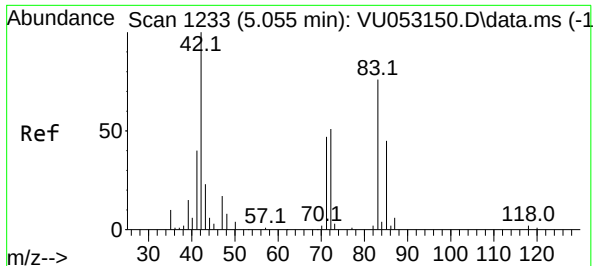
55 100

85 17.8 13.5 20.3

58 8.6 7.3 10.9

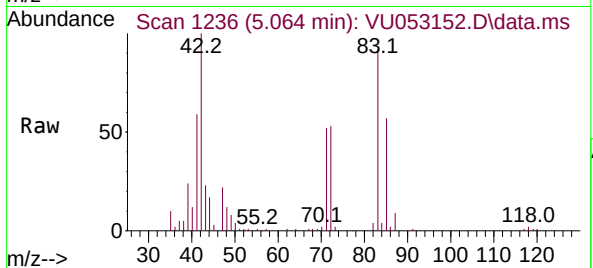
42 7.2 6.9 10.3





#41
Tetrahydrofuran
Concen: 44.946 ug/l
RT: 5.064 min Scan# 1236
Delta R.T. 0.010 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

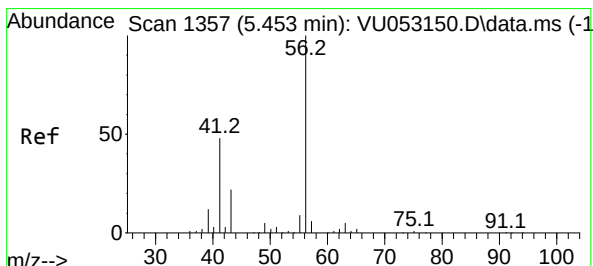
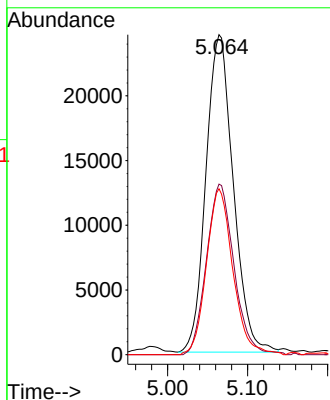
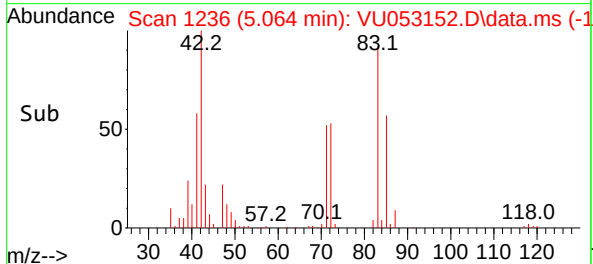
Instrument :
MSVOA_U
ClientSampleId :
ICVVU022723



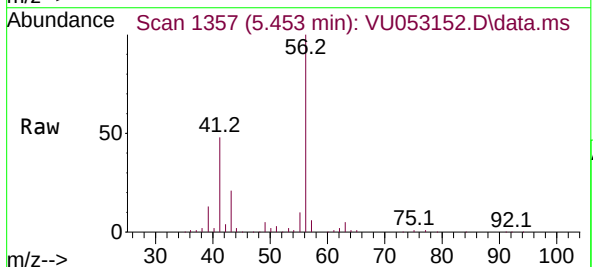
Tgt Ion: 42 Resp: 58268
Ion Ratio Lower Upper
42 100
72 54.1 41.6 62.4
71 50.5 37.9 56.9

Manual Integrations
APPROVED

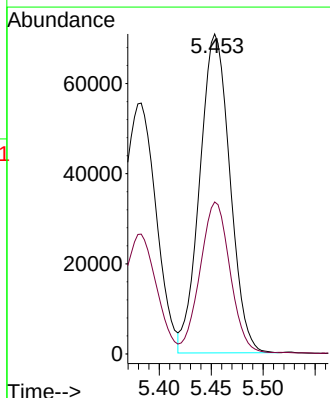
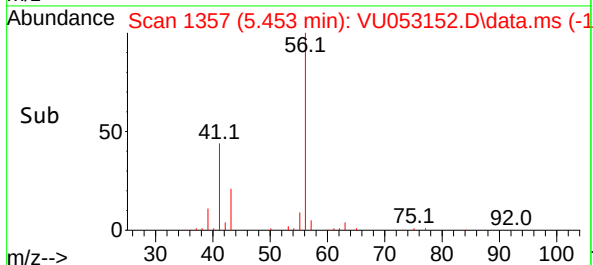
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

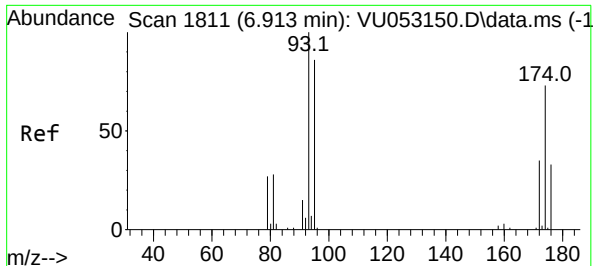


#42
1-Chlorobutane
Concen: 10.837 ug/l
RT: 5.453 min Scan# 1357
Delta R.T. 0.000 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13



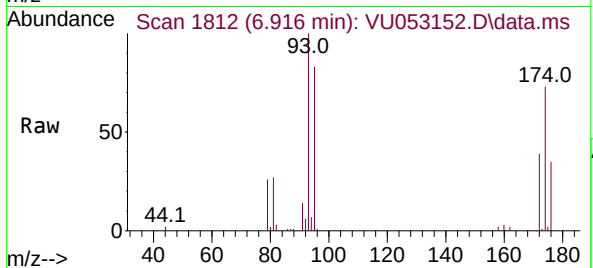
Tgt Ion: 56 Resp: 142680
Ion Ratio Lower Upper
56 100
41 46.7 23.7 71.1





#43
Dibromomethane
Concen: 11.006 ug/l
RT: 6.916 min Scan# 1811
Delta R.T. 0.003 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

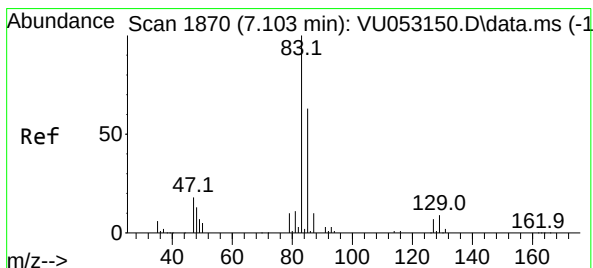
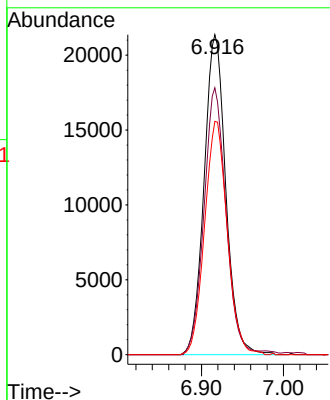
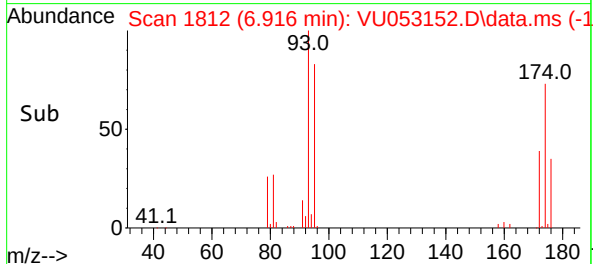
Instrument :
MSVOA_U
ClientSampleId :
ICVVU022723



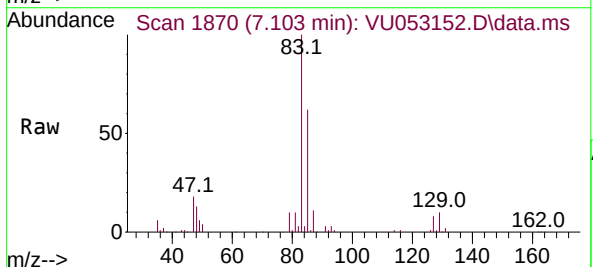
Tgt Ion: 93 Resp: 39374
Ion Ratio Lower Upper
93 100
95 84.3 66.5 99.7
174 75.9 58.2 87.4

Manual Integrations
APPROVED

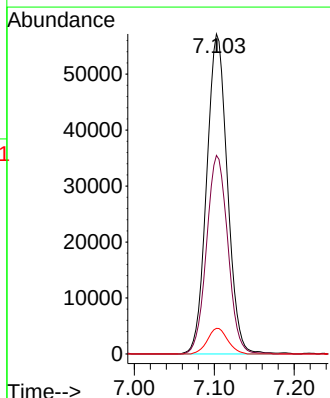
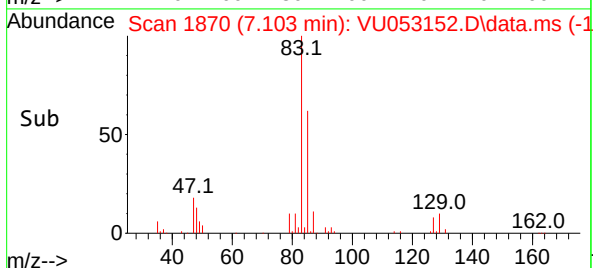
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

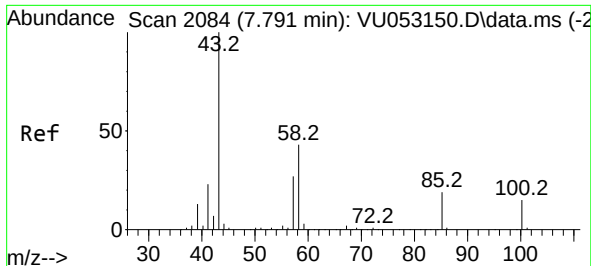


#44
Bromodichloromethane
Concen: 10.502 ug/l
RT: 7.103 min Scan# 1870
Delta R.T. 0.000 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13



Tgt Ion: 83 Resp: 102779
Ion Ratio Lower Upper
83 100
85 62.1 50.6 75.8
127 8.0 5.8 8.8





#45
4-Methyl-2-Pentanone
Concen: 48.890 ug/l
RT: 7.794 min Scan# 2084
Delta R.T. 0.003 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

Instrument :

MSVOA_U

ClientSampleId :

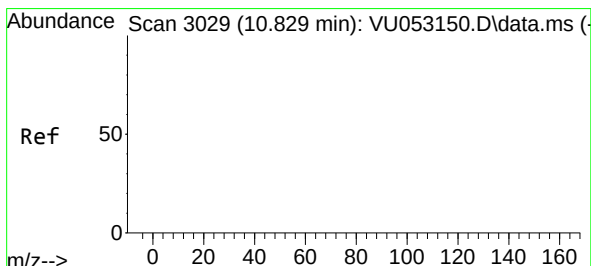
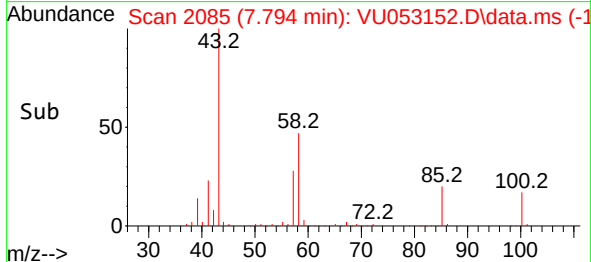
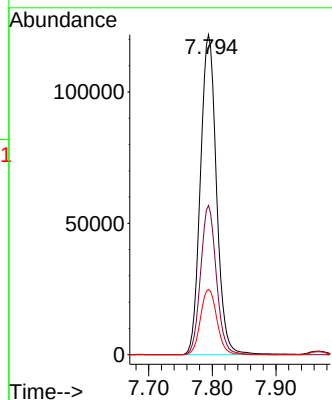
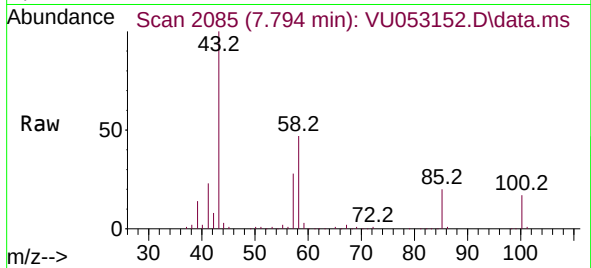
ICVVU022723

Tgt Ion: 43 Resp: 213544
Ion Ratio Lower Upper
43 100
58 45.7 22.0 66.0
85 20.8 15.7 23.5

Manual Integrations

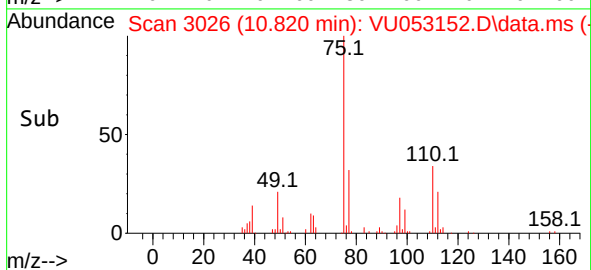
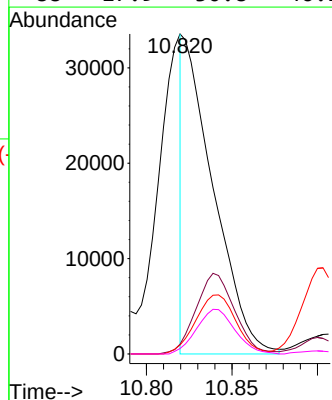
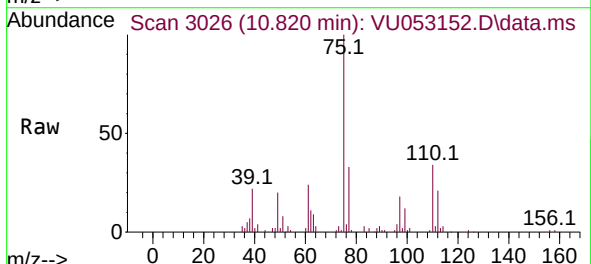
APPROVED

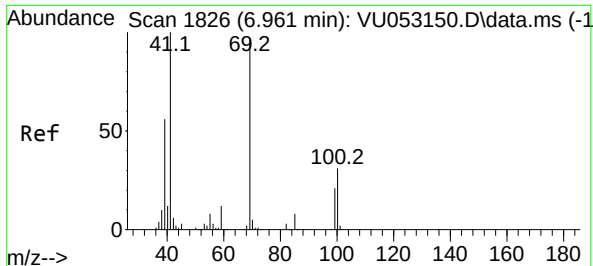
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#46
t-1,4-Dichloro-2-butene
Concen: 18.512 ug/l m
RT: 10.820 min Scan# 3026
Delta R.T. -0.010 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

Tgt Ion: 75 Resp: 40746
Ion Ratio Lower Upper
75 100
53 32.6 57.0 85.4#
89 24.9 43.1 64.7#
88 17.9 30.8 46.2#





#47

Methyl methacrylate

Concen: 10.457 ug/l

RT: 6.961 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VU053152.D

Acq: 27 Feb 2023 14:13

Instrument :

MSVOA_U

ClientSampleId :

ICVVU022723

Tgt Ion: 69 Resp: 3850

Ion Ratio Lower Upper

69 100

41 96.9 0.0 201.0

39 56.6 47.1 70.7

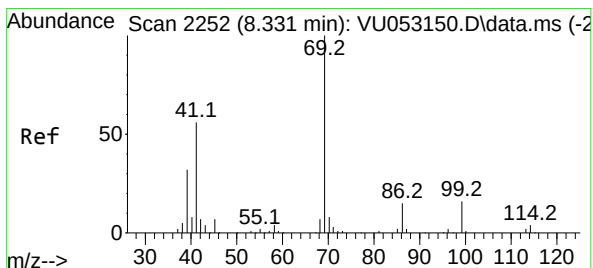
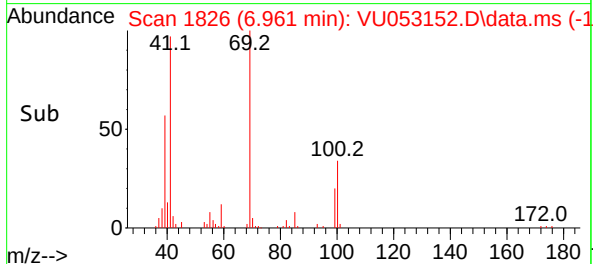
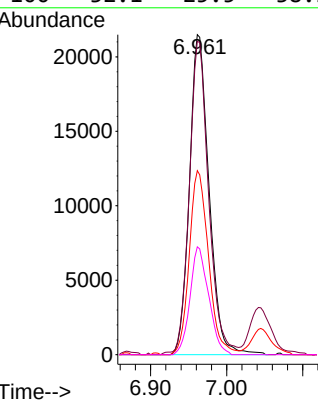
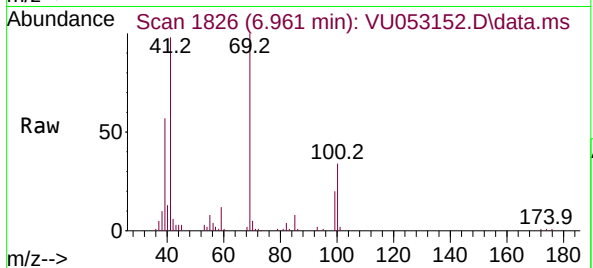
100 32.1 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#48

Ethyl methacrylate

Concen: 10.640 ug/l

RT: 8.334 min Scan# 2253

Delta R.T. 0.003 min

Lab File: VU053152.D

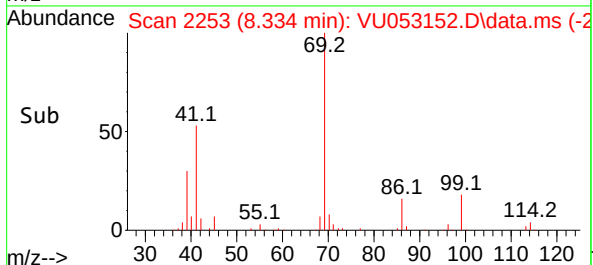
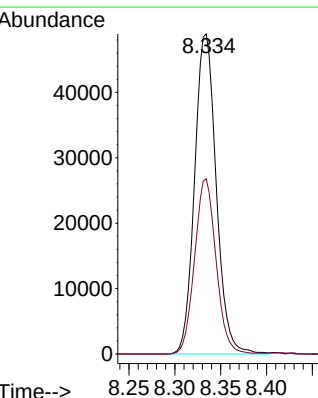
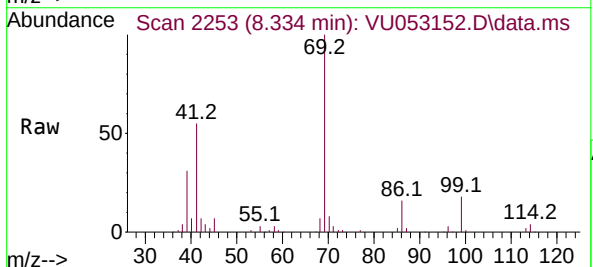
Acq: 27 Feb 2023 14:13

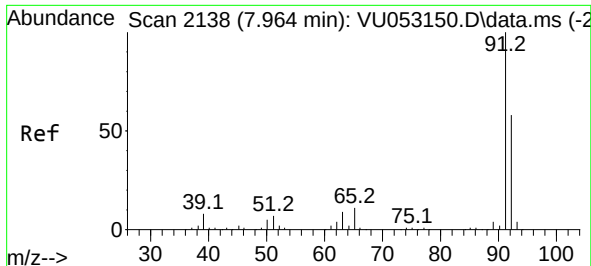
Tgt Ion: 69 Resp: 80398

Ion Ratio Lower Upper

69 100

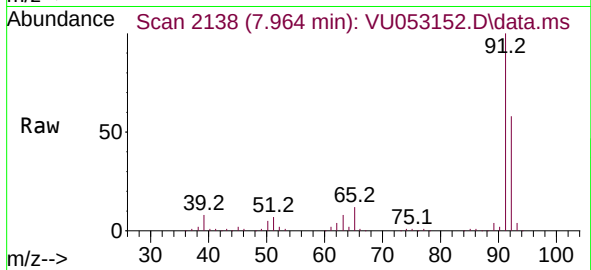
41 54.3 28.2 84.6





#49
Toluene
Concen: 11.343 ug/l
RT: 7.964 min Scan# 2138
Delta R.T. 0.000 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

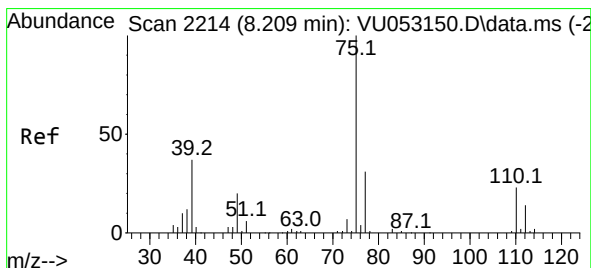
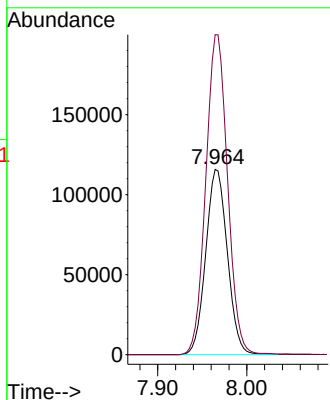
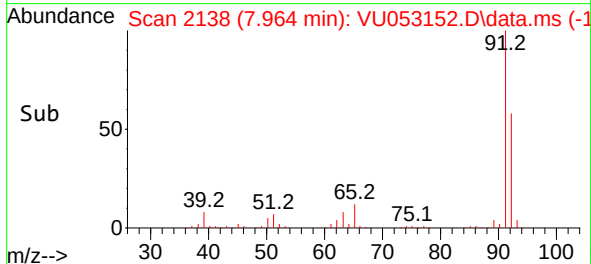
Instrument :
MSVOA_U
ClientSampleId :
ICVVU022723



Tgt Ion: 92 Resp: 19495
Ion Ratio Lower Upper
92 100
91 174.1 138.2 207.2

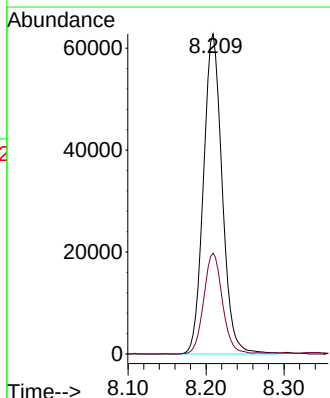
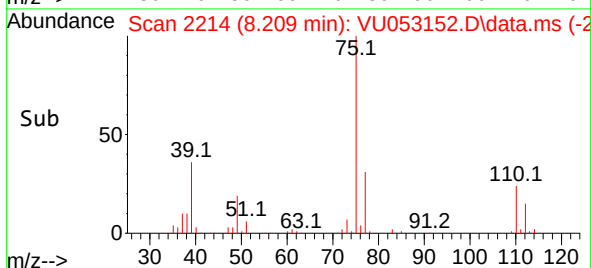
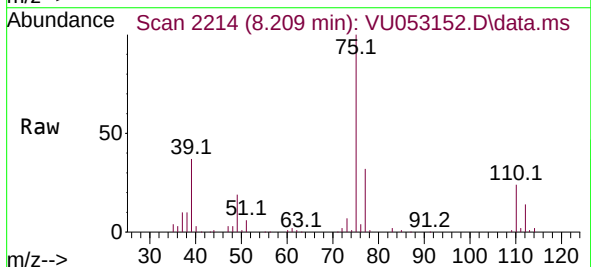
Manual Integrations
APPROVED

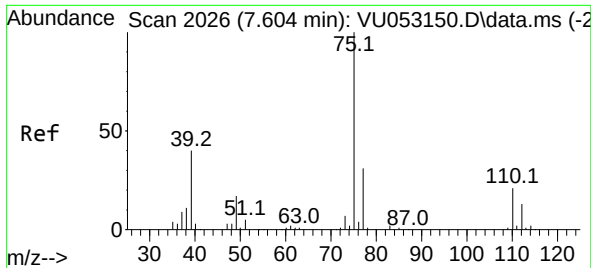
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#50
t-1,3-Dichloropropene
Concen: 11.036 ug/l
RT: 8.209 min Scan# 2214
Delta R.T. 0.000 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

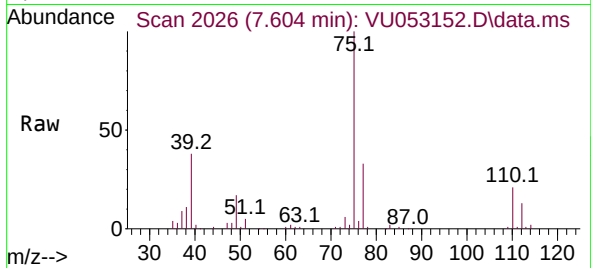
Tgt Ion: 75 Resp: 104921
Ion Ratio Lower Upper
75 100
77 31.5 25.1 37.7





#51
 cis-1,3-Dichloropropene
 Concen: 10.947 ug/l
 RT: 7.604 min Scan# 2026
 Delta R.T. 0.000 min
 Lab File: VU053152.D
 Acq: 27 Feb 2023 14:13

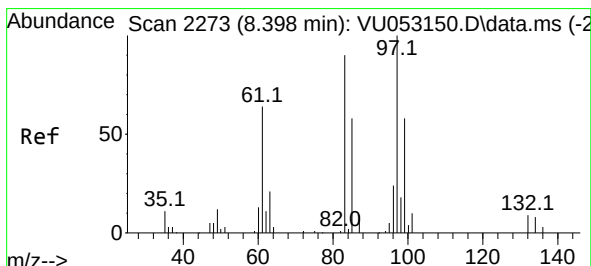
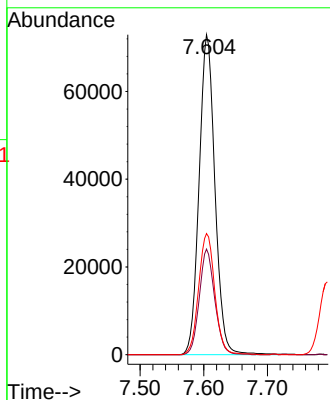
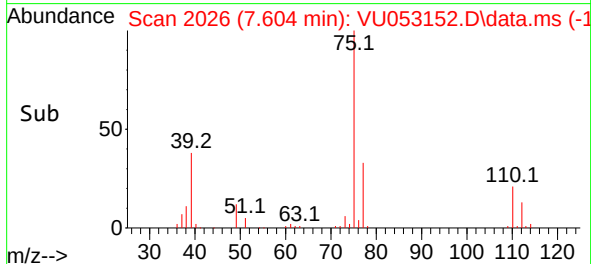
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU022723



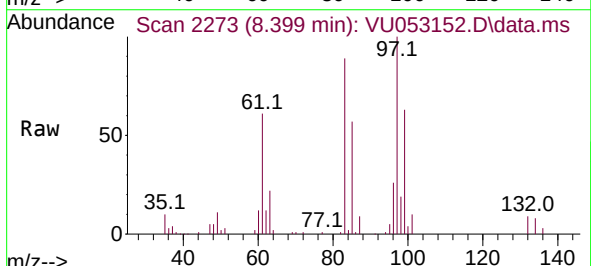
Tgt Ion: 75 Resp: 126119
 Ion Ratio Lower Upper
 75 100
 77 33.0 24.9 37.3
 39 37.8 32.2 48.2

Manual Integrations
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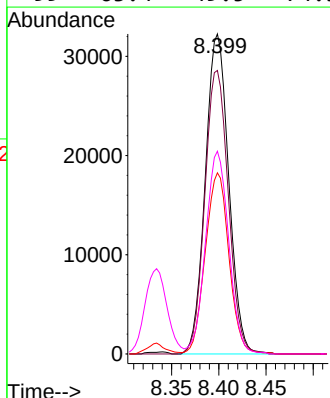
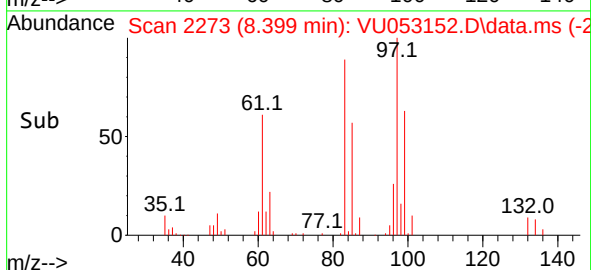
Reviewed By :Krupa Patel 02/28/2023
 Supervised By :Mahesh Dadoda 02/28/2023

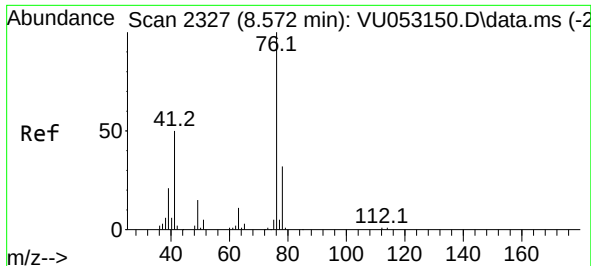


#52
 1,1,2-Trichloroethane
 Concen: 10.603 ug/l
 RT: 8.399 min Scan# 2273
 Delta R.T. 0.000 min
 Lab File: VU053152.D
 Acq: 27 Feb 2023 14:13



Tgt Ion: 97 Resp: 55715
 Ion Ratio Lower Upper
 97 100
 83 88.6 71.9 107.9
 85 56.6 46.5 69.7
 99 63.4 49.5 74.3





#53

1,3-Dichloropropane

Concen: 10.567 ug/l

RT: 8.572 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU053152.D

Acq: 27 Feb 2023 14:13

Instrument :

MSVOA_U

ClientSampleId :

ICVVU022723

Tgt Ion: 76 Resp: 99550

Ion Ratio Lower Upper

76 100

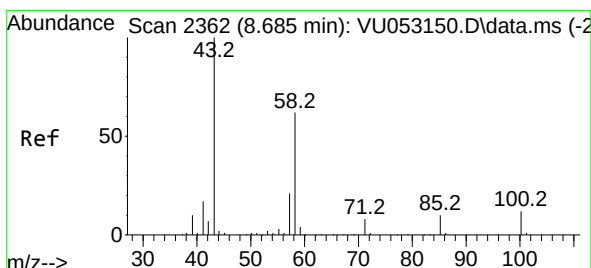
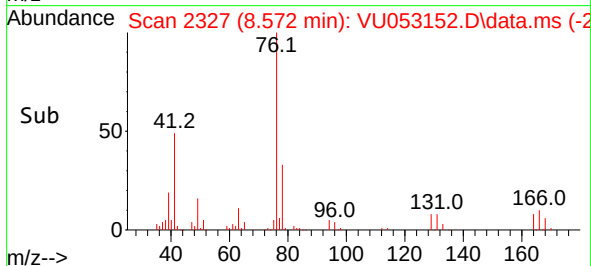
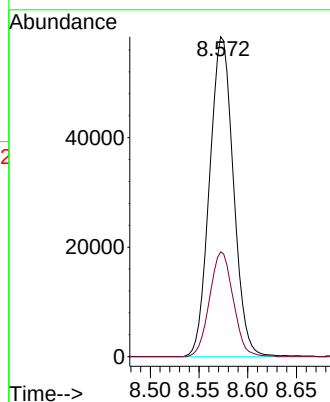
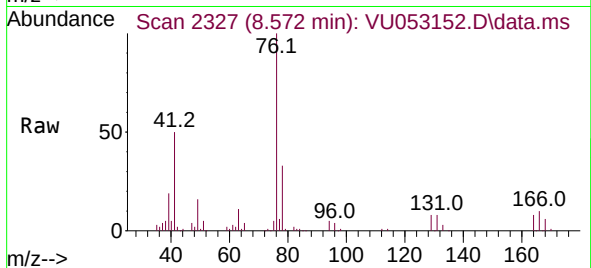
78 32.4 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#54

2-Hexanone

Concen: 45.685 ug/l

RT: 8.685 min Scan# 2362

Delta R.T. 0.000 min

Lab File: VU053152.D

Acq: 27 Feb 2023 14:13

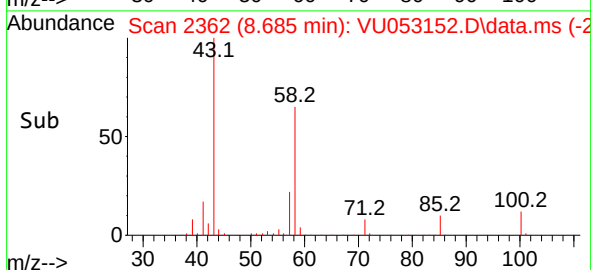
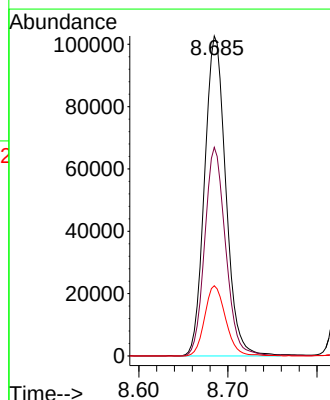
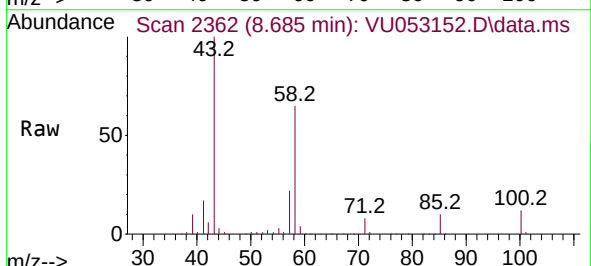
Tgt Ion: 43 Resp: 170016

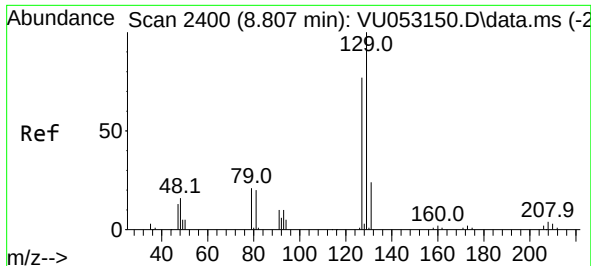
Ion Ratio Lower Upper

43 100

58 64.1 42.0 82.0

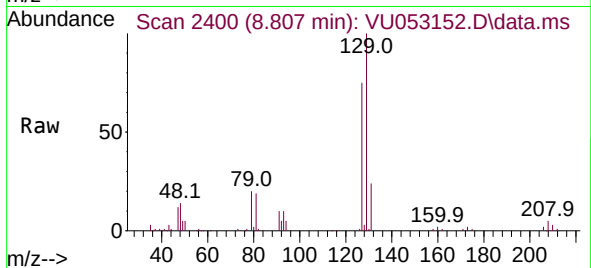
57 21.7 1.2 41.2





#55
Dibromochloromethane
Concen: 10.451 ug/l
RT: 8.807 min Scan# 2400
Delta R.T. 0.000 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

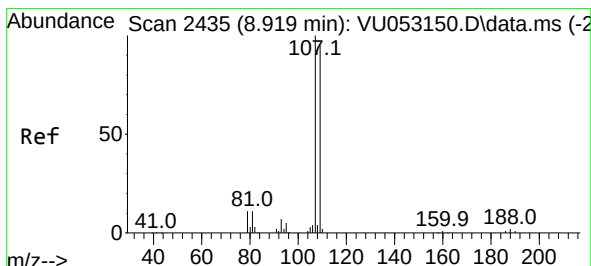
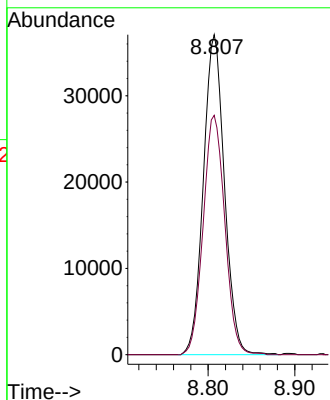
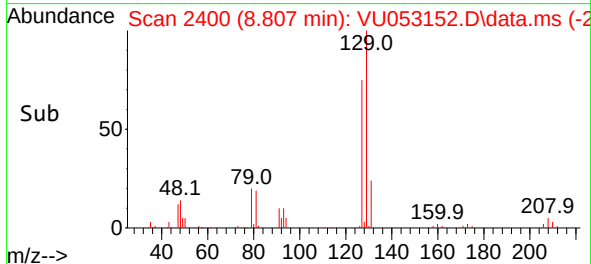
Instrument :
MSVOA_U
ClientSampleId :
ICVVU022723



Tgt Ion:129 Resp: 62650
Ion Ratio Lower Upper
129 100
127 76.8 61.1 91.7

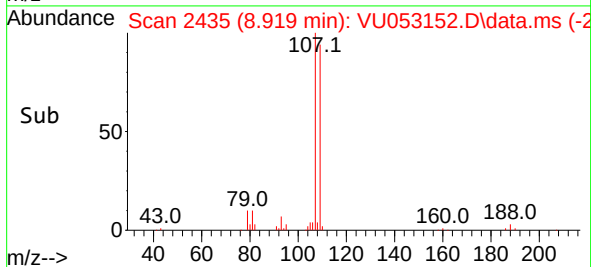
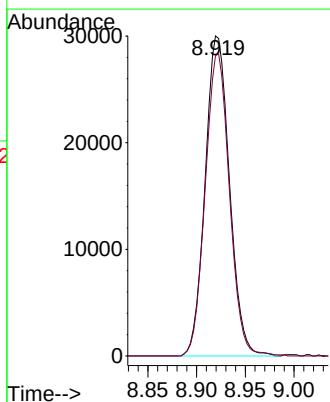
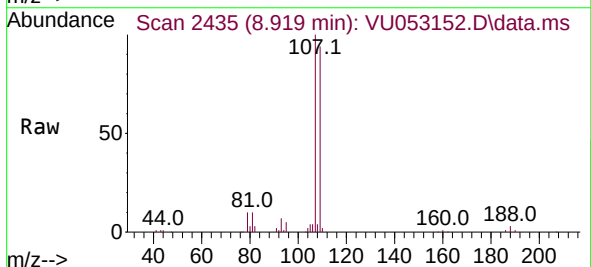
Manual Integrations
APPROVED

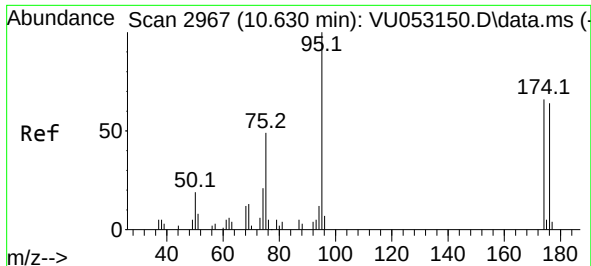
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#56
1,2-Dibromoethane
Concen: 11.170 ug/l
RT: 8.919 min Scan# 2435
Delta R.T. 0.000 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

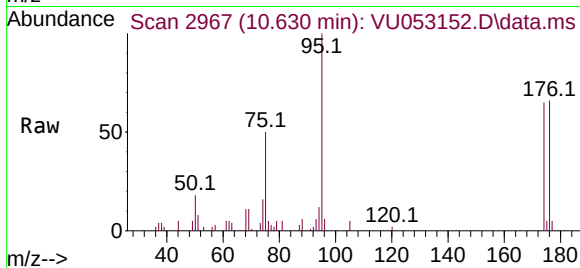
Tgt Ion:107 Resp: 52147
Ion Ratio Lower Upper
107 100
109 94.1 0.0 186.2





#57
4-Bromofluorobenzene
Concen: 0.975 ug/l
RT: 10.630 min Scan# 2967
Delta R.T. 0.000 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

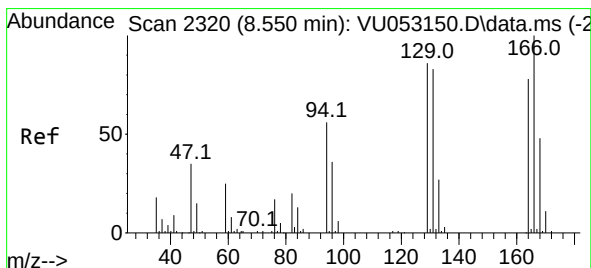
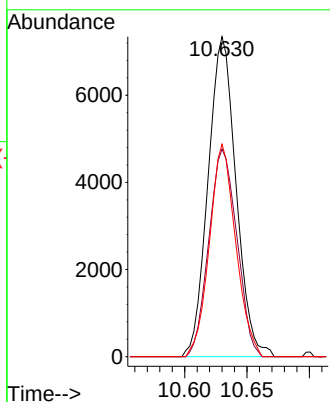
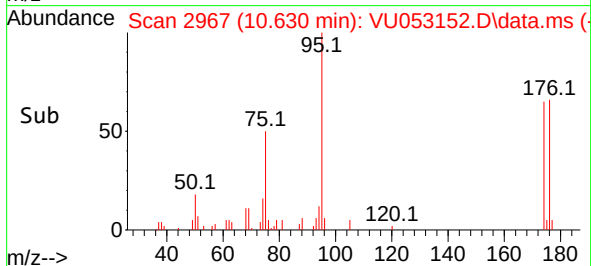
Instrument :
MSVOA_U
ClientSampleId :
ICVVU022723



Tgt Ion: 95 Resp: 11459
Ion Ratio Lower Upper
95 100
174 65.0 50.7 76.1
176 62.4 47.8 71.6

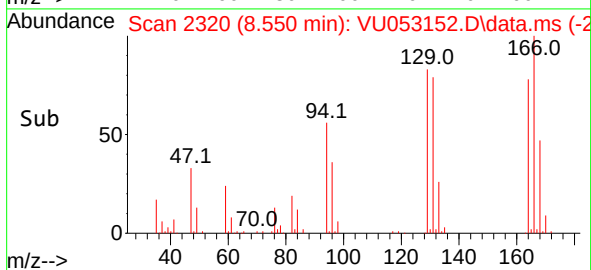
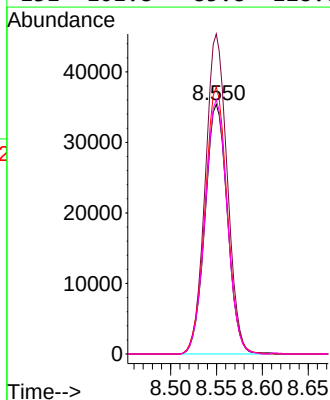
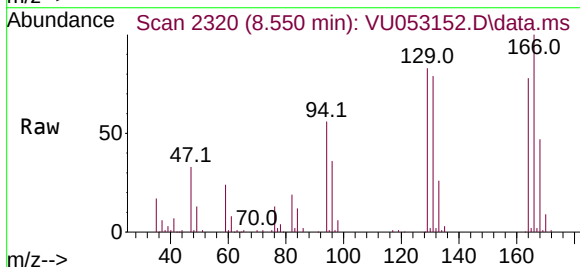
Manual Integrations
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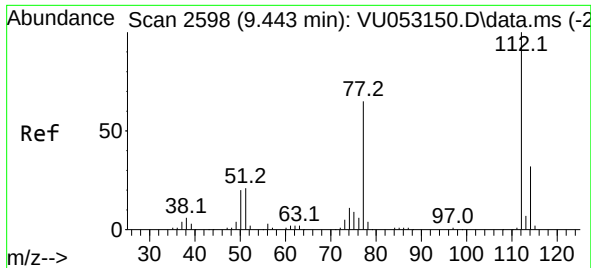
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#58
Tetrachloroethene
Concen: 11.707 ug/l
RT: 8.550 min Scan# 2320
Delta R.T. 0.000 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

Tgt Ion:164 Resp: 59784
Ion Ratio Lower Upper
164 100
166 128.2 103.2 154.8
129 107.0 88.8 133.2
131 101.8 85.8 128.6





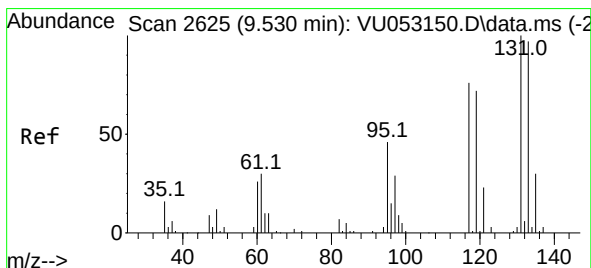
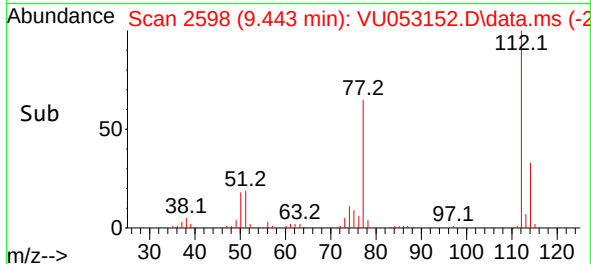
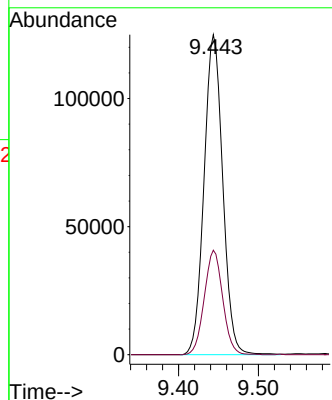
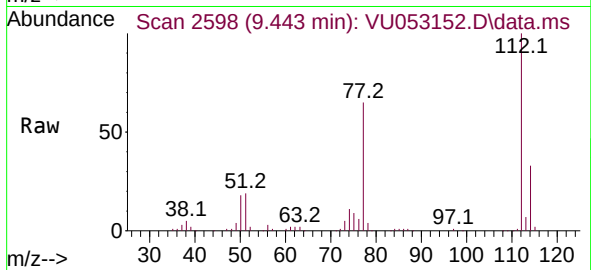
#59
Chlorobenzene
Concen: 10.589 ug/l
RT: 9.443 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

Instrument :
MSVOA_U
ClientSampleId :
ICVVU022723

Tgt Ion:112 Resp: 20351
Ion Ratio Lower Upper
112 100
114 32.7 25.8 38.6

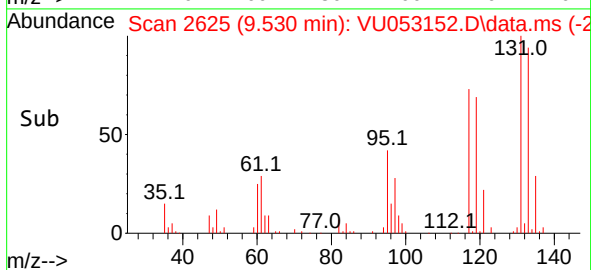
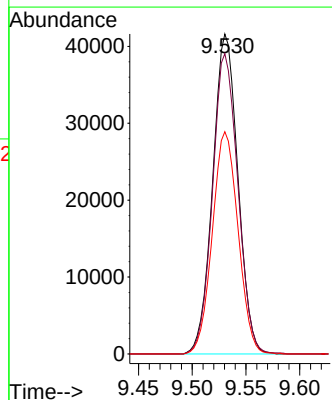
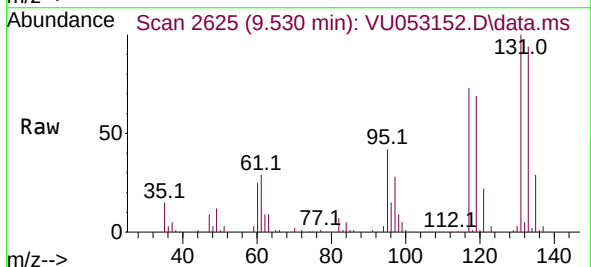
Manual Integrations
APPROVED

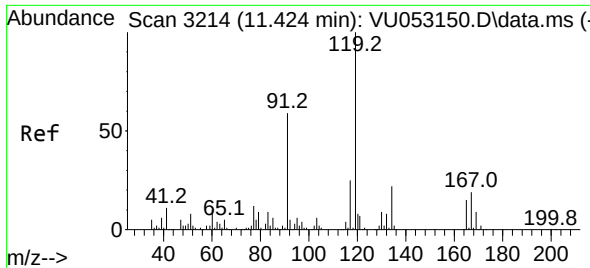
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#60
1,1,1,2-Tetrachloroethane
Concen: 10.677 ug/l
RT: 9.530 min Scan# 2625
Delta R.T. 0.000 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

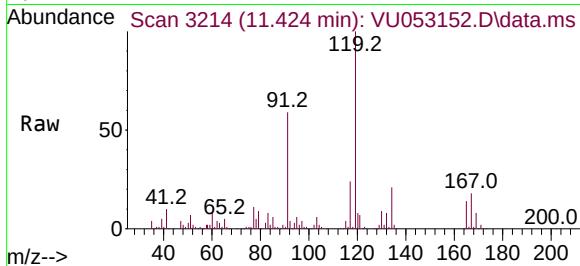
Tgt Ion:131 Resp: 67787
Ion Ratio Lower Upper
131 100
133 94.8 76.7 115.1
119 71.0 57.6 86.4





#61
Pentachloroethane
Concen: 10.902 ug/l
RT: 11.424 min Scan# 3214
Delta R.T. 0.000 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

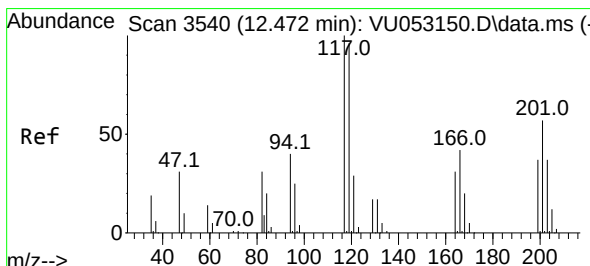
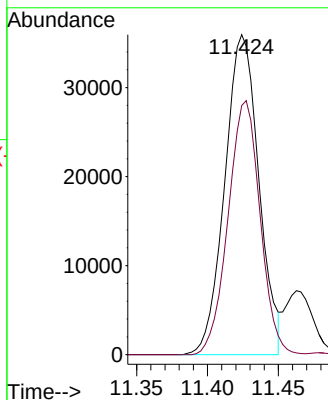
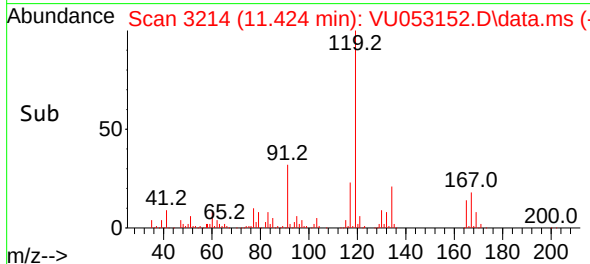
Instrument :
MSVOA_U
ClientSampleId :
ICVVU022723



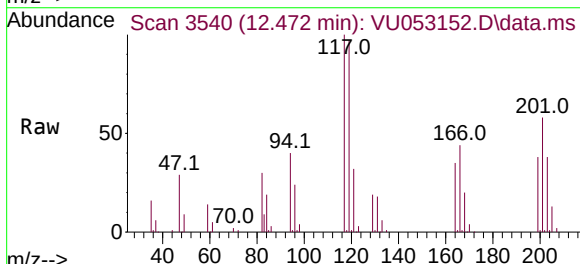
Tgt Ion:117 Resp: 6013
Ion Ratio Lower Upper
117 100
167 74.7 57.5 86.3

Manual Integrations
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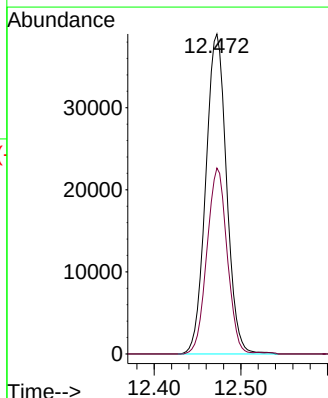
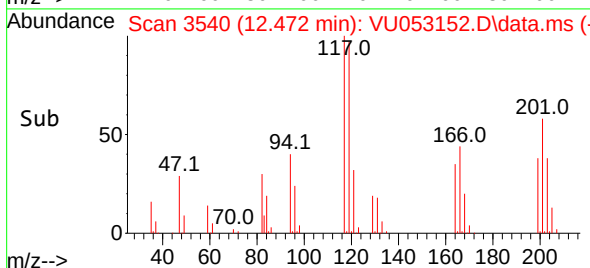
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

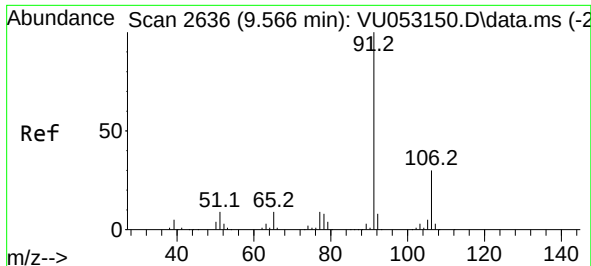


#62
Hexachloroethane
Concen: 10.696 ug/l
RT: 12.472 min Scan# 3540
Delta R.T. 0.000 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13



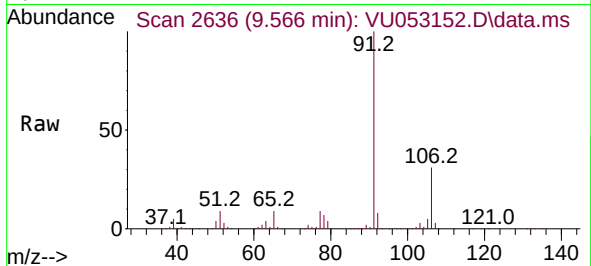
Tgt Ion:117 Resp: 65051
Ion Ratio Lower Upper
117 100
201 56.4 46.7 70.1





#63
Ethyl Benzene
Concen: 11.175 ug/l
RT: 9.566 min Scan# 2636
Delta R.T. 0.000 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

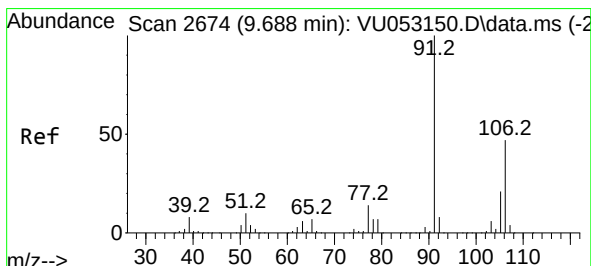
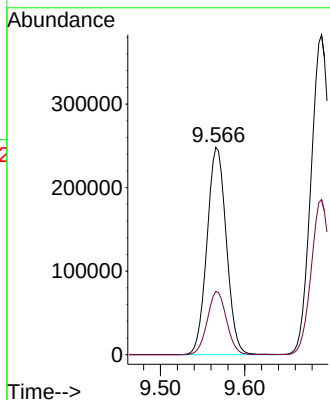
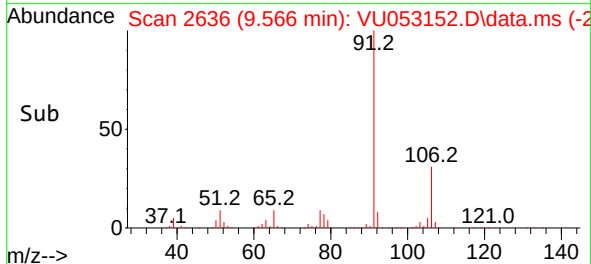
Instrument :
MSVOA_U
ClientSampleId :
ICVVU022723



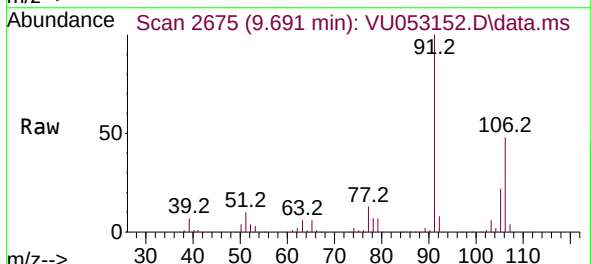
Tgt Ion: 91 Resp: 396385
Ion Ratio Lower Upper
91 100
106 30.5 24.0 36.0

Manual Integrations
APPROVED

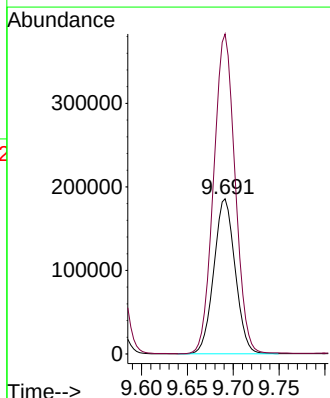
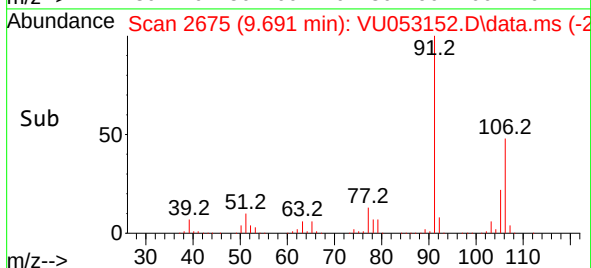
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

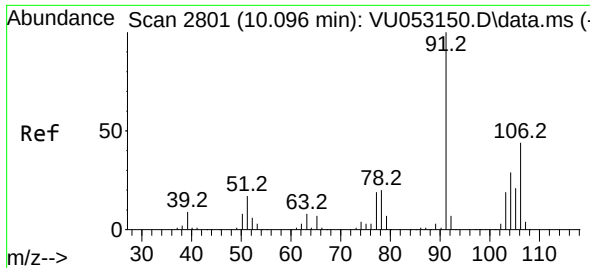


#64
m/p-Xylenes
Concen: 23.380 ug/l
RT: 9.691 min Scan# 2675
Delta R.T. 0.003 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13



Tgt Ion:106 Resp: 300792
Ion Ratio Lower Upper
106 100
91 207.6 170.7 256.1





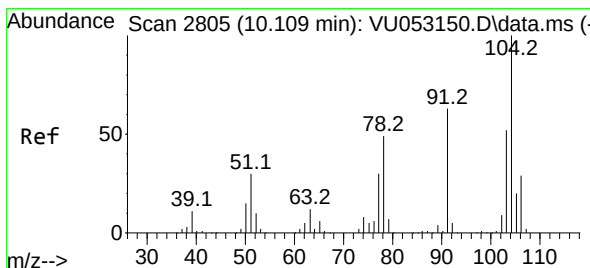
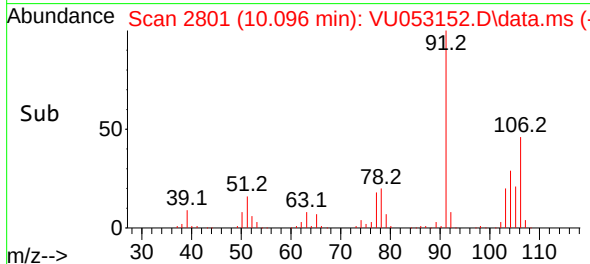
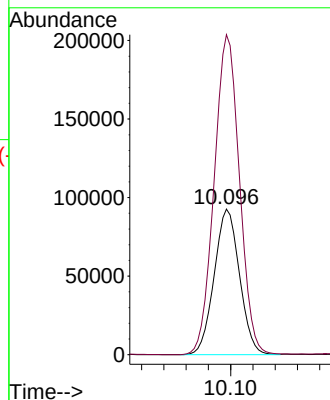
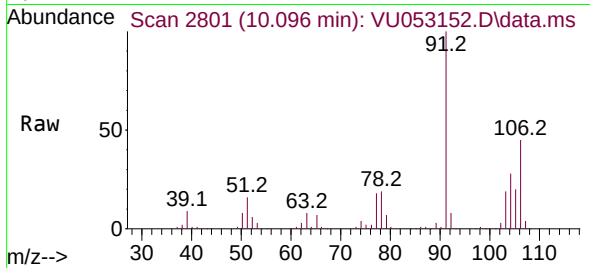
#65
o-Xylene
Concen: 11.125 ug/l
RT: 10.096 min Scan# 2801
Delta R.T. 0.000 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

Instrument :
MSVOA_U
ClientSampleId :
ICVVU022723

Tgt Ion:106 Resp: 146162
Ion Ratio Lower Upper
106 100
91 219.9 112.8 338.4

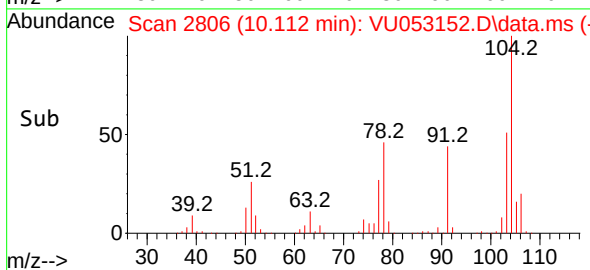
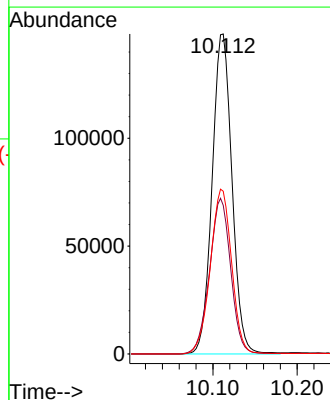
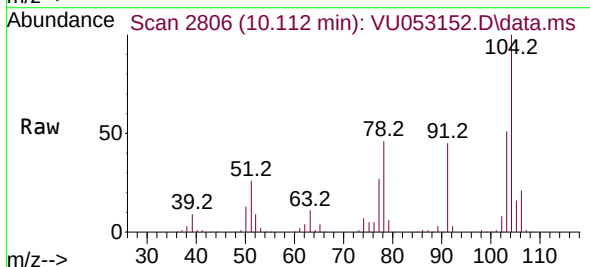
Manual Integrations
APPROVED

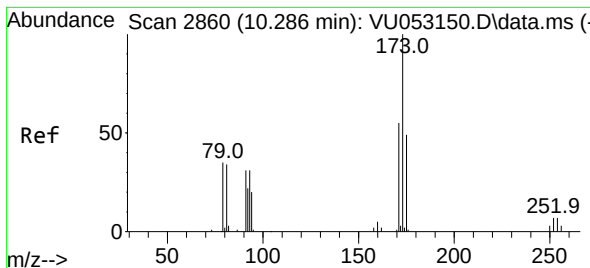
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#66
Styrene
Concen: 11.659 ug/l
RT: 10.112 min Scan# 2806
Delta R.T. 0.003 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

Tgt Ion:104 Resp: 242827
Ion Ratio Lower Upper
104 100
78 52.0 43.3 64.9
103 55.3 45.2 67.8





#67

Bromoform

Concen: 10.973 ug/l

RT: 10.289 min Scan# 2860

Delta R.T. 0.003 min

Lab File: VU053152.D

Acq: 27 Feb 2023 14:13

Instrument :

MSVOA_U

ClientSampleId :

ICVVU022723

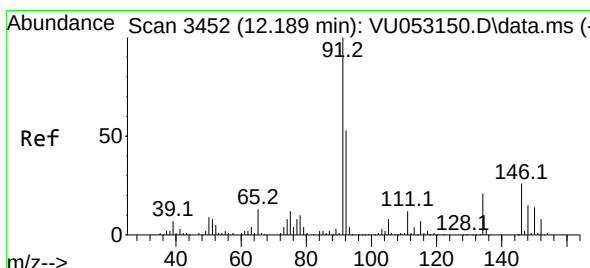
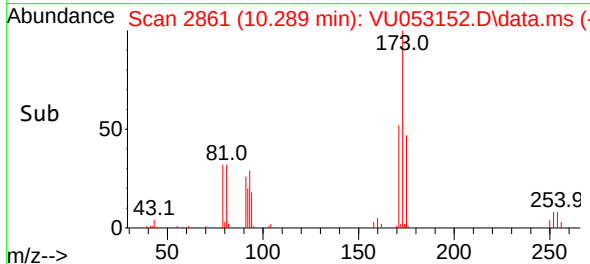
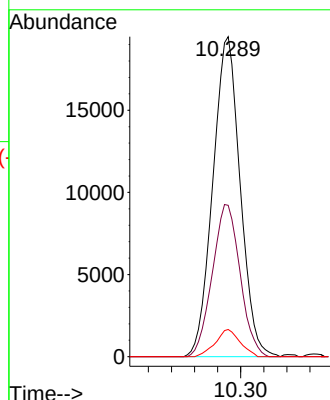
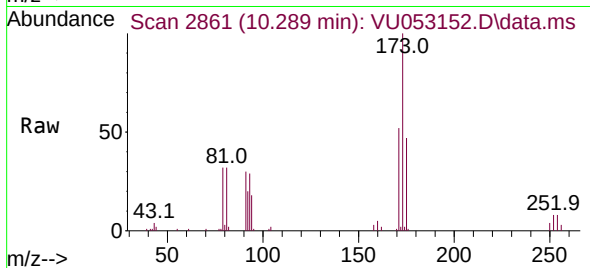
Tgt Ion:173	Resp:	3199
Ion Ratio	Lower	Upper
173	100	
175	48.3	38.7 58.1
254	7.7	5.8 8.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#68

1,2-Dichlorobenzene-d4

Concen: 1.081 ug/l

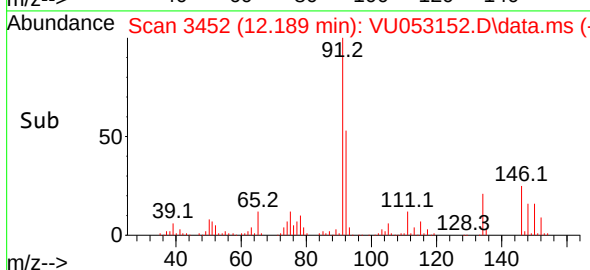
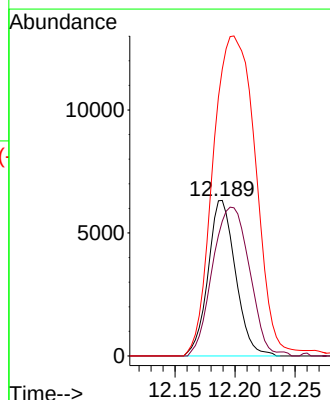
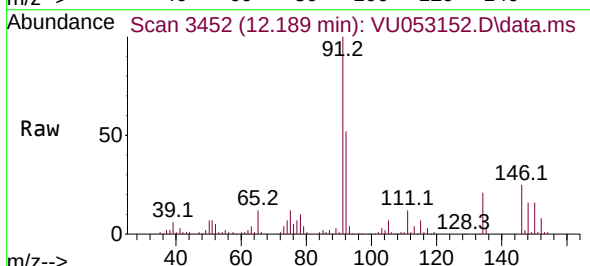
RT: 12.189 min Scan# 3452

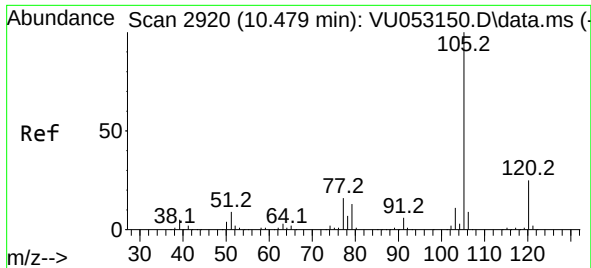
Delta R.T. 0.000 min

Lab File: VU053152.D

Acq: 27 Feb 2023 14:13

Tgt Ion:152	Resp:	10077
Ion Ratio	Lower	Upper
152	100	
115	129.1	0.0 267.8
150	320.7	0.0 623.0





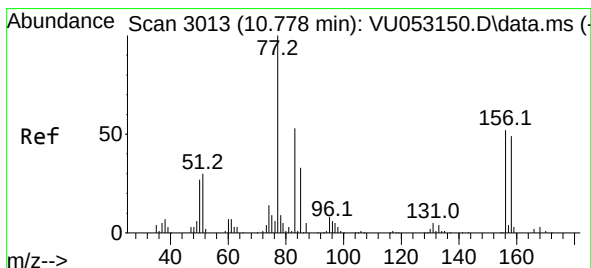
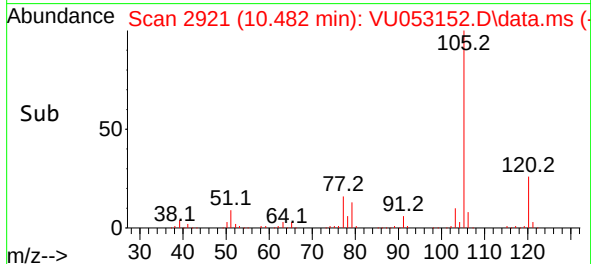
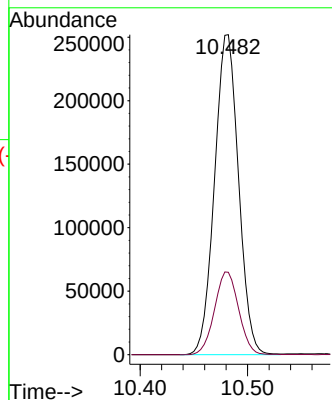
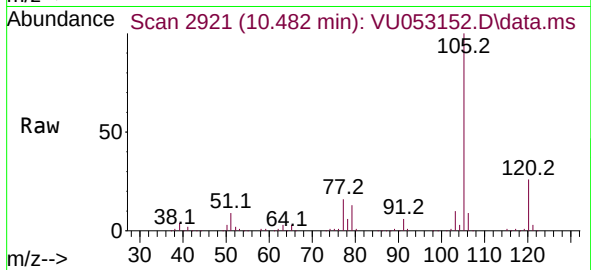
#69
Isopropylbenzene
Concen: 11.089 ug/l
RT: 10.482 min Scan# 2920
Delta R.T. 0.003 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

Instrument :
MSVOA_U
ClientSampleId :
ICVVU022723

Tgt Ion:105 Resp: 39021
Ion Ratio Lower Upper
105 100
120 26.0 12.6 37.6

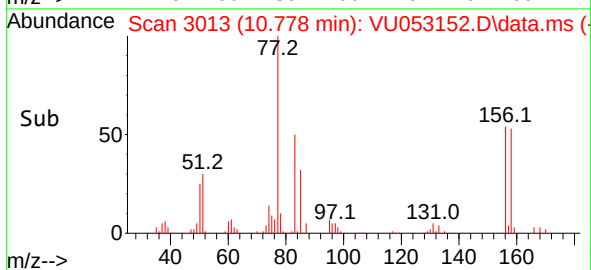
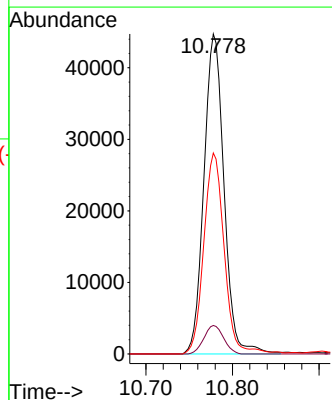
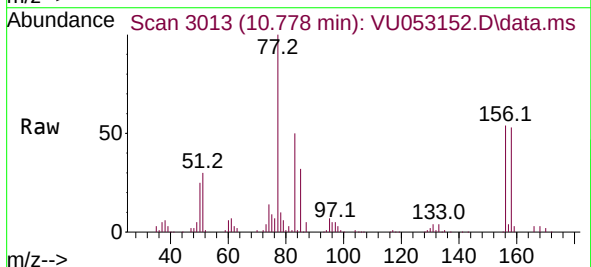
Manual Integrations
APPROVED

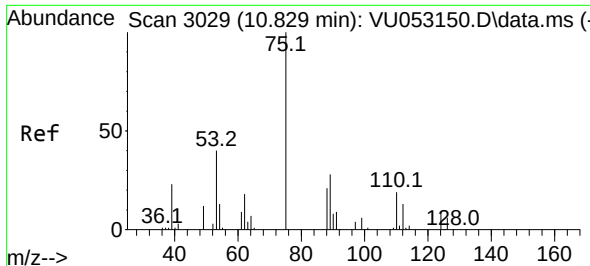
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#70
1,1,2,2-Tetrachloroethane
Concen: 10.184 ug/l
RT: 10.778 min Scan# 3013
Delta R.T. 0.000 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

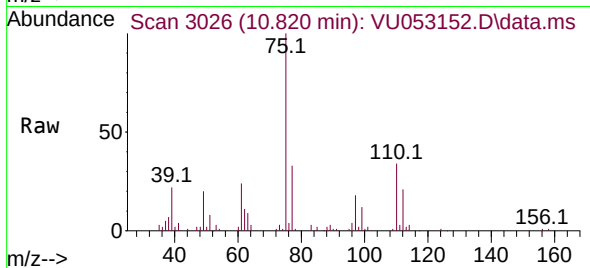
Tgt Ion: 83 Resp: 72116
Ion Ratio Lower Upper
83 100
131 8.7 6.6 9.8
85 63.5 49.3 73.9





#71
1,2,3-Trichloropropane
Concen: 9.385 ug/l m
RT: 10.820 min Scan# 3029
Delta R.T. -0.010 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

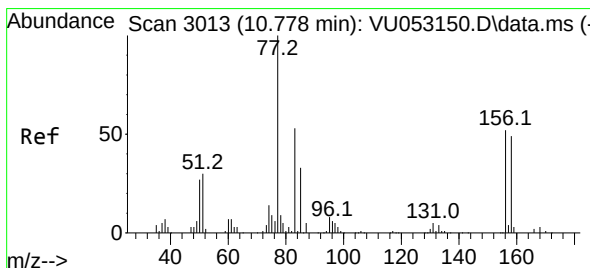
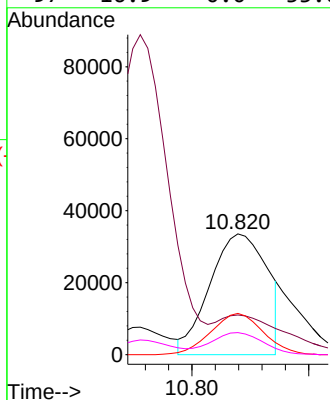
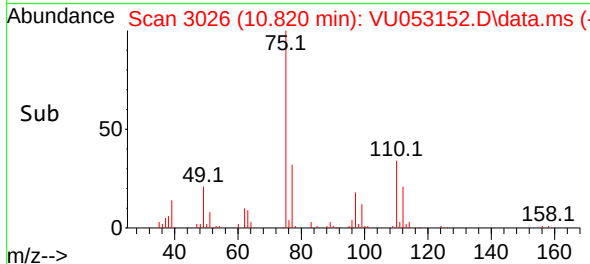
Instrument :
MSVOA_U
ClientSampleId :
ICVVU022723



Tgt Ion:	75	Resp:	5720
Ion Ratio	Lower	Upper	
75	100		
77	36.0	0.0	98.2
110	31.4	0.0	57.0
97	16.9	0.0	33.6

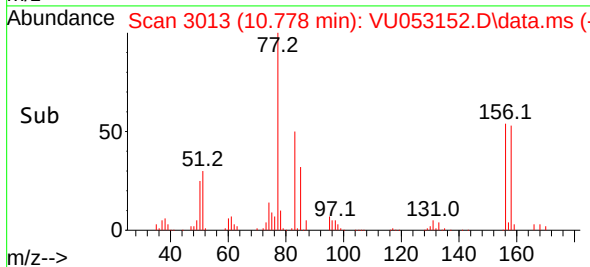
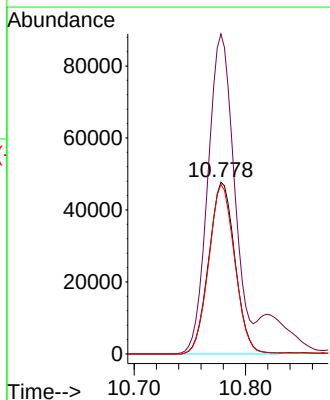
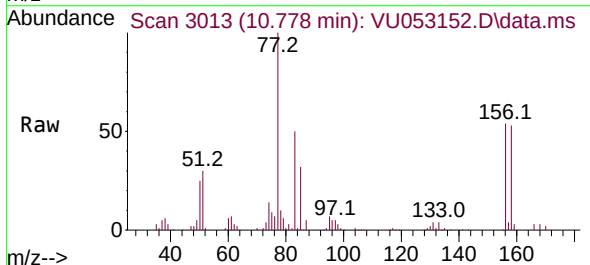
Manual Integrations
APPROVED

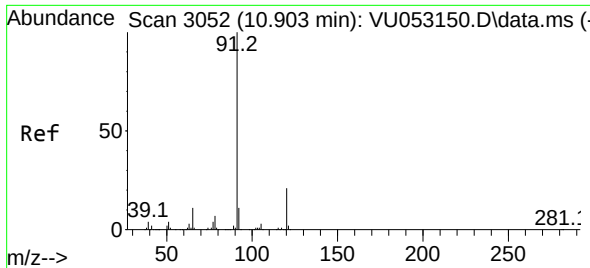
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#72
Bromobenzene
Concen: 11.444 ug/l
RT: 10.778 min Scan# 3013
Delta R.T. 0.000 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

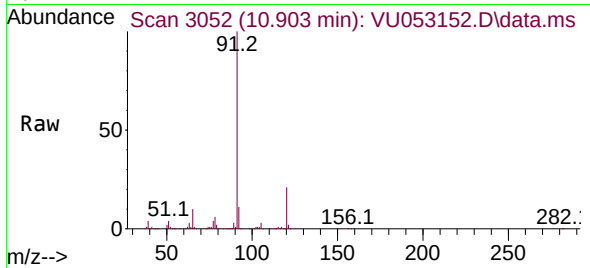
Tgt Ion:	156	Resp:	78142
Ion Ratio	Lower	Upper	
156	100		
77	187.3	0.0	397.0
158	97.9	0.0	189.2





#73
n-propylbenzene
Concen: 11.324 ug/l
RT: 10.903 min Scan# 3052
Delta R.T. 0.000 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

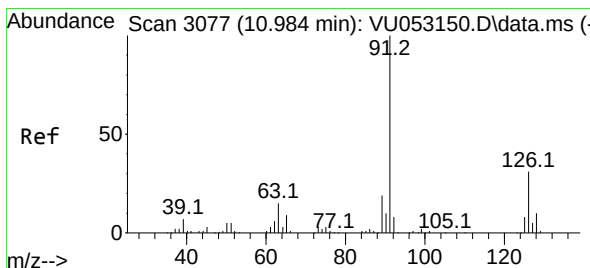
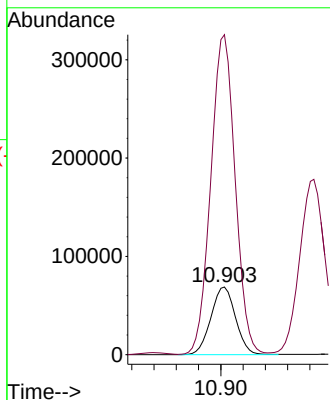
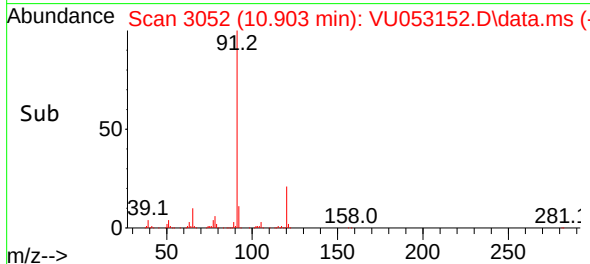
Instrument :
MSVOA_U
ClientSampleId :
ICVVU022723



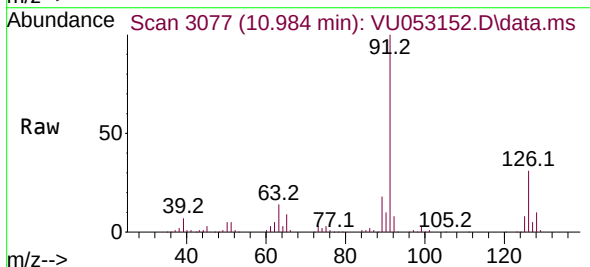
Tgt Ion:120 Resp: 105728
Ion Ratio Lower Upper
120 100
91 467.3 372.5 558.7

Manual Integrations
APPROVED

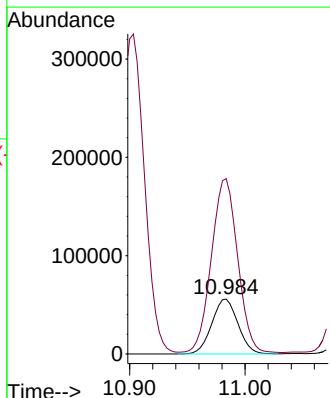
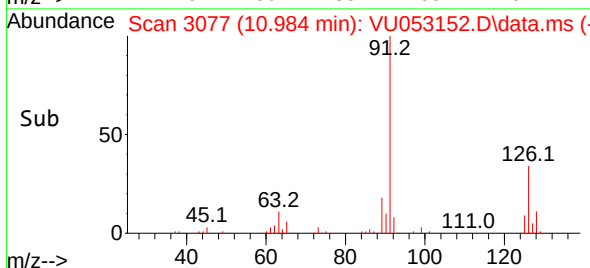
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

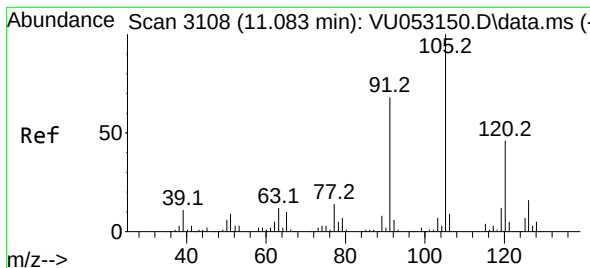


#74
2-Chlorotoluene
Concen: 11.349 ug/l
RT: 10.984 min Scan# 3077
Delta R.T. 0.000 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13



Tgt Ion:126 Resp: 87728
Ion Ratio Lower Upper
126 100
91 318.4 0.0 658.6





#75

1,3,5-Trimethylbenzene

Concen: 11.390 ug/l

RT: 11.083 min Scan# 3108

Delta R.T. 0.000 min

Lab File: VU053152.D

Acq: 27 Feb 2023 14:13

Instrument :

MSVOA_U

ClientSampleId :

ICVVU022723

Tgt Ion:105 Resp: 333514

Ion Ratio Lower Upper

105 100

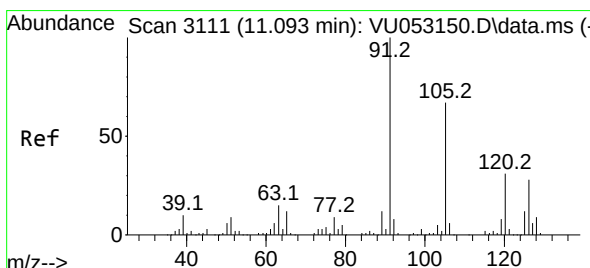
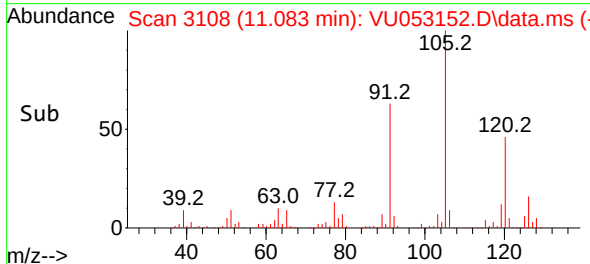
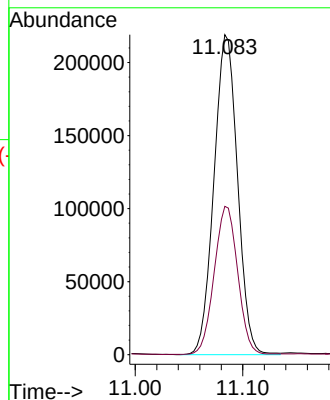
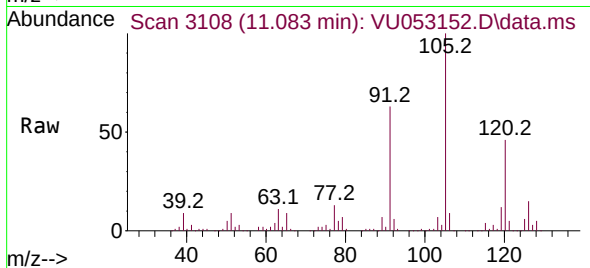
120 46.1 36.5 54.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#76

4-Chlorotoluene

Concen: 11.057 ug/l

RT: 11.093 min Scan# 3111

Delta R.T. 0.000 min

Lab File: VU053152.D

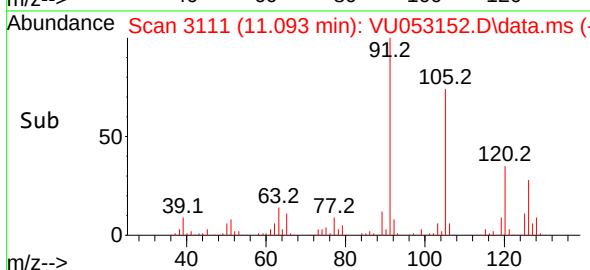
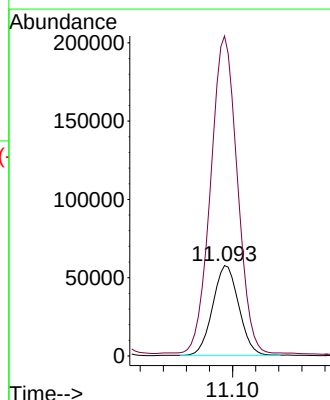
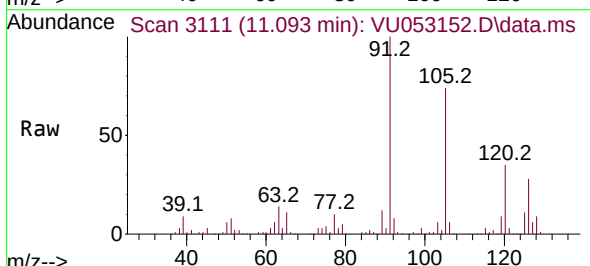
Acq: 27 Feb 2023 14:13

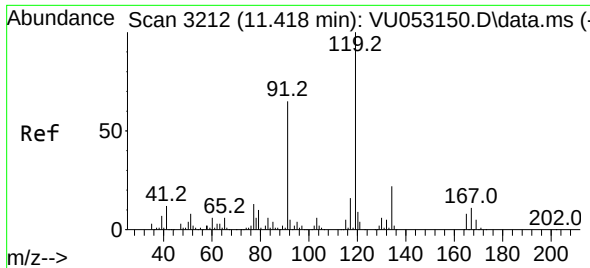
Tgt Ion:126 Resp: 89849

Ion Ratio Lower Upper

126 100

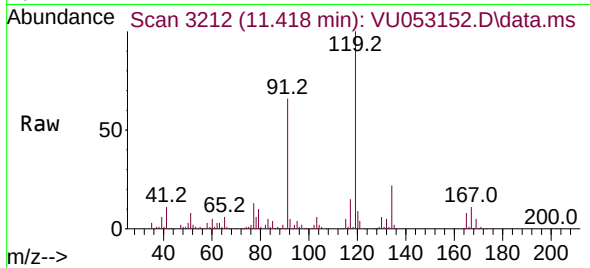
91 367.4 0.0 760.6





#77
tert-Butylbenzene
Concen: 10.992 ug/l
RT: 11.418 min Scan# 3212
Delta R.T. 0.000 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

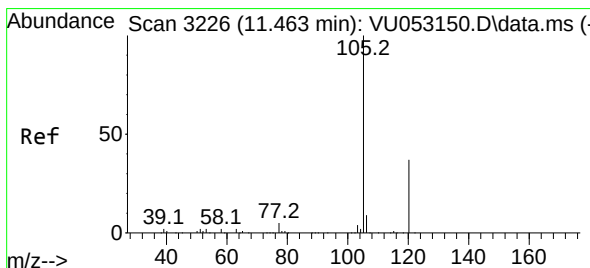
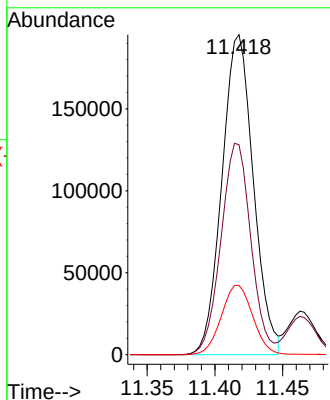
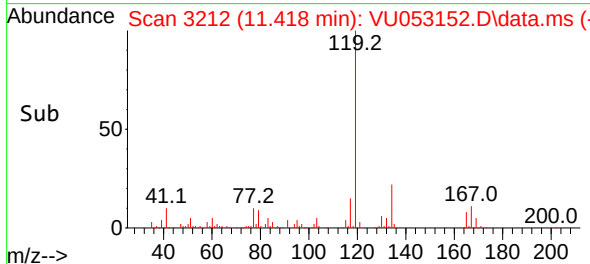
Instrument :
MSVOA_U
ClientSampleId :
ICVVU022723



Tgt Ion:119 Resp: 315404
Ion Ratio Lower Upper
119 100
91 62.9 31.9 95.7
134 21.8 17.4 26.0

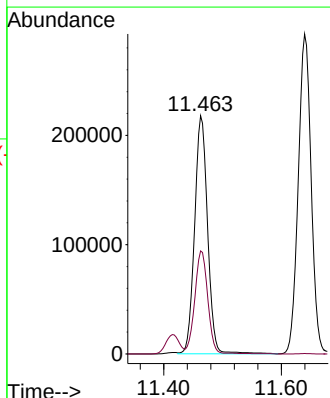
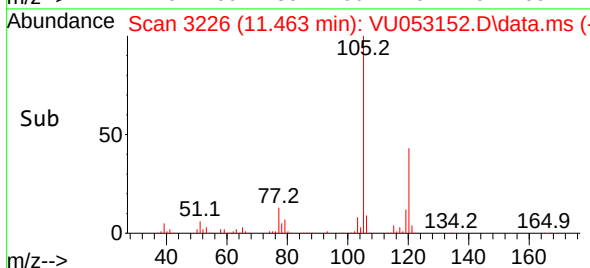
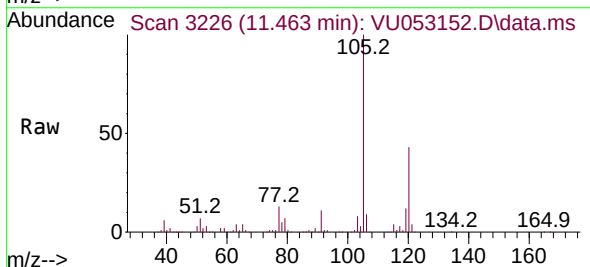
Manual Integrations
APPROVED

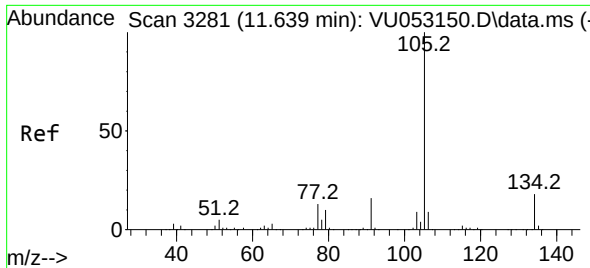
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#78
1,2,4-Trimethylbenzene
Concen: 11.174 ug/l
RT: 11.463 min Scan# 3226
Delta R.T. 0.000 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

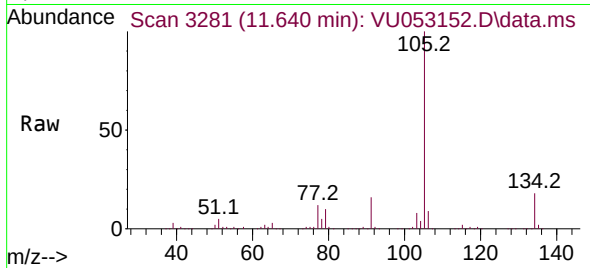
Tgt Ion:105 Resp: 333463
Ion Ratio Lower Upper
105 100
120 42.6 21.1 63.1





#79
 sec-Butylbenzene
 Concen: 11.289 ug/l
 RT: 11.640 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU053152.D
 Acq: 27 Feb 2023 14:13

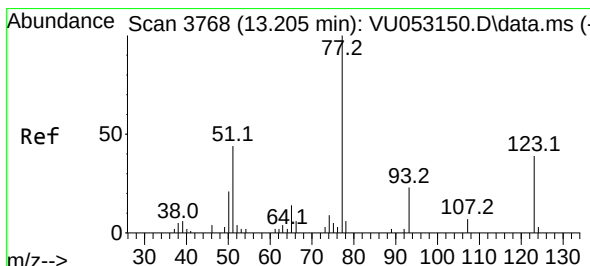
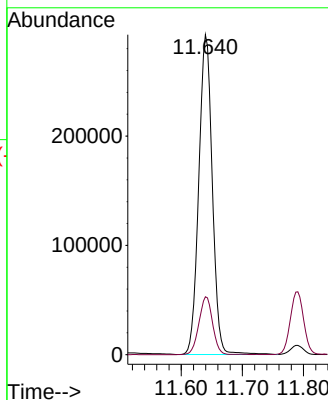
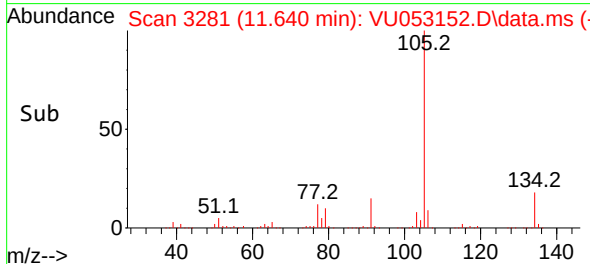
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU022723



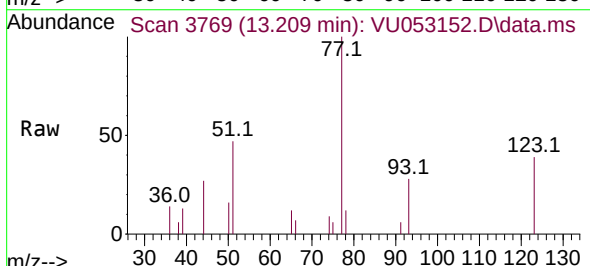
Tgt Ion:105 Resp: 44951
 Ion Ratio Lower Upper
 105 100
 134 18.3 14.4 21.6

Manual Integrations
 APPROVED

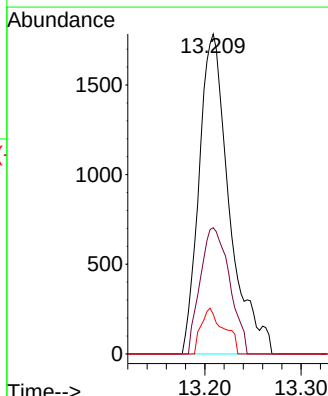
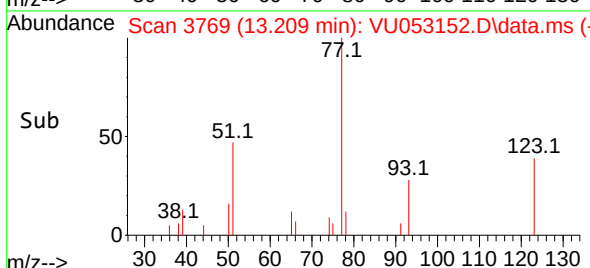
Reviewed By :Krupa Patel 02/28/2023
 Supervised By :Mahesh Dadoda 02/28/2023

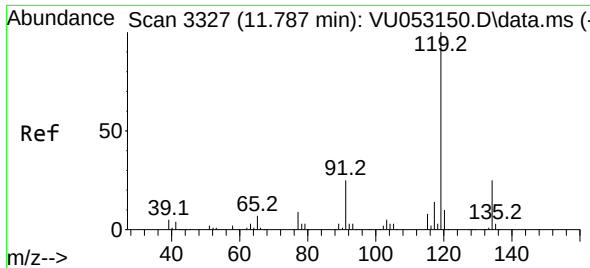


#80
 Nitrobenzene
 Concen: 10.480 ug/l m
 RT: 13.209 min Scan# 3769
 Delta R.T. 0.003 min
 Lab File: VU053152.D
 Acq: 27 Feb 2023 14:13



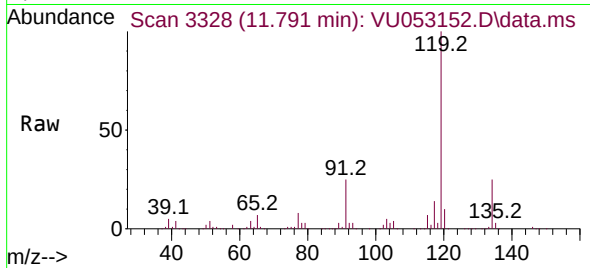
Tgt Ion: 77 Resp: 3879
 Ion Ratio Lower Upper
 77 100
 123 38.3 17.0 60.2
 65 10.8 12.9 16.5#





#81
p-Isopropyltoluene
Concen: 11.403 ug/l
RT: 11.791 min Scan# 3328
Delta R.T. 0.003 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

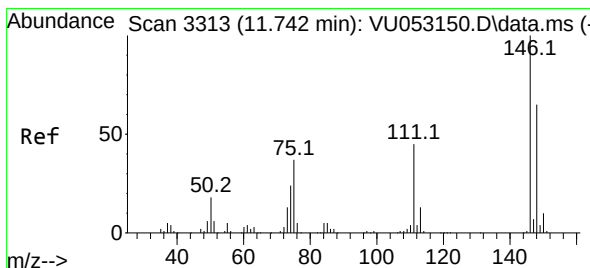
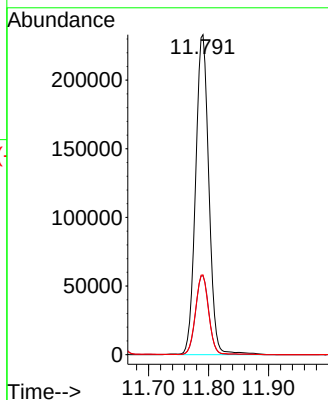
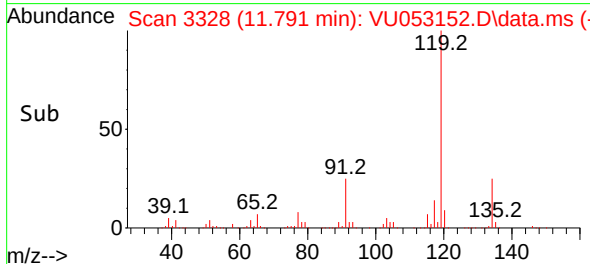
Instrument :
MSVOA_U
ClientSampleId :
ICVVU022723



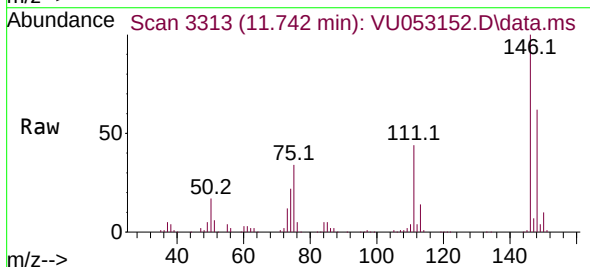
Tgt Ion:119 Resp: 35968
Ion Ratio Lower Upper
119 100
134 24.3 19.8 29.6
91 24.5 20.5 30.7

Manual Integrations
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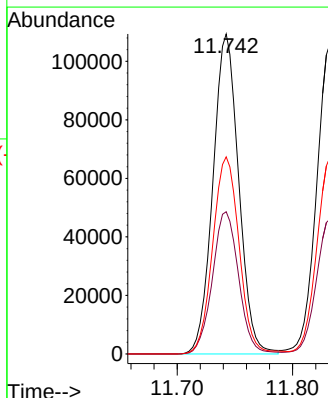
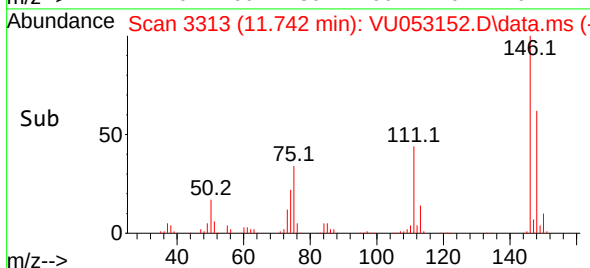
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

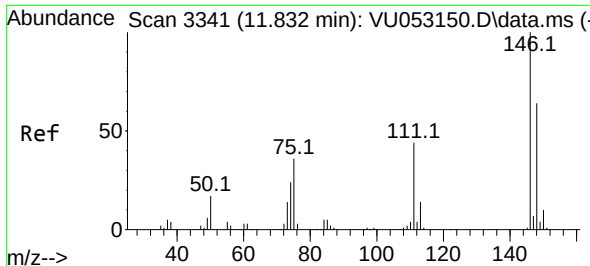


#82
1,3-Dichlorobenzene
Concen: 11.292 ug/l
RT: 11.742 min Scan# 3313
Delta R.T. 0.000 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13



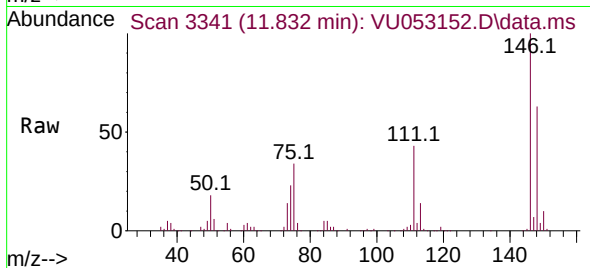
Tgt Ion:146 Resp: 169280
Ion Ratio Lower Upper
146 100
111 45.4 36.0 54.0
148 63.4 50.8 76.2





#83
1,4-Dichlorobenzene
Concen: 11.033 ug/l
RT: 11.832 min Scan# 3341
Delta R.T. 0.000 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

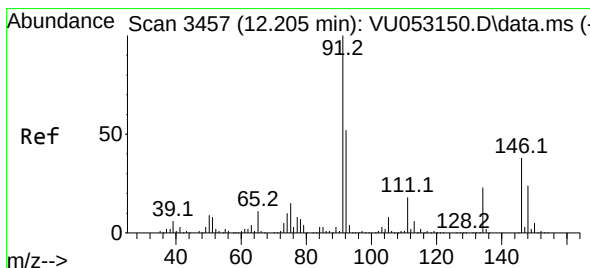
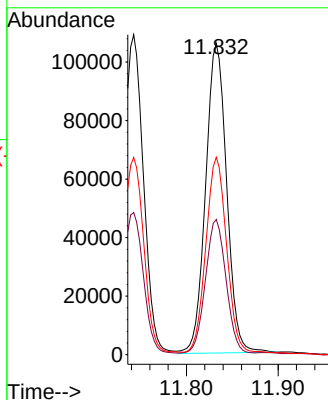
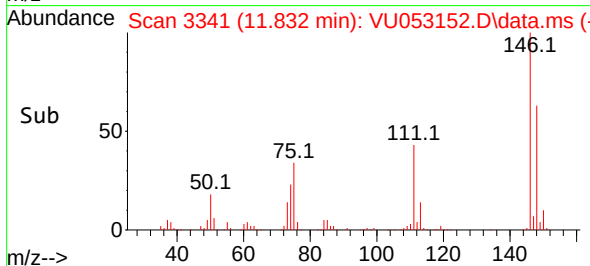
Instrument :
MSVOA_U
ClientSampleId :
ICVVU022723



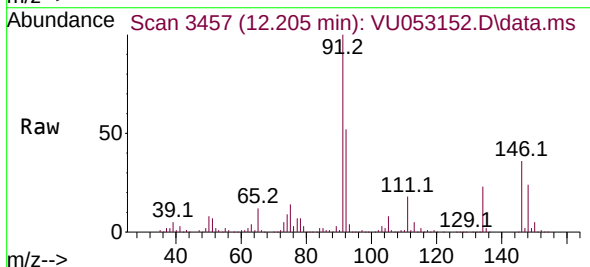
Tgt Ion:146 Resp: 168858
Ion Ratio Lower Upper
146 100
111 42.3 34.0 51.0
148 62.8 49.8 74.6

Manual Integrations
APPROVED

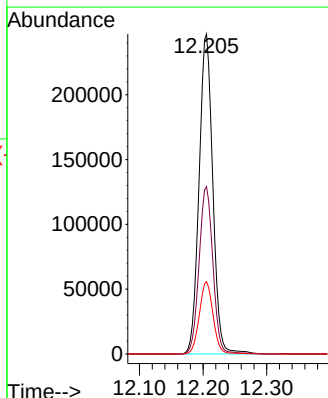
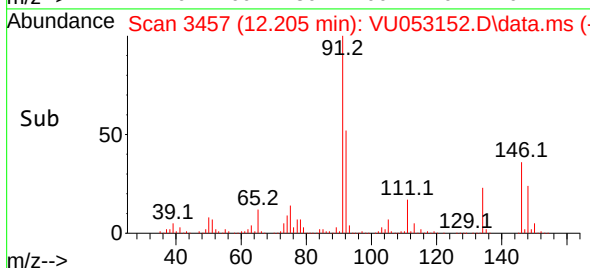
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

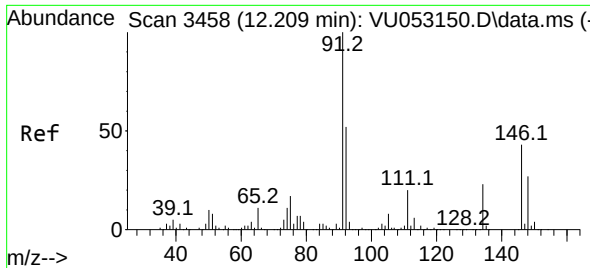


#84
n-Butylbenzene
Concen: 11.322 ug/l
RT: 12.205 min Scan# 3457
Delta R.T. 0.000 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13



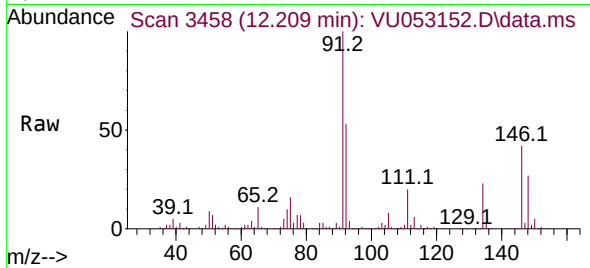
Tgt Ion: 91 Resp: 369983
Ion Ratio Lower Upper
91 100
92 52.8 41.8 62.6
134 22.7 17.9 26.9





#85
1,2-Dichlorobenzene
Concen: 10.796 ug/l
RT: 12.209 min Scan# 3458
Delta R.T. 0.000 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

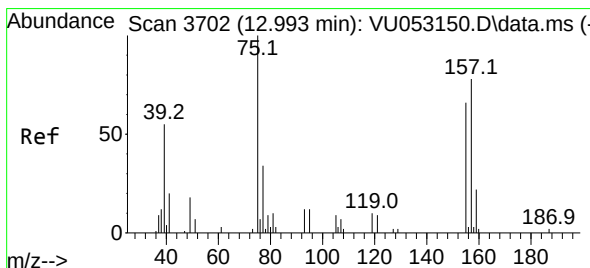
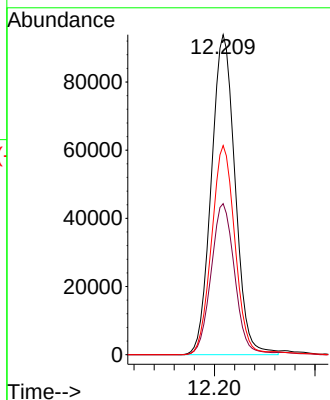
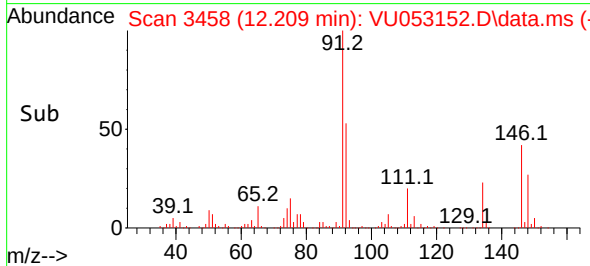
Instrument :
MSVOA_U
ClientSampleId :
ICVVU022723



Tgt Ion:146 Resp: 15431
Ion Ratio Lower Upper
146 100
111 46.6 23.2 69.6
148 64.1 31.4 94.3

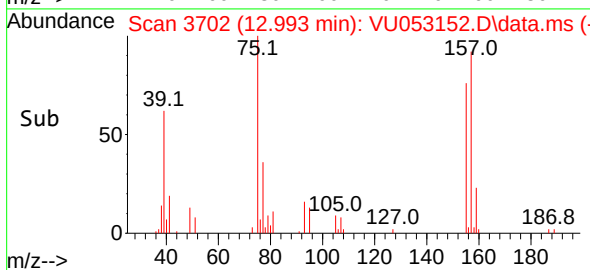
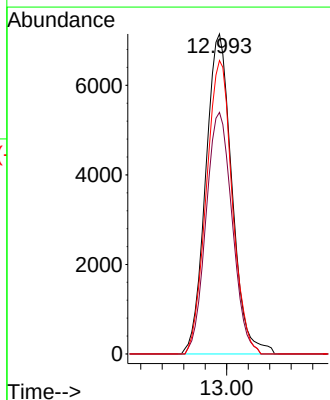
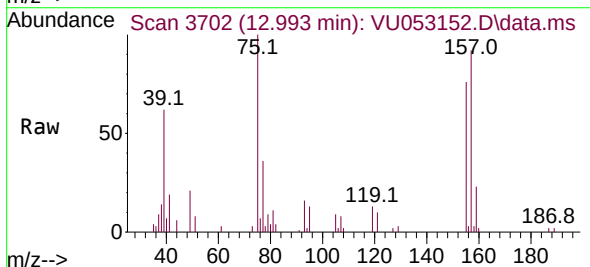
Manual Integrations
APPROVED

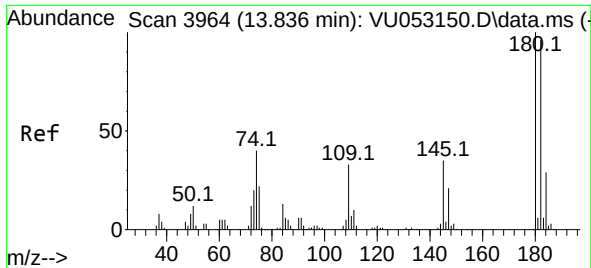
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#86
1,2-Dibromo-3-Chloropropane
Concen: 9.042 ug/l
RT: 12.993 min Scan# 3702
Delta R.T. 0.000 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

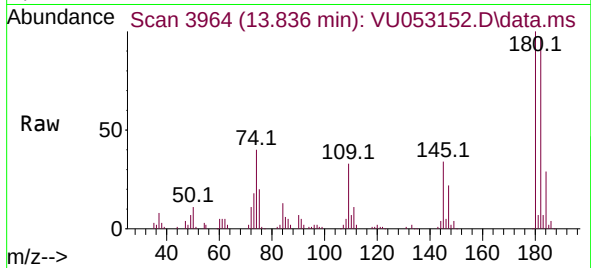
Tgt Ion: 75 Resp: 12120
Ion Ratio Lower Upper
75 100
155 75.3 53.4 80.0
157 90.3 61.7 92.5





#87
1,2,4-Trichlorobenzene
Concen: 11.820 ug/l
RT: 13.836 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13

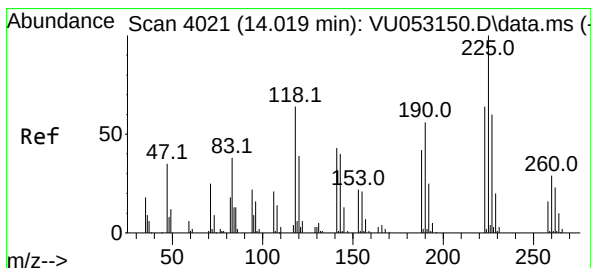
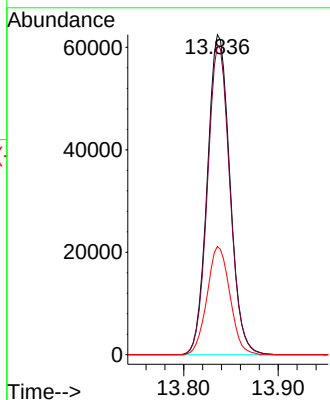
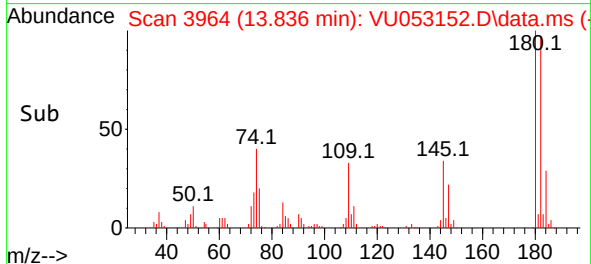
Instrument :
MSVOA_U
ClientSampleId :
ICVVU022723



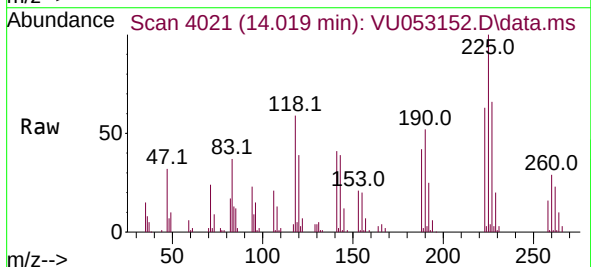
Tgt Ion:180 Resp: 103680
Ion Ratio Lower Upper
180 100
182 95.9 77.4 116.0
145 34.2 28.3 42.5

Manual Integrations
APPROVED

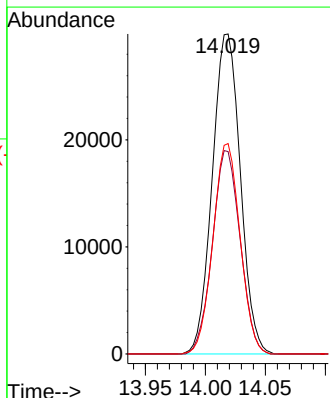
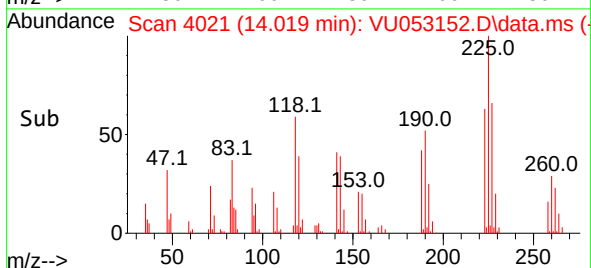
Reviewed By :Krupa Patel 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

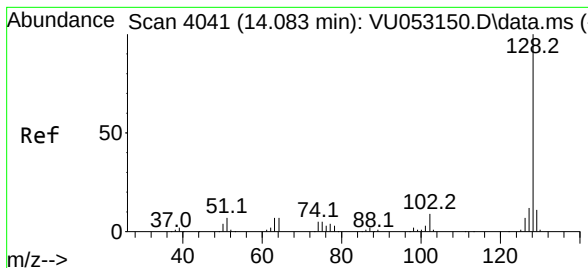


#88
Hexachlorobutadiene
Concen: 11.362 ug/l
RT: 14.019 min Scan# 4021
Delta R.T. -0.000 min
Lab File: VU053152.D
Acq: 27 Feb 2023 14:13



Tgt Ion:225 Resp: 48680
Ion Ratio Lower Upper
225 100
223 62.7 51.1 76.7
227 63.5 49.9 74.9





#89

Naphthalene

Concen: 11.523 ug/l

RT: 14.083 min Scan# 4041

Delta R.T. 0.000 min

Lab File: VU053152.D

Acq: 27 Feb 2023 14:13

Instrument :

MSVOA_U

ClientSampleId :

ICVVU022723

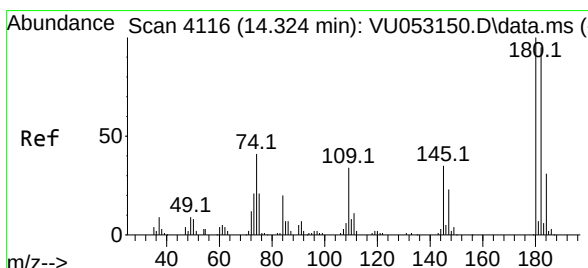
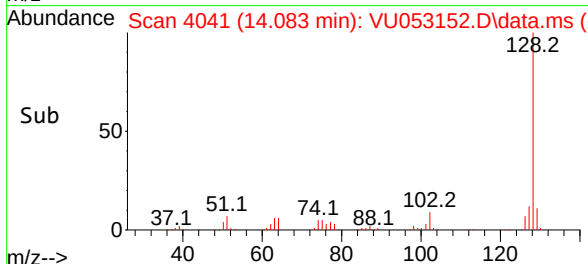
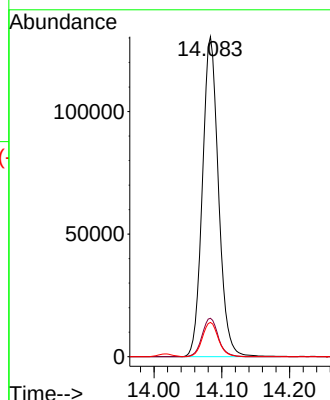
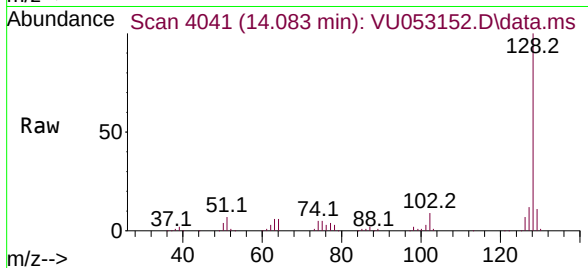
Tgt Ion:128	Resp: 21504
Ion Ratio	Lower Upper
128 100	
127 12.1	9.9 14.9
129 10.6	8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#90

1,2,3-Trichlorobenzene

Concen: 11.606 ug/l

RT: 14.324 min Scan# 4116

Delta R.T. 0.000 min

Lab File: VU053152.D

Acq: 27 Feb 2023 14:13

Tgt Ion:180	Resp: 89581
Ion Ratio	Lower Upper
180 100	
182 94.5	76.6 115.0
145 36.5	29.0 43.6

